

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020220.D
 Acq On : 09 May 2019 16:51
 Operator : JU/SJ
 Sample : K2729-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:42:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	111369	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	386447	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	233503	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	560184	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	605627	20.00	ng	-0.01
87) Perylene-d12	23.64	264	706833	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1126132	165.29	ng	0.00
7) Phenol-d6	6.95	99	1533903	164.80	ng	0.00
23) Nitrobenzene-d5	8.95	82	1071967	109.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	694794	191.70	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1959870	103.27	ng	-0.02
79) Terphenyl-d14	19.80	244	3472511	100.01	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	150555	45.055	ng	93
3) Pyridine	3.69	79	402814	47.134	ng	95
4) n-Nitrosodimethylamine	3.61	42	137522	50.182	ng	# 67
6) Aniline	7.12	93	294190	25.108	ng	97
8) 2-Chlorophenol	7.34	128	392386	52.892	ng	97
9) Benzaldehyde	6.93	77	241023	34.213	ng	91
10) Phenol	6.98	94	552758	55.164	ng	93
11) bis(2-Chloroethyl)ether	7.21	93	387912	53.263	ng	97
12) 1,3-Dichlorobenzene	7.66	146	438577	50.811	ng	96
13) 1,4-Dichlorobenzene	7.81	146	444020	50.923	ng	95
14) 1,2-Dichlorobenzene	8.13	146	424900	51.148	ng	97
15) Benzyl Alcohol	8.02	79	434350	48.394	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	295911	49.000	ng	96
17) 2-Methylphenol	8.22	107	340538	52.794	ng	96
18) Hexachloroethane	8.85	117	176841	48.640	ng	96
19) n-Nitroso-di-n-propylamine	8.58	70	389178	48.871	ng	95
20) 3+4-Methylphenols	8.55	107	461518	53.835	ng	96
22) Acetophenone	8.60	105	615359	58.264	ng	# 96
24) Nitrobenzene	8.99	77	554695	54.655	ng	96
25) Isophorone	9.50	82	970153	57.474	ng	98
26) 2-Nitrophenol	9.69	139	214844	70.120	ng	90
27) 2,4-Dimethylphenol	9.75	122	342977	67.237	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	532502	57.922	ng	97
29) 2,4-Dichlorophenol	10.22	162	391100	60.803	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	453771	57.333	ng	98
31) Naphthalene	10.62	128	1201488	59.912	ng	100
32) Benzoic acid	9.83	122	35289	14.995	ng	# 90
33) 4-Chloroaniline	10.74	127	163153	19.766	ng	96
34) Hexachlorobutadiene	10.89	225	299954	53.574	ng	98
35) Caprolactam	11.55	113	83387	43.356	ng	94
36) 4-Chloro-3-methylphenol	11.86	107	439850	58.190	ng	94
37) 2-Methylnaphthalene	12.23	142	870140	59.516	ng	98
38) 1-Methylnaphthalene	12.46	142	816335	57.100	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	534101	58.464	ng	100

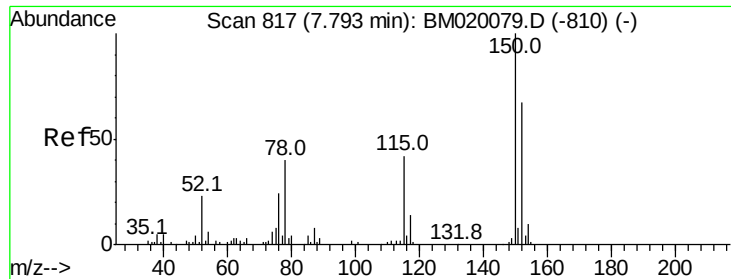
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020220.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	654332	121.645	ng	97
43) 2,4,6-Trichlorophenol	12.85	196	352356	67.866	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	371542	64.057	ng	98
46) 1,1'-Biphenyl	13.25	154	1120890	58.320	ng	98
47) 2-Chloronaphthalene	13.30	162	896296	58.409	ng	98
48) 2-Nitroaniline	13.52	65	313455	57.376	ng	89
49) Acenaphthylene	14.15	152	1404236	57.179	ng	98
50) Dimethylphthalate	13.89	163	1352312	68.141	ng	99
51) 2,6-Dinitrotoluene	14.01	165	251543	60.178	ng	90
52) Acenaphthene	14.49	154	846693	60.121	ng	99
53) 3-Nitroaniline	14.35	138	130485	33.634	ng	98
54) 2,4-Dinitrophenol	14.55	184	238977	110.524	ng	91
55) Dibenzofuran	14.82	168	1413085	59.486	ng	97
56) 4-Nitrophenol	14.65	139	408168	123.312	ng	85
57) 2,4-Dinitrotoluene	14.80	165	350478	61.706	ng	93
58) Fluorene	15.47	166	1159687	59.442	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	360711	65.442	ng	96
60) Diethylphthalate	15.25	149	1136643	56.848	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	628527	56.859	ng	92
62) 4-Nitroaniline	15.51	138	214561	50.115	ng	91
63) Azobenzene	15.76	77	1231296	52.200	ng	95
65) 4,6-Dinitro-2-methylphenol	15.56	198	200791	67.602	ng	90
66) n-Nitrosodiphenylamine	15.69	169	981961	59.572	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	397015	57.795	ng	95
68) Hexachlorobenzene	16.47	284	456943	57.806	ng	96
69) Atrazine	16.64	200	383181	59.484	ng	100
70) Pentachlorophenol	16.82	266	589093	130.249	ng	98
71) Phenanthrene	17.22	178	2365477	76.497	ng	99
72) Anthracene	17.30	178	1972822	63.810	ng	99
73) Carbazole	17.58	167	1673145	59.976	ng	99
74) Di-n-butylphthalate	18.13	149	1949201	58.059	ng	98
75) Fluoranthene	19.23	202	2860564	73.114	ng	100
77) Benzidine	19.43	184	970176	50.106	ng	98
78) Pyrene	19.60	202	2855690	70.231	ng	99
80) Butylbenzylphthalate	20.49	149	928785	62.813	ng	99
81) Benzo(a)anthracene	21.34	228	2555681	60.173	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	639705	39.463	ng	97
83) Chrysene	21.40	228	2490396	60.460	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1383075	60.279	ng	100
85) Di-n-octyl phthalate	22.15	149	2406548	63.105	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3224126	65.804	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2806313	60.124	ng	99
89) Benzo(k)fluoranthene	23.00	252	2525592	59.319	ng	99
90) Benzo(a)pyrene	23.55	252	2693330	63.527	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	2648080	60.060	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2677591	63.966	ng	99

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

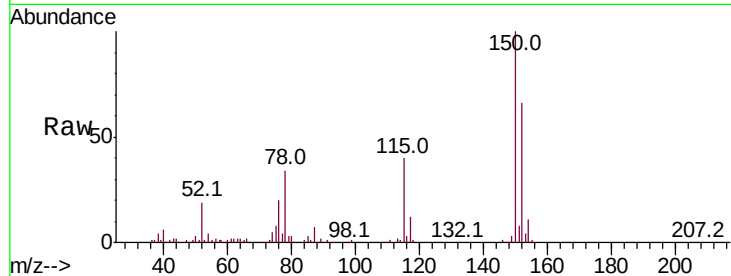


#1

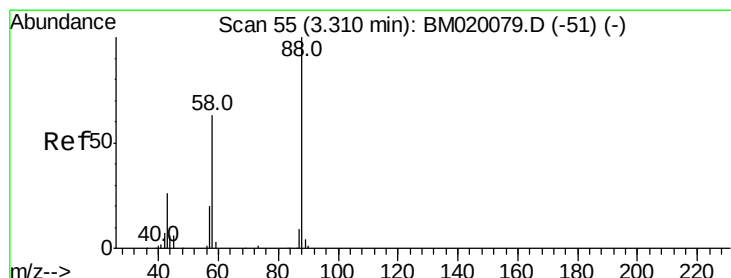
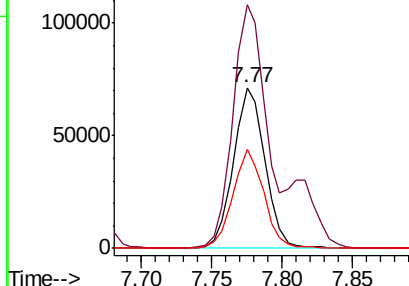
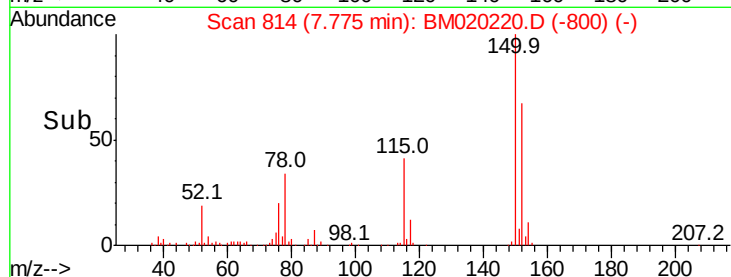
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 111369
Ion Ratio Lower Upper
152 100
150 151.3 119.8 179.8
115 61.2 50.8 76.2



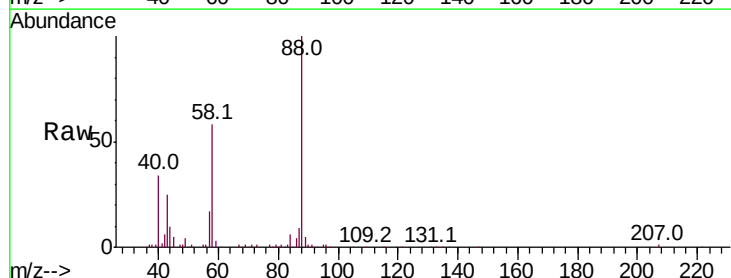
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



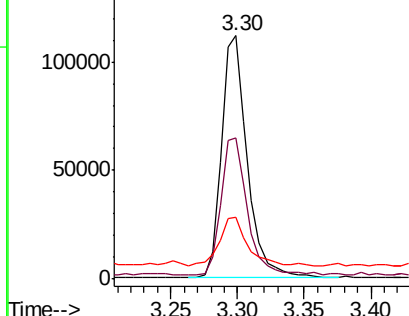
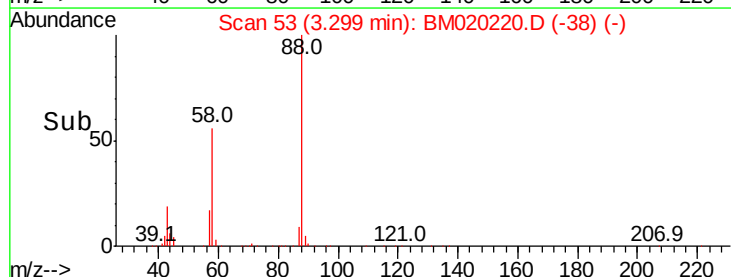
#2

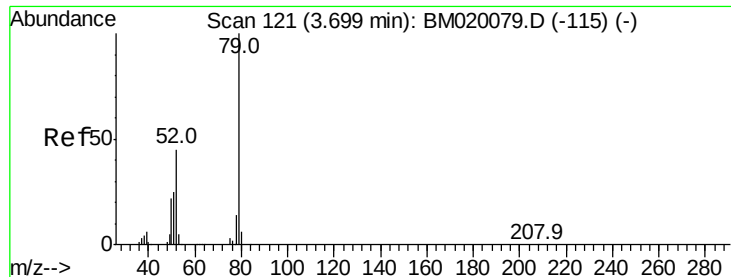
1,4-Dioxane
Concen: 45.055 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion: 88 Resp: 150555
Ion Ratio Lower Upper
88 100
58 59.3 51.8 77.6
43 21.2 20.3 30.5



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: 47.134 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

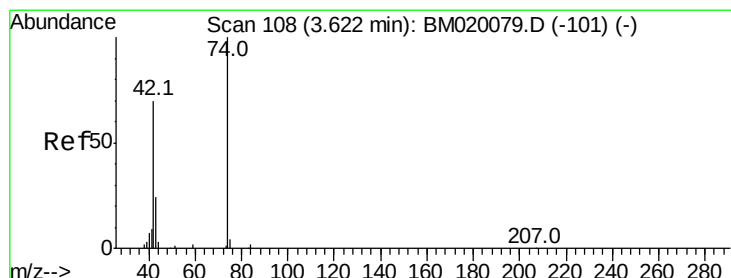
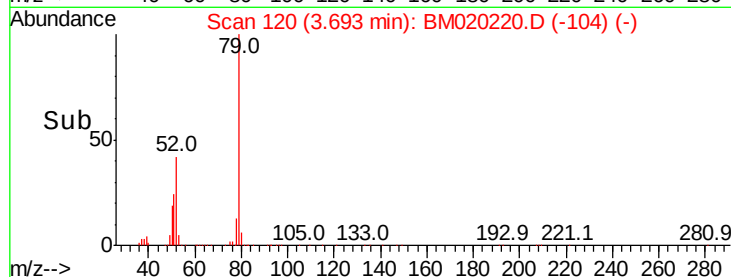
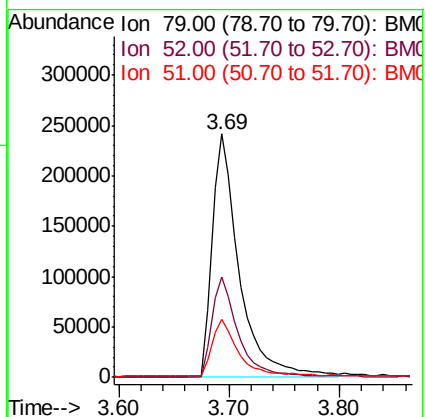
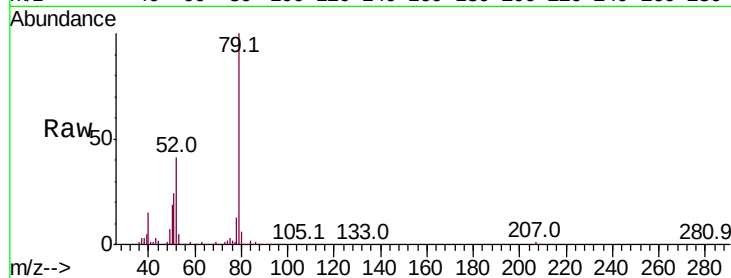
Tot Ion: 79 Resp: 402814

Ion Ratio Lower Upper

79 100

52 41.4 35.7 53.5

51 23.9 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 50.182 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

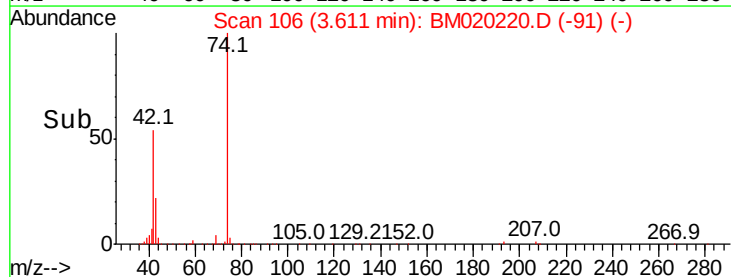
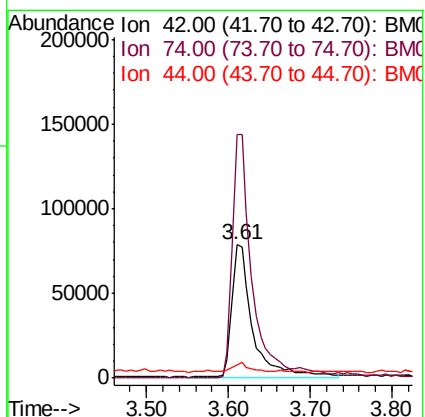
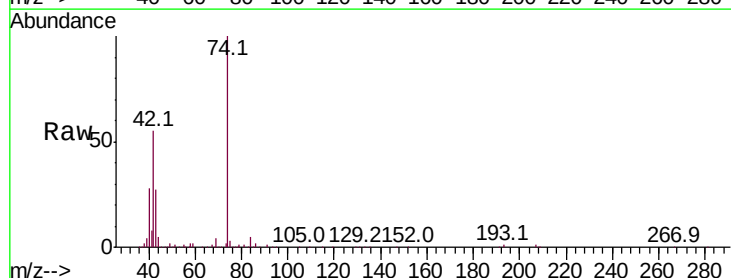
Tgt Ion: 42 Resp: 137522

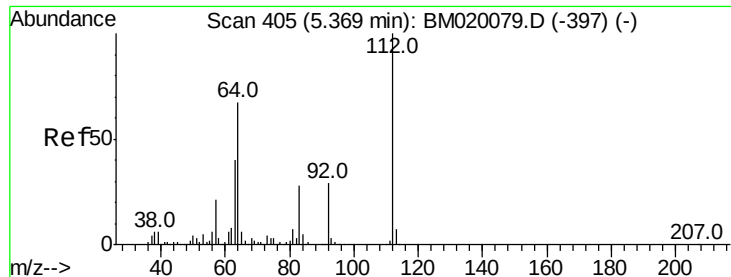
Ion Ratio Lower Upper

42 100

74 182.8 113.7 170.5#

44 9.8 3.9 5.9#





#5

2-Fluorophenol

Concen: 165.285 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

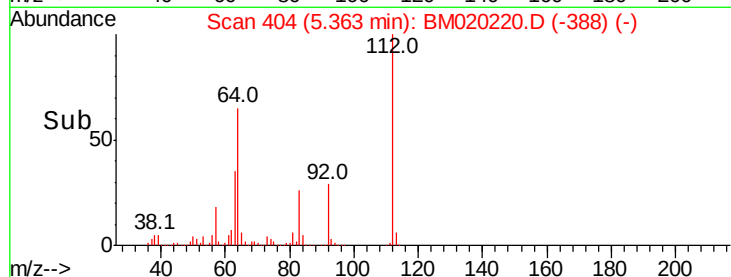
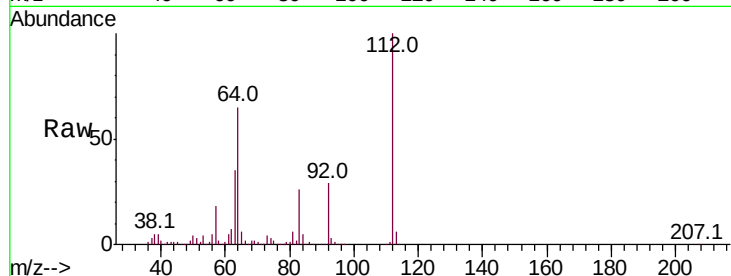
Tot Ion:112 Resp: 1126132

Ion Ratio Lower Upper

112 100

64 64.6 53.8 80.6

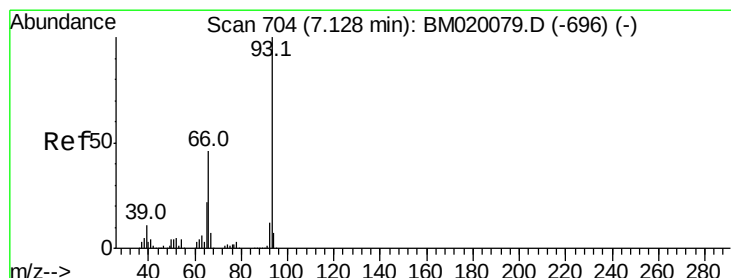
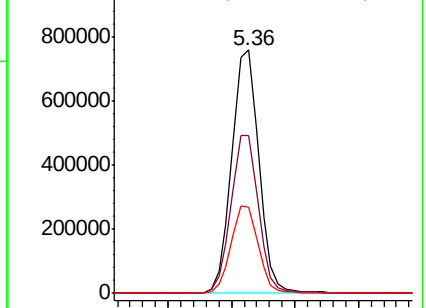
63 35.4 32.3 48.5



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: 25.108 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

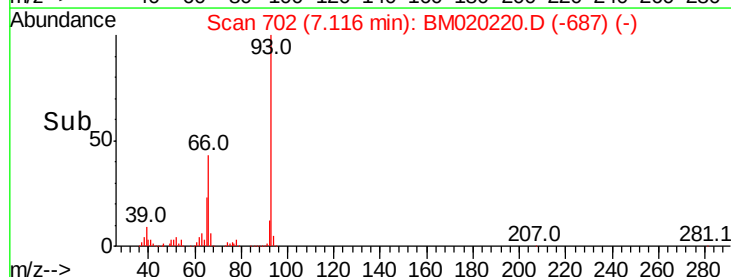
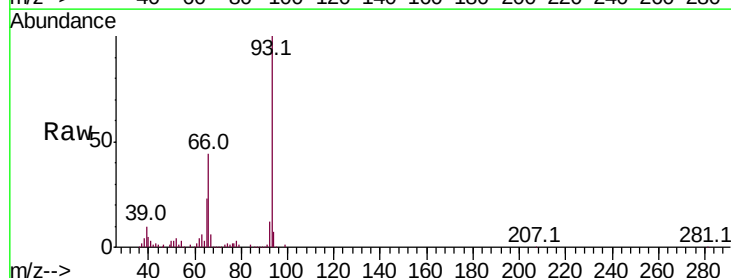
Tgt Ion: 93 Resp: 294190

Ion Ratio Lower Upper

93 100

66 43.6 36.6 54.8

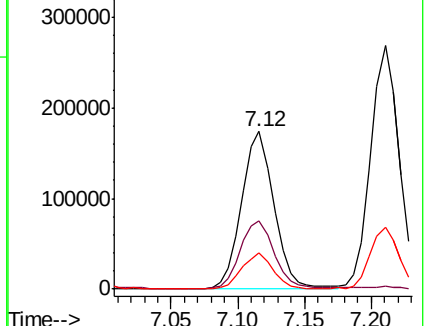
65 23.2 17.8 26.6

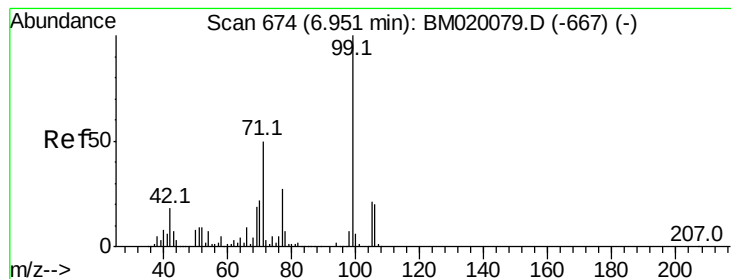


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 164.796 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

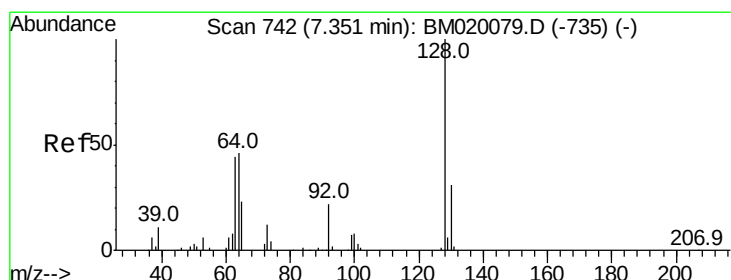
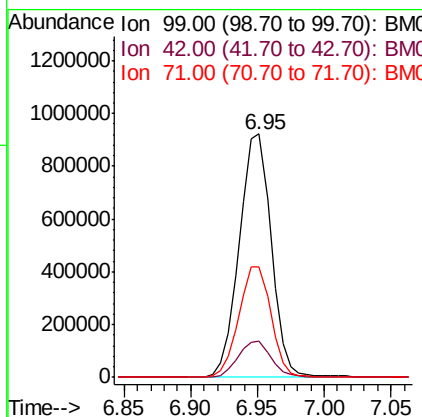
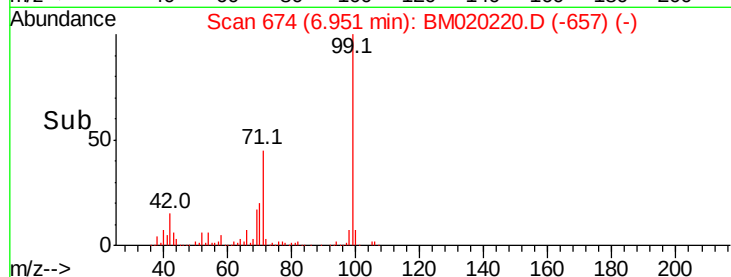
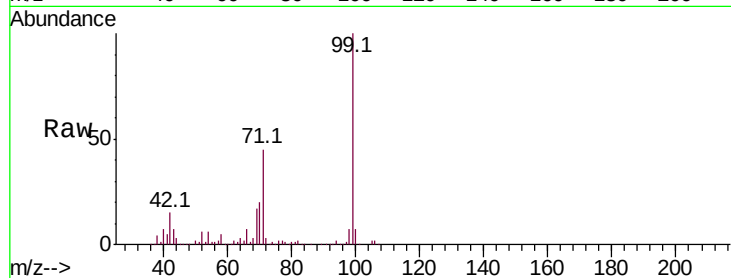
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1533903

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.2
71	45.5	40.3	60.5



#8

2-Chlorophenol

Concen: 52.892 ng

RT: 7.34 min Scan# 740

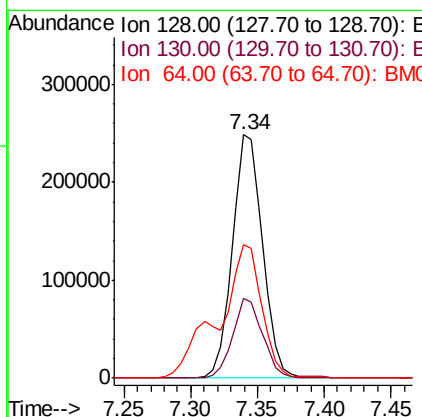
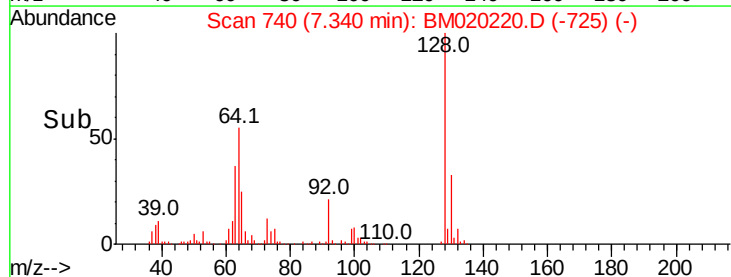
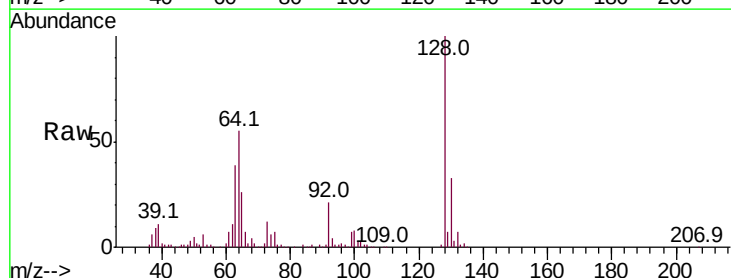
Delta R.T. -0.01 min

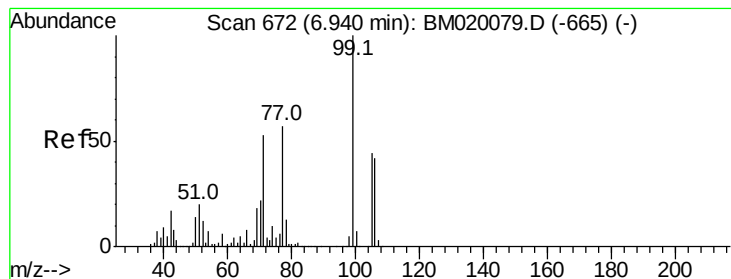
Lab File: BM020220.D

Acq: 09 May 2019 16:51

Tgt Ion: 128 Resp: 392386

Ion	Ratio	Lower	Upper
128	100		
130	32.5	10.8	50.8
64	54.9	36.5	76.5





#9

Benzaldehyde

Concen: 34.213 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

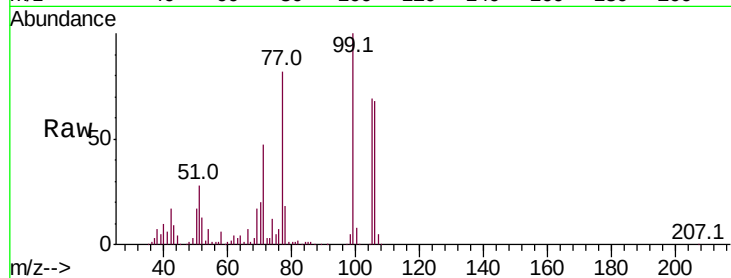
Tot Ion: 77 Resp: 241023

Ion Ratio Lower Upper

77 100

105 83.9 57.8 97.8

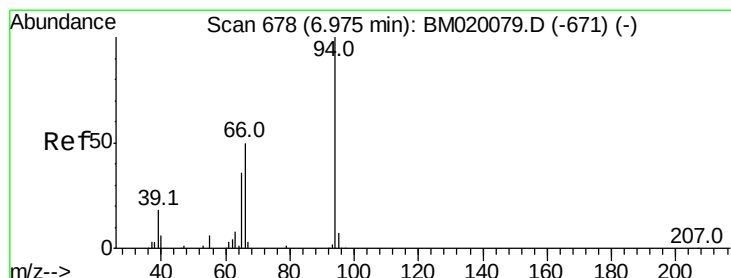
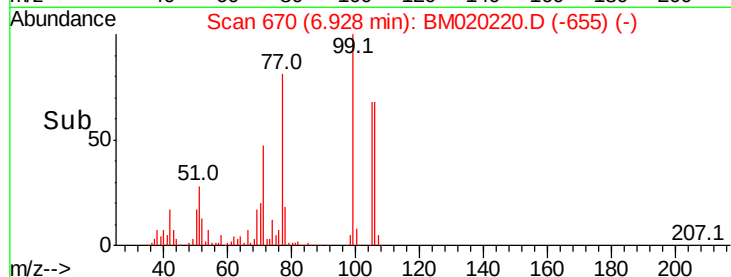
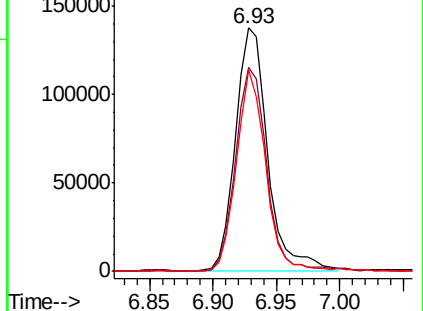
106 82.8 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020220.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020220.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020220.D (-665) (-)



