

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024709.D
 Acq On : 04 Feb 2020 16:42
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 03:49:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	264514	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	950887	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	637092	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1452130	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1588599	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1938081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	1167642	83.95	ng	-0.02
7) Phenol-d6	6.62	99	1484468	77.48	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1441821	74.36	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	910052	87.82	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3897562	83.17	ng	-0.02
79) Terphenyl-d14	19.49	244	7106290	83.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	214350	38.959	ng	91
3) Pyridine	3.43	79	620188	38.884	ng	95
4) n-Nitrosodimethylamine	3.35	42	227662	32.157	ng	79
6) Aniline	6.76	93	878822	37.677	ng	95
8) 2-Chlorophenol	7.00	128	649459	41.018	ng	93
9) Benzaldehyde	6.57	77	401168	35.435	ng	89
10) Phenol	6.65	94	735090	38.487	ng	93
11) bis(2-Chloroethyl)ether	6.86	93	574475	37.572	ng	97
12) 1,3-Dichlorobenzene	7.31	146	831720	42.758	ng	96
13) 1,4-Dichlorobenzene	7.46	146	837912	42.461	ng	97
14) 1,2-Dichlorobenzene	7.77	146	796670	41.824	ng	97
15) Benzyl Alcohol	7.66	79	554353	35.091	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	475386	33.962	ng	98
17) 2-Methylphenol	7.87	107	514410	38.220	ng	94
18) Hexachloroethane	8.48	117	298179	39.130	ng	96
19) n-Nitroso-di-n-propylamine	8.23	70	454488	31.592	ng	92
20) 3+4-Methylphenols	8.20	107	692952	37.193	ng	96
22) Acetophenone	8.23	105	963969	39.315	ng	96
24) Nitrobenzene	8.60	77	695910	37.453	ng	92
25) Isophorone	9.13	82	1203566	36.532	ng	97
26) 2-Nitrophenol	9.31	139	383040	44.520	ng	# 87
27) 2,4-Dimethylphenol	9.39	122	486953	41.650	ng	94
28) bis(2-Chloroethoxy)methane	9.62	93	778943	38.704	ng	99
29) 2,4-Dichlorophenol	9.84	162	695328	44.020	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	845699	44.392	ng	99
31) Naphthalene	10.23	128	1998601	41.614	ng	100
32) Benzoic acid	9.55	122	449988	42.074	ng	91
33) 4-Chloroaniline	10.35	127	866887	41.179	ng	96
34) Hexachlorobutadiene	10.53	225	577231	43.831	ng	99
35) Caprolactam	11.13	113	200730	39.609	ng	92
36) 4-Chloro-3-methylphenol	11.49	107	641897	38.217	ng	93
37) 2-Methylnaphthalene	11.86	142	1496370	40.374	ng	98
38) 1-Methylnaphthalene	12.08	142	1415473	40.149	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	977322	42.982	ng	98

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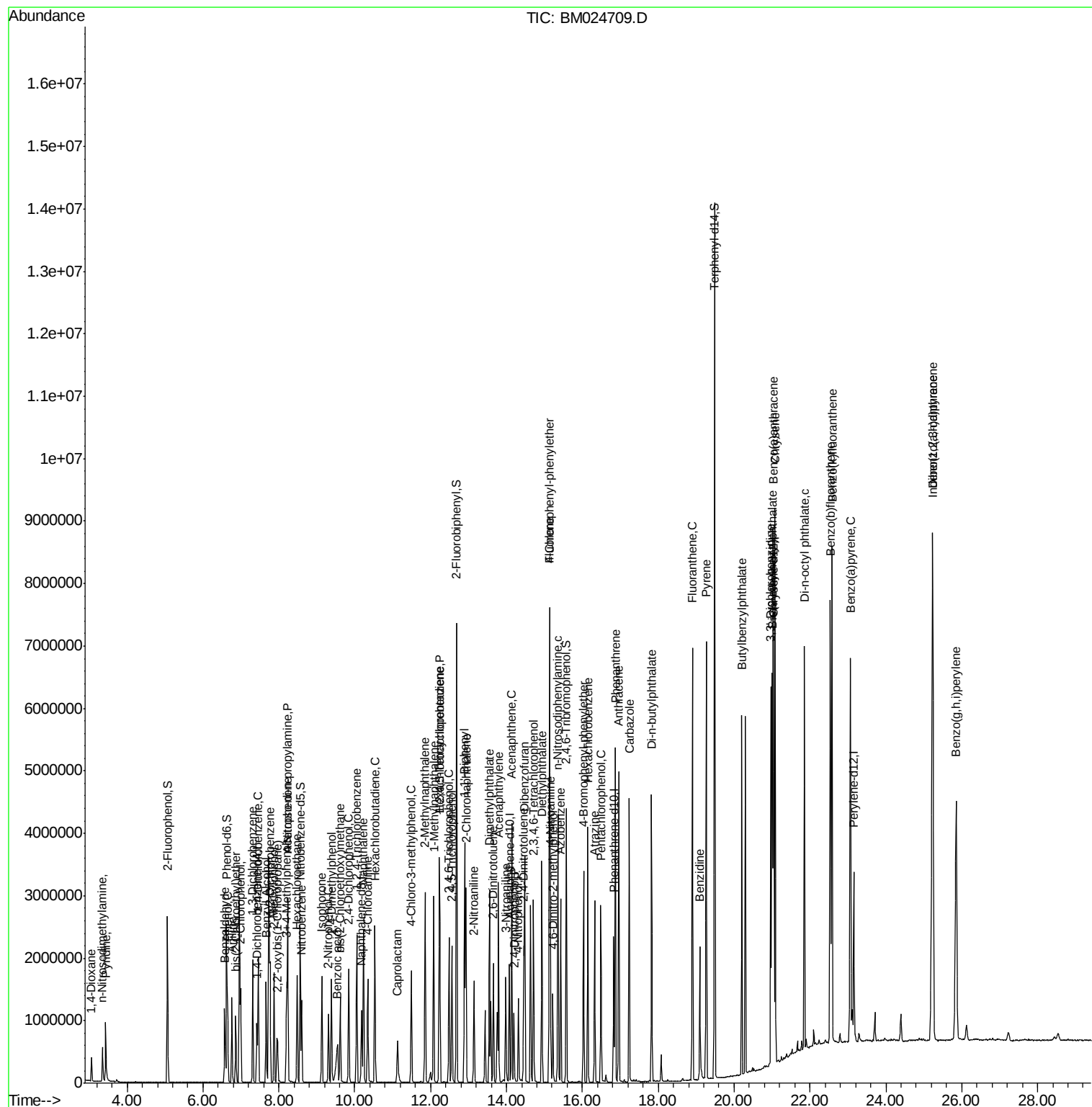
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	472932	37.107	ng	99
43) 2,4,6-Trichlorophenol	12.49	196	633982	43.815	ng	99
44) 2,4,5-Trichlorophenol	12.56	196	646595	43.756	ng	# 94
46) 1,1'-Biphenyl	12.90	154	2011100	41.712	ng	99
47) 2-Chloronaphthalene	12.93	162	1654522	42.507	ng	97
48) 2-Nitroaniline	13.14	65	417230	35.146	ng	# 82
49) Acenaphthylene	13.79	152	2427786	41.666	ng	100
50) Dimethylphthalate	13.55	163	2059395	39.975	ng	99
51) 2,6-Dinitrotoluene	13.66	165	454726	41.517	ng	# 83
52) Acenaphthene	14.14	154	1484989	41.071	ng	99
53) 3-Nitroaniline	13.99	138	472553	41.598	ng	91
54) 2,4-Dinitrophenol	14.20	184	290528	44.357	ng	# 84
55) Dibenzofuran	14.48	168	2422769	41.087	ng	96
56) 4-Nitrophenol	14.32	139	380450	42.844	ng	84
57) 2,4-Dinitrotoluene	14.46	165	643732	41.009	ng	# 85
58) Fluorene	15.13	166	1973352	39.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	629292	41.993	ng	# 94
60) Diethylphthalate	14.93	149	1990547	38.059	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	1113384	38.971	ng	98
62) 4-Nitroaniline	15.16	138	517577	41.276	ng	87
63) Azobenzene	15.43	77	1518397	34.035	ng	92
65) 4,6-Dinitro-2-methylphenol	15.23	198	382014	44.742	ng	86
66) n-Nitrosodiphenylamine	15.36	169	1747833	41.902	ng	98
67) 4-Bromophenyl-phenylether	16.03	248	748805	41.466	ng	95
68) Hexachlorobenzene	16.14	284	895444	43.210	ng	97
69) Atrazine	16.32	200	597922	37.344	ng	99
70) Pentachlorophenol	16.49	266	555675	44.022	ng	99
71) Phenanthrene	16.87	178	3246882	41.290	ng	99
72) Anthracene	16.96	178	3219588	41.844	ng	99
73) Carbazole	17.23	167	2979580	42.539	ng	99
74) Di-n-butylphthalate	17.83	149	3466250	38.710	ng	99
75) Fluoranthene	18.90	202	4198029	42.774	ng	99
77) Benzidine	19.10	184	1472046	39.789	ng	99
78) Pyrene	19.26	202	4314487	41.198	ng	100
80) Butylbenzylphthalate	20.20	149	1706162	38.825	ng	92
81) Benzo(a)anthracene	21.03	228	4625384	41.951	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	1909399	48.141	ng	99
83) Chrysene	21.08	228	4425973	42.068	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2419915	37.321	ng	# 97
85) Di-n-octyl phthalate	21.85	149	4269628	39.857	ng	97
86) Indeno(1,2,3-cd)pyrene	25.23	276	5924970	51.669	ng	99
88) Benzo(b)fluoranthene	22.54	252	5025433	39.980	ng	99
89) Benzo(k)fluoranthene	22.58	252	4874714	39.730	ng	99
90) Benzo(a)pyrene	23.07	252	4747534	41.542	ng	100
91) Dibenzo(a,h)anthracene	25.24	278	4925273	45.407	ng	99
92) Benzo(g,h,i)perylene	25.86	276	4763259	48.362	ng	98

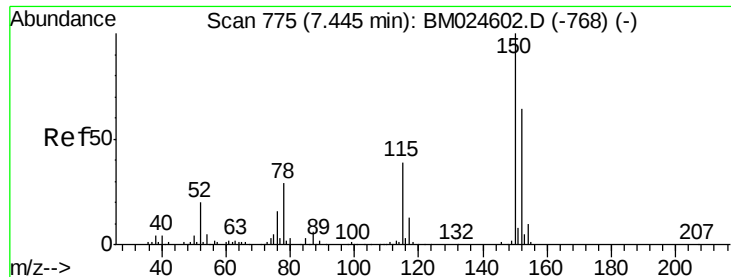
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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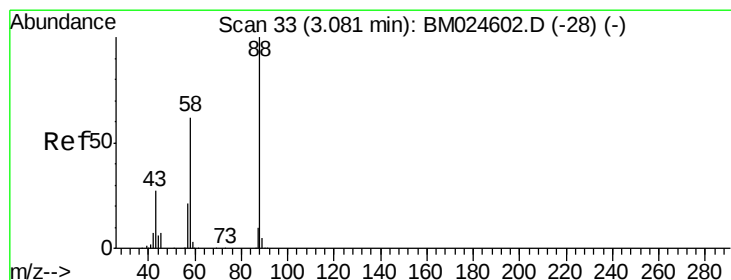
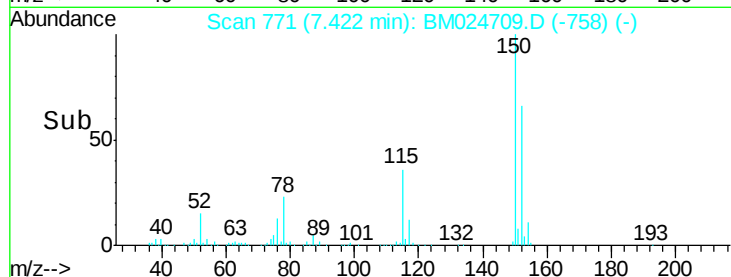
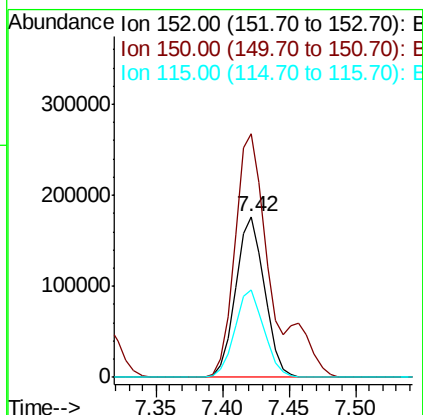
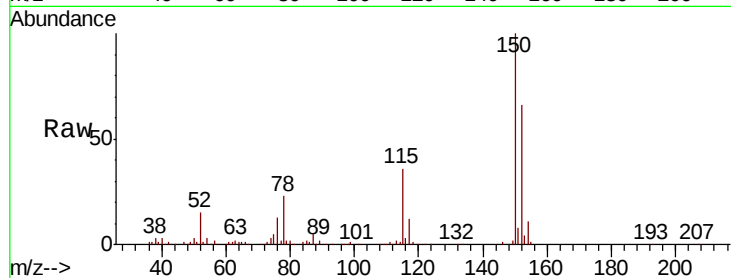


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Instrument :
BNA_M
ClientSampleId :

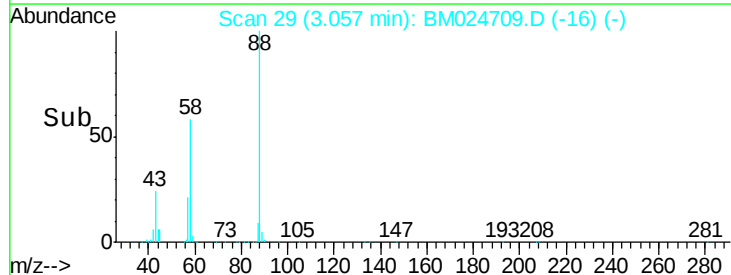
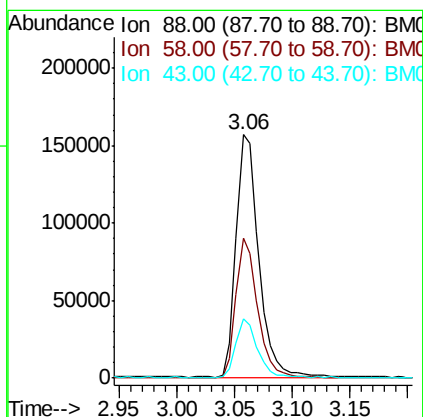
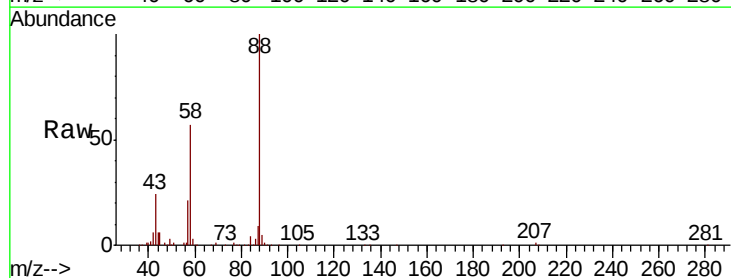
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.2	186.4
115	54.4	48.6	72.8

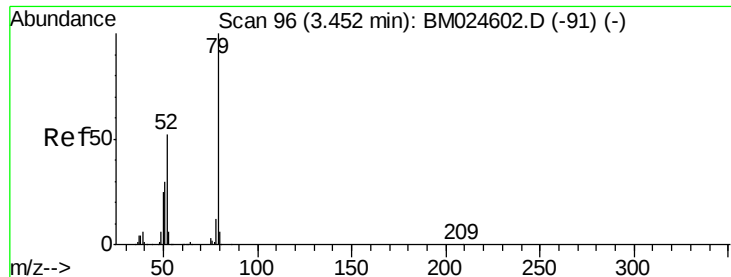


#2

1,4-Dioxane
Concen: 38.959 ng
RT: 3.06 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	50.0	75.0
43	22.3	21.6	32.4





#3

Pvridine

Concen: 38.884 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

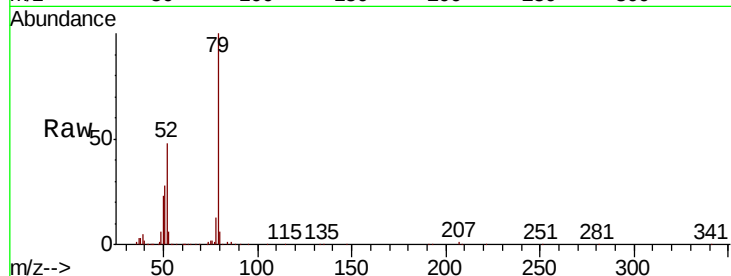
Tot Ion: 79 Resp: 620188

Ion Ratio Lower Upper

79 100

52 47.8 41.4 62.2

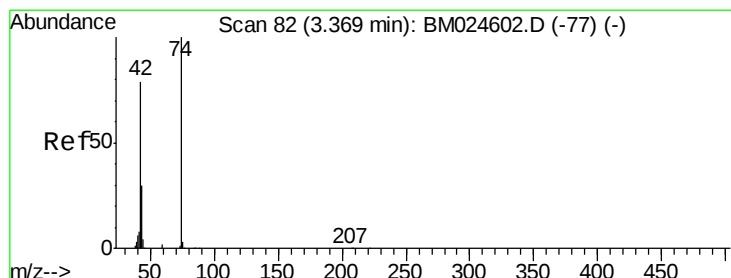
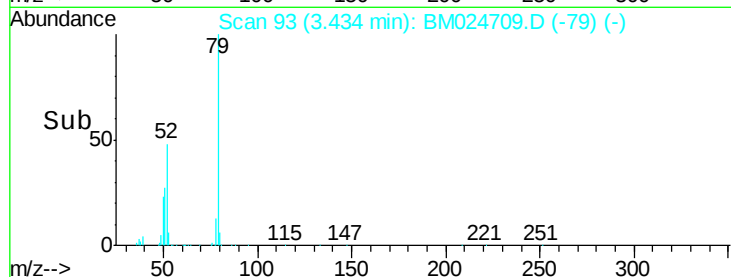
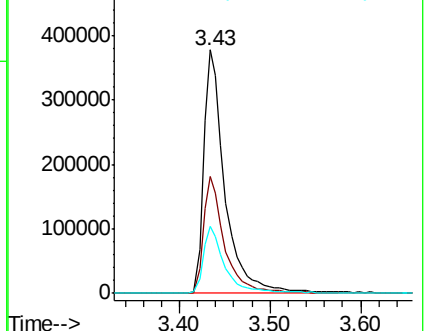
51 27.7 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024709.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024709.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024709.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 32.157 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

