

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022770.D
 Acq On : 25 Sep 2019 14:13
 Operator : JU
 Sample : PB123301BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 05:59:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	247866	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	944123	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	509126	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	906131	20.00	ng	0.00
76) Chrysene-d12	21.37	240	724206	20.00	ng	-0.01
87) Perylene-d12	23.64	264	659686	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1662393	106.37	ng	0.00
7) Phenol-d6	6.99	99	2044484	101.85	ng	0.00
23) Nitrobenzene-d5	8.97	82	1112308	65.40	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	688692	108.36	ng	0.00
45) 2-Fluorobiphenyl	13.07	172	2561346	69.28	ng	-0.01
79) Terphenyl-d14	19.82	244	2927319	78.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	240995	38.322	ng	# 100
3) Pyridine	3.72	79	577516	34.840	ng	99
4) n-Nitrosodimethylamine	3.62	42	257937	42.745	ng	# 96
6) Aniline	7.15	93	874580	36.336	ng	99
8) 2-Chlorophenol	7.39	128	709856	44.579	ng	99
9) Benzaldehyde	6.96	77	358296	31.348	ng	99
10) Phenol	7.02	94	807575	42.733	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	638688	43.016	ng	98
12) 1,3-Dichlorobenzene	7.71	146	786744	41.339	ng	100
13) 1,4-Dichlorobenzene	7.86	146	799853	41.514	ng	99
14) 1,2-Dichlorobenzene	8.17	146	751175	40.894	ng	100
15) Benzyl Alcohol	8.06	79	537969	42.830	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	859756	39.862	ng	100
17) 2-Methylphenol	8.26	107	539709	43.146	ng	99
18) Hexachloroethane	8.90	117	292440	41.383	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	457725	40.834	ng	99
20) 3+4-Methylphenols	8.59	107	716204	42.987	ng	98
22) Acetophenone	8.64	105	930558	39.930	ng	# 99
24) Nitrobenzene	9.02	77	683537	42.004	ng	98
25) Isophorone	9.55	82	1210972	43.302	ng	99
26) 2-Nitrophenol	9.73	139	343153	48.846	ng	98
27) 2,4-Dimethylphenol	9.79	122	597014	50.763	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	823422	42.550	ng	99
29) 2,4-Dichlorophenol	10.26	162	612977	46.100	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	697541	42.638	ng	100
31) Naphthalene	10.66	128	2004629	42.972	ng	99
32) Benzoic acid	9.93	122	351733	43.903	ng	95
33) 4-Chloroaniline	10.77	127	425265	20.996	ng	99
34) Hexachlorobutadiene	10.96	225	419924	43.060	ng	99
35) Caprolactam	11.56	113	80795	20.496	ng	97
36) 4-Chloro-3-methylphenol	11.89	107	564467	43.511	ng	97
37) 2-Methylnaphthalene	12.27	142	1404472	43.252	ng	100
38) 1-Methylnaphthalene	12.49	142	1301103	42.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	750731	43.517	ng	99

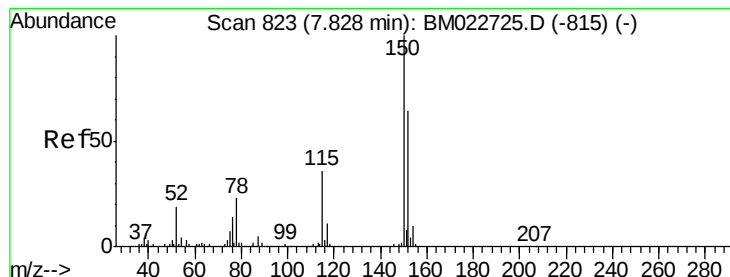
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1020252	108.393	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	460765	46.276	ng	100
44) 2,4,5-Trichlorophenol	12.95	196	486410	46.879	ng	100
46) 1,1'-Biphenyl	13.29	154	1743130	41.368	ng	99
47) 2-Chloronaphthalene	13.33	162	1331759	42.404	ng	99
48) 2-Nitroaniline	13.53	65	321705	39.337	ng	99
49) Acenaphthylene	14.17	152	2048430	44.045	ng	100
50) Dimethylphthalate	13.92	163	1524208	41.426	ng	100
51) 2,6-Dinitrotoluene	14.02	165	332215	43.166	ng	98
52) Acenaphthene	14.52	154	1239292	40.730	ng	99
53) 3-Nitroaniline	14.35	138	229010	25.848	ng	100
54) 2,4-Dinitrophenol	14.56	184	346289	82.784	ng	96
55) Dibenzofuran	14.85	168	1881688	42.361	ng	99
56) 4-Nitrophenol	14.66	139	563666	82.770	ng	97
57) 2,4-Dinitrotoluene	14.81	165	433060	42.952	ng	100
58) Fluorene	15.50	166	1494173	41.393	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	404911	44.747	ng	97
60) Diethylphthalate	15.28	149	1488266	41.600	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	779686	42.038	ng	99
62) 4-Nitroaniline	15.52	138	331964	35.738	ng	98
63) Azobenzene	15.79	77	1349875	41.782	ng	100
65) 4,6-Dinitro-2-methylphenol	15.57	198	222808	48.788	ng	94
66) n-Nitrosodiphenylamine	15.71	169	1291365	46.650	ng	99
67) 4-Bromophenyl-phenylether	16.39	248	469582	46.593	ng	99
68) Hexachlorobenzene	16.50	284	510544	43.439	ng	99
69) Atrazine	16.66	200	382375	42.491	ng	100
70) Pentachlorophenol	16.84	266	617797	98.563	ng	99
71) Phenanthrene	17.23	178	2169150	42.425	ng	100
72) Anthracene	17.33	178	2183126	44.057	ng	100
73) Carbazole	17.59	167	1893611	41.066	ng	100
74) Di-n-butylphthalate	18.16	149	2386794	45.650	ng	100
75) Fluoranthene	19.25	202	2308140	40.006	ng	98
77) Benzidine	19.43	184	857762	43.174	ng	99
78) Pyrene	19.61	202	2334197	49.182	ng	100
80) Butylbenzylphthalate	20.51	149	935800	51.881	ng	99
81) Benzo(a)anthracene	21.36	228	2008170	42.784	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	640926	38.505	ng	100
83) Chrysene	21.41	228	1931774	42.453	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1408991	52.720	ng	100
85) Di-n-octyl phthalate	22.18	149	2194210	51.513	ng	98
86) Indeno(1,2,3-cd)pyrene	25.95	276	1983051	36.512	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1842574	46.131	ng	100
89) Benzo(k)fluoranthene	23.00	252	1812808	45.742	ng	99
90) Benzo(a)pyrene	23.54	252	1741166	47.308	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	1677695	43.579	ng	99
92) Benzo(g,h,i)perylene	26.65	276	1618198	44.255	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

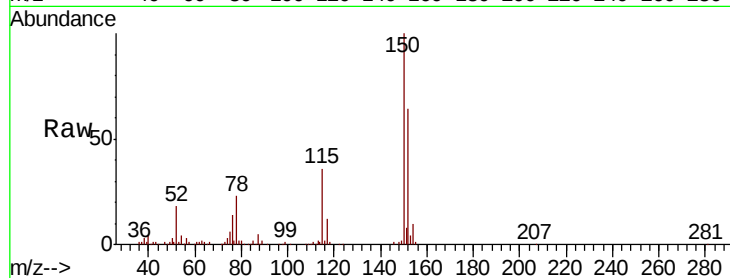


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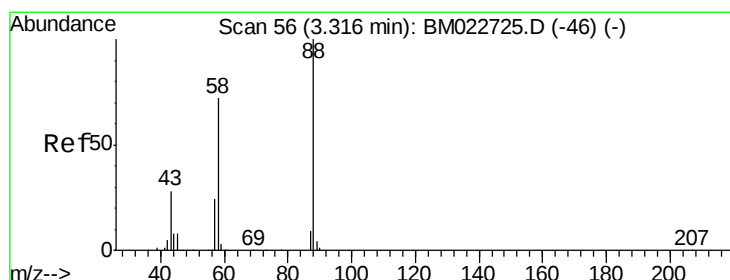
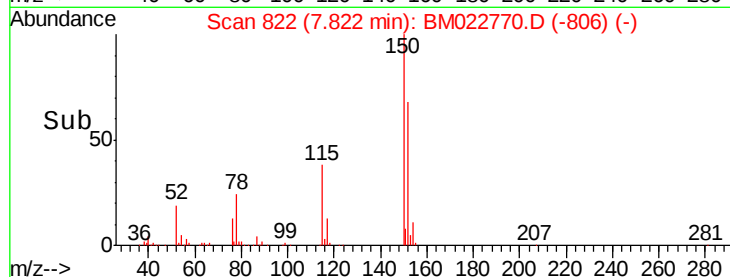
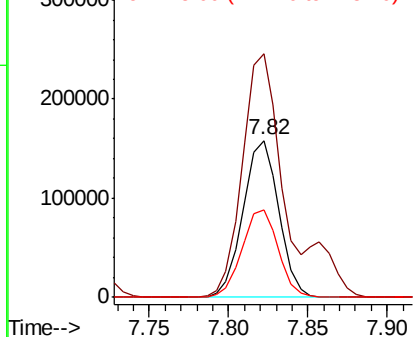
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 247866
Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 56.0 45.0 67.4



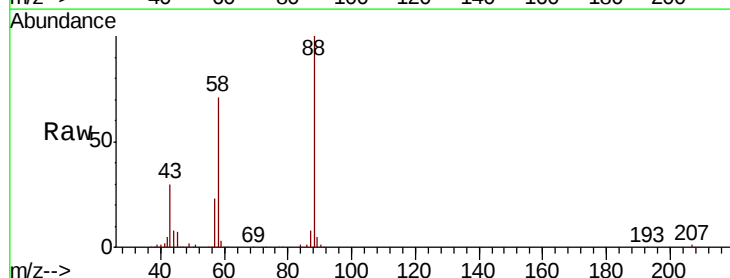
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



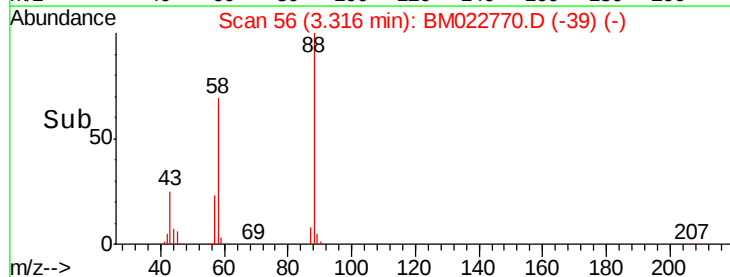
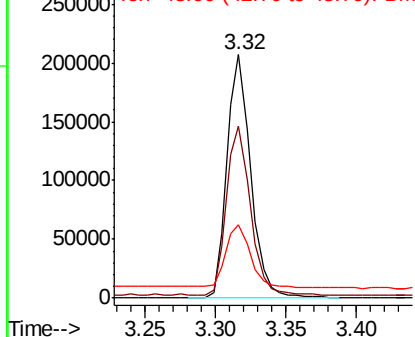
#2

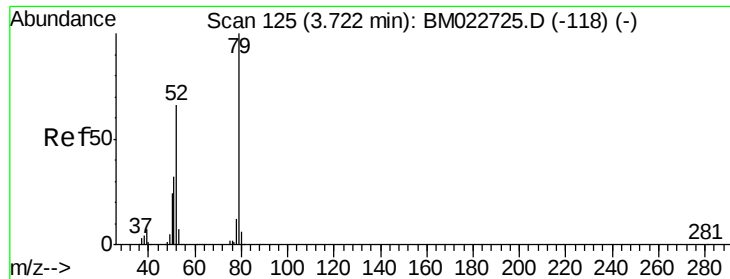
1,4-Dioxane
Concen: 38.322 ng
RT: 3.32 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion: 88 Resp: 240995
Ion Ratio Lower Upper
88 100
58 70.2 0.0 0.0#
43 26.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.840 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

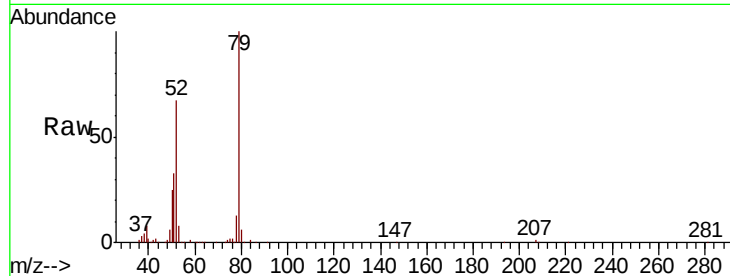
Tot Ion: 79 Resp: 577516

Ion Ratio Lower Upper

79 100

52 66.7 52.4 78.6

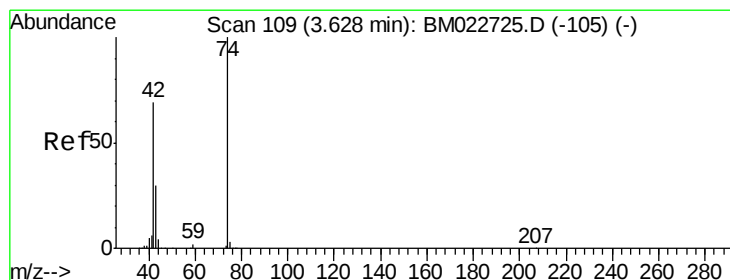
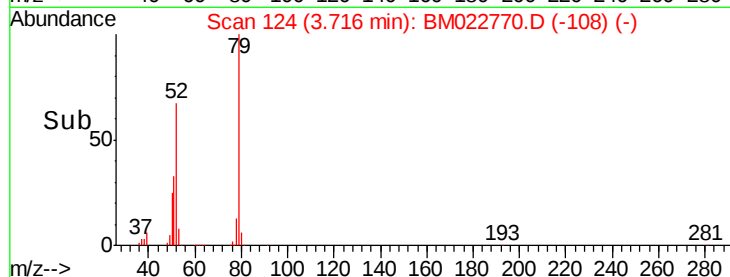
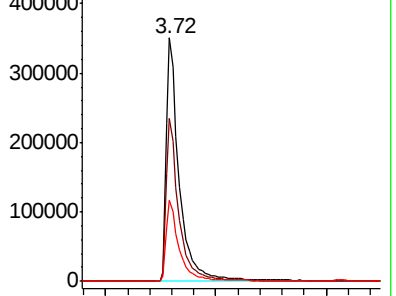
51 33.2 26.2 39.4



Abundance Ion 79.00 (78.70 to 79.70): BM022770.D (-118) (-)

Ion 52.00 (51.70 to 52.70): BM022770.D (-118) (-)

Ion 51.00 (50.70 to 51.70): BM022770.D (-118) (-)



#4

n-Nitrosodimethylamine

Concen: 42.745 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

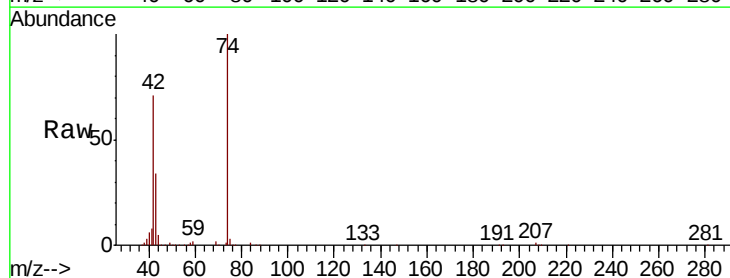
Tgt Ion: 42 Resp: 257937

Ion Ratio Lower Upper

42 100

74 141.4 116.6 175.0

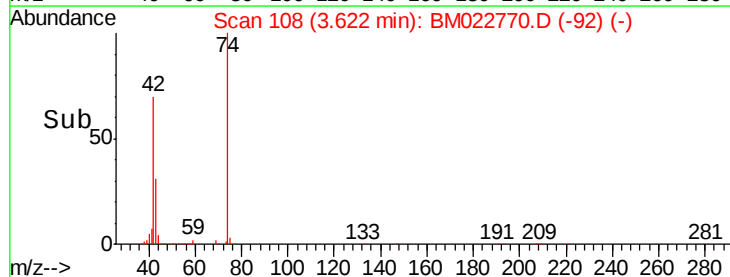
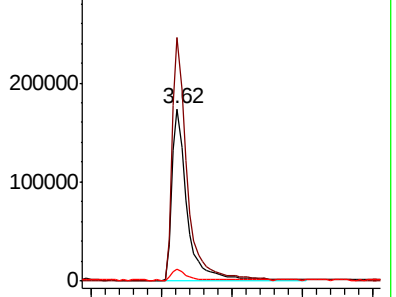
44 6.8 8.2 12.4#

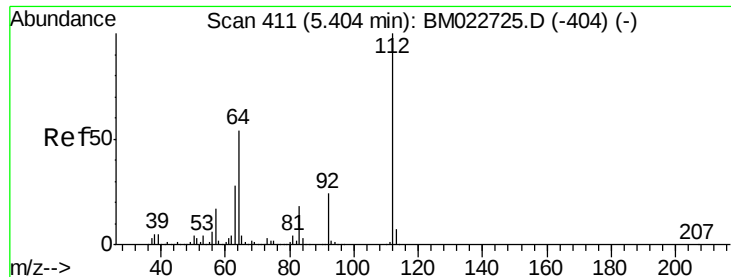


Abundance Ion 42.00 (41.70 to 42.70): BM022770.D (-105) (-)

Ion 74.00 (73.70 to 74.70): BM022770.D (-105) (-)

Ion 44.00 (43.70 to 44.70): BM022770.D (-105) (-)





#5

2-Fluorophenol

Concen: 106.368 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

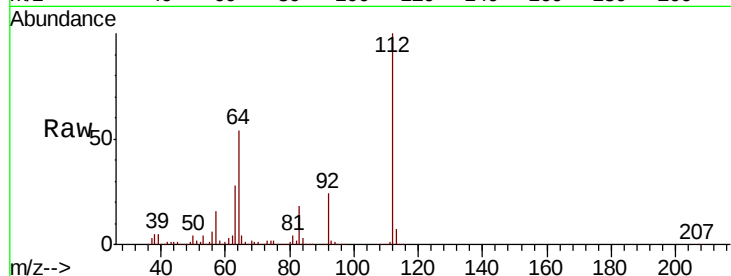
Tot Ion:112 Resp: 1662393

Ion Ratio Lower Upper

112 100

64 53.6 43.4 65.2

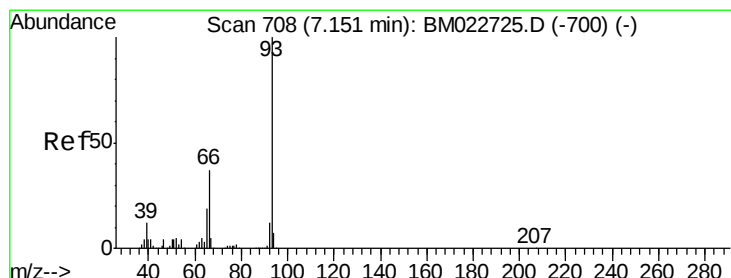
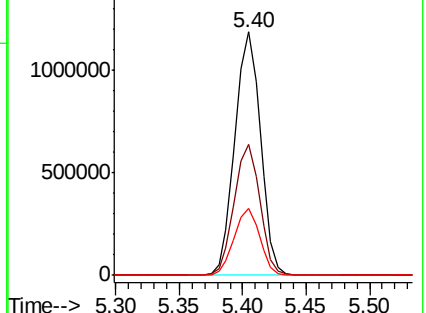
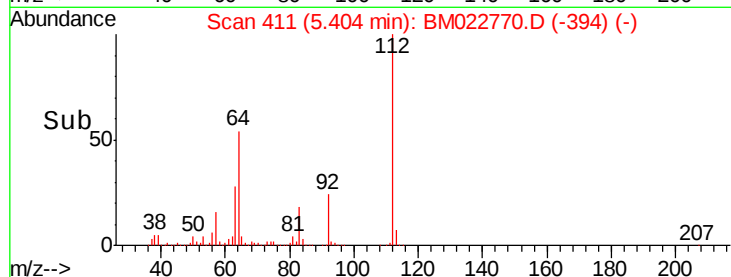
63 27.6 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.336 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

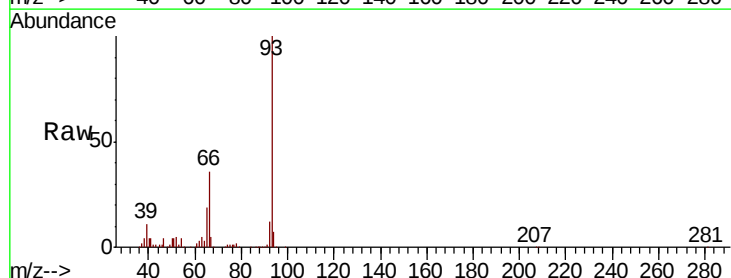
Tgt Ion: 93 Resp: 874580

Ion Ratio Lower Upper

93 100

66 36.3 29.3 43.9

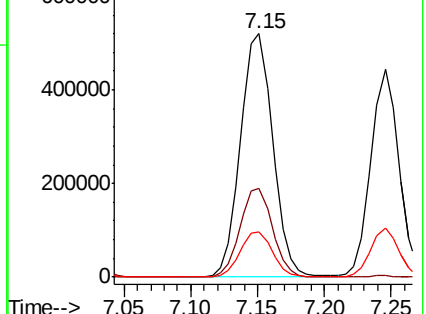
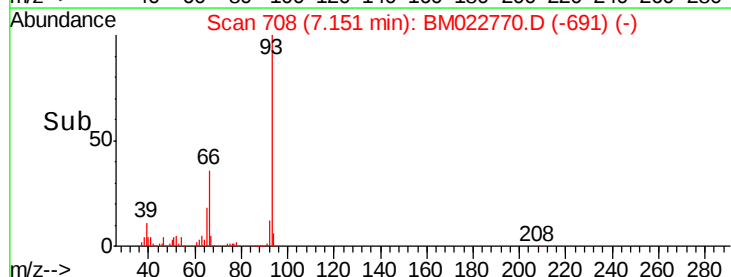
65 18.5 15.3 22.9

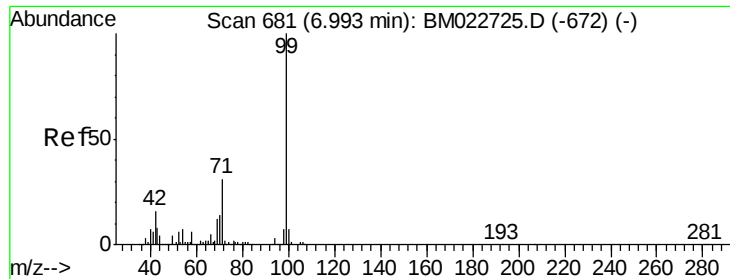


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 101.851 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

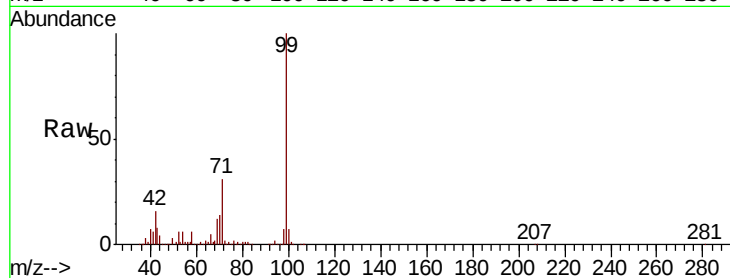
Tot Ion: 99 Resp: 2044484

Ion Ratio Lower Upper

99 100

42 15.7 13.0 19.4

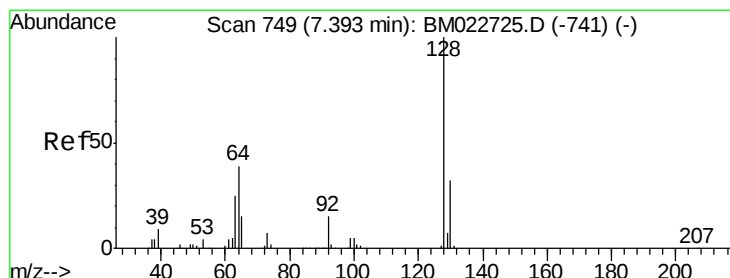
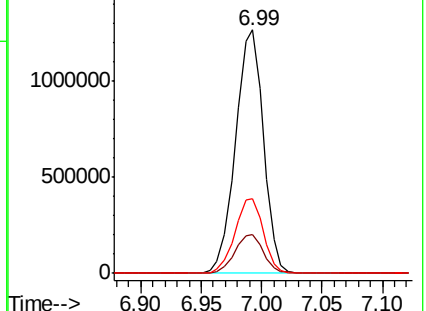
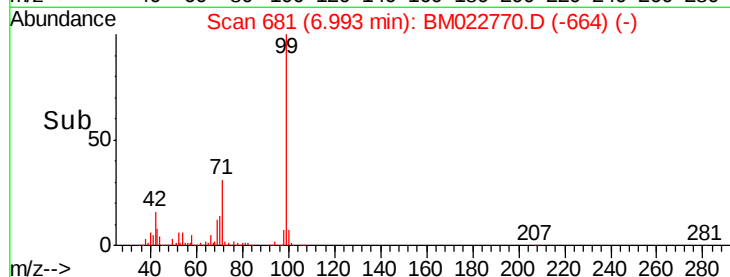
71 30.8 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022770.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022770.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022770.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.579 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

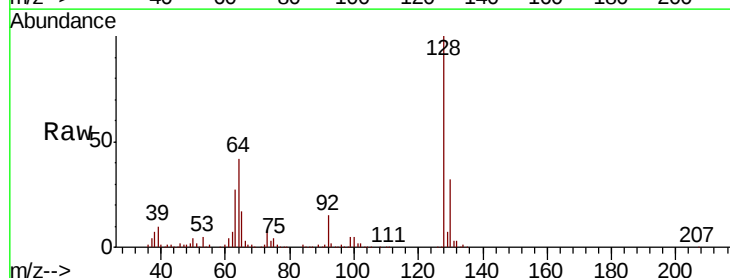
Tgt Ion: 128 Resp: 709856

Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

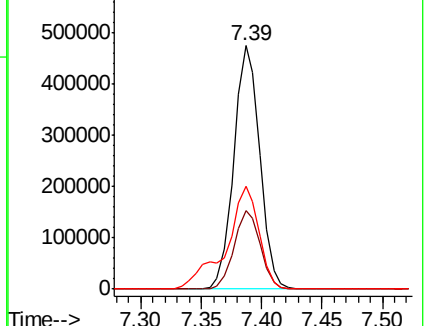
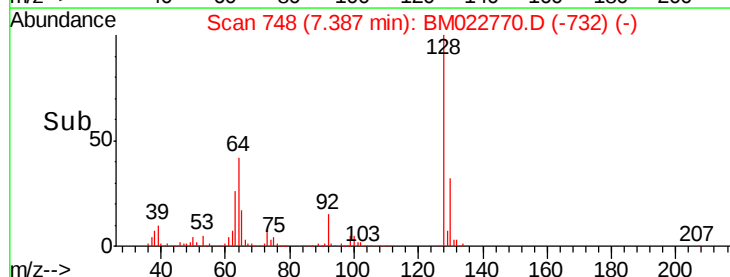
64 42.3 22.9 62.9

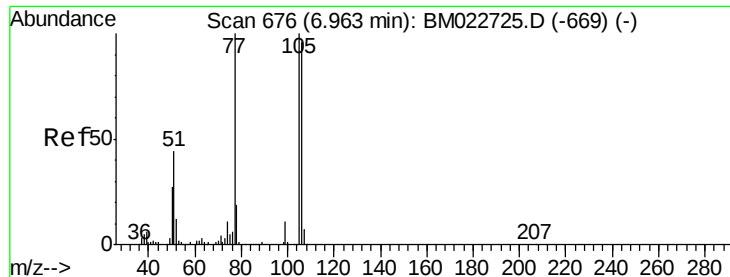


Abundance Ion 128.00 (127.70 to 128.70): BM022770.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022770.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022770.D (-732) (-)





#9

Benzaldehyde

Concen: 31.348 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

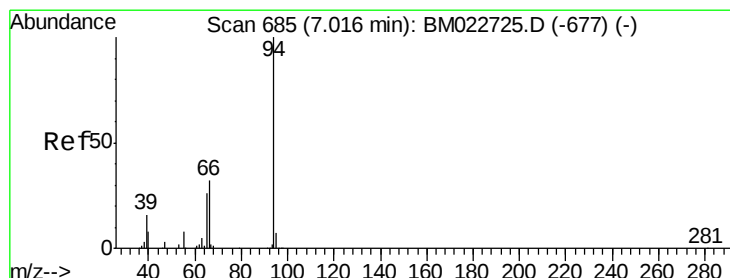
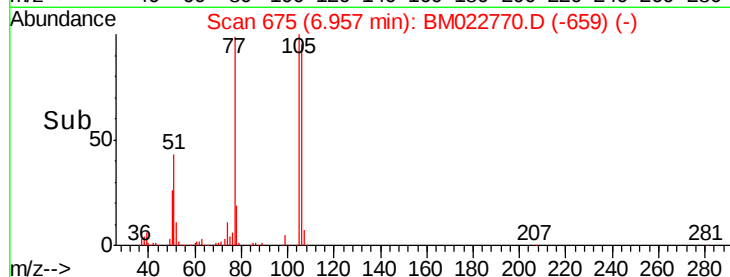
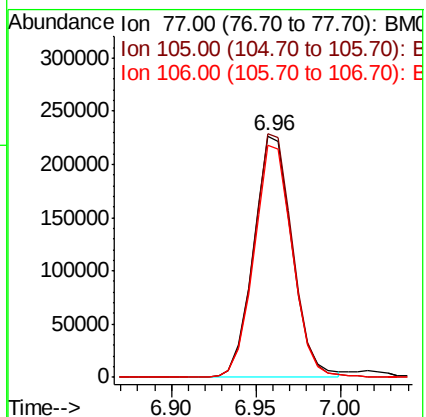
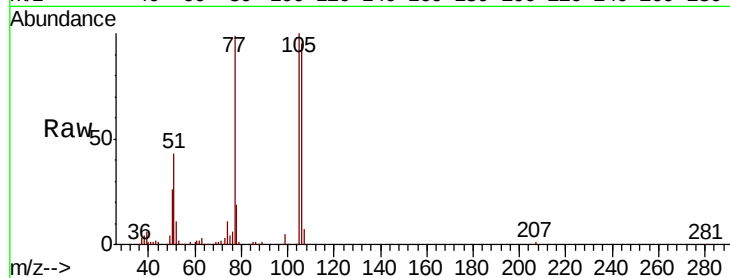
Tot Ion: 77 Resp: 358296