#10

Phenol

Concen: 55.164 ng

RT: 6.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

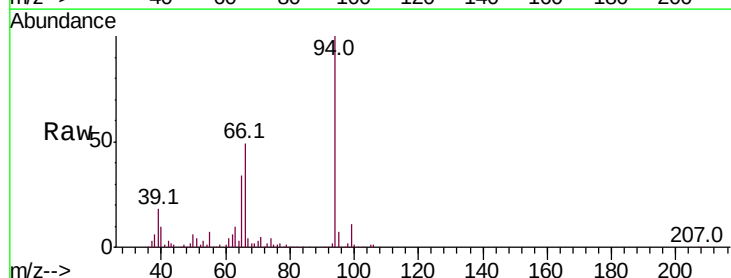
Tgt Ion: 94 Resp: 552758

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

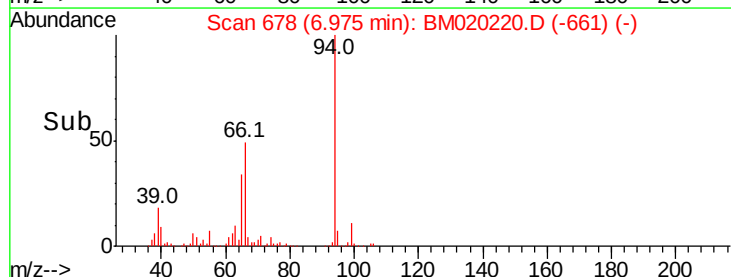
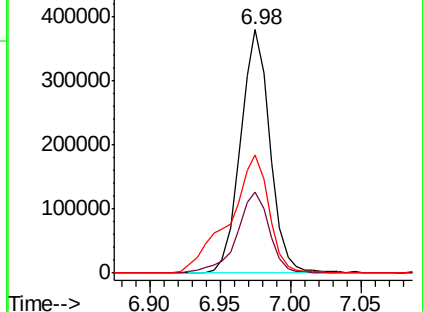
66 48.7 34.5 74.5

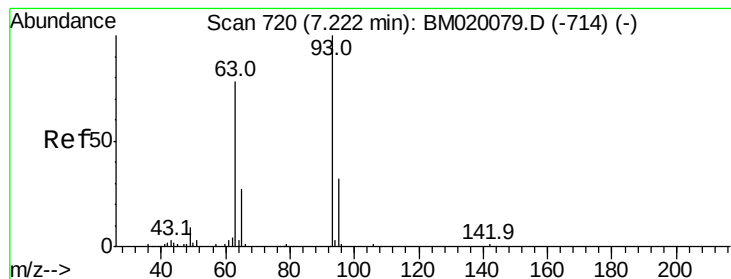


Abundance Ion 94.00 (93.70 to 94.70): BM020220.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020220.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020220.D (-661) (-)

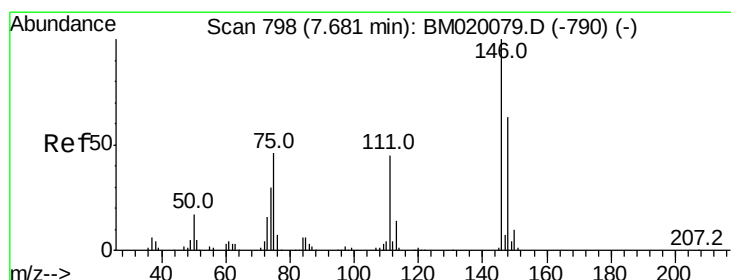
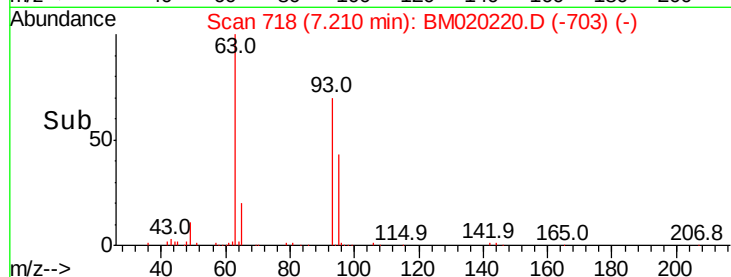
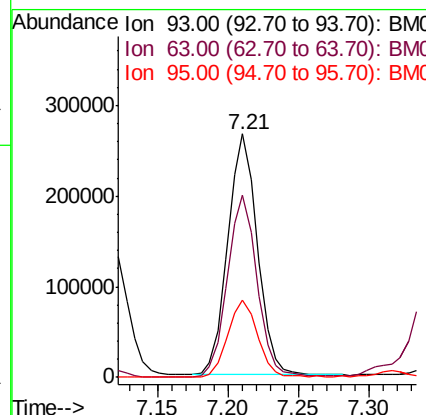
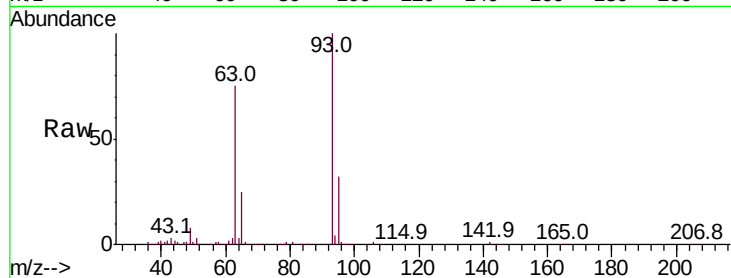




#11
bis(2-Chloroethyl)ether
Concen: 53.263 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

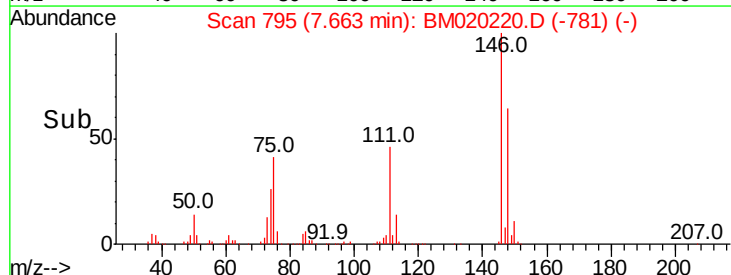
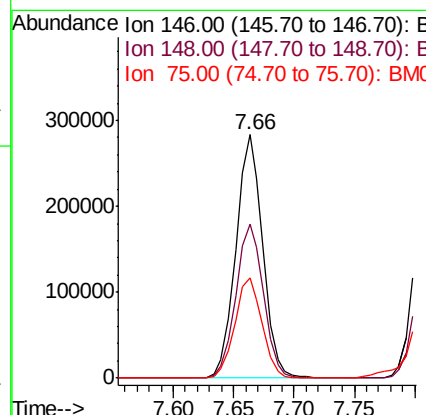
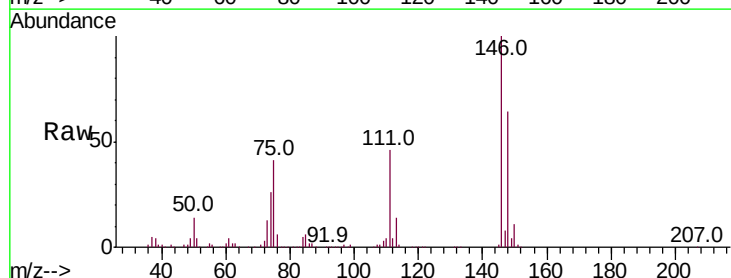
Instrument :
BNA_M
ClientSampled :

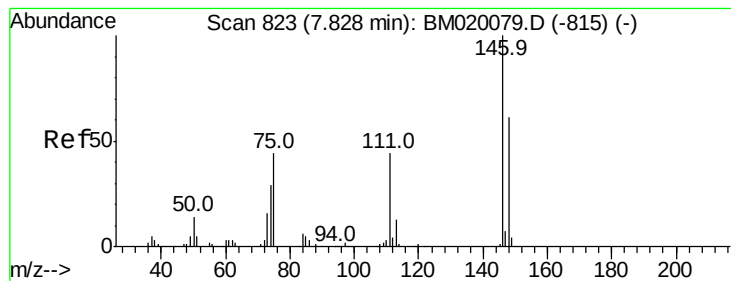
Tot Ion: 93 Resp: 387912
Ion Ratio Lower Upper
93 100
63 74.9 57.9 97.9
95 31.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 50.811 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion: 146 Resp: 438577
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
75 41.2 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 50.923 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

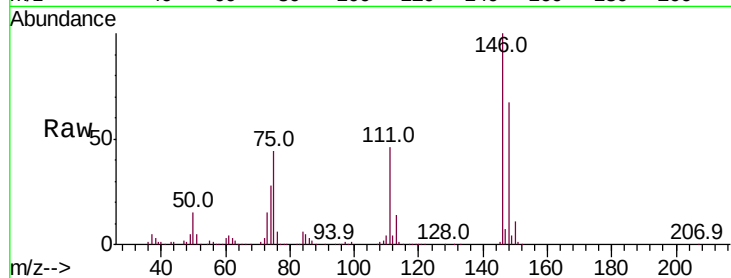
Tot Ion:146 Resp: 444020

Ion Ratio Lower Upper

146 100

148 66.6 48.5 72.7

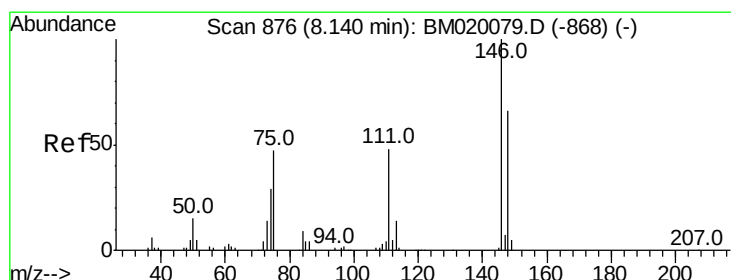
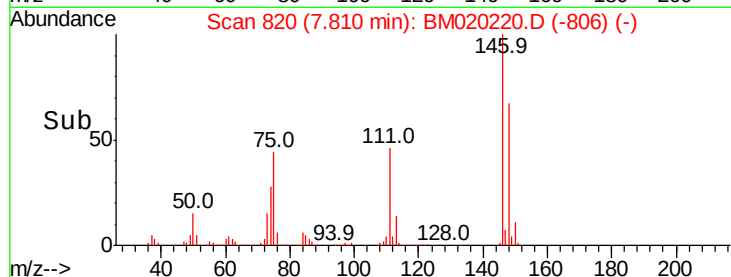
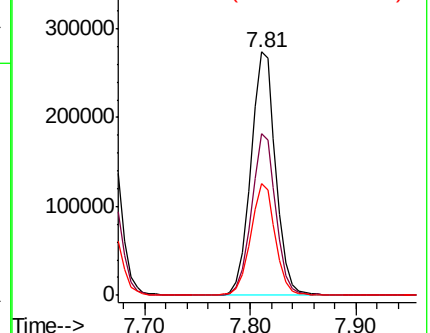
111 45.9 35.7 53.5



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



#14

1,2-Dichlorobenzene

Concen: 51.148 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

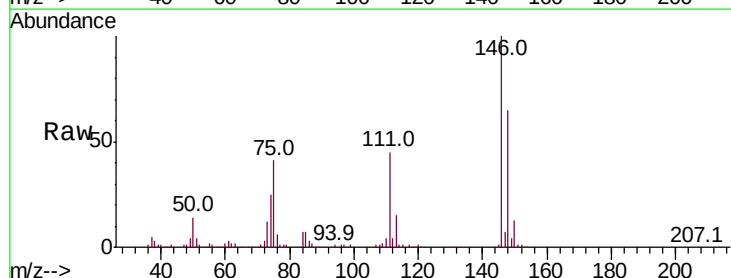
Tgt Ion:146 Resp: 424900

Ion Ratio Lower Upper

146 100

148 64.5 52.6 79.0

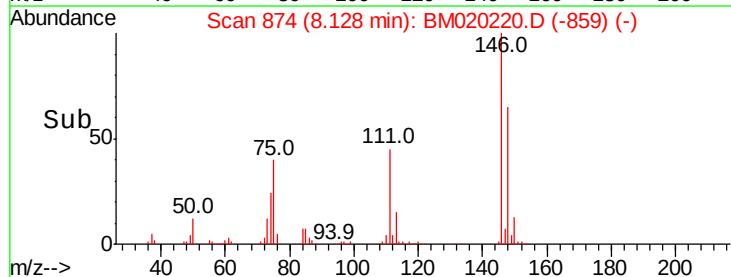
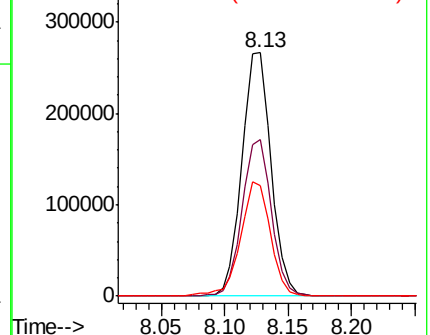
111 45.5 39.0 58.4

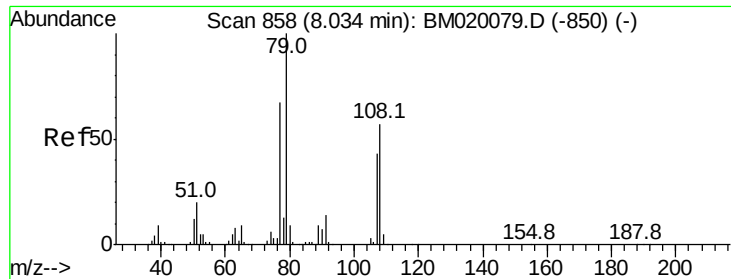


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.394 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

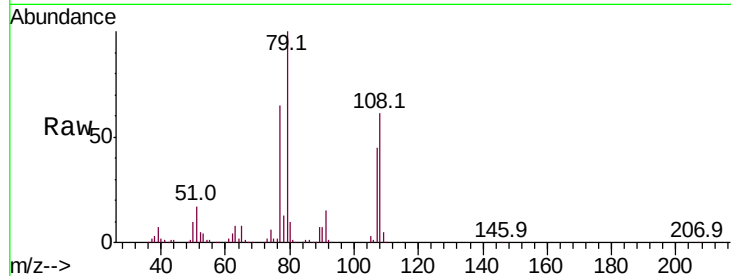
Tot Ion: 79 Resp: 434350

Ion Ratio Lower Upper

79 100

108 61.4 46.0 69.0

77 65.4 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020220.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020220.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020220.D (-850) (-)

8.02

300000

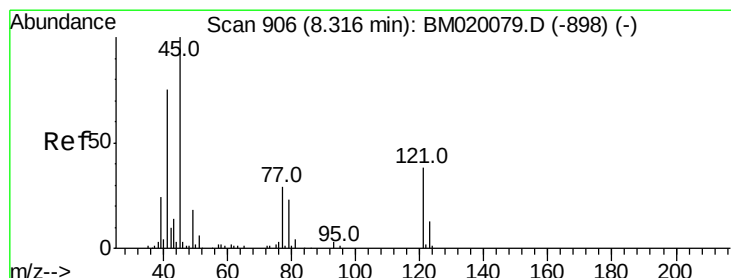
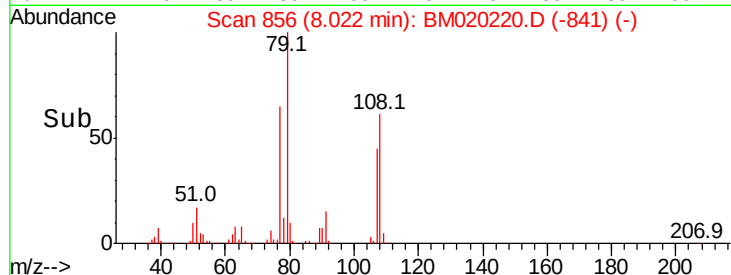
200000

100000

0

Time-->

7.95 8.00 8.05 8.10



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.000 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

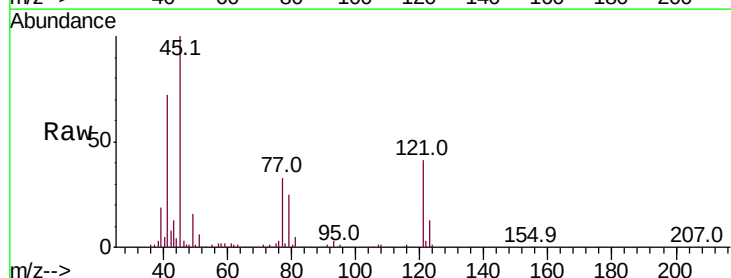
Tgt Ion: 45 Resp: 295911

Ion Ratio Lower Upper

45 100

77 33.0 10.5 50.5

79 25.2 3.3 43.3



Abundance Ion 45.00 (44.70 to 45.70): BM020220.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020220.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020220.D (-889) (-)

8.30

150000

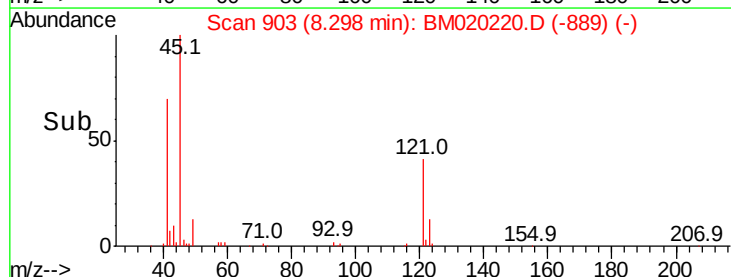
100000

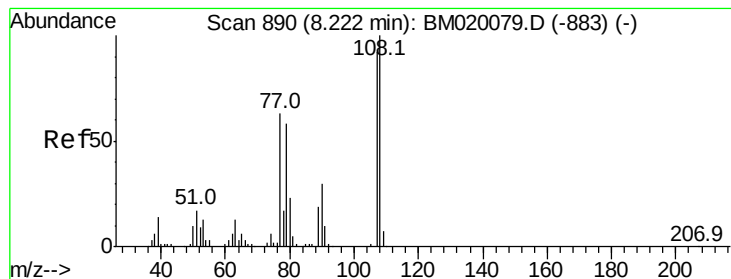
50000

0

Time-->

8.20 8.25 8.30 8.35

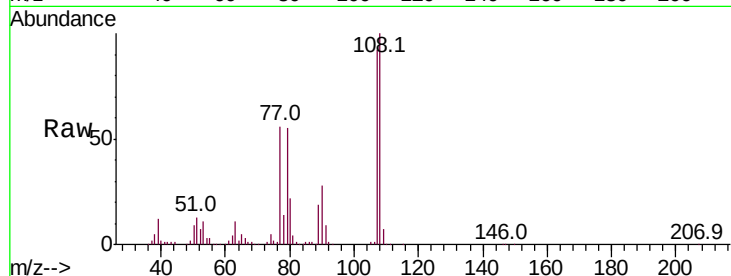




#17
2-Methylphenol
Concen: 52.794 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.0	130.4
77	61.0	54.7	82.1
79	59.3	50.1	75.1



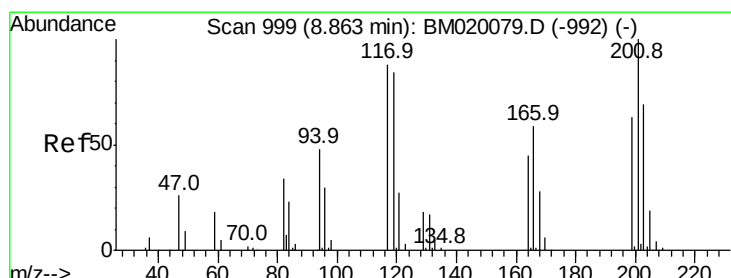
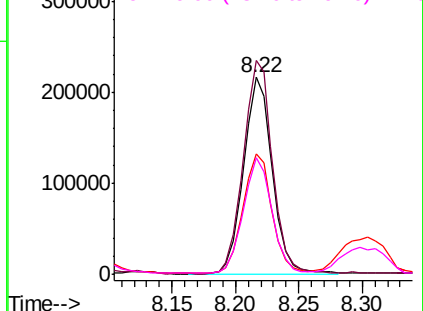
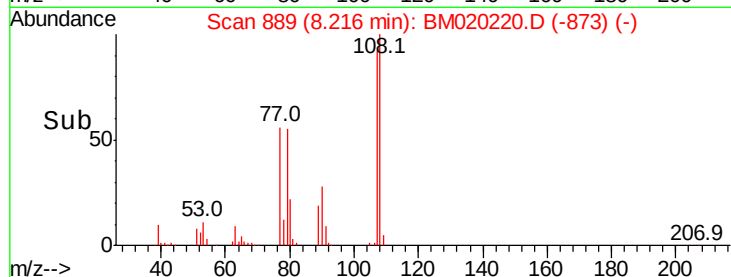
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

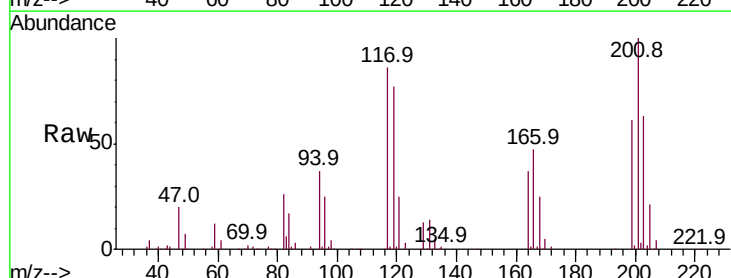
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 48.640 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.6	114.8
201	116.9	90.7	136.1

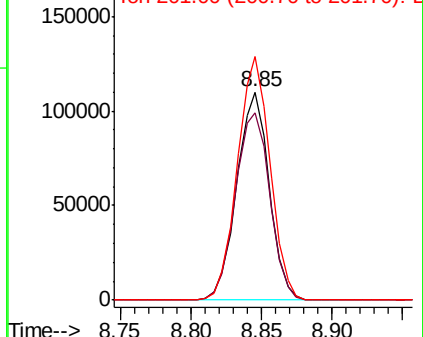
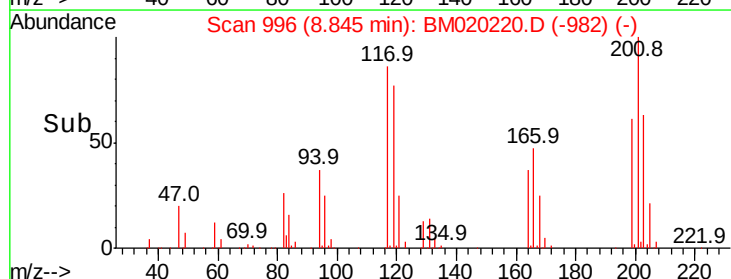


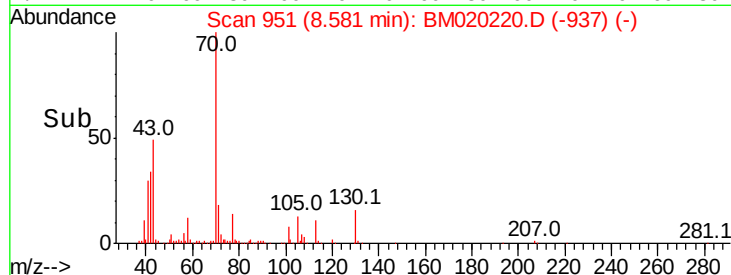
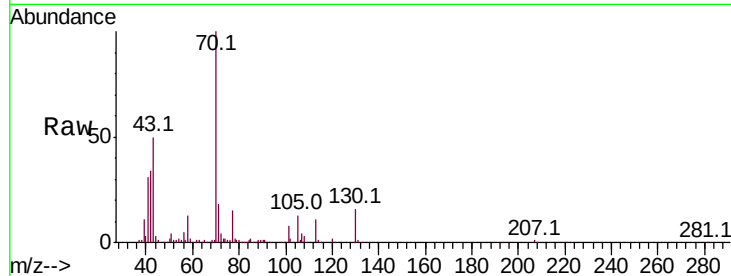
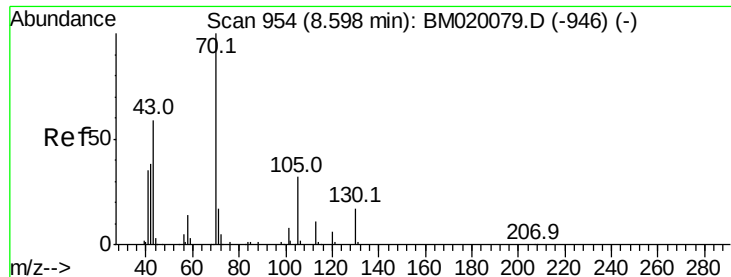
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

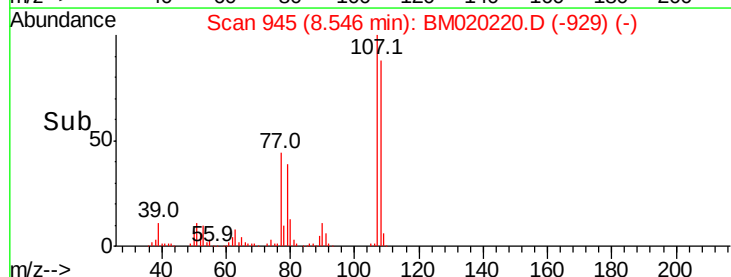
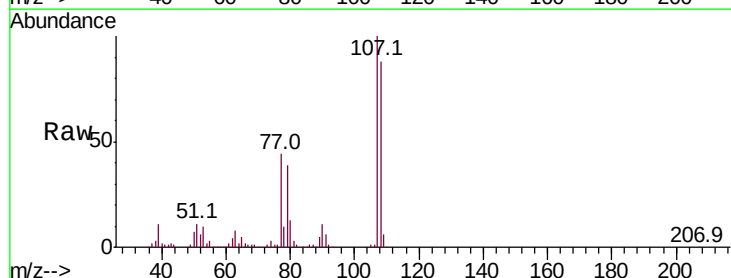
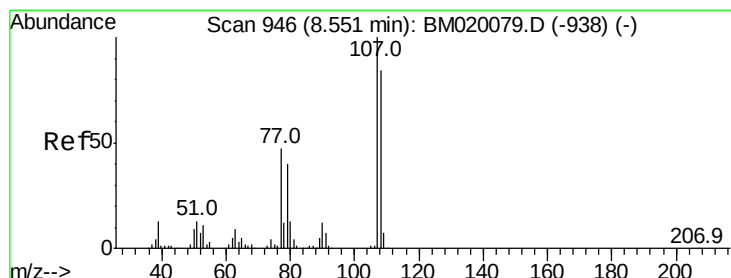
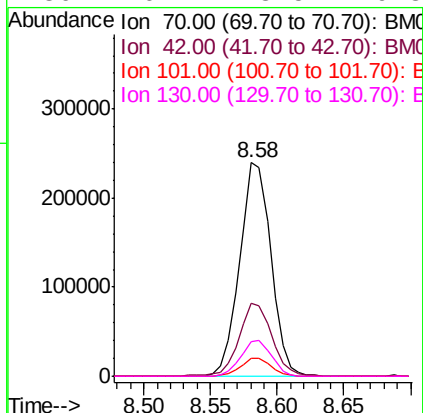




#19
n-Nitroso-di-n-propylamine
Concen: 48.871 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

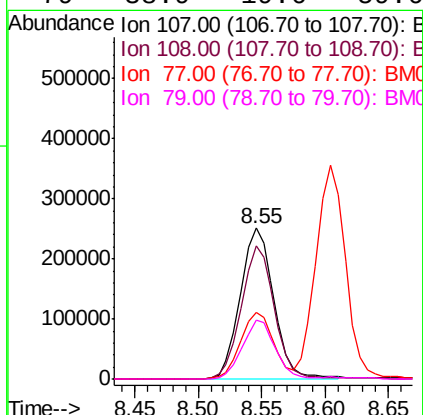
Instrument :
BNA_M
ClientSampleId :

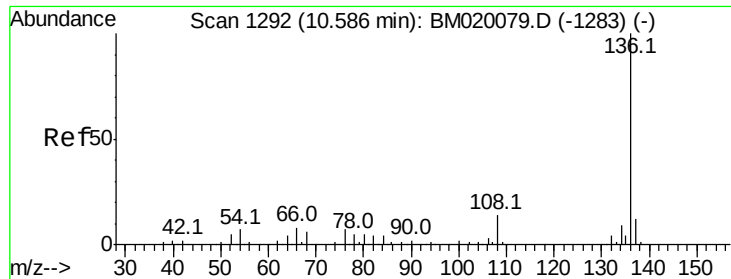
Tot Ion:	70	Resp:	389178
Ion	Ratio	Lower	Upper
70	100		
42	34.1	31.0	46.4
101	8.2	6.2	9.2
130	16.2	13.5	20.3



#20
3+4-Methylphenols
Concen: 53.835 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:	107	Resp:	461518
Ion	Ratio	Lower	Upper
107	100		
108	88.4	64.4	104.4
77	43.9	27.2	67.2
79	38.9	19.6	59.6

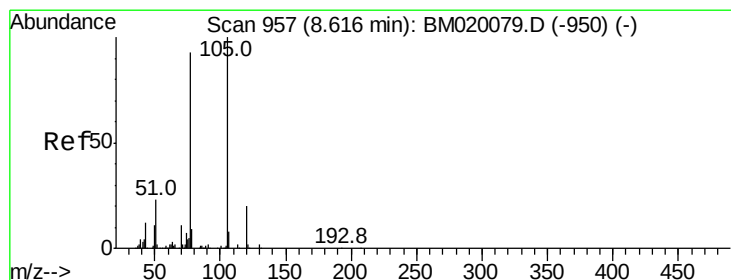
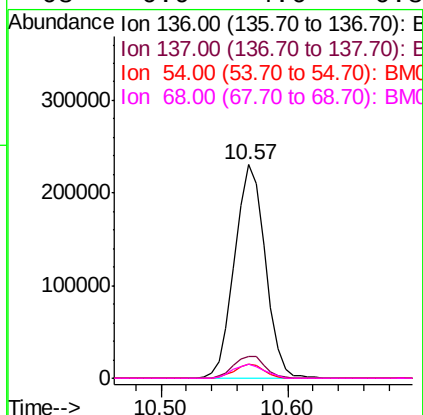
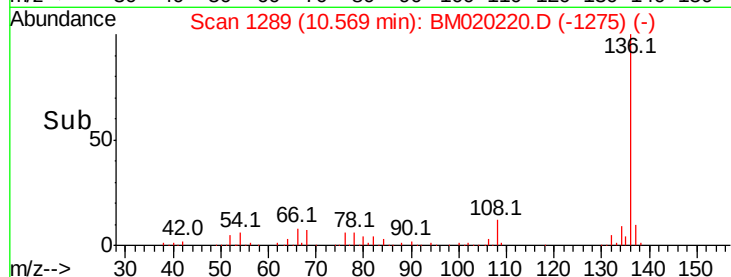
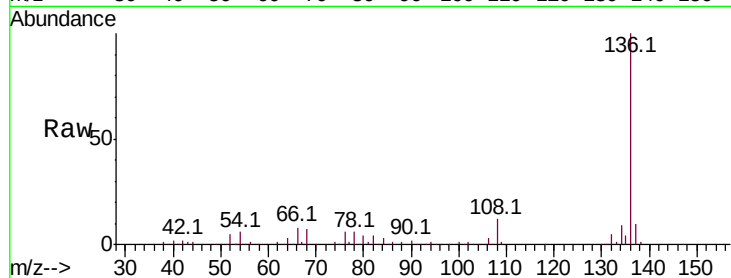