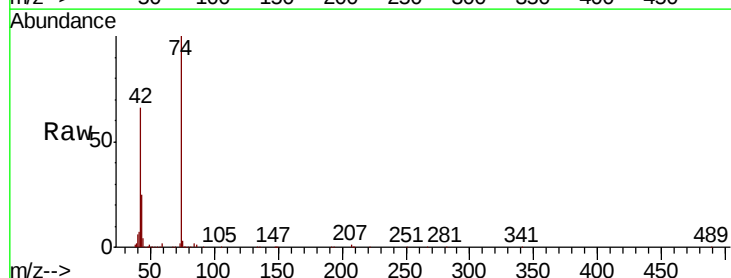
Tgt Ion: 42 Resp: 227662

Ion Ratio Lower Upper

42 100

74 152.0 101.4 152.2

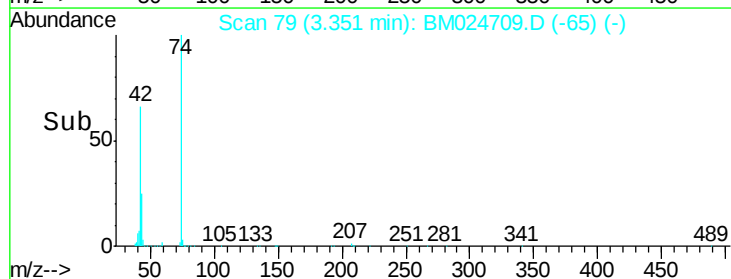
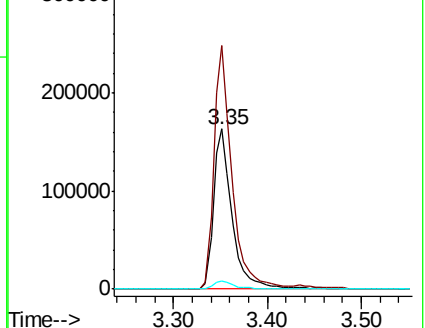
44 5.3 4.6 6.8

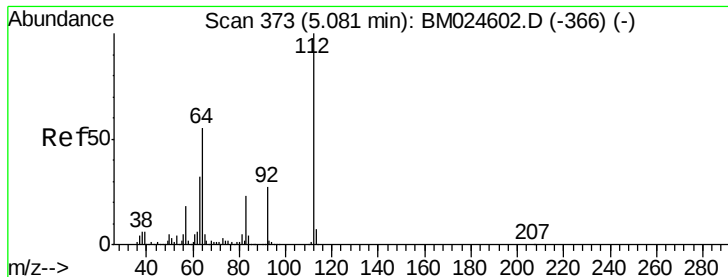


Abundance Ion 42.00 (41.70 to 42.70): BM024709.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024709.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024709.D (-65) (-)





#5

2-Fluorophenol

Concen: 83.949 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampled :

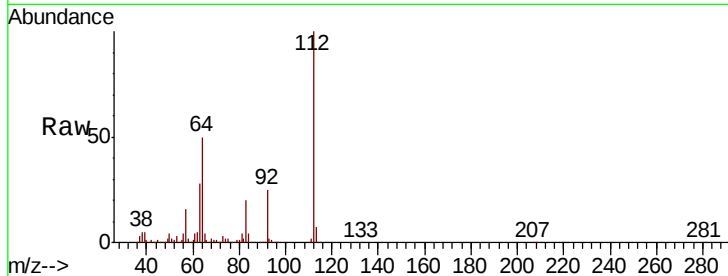
Tot Ion:112 Resp: 1167642

Ion Ratio Lower Upper

112 100

64 49.7 44.2 66.4

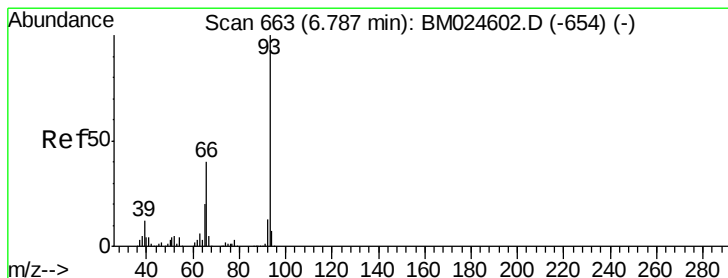
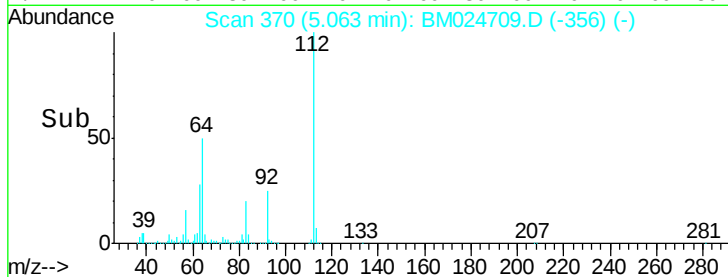
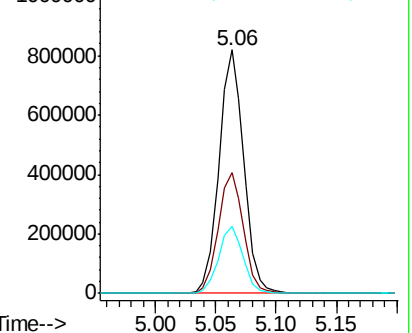
63 27.7 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.677 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

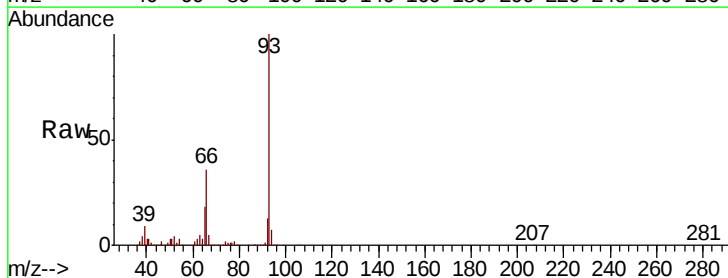
Tgt Ion: 93 Resp: 878822

Ion Ratio Lower Upper

93 100

66 36.3 31.8 47.8

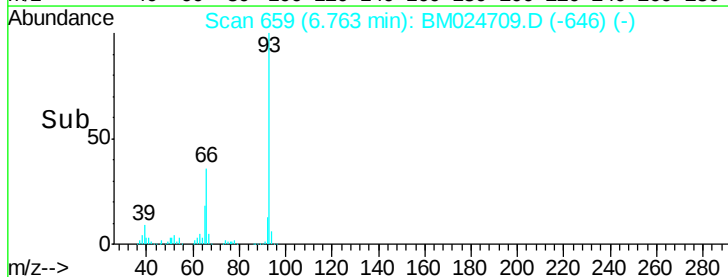
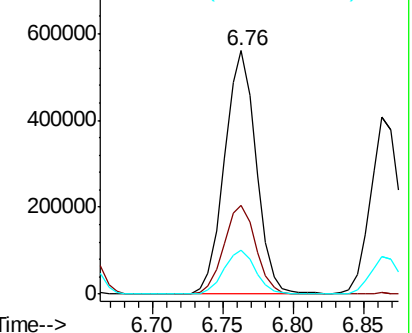
65 18.2 15.8 23.6

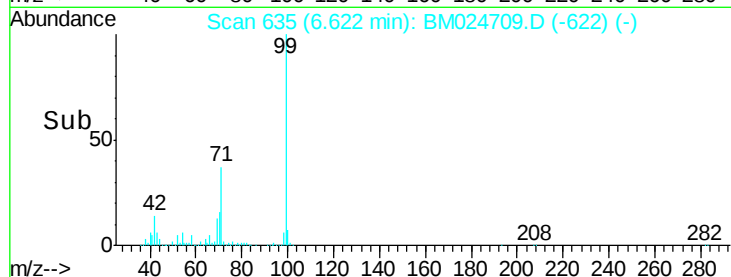
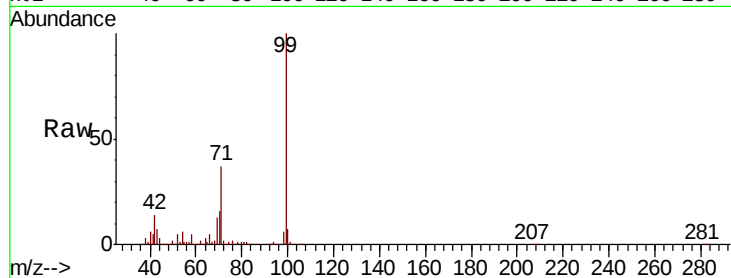
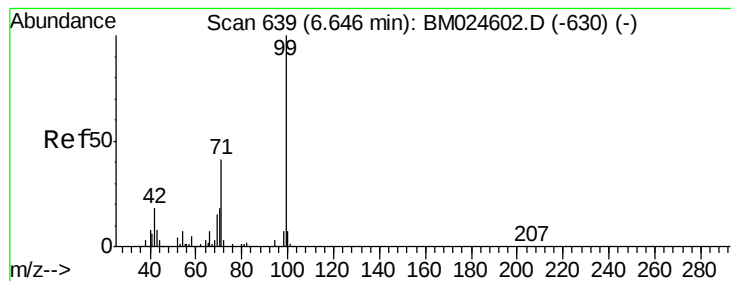


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 77.475 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

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ClientSampleId :

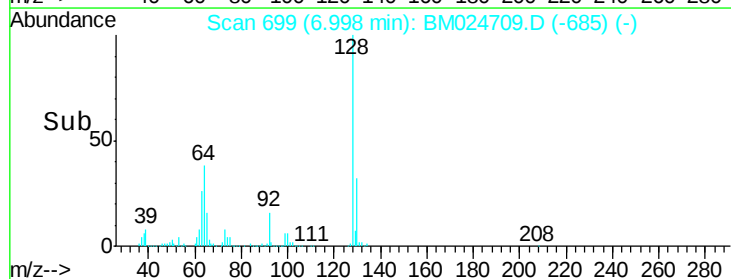
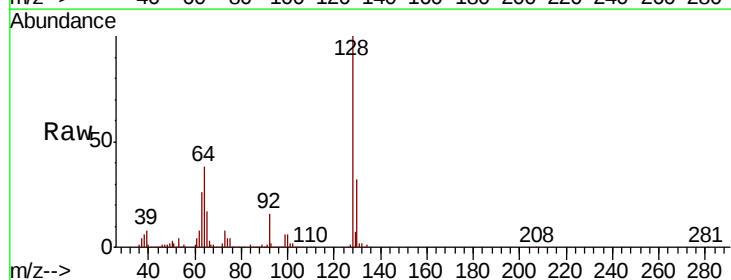
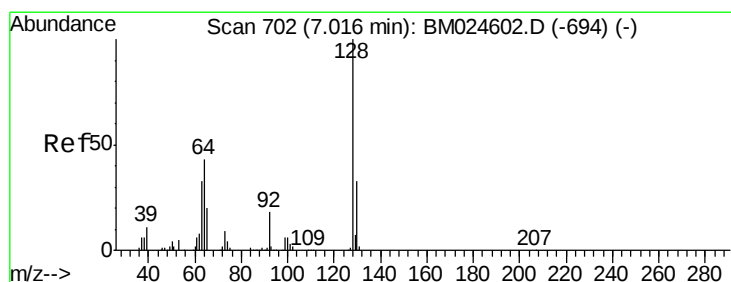
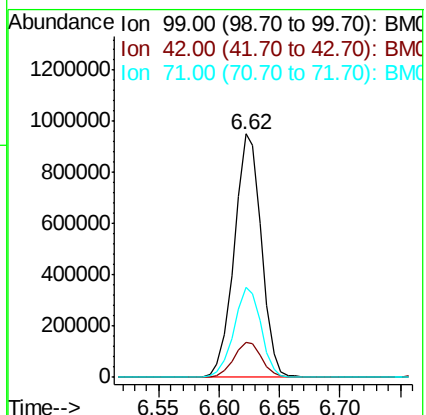
Tot Ion: 99 Resp: 1484468

Ion Ratio Lower Upper

99 100

42 14.4 14.1 21.1

71 36.8 33.0 49.6



#8

2-Chlorophenol

Concen: 41.018 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

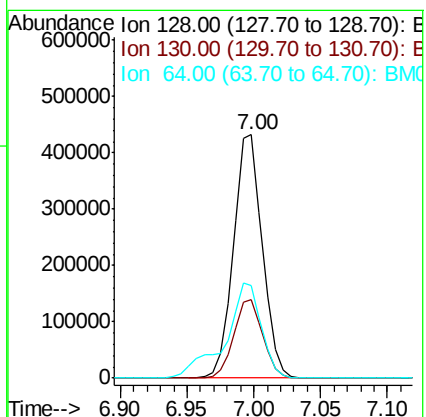
Tgt Ion: 128 Resp: 649459

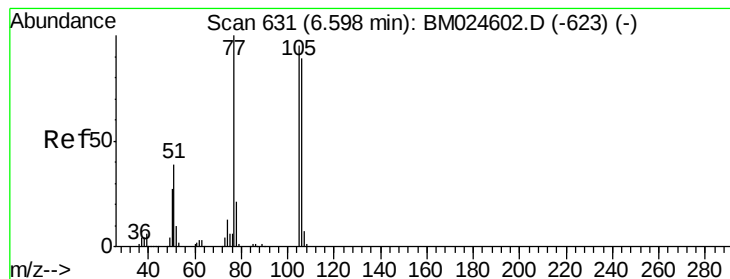
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 38.2 26.1 66.1





#9

Benzaldehyde

Concen: 35.435 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

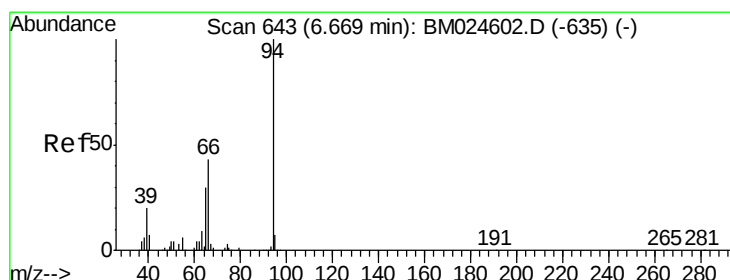
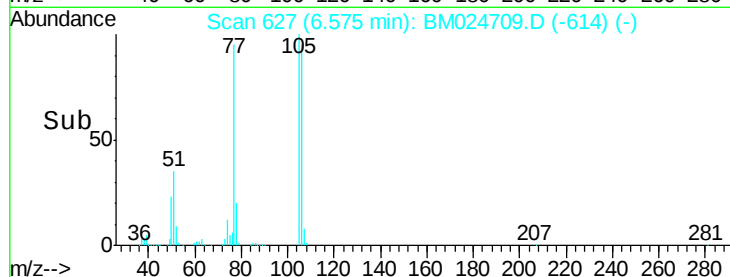
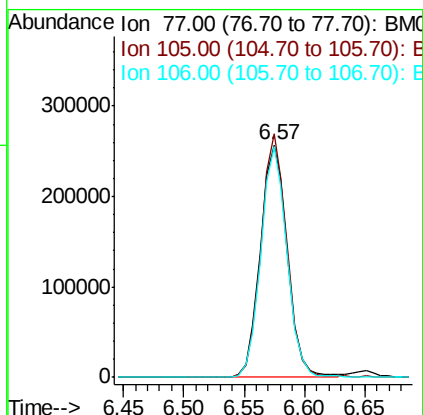
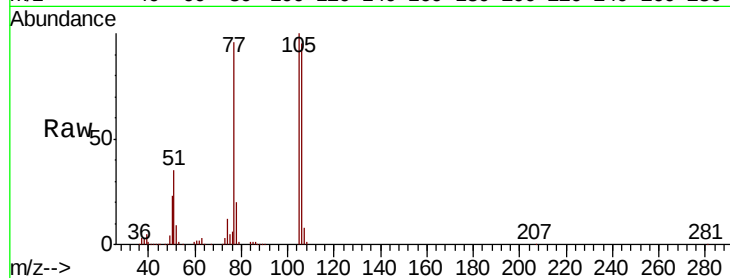
Tot Ion: 77 Resp: 401168

Ion Ratio Lower Upper

77 100

105 104.6 75.2 115.2

106 99.4 68.6 108.6



#10

Phenol

Concen: 38.487 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

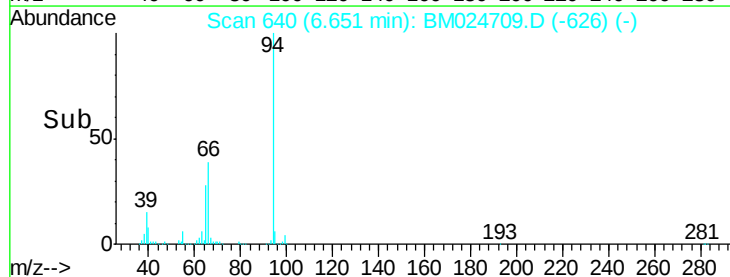
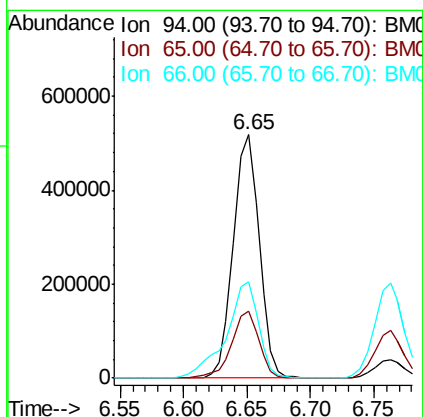
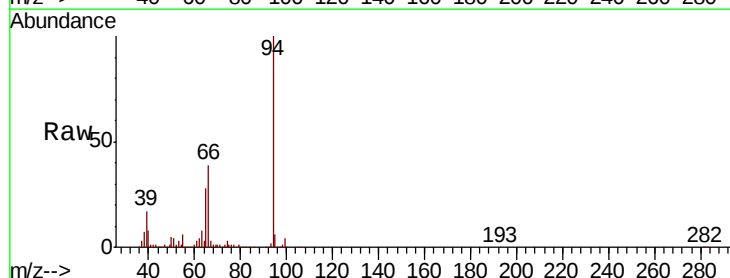
Tgt Ion: 94 Resp: 735090