Ion Ratio Lower Upper

77 100

105 100.8 79.6 119.6

106 96.1 76.3 116.3



#10

Phenol

Concen: 42.733 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

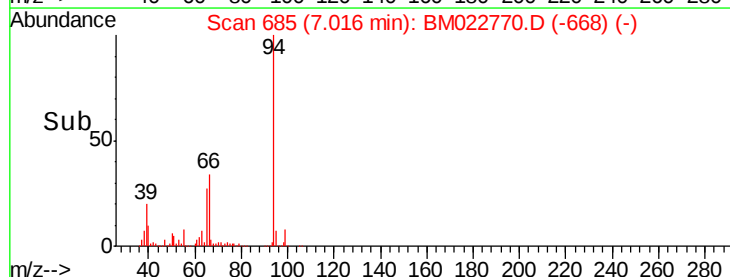
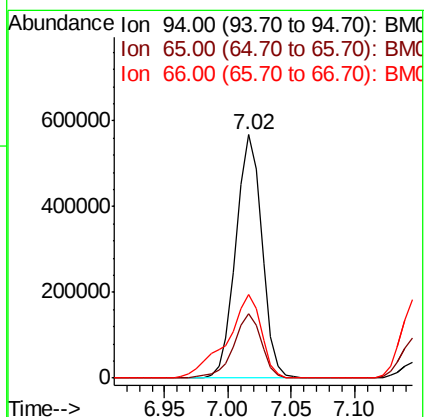
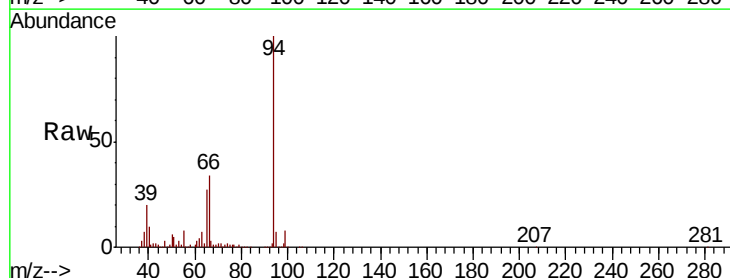
Tgt Ion: 94 Resp: 807575

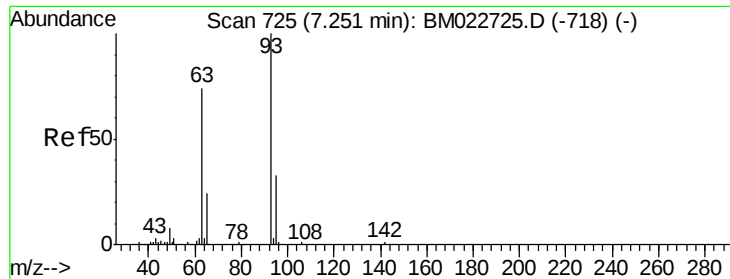
Ion Ratio Lower Upper

94 100

65 26.5 6.7 46.7

66 34.2 13.8 53.8

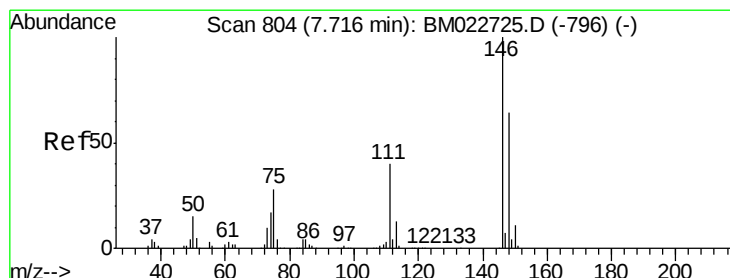
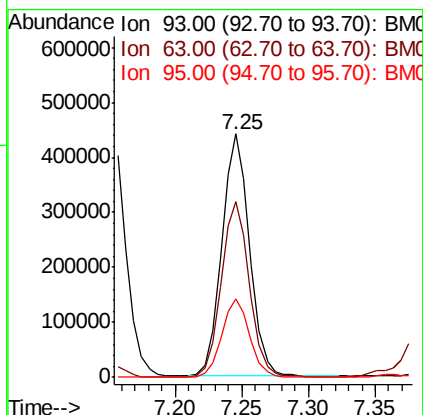
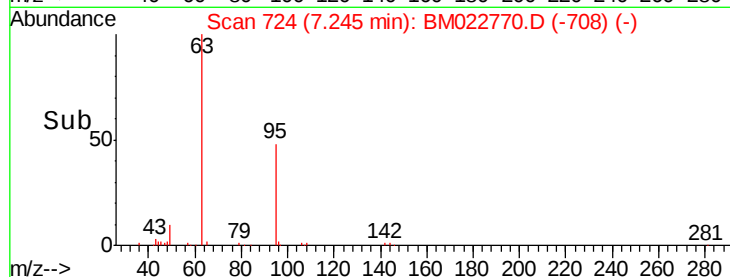
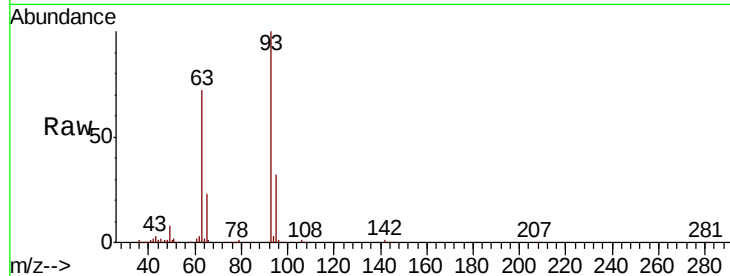




#11
bis(2-Chloroethyl)ether
Concen: 43.016 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

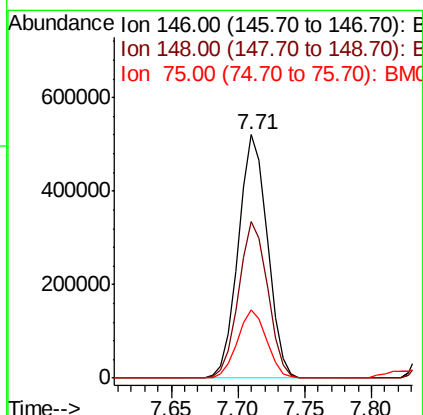
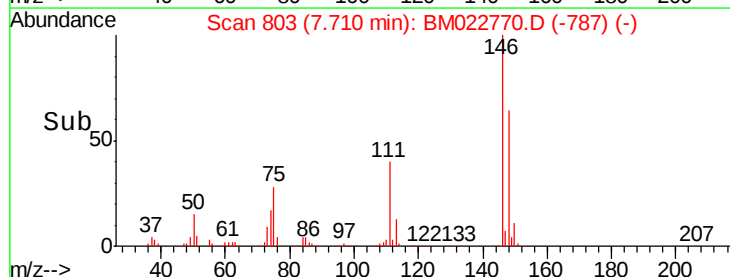
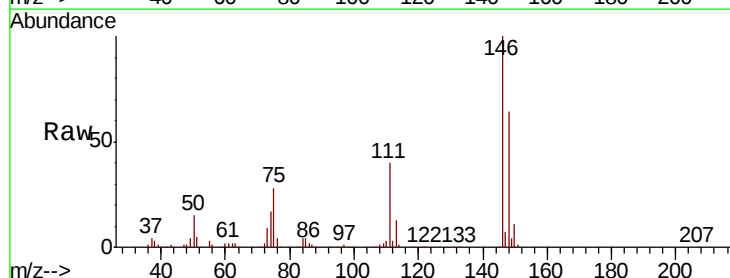
Instrument :
BNA_M
ClientSampleId :

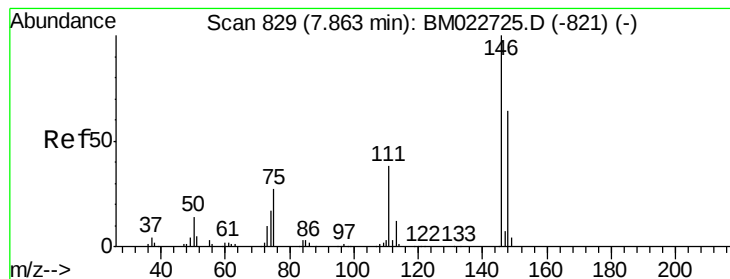
Tot Ion: 93 Resp: 638688
Ion Ratio Lower Upper
93 100
63 72.2 53.8 93.8
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion: 146 Resp: 786744
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 28.3 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.514 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

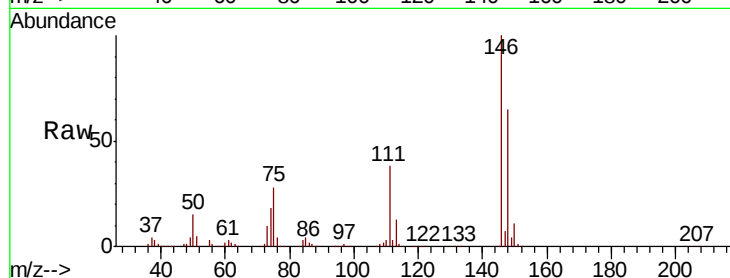
Tot Ion:146 Resp: 799853

Ion Ratio Lower Upper

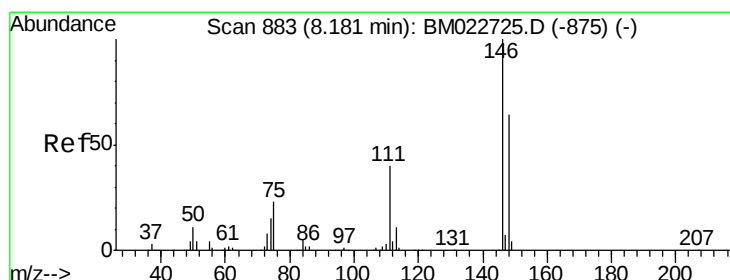
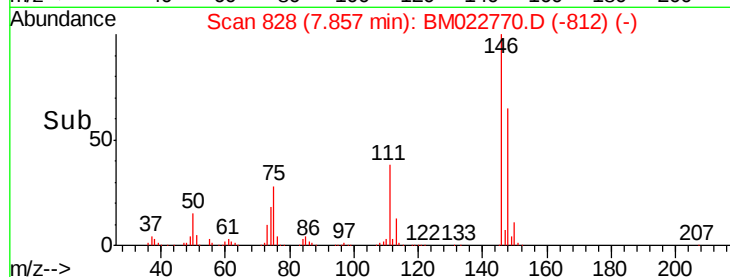
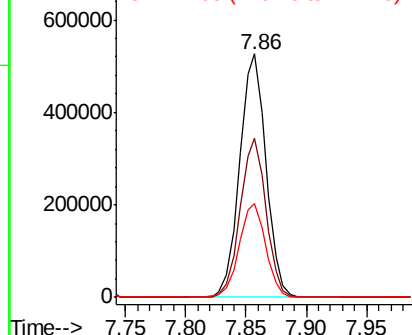
146 100

148 65.1 51.4 77.0

111 38.4 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.894 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

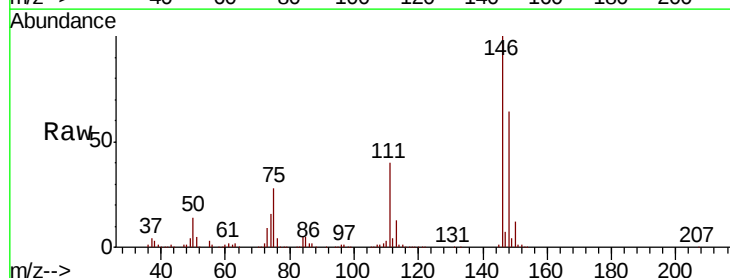
Tgt Ion:146 Resp: 751175

Ion Ratio Lower Upper

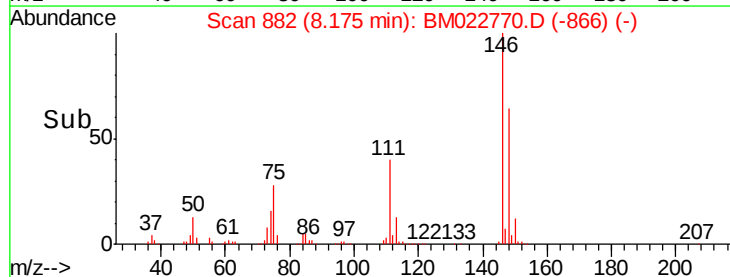
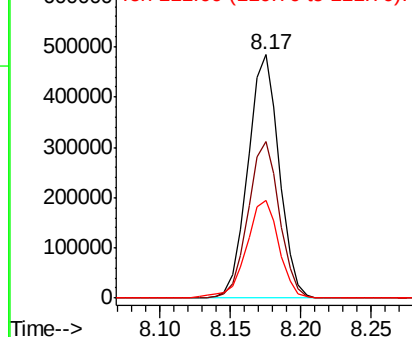
146 100

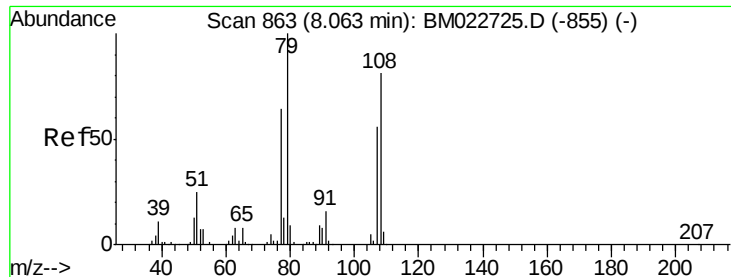
148 64.4 51.3 76.9

111 40.3 32.3 48.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.830 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

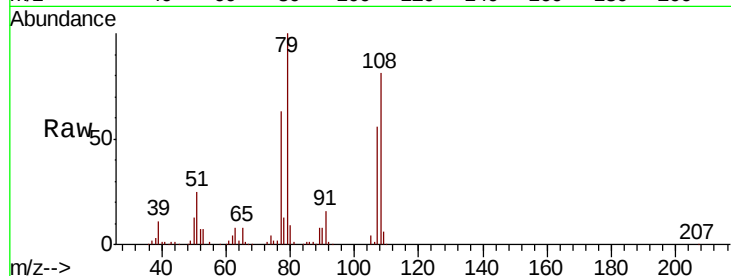
Tot Ion: 79 Resp: 537969

Ion Ratio Lower Upper

79 100

108 80.6 64.9 97.3

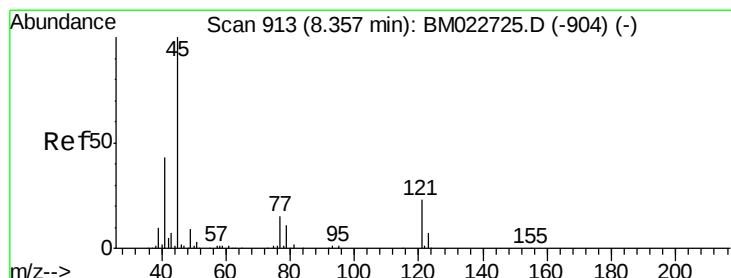
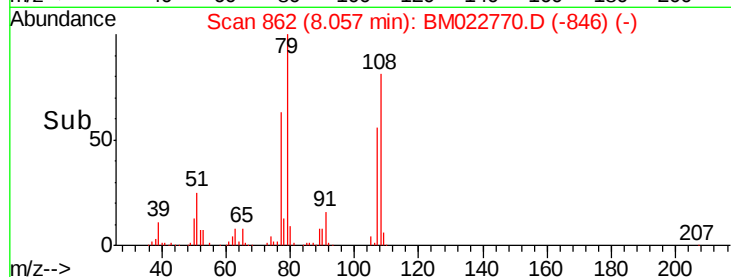
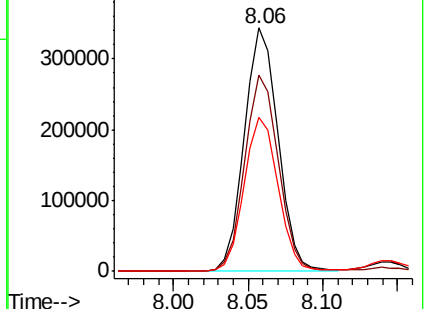
77 63.1 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022770.D (-846) (-)

Ion 108.00 (107.70 to 108.70): BM022770.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM022770.D (-846) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.862 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

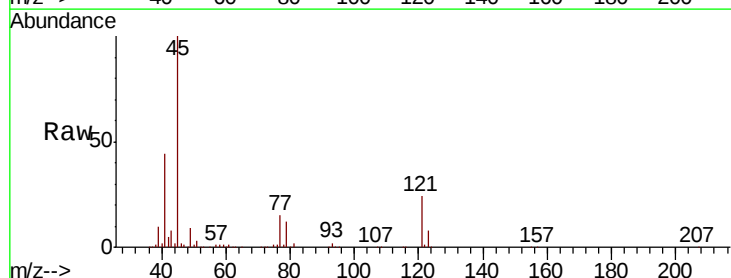
Tgt Ion: 45 Resp: 859756

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.1

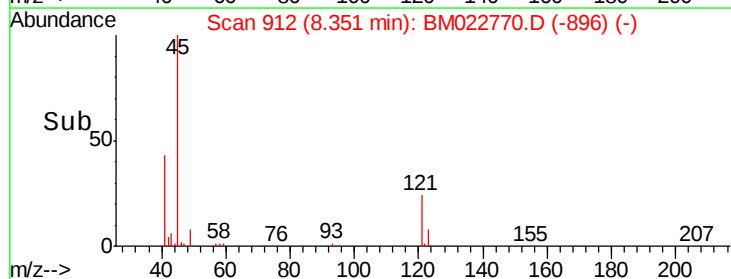
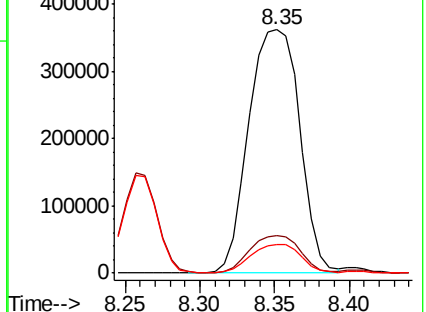
79 11.7 0.0 31.4

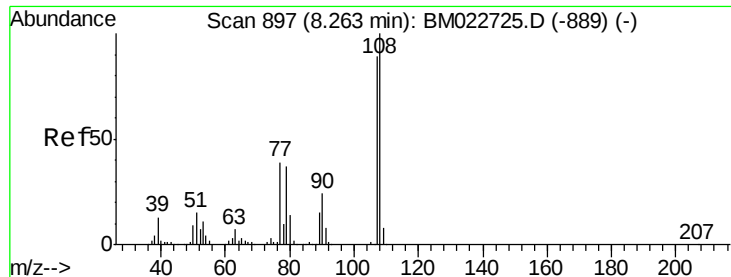


Abundance Ion 45.00 (44.70 to 45.70): BM022770.D (-896) (-)

Ion 77.00 (76.70 to 77.70): BM022770.D (-896) (-)

Ion 79.00 (78.70 to 79.70): BM022770.D (-896) (-)





#17

2-Methylphenol

Concen: 43.146 ng

RT: 8.26 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 539709

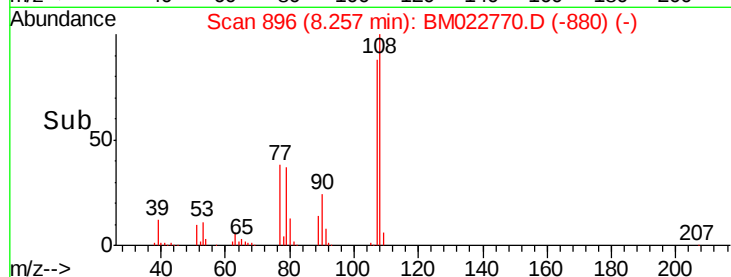
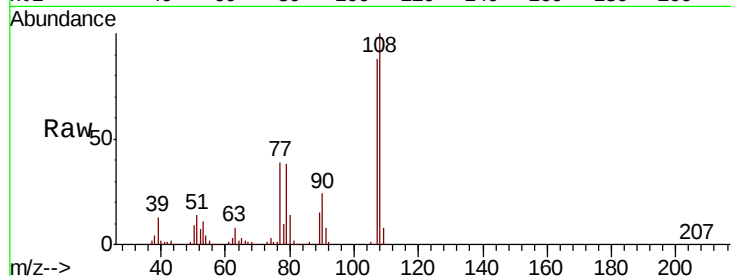
Ion Ratio Lower Upper

107 100

108 113.5 90.0 135.0

77 44.0 35.2 52.8

79 42.8 33.4 50.2

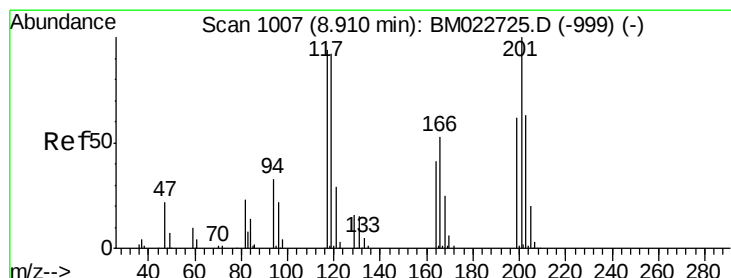
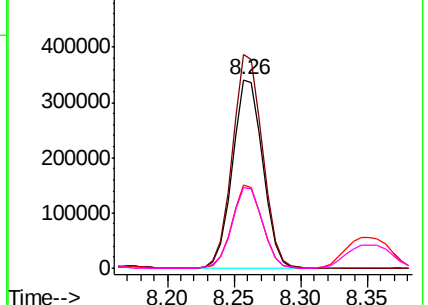


Abundance Ion 107.00 (106.70 to 107.70): E

600000 Ion 108.00 (107.70 to 108.70): E

500000 Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 41.383 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

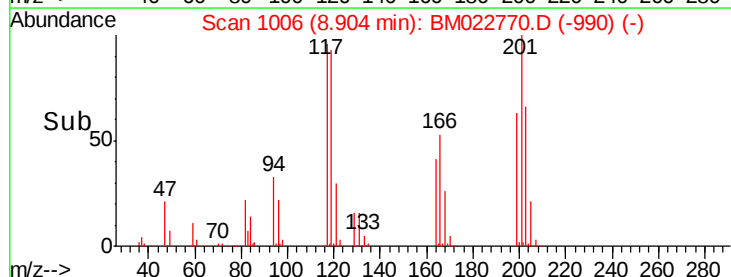
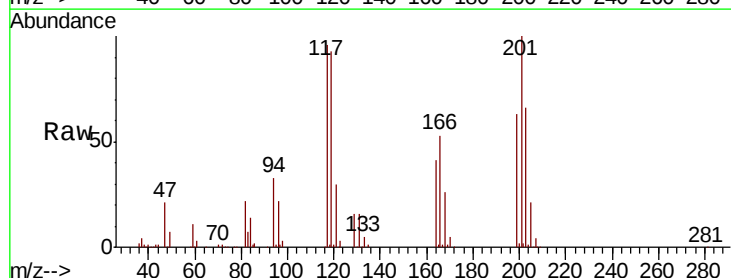
Tgt Ion:117 Resp: 292440

Ion Ratio Lower Upper

117 100

119 96.7 78.0 117.0

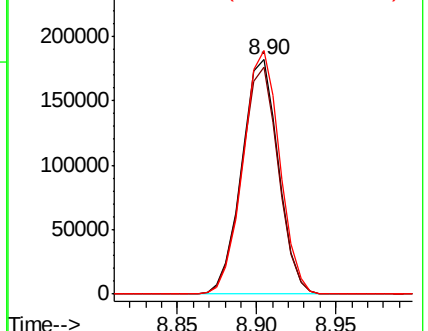
201 103.8 85.0 127.6

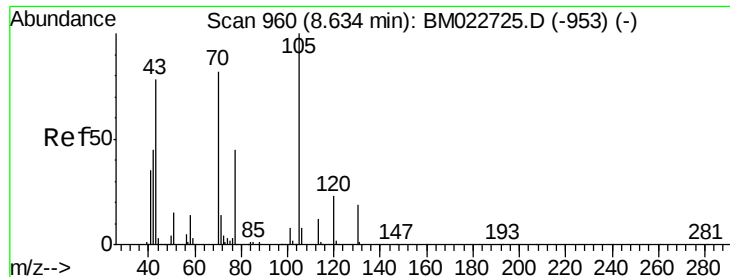


Abundance Ion 117.00 (116.70 to 117.70): E

250000 Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

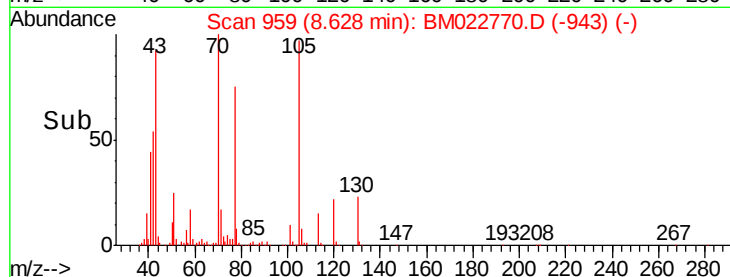
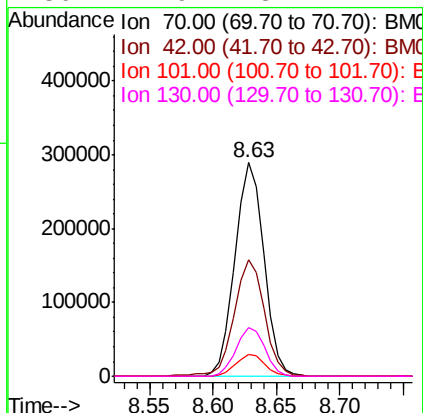
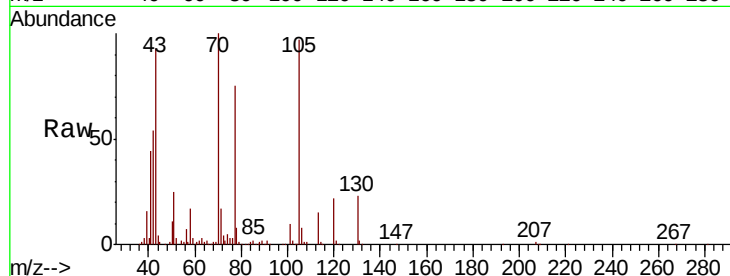




#19
n-Nitroso-di-n-propylamine
Concen: 40.834 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

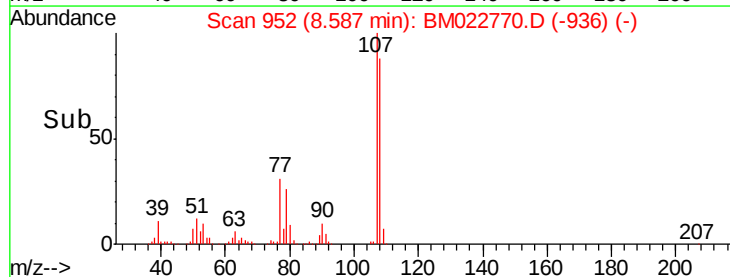
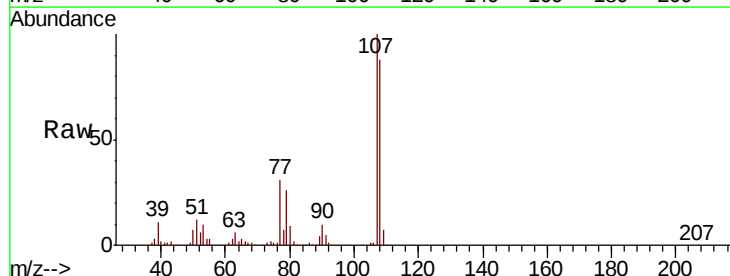
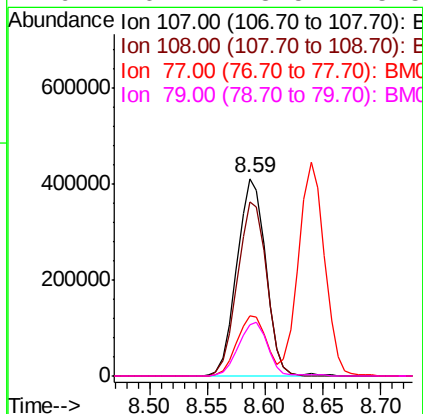
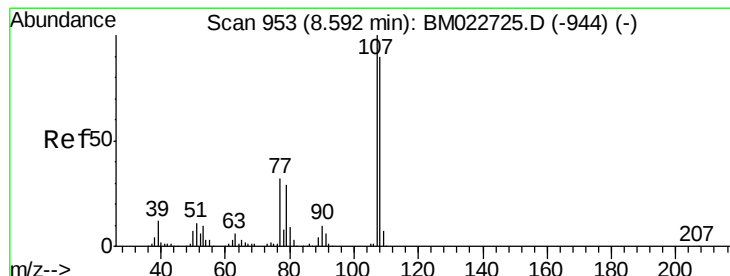
Instrument :
BNA_M
ClientSampleId :

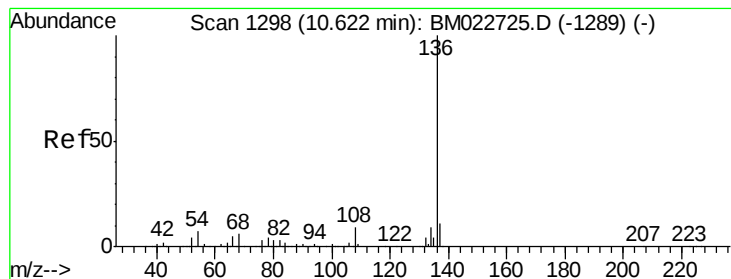
Tot Ion:	70	Resp:	457725
Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.4	66.6
101	10.3	7.8	11.6
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.987 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:	107	Resp:	716204
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	30.8	12.1	52.1
79	26.2	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 944123

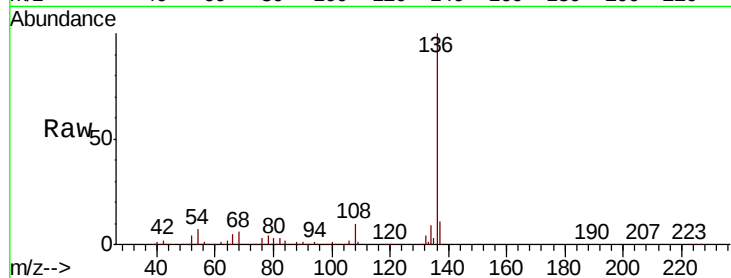
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.3 6.0 9.0