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

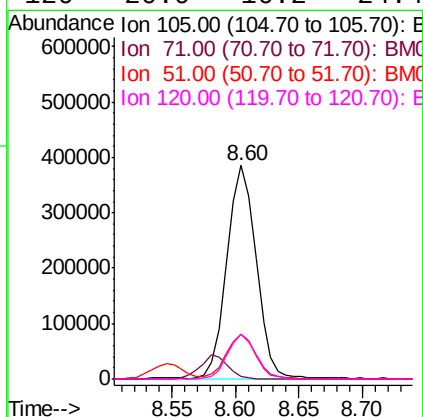
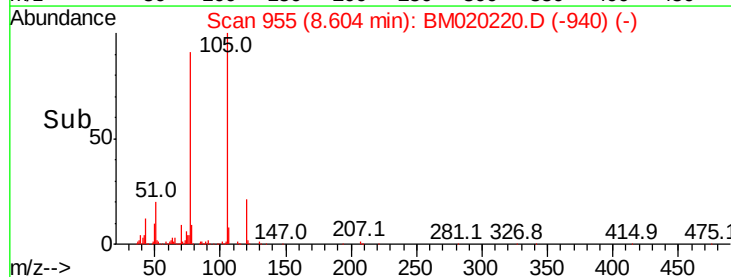
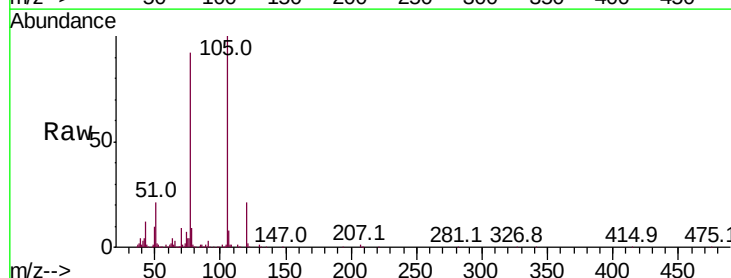
Instrument :
BNA_M
ClientSampleId :

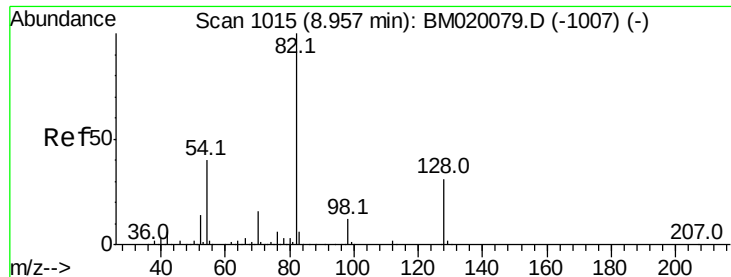
Tot Ion:	136	Resp:	386447
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	6.4	5.5	8.3
68	6.9	4.6	6.8#



#22
Acetophenone
Concen: 58.264 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:	105	Resp:	615359
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.2	3.2#
51	20.7	19.3	28.9
120	20.9	16.2	24.4



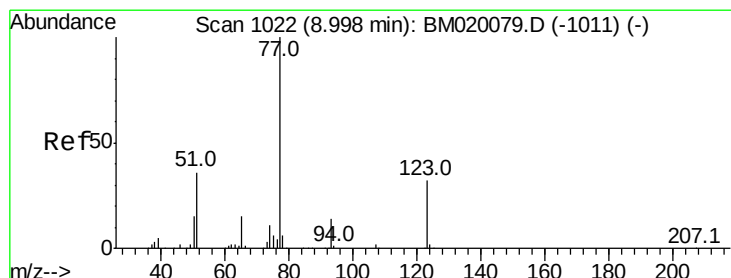
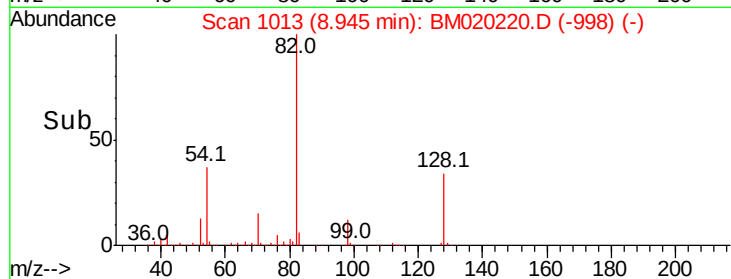
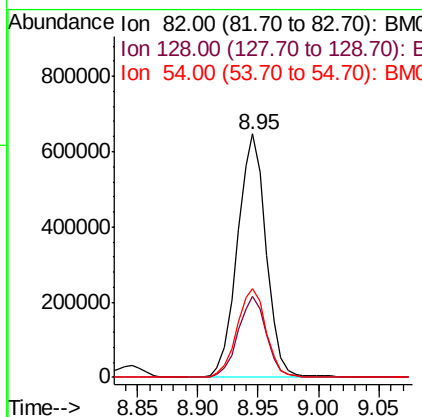
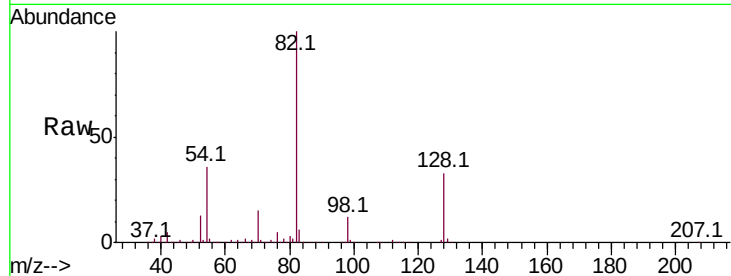


#23
 Nitrobenzene-d5
 Concen: 109.514 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1071967

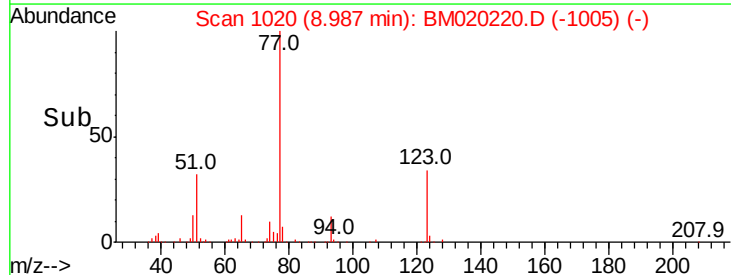
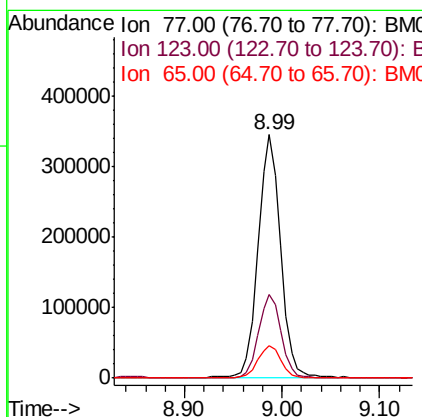
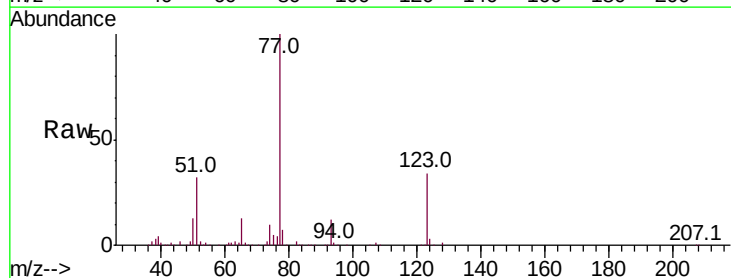
Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.2	37.8
54	36.3	31.9	47.9

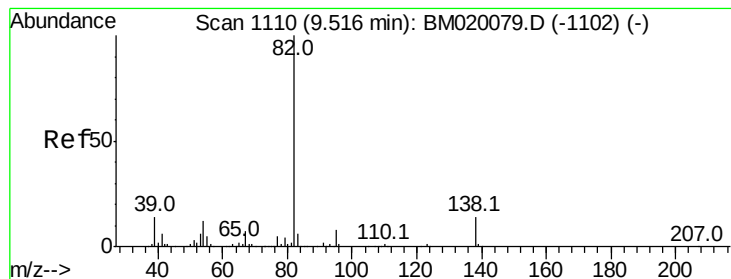


#24
 Nitrobenzene
 Concen: 54.655 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion: 77 Resp: 554695

Ion	Ratio	Lower	Upper
77	100		
123	34.3	25.5	38.3
65	13.4	11.8	17.6





#25

Isophorone

Concen: 57.474 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

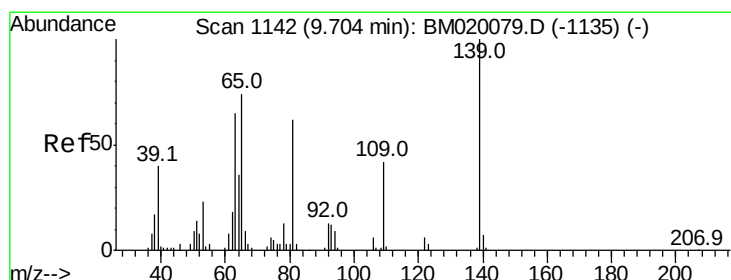
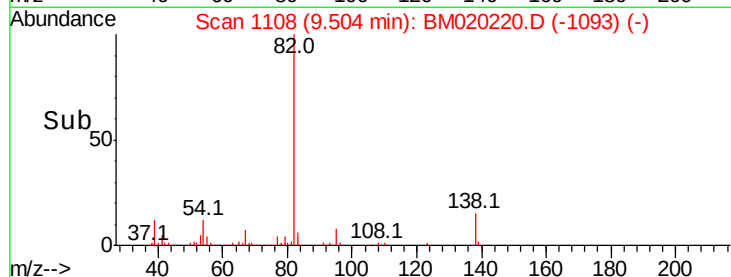
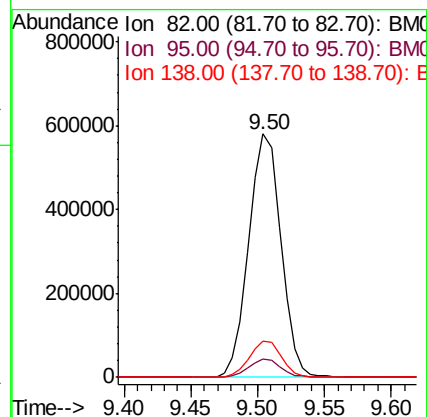
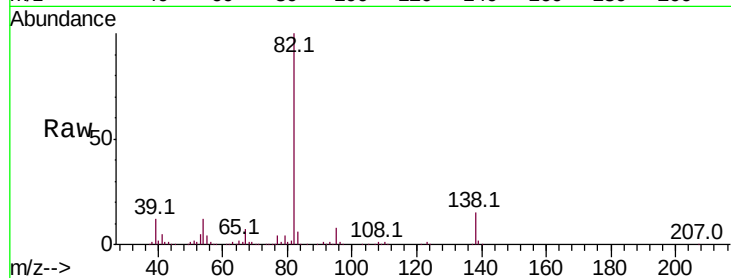
Tot Ion: 82 Resp: 970153

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 14.8 11.1 16.7



#26

2-Nitrophenol

Concen: 70.120 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

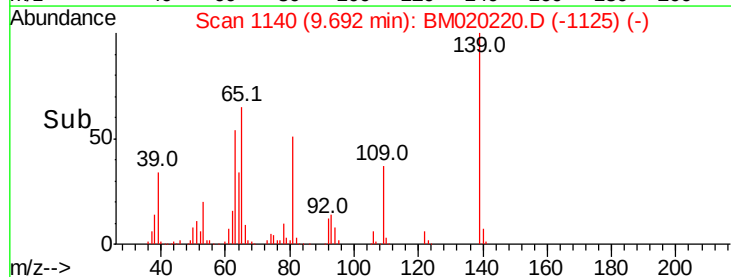
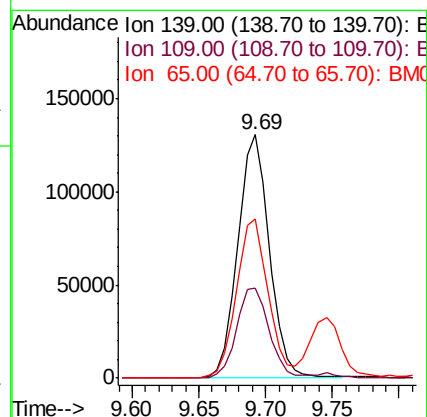
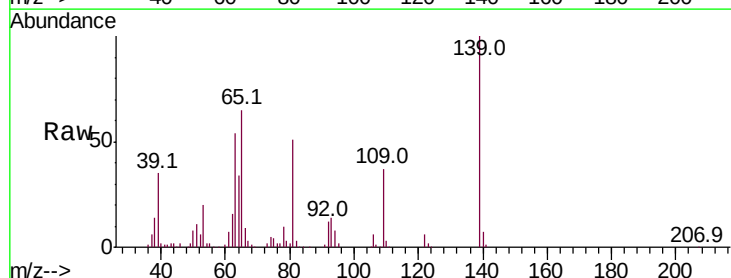
Tgt Ion: 139 Resp: 214844

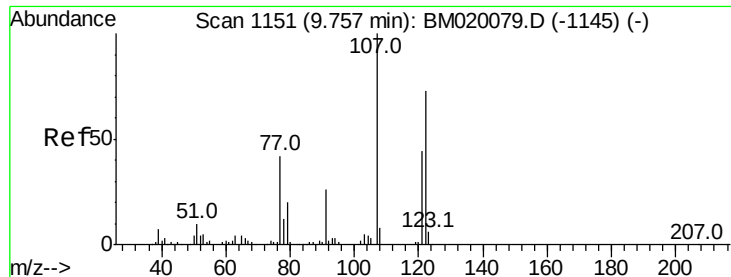
Ion Ratio Lower Upper

139 100

109 36.9 33.7 50.5

65 65.3 59.5 89.3

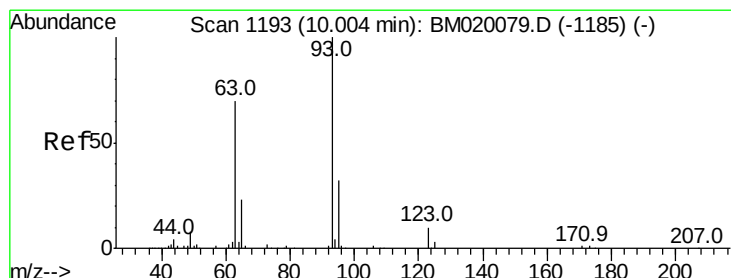
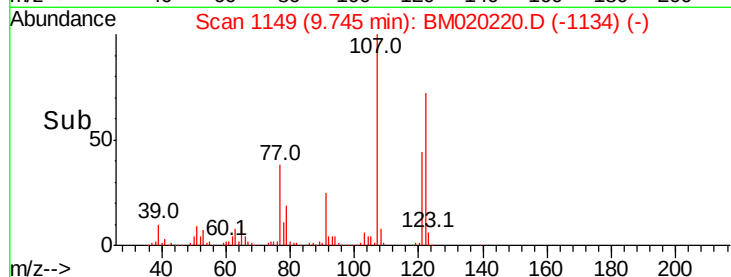
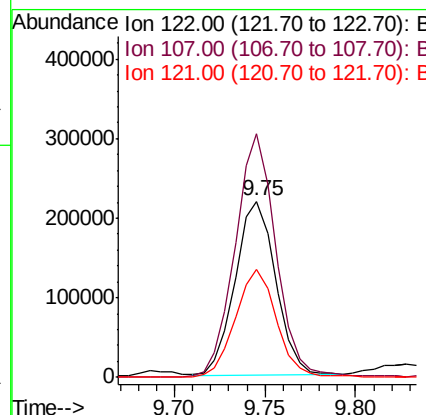
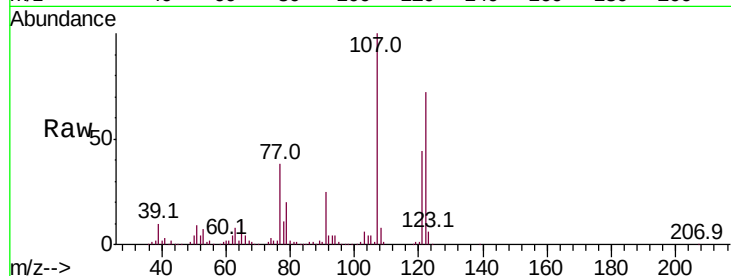




#27
 2,4-Dimethylphenol
 Concen: 67.237 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

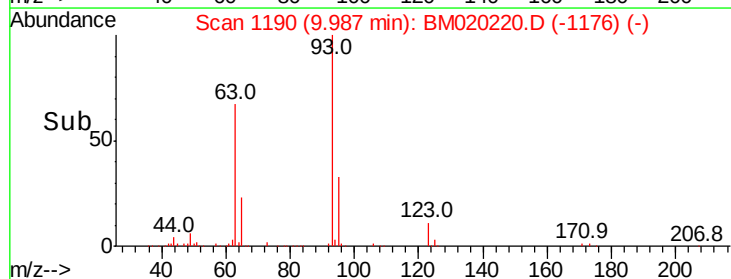
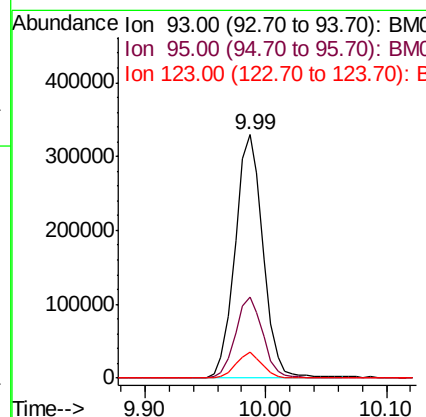
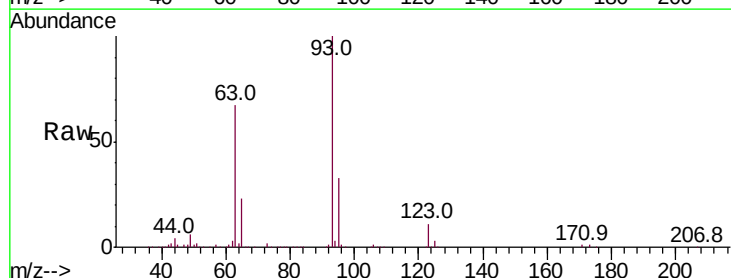
Instrument :
 BNA_M
 ClientSampleId :

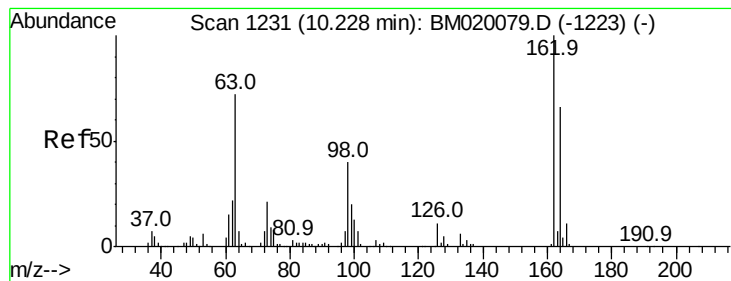
Tot Ion:122 Resp: 342977
 Ion Ratio Lower Upper
 122 100
 107 138.5 108.6 162.8
 121 61.6 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.922 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion: 93 Resp: 532502
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 10.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 60.803 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

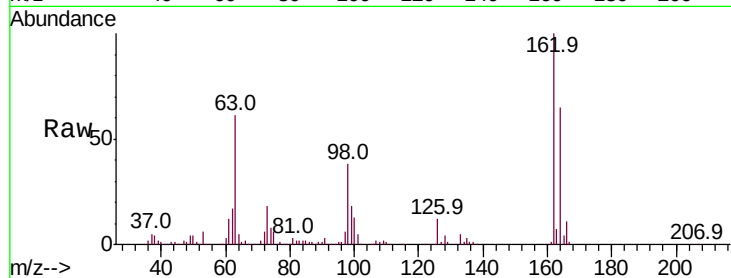
Tot Ion:162 Resp: 391100

Ion Ratio Lower Upper

162 100

164 65.2 45.6 85.6

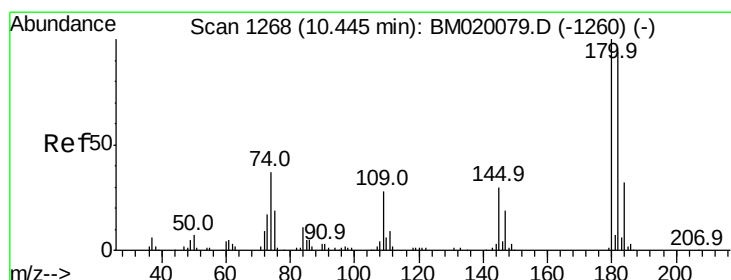
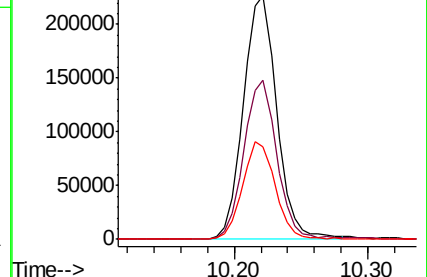
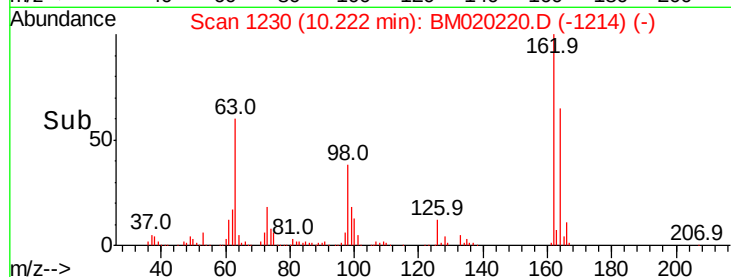
98 38.1 20.4 60.4



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: 57.333 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

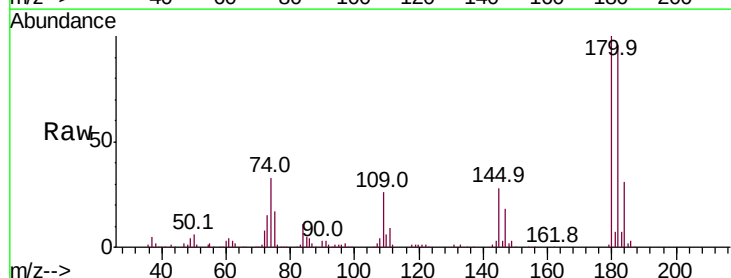
Tgt Ion:180 Resp: 453771

Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

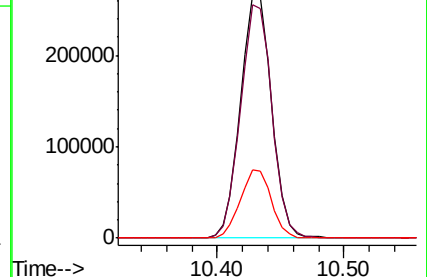
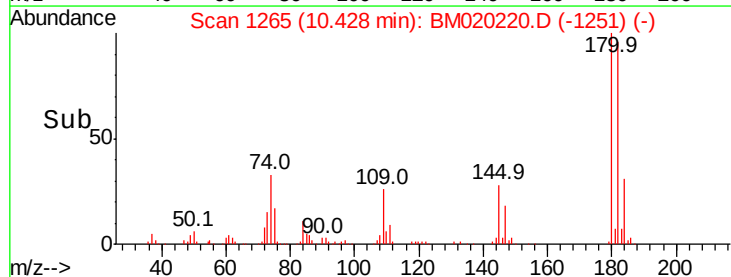
145 27.9 23.8 35.8

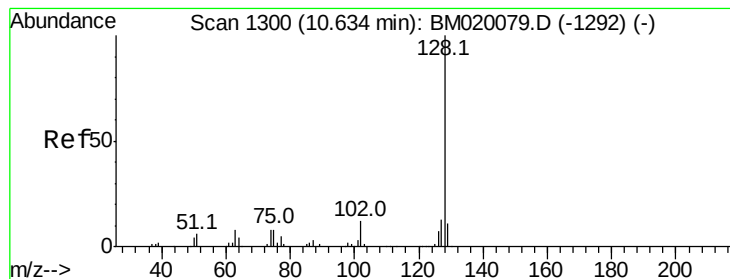


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

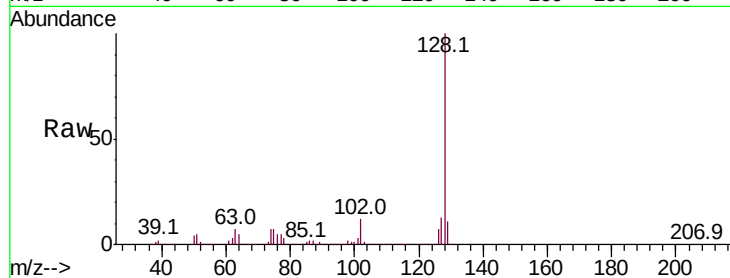




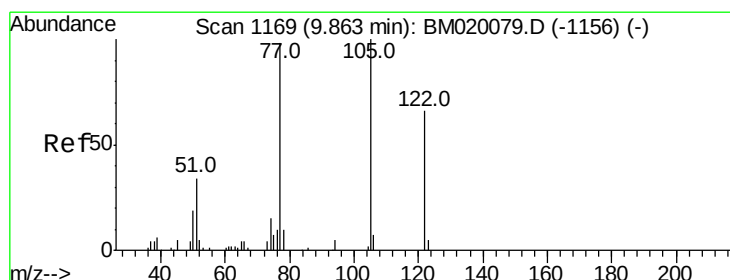
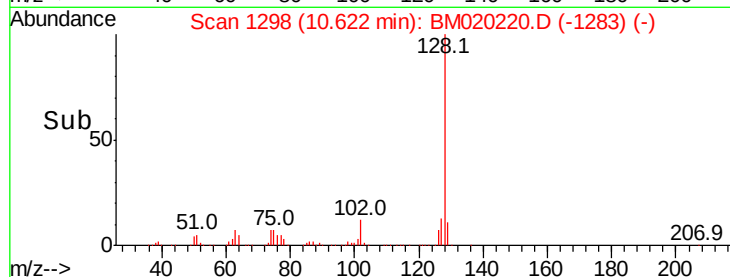
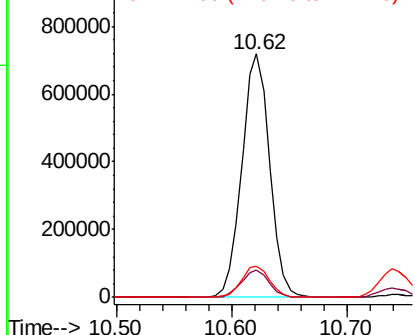
#31
Naphthalene
Concen: 59.912 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 1201488
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.9 10.4 15.6

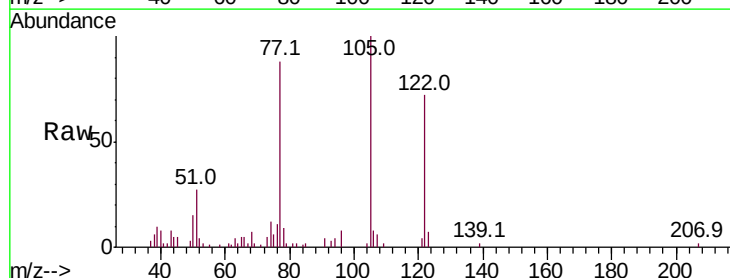


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

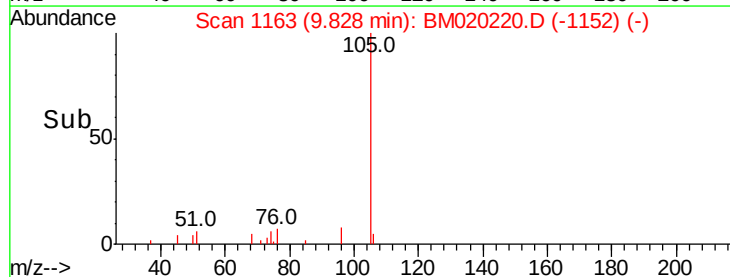
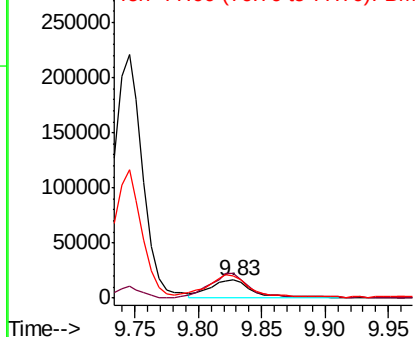


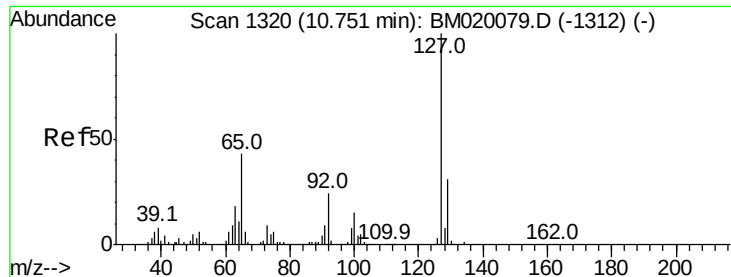
#32
Benzoic acid
Concen: 14.995 ng
RT: 9.83 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:122 Resp: 35289
Ion Ratio Lower Upper
122 100
105 139.5 122.5 162.5
77 122.4 123.3 163.3#