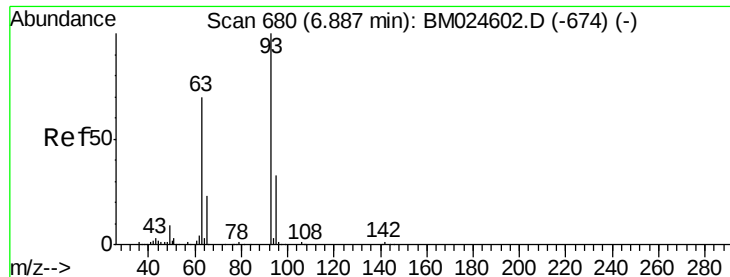
Ion Ratio Lower Upper

94 100

65 27.7 10.3 50.3

66 39.4 24.8 64.8

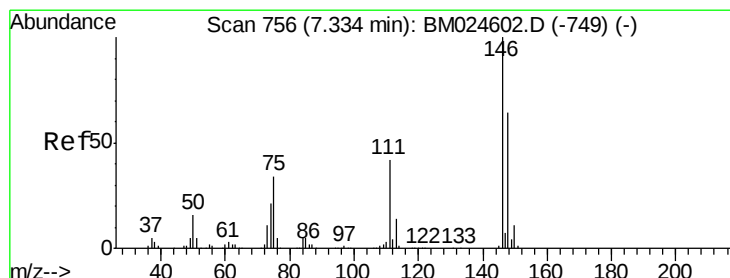
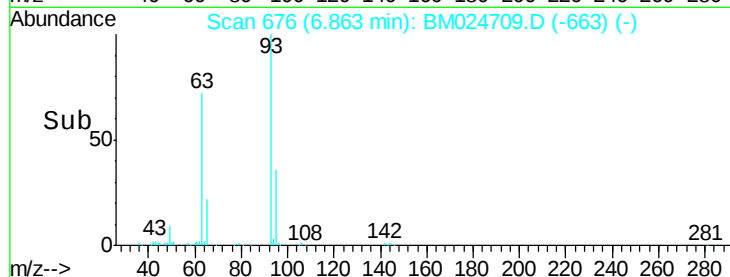
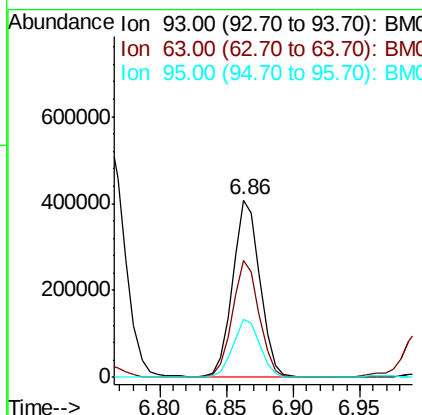
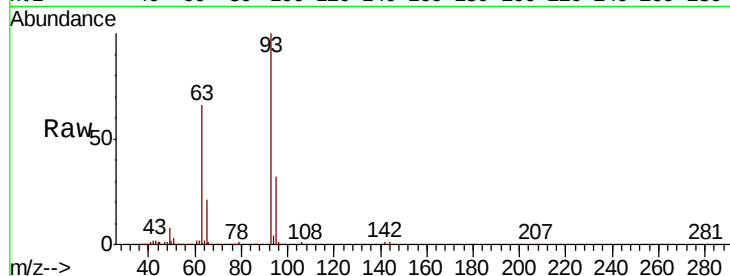




#11
bis(2-Chloroethyl)ether
Concen: 37.572 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

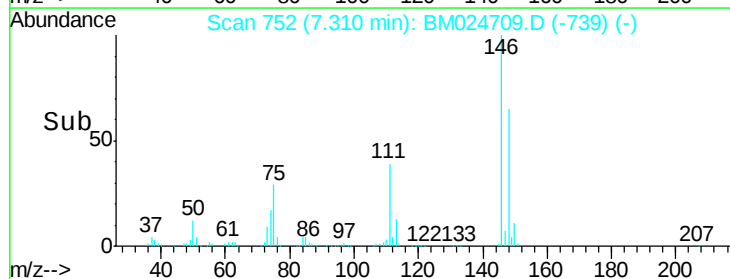
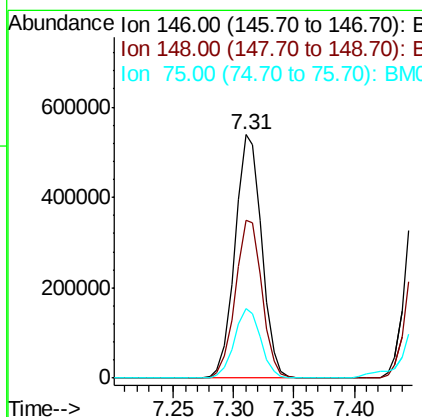
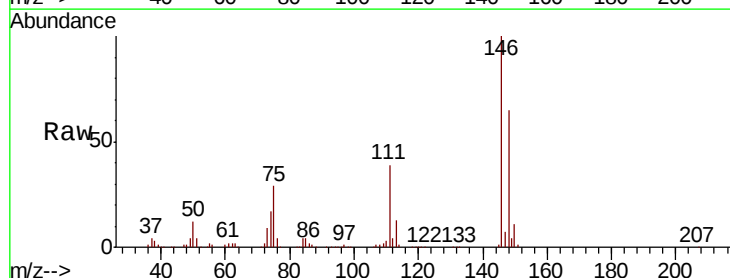
Instrument :
BNA_M
ClientSampleId :

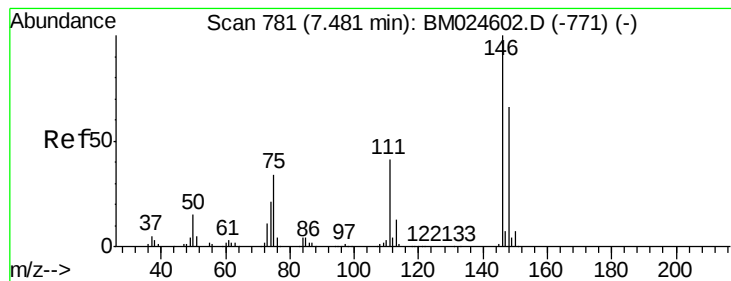
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.7	49.6	89.6
95	32.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.758 ng
RT: 7.31 min Scan# 752
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	28.6	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 42.461 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

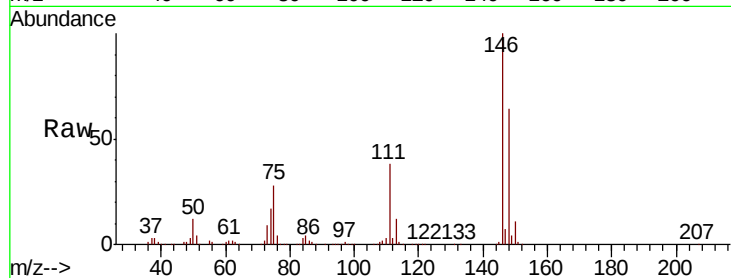
Tot Ion:146 Resp: 837912

Ion Ratio Lower Upper

146 100

148 63.8 52.5 78.7

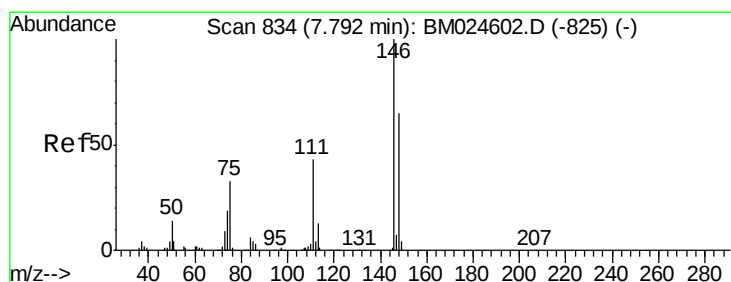
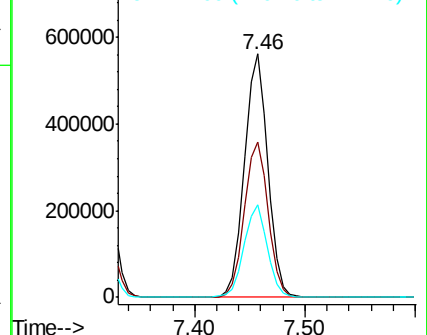
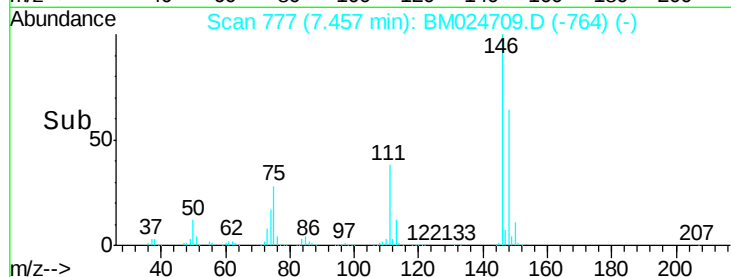
111 37.9 33.0 49.4



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



#14

1,2-Dichlorobenzene

Concen: 41.824 ng

RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

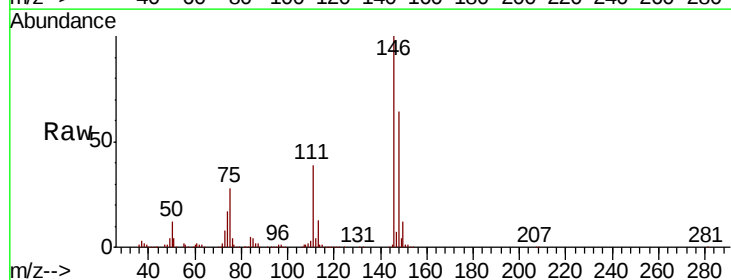
Tgt Ion:146 Resp: 796670

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

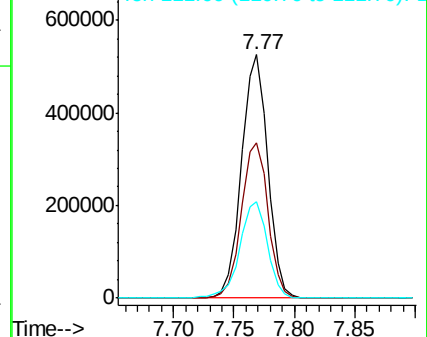
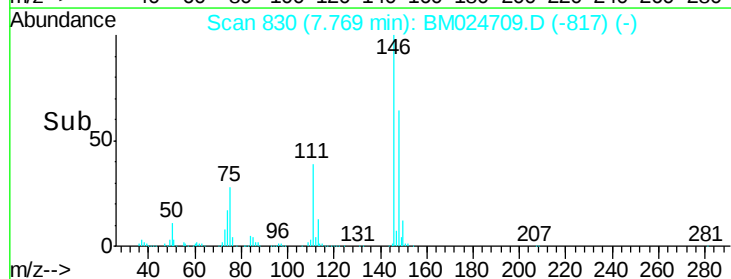
111 39.5 34.5 51.7

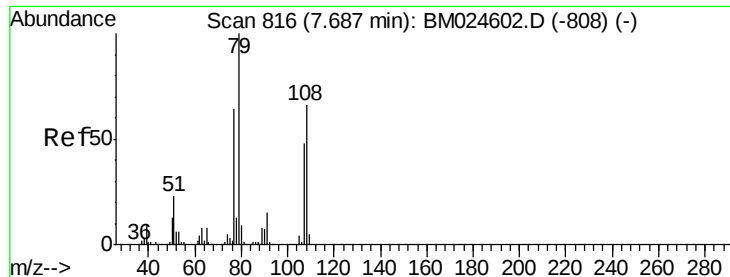


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.091 ng

RT: 7.66 min Scan# 812

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

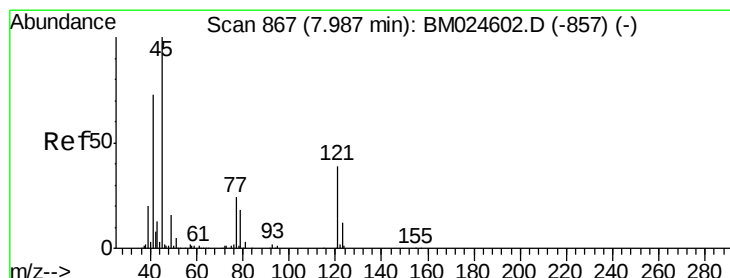
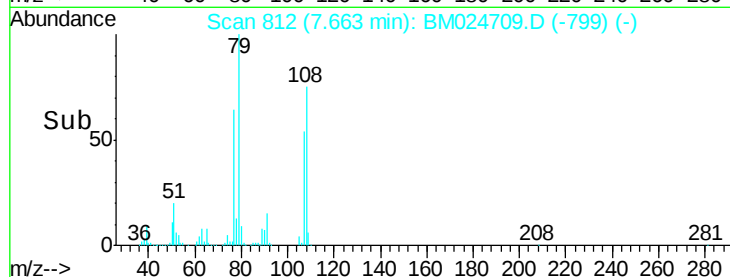
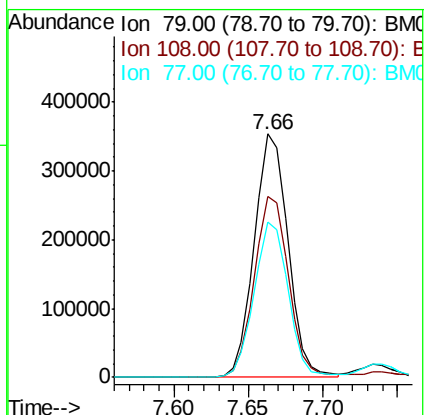
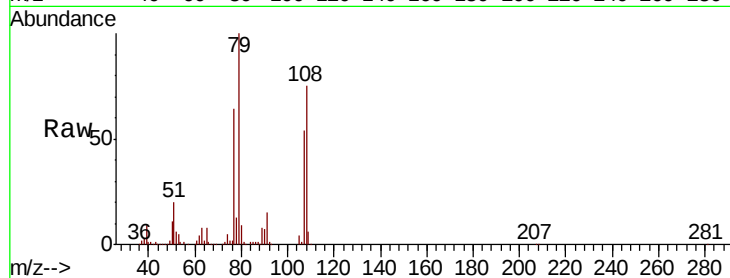
Tot Ion: 79 Resp: 554353

Ion Ratio Lower Upper

79 100

108 74.5 53.0 79.4

77 63.7 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.962 ng

RT: 7.96 min Scan# 862

Delta R.T. -0.03 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

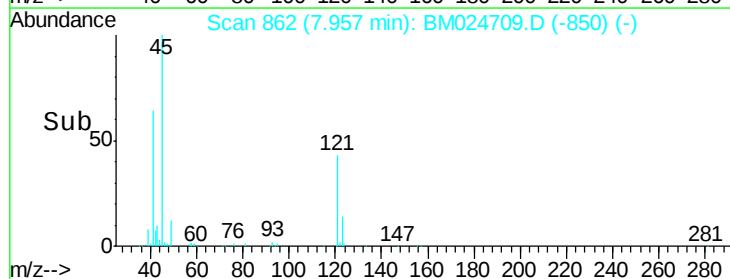
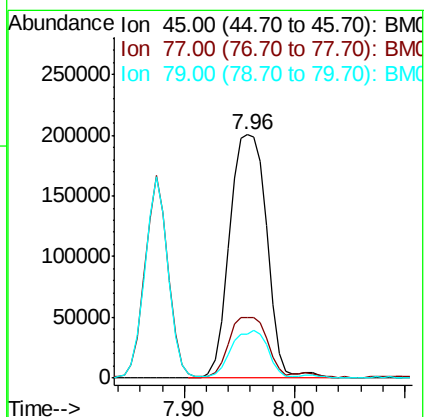
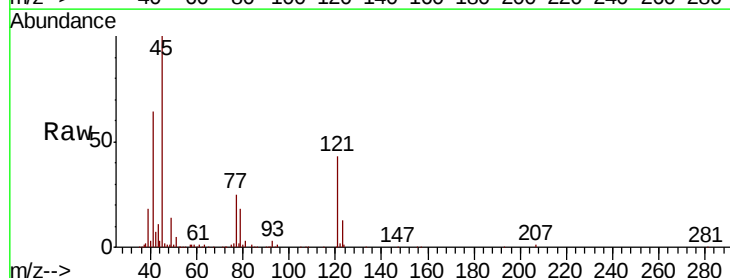
Tgt Ion: 45 Resp: 475386

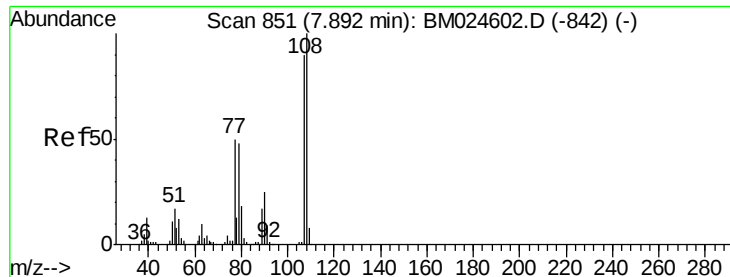
Ion Ratio Lower Upper

45 100

77 24.9 5.2 45.2

79 18.0 0.0 39.4

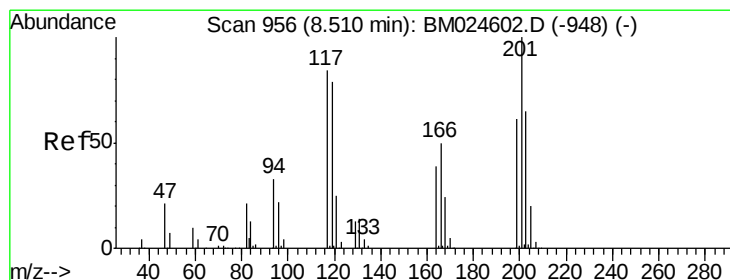
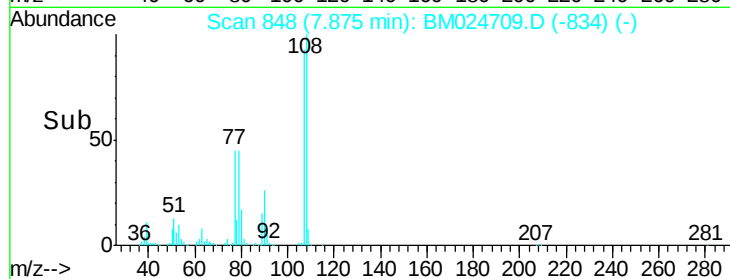
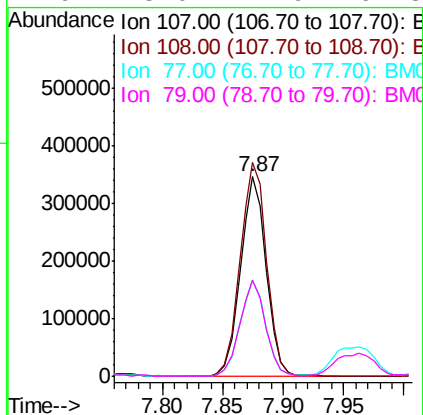
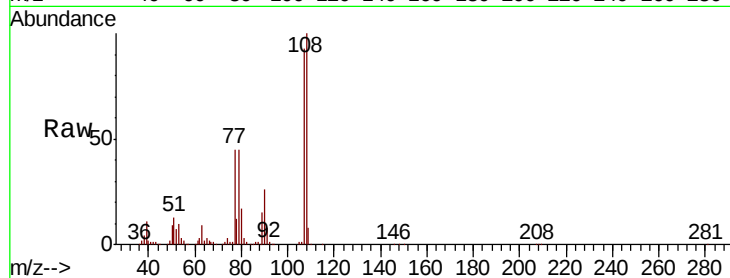