68 6.0 4.9 7.3

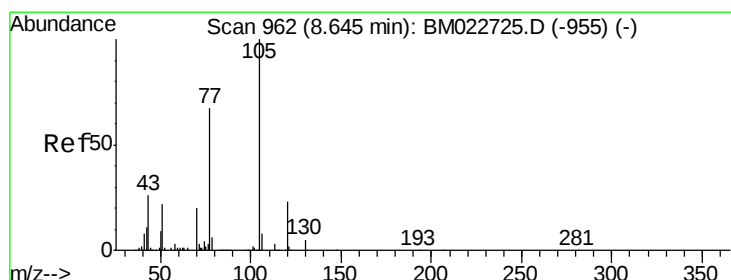
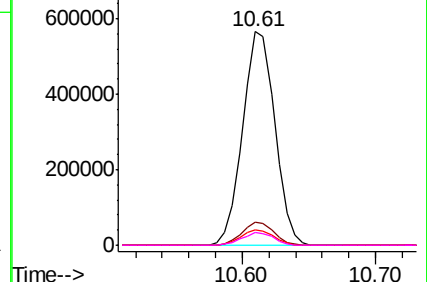
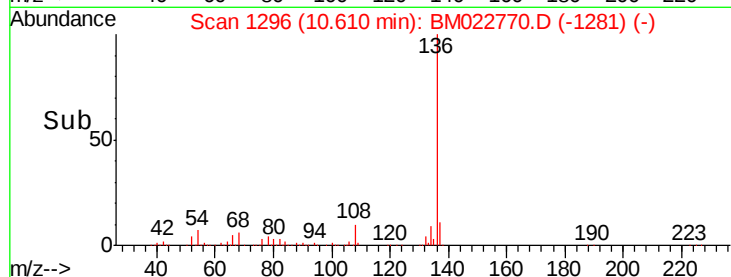


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.930 ng

RT: 8.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:105 Resp: 930558

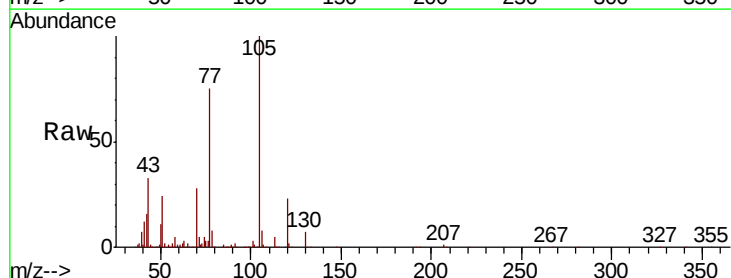
Ion Ratio Lower Upper

105 100

71 4.6 2.7 4.1#

51 24.0 19.9 29.9

120 23.1 18.3 27.5

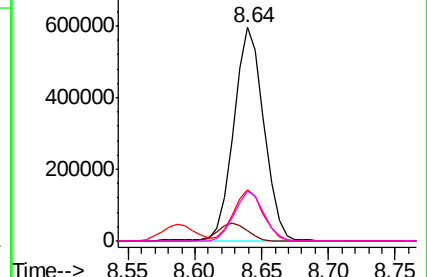
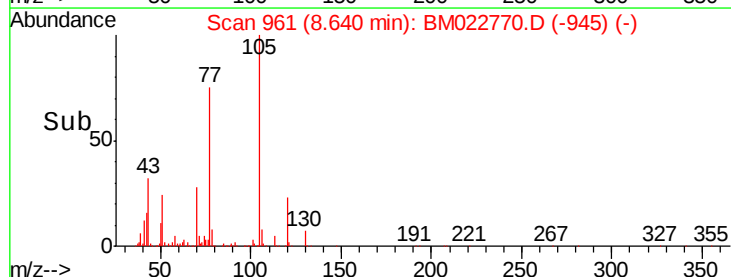


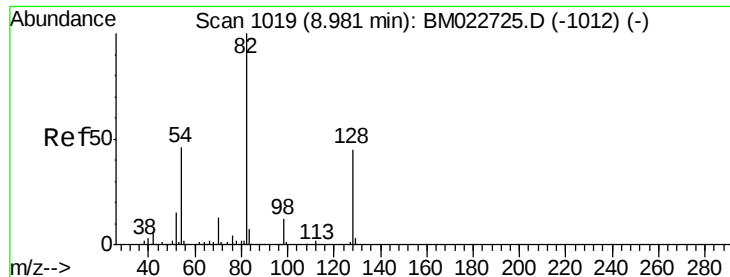
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

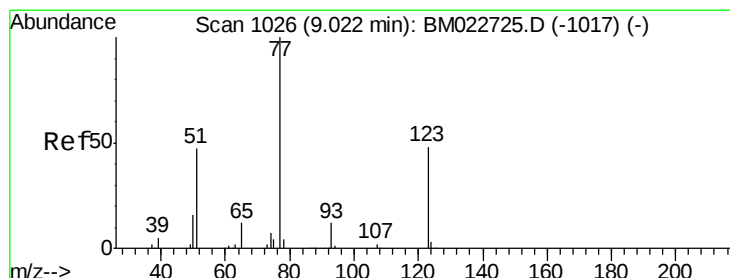
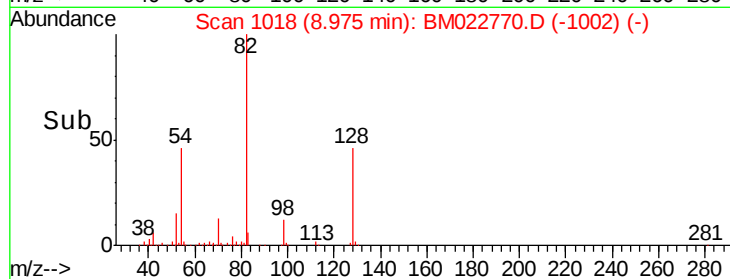
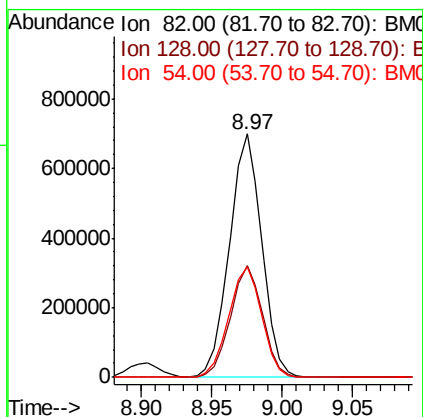
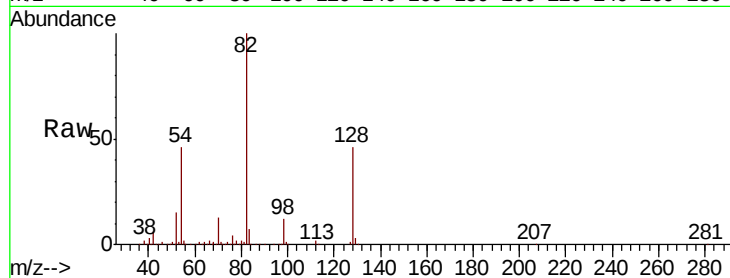




#23
 Nitrobenzene-d5
 Concen: 65.399 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

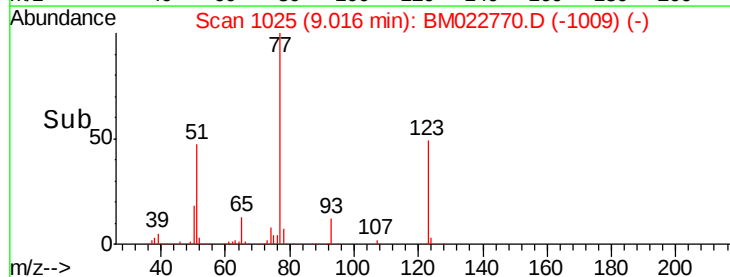
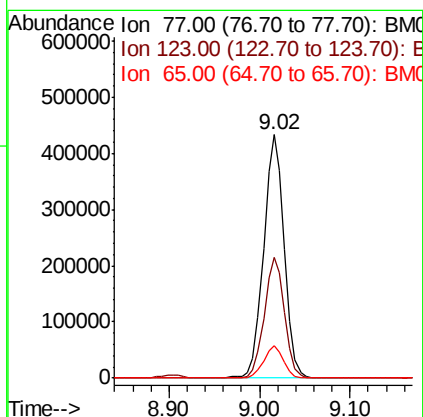
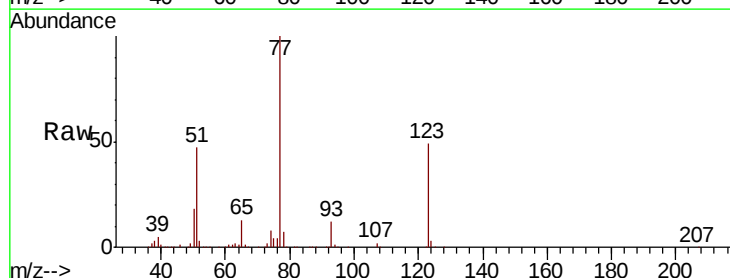
Instrument :
 BNA_M
 ClientSampleId :

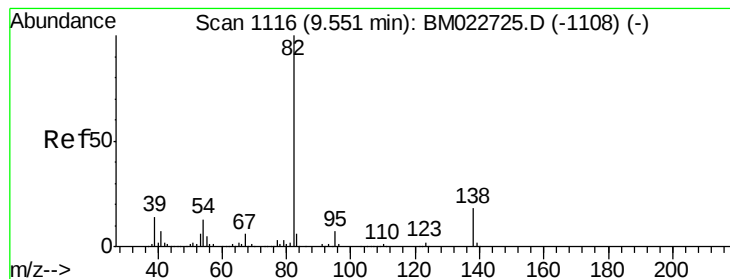
Tot Ion: 82 Resp: 1112308
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.0 54.0
 54 45.6 37.1 55.7



#24
 Nitrobenzene
 Concen: 42.004 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion: 77 Resp: 683537
 Ion Ratio Lower Upper
 77 100
 123 49.4 38.0 57.0
 65 13.1 10.0 15.0





#25

Isophorone

Concen: 43.302 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

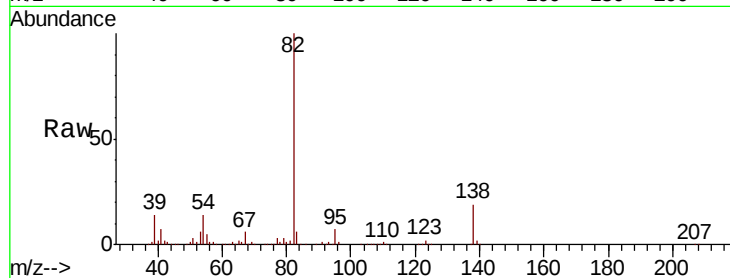
Tot Ion: 82 Resp: 1210972

Ion Ratio Lower Upper

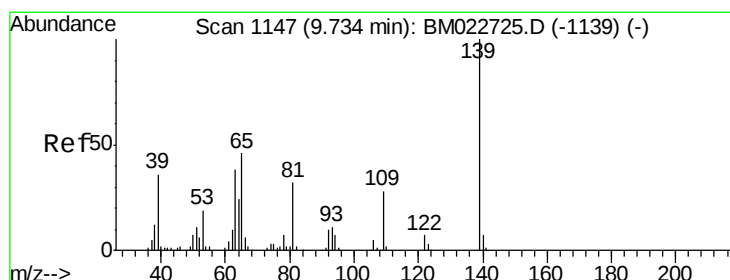
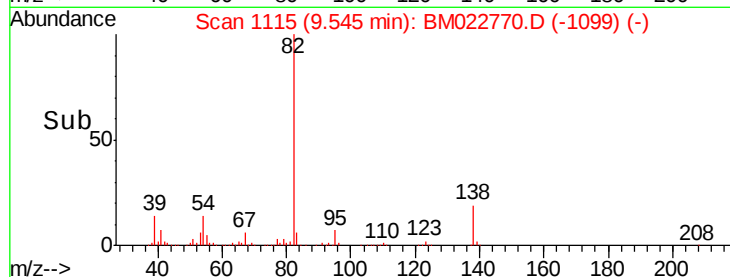
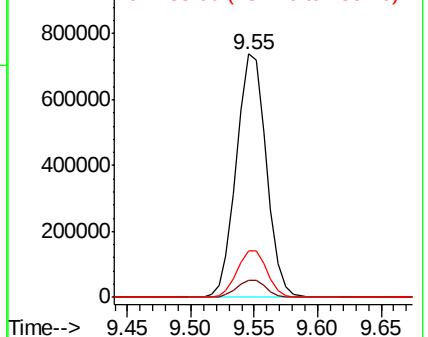
82 100

95 6.9 5.4 8.0

138 19.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 48.846 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

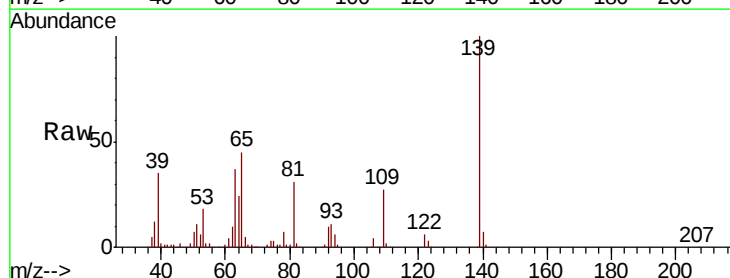
Tgt Ion: 139 Resp: 343153

Ion Ratio Lower Upper

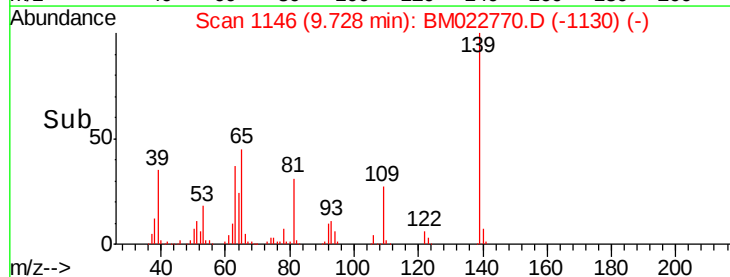
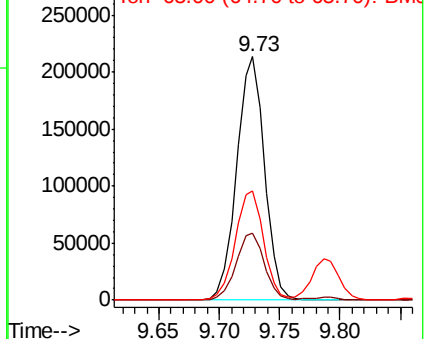
139 100

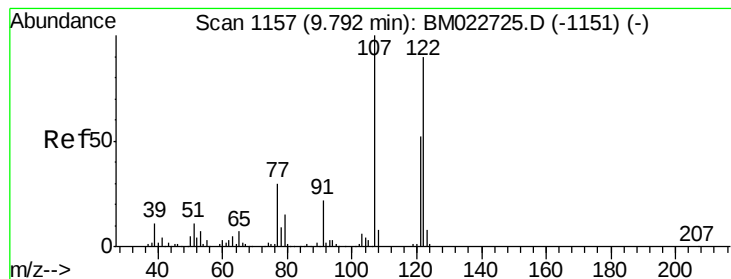
109 27.5 22.6 33.8

65 45.1 37.0 55.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

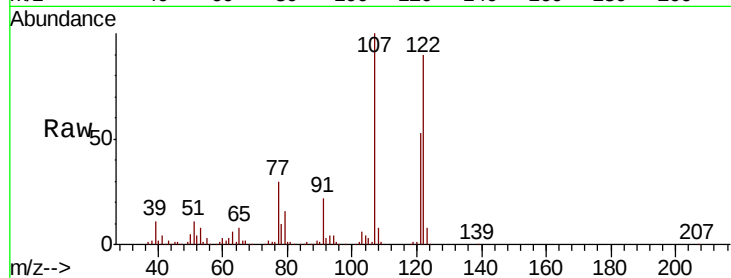




#27
 2,4-Dimethylphenol
 Concen: 50.763 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.9	133.3
121	59.1	46.5	69.7

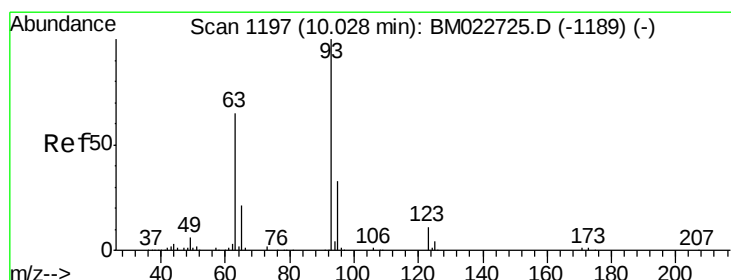
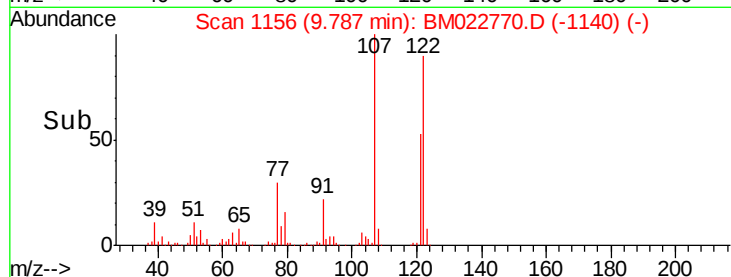
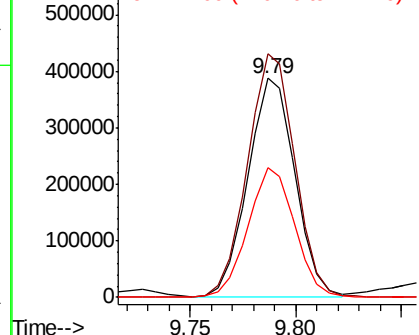


Abundance

Ion 122.00 (121.70 to 122.70): E

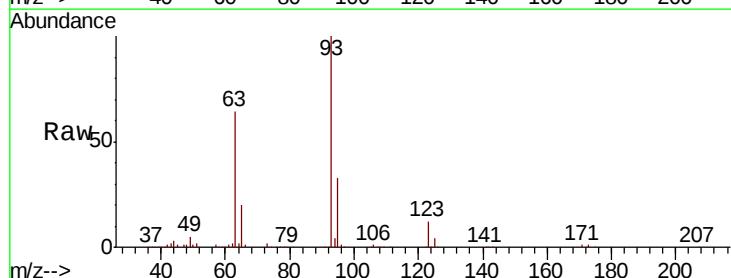
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.550 ng
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.8	9.0	13.6

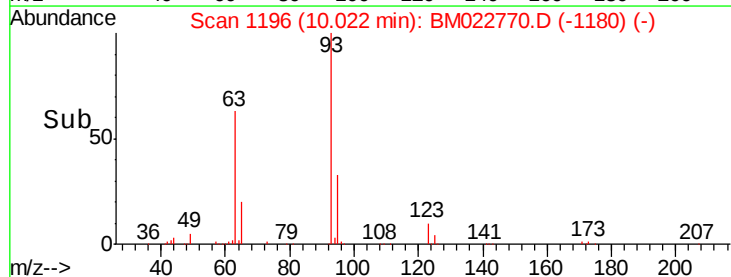
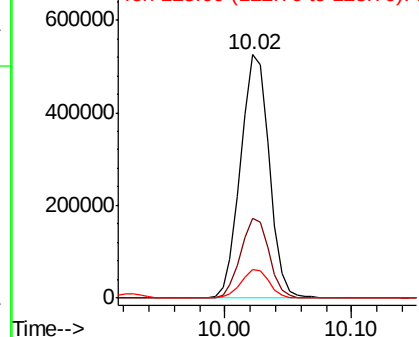


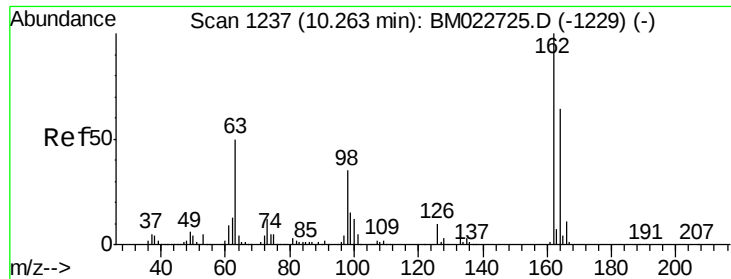
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

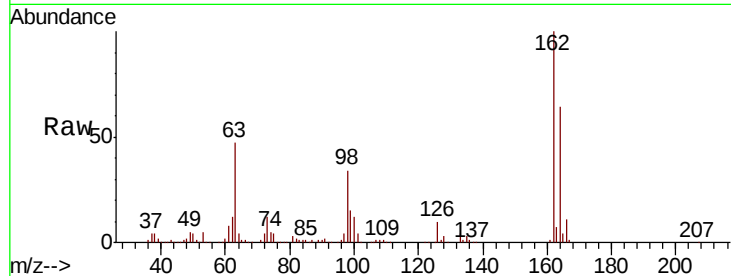




#29
2,4-Dichlorophenol
Concen: 46.100 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.4	84.4
98	33.6	14.8	54.8

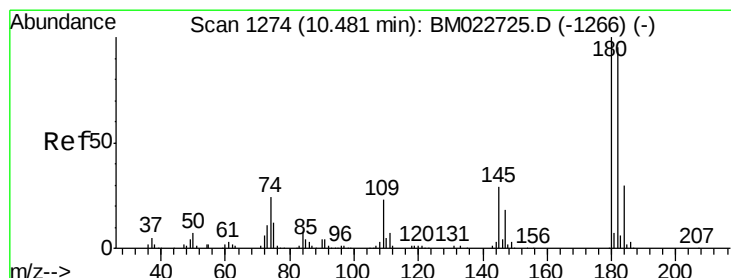
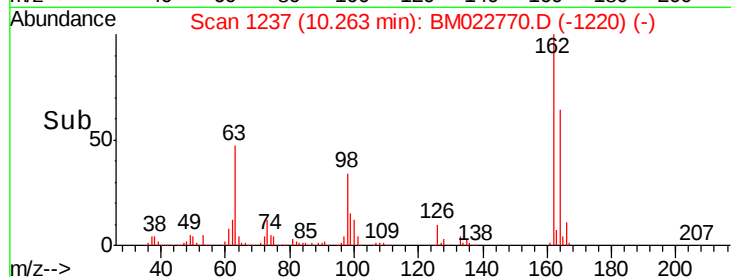
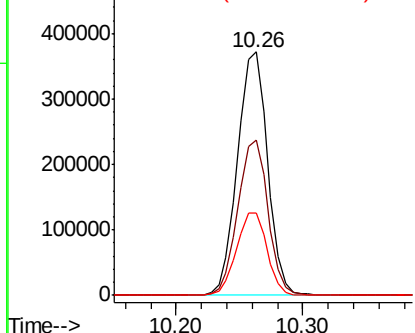


Abundance

Ion 162.00 (161.70 to 162.70): E

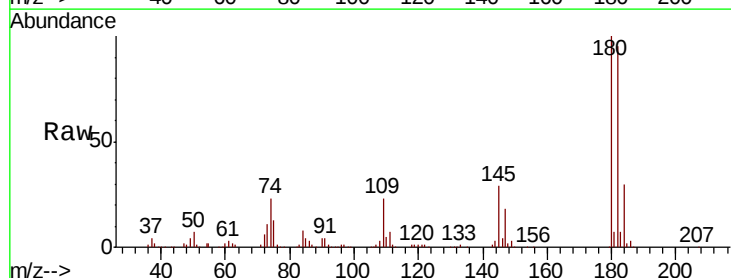
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 42.638 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	28.8	23.0	34.4

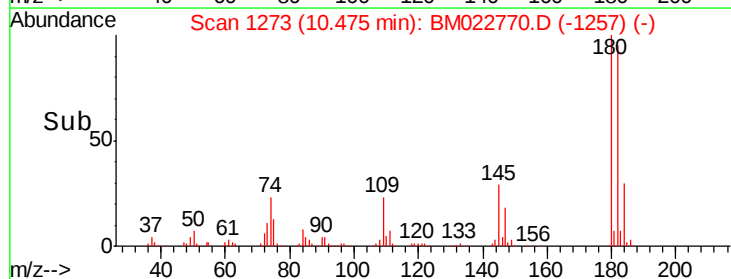
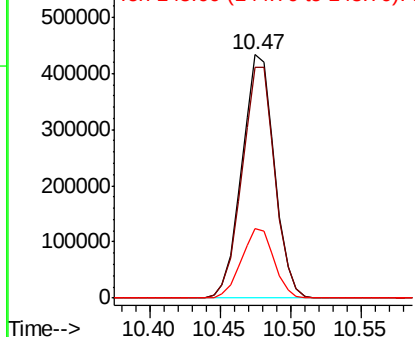


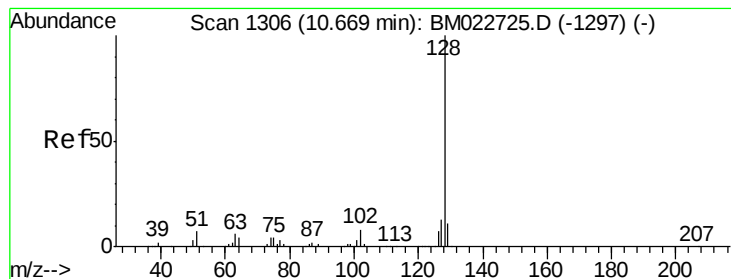
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.972 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

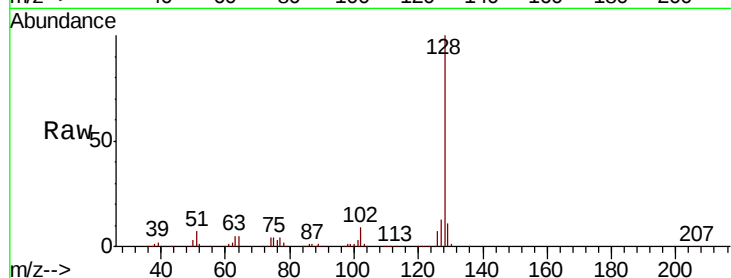
Tot Ion:128 Resp: 2004629

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

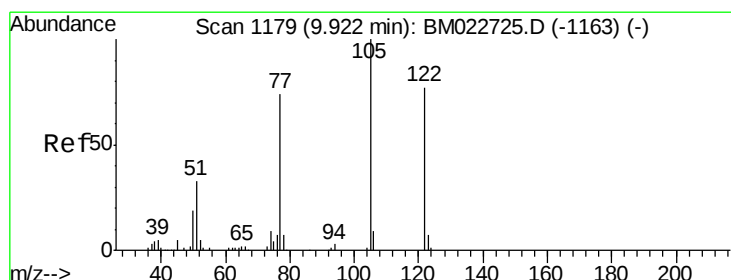
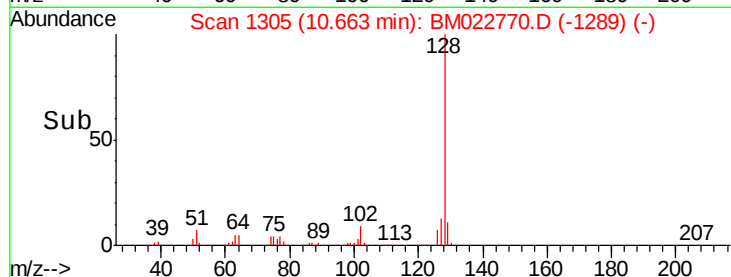
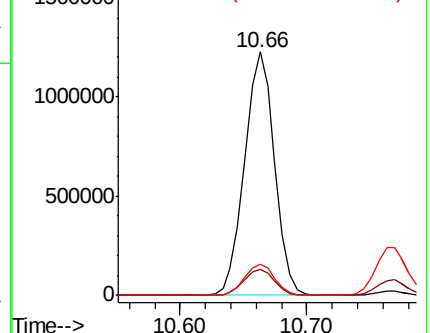
127 13.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.903 ng

RT: 9.93 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

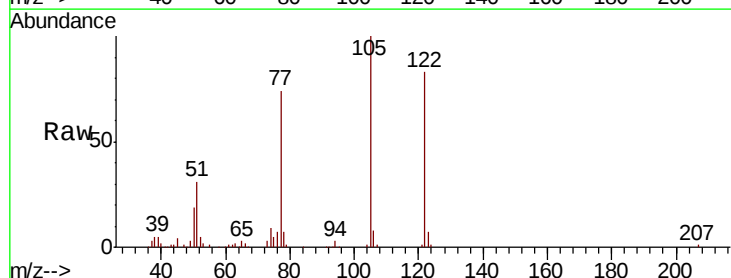
Tgt Ion:122 Resp: 351733

Ion Ratio Lower Upper

122 100

105 119.9 105.3 145.3

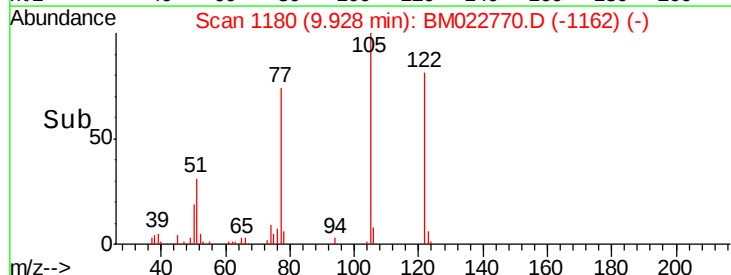
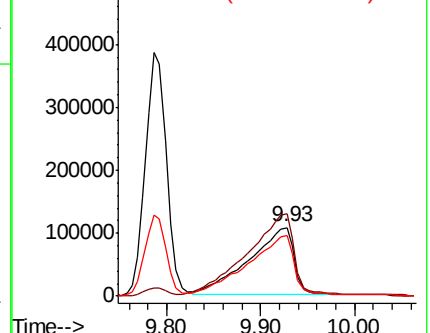
77 89.0 74.7 114.7