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): BM

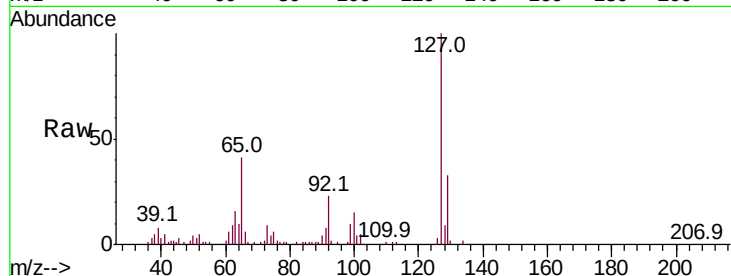




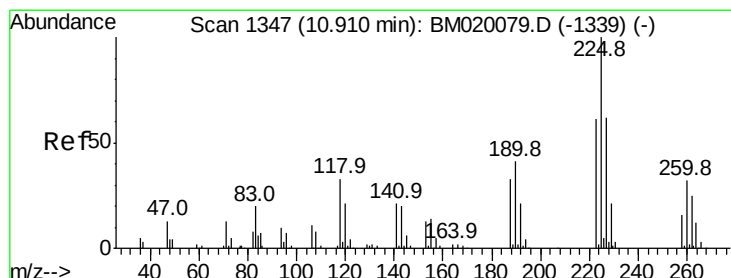
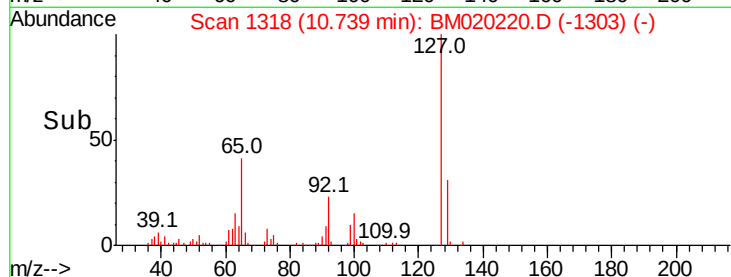
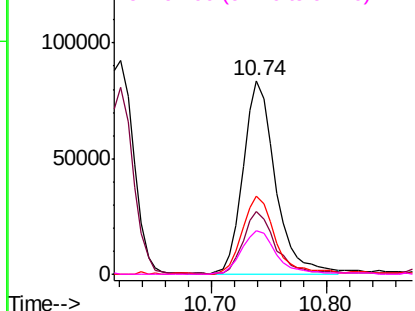
#33
4-Chloroaniline
Concen: 19.766 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	163153
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.7	37.1
65	40.7	34.6	52.0
92	22.7	19.5	29.3

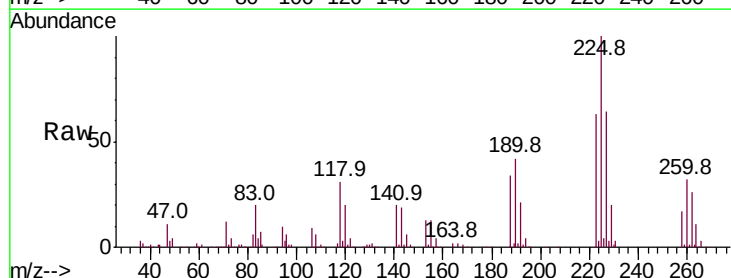


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

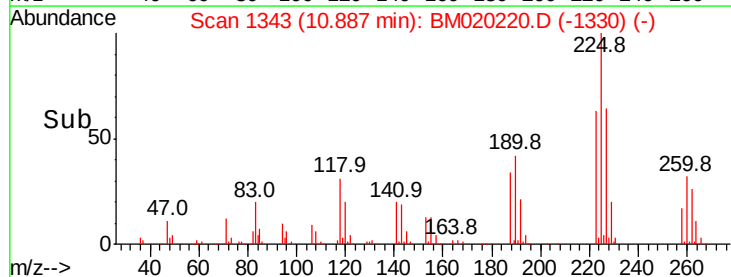
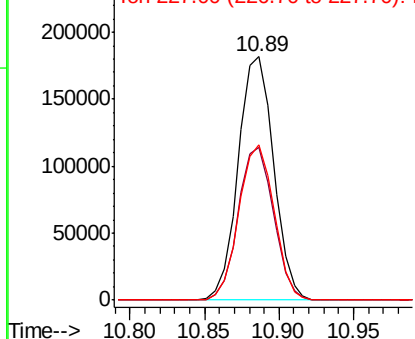


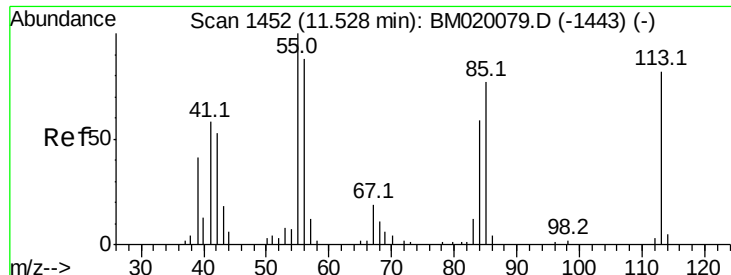
#34
Hexachlorobutadiene
Concen: 53.574 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:	225	Resp:	299954
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.9	73.3
227	63.9	49.6	74.4



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: 43.356 ng

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

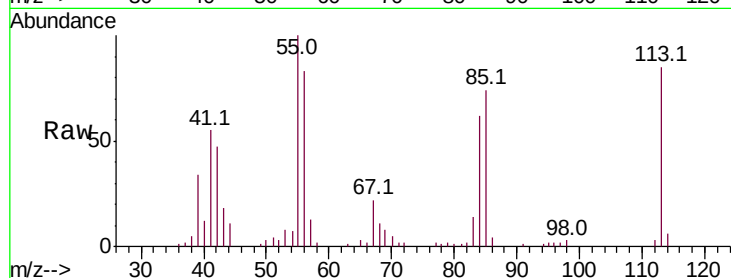
Tot Ion:113 Resp: 83387

Ion Ratio Lower Upper

113 100

55 117.9 102.5 142.5

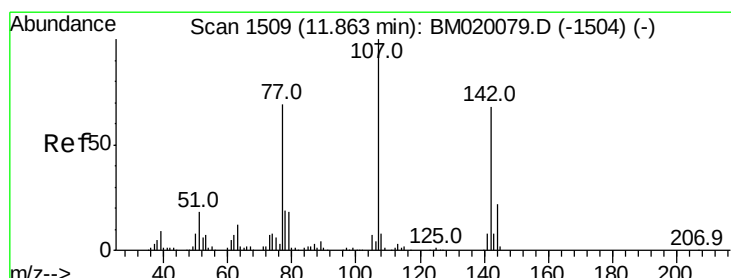
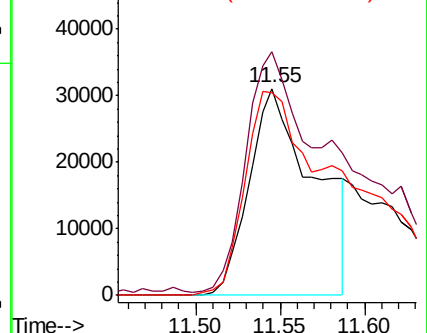
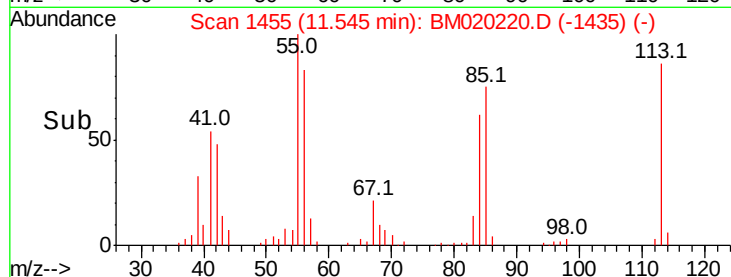
56 98.1 87.7 127.7



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: 58.190 ng

RT: 11.86 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

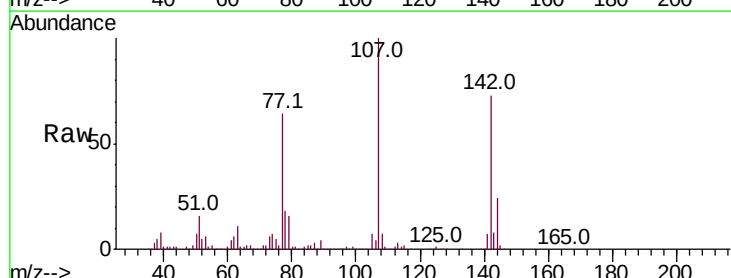
Tgt Ion:107 Resp: 439850

Ion Ratio Lower Upper

107 100

144 23.8 17.6 26.4

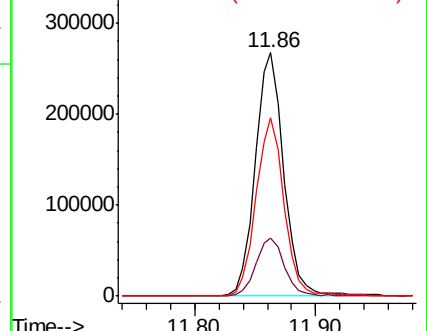
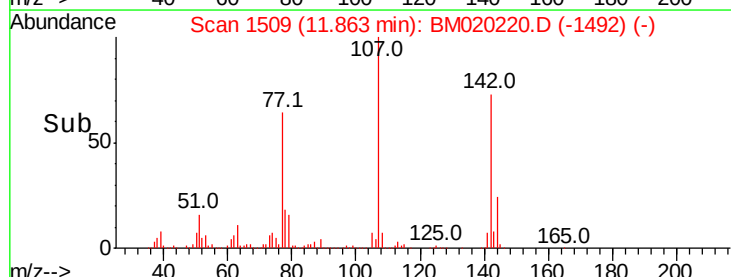
142 73.4 54.6 82.0

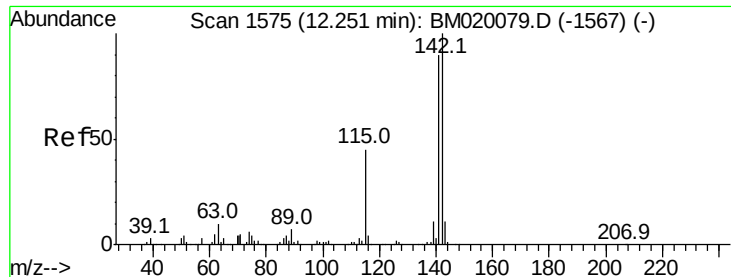


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 59.516 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

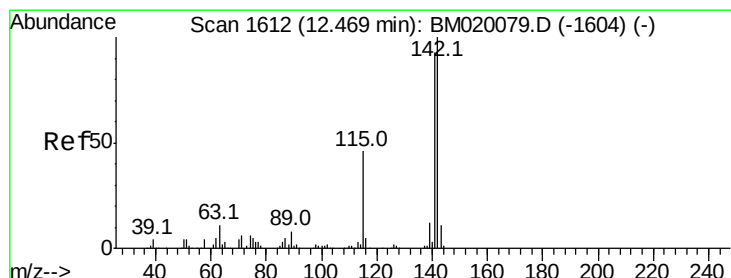
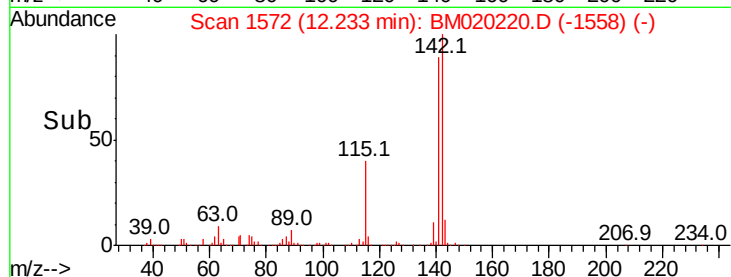
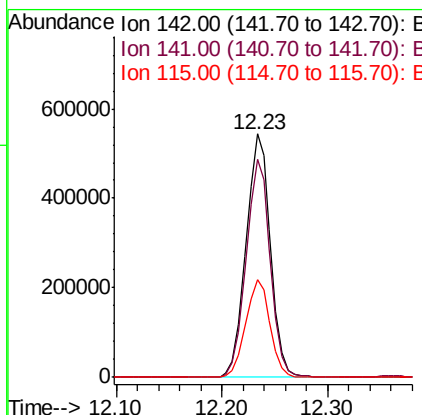
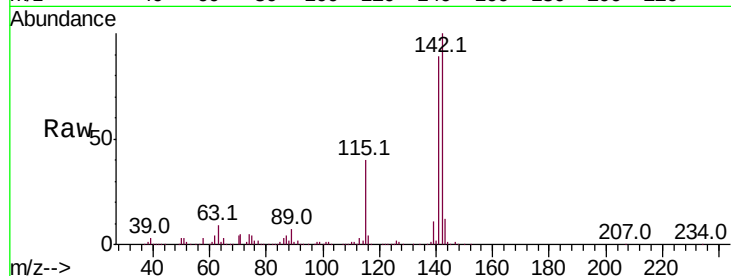
Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 870140

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	39.9	35.8	53.6



#38

1-Methylnaphthalene

Concen: 57.100 ng

RT: 12.46 min Scan# 1610

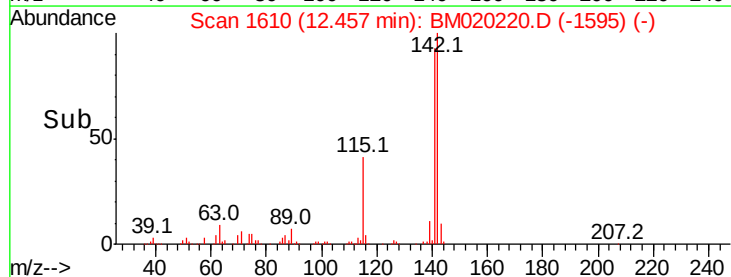
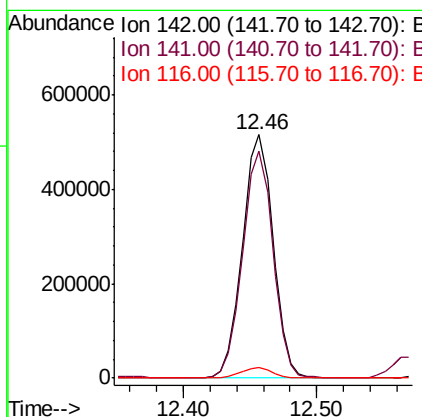
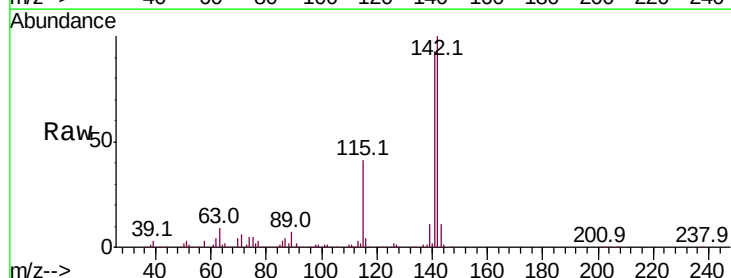
Delta R.T. -0.01 min

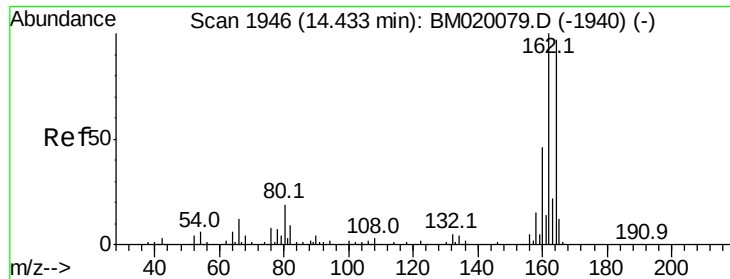
Lab File: BM020220.D

Acq: 09 May 2019 16:51

Tgt Ion:142 Resp: 816335

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.8	112.2
116	4.5	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

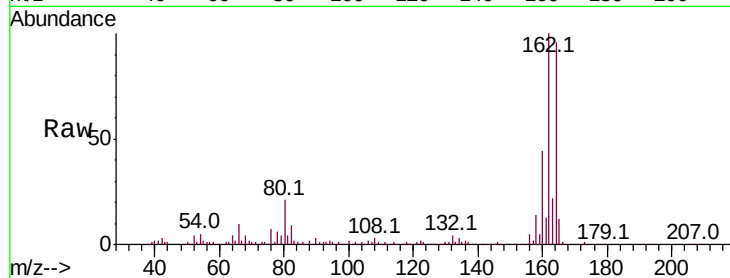
Tot Ion:164 Resp: 233503

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.2

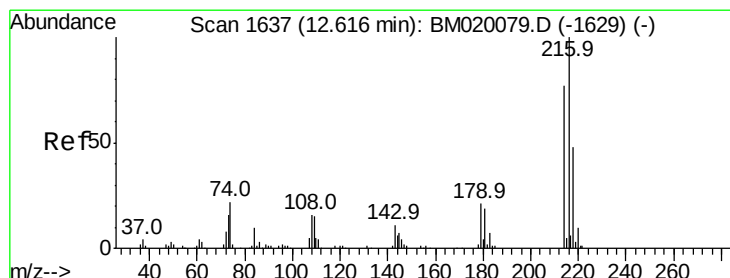
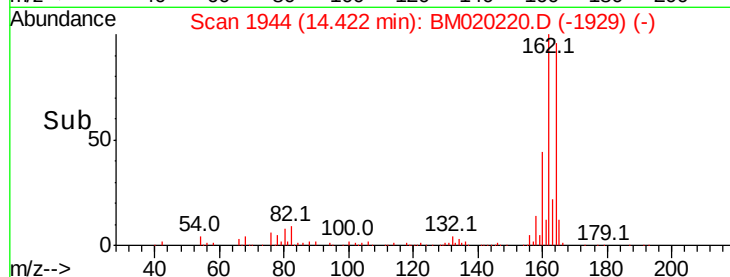
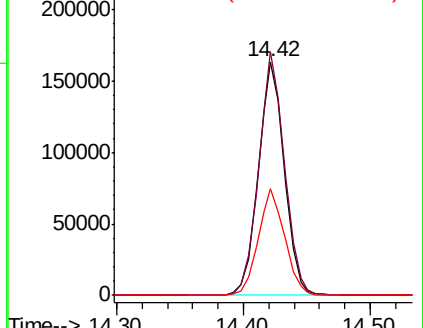
160 45.7 37.6 56.4



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: 58.464 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Tgt Ion:216 Resp: 534101

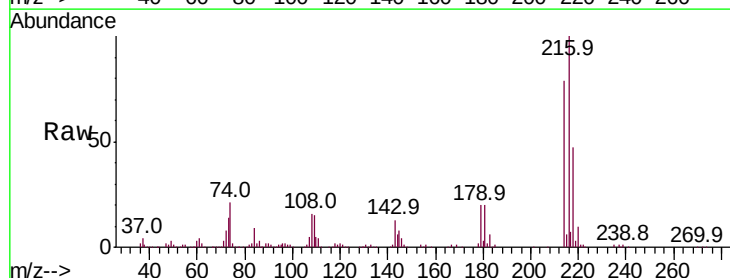
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.3 17.1 25.7

108 19.8 15.8 23.6

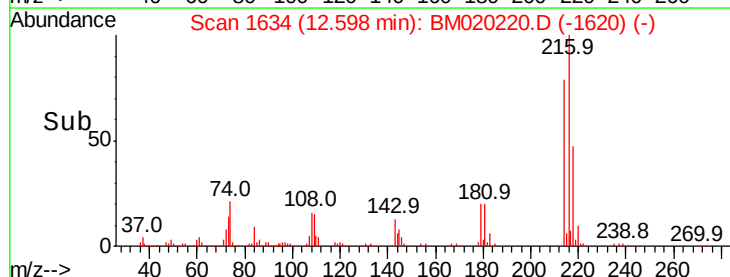
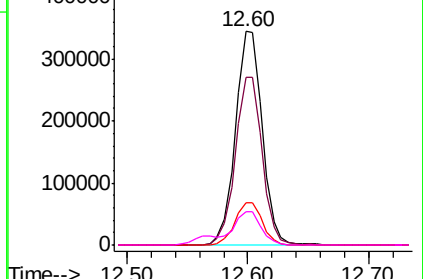


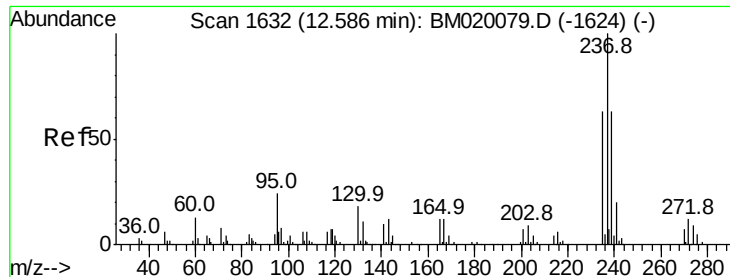
Abundance Ion 216.00 (215.70 to 216.70): E

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: 121.645 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

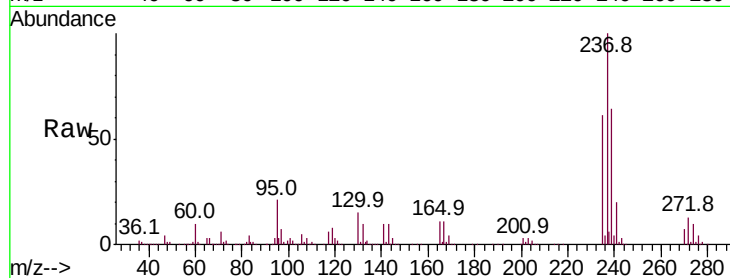
Tot Ion:237 Resp: 654332

Ion Ratio Lower Upper

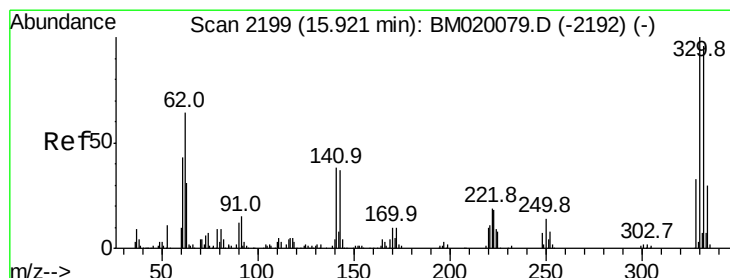
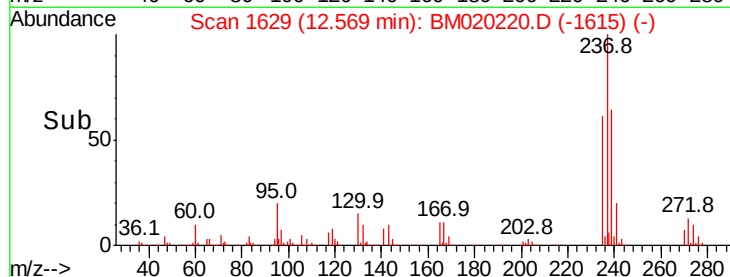
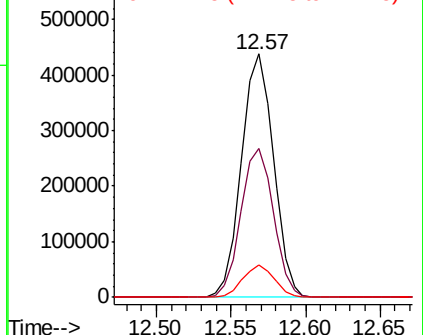
237 100

235 61.3 43.4 83.4

272 13.3 0.0 31.7



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: 191.699 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

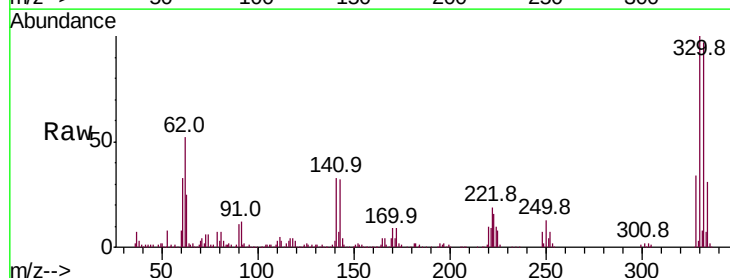
Tgt Ion:330 Resp: 694794

Ion Ratio Lower Upper

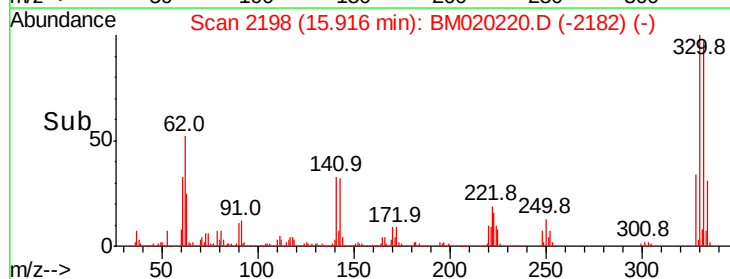
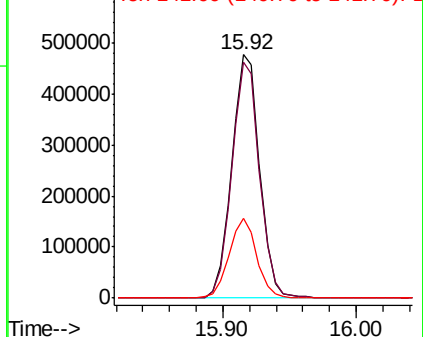
330 100

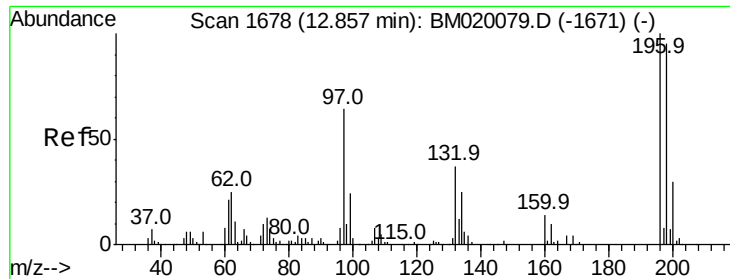
332 96.2 76.8 115.2

141 32.0 29.2 43.8



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

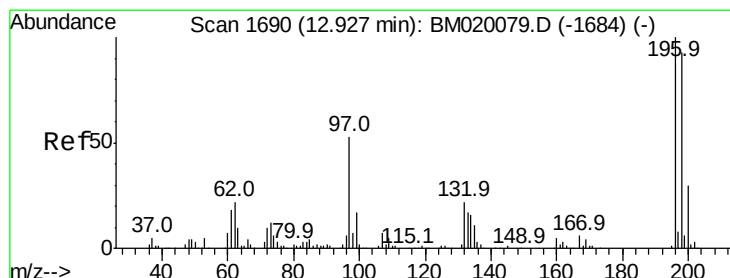
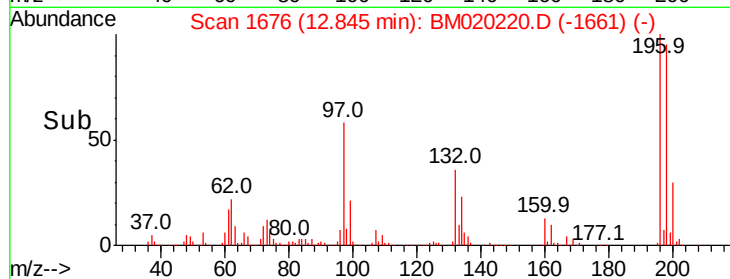
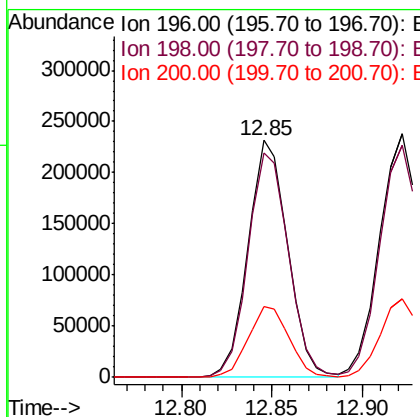
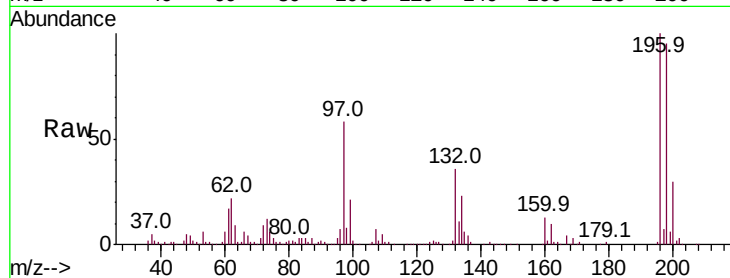




#43
 2,4,6-Trichlorophenol
 Concen: 67.866 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

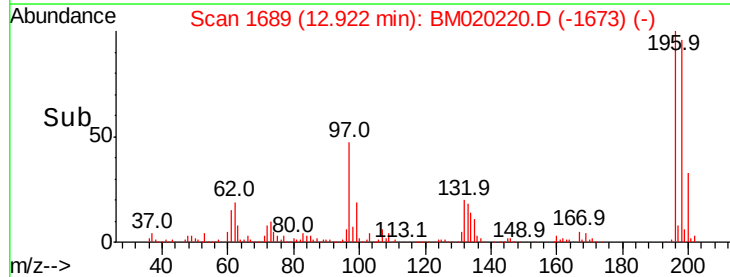
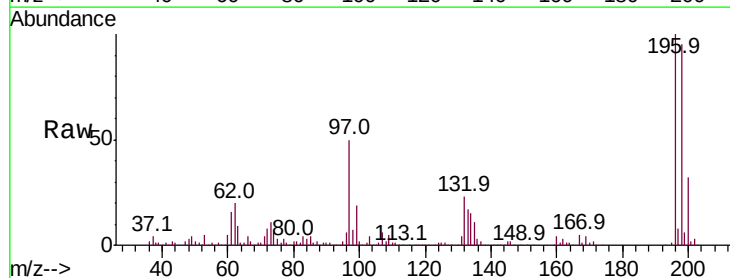
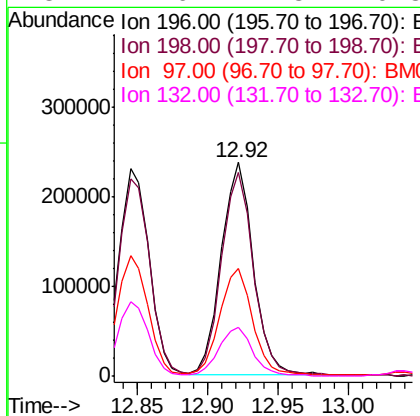
Instrument :
 BNA_M
 ClientSampleId :

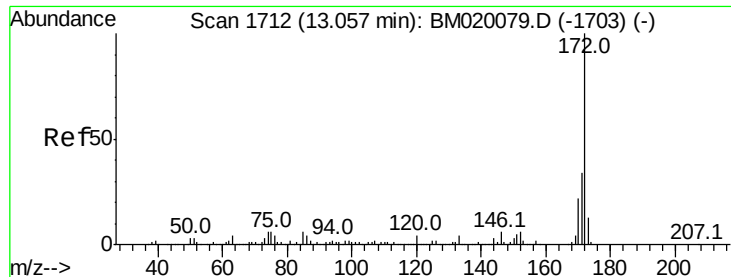
Tot Ion	196	Resp	352356
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.2	114.2
200	29.7	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 64.057 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion	196	Resp	371542
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.7	112.1
97	50.1	42.2	63.4
132	22.6	17.8	26.8