#17
2-Methylphenol
Concen: 38.220 ng
RT: 7.87 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

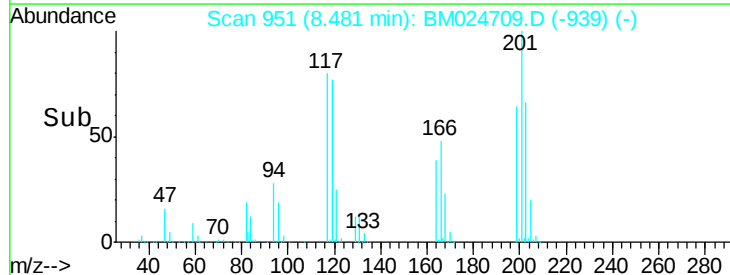
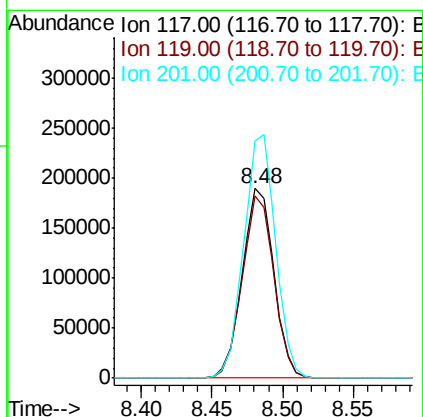
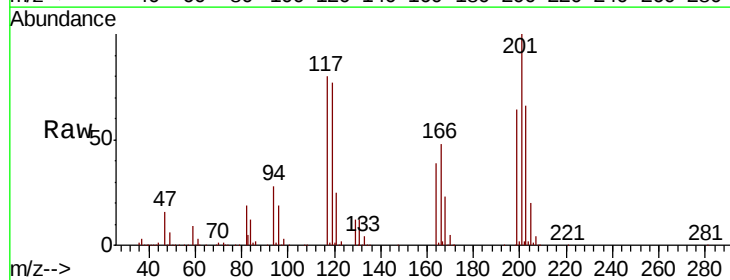
Instrument :
BNA_M
ClientSampled :

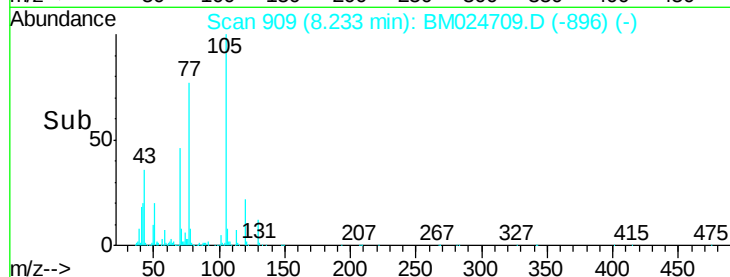
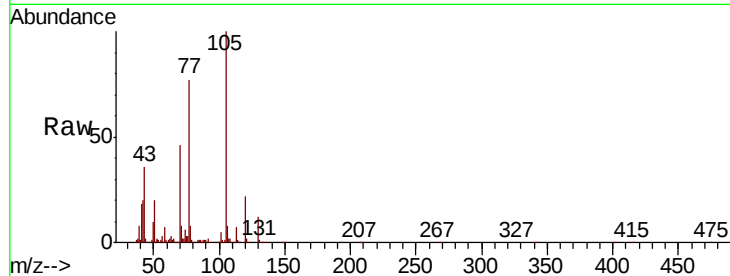
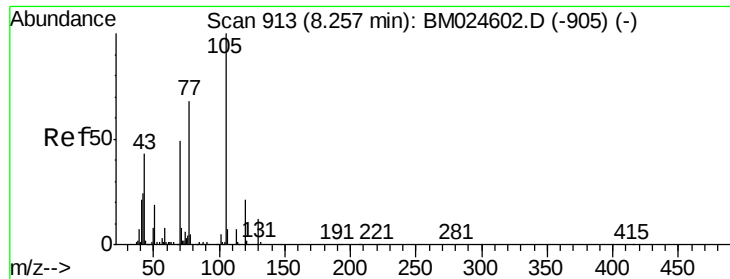
Tot Ion:	107	Resp:	514410
Ion	Ratio	Lower	Upper
107	100		
108	107.2	88.9	133.3
77	48.1	44.5	66.7
79	48.0	42.9	64.3



#18
Hexachloroethane
Concen: 39.130 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.03 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:	117	Resp:	298179
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.2
201	125.0	95.8	143.6

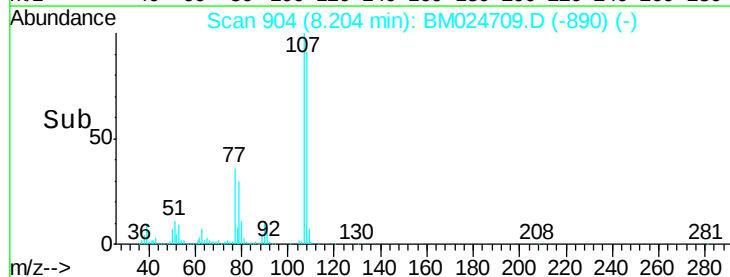
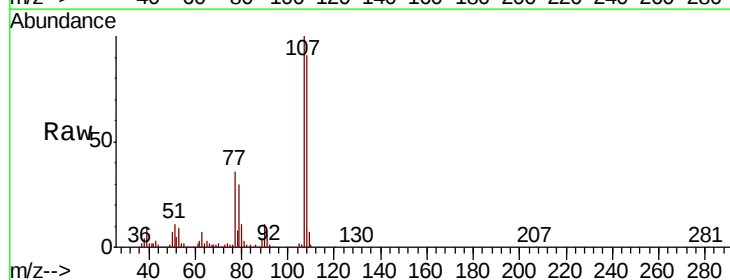
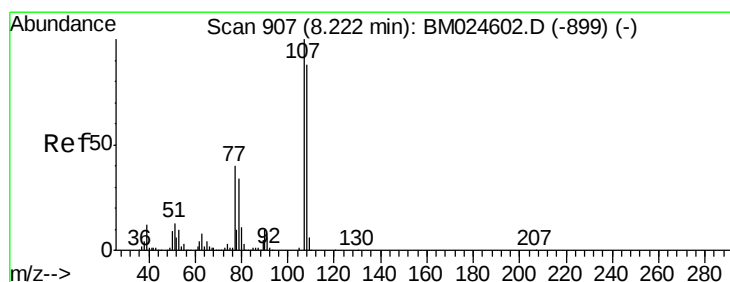
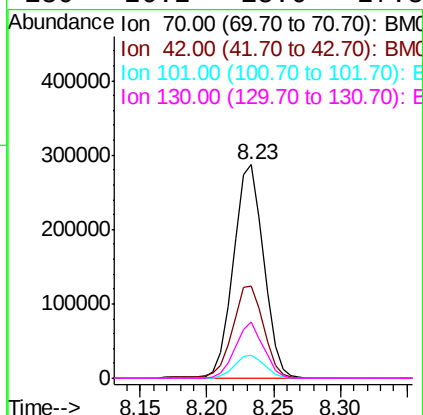




#19
n-Nitroso-di-n-propylamine
Concen: 31.592 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

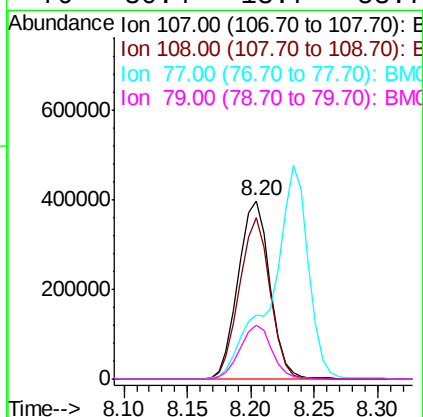
Instrument :
BNA_M
ClientSampled :

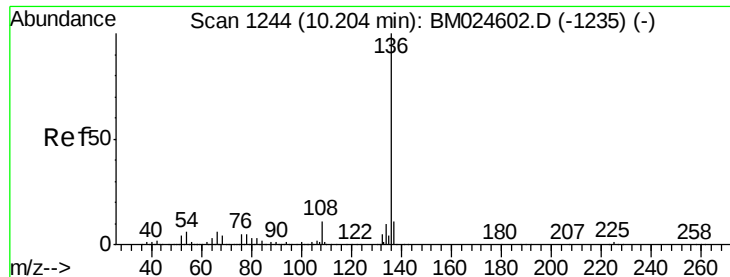
Tot Ion:	70	Resp:	454488
Ion	Ratio	Lower	Upper
70	100		
42	43.2	40.0	60.0
101	10.9	8.2	12.2
130	26.2	18.6	27.8



#20
3+4-Methylphenols
Concen: 37.193 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:	107	Resp:	692952
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.0	108.0
77	35.8	19.9	59.9
79	30.4	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 950887

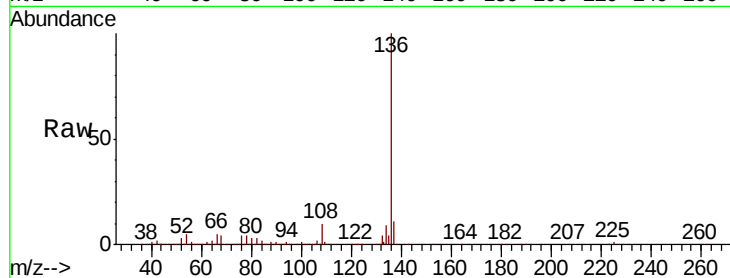
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 4.9 4.5 6.7

68 4.3 3.4 5.0

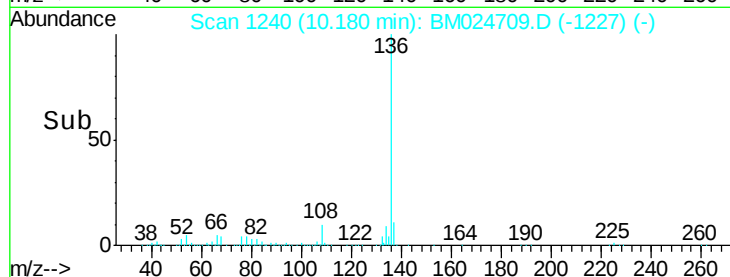


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

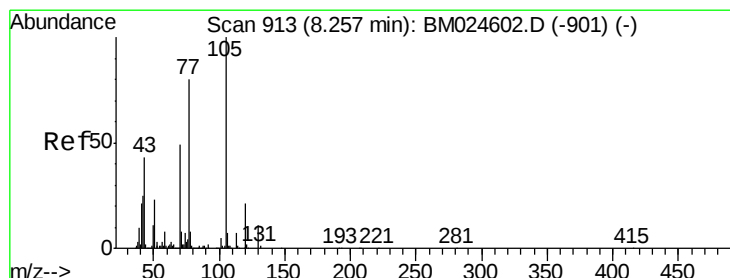
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->

10.18



#22

Acetophenone

Concen: 39.315 ng

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Tgt Ion:105 Resp: 963969

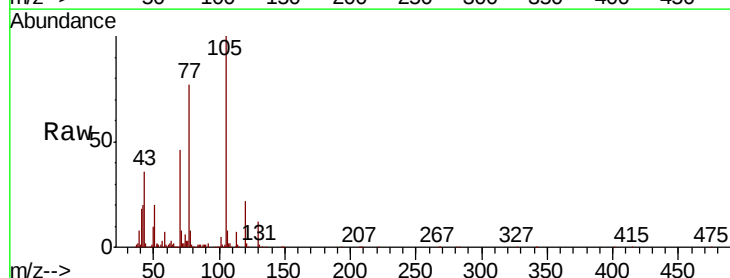
Ion Ratio Lower Upper

105 100

71 7.8 6.7 10.1

51 20.2 18.5 27.7

120 22.2 16.6 25.0

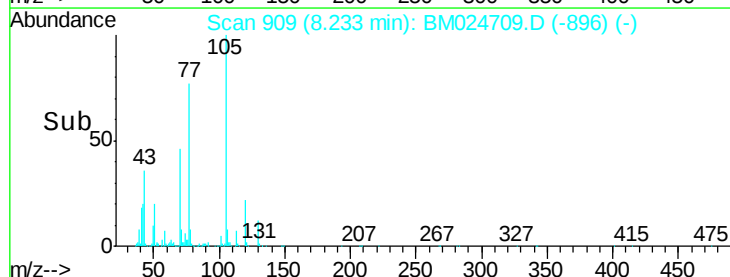


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

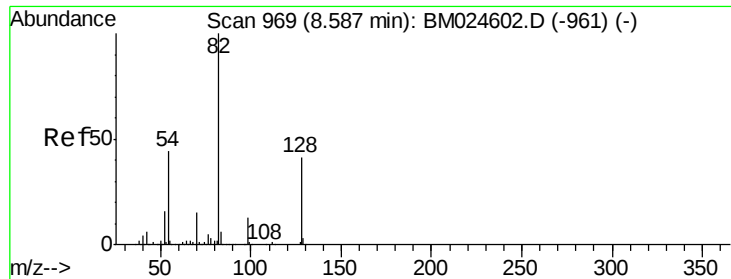
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

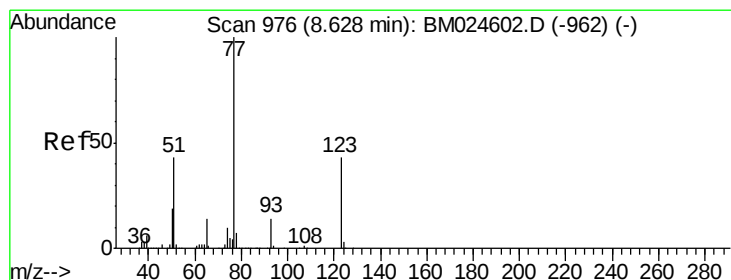
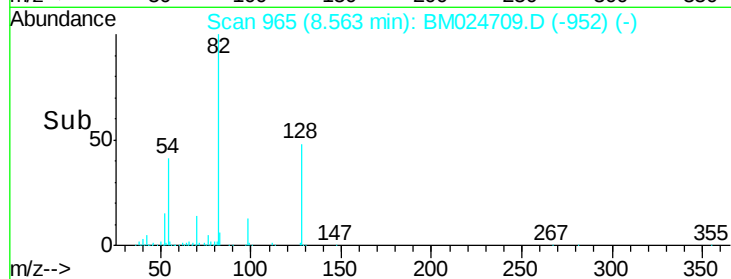
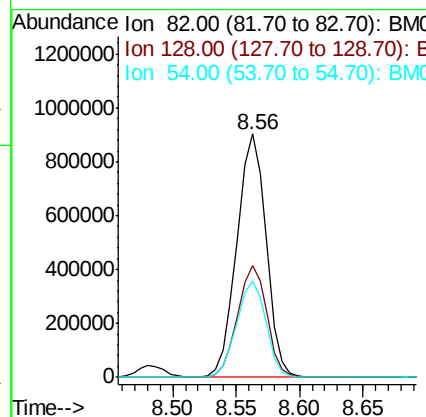
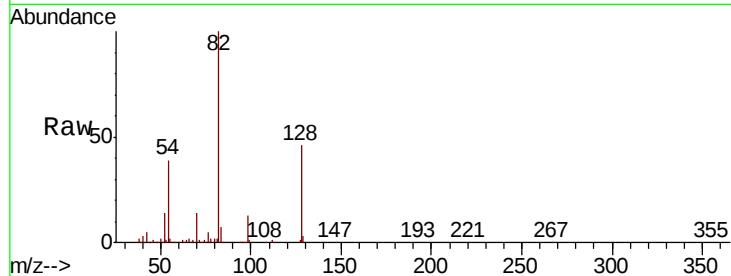
8.23



#23
 Nitrobenzene-d5
 Concen: 74.361 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

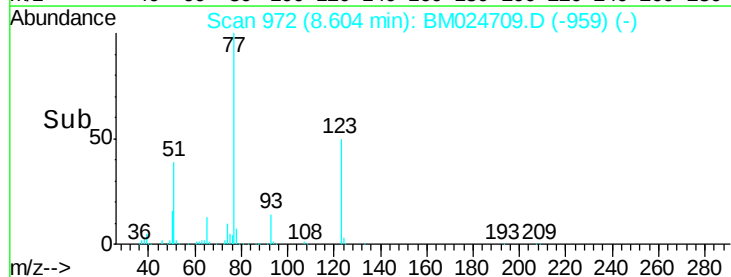
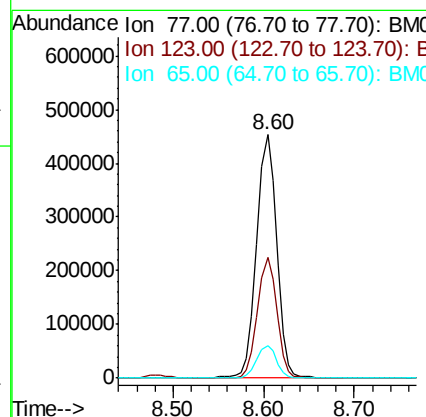
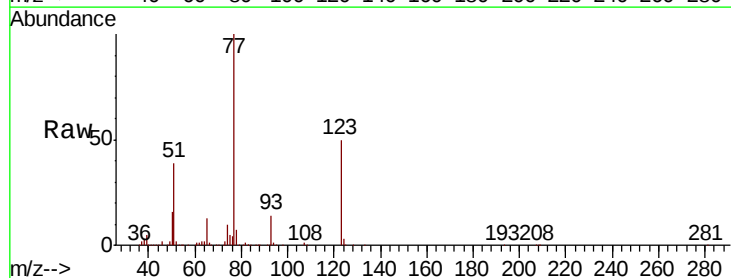
Instrument :
 BNA_M
 ClientSampled :