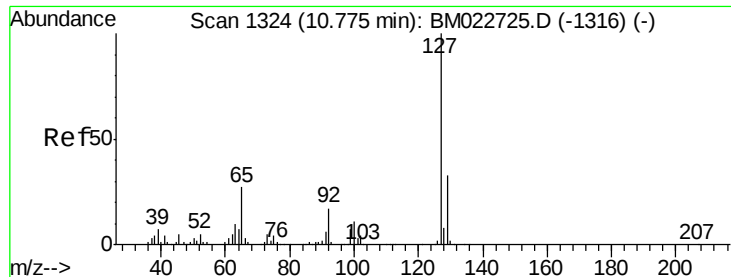


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

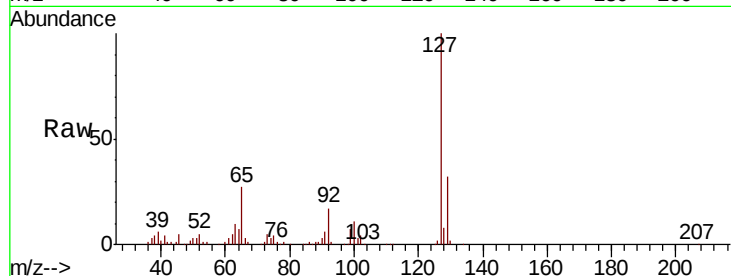




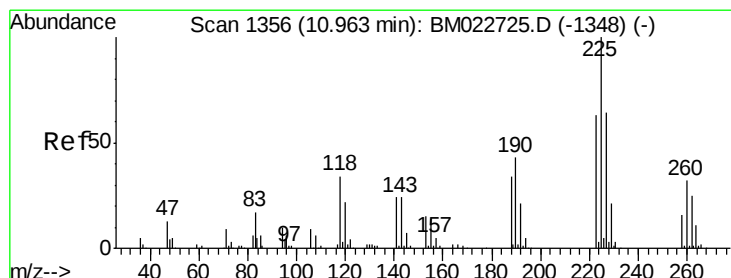
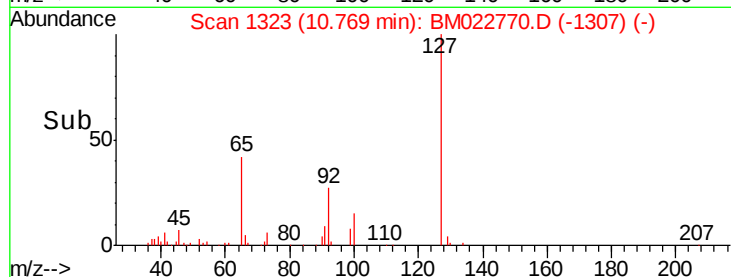
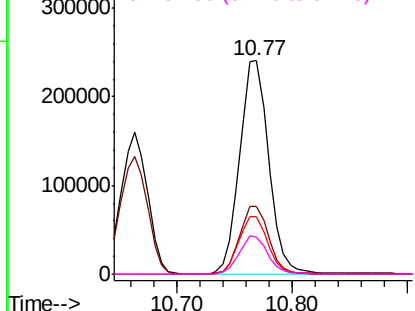
#33
4-Chloroaniline
Concen: 20.996 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	425265
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.1 39.1
65	26.8	22.0 33.0
92	17.3	13.8 20.8

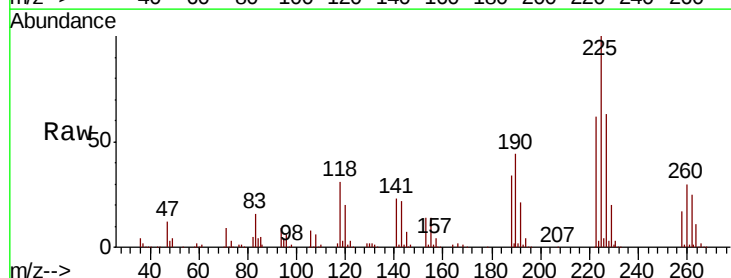


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

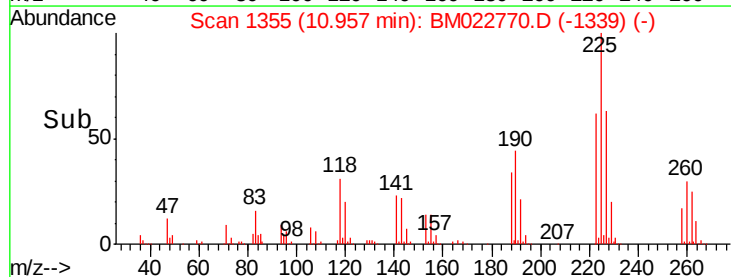
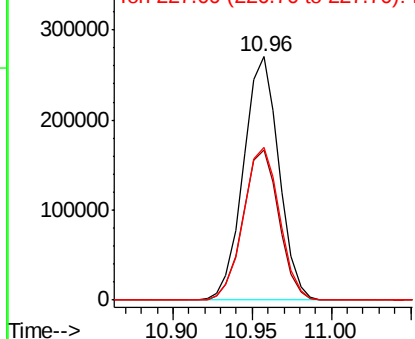


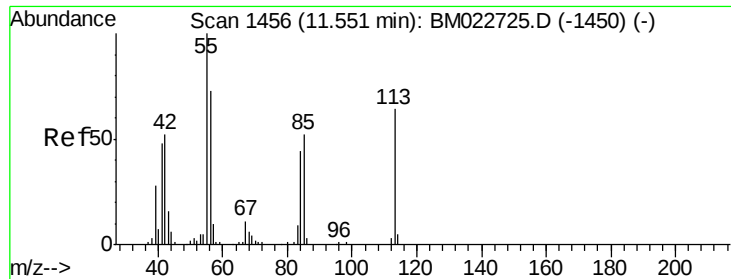
#34
Hexachlorobutadiene
Concen: 43.060 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:225	Resp:	419924
Ion Ratio	Lower	Upper
225	100	
223	61.9	50.2 75.4
227	62.8	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.496 ng

RT: 11.56 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampled :

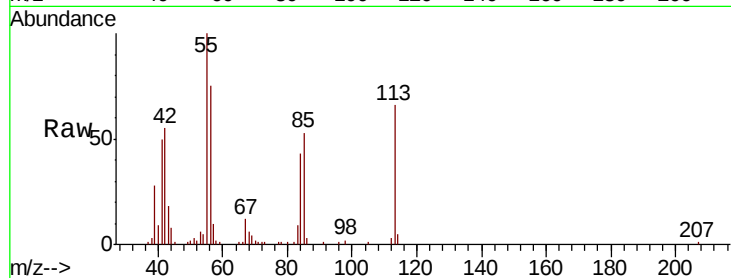
Tot Ion:113 Resp: 80795

Ion Ratio Lower Upper

113 100

55 151.8 136.8 176.8

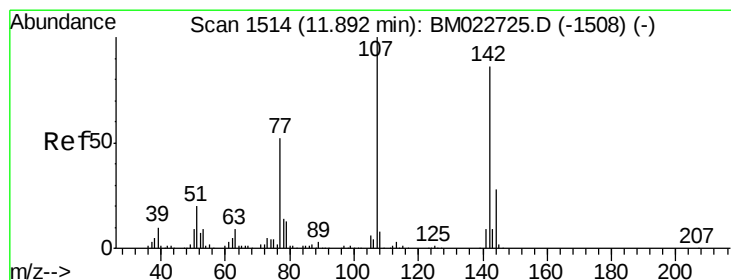
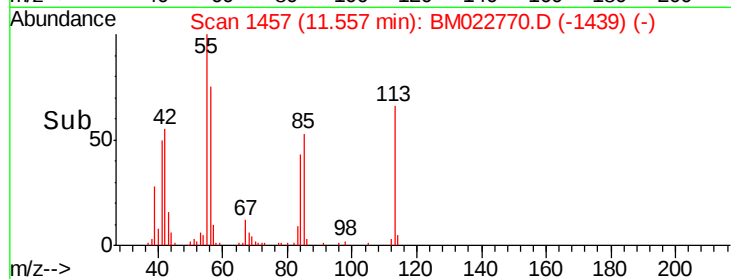
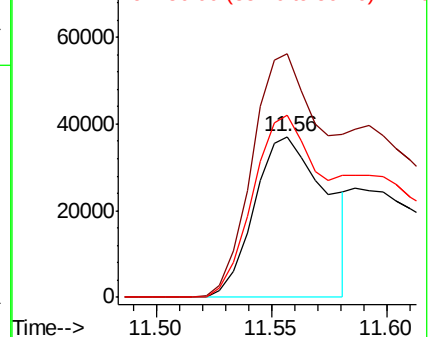
56 113.6 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.511 ng

RT: 11.89 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

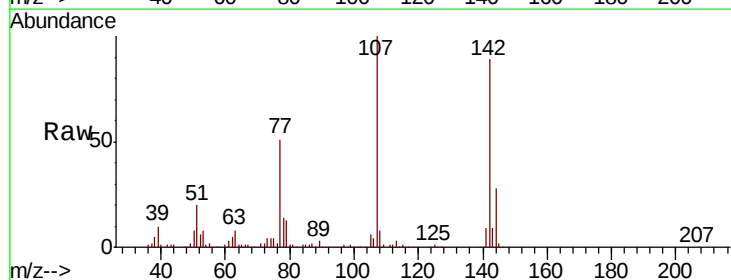
Tgt Ion:107 Resp: 564467

Ion Ratio Lower Upper

107 100

144 27.6 22.4 33.6

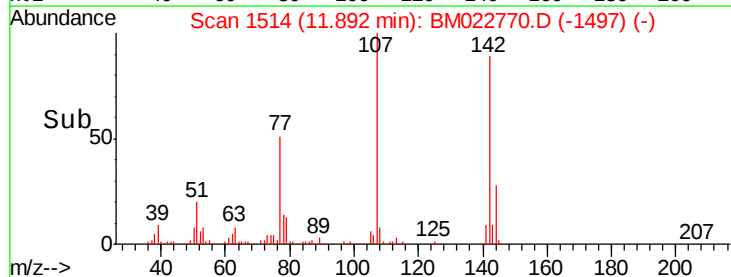
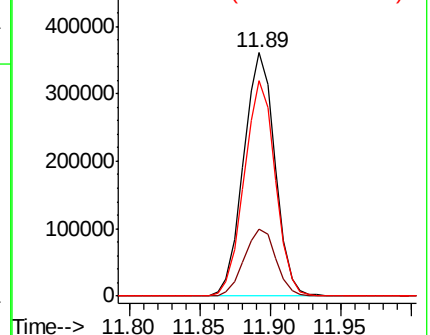
142 88.7 68.2 102.4

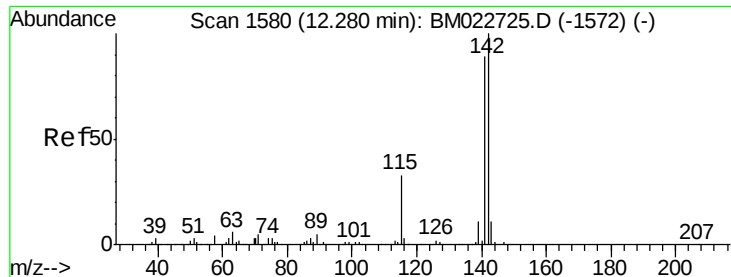


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

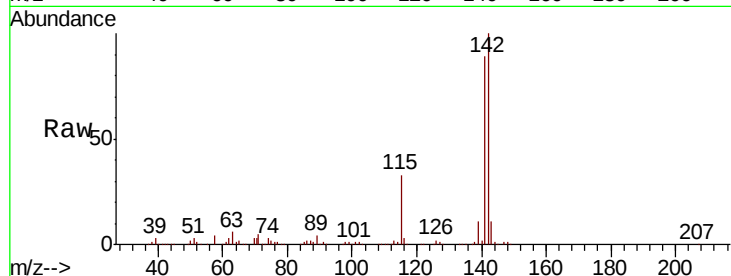




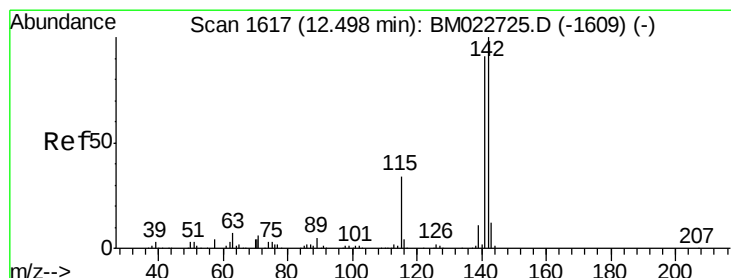
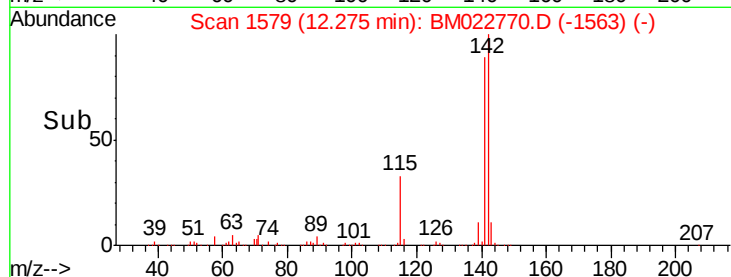
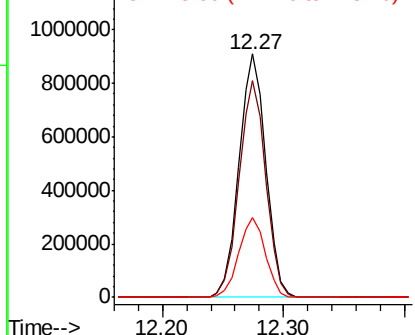
#37
2-Methylnaphthalene
Concen: 43.252 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1404472
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3
115 32.6 26.1 39.1

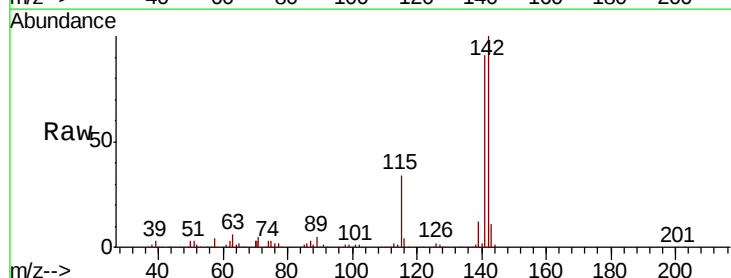


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

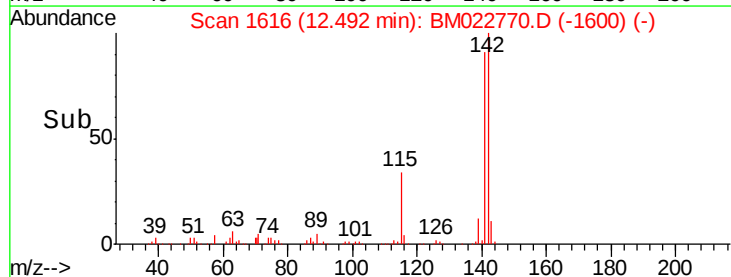
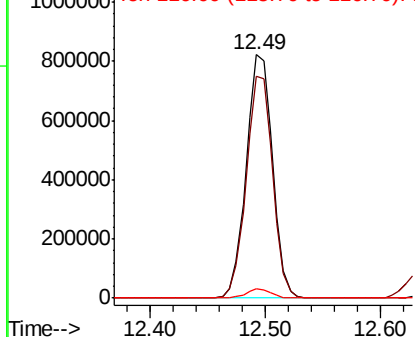


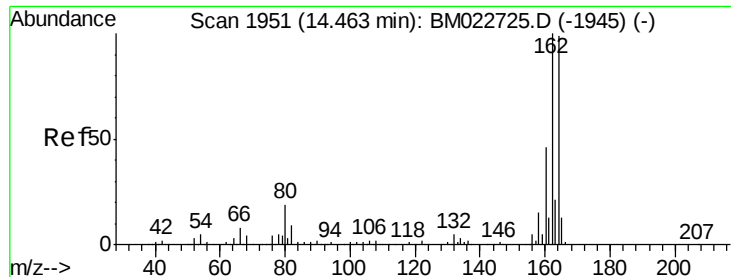
#38
1-Methylnaphthalene
Concen: 42.212 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:142 Resp: 1301103
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4
116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

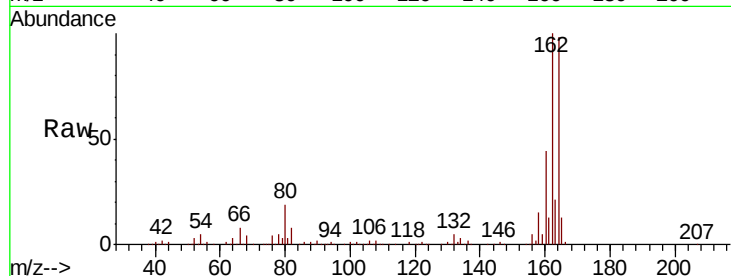
Tot Ion:164 Resp: 509126

Ion Ratio Lower Upper

164 100

162 101.9 81.1 121.7

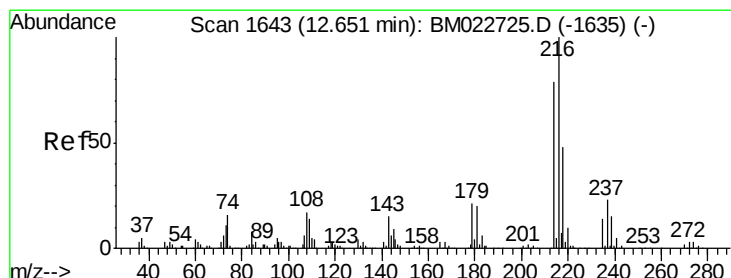
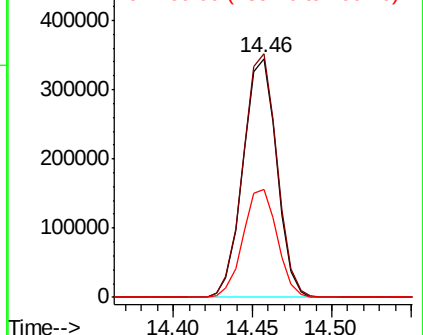
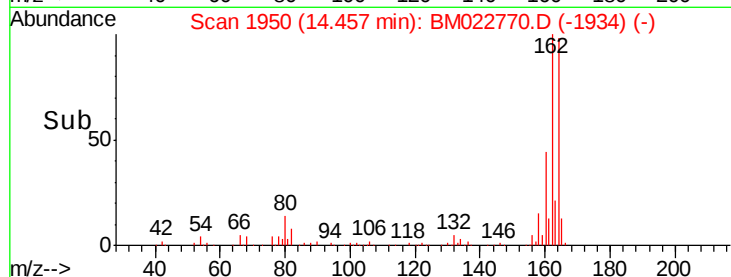
160 45.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.517 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:216 Resp: 750731

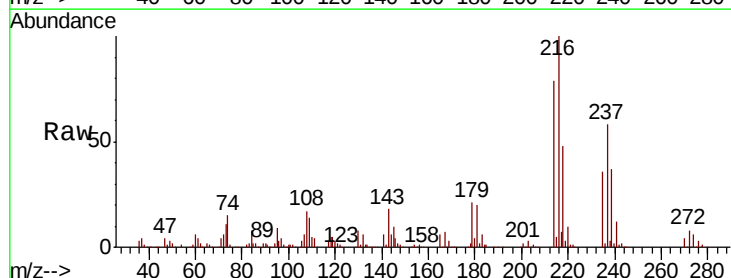
Ion Ratio Lower Upper

216 100

214 78.7 62.9 94.3

179 20.4 16.6 24.8

108 19.5 14.2 21.4

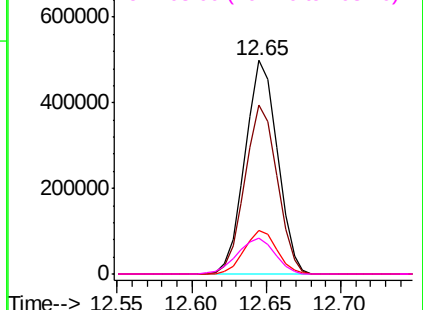
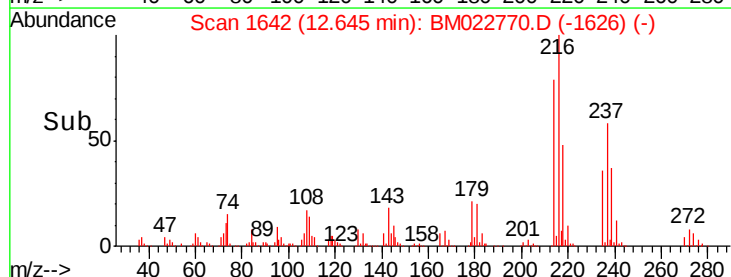


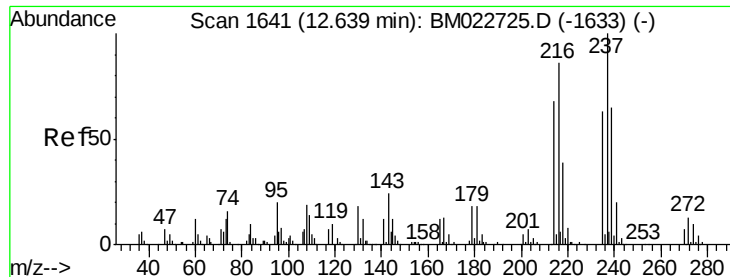
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 108.393 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

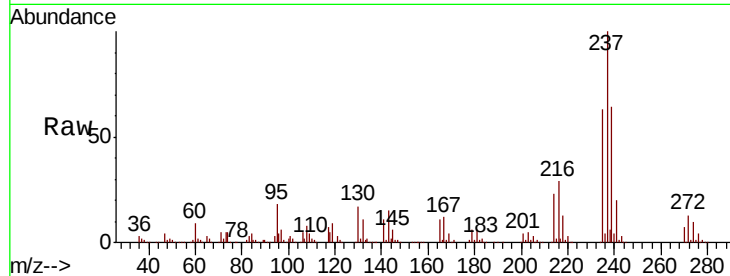
Tot Ion:237 Resp: 1020252

Ion Ratio Lower Upper

237 100

235 63.5 43.3 83.3

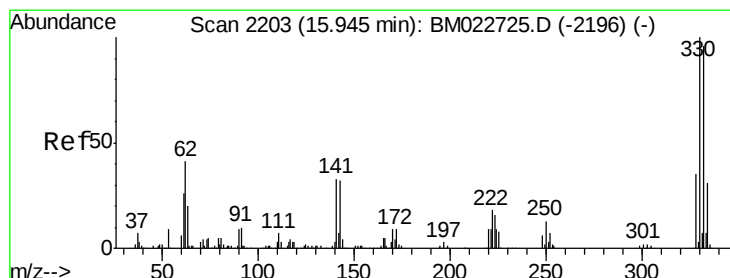
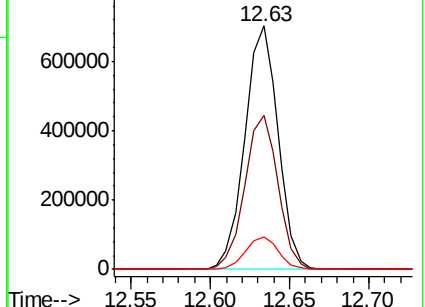
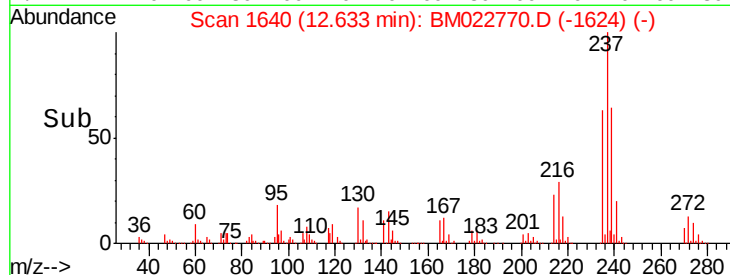
272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.359 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

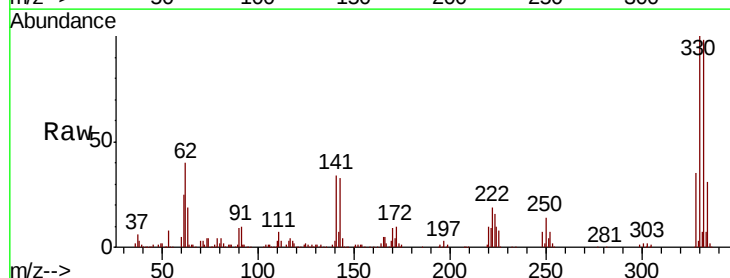
Tgt Ion:330 Resp: 688692

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

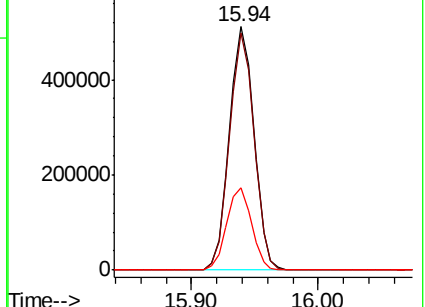
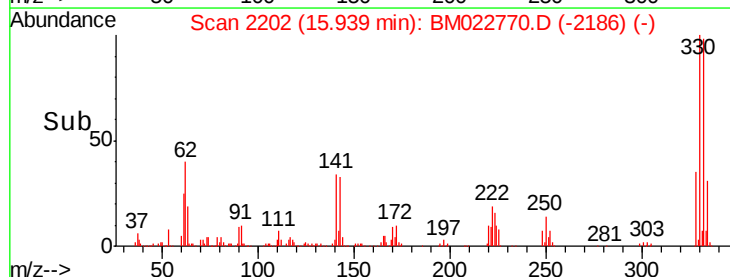
141 34.2 28.6 42.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

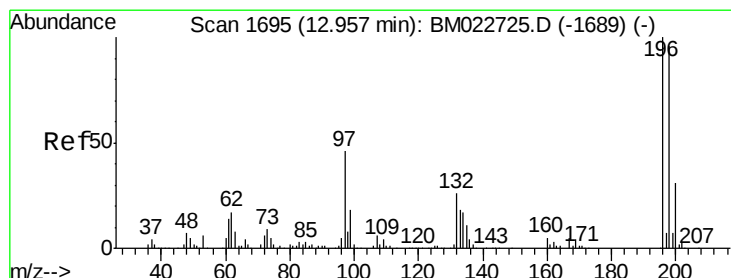
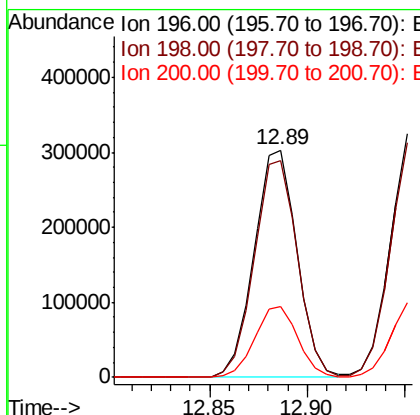
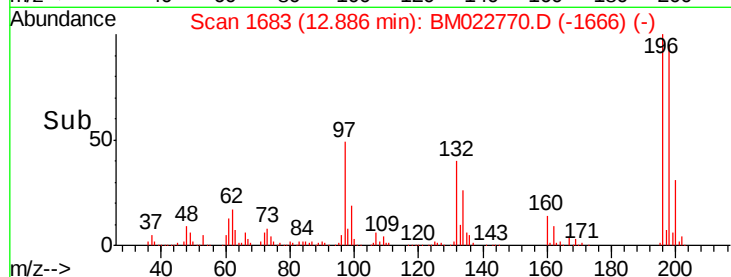
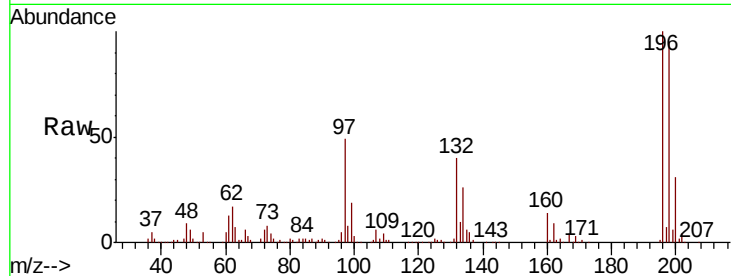




#43
 2,4,6-Trichlorophenol
 Concen: 46.276 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

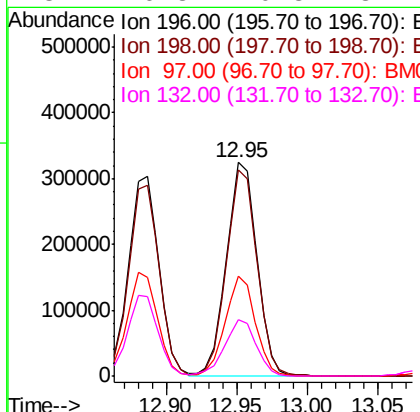
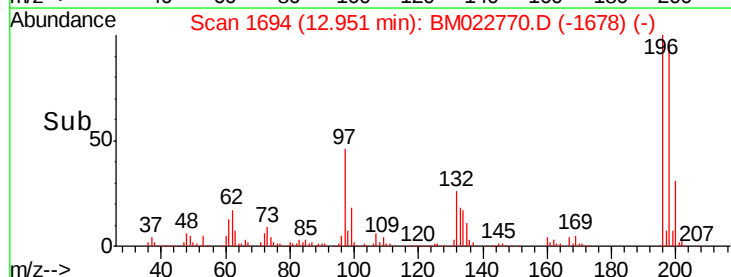
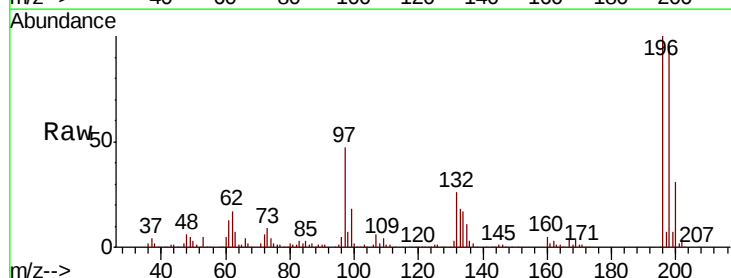
Instrument :
 BNA_M
 ClientSampleId :

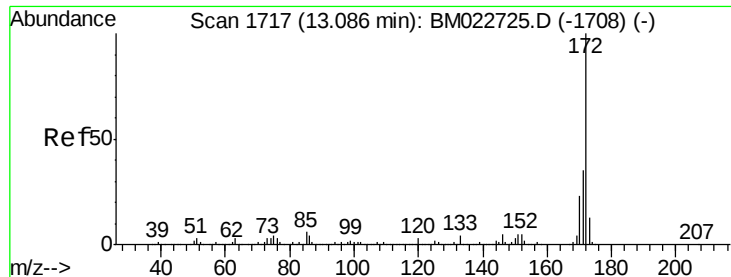
Tot Ion	196	Resp	460765
Ion Ratio	100		
Lower	76.3		
Upper	114.5		
198	95.5		
200	31.3		