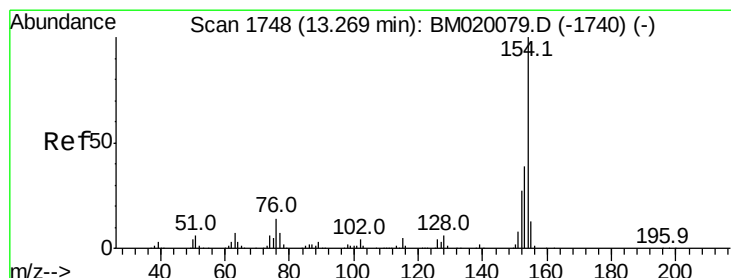
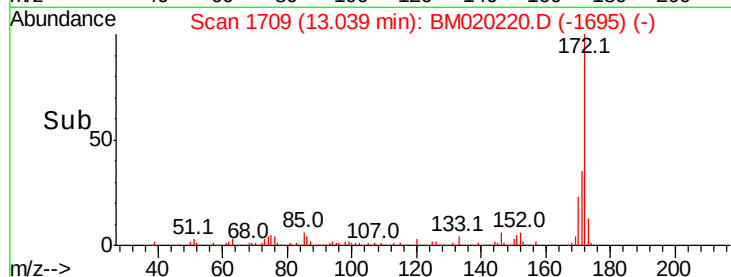
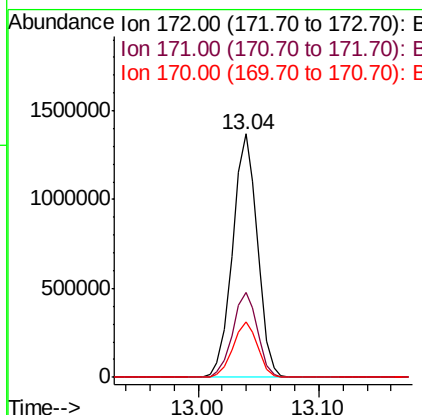
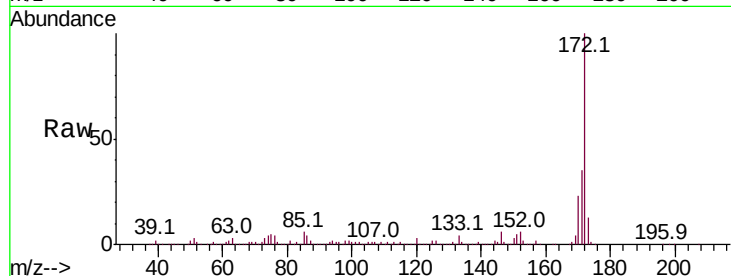




#45
2-Fluorobiphenyl
Concen: 103.269 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

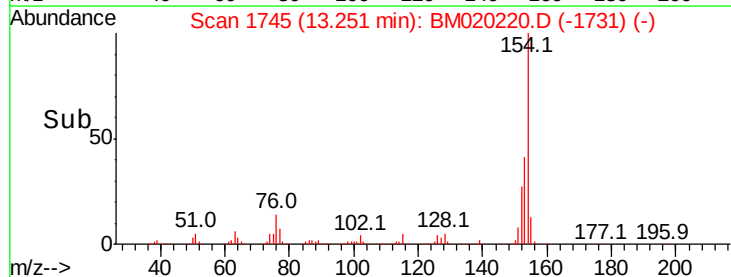
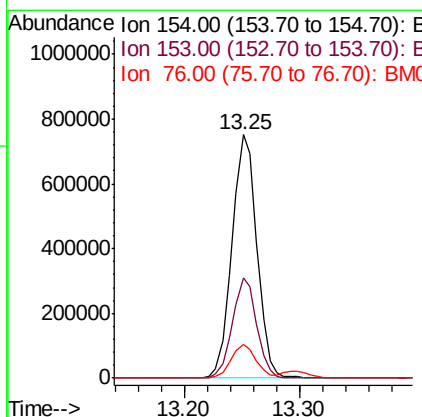
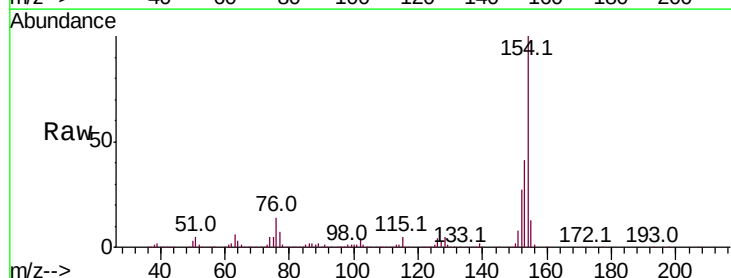
Instrument :
BNA_M
ClientSampleId :

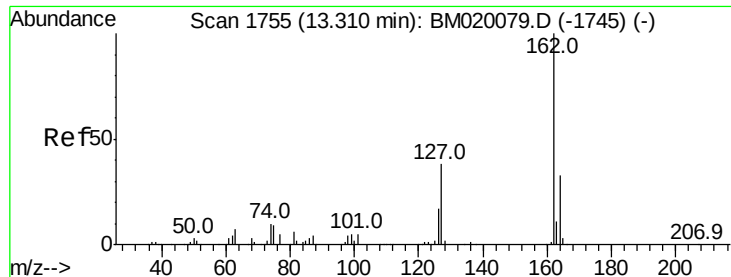
Tot Ion:172 Resp: 1959870
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 22.7 17.9 26.9



#46
1,1'-Biphenyl
Concen: 58.320 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:154 Resp: 1120890
Ion Ratio Lower Upper
154 100
153 40.9 19.4 59.4
76 14.1 0.0 34.5

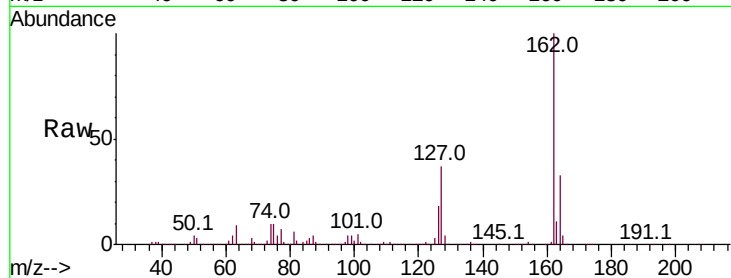




#47
 2-Chloronaphthalene
 Concen: 58.409 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.4
164	32.9	26.2	39.2

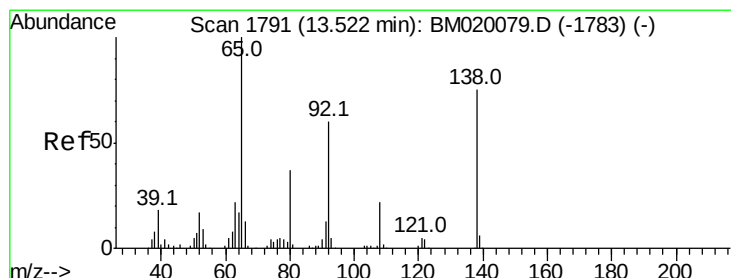
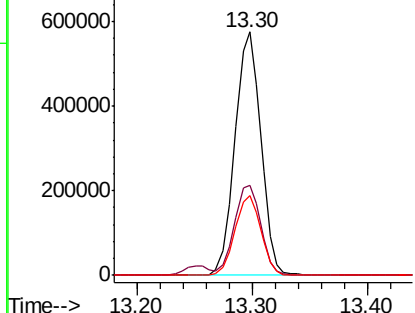
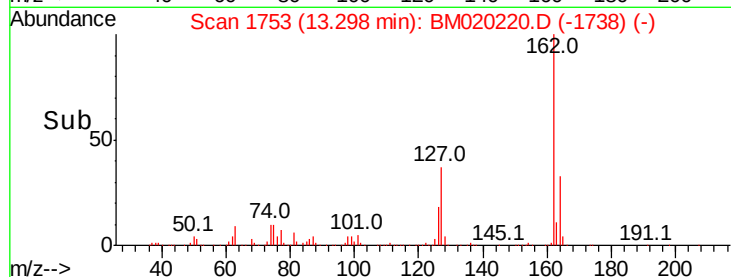


Abundance

Ion 162.00 (161.70 to 162.70): E

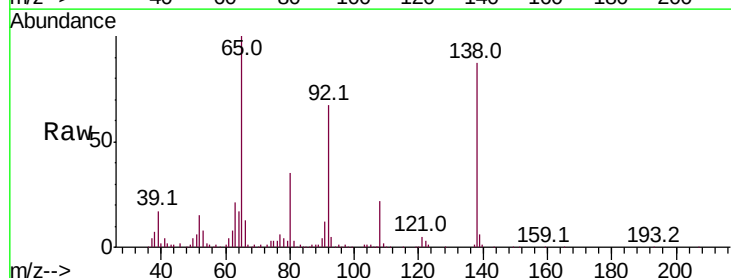
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 57.376 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	48.2	72.4
138	86.8	60.3	90.5

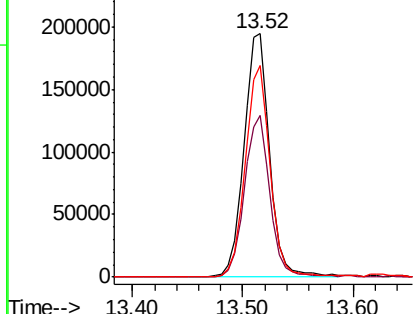
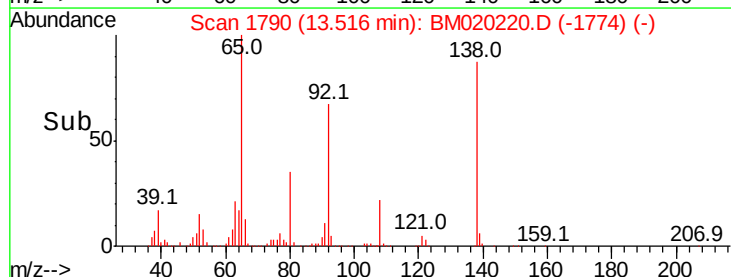


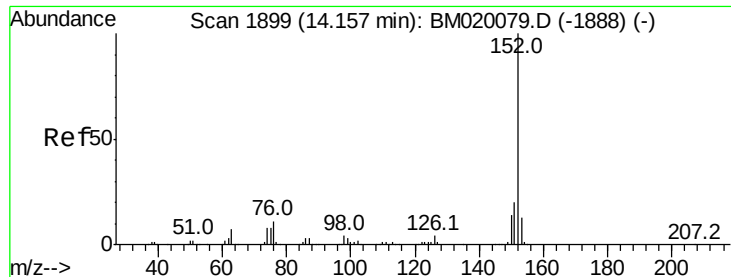
Abundance

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: 57.179 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

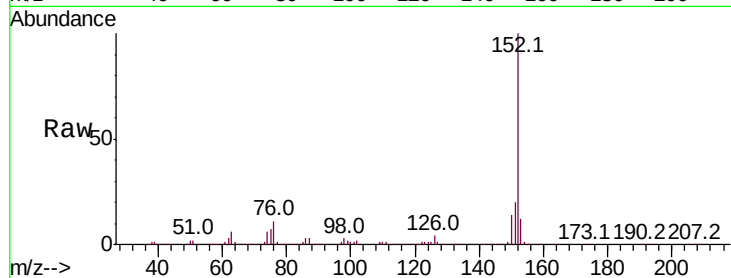
Tot Ion:152 Resp: 1404236

Ion Ratio Lower Upper

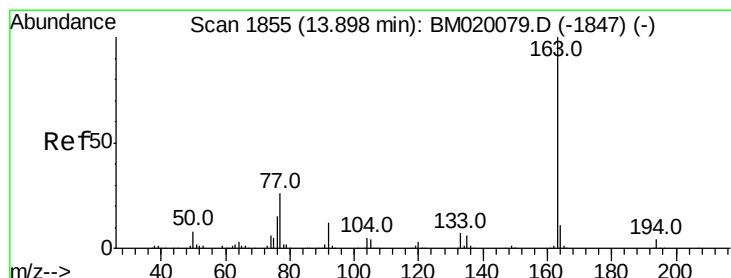
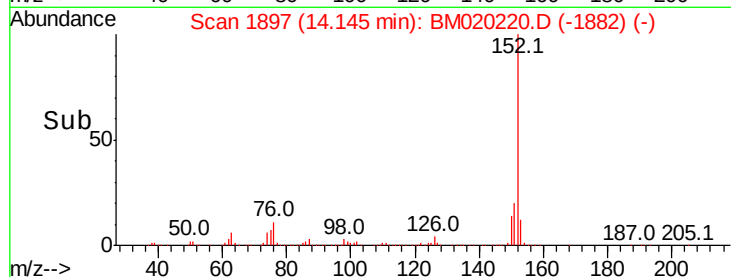
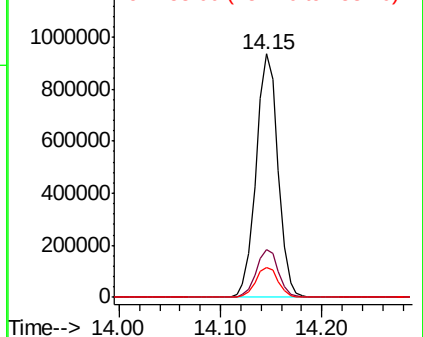
152 100

151 19.7 16.2 24.2

153 12.4 10.6 16.0



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: 68.141 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

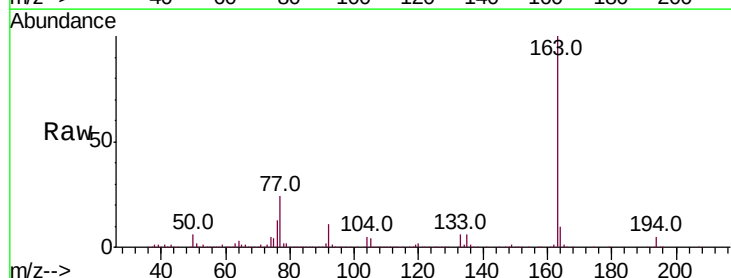
Tgt Ion:163 Resp: 1352312

Ion Ratio Lower Upper

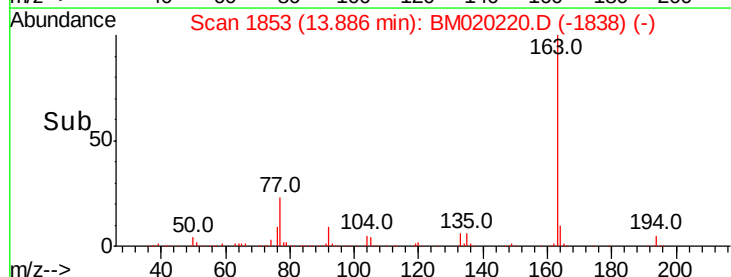
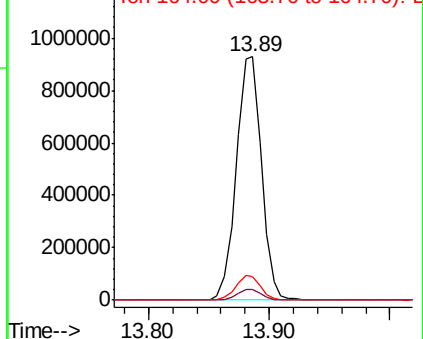
163 100

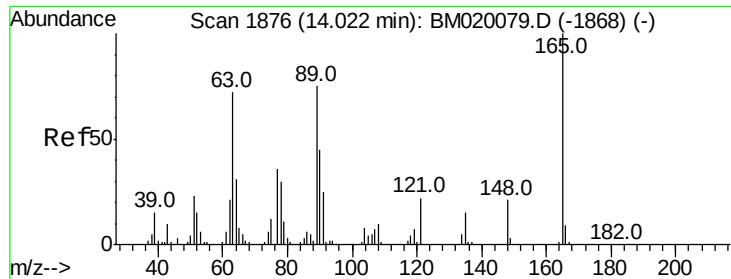
194 4.5 3.6 5.4

164 9.9 8.4 12.6



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: 60.178 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

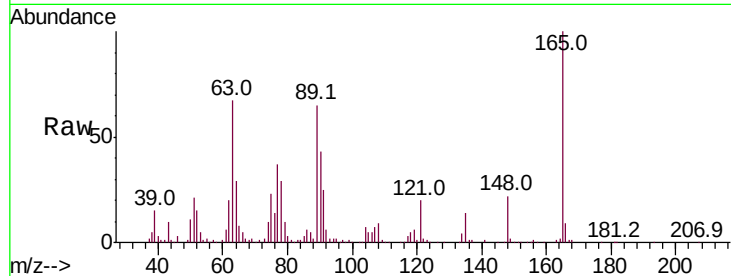
Tot Ion:165 Resp: 251543

Ion Ratio Lower Upper

165 100

63 67.1 60.3 90.5

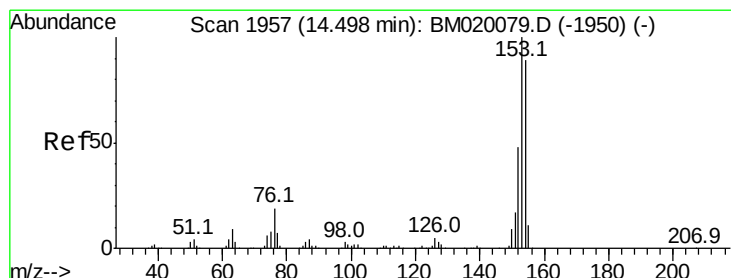
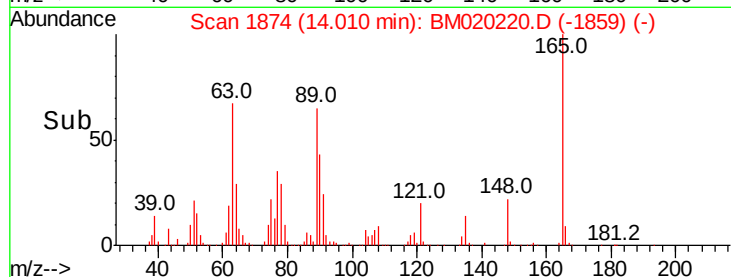
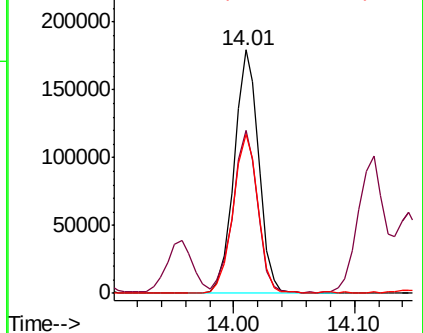
89 65.3 59.8 89.6



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: 60.121 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

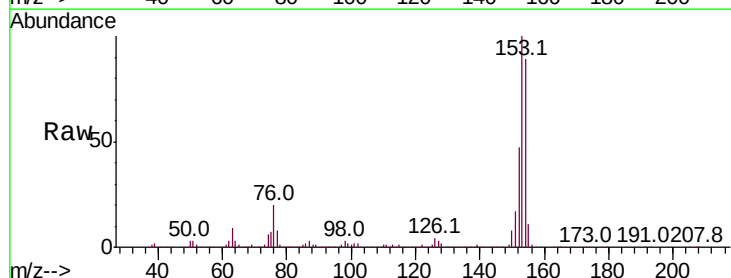
Tgt Ion:154 Resp: 846693

Ion Ratio Lower Upper

154 100

153 112.2 90.2 135.2

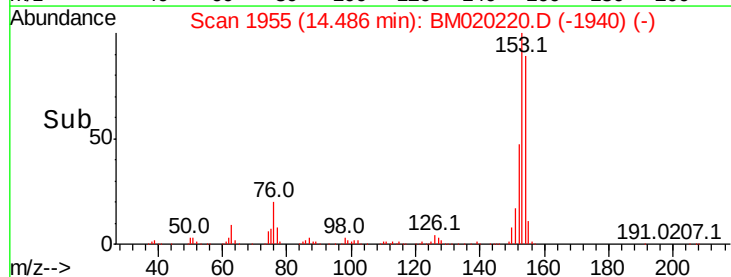
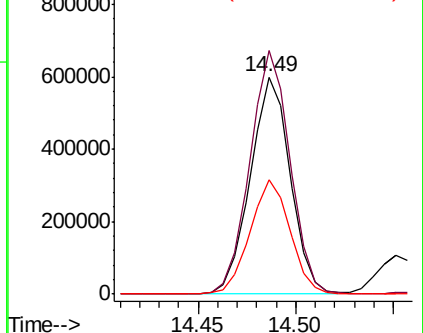
152 52.7 43.0 64.4

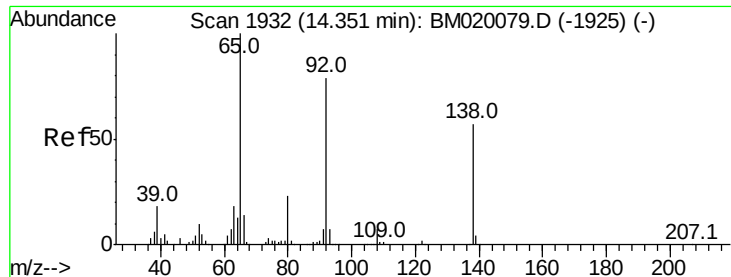


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.634 ng

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

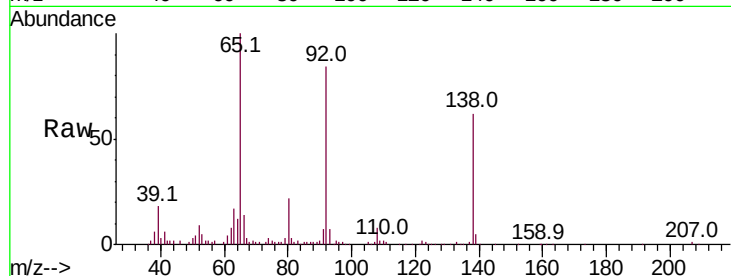
Tot Ion:138 Resp: 130485

Ion Ratio Lower Upper

138 100

108 12.6 10.4 15.6

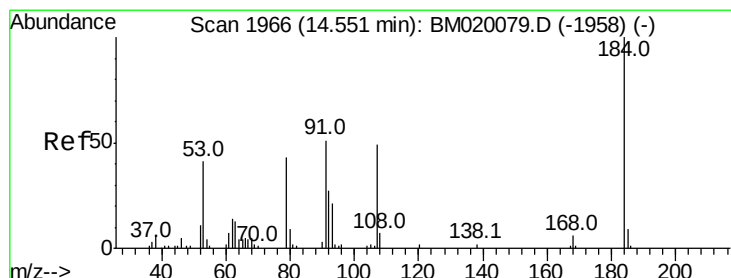
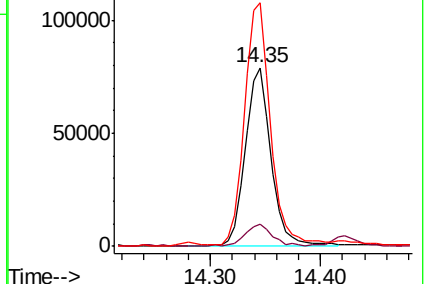
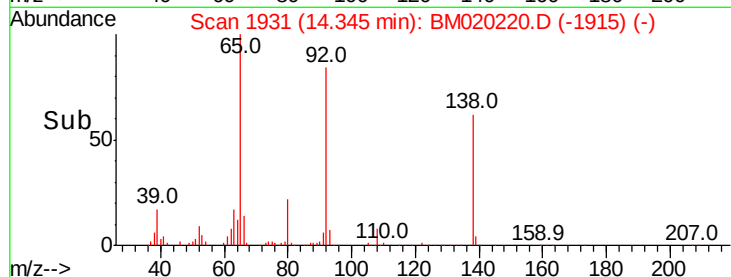
92 136.5 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 110.524 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

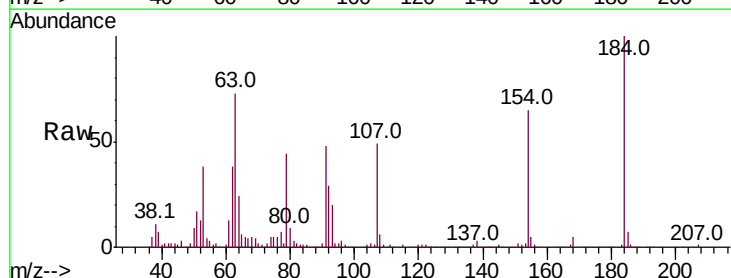
Tgt Ion:184 Resp: 238977

Ion Ratio Lower Upper

184 100

63 73.4 68.9 103.3

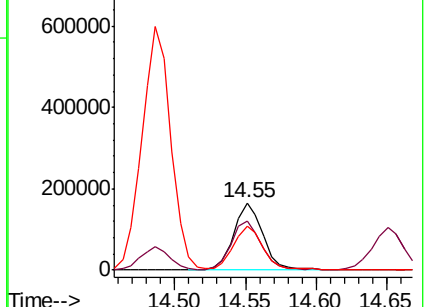
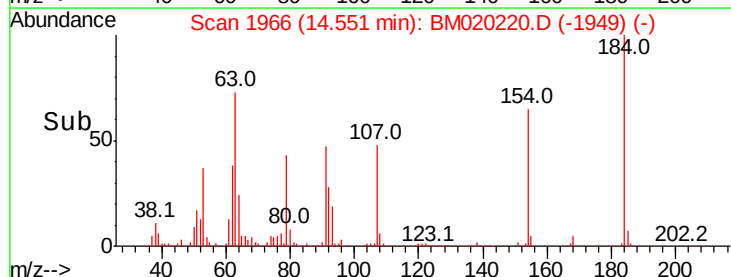
154 65.4 54.4 81.6

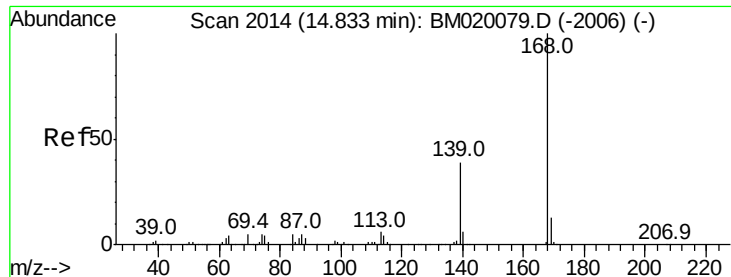


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

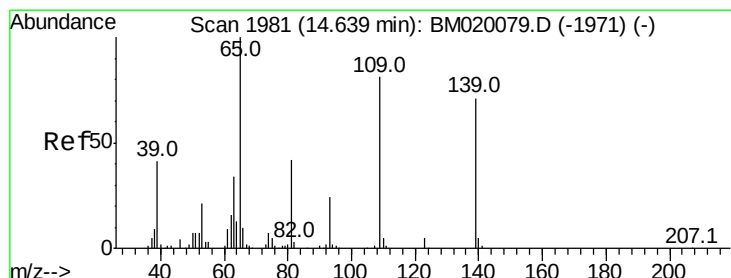
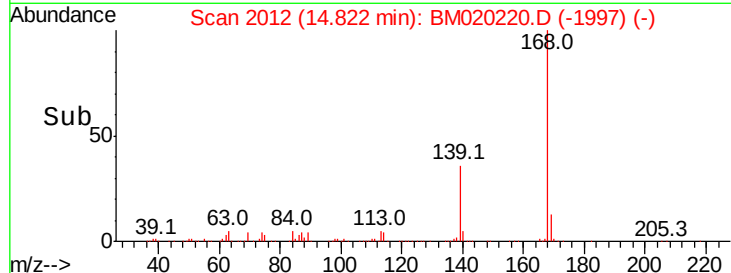
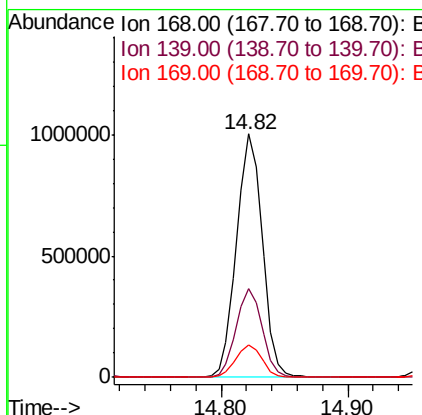
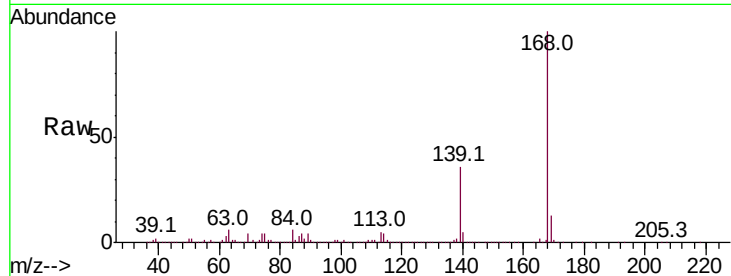




#55
Dibenzofuran
Concen: 59.486 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

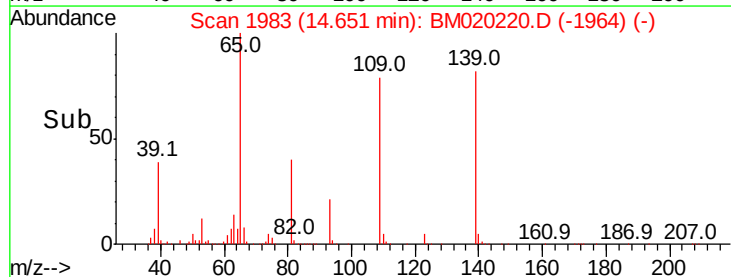
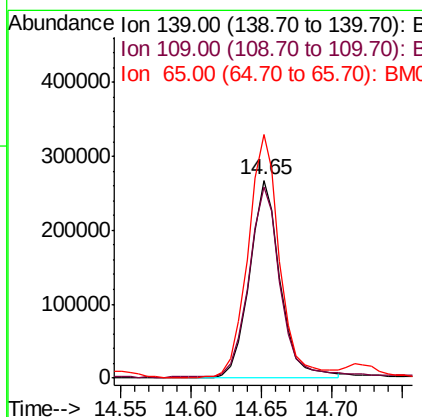
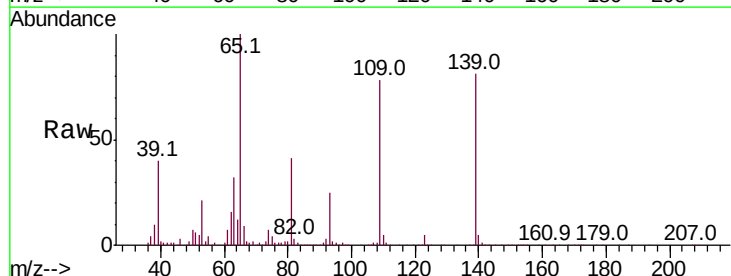
Instrument :
BNA_M
ClientSampled :