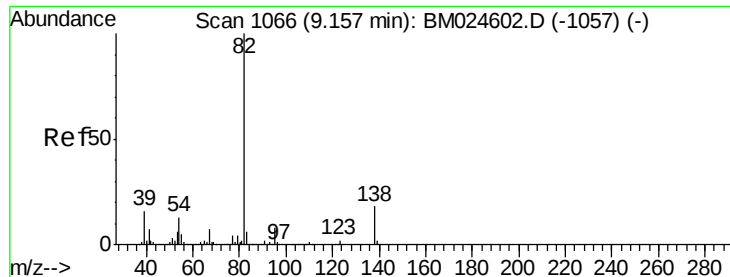
Tot Ion: 82 Resp: 1441821
 Ion Ratio Lower Upper
 82 100
 128 45.8 32.6 48.8
 54 39.5 34.8 52.2



#24
 Nitrobenzene
 Concen: 37.453 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion: 77 Resp: 695910
 Ion Ratio Lower Upper
 77 100
 123 49.8 34.6 52.0
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 36.532 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampled :

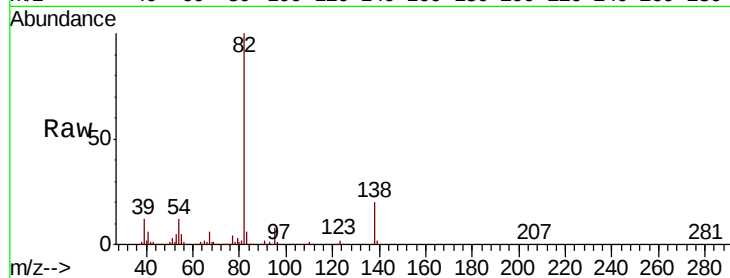
Tot Ion: 82 Resp: 1203566

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

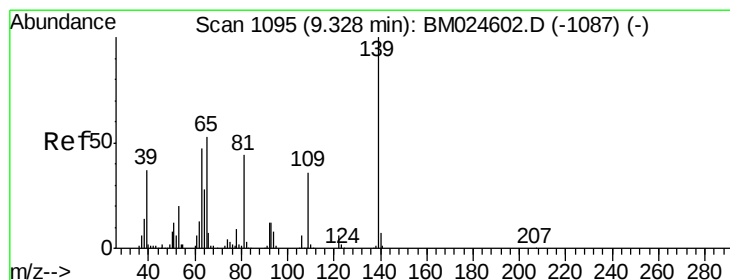
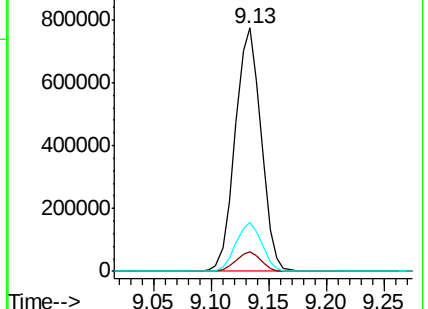
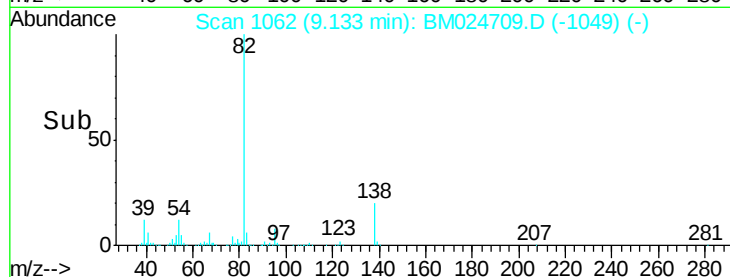
138 20.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024709.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024709.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024709.D (-1049) (-)



#26

2-Nitrophenol

Concen: 44.520 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

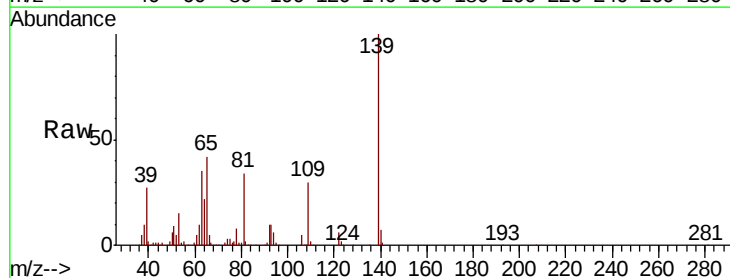
Tgt Ion: 139 Resp: 383040

Ion Ratio Lower Upper

139 100

109 29.8 28.8 43.2

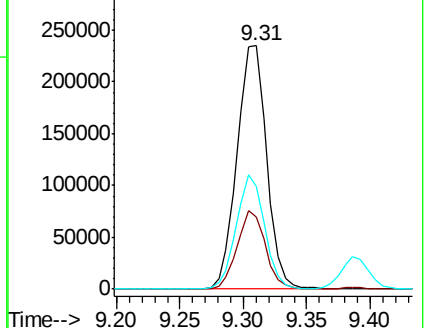
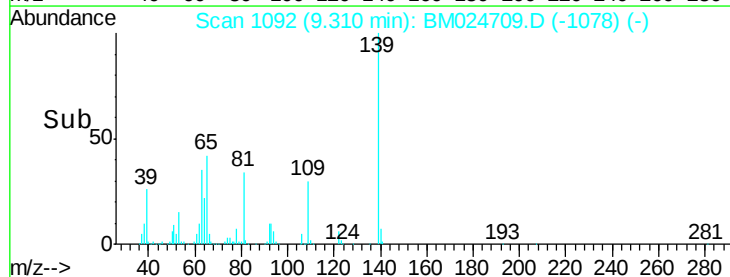
65 42.4 42.6 63.8#

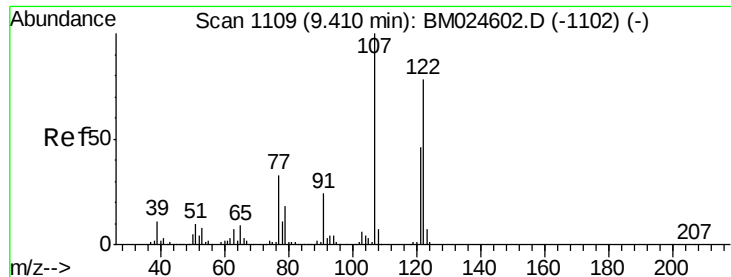


Abundance Ion 139.00 (138.70 to 139.70): BM024709.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024709.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024709.D (-1078) (-)

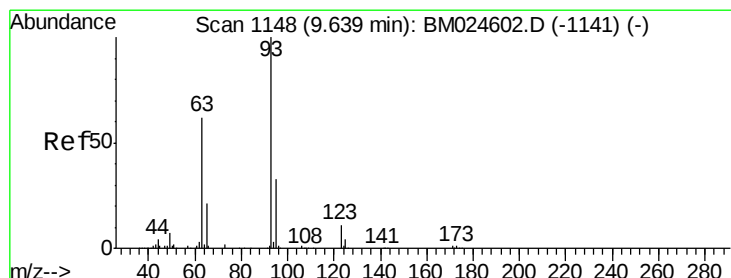
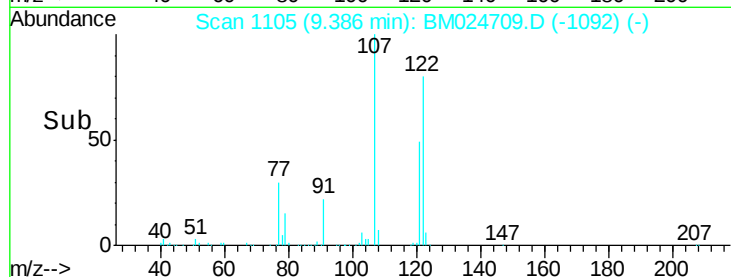
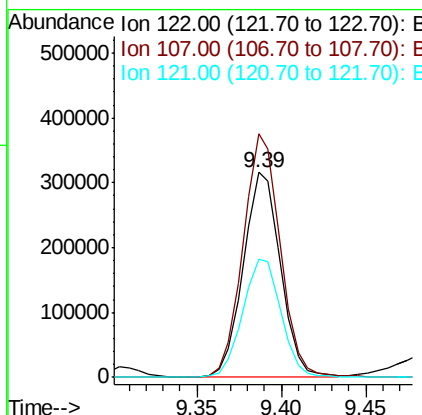
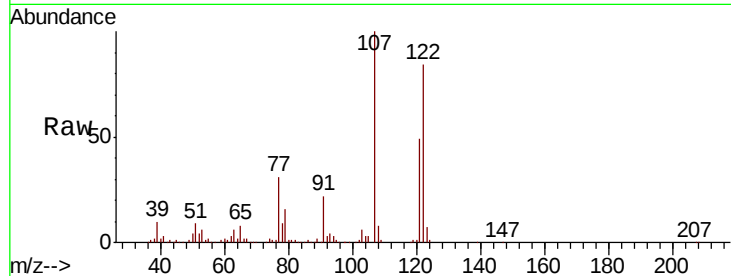




#27
2,4-Dimethylphenol
Concen: 41.650 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

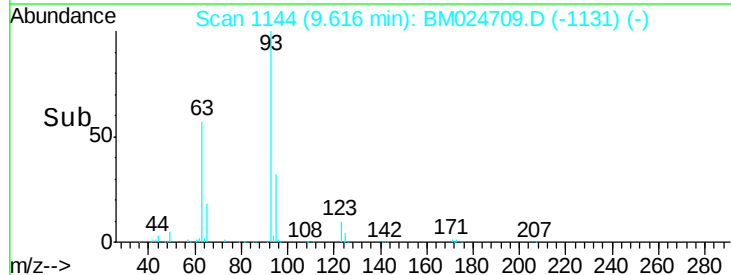
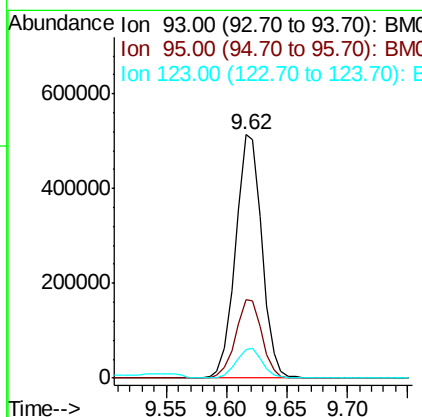
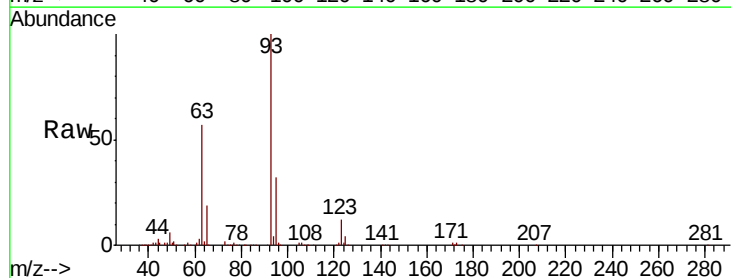
Instrument :
BNA_M
ClientSampleId :

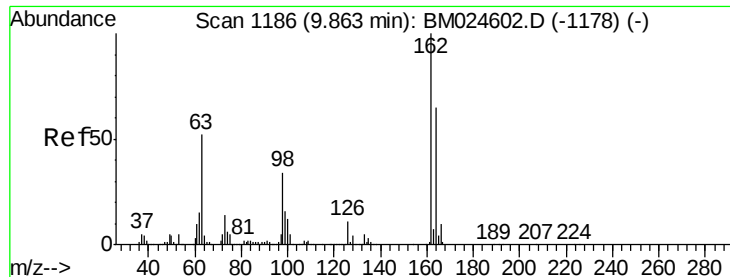
Tot Ion:122 Resp: 486953
Ion Ratio Lower Upper
122 100
107 118.9 102.5 153.7
121 58.0 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.704 ng
RT: 9.62 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion: 93 Resp: 778943
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.6 8.7 13.1

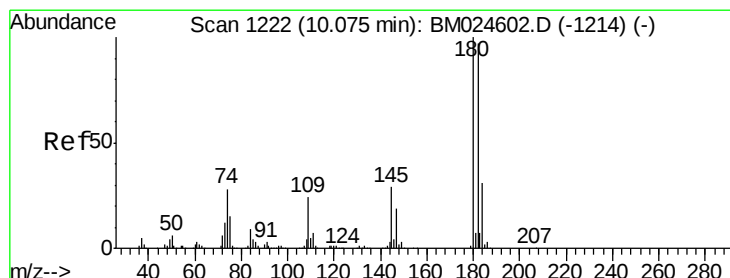
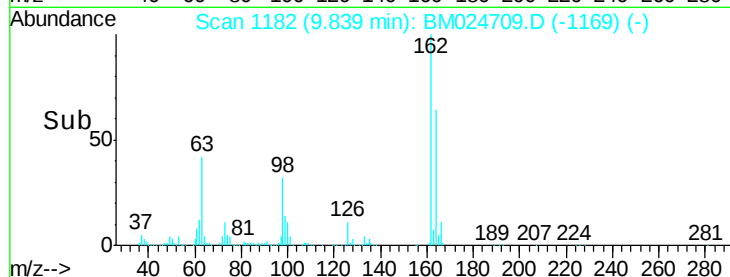
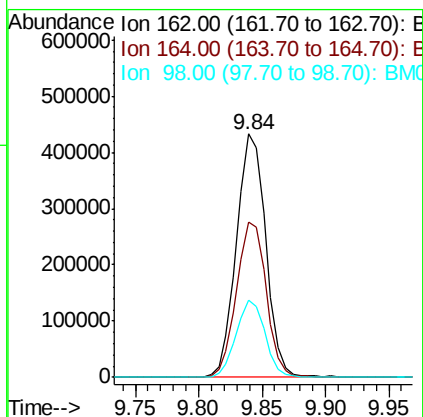
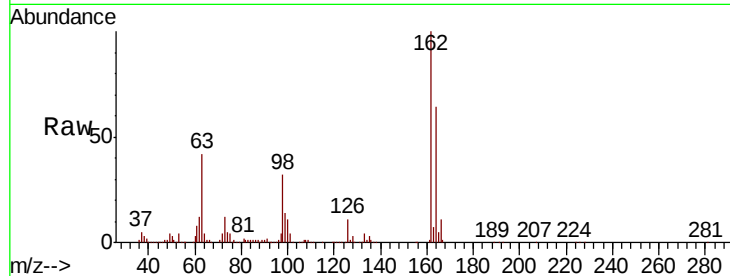




#29
 2,4-Dichlorophenol
 Concen: 44.020 ng
 RT: 9.84 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

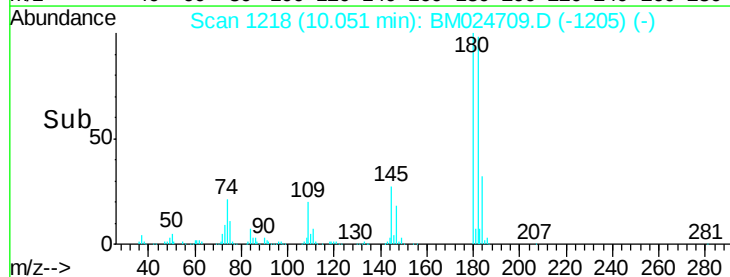
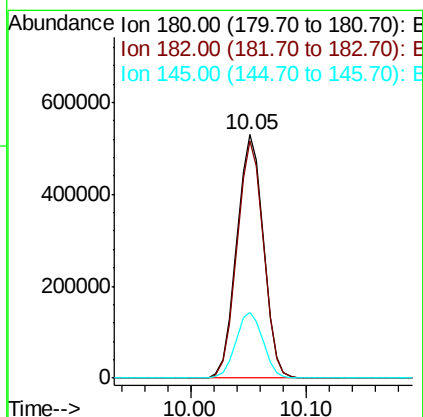
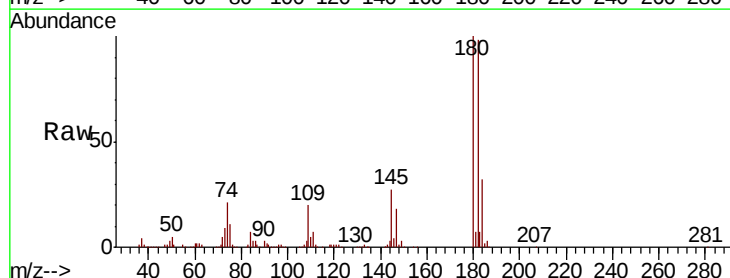
Instrument :
 BNA_M
 ClientSampled :

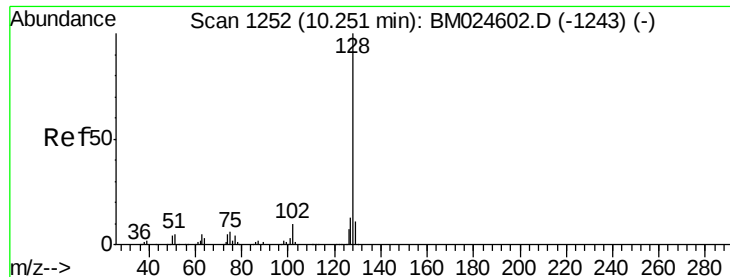
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.5	84.5
98	31.7	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.392 ng
 RT: 10.05 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.8	116.6
145	27.2	22.9	34.3