#44
 2,4,5-Trichlorophenol
 Concen: 46.879 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	196	Resp	486410
Ion Ratio	100		
Lower	77.0		
Upper	115.4		
198	96.3		
97	46.6		
132	26.3		



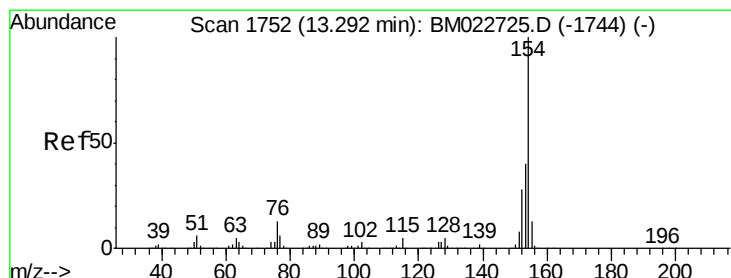
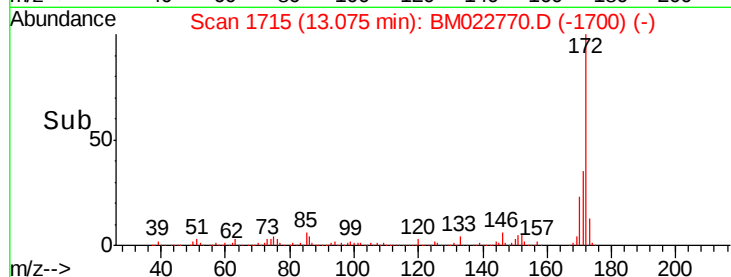
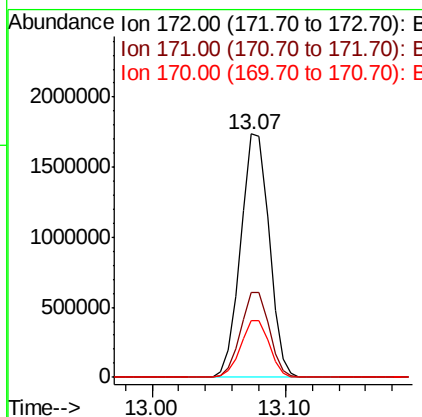
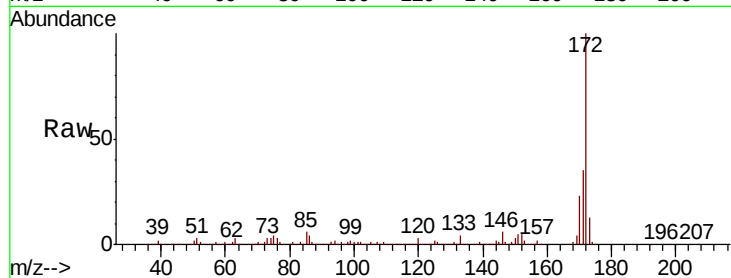


#45
 2-Fluorobiphenyl
 Concen: 69.277 ng
 RT: 13.07 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2561346

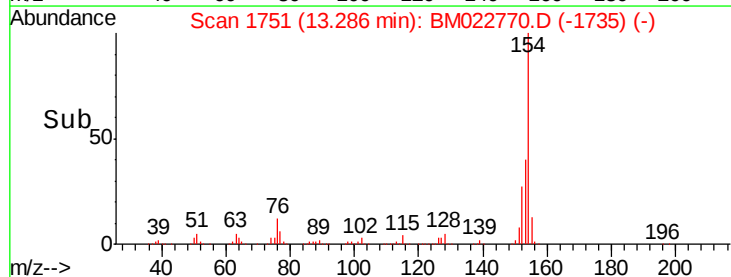
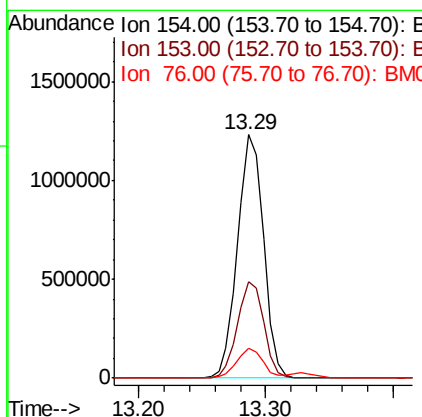
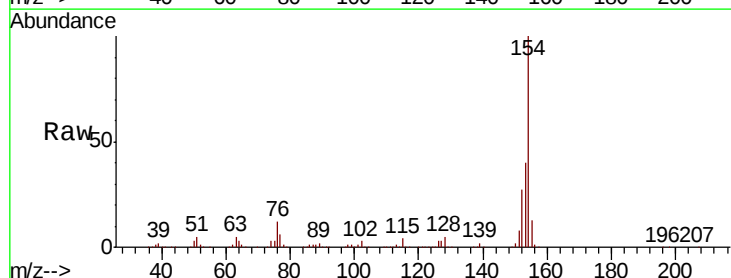
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.5	18.7	28.1



#46
 1,1'-Biphenyl
 Concen: 41.368 ng
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion:154 Resp: 1743130

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.1	60.1
76	12.2	0.0	32.6

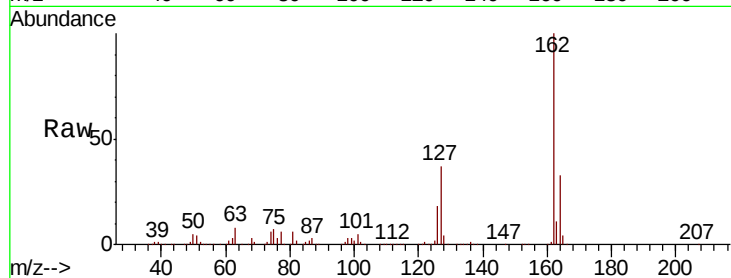




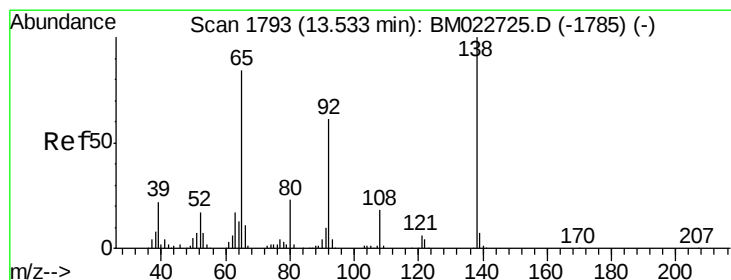
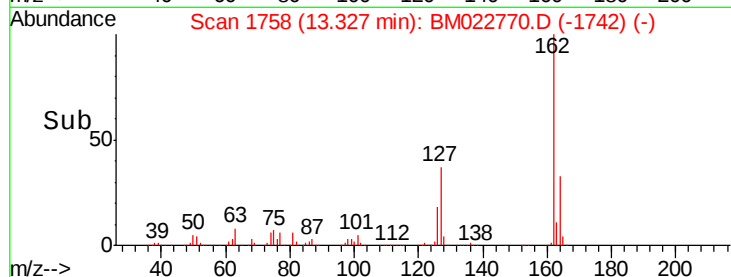
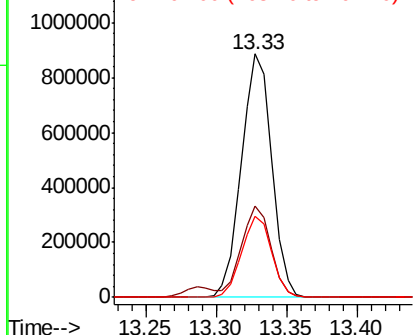
#47
 2-Chloronaphthalene
 Concen: 42.404 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 1331759
 Ion Ratio Lower Upper
 162 100
 127 37.3 29.0 43.6
 164 33.2 26.0 39.0

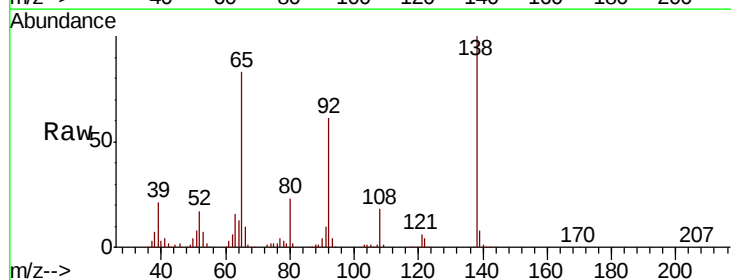


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

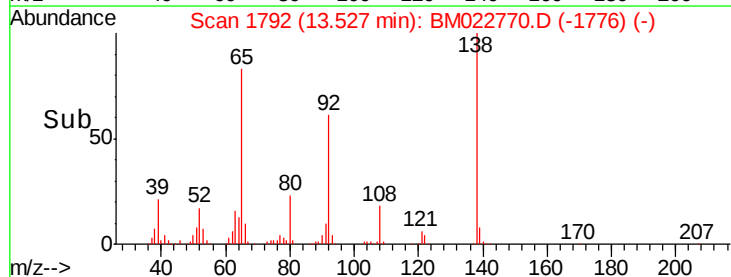
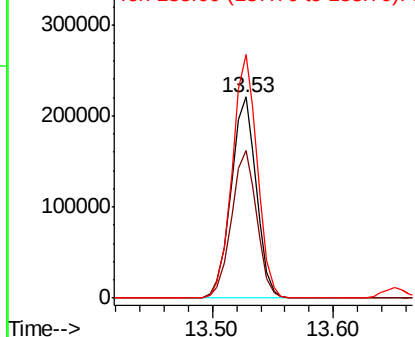


#48
 2-Nitroaniline
 Concen: 39.337 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion: 65 Resp: 321705
 Ion Ratio Lower Upper
 65 100
 92 73.4 58.6 87.8
 138 121.0 95.4 143.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.045 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

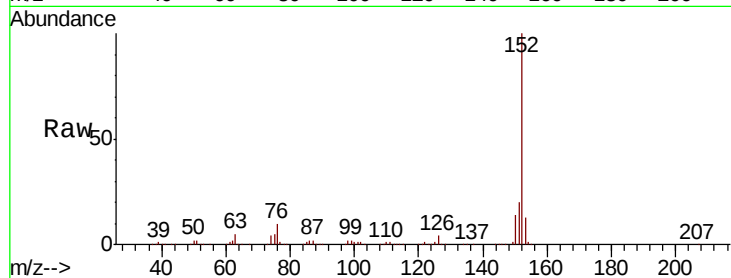
Tot Ion:152 Resp: 2048430

Ion Ratio Lower Upper

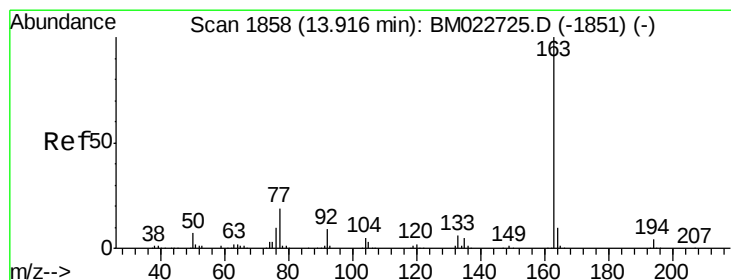
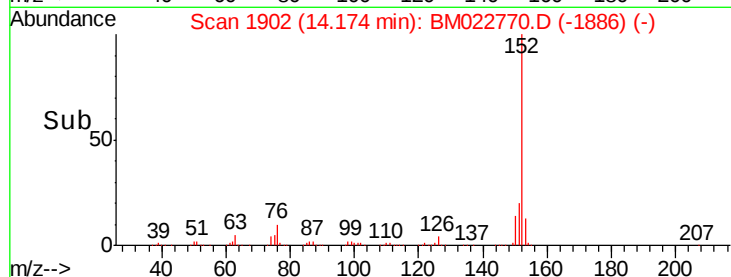
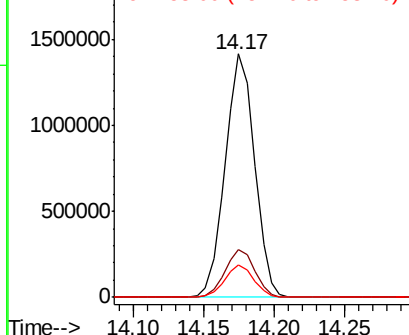
152 100

151 19.8 15.9 23.9

153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.426 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

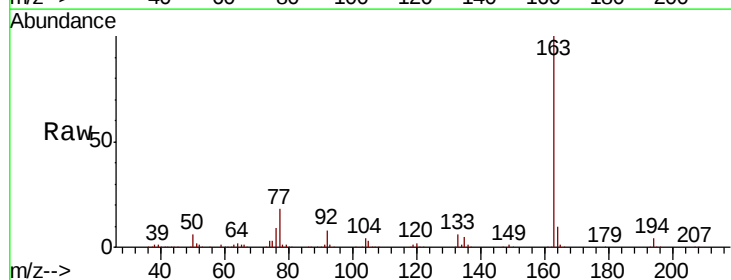
Tgt Ion:163 Resp: 1524208

Ion Ratio Lower Upper

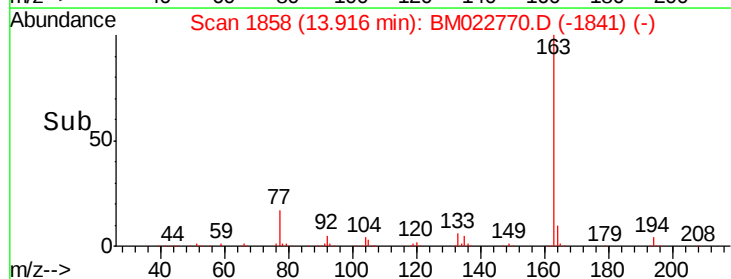
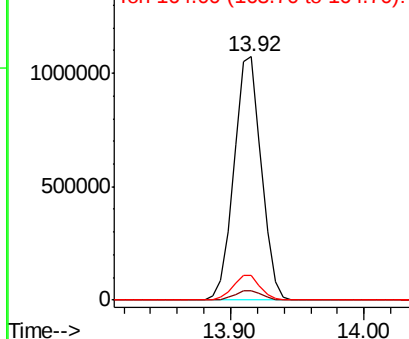
163 100

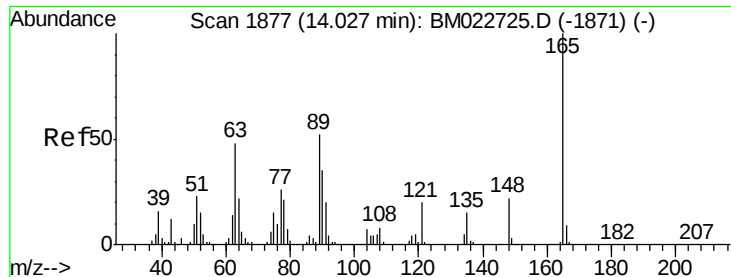
194 4.1 3.3 4.9

164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.166 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

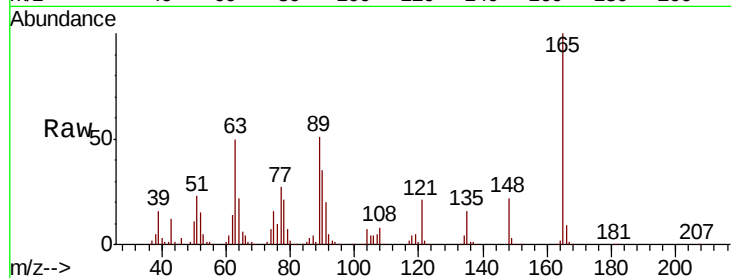
Tot Ion:165 Resp: 332215

Ion Ratio Lower Upper

165 100

63 50.2 38.6 58.0

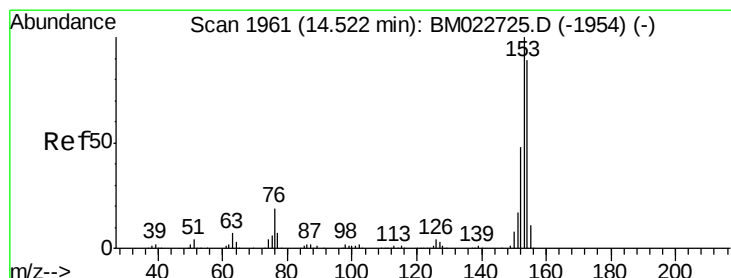
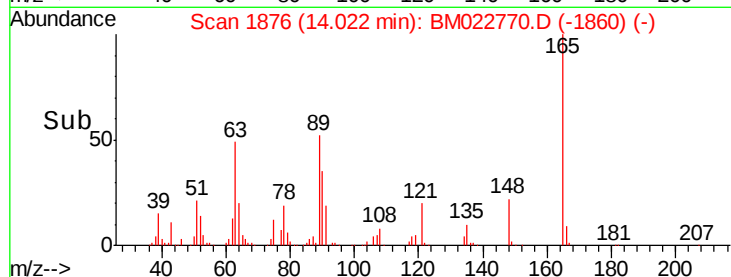
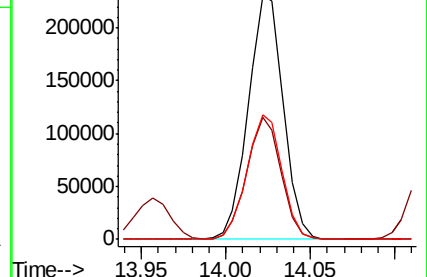
89 51.4 41.6 62.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 40.730 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

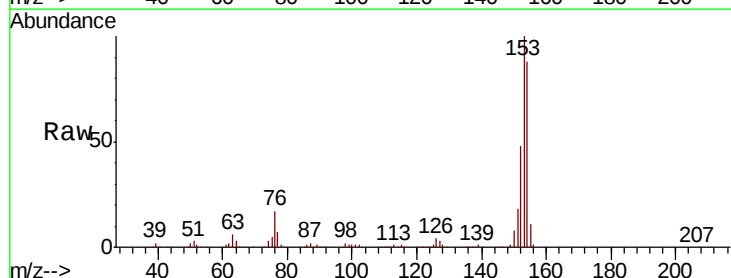
Tgt Ion:154 Resp: 1239292

Ion Ratio Lower Upper

154 100

153 113.2 90.0 135.0

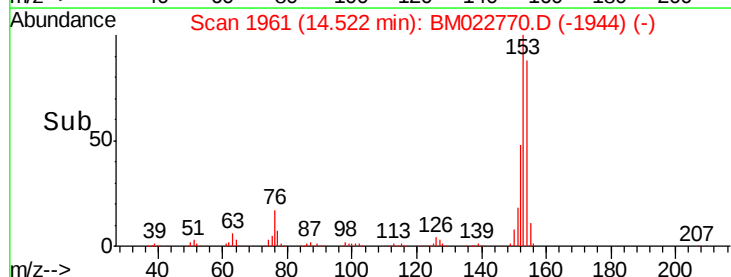
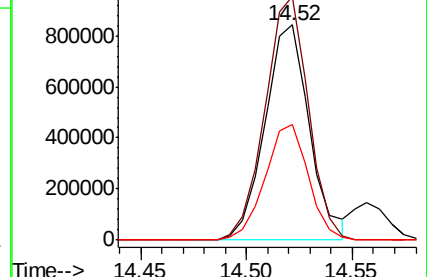
152 54.0 42.9 64.3

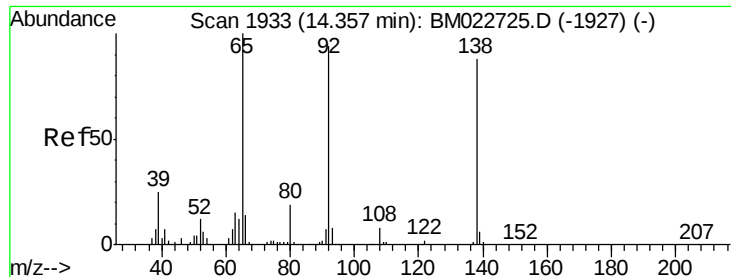


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

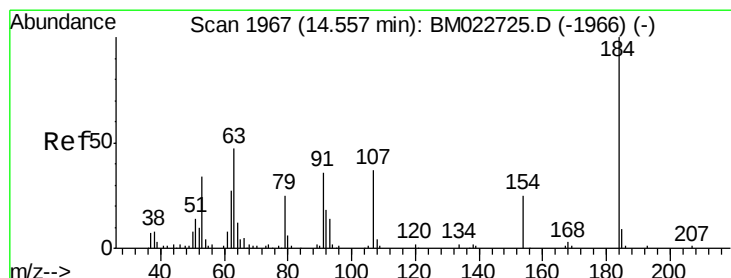
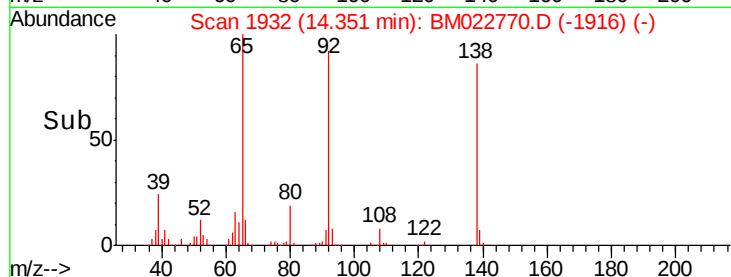
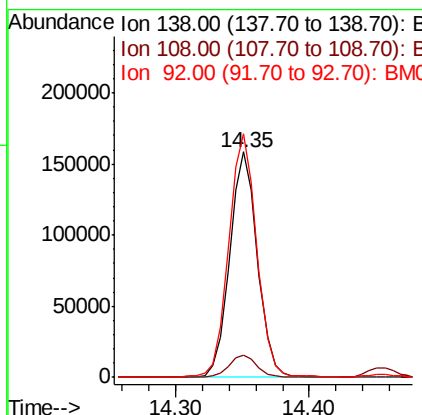
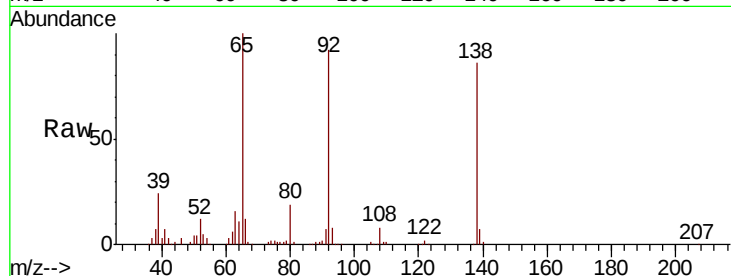




#53
3-Nitroaniline
Concen: 25.848 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

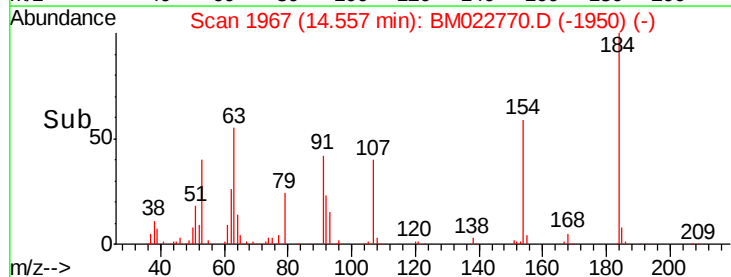
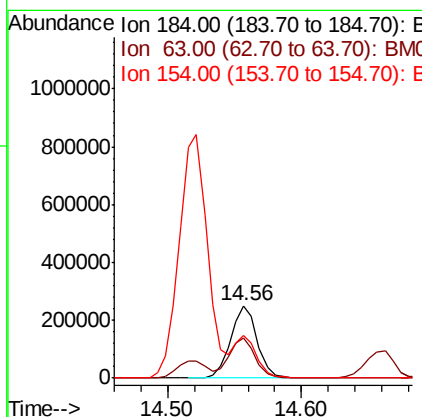
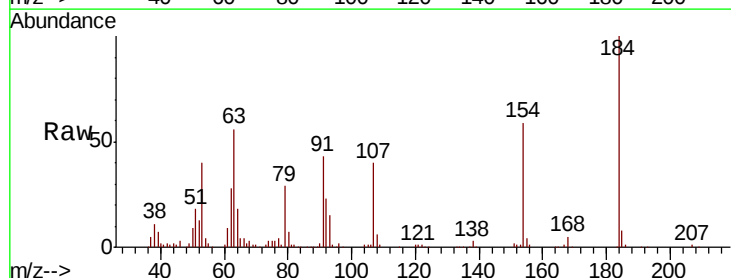
Instrument :
BNA_M
ClientSampleId :

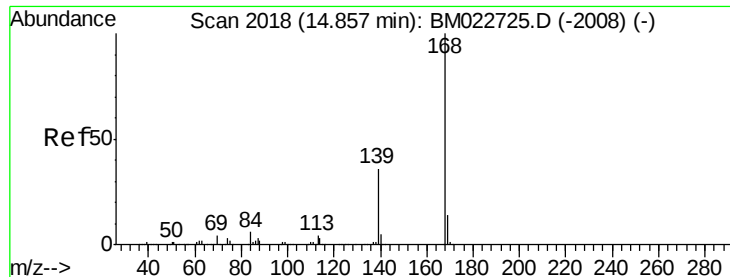
Tot Ion:138 Resp: 229010
Ion Ratio Lower Upper
138 100
108 9.9 7.3 10.9
92 108.0 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 82.784 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:184 Resp: 346289
Ion Ratio Lower Upper
184 100
63 55.6 48.5 72.7
154 59.4 48.1 72.1

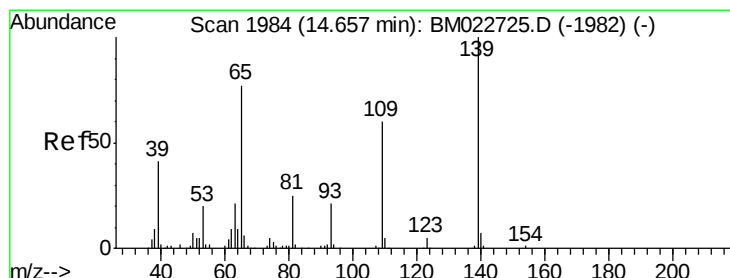
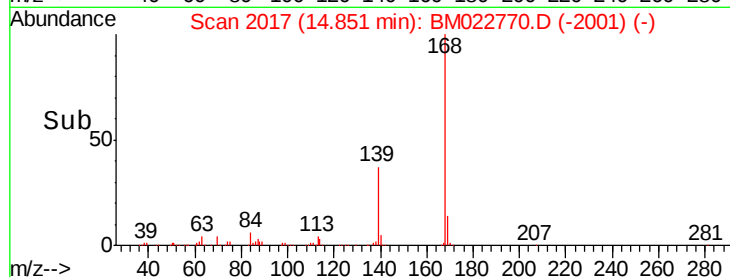
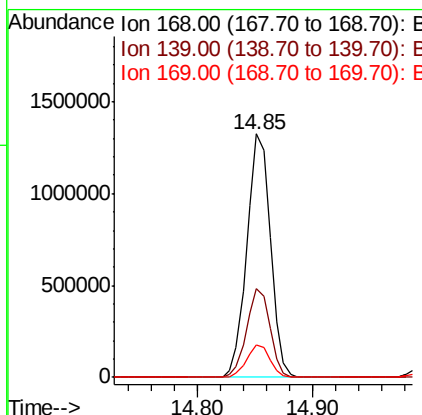
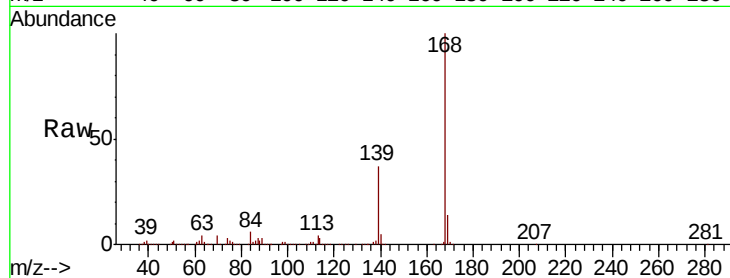




#55
Dibenzenofuran
Concen: 42.361 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

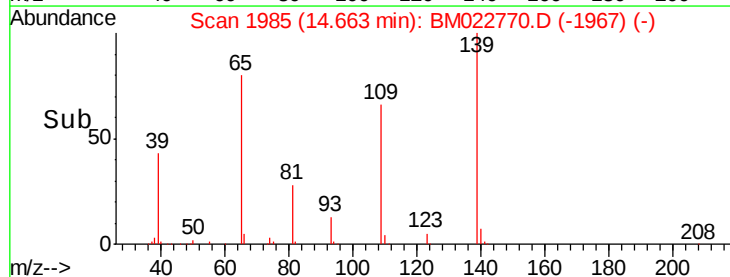
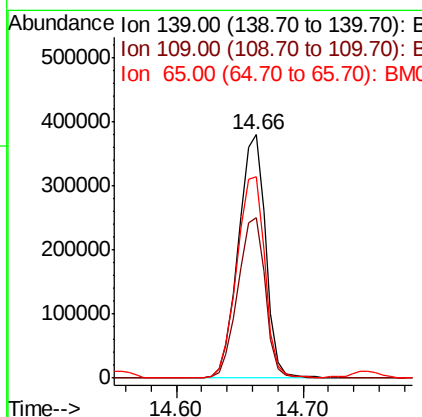
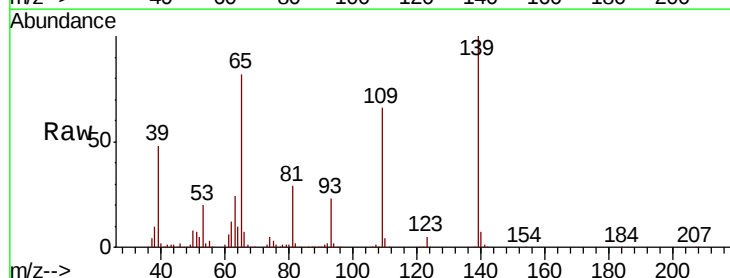
Instrument :
BNA_M
ClientSampleId :

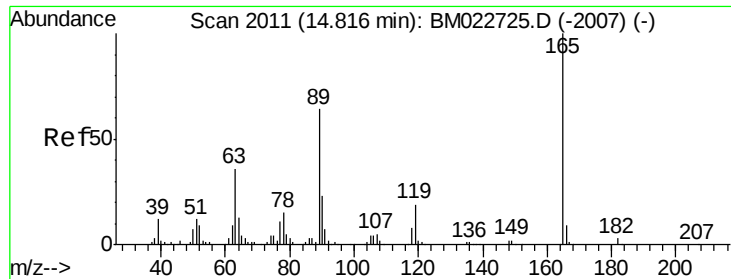
Tot Ion:168 Resp: 1881688
Ion Ratio Lower Upper
168 100
139 36.5 28.8 43.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 82.770 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:139 Resp: 563666
Ion Ratio Lower Upper
139 100
109 65.9 44.8 84.8
65 82.5 66.6 106.6