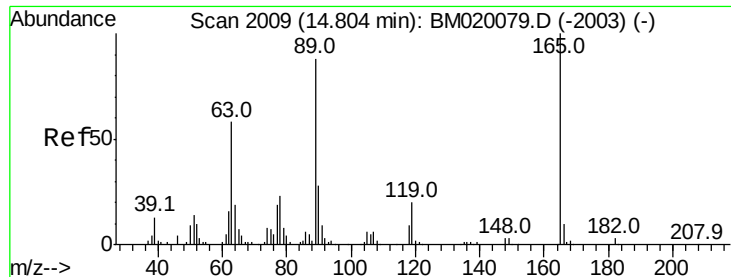
Tot Ion:168 Resp: 1413085
Ion Ratio Lower Upper
168 100
139 36.4 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 123.312 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:139 Resp: 408168
Ion Ratio Lower Upper
139 100
109 96.4 94.1 134.1
65 123.2 120.9 160.9

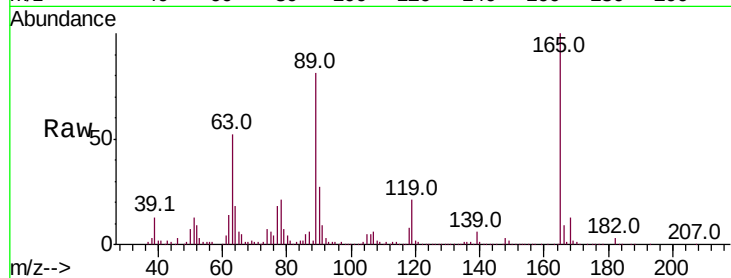




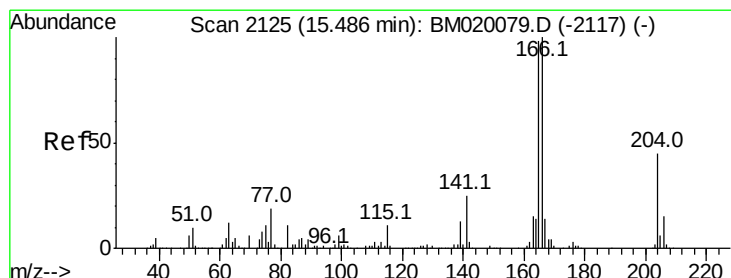
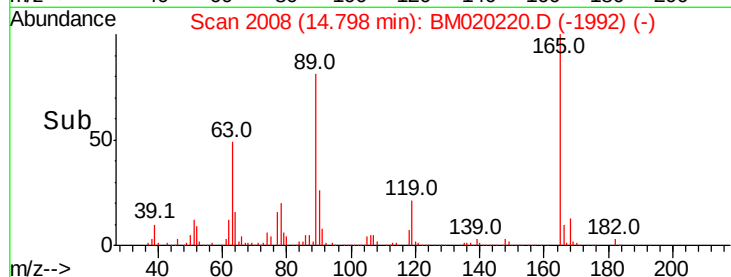
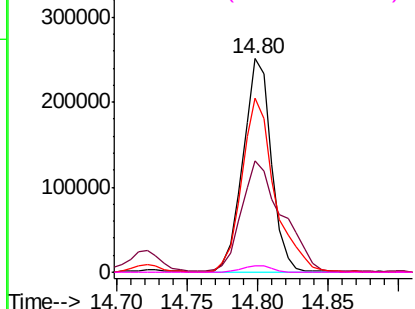
#57
 2,4-Dinitrotoluene
 Concen: 61.706 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 350478
 Ion Ratio Lower Upper
 165 100
 63 52.4 46.2 69.2
 89 81.3 70.6 105.8
 182 2.9 2.2 3.2

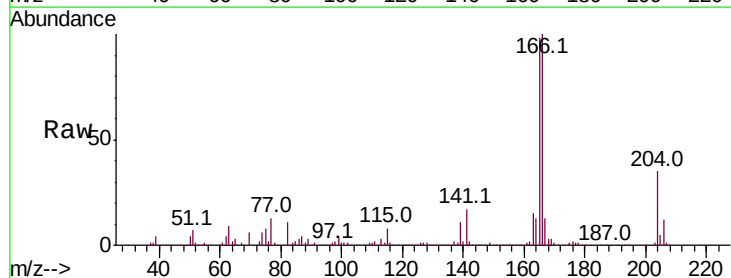


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

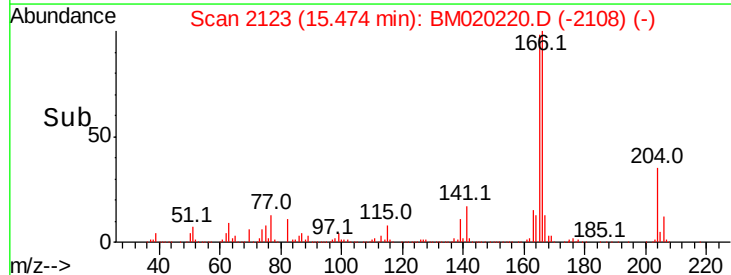
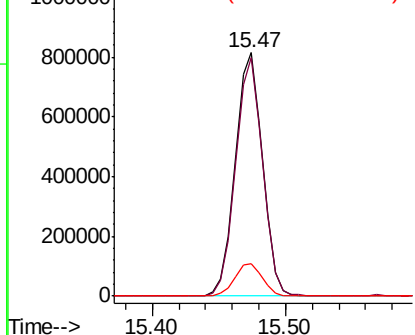


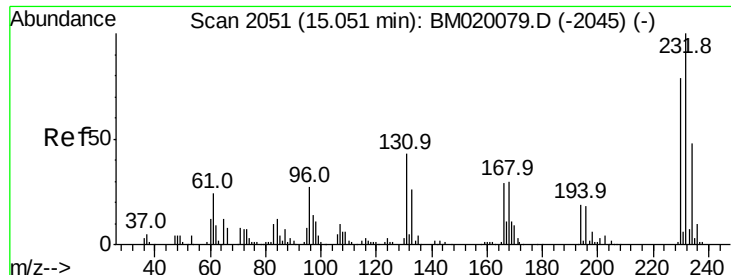
#58
 Fluorene
 Concen: 59.442 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion:166 Resp: 1159687
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.2 117.2
 167 13.2 11.0 16.4



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

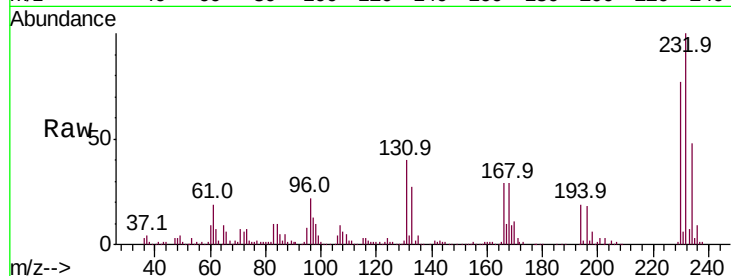




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 65.442 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	34.2	51.4
130	2.6	2.0	3.0
166	28.6	23.8	35.8



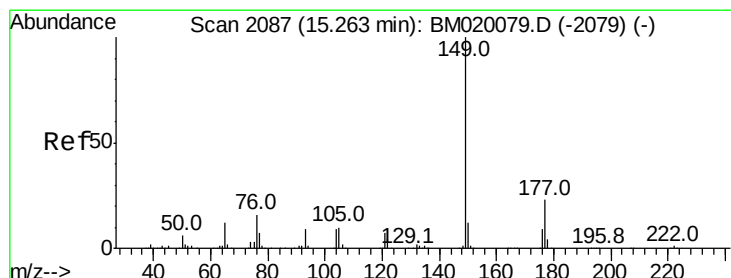
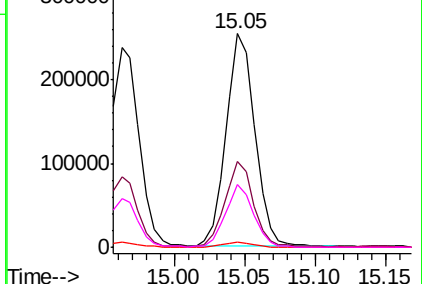
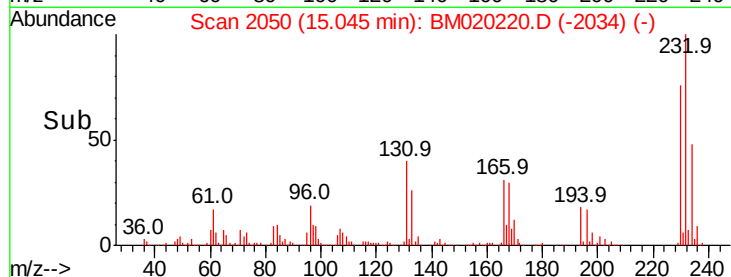
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

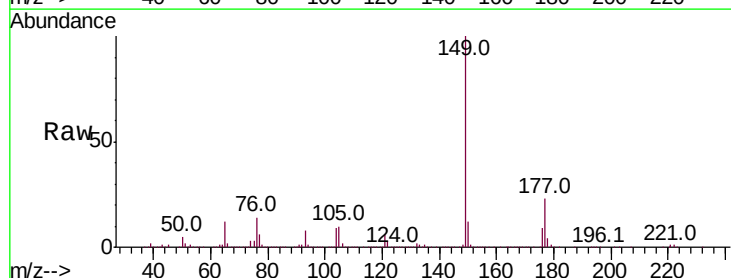
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 56.848 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.4
150	12.2	9.9	14.9

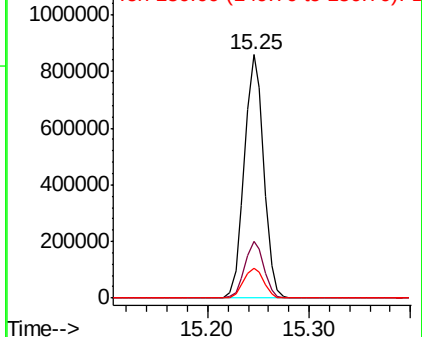
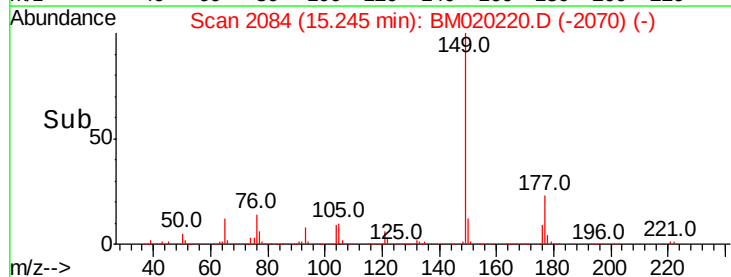


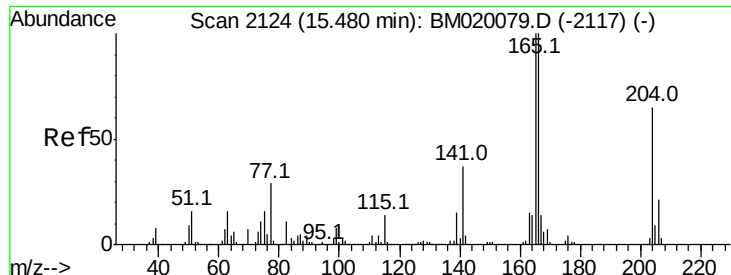
Abundance

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

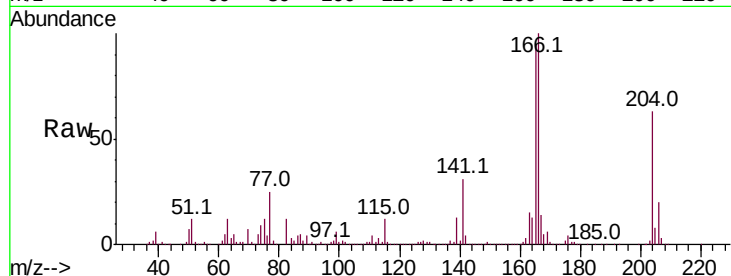




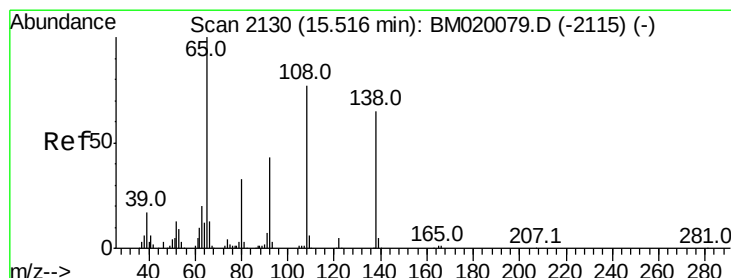
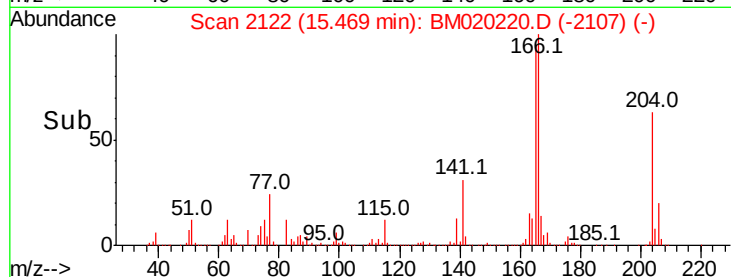
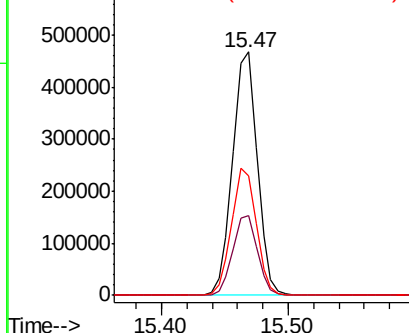
#61
4-Chlorophenyl-phenylether
Concen: 56.859 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 628527
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 48.9 46.1 69.1

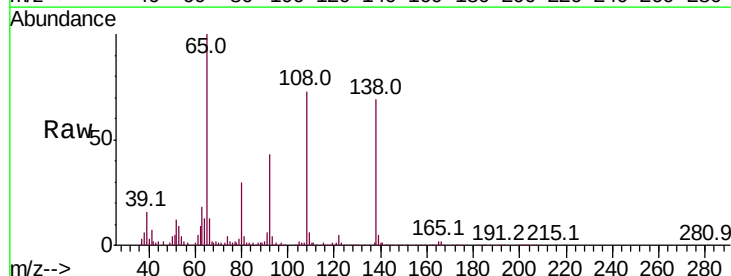


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

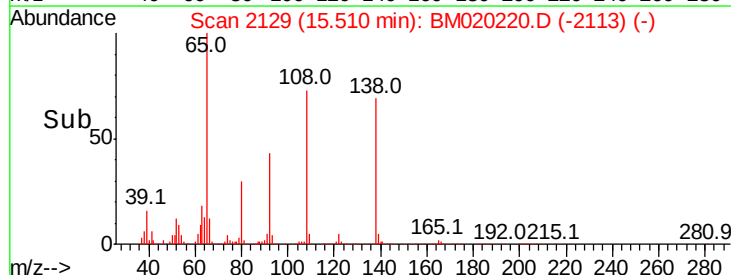
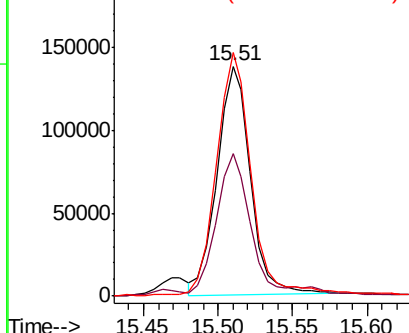


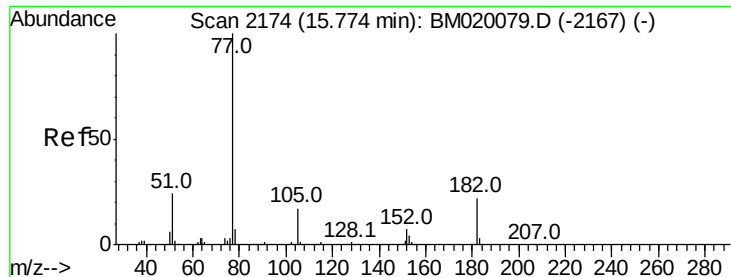
#62
4-Nitroaniline
Concen: 50.115 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:138 Resp: 214561
Ion Ratio Lower Upper
138 100
92 62.2 45.9 85.9
108 105.9 97.7 137.7



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: 52.200 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1231296

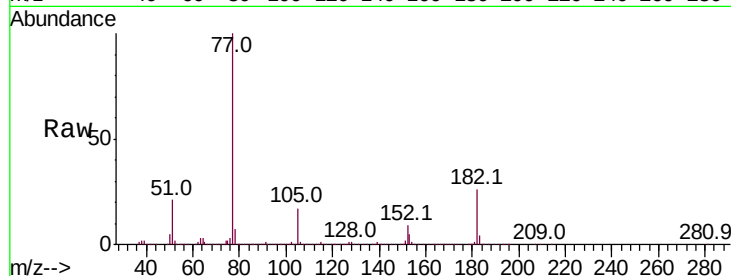
Ion Ratio Lower Upper

77 100

182 25.9 2.1 42.1

105 17.0 0.0 36.8

51 21.5 3.8 43.8

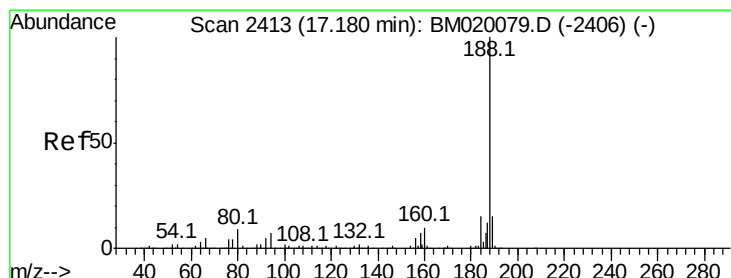
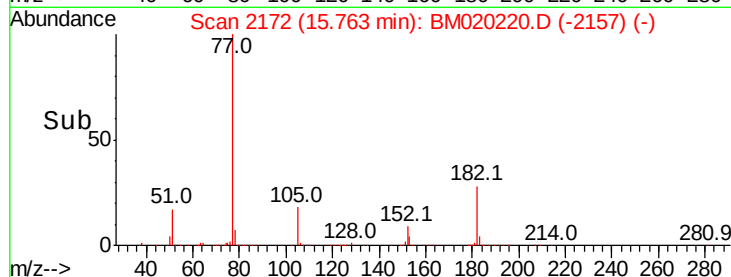
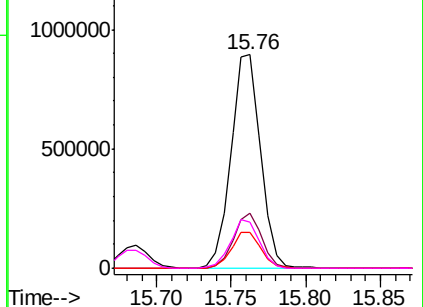


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

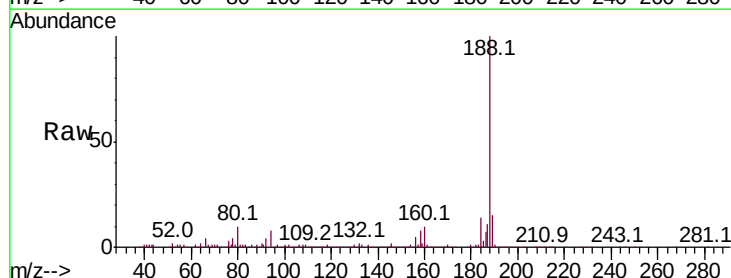
Tgt Ion: 188 Resp: 560184

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

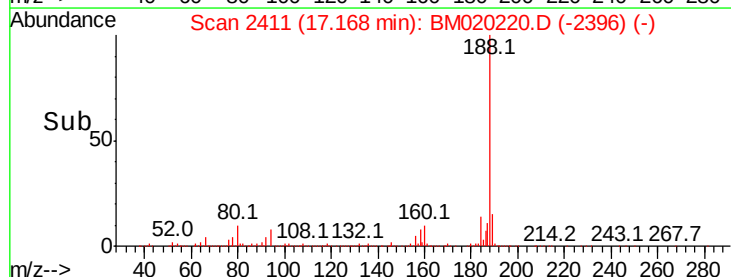
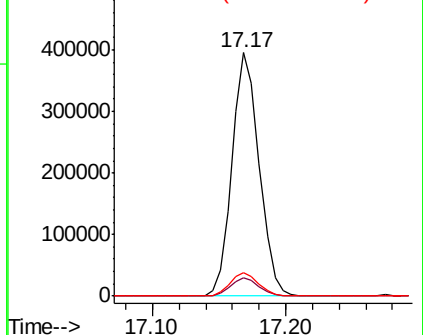
80 9.7 7.4 11.2

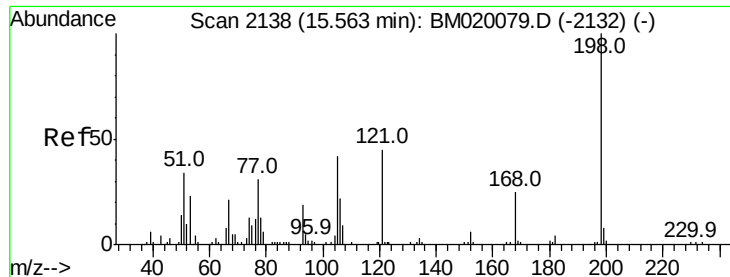


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

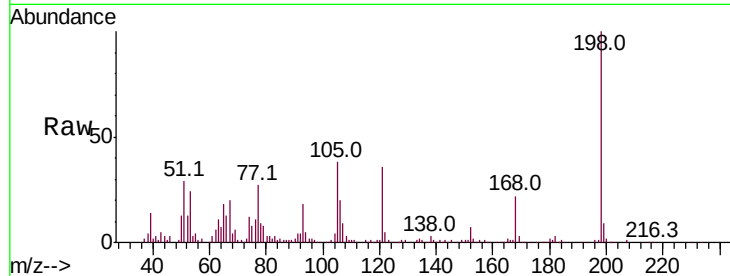




#65
4,6-Dinitro-2-methylphenol
Concen: 67.602 ng
RT: 15.56 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.3	16.5	56.5
105	37.5	22.8	62.8

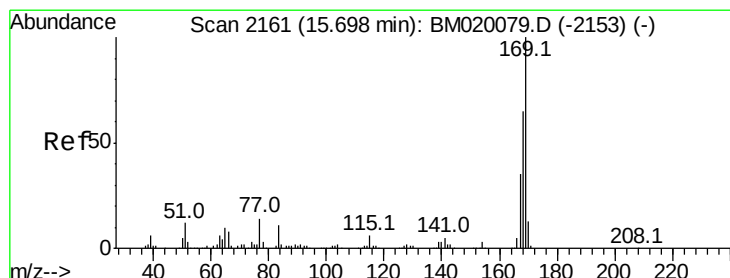
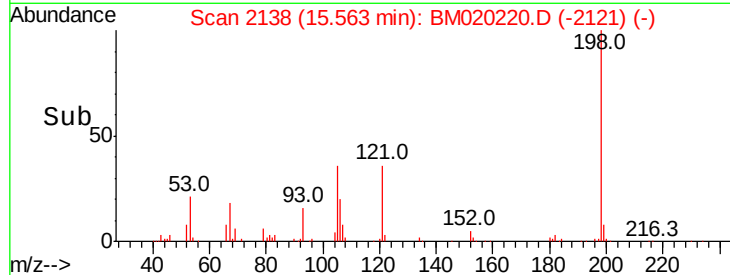
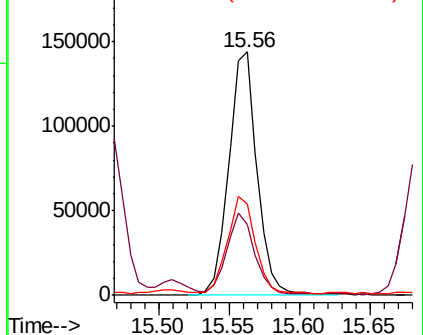


Abundance

Ion 198.00 (197.70 to 198.70): E

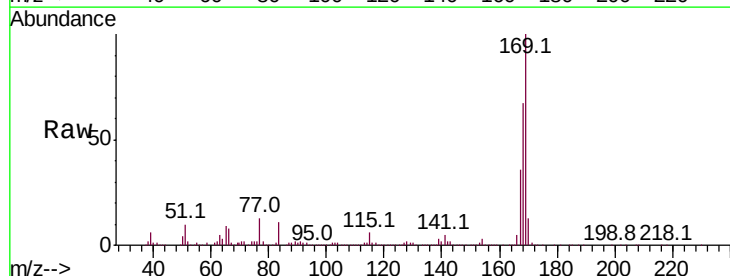
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 59.572 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.9	77.9
167	35.7	27.8	41.6

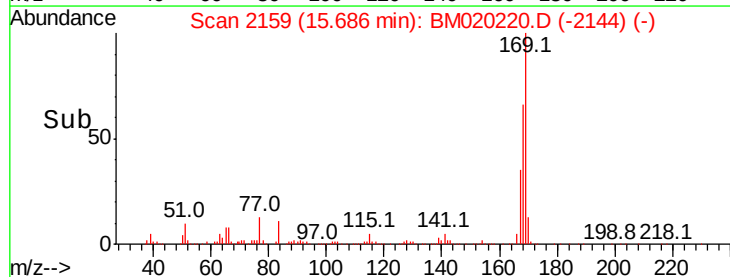
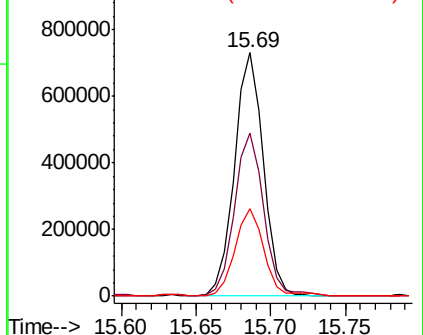


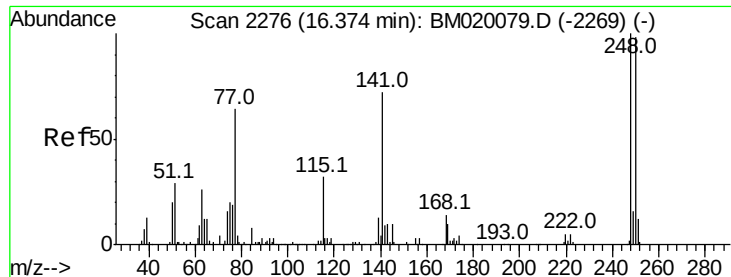
Abundance

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

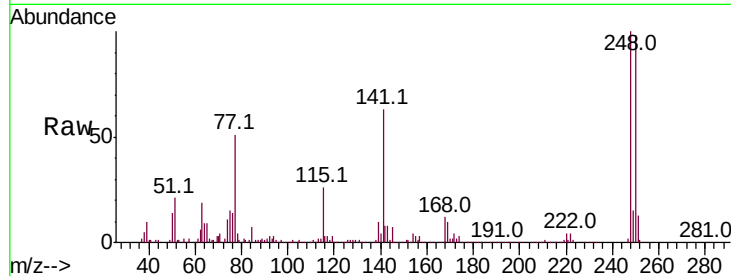




#67
 4-Bromophenyl-phenylether
 Concen: 57.795 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	62.6	57.4	86.2

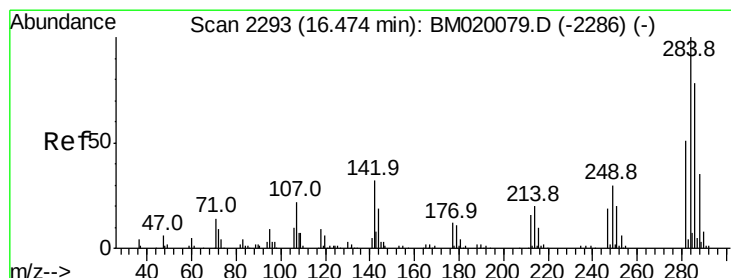
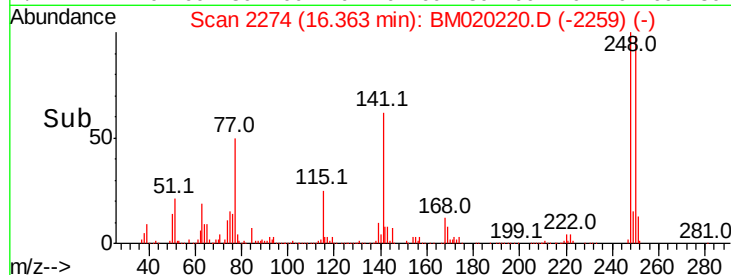
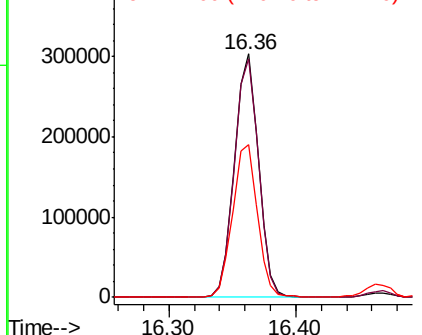


Abundance

Ion 248.00 (247.70 to 248.70): E

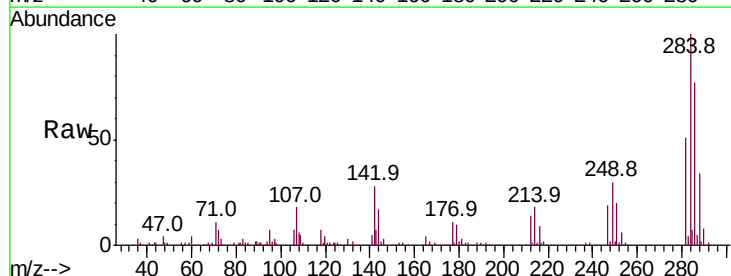
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 57.806 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	25.2	37.8
249	30.3	23.6	35.4

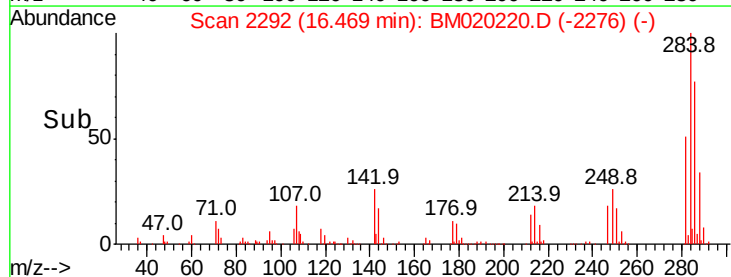
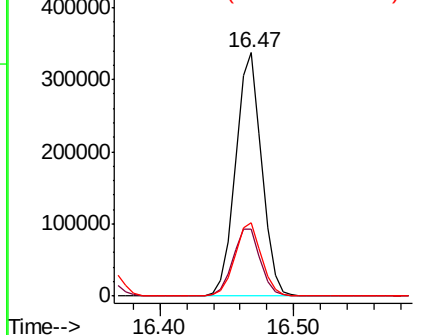