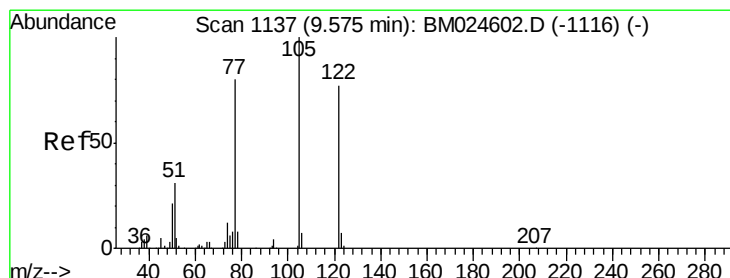
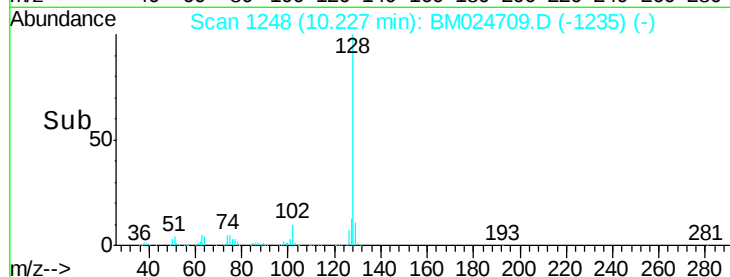
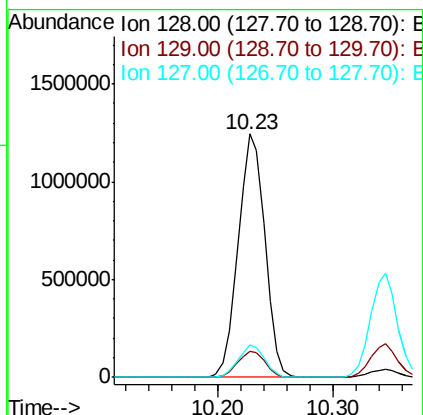
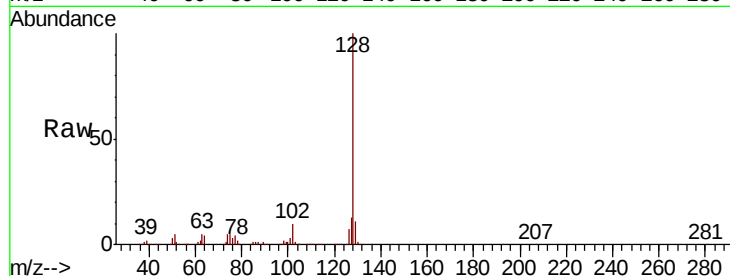




#31
Naphthalene
Concen: 41.614 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

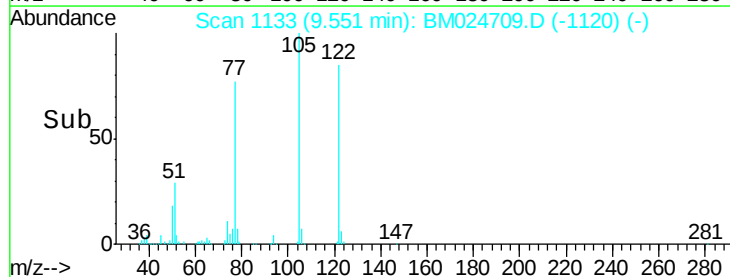
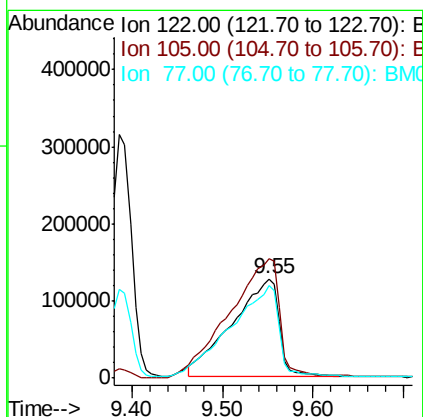
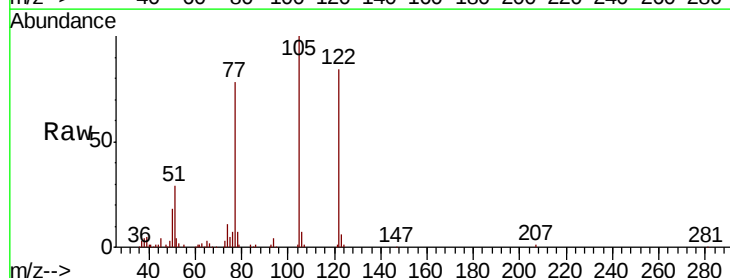
Instrument :
BNA_M
ClientSampleId :

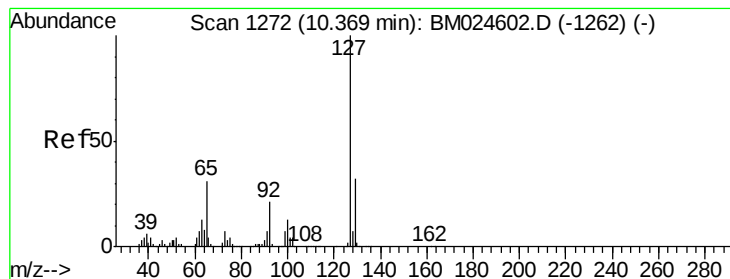
Tot Ion:128 Resp: 1998601
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.074 ng
RT: 9.55 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:122 Resp: 449988
Ion Ratio Lower Upper
122 100
105 119.7 107.7 147.7
77 92.8 83.8 123.8





#33

4-Chloroaniline

Concen: 41.179 ng

RT: 10.35 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:127 Resp: 866887

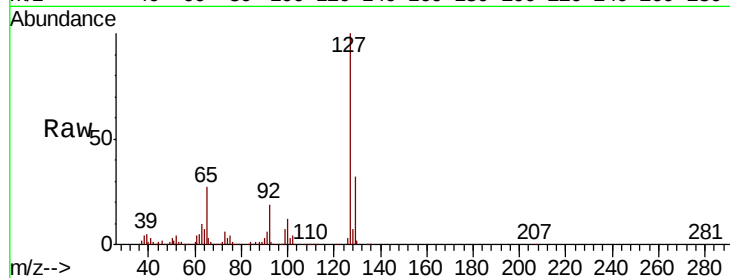
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.4 25.1 37.7

92 18.8 16.6 25.0

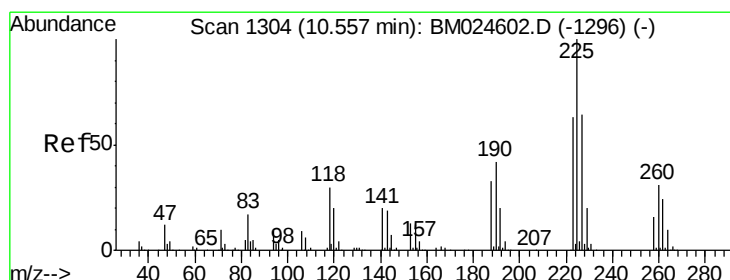
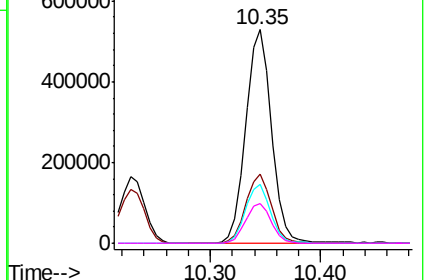
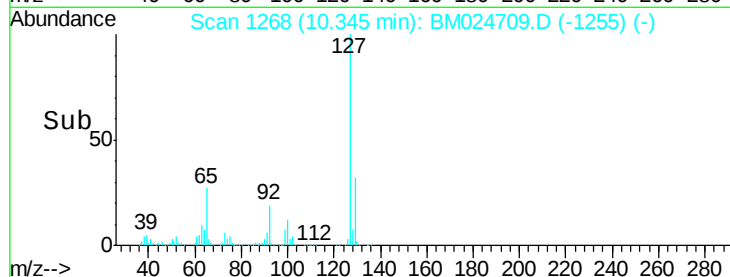


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 43.831 ng

RT: 10.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

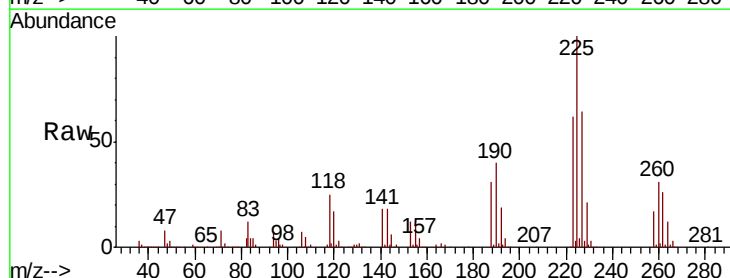
Tgt Ion:225 Resp: 577231

Ion Ratio Lower Upper

225 100

223 62.4 50.7 76.1

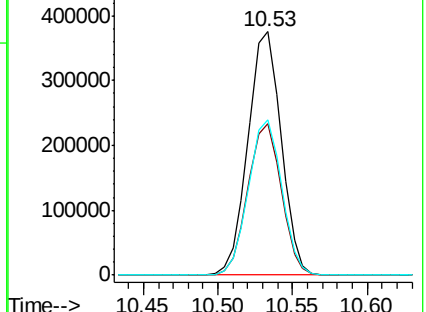
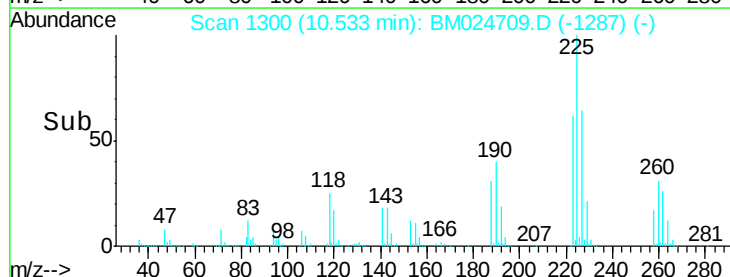
227 63.7 51.4 77.0

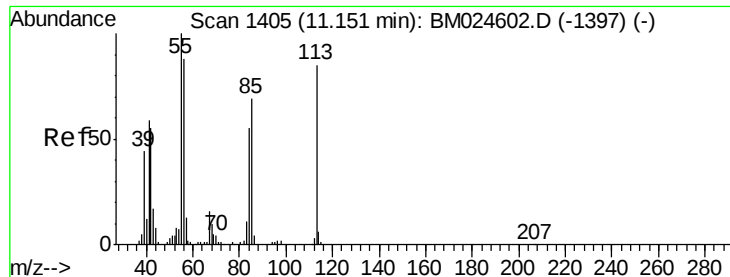


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.609 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampled :

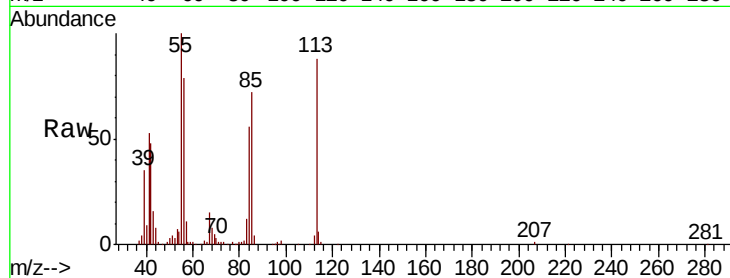
Tot Ion:113 Resp: 200730

Ion Ratio Lower Upper

113 100

55 113.6 97.5 137.5

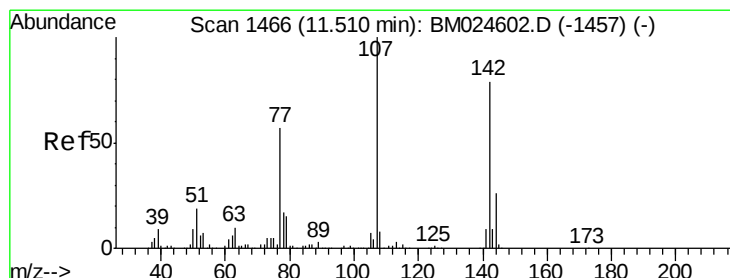
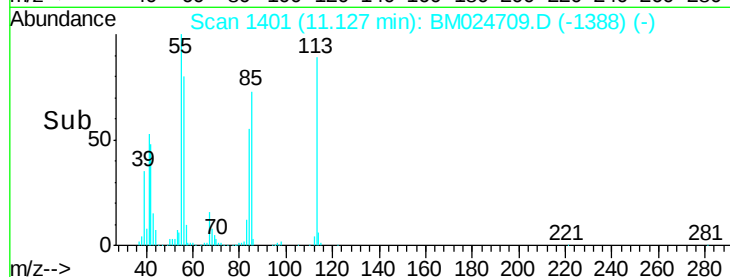
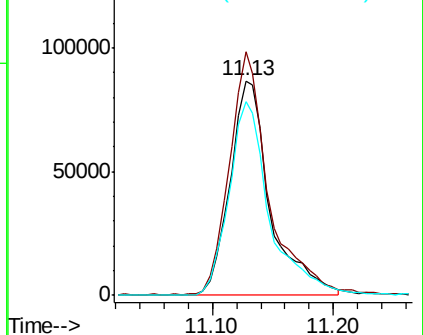
56 90.3 83.4 123.4



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: 38.217 ng

RT: 11.49 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

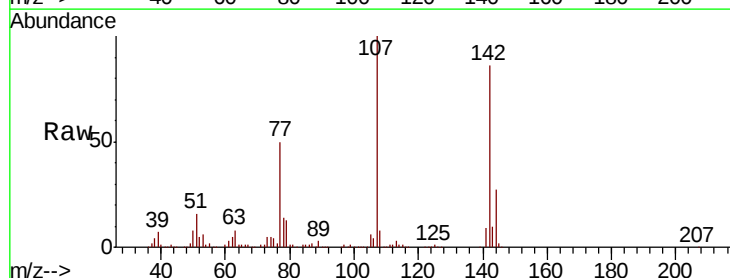
Tgt Ion:107 Resp: 641897

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

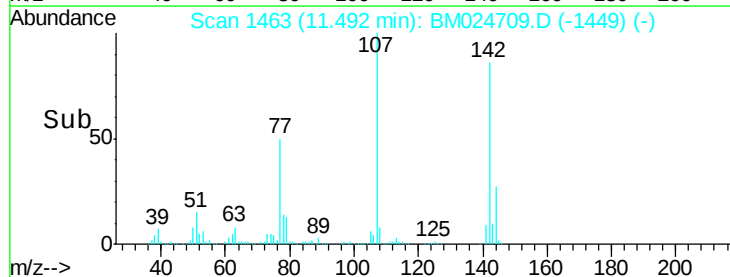
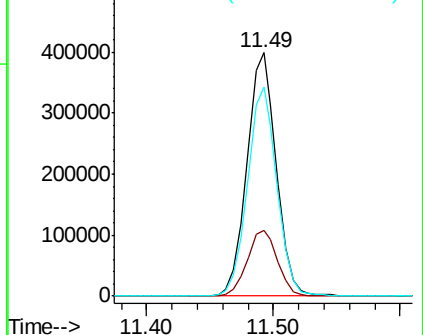
142 85.9 62.8 94.2

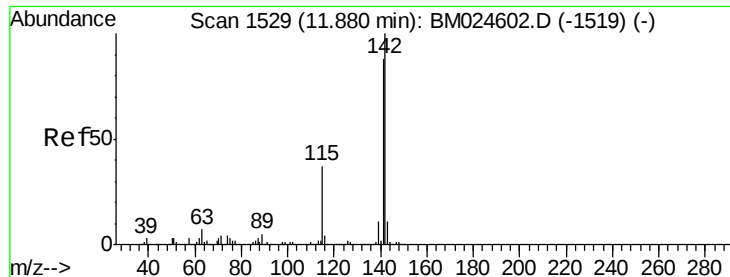


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

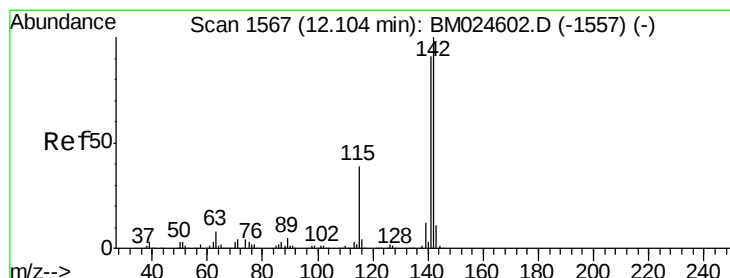
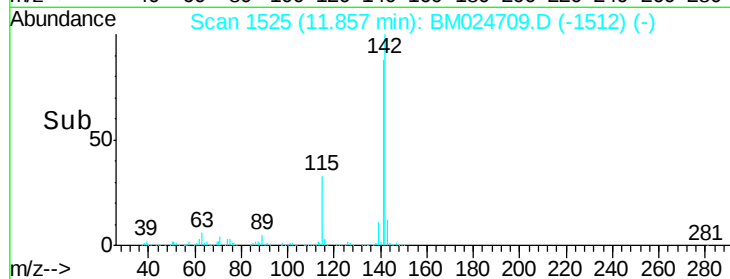
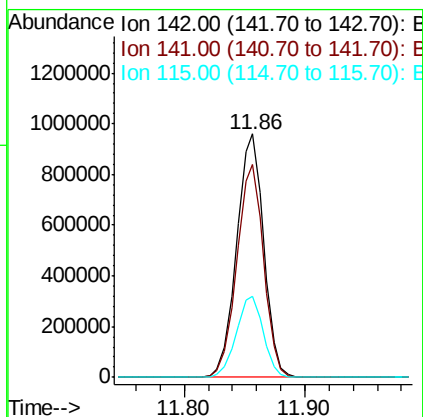
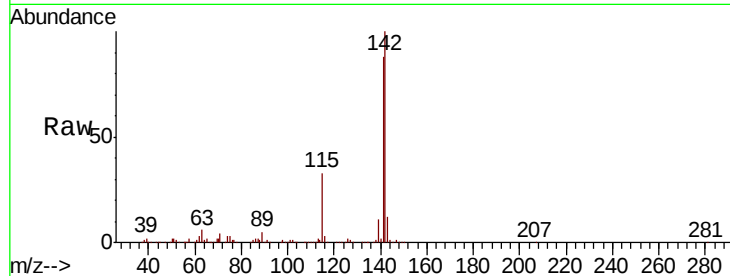




#37
 2-Methylnaphthalene
 Concen: 40.374 ng
 RT: 11.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