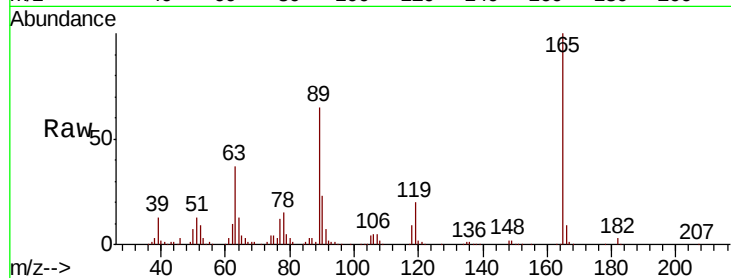




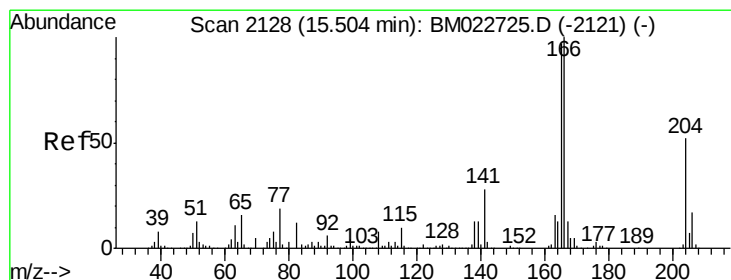
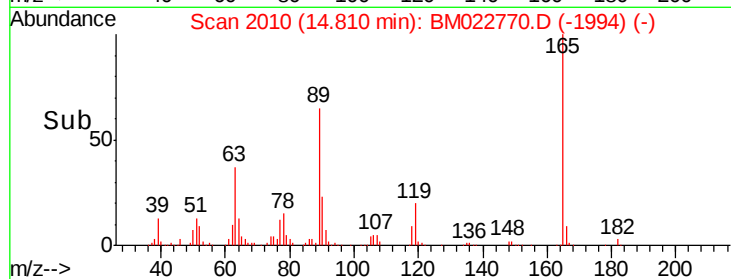
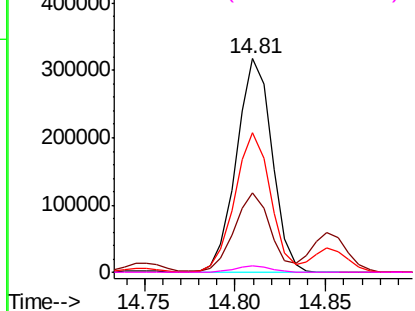
#57
2,4-Dinitrotoluene
Concen: 42.952 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 433060
Ion Ratio Lower Upper
165 100
63 37.2 30.1 45.1
89 65.3 52.5 78.7
182 2.8 2.2 3.4

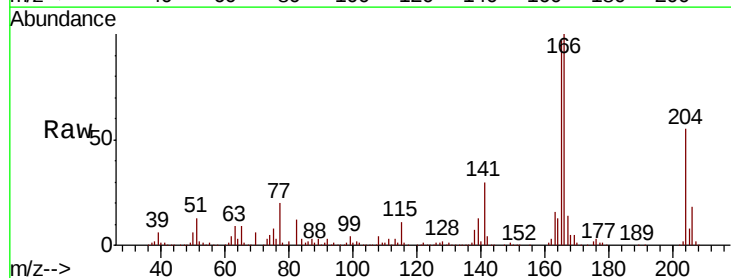


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

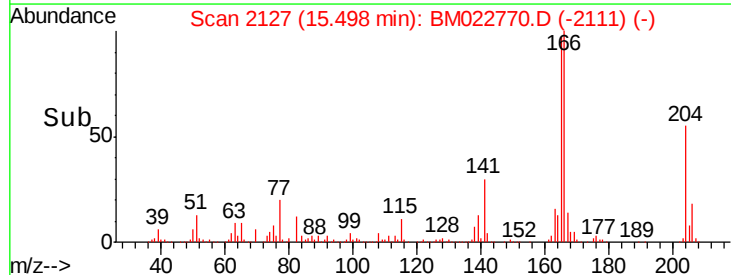
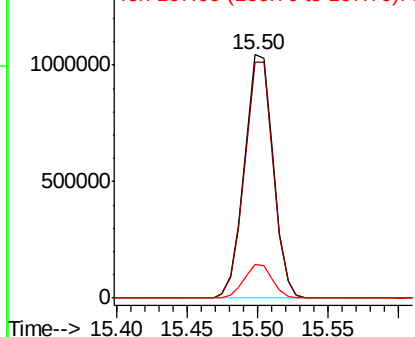


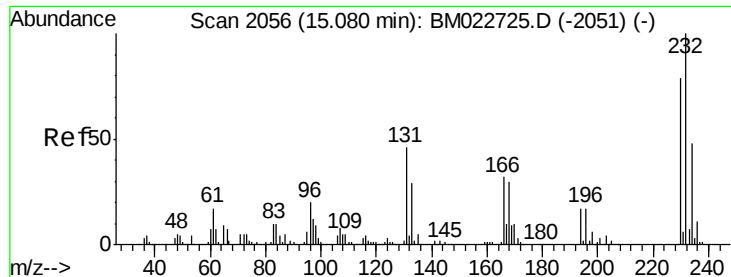
#58
Fluorene
Concen: 41.393 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:166 Resp: 1494173
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

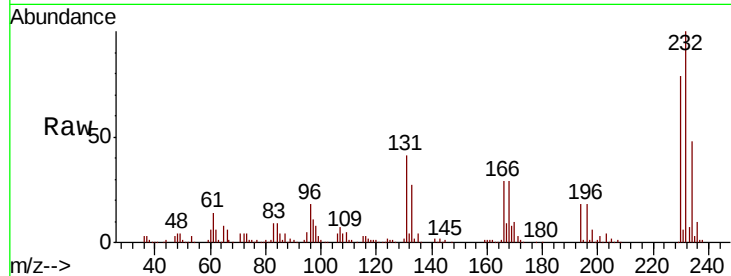




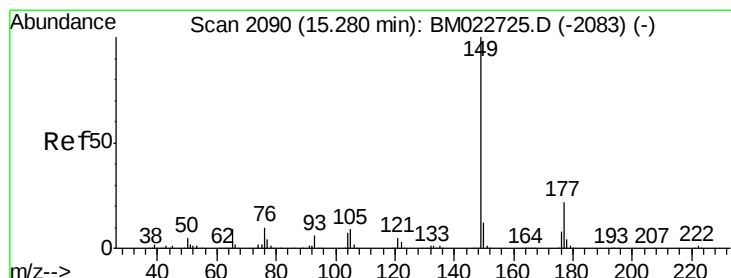
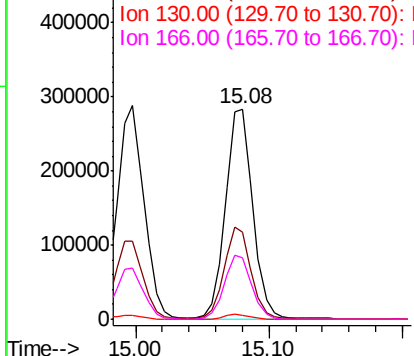
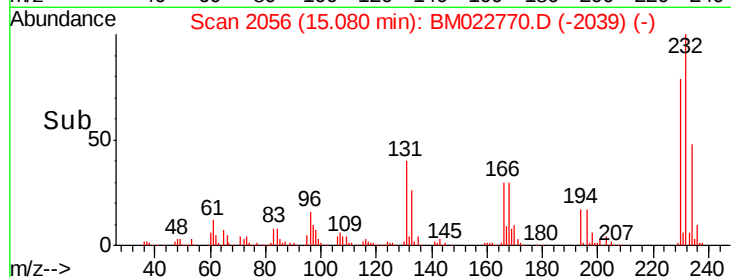
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.747 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 404911
 Ion Ratio Lower Upper
 232 100
 131 42.9 36.3 54.5
 130 2.2 1.8 2.8
 166 30.2 25.0 37.4

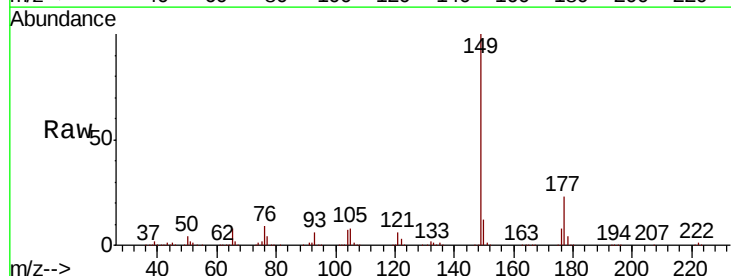


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

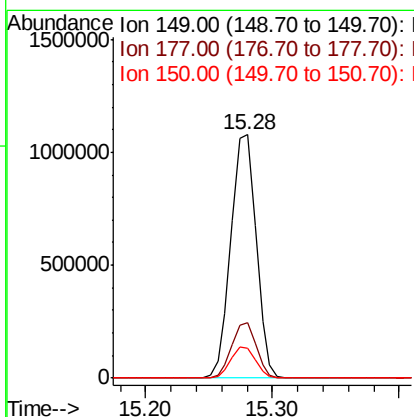
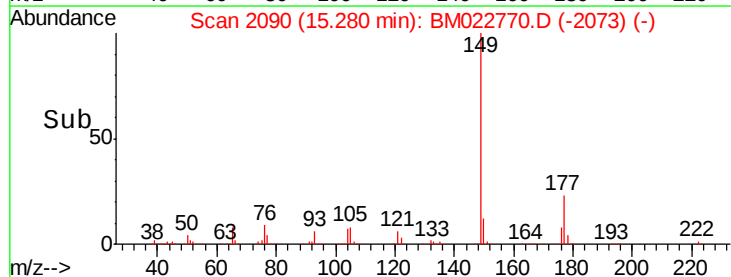


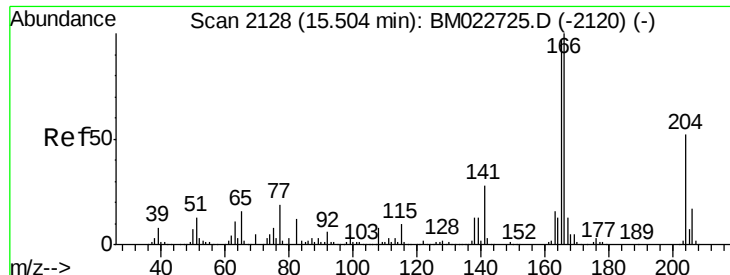
#60
 Diethylphthalate
 Concen: 41.600 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion:149 Resp: 1488266
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.6 26.4
 150 12.2 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

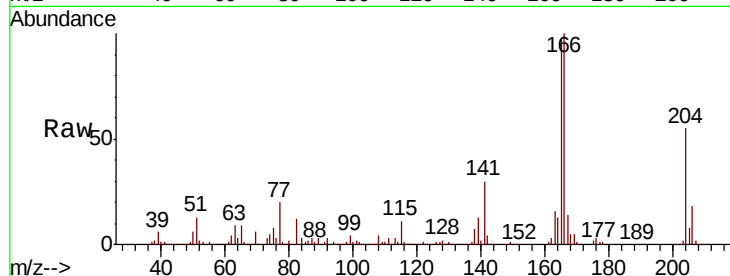




#61
 4-Chlorophenyl-phenylether
 Concen: 42.038 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.4
141	54.2	42.6	64.0

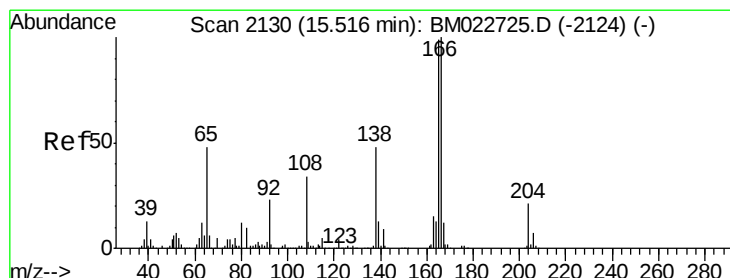
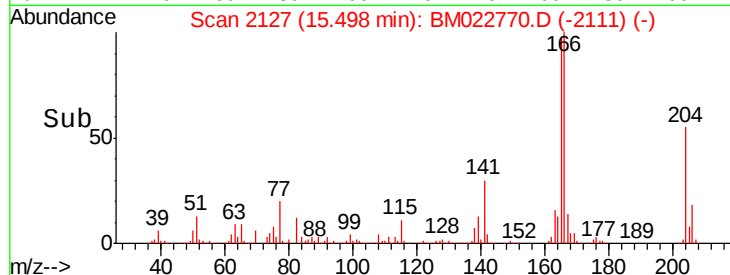
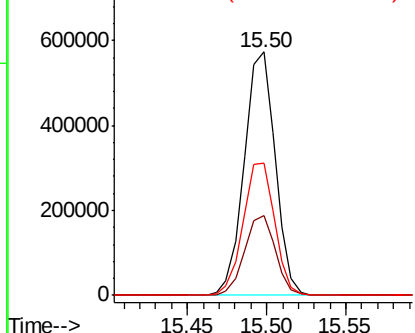


Abundance

Ion 204.00 (203.70 to 204.70): E

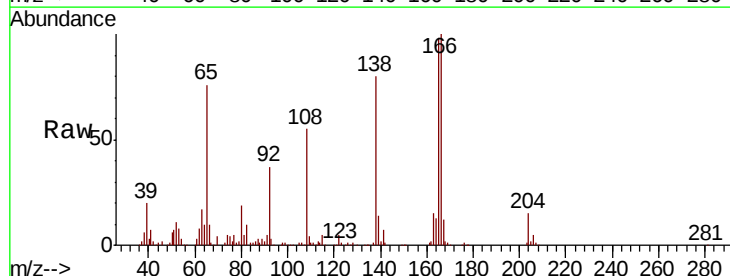
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 35.738 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	28.7	68.7
108	69.2	50.3	90.3

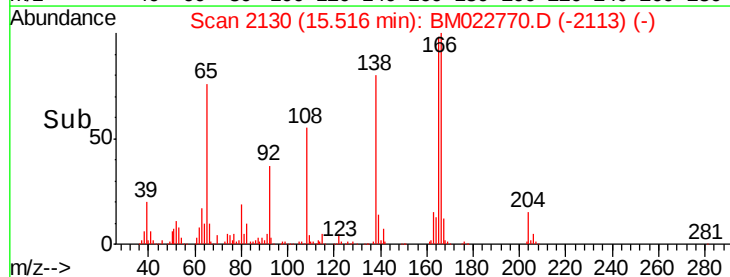
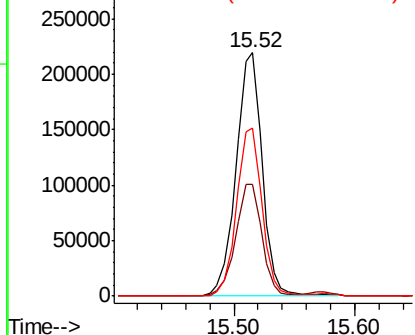


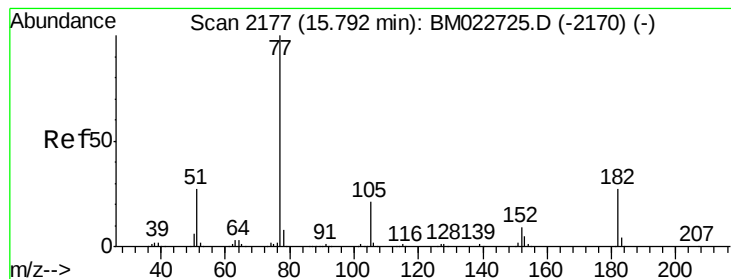
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.782 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1349875

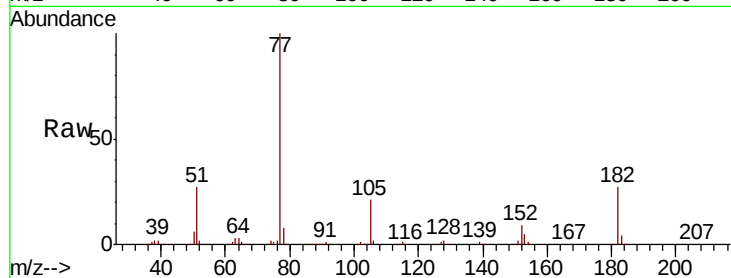
Ion Ratio Lower Upper

77 100

182 27.0 7.0 47.0

105 20.8 0.9 40.9

51 26.6 6.6 46.6

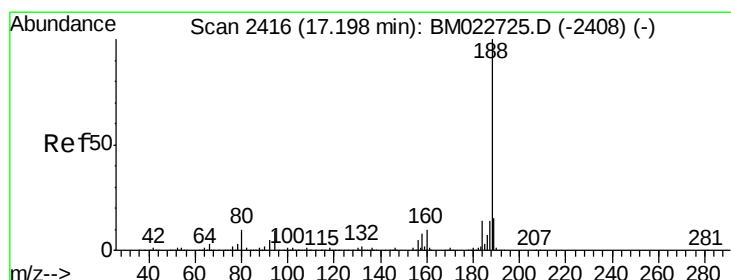
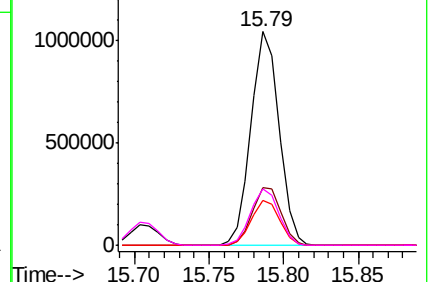
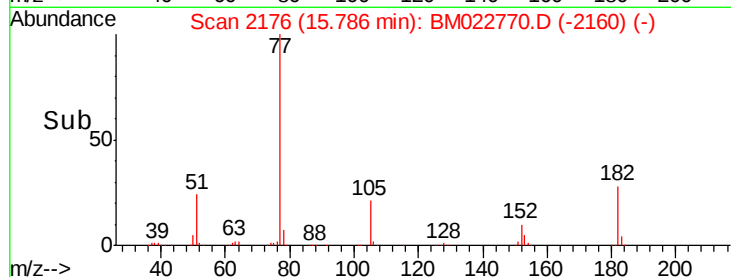


Abundance Ion 77.00 (76.70 to 77.70): BM022770.D (-2160) (-)

Ion 182.00 (181.70 to 182.70): BM022770.D (-2160) (-)

Ion 105.00 (104.70 to 105.70): BM022770.D (-2160) (-)

Ion 51.00 (50.70 to 51.70): BM022770.D (-2160) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

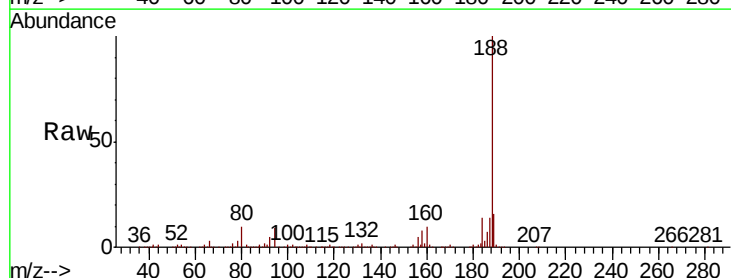
Tgt Ion: 188 Resp: 906131

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

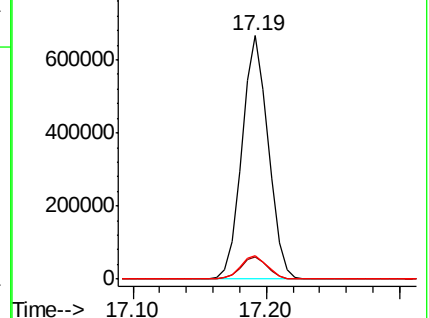
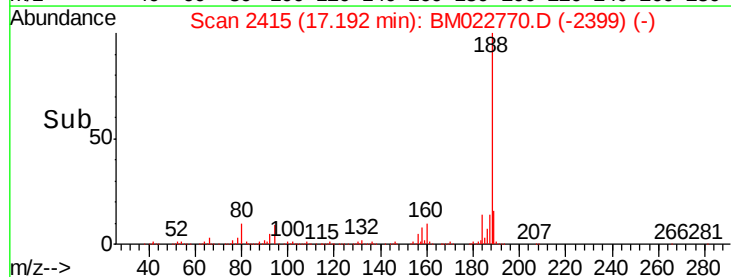
80 9.8 7.8 11.8

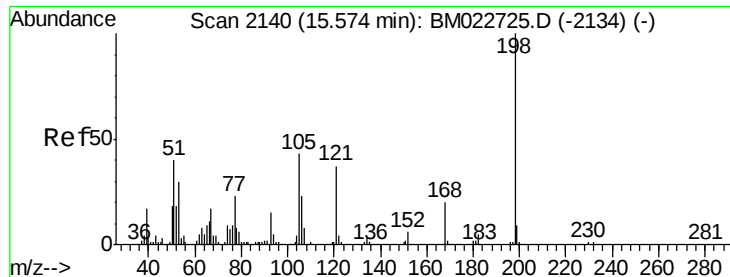


Abundance Ion 188.00 (187.70 to 188.70): BM022770.D (-2399) (-)

Ion 94.00 (93.70 to 94.70): BM022770.D (-2399) (-)

Ion 80.00 (79.70 to 80.70): BM022770.D (-2399) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 48.788 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

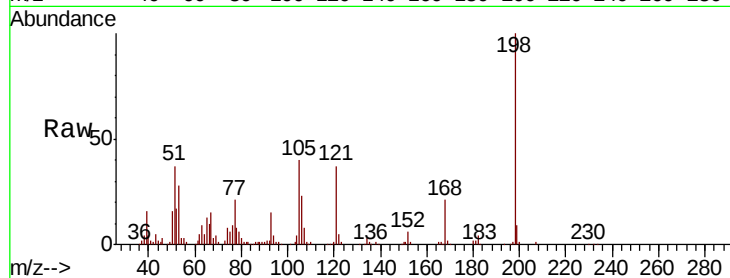
Instrument :

BNA_M

ClientSampled :

Tot Ion:198 Resp: 222808

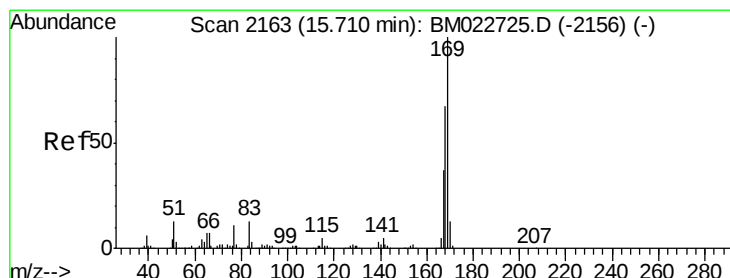
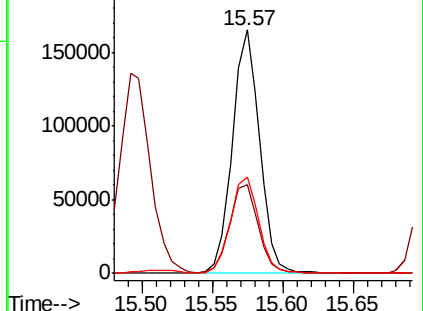
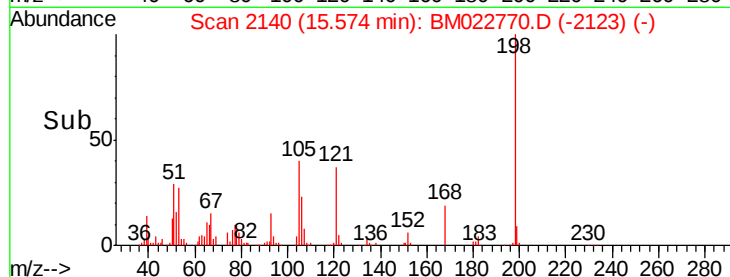
Ion	Ratio	Lower	Upper
198	100		
51	36.7	21.0	61.0
105	39.8	22.5	62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.650 ng

RT: 15.71 min Scan# 2163

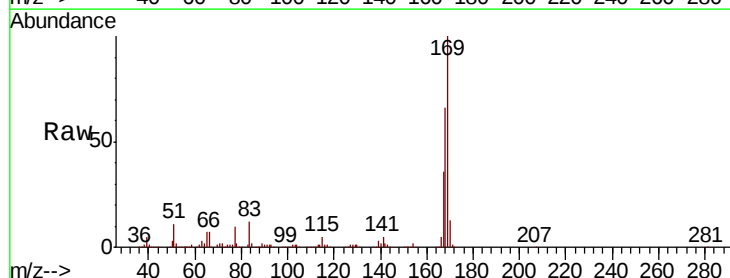
Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:169 Resp: 1291365

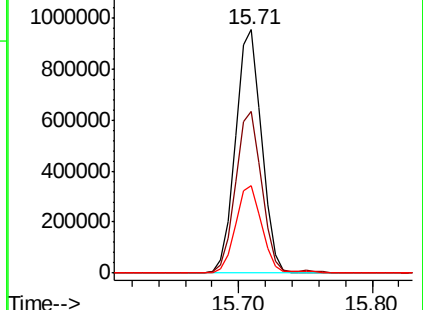
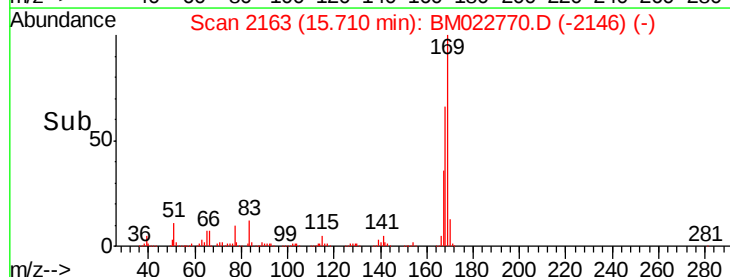
Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.2
167	36.0	29.3	43.9

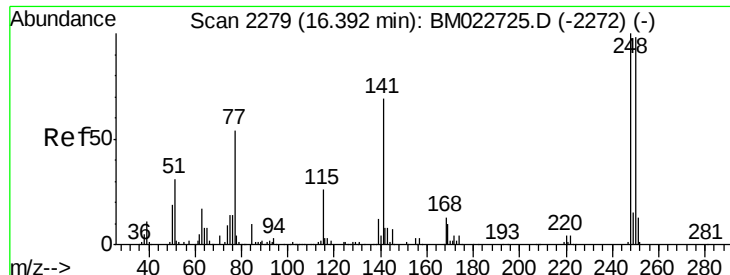


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

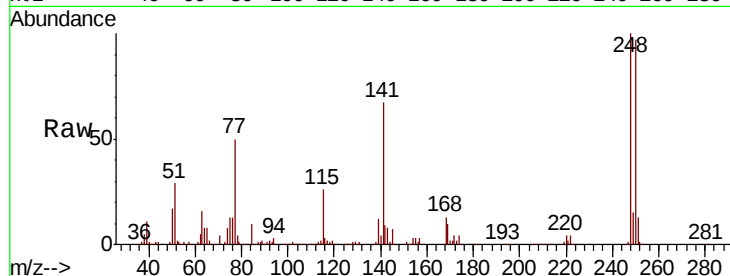




#67
4-Bromophenyl-phenylether
Concen: 46.593 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	67.5	55.1	82.7

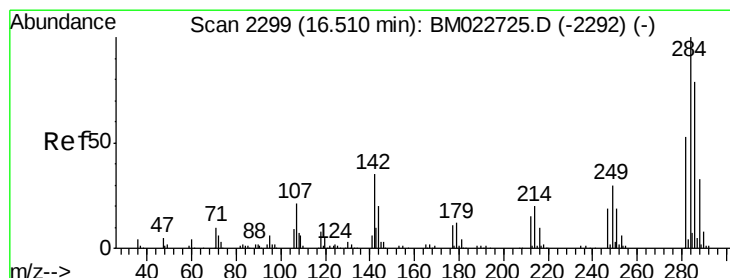
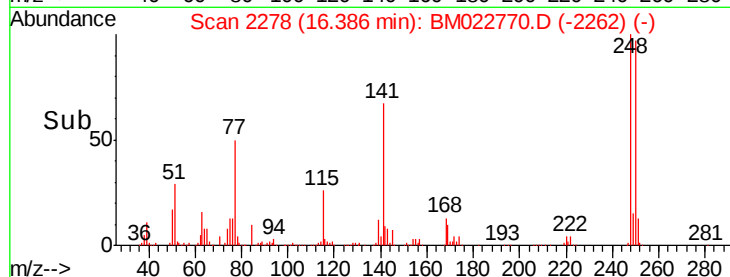
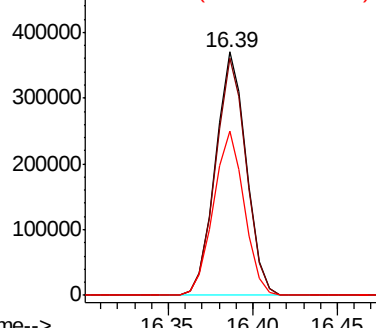


Abundance

Ion 248.00 (247.70 to 248.70): E

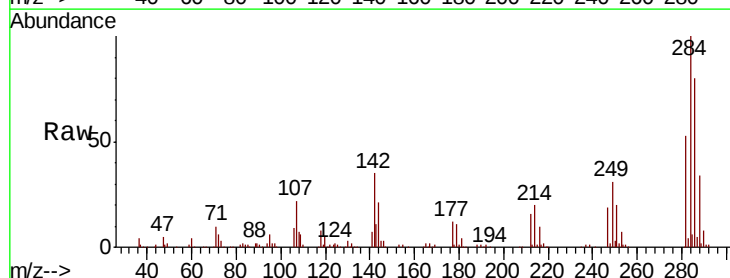
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.439 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.8	41.8
249	31.3	24.4	36.6

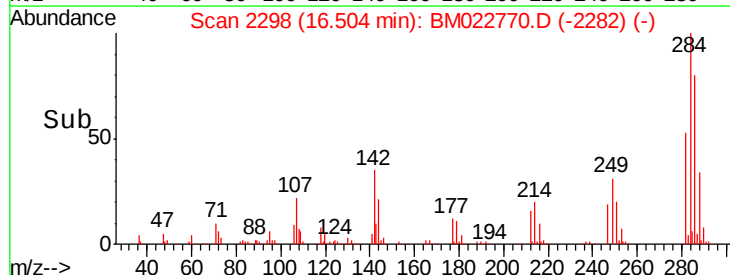
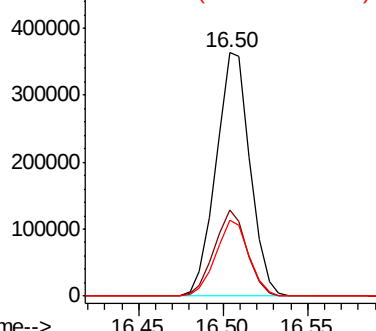