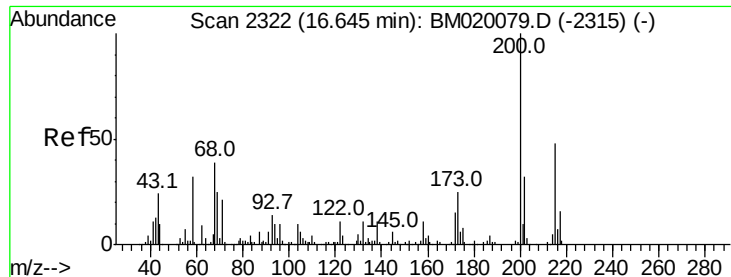
Abundance

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: 59.484 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

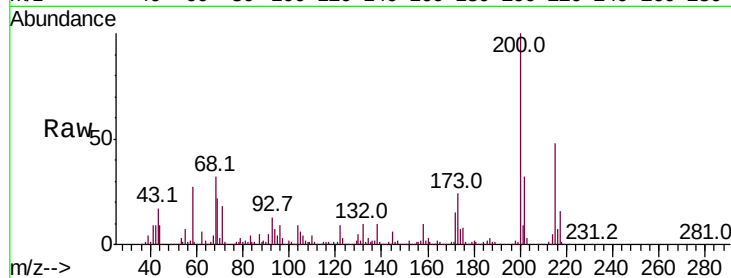
Tot Ion:200 Resp: 383181

Ion Ratio Lower Upper

200 100

173 24.2 4.6 44.6

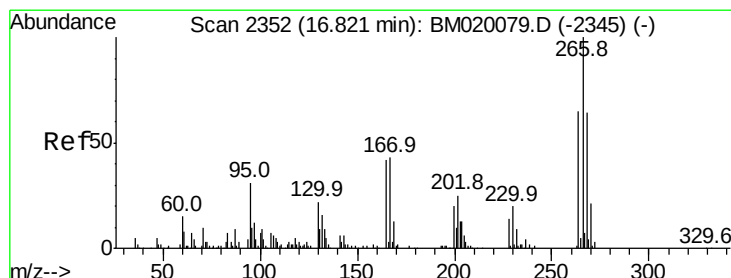
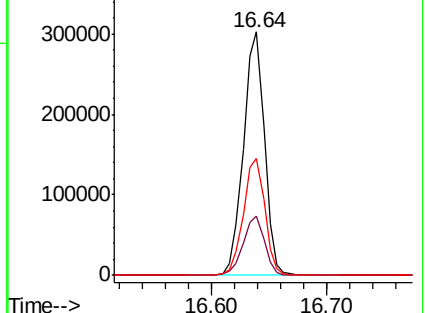
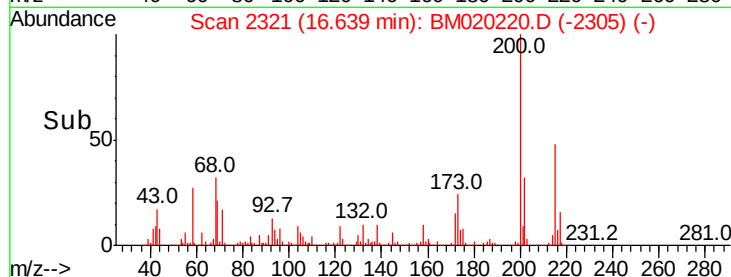
215 48.0 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 130.249 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

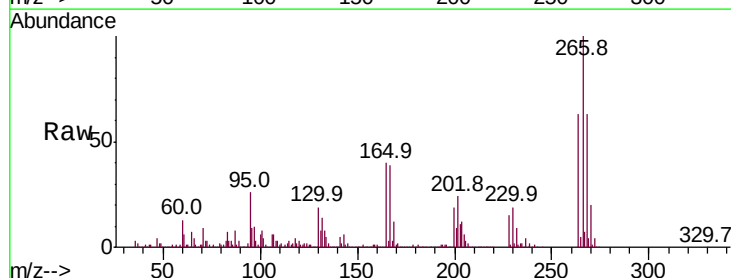
Tgt Ion:266 Resp: 589093

Ion Ratio Lower Upper

266 100

268 62.8 51.4 77.0

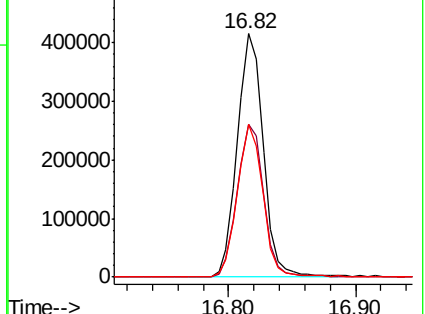
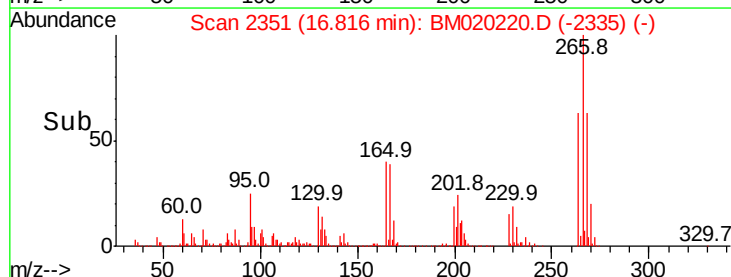
264 62.9 52.0 78.0

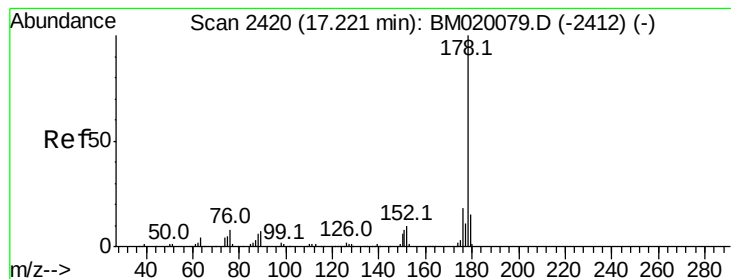


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 76.497 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

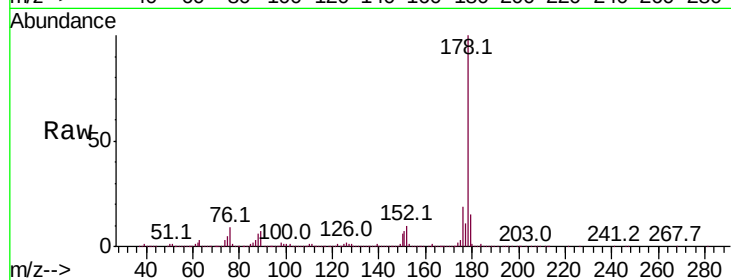
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 2365477

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.1	12.4	18.6

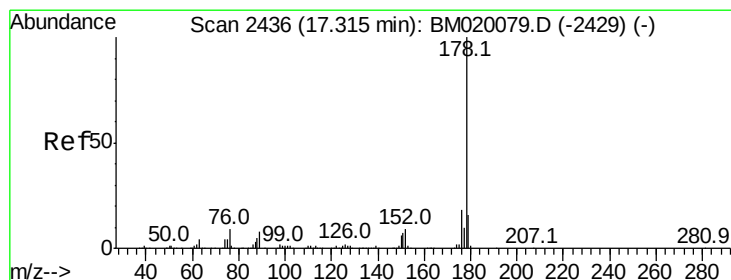
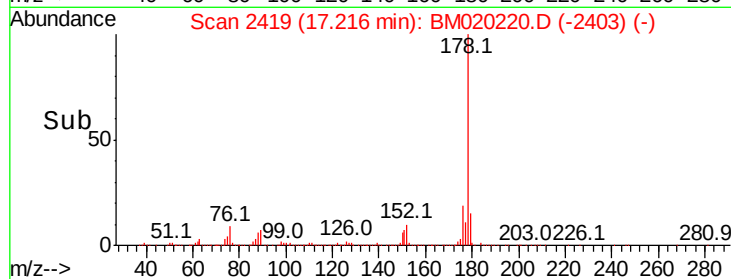
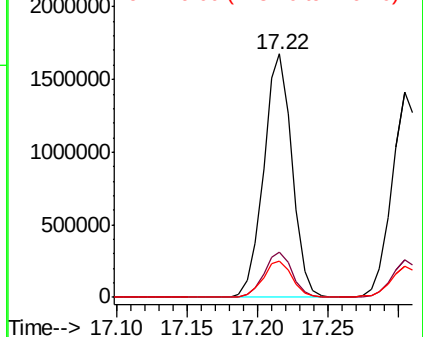


Abundance

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: 63.810 ng

RT: 17.30 min Scan# 2434

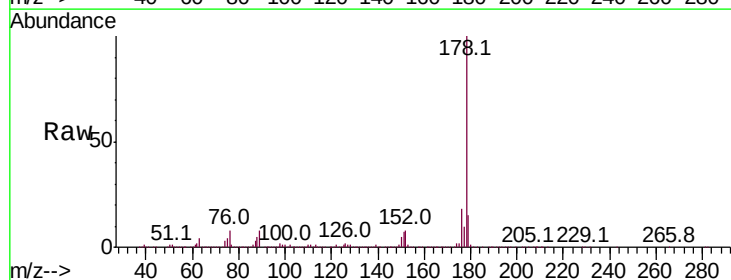
Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Tgt Ion:178 Resp: 1972822

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.0	12.4	18.6

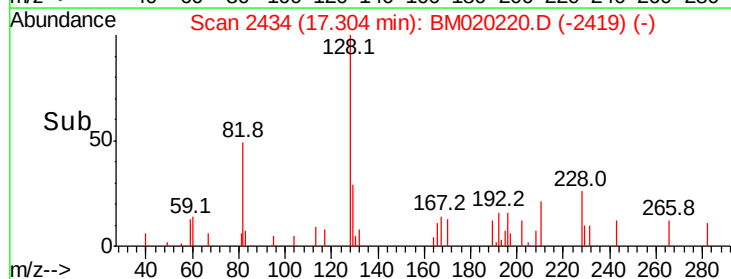
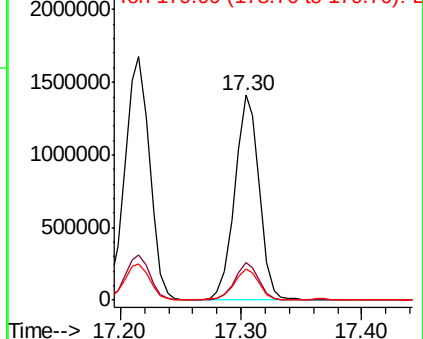


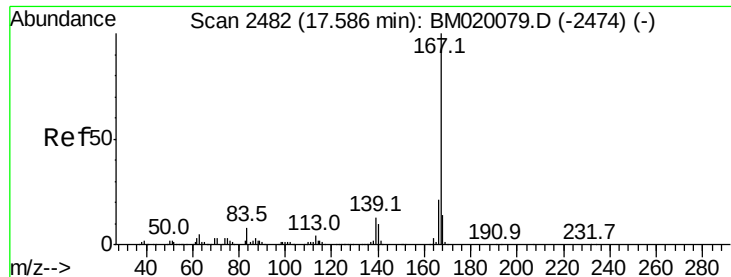
Abundance

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



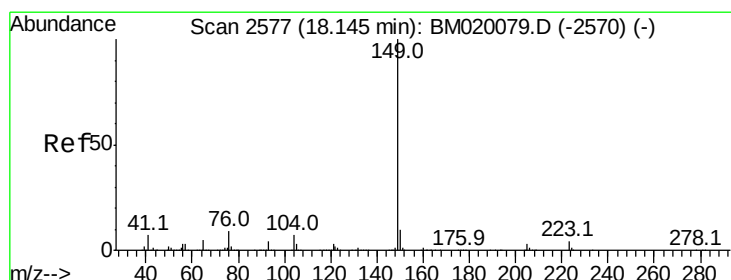
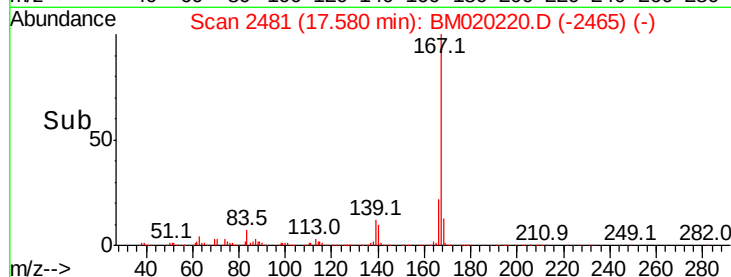
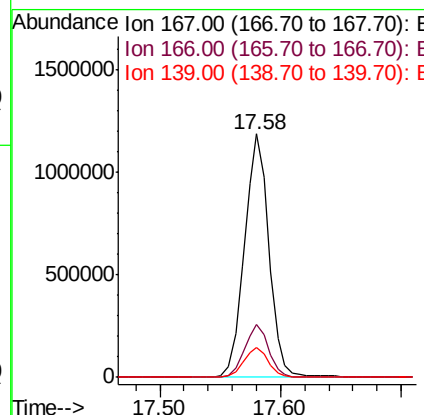
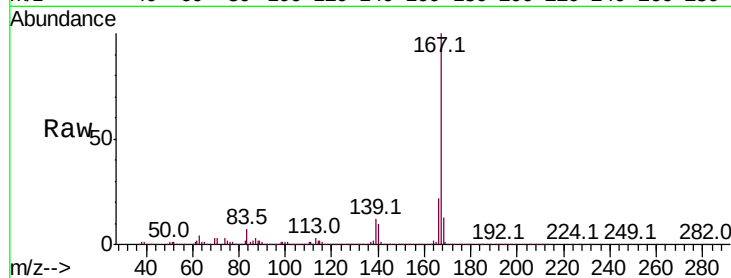


#73
 Carbazole
 Concen: 59.976 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1673145

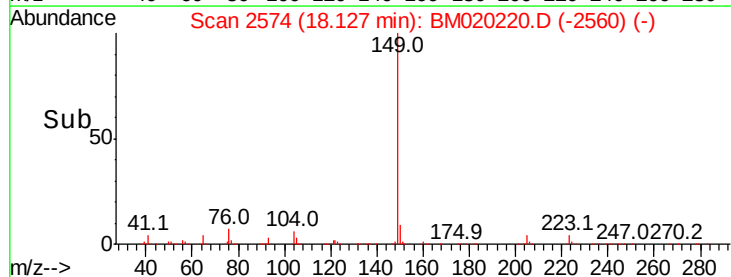
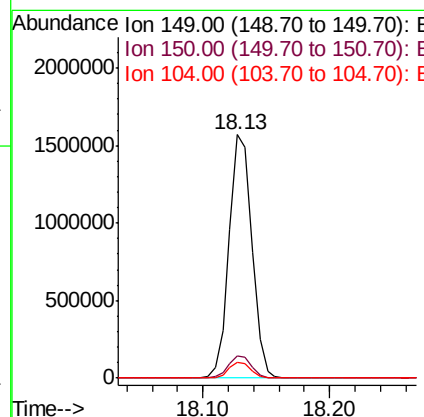
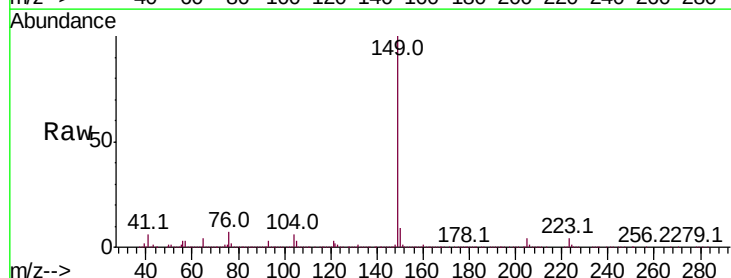
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.4	10.6	16.0

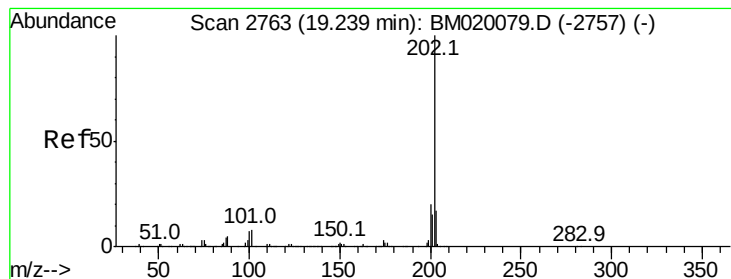


#74
 Di-n-butylphthalate
 Concen: 58.059 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion:149 Resp: 1949201

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.4	5.7	8.5

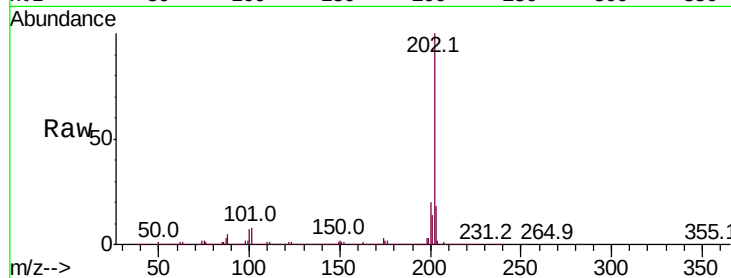




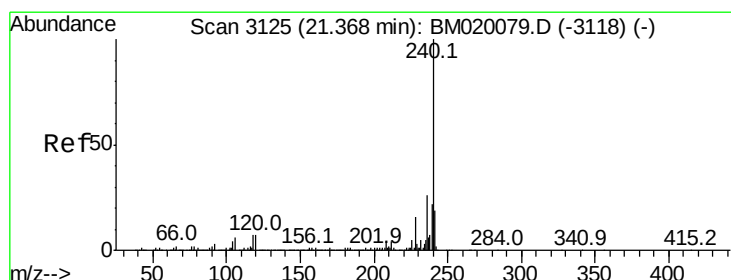
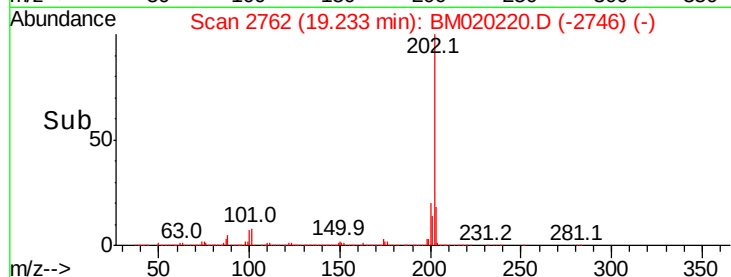
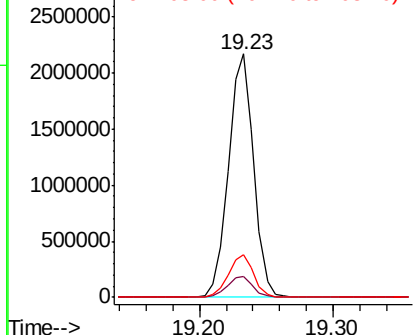
#75
 Fluoranthene
 Concen: 73.114 ng
 RT: 19.23 min Scan# 2762
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:202 Resp: 2860564
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 28.4
 203 17.6 0.0 37.4

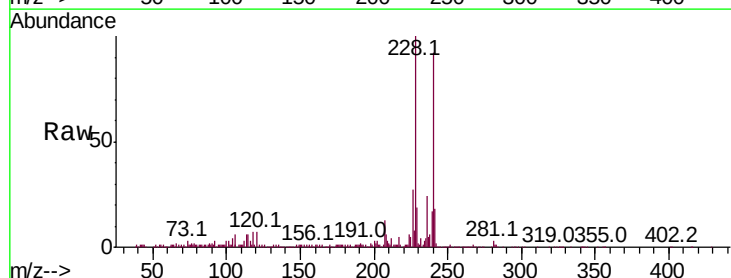


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

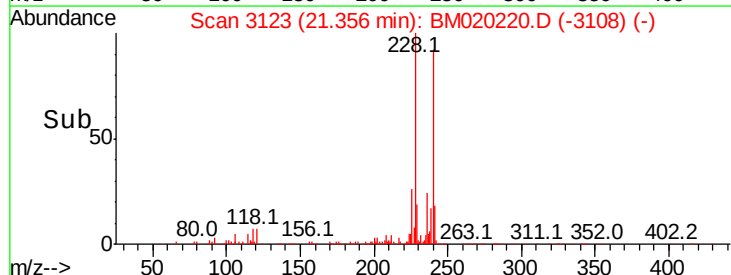
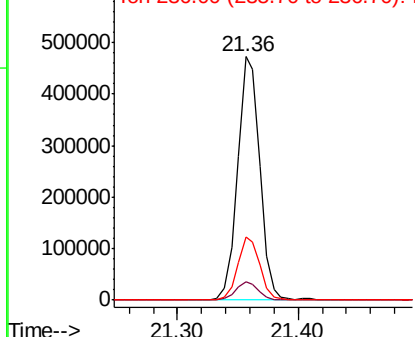


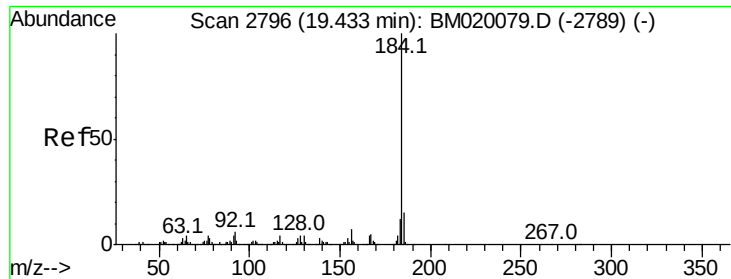
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.36 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM020220.D
 Acq: 09 May 2019 16:51

Tgt Ion:240 Resp: 605627
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.6 8.4
 236 26.2 20.9 31.3



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

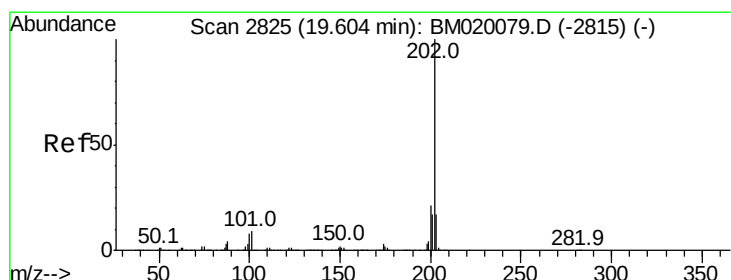
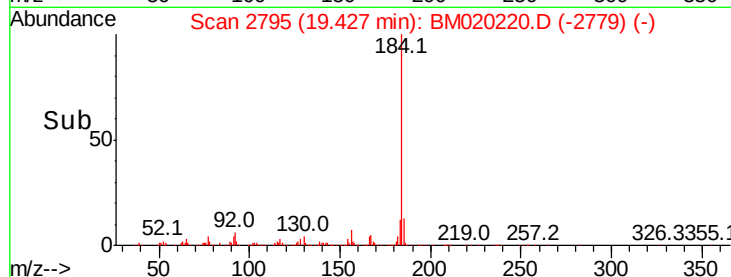
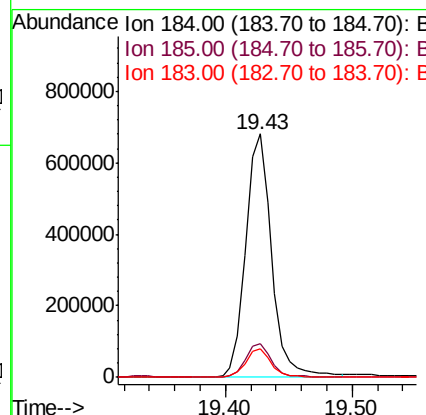
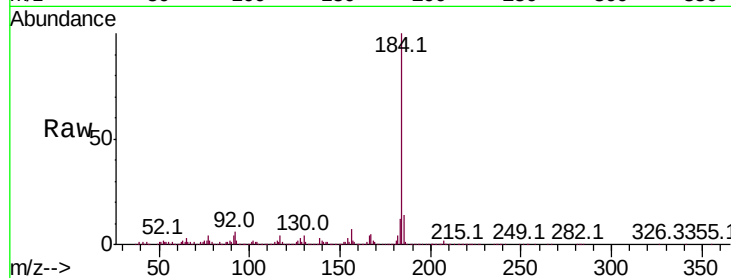




#77
Benzidine
Concen: 50.106 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

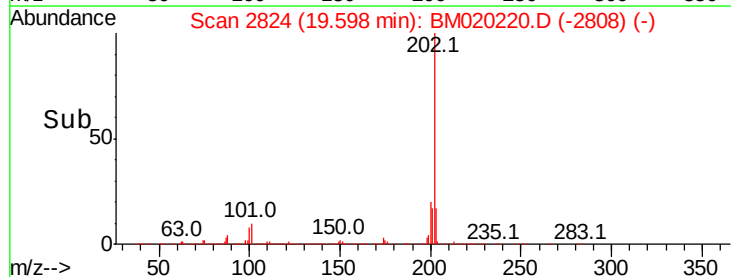
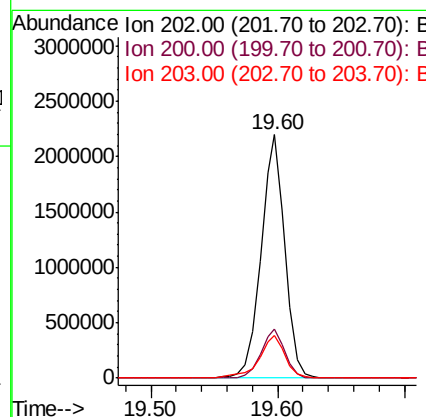
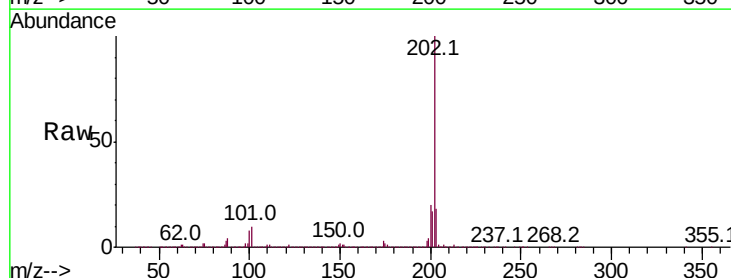
Instrument :
BNA_M
ClientSampleId :

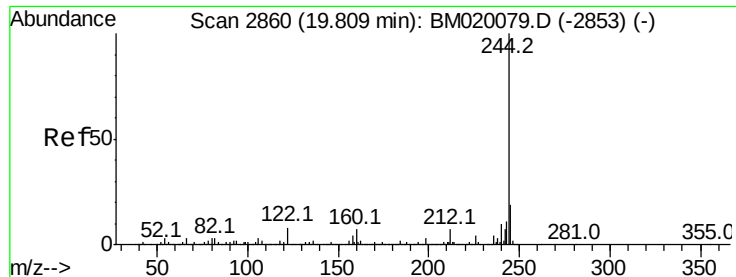
Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.0	18.0
183	11.8	9.5	14.3



#78
Pyrene
Concen: 70.231 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.5	24.7
203	17.6	13.9	20.9





#79

Terphenyl-d14

Concen: 100.009 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

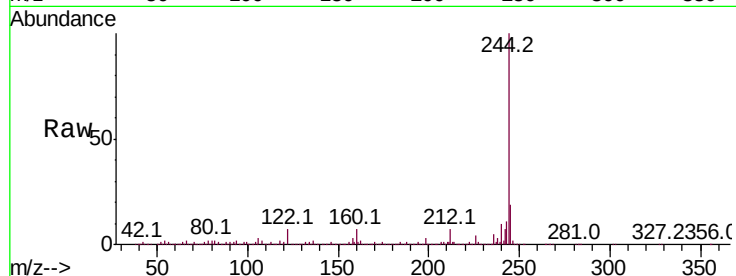
Tot Ion:244 Resp: 3472511

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

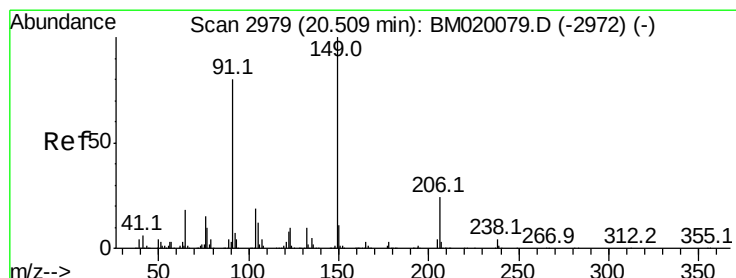
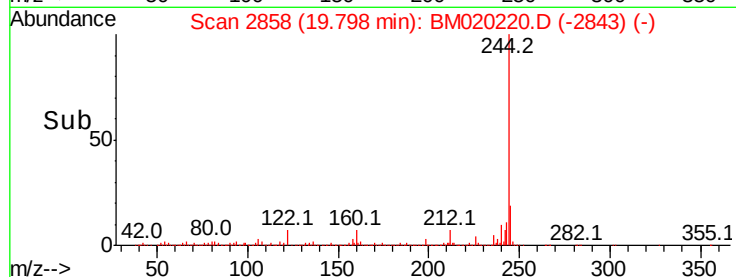
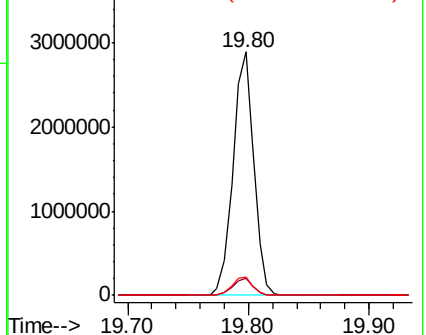
122 7.3 6.2 9.2



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: 62.813 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

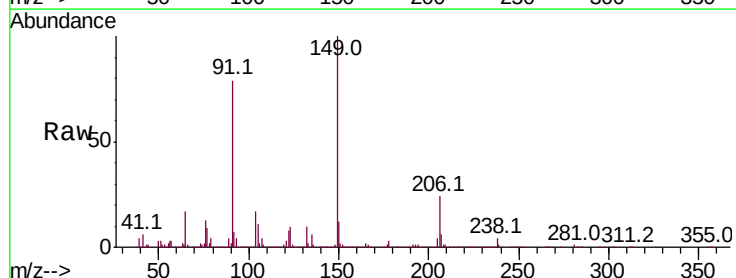
Tgt Ion:149 Resp: 928785

Ion Ratio Lower Upper

149 100

91 78.8 63.8 95.8

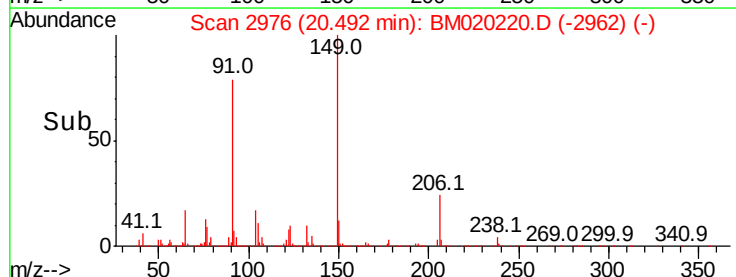
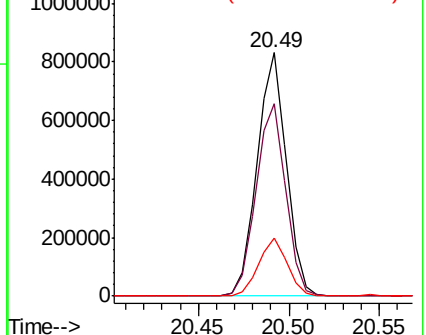
206 23.9 18.9 28.3