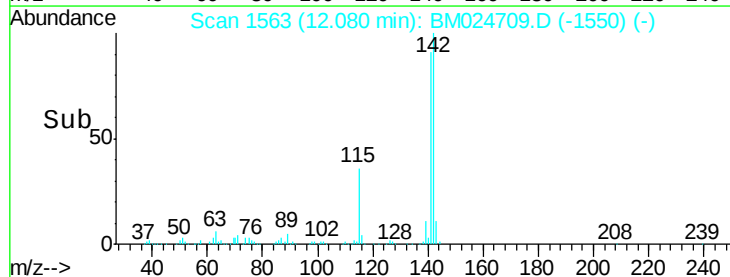
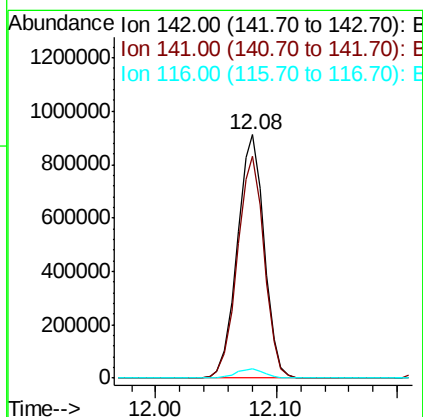
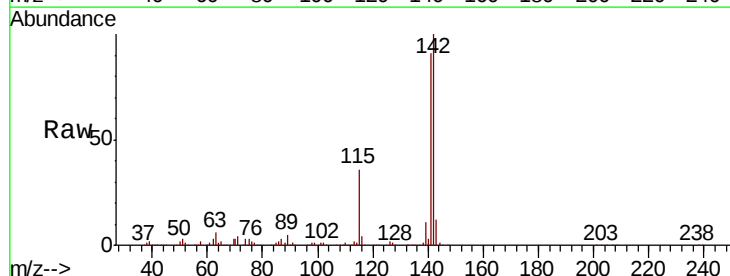
Instrument :
 BNA_M
 ClientSampleId :

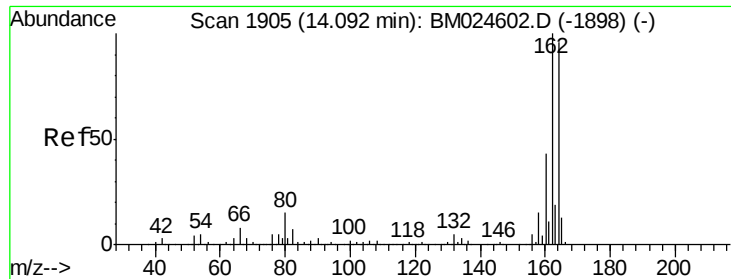
Tot Ion:142 Resp: 1496370
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.2 105.2
 115 33.1 29.7 44.5



#38
 1-Methylnaphthalene
 Concen: 40.149 ng
 RT: 12.08 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:142 Resp: 1415473
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.8 109.2
 116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

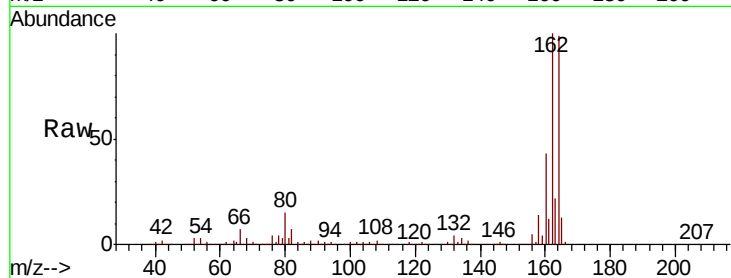
Tot Ion:164 Resp: 637092

Ion Ratio Lower Upper

164 100

162 101.3 82.9 124.3

160 43.7 35.5 53.3

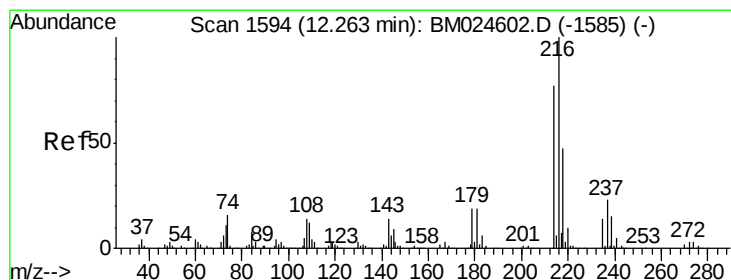
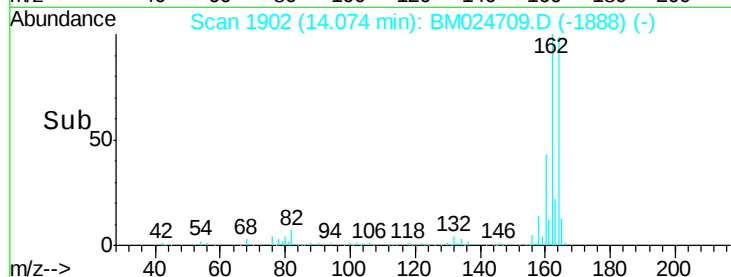
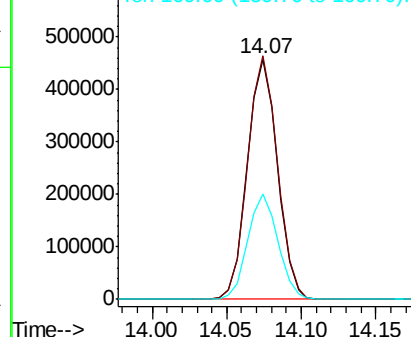


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.982 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Tgt Ion:216 Resp: 977322

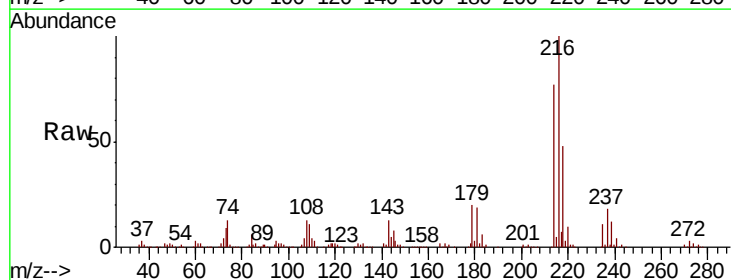
Ion Ratio Lower Upper

216 100

214 78.7 62.3 93.5

179 19.9 16.1 24.1

108 13.7 13.0 19.6



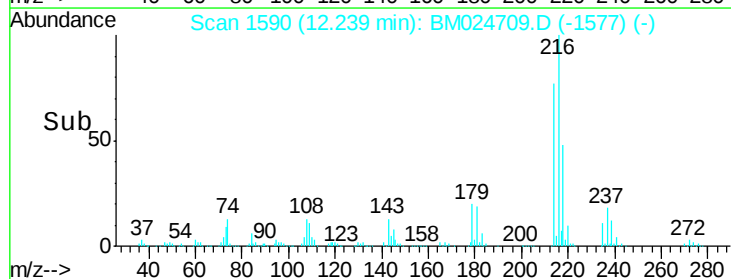
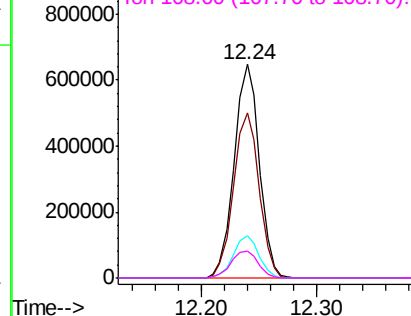
Abundance

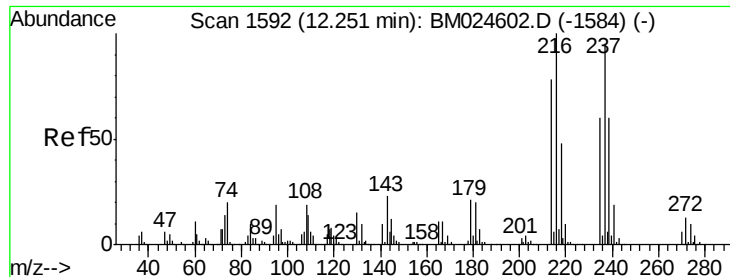
Ion 216.00 (215.70 to 216.70): E

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: 37.107 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

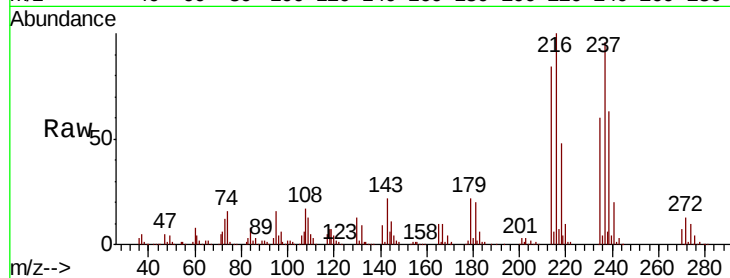
Tot Ion:237 Resp: 472932

Ion Ratio Lower Upper

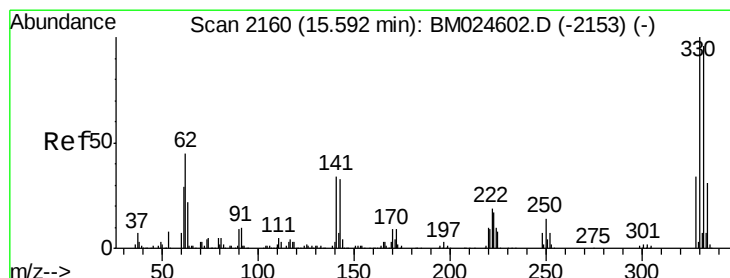
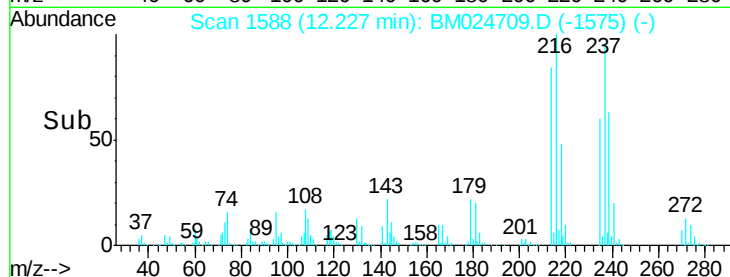
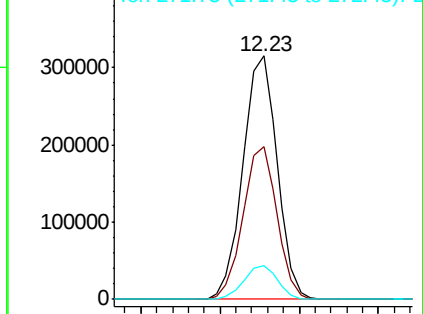
237 100

235 62.7 43.3 83.3

272 13.7 0.0 33.4



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: 87.815 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

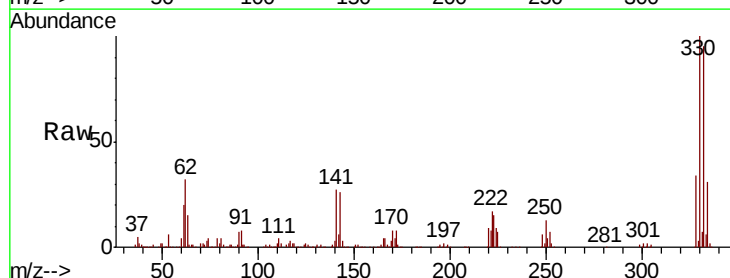
Tgt Ion:330 Resp: 910052

Ion Ratio Lower Upper

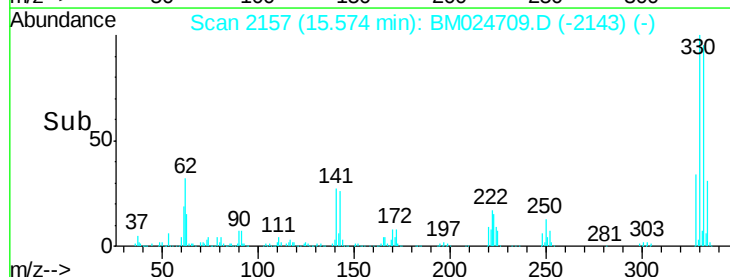
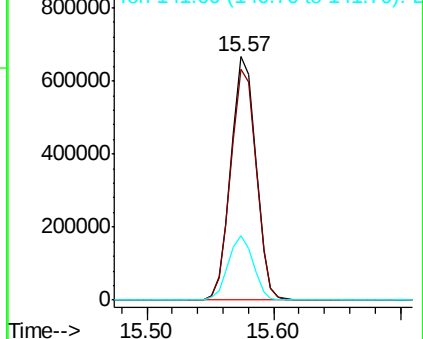
330 100

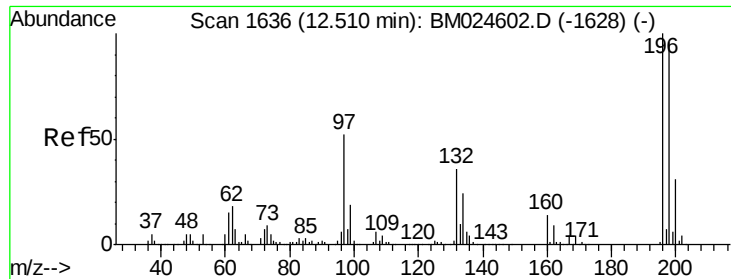
332 96.6 77.2 115.8

141 26.6 26.9 40.3#



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

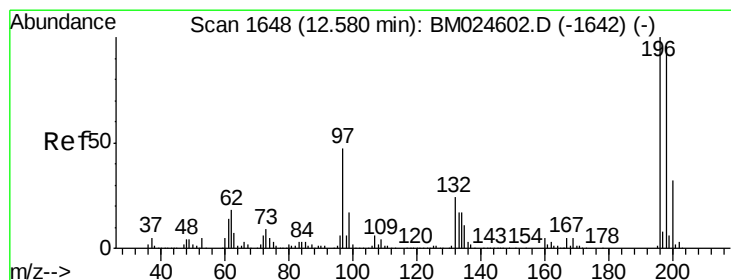
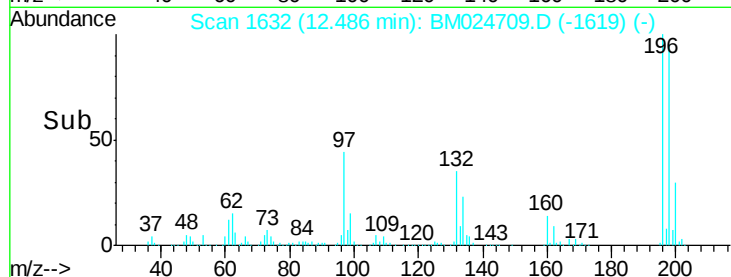
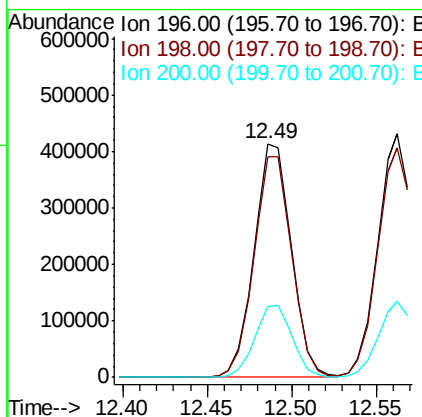
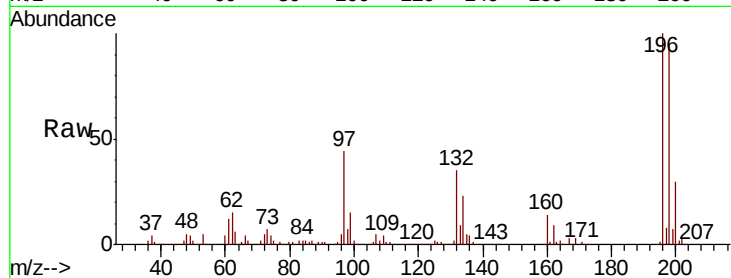




#43
 2,4,6-Trichlorophenol
 Concen: 43.815 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

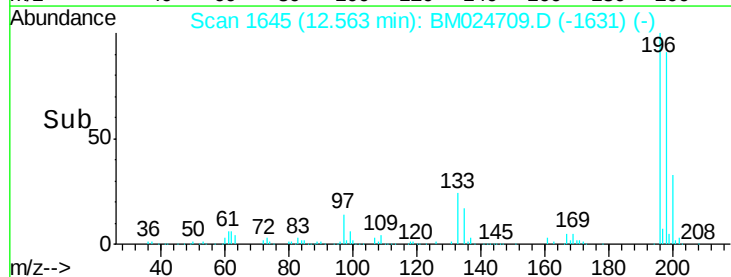
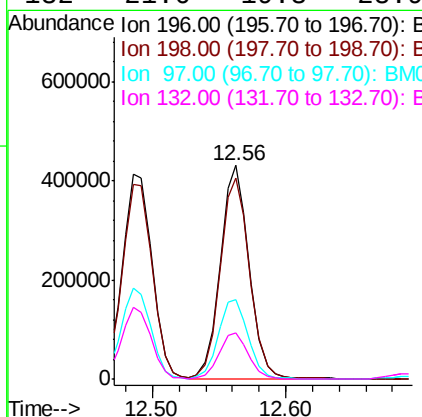
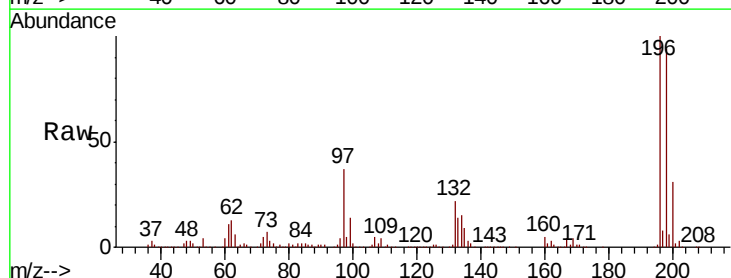
Instrument :
 BNA_M
 ClientSampleId :

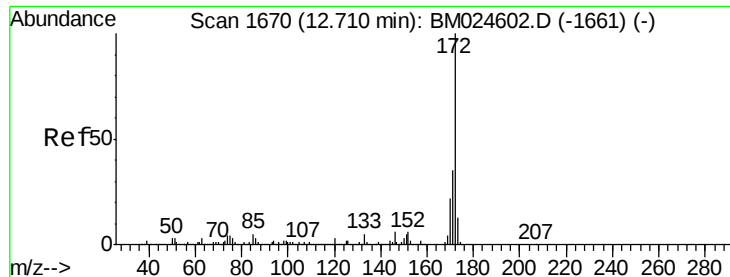
Tot Ion:196 Resp: 633982
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.5 114.7
 200 30.1 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.756 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:196 Resp: 646595
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.2 115.8
 97 37.2 37.4 56.0#
 132 21.6 19.3 28.9