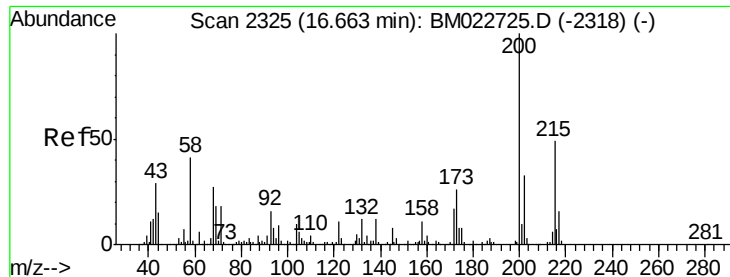
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.491 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

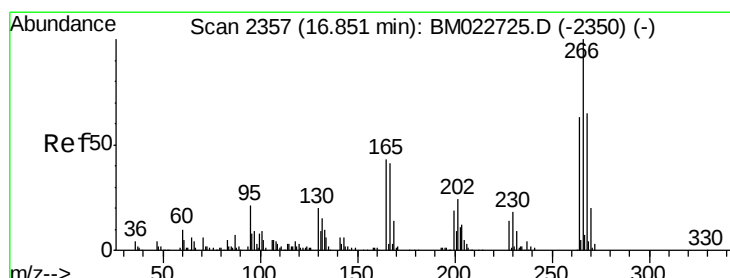
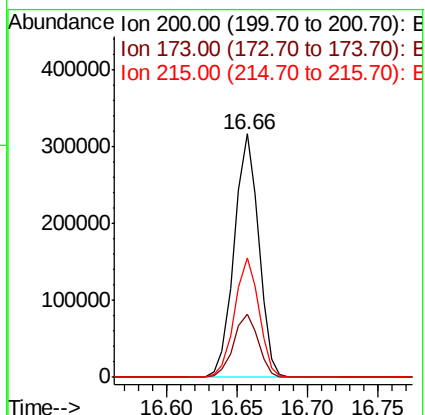
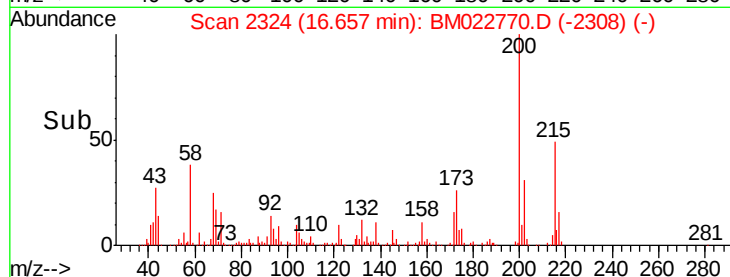
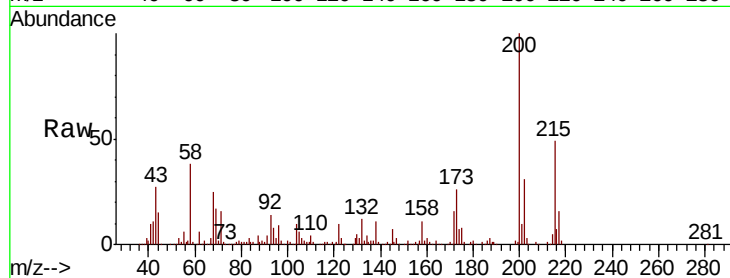
Tot Ion:200 Resp: 382375

Ion Ratio Lower Upper

200 100

173 25.8 5.8 45.8

215 48.9 29.2 69.2



#70

Pentachlorophenol

Concen: 98.563 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

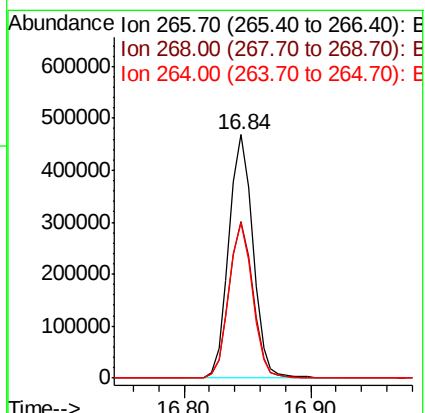
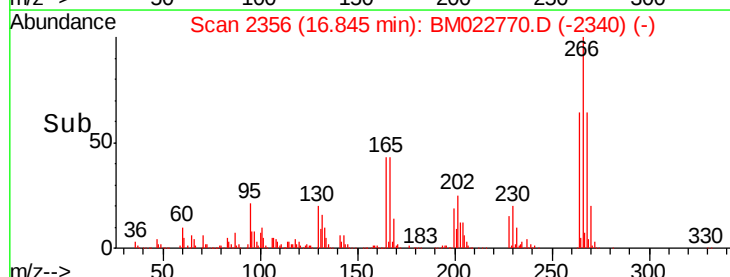
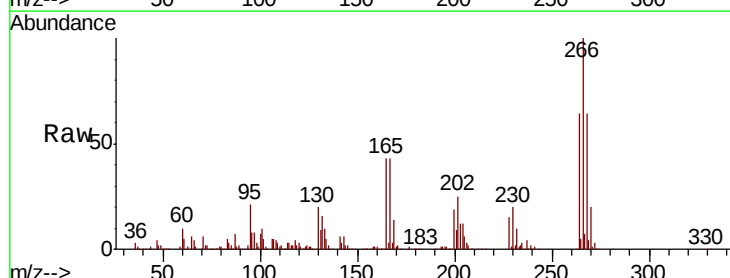
Tgt Ion:266 Resp: 617797

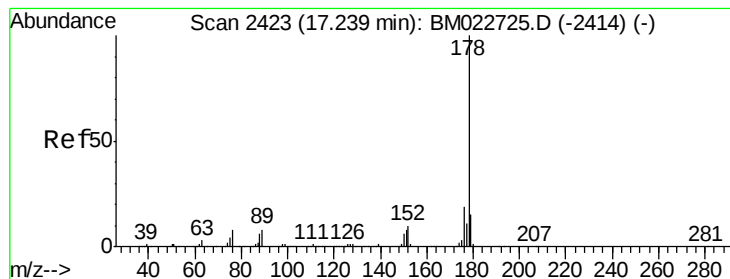
Ion Ratio Lower Upper

266 100

268 64.3 51.8 77.6

264 63.7 50.2 75.4





#71

Phenanthrene

Concen: 42.425 ng

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

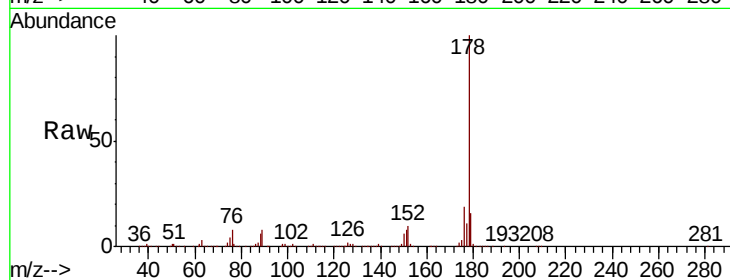
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 2169150

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.3	18.5

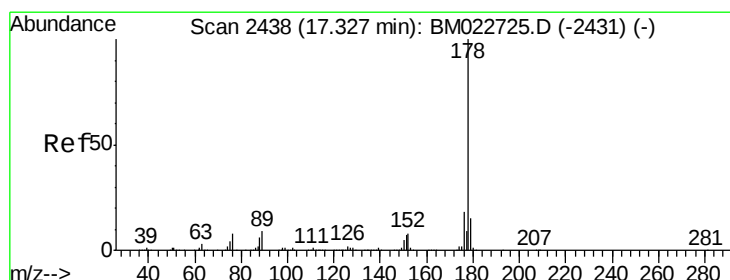
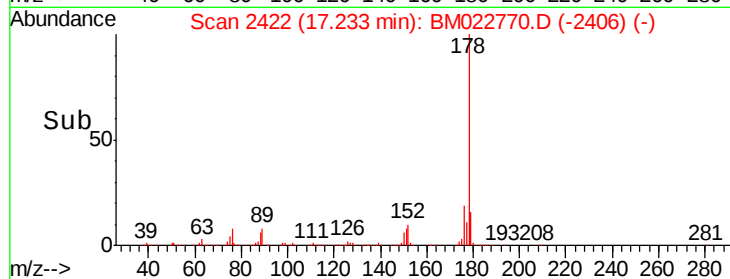
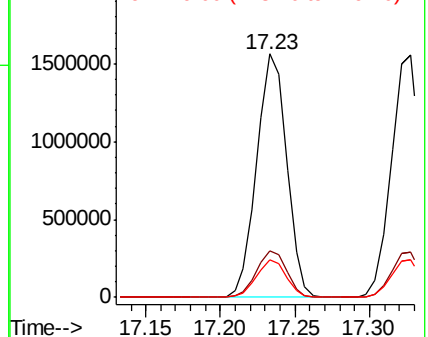


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.057 ng

RT: 17.33 min Scan# 2438

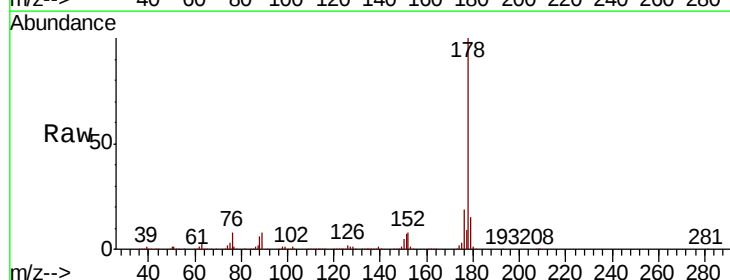
Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:178 Resp: 2183126

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.2	18.4

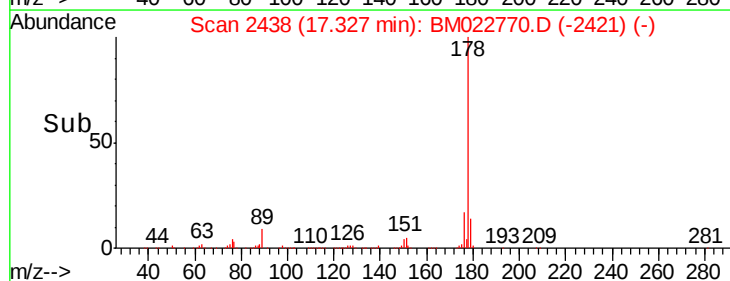
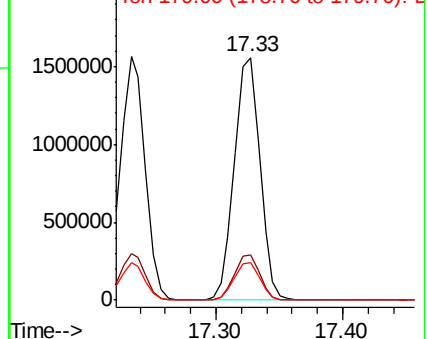


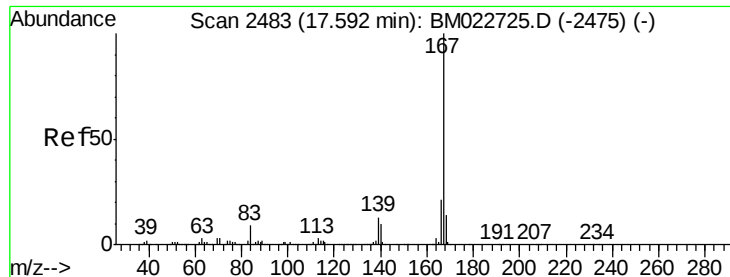
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

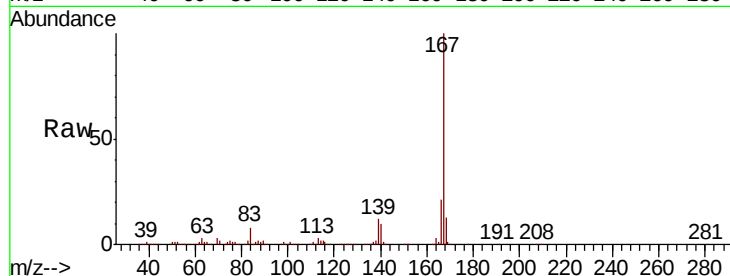




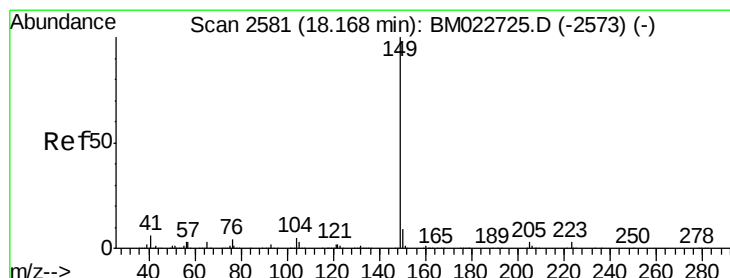
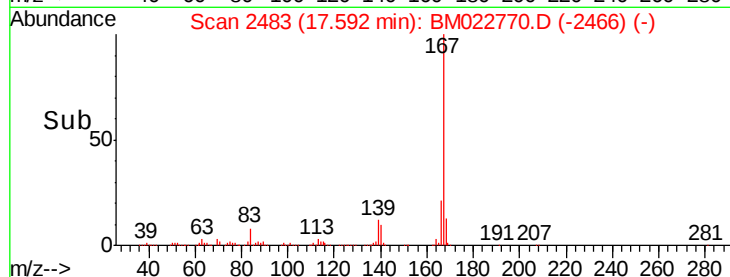
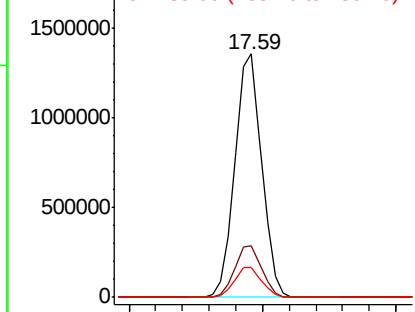
#73
 Carbazole
 Concen: 41.066 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1893611
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.4 10.1 15.1

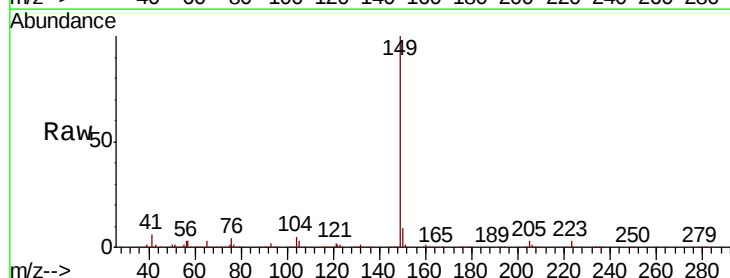


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

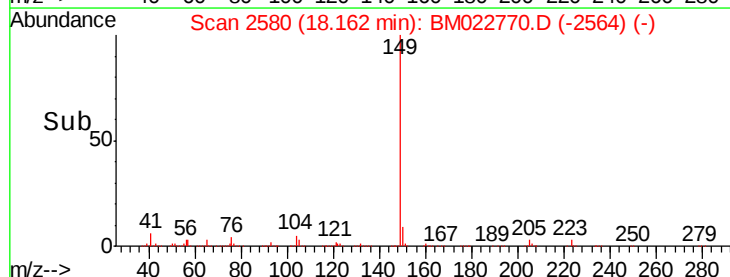
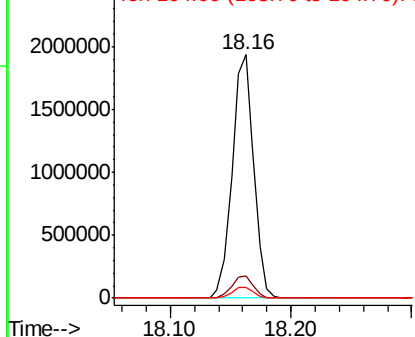


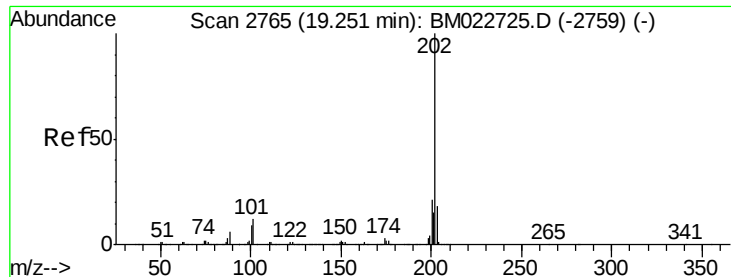
#74
 Di-n-butylphthalate
 Concen: 45.650 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion:149 Resp: 2386794
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.006 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

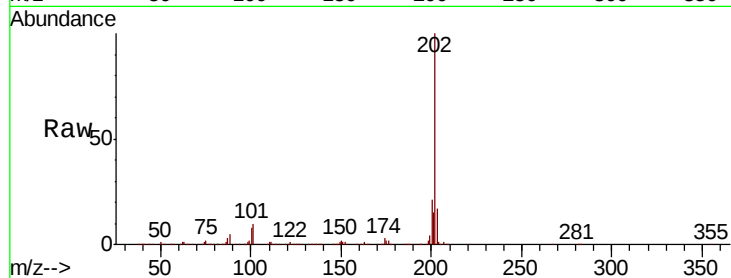
Tot Ion:202 Resp: 2308140

Ion Ratio Lower Upper

202 100

101 10.1 0.0 32.1

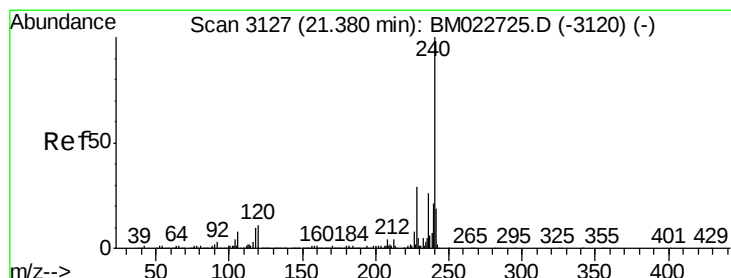
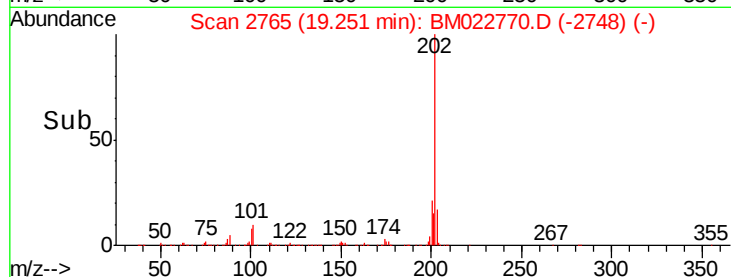
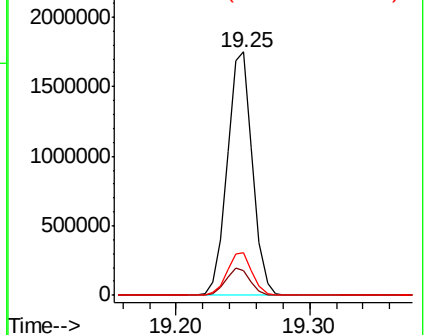
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

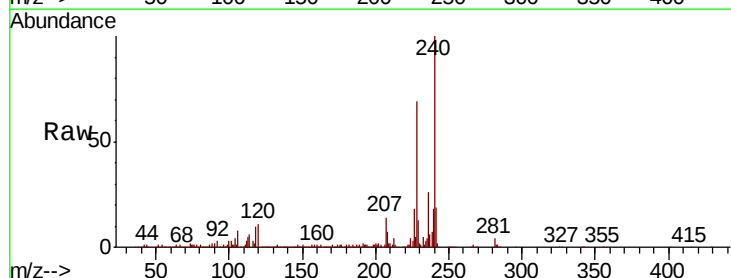
Tgt Ion:240 Resp: 724206

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

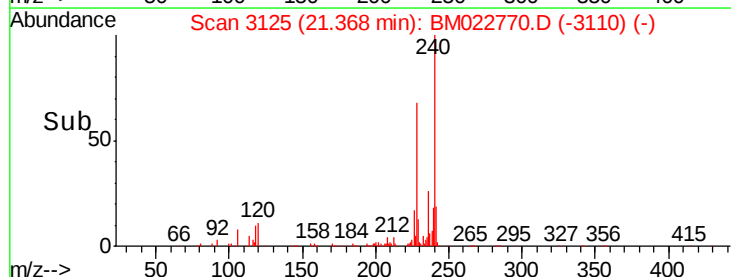
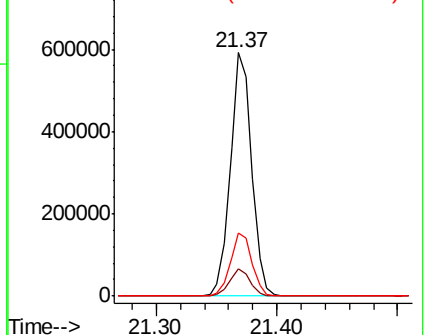
236 25.8 20.8 31.2

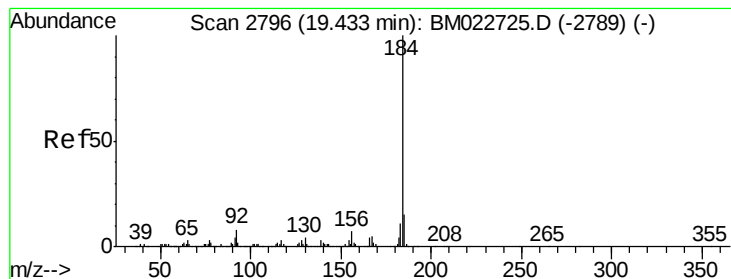


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.174 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

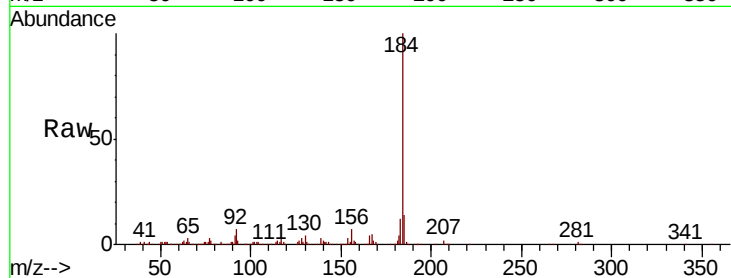
Tot Ion:184 Resp: 857762

Ion Ratio Lower Upper

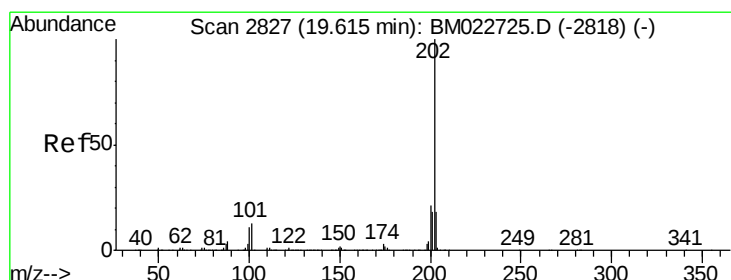
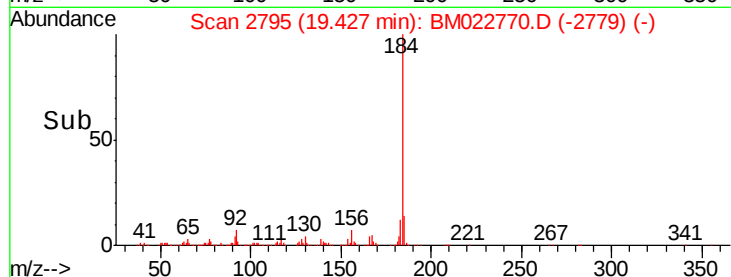
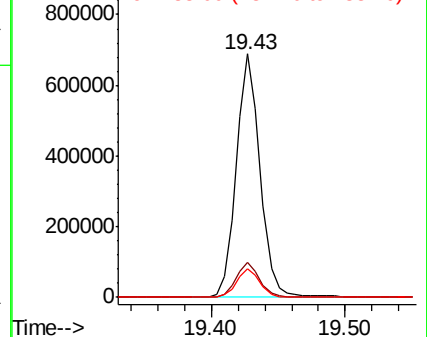
184 100

185 14.4 11.6 17.4

183 11.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.182 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

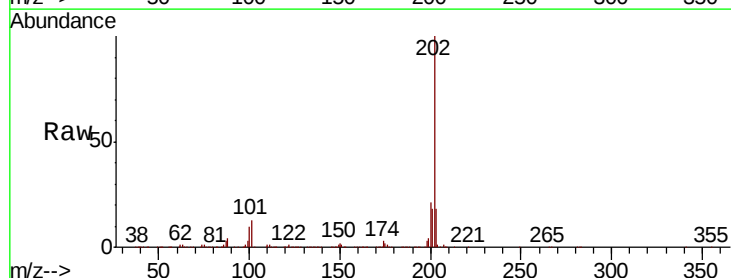
Tgt Ion:202 Resp: 2334197

Ion Ratio Lower Upper

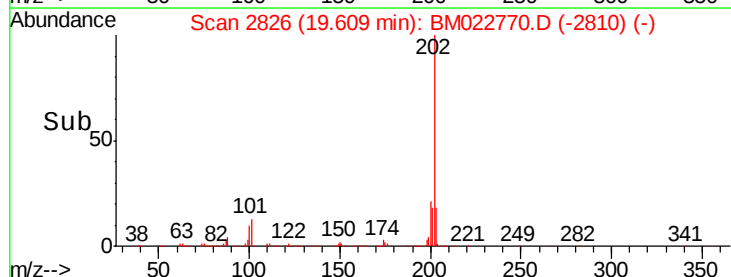
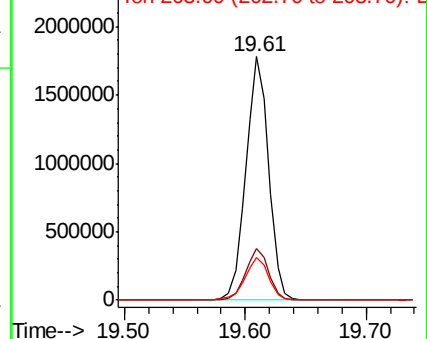
202 100

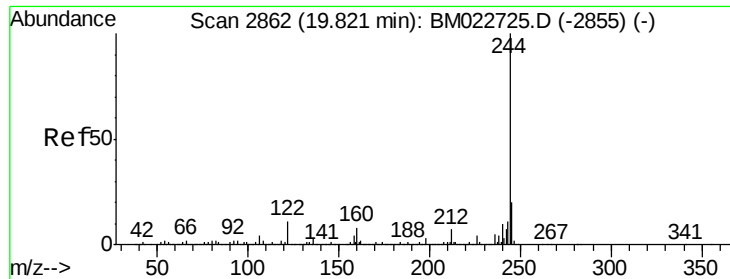
200 21.1 16.7 25.1

203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.270 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

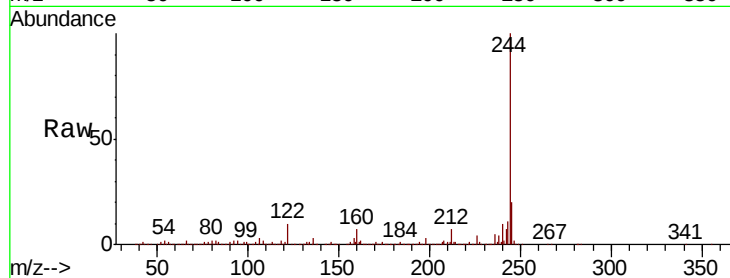
Tot Ion:244 Resp: 2927319

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

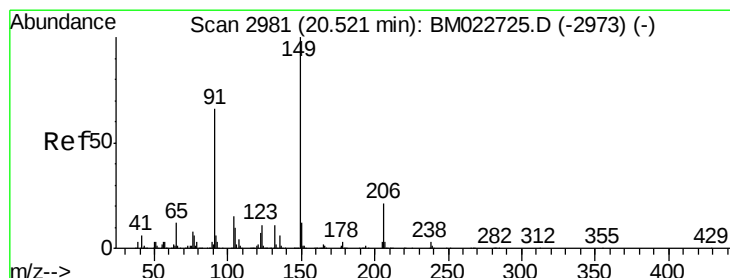
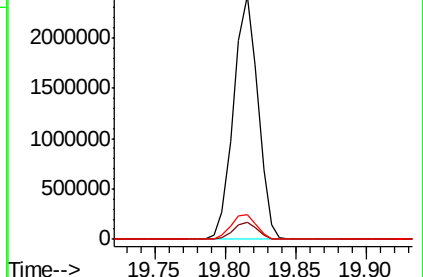
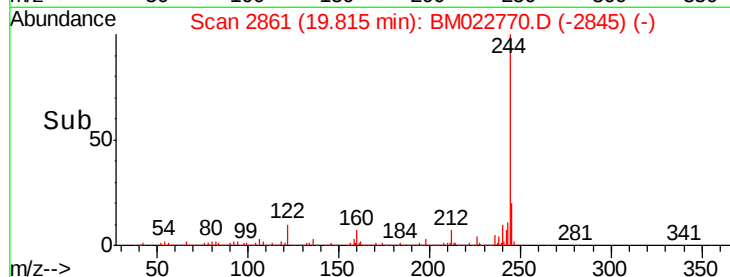
122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.881 ng