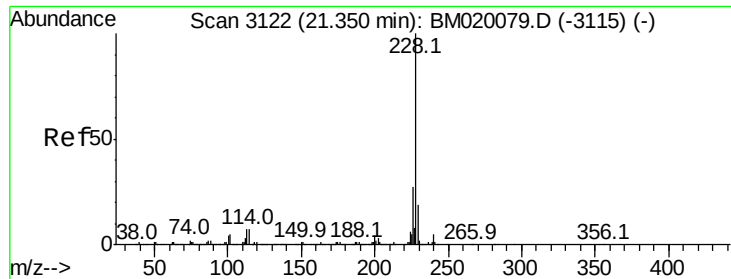


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.173 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

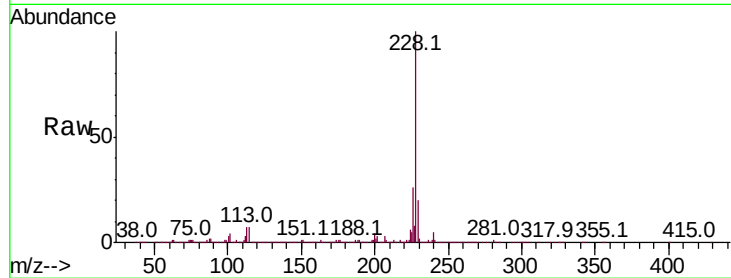
Tot Ion:228 Resp: 2555681

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.7	15.5	23.3

228 100

226 26.2 21.3 31.9

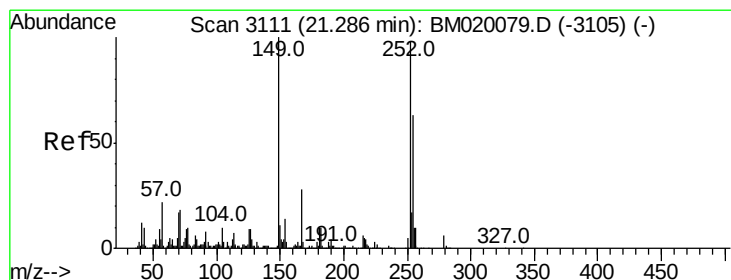
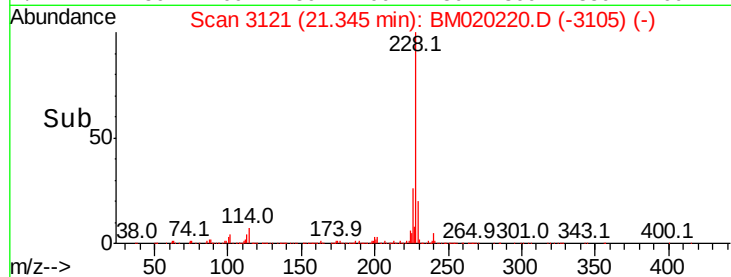
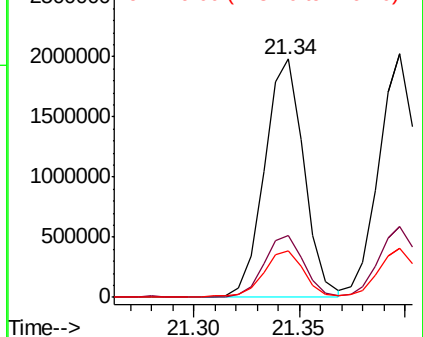
229 19.7 15.5 23.3



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: 39.463 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

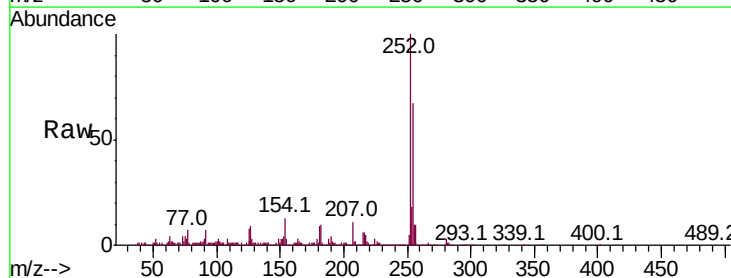
Tgt Ion:252 Resp: 639705

Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.1	76.7
126	8.4	7.1	10.7

252 100

254 66.6 51.1 76.7

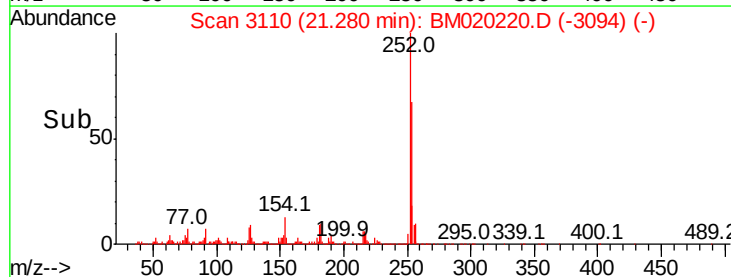
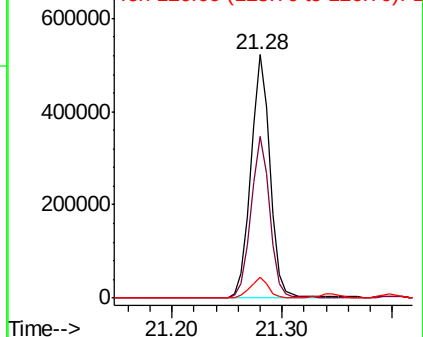
126 8.4 7.1 10.7

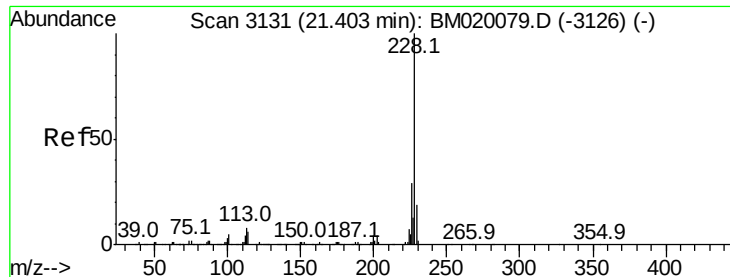


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.460 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

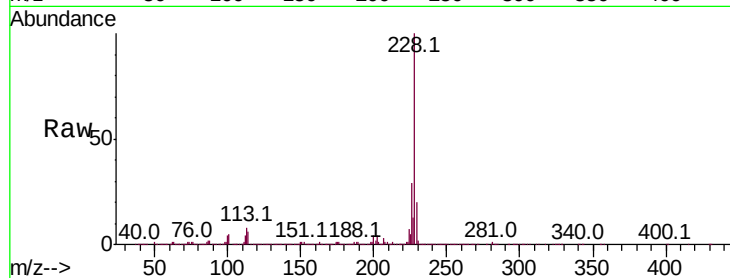
Tot Ion:228 Resp: 2490396

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.6

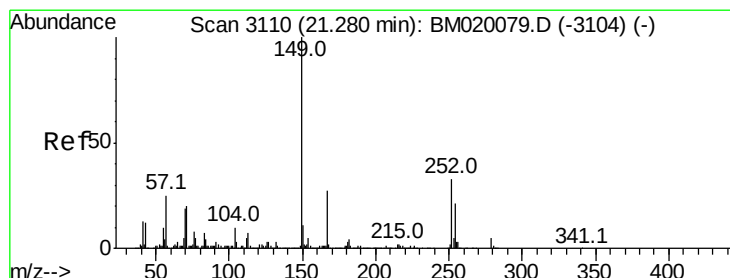
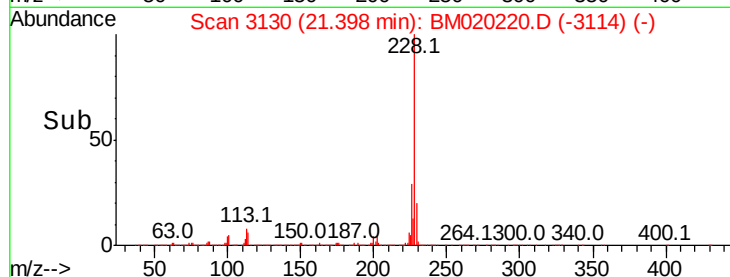
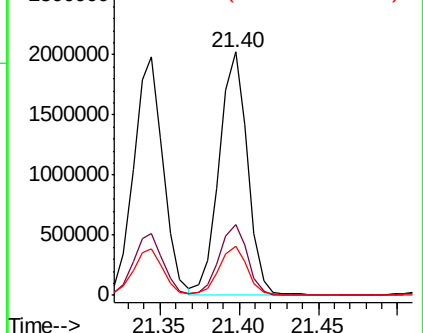
229 20.2 15.5 23.3



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: 60.279 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

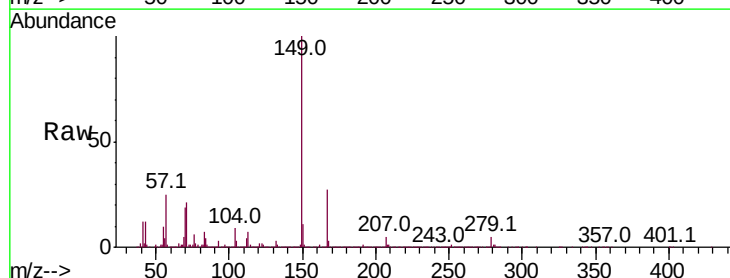
Tgt Ion:149 Resp: 1383075

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

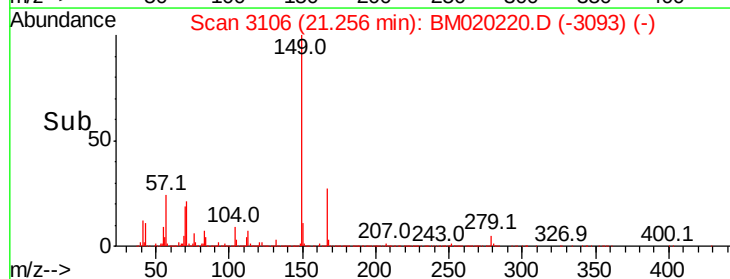
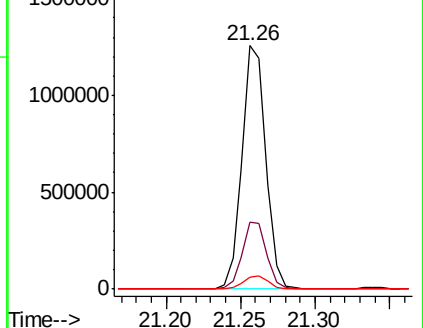
279 4.9 4.2 6.2

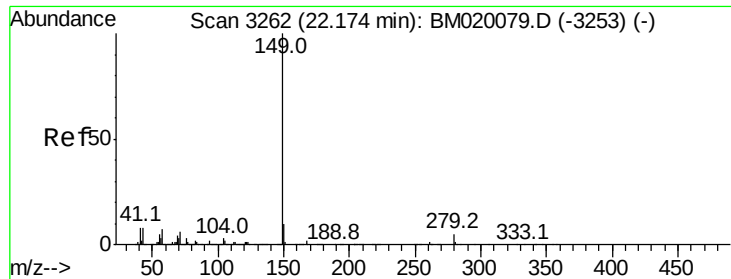


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.105 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

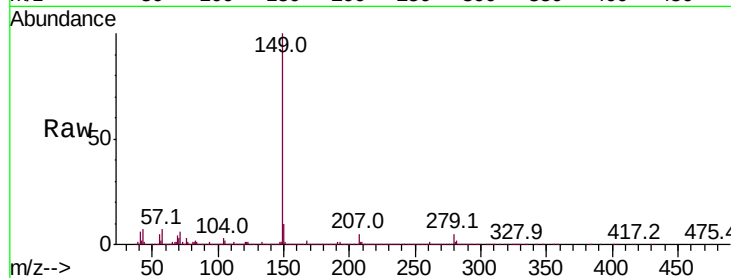
Tot Ion:149 Resp: 2406548

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

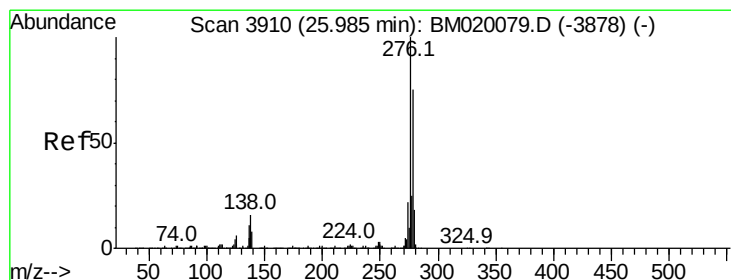
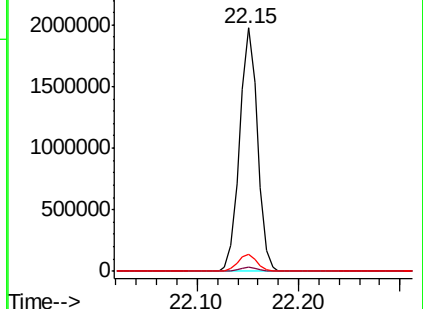
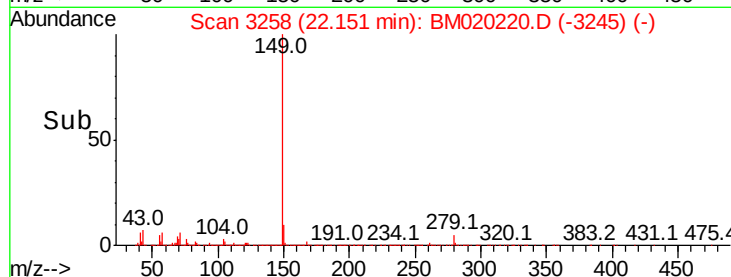
43 6.9 6.5 9.7



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: 65.804 ng

RT: 25.99 min Scan# 3910

Delta R.T. 0.00 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

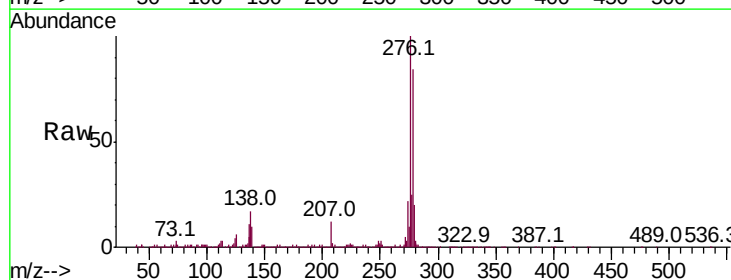
Tgt Ion:276 Resp: 3224126

Ion Ratio Lower Upper

276 100

138 16.2 0.0 0.0#

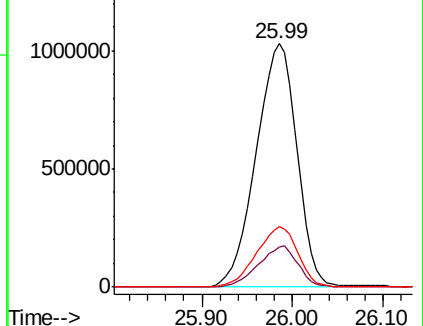
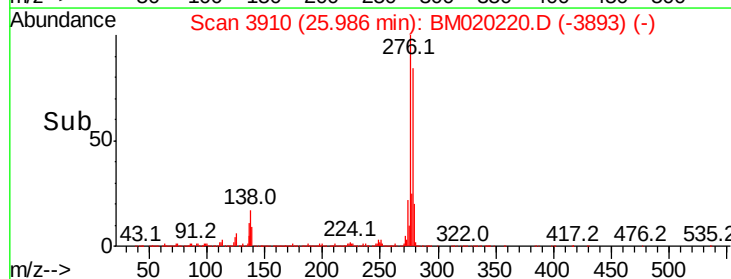
277 24.8 0.0 0.0#

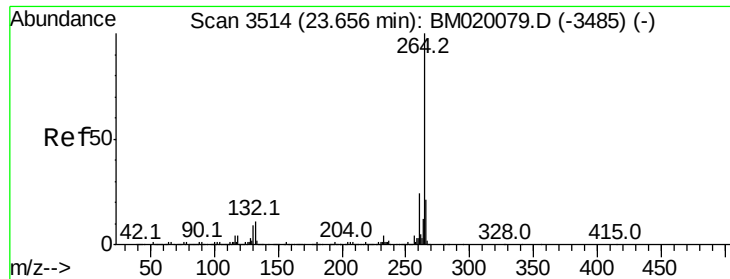


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3512

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampled :

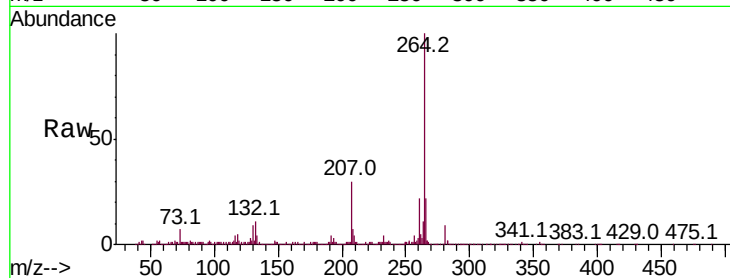
Tot Ion:264 Resp: 706833

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

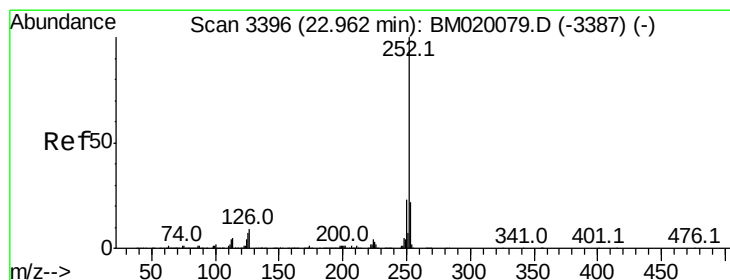
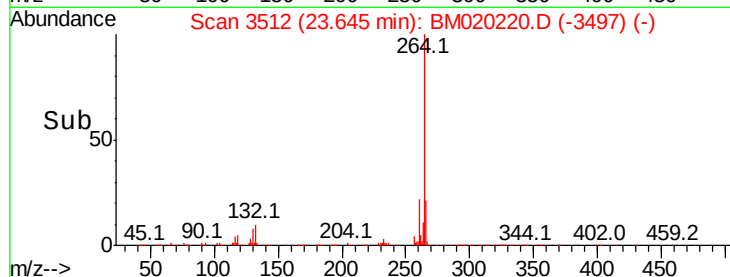
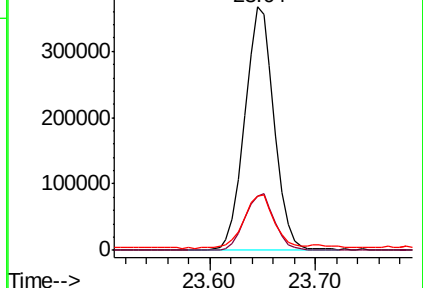
265 22.1 16.9 25.3



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: 60.124 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

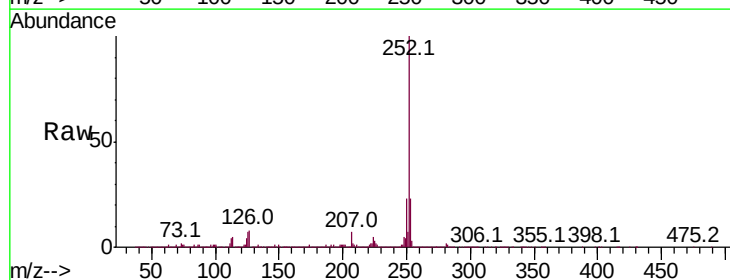
Tgt Ion:252 Resp: 2806313

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

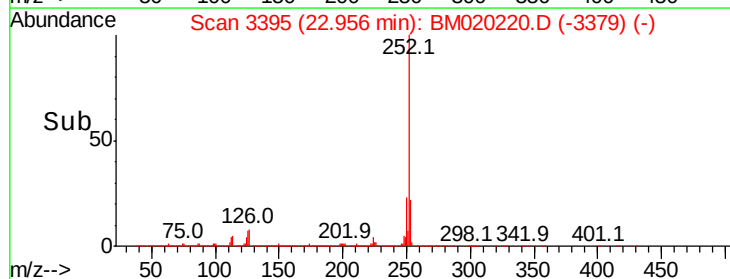
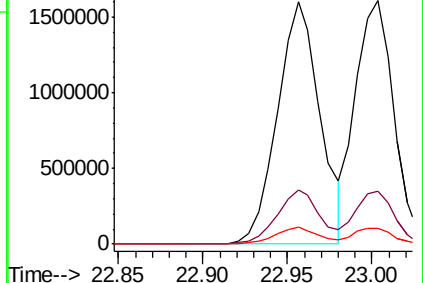
125 6.9 5.4 8.2

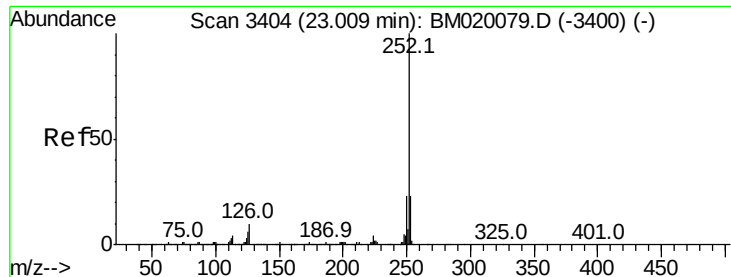


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 59.319 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

Instrument :

BNA_M

ClientSampleId :

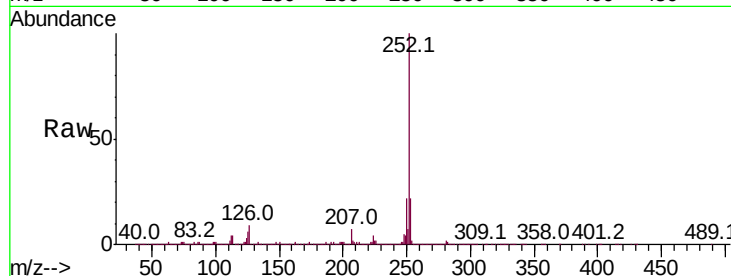
Tot Ion:252 Resp: 2525592

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

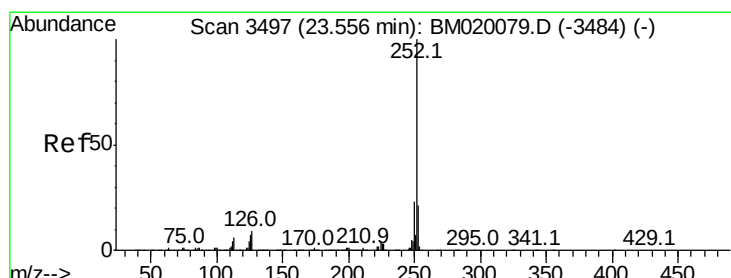
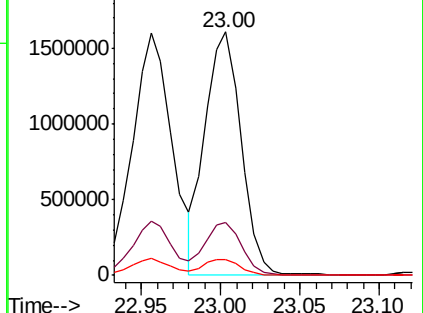
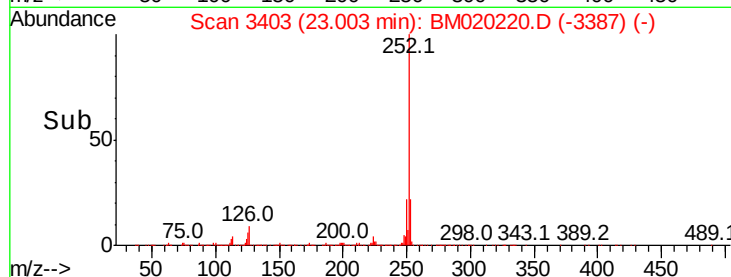
125 6.4 5.4 8.0



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: 63.527 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020220.D

Acq: 09 May 2019 16:51

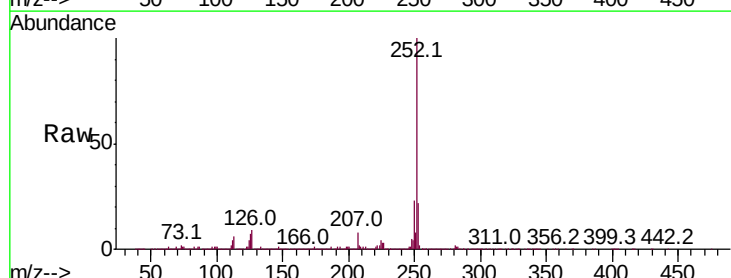
Tgt Ion:252 Resp: 2693330

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

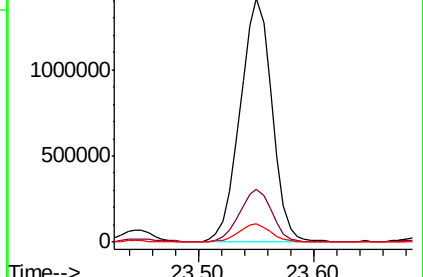
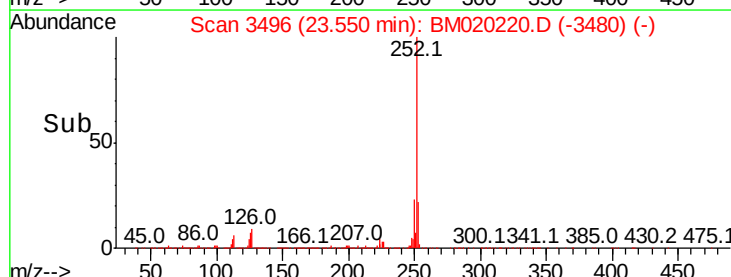
125 7.4 5.5 8.3

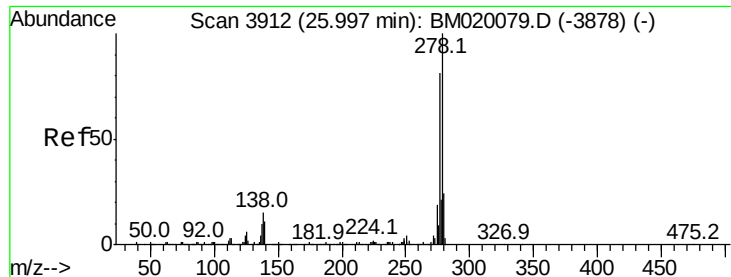


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

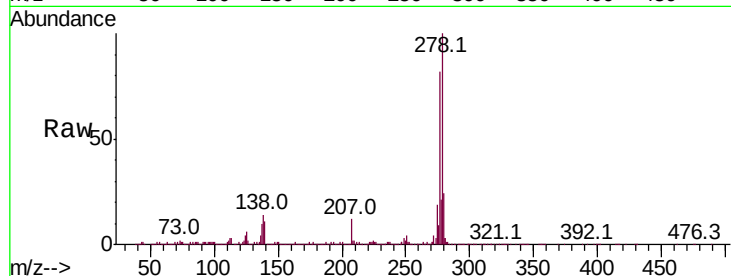




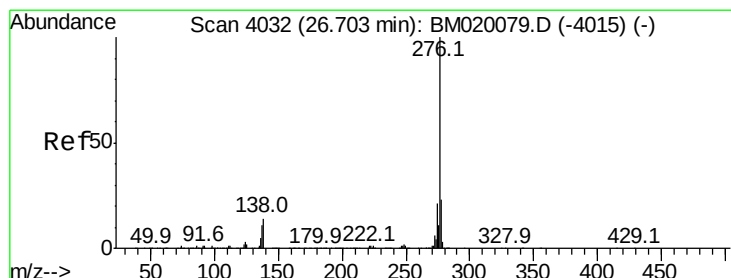
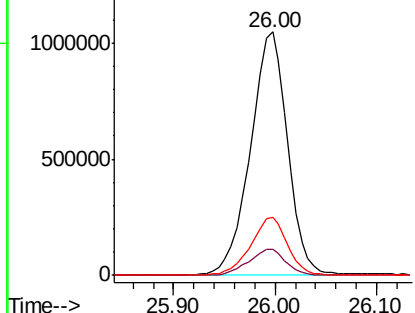
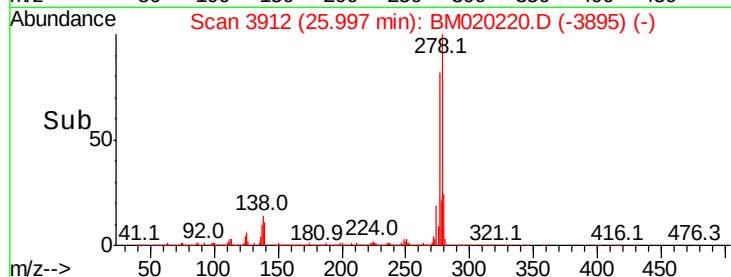
#91
Dibenzo(a,h)anthracene
Concen: 60.060 ng
RT: 26.00 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2648080
Ion Ratio Lower Upper
278 100
139 10.9 8.6 13.0
279 23.9 18.8 28.2

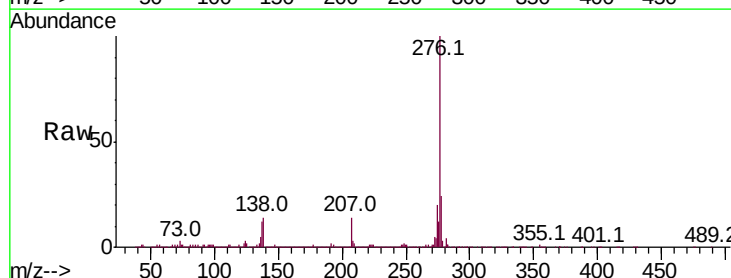


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 63.966 ng
RT: 26.70 min Scan# 4032
Delta R.T. 0.00 min
Lab File: BM020220.D
Acq: 09 May 2019 16:51

Tgt Ion:276 Resp: 2677591
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 13.6 11.1 16.7



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