RT: 20.51 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

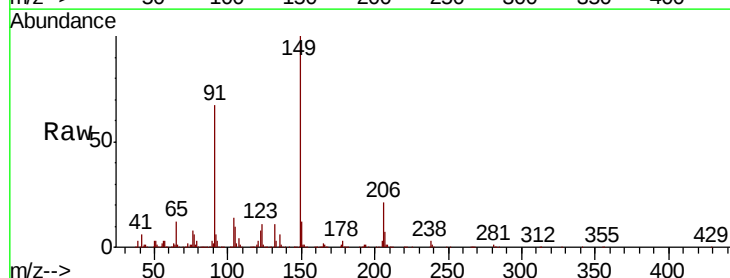
Tgt Ion:149 Resp: 935800

Ion Ratio Lower Upper

149 100

91 67.1 53.0 79.4

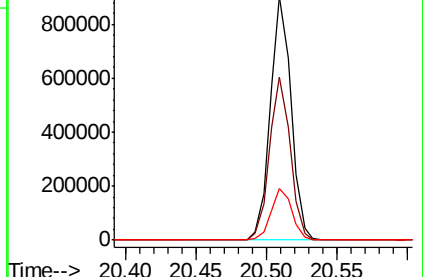
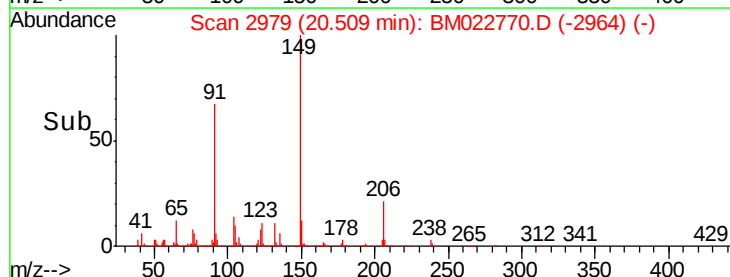
206 21.0 16.9 25.3

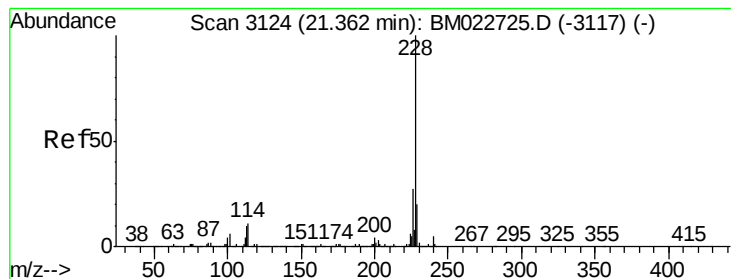


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.784 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

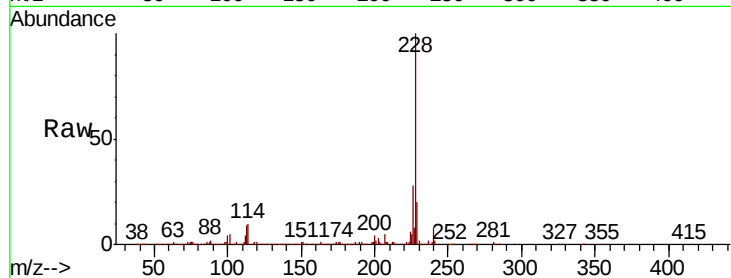
Tot Ion:228 Resp: 2008170

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.7	15.9	23.9

228 100

226 27.8 22.0 33.0

229 19.7 15.9 23.9

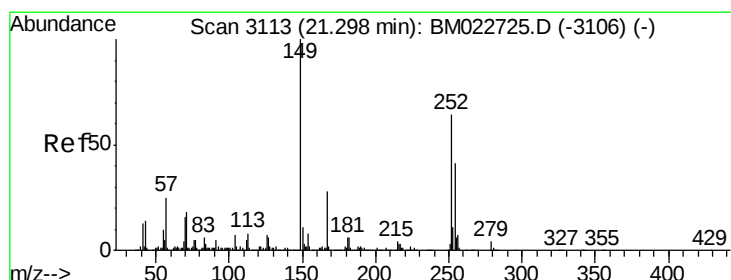
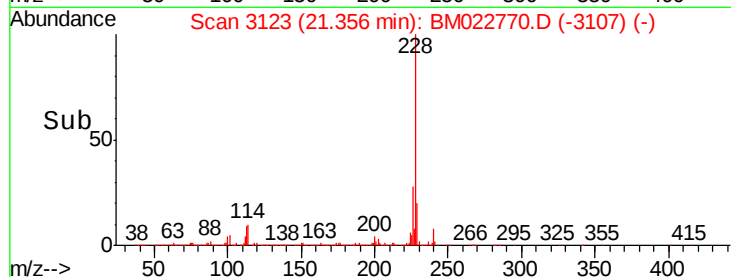
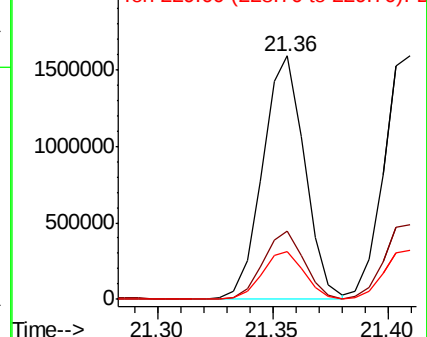


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.505 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

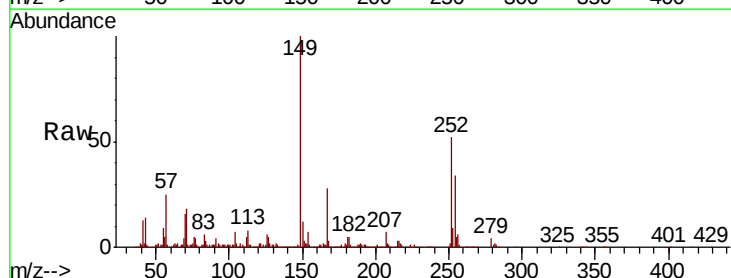
Tgt Ion:252 Resp: 640926

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	10.7	8.3	12.5

252 100

254 64.8 51.7 77.5

126 10.7 8.3 12.5

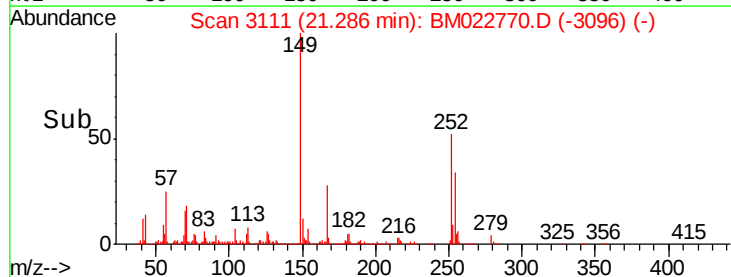
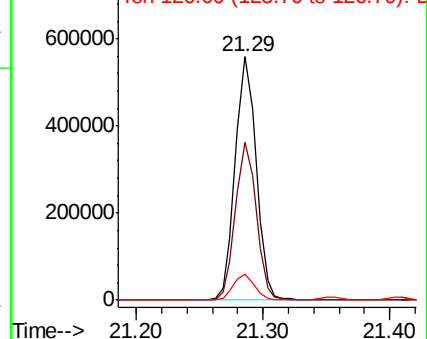


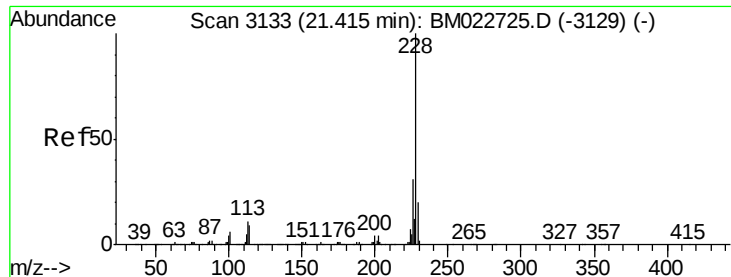
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.453 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

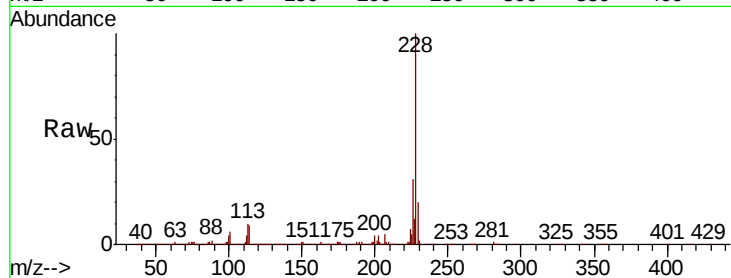
Tot Ion:228 Resp: 1931774

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

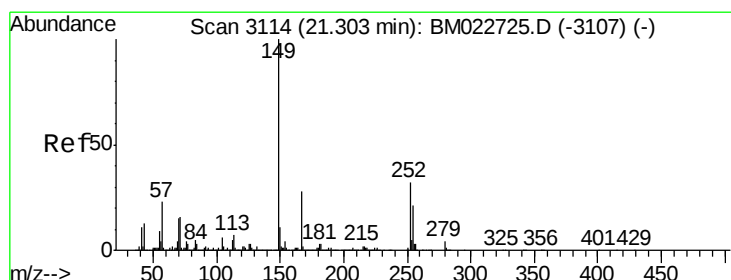
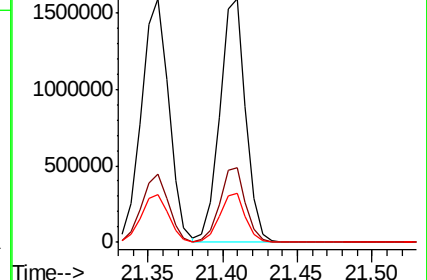
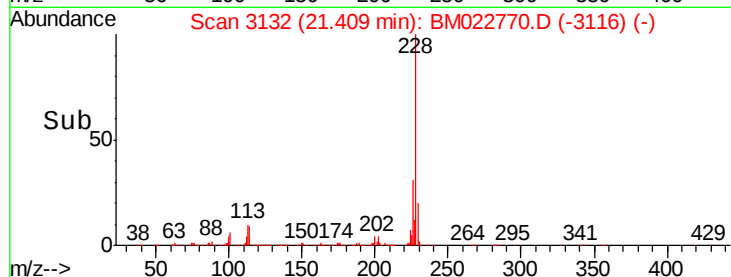
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.720 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

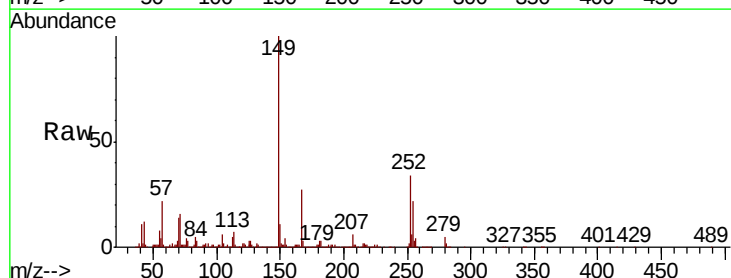
Tgt Ion:149 Resp: 1408991

Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

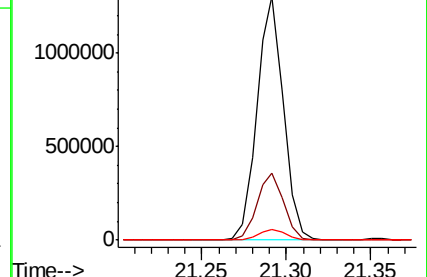
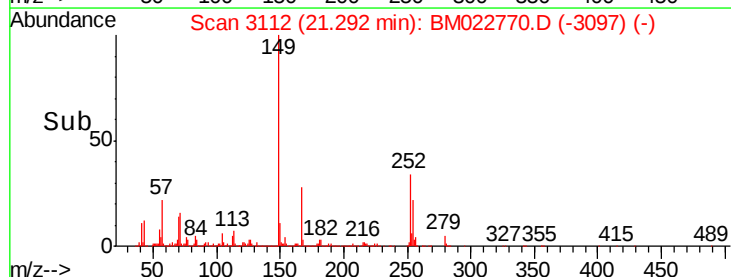
279 4.5 3.4 5.0

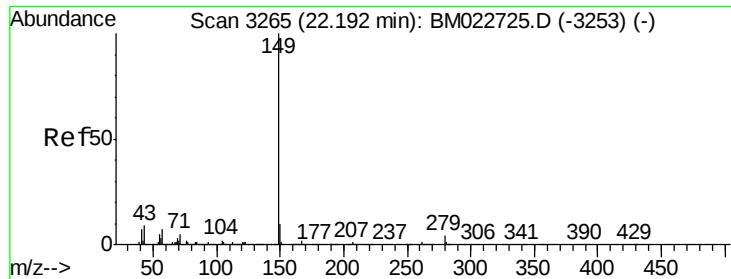


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.513 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

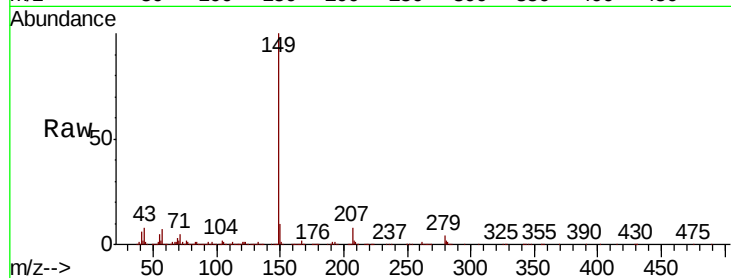
Tot Ion:149 Resp: 2194210

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

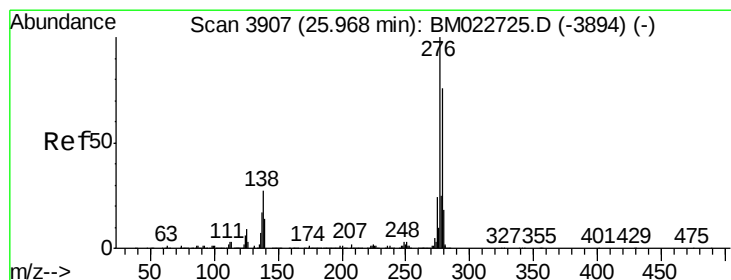
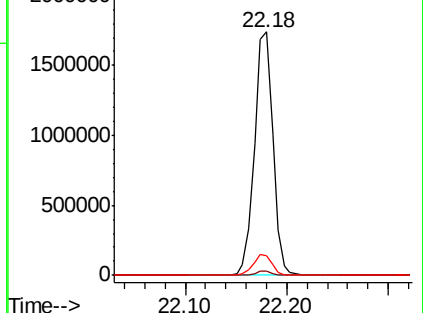
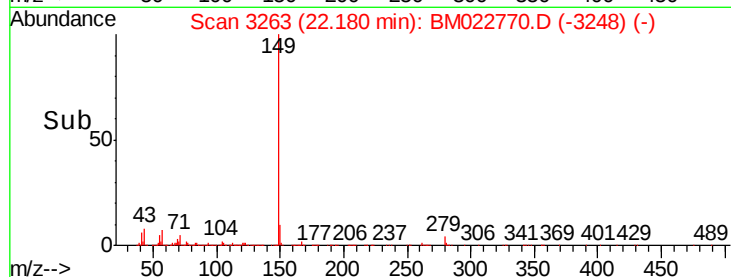
43 8.5 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.512 ng

RT: 25.95 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

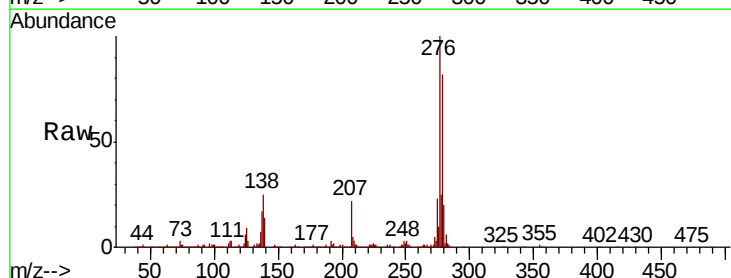
Tgt Ion:276 Resp: 1983051

Ion Ratio Lower Upper

276 100

138 25.3 0.0 0.0#

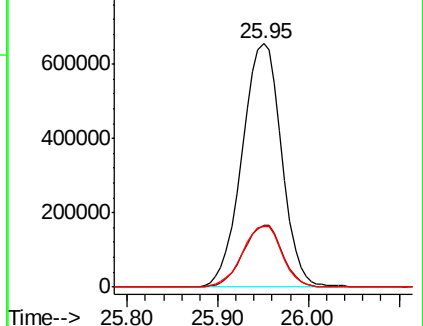
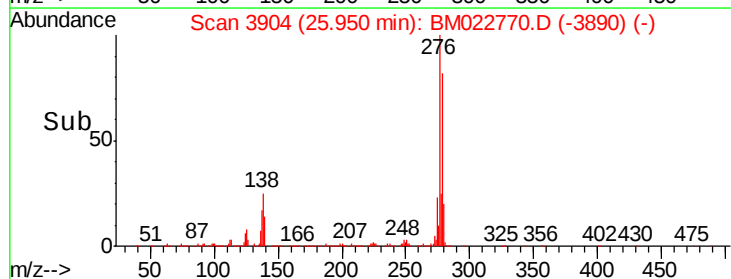
277 25.3 0.0 0.0#

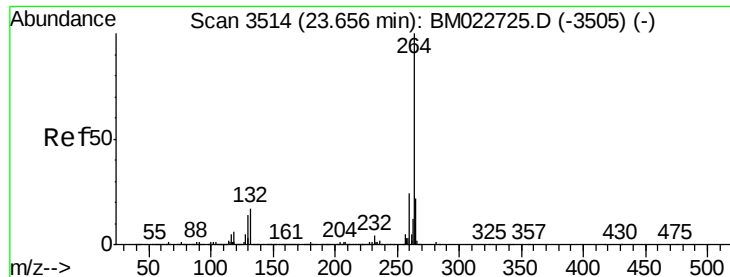


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

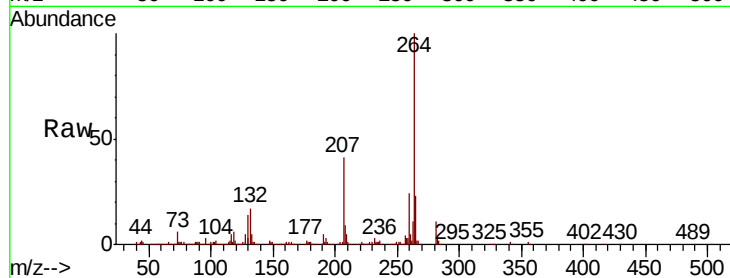
Tot Ion:264 Resp: 659686

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

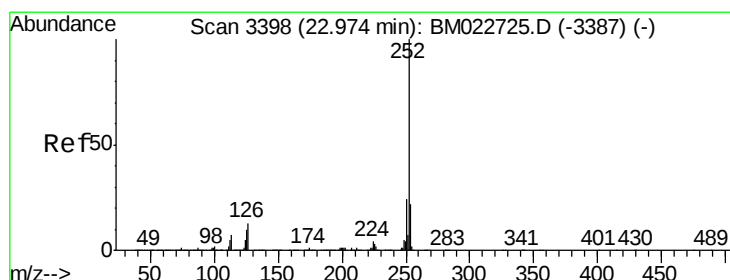
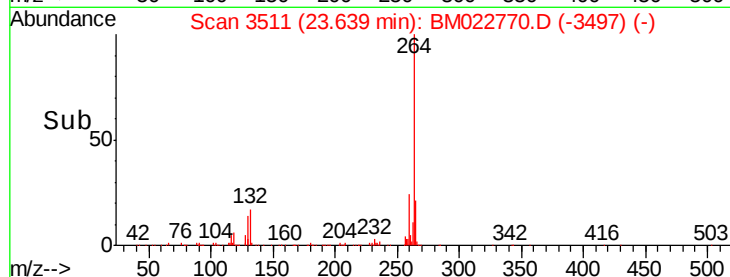
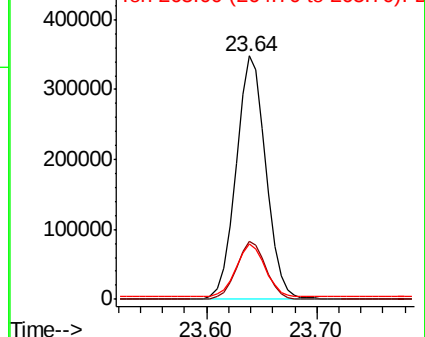
265 22.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.131 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

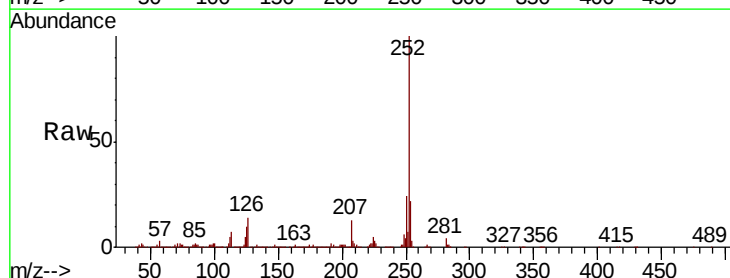
Tgt Ion:252 Resp: 1842574

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

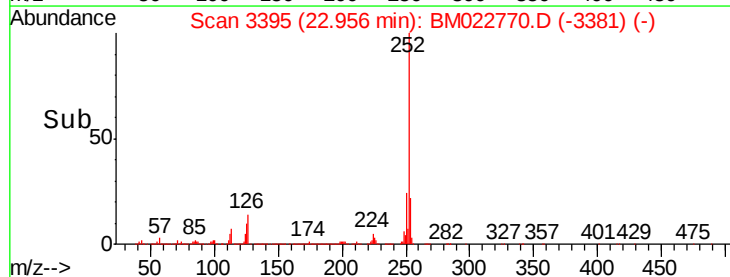
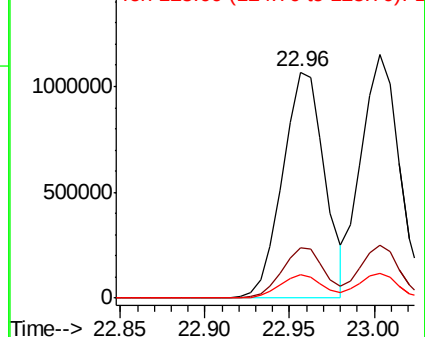
125 10.4 8.2 12.4

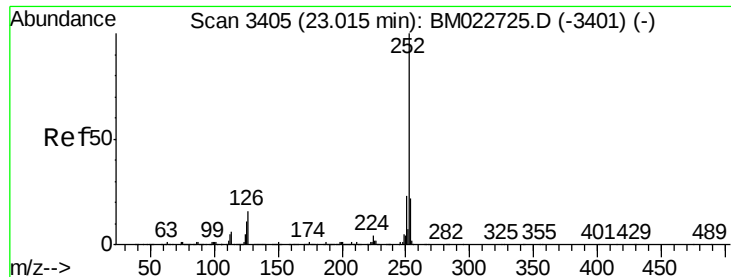


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.742 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

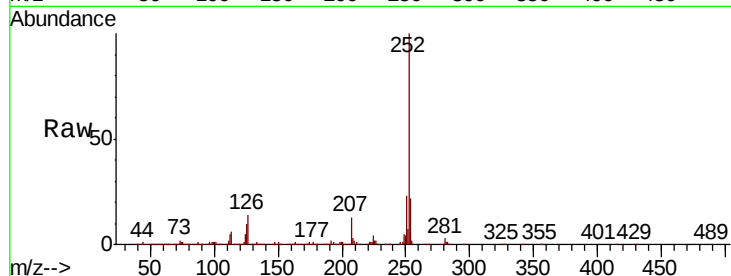
Tot Ion:252 Resp: 1812808

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.9 8.5 12.7

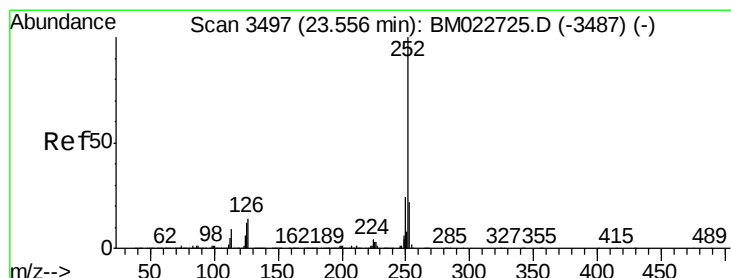
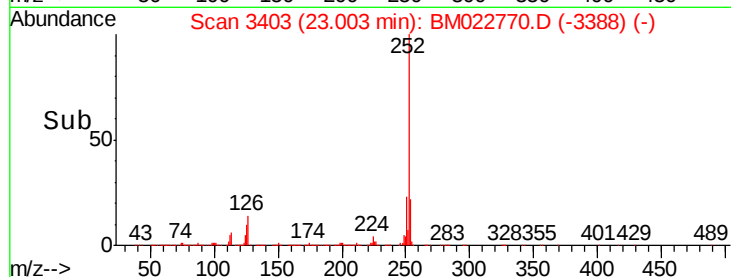
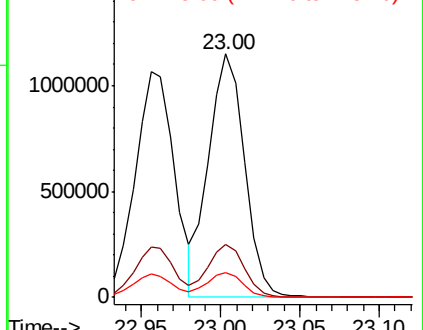


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.308 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

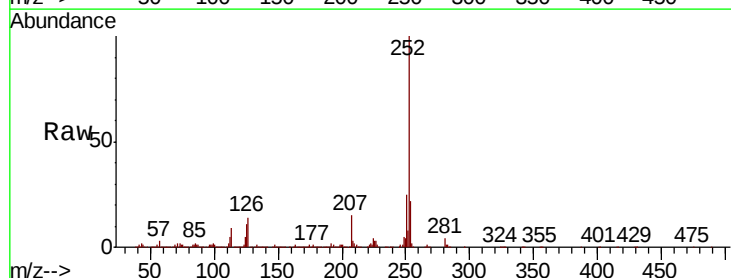
Tgt Ion:252 Resp: 1741166

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.9 9.3 13.9

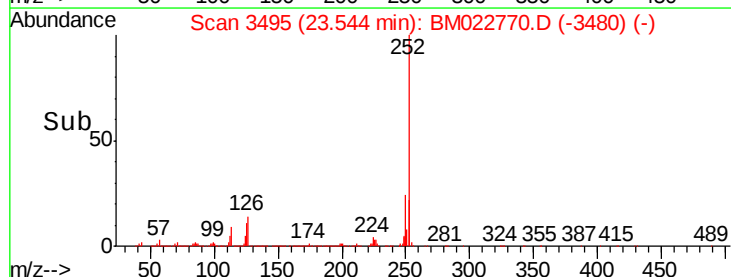
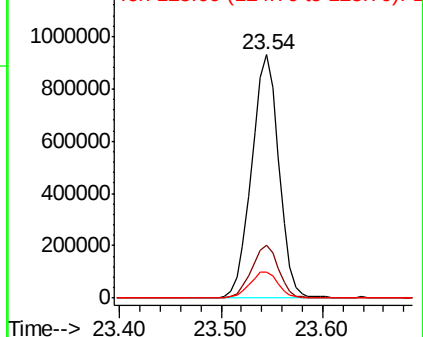


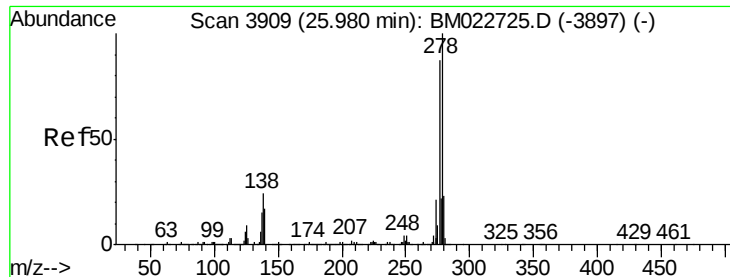
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.579 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

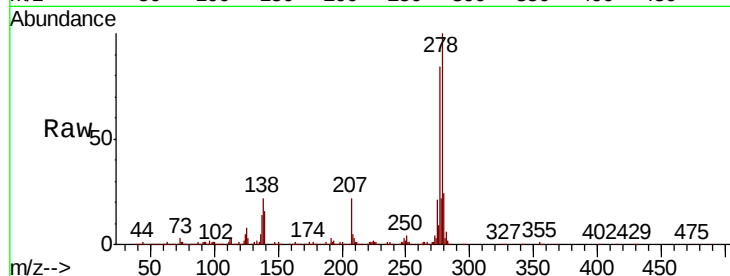
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1677695

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	23.6	18.6	28.0

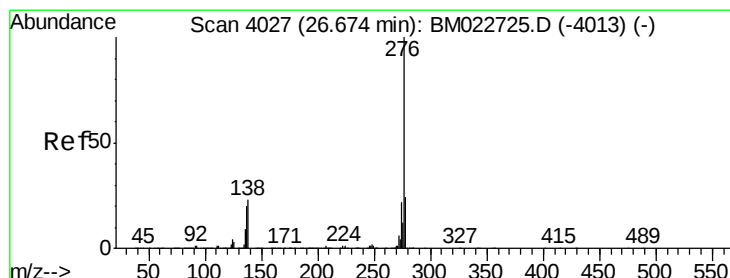
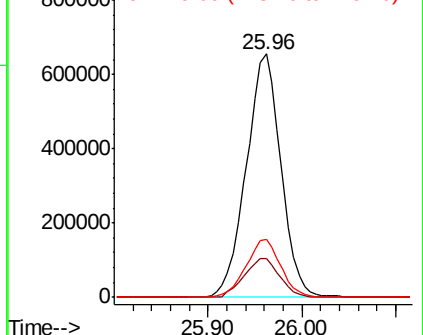
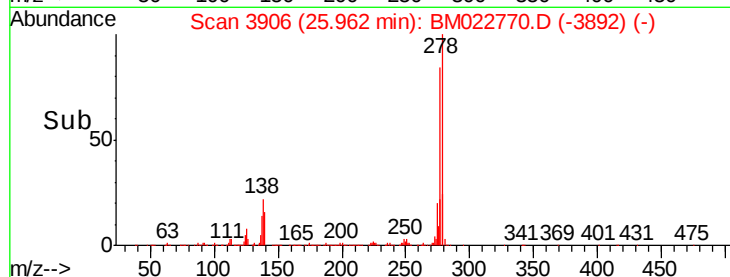


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.255 ng

RT: 26.65 min Scan# 4023

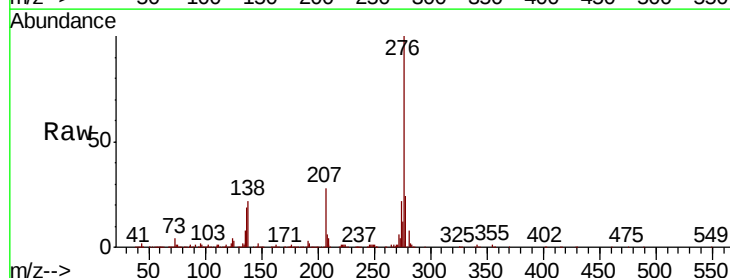
Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:276 Resp: 1618198

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	21.8	18.5	27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