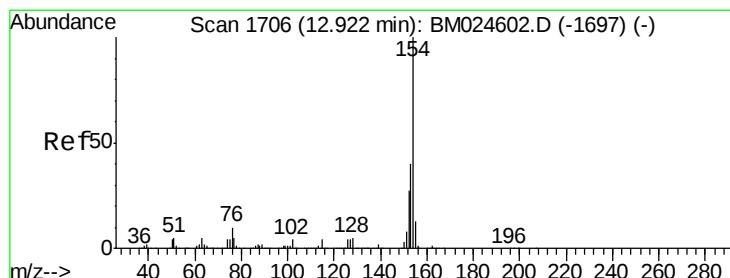
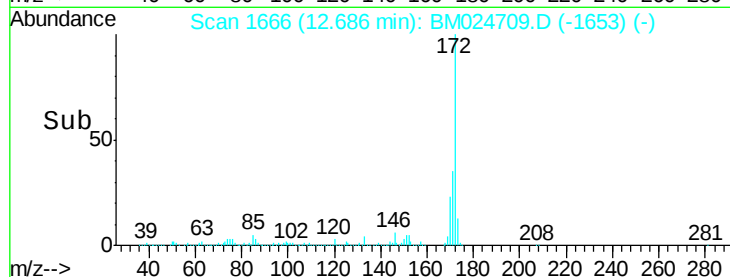
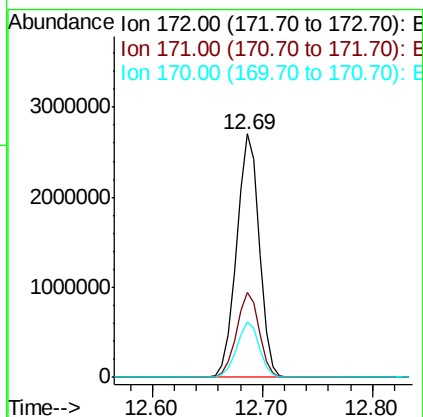
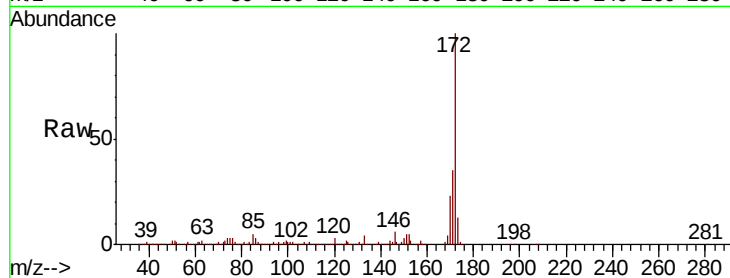




#45
2-Fluorobiphenyl
Concen: 83.171 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

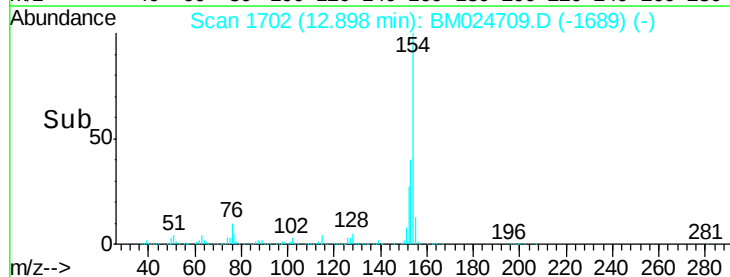
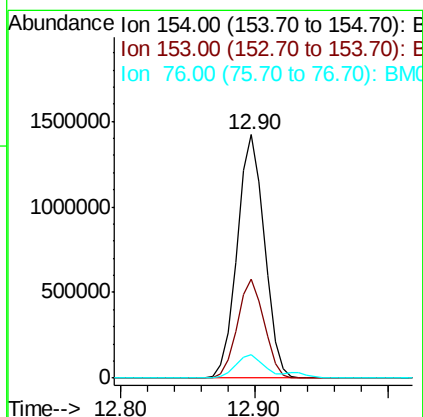
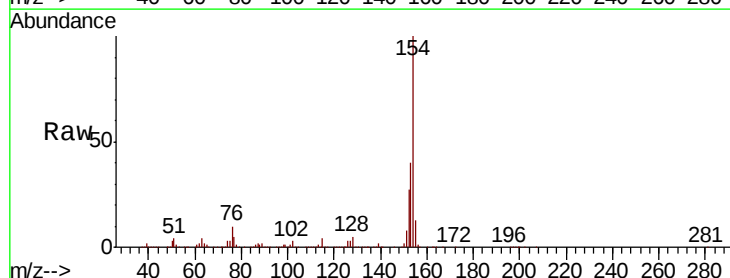
Instrument :
BNA_M
ClientSampleId :

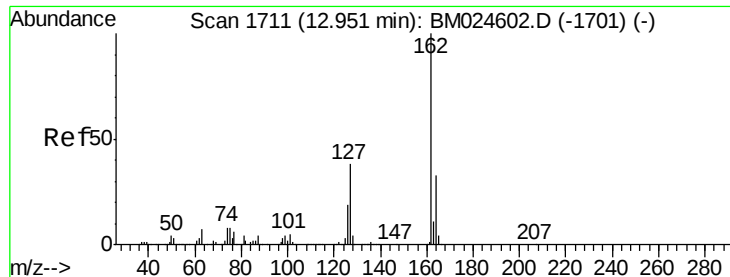
Tot Ion:172 Resp: 3897562
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.6 17.9 26.9



#46
1,1'-Biphenyl
Concen: 41.712 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:154 Resp: 2011100
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 9.8 0.0 30.5

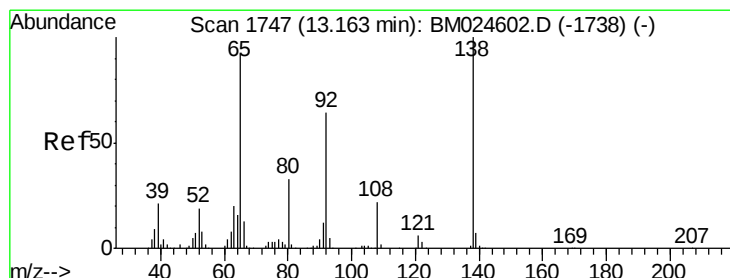
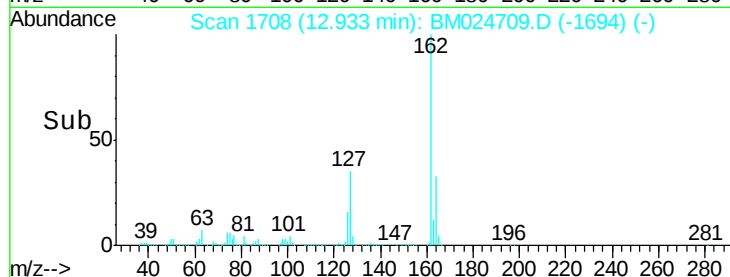
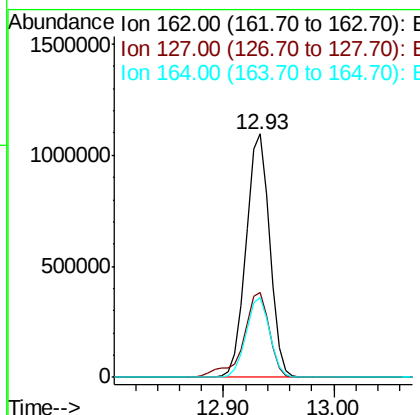
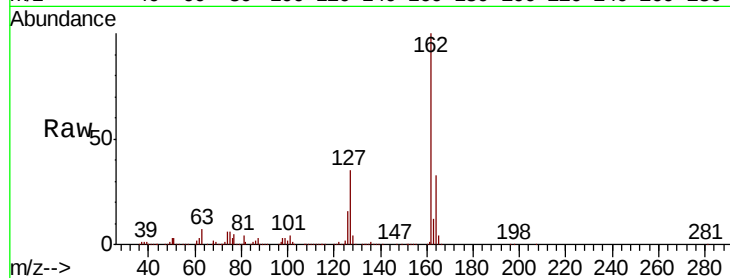




#47
 2-Chloronaphthalene
 Concen: 42.507 ng
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

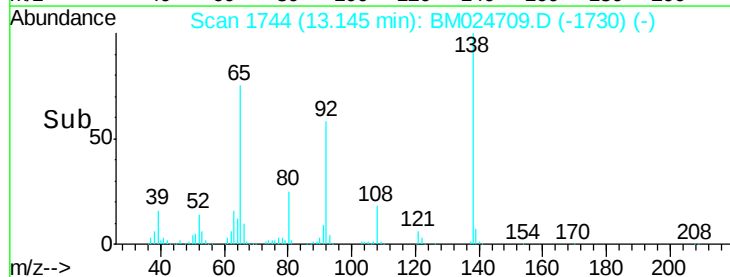
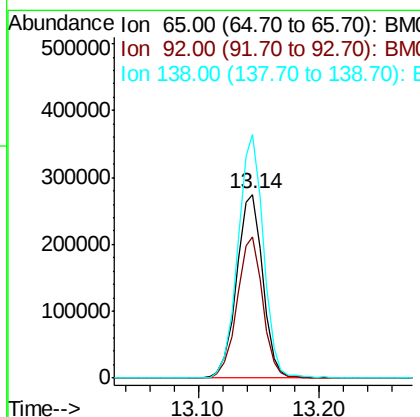
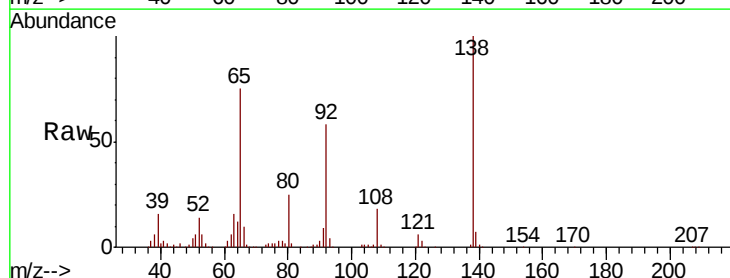
Instrument :
 BNA_M
 ClientSampled :

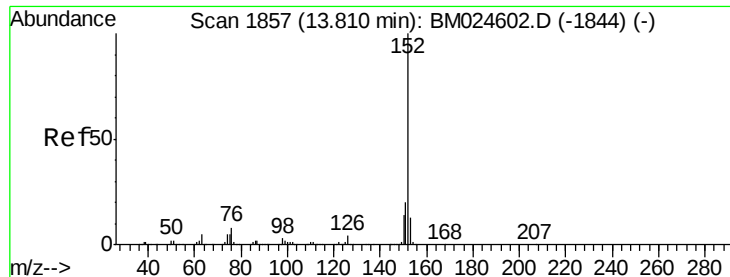
Tot Ion:162 Resp: 1654522
 Ion Ratio Lower Upper
 162 100
 127 34.7 30.4 45.6
 164 33.0 26.5 39.7



#48
 2-Nitroaniline
 Concen: 35.146 ng
 RT: 13.14 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion: 65 Resp: 417230
 Ion Ratio Lower Upper
 65 100
 92 76.9 55.4 83.2
 138 132.7 86.6 129.8#





#49

Acenaphthylene

Concen: 41.666 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

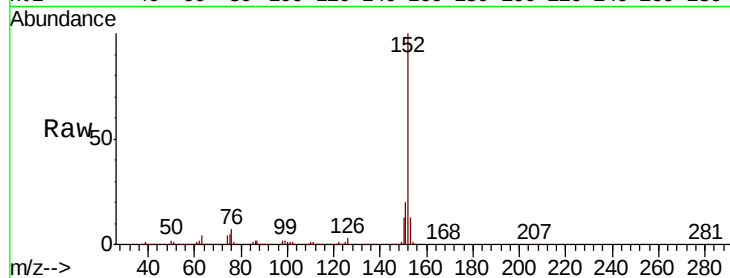
Tot Ion:152 Resp: 2427786

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

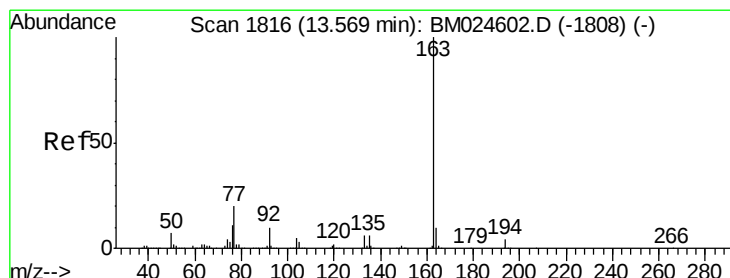
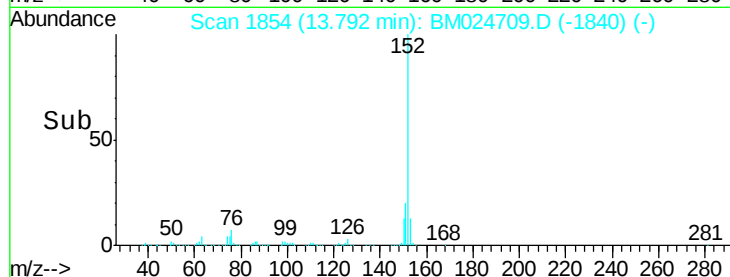
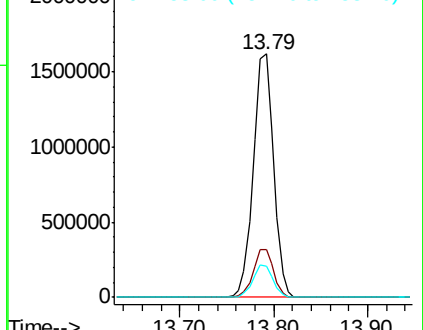
153 13.0 10.4 15.6



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: 39.975 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

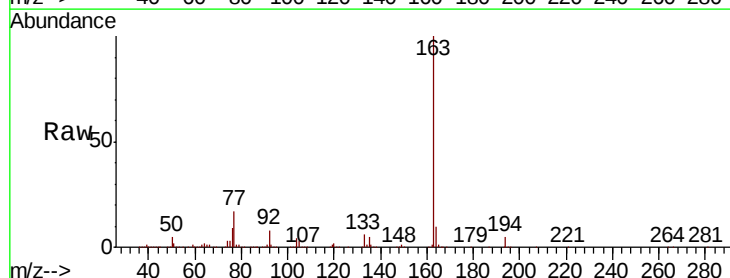
Tgt Ion:163 Resp: 2059395

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

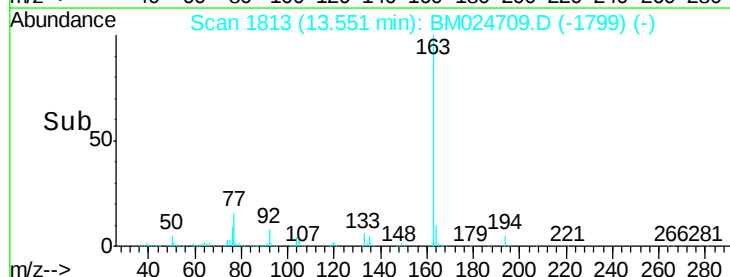
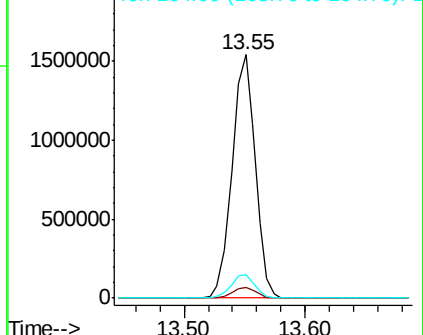
164 9.7 8.0 12.0

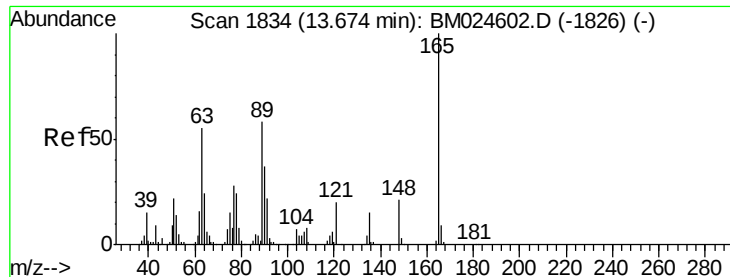


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

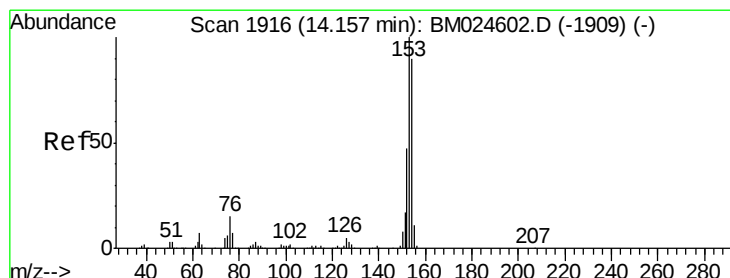
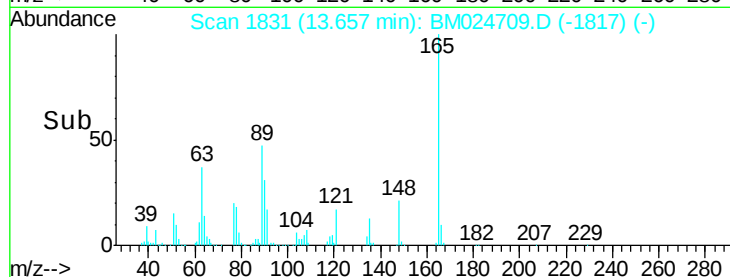
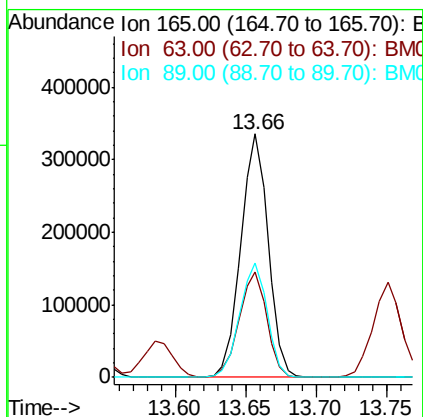
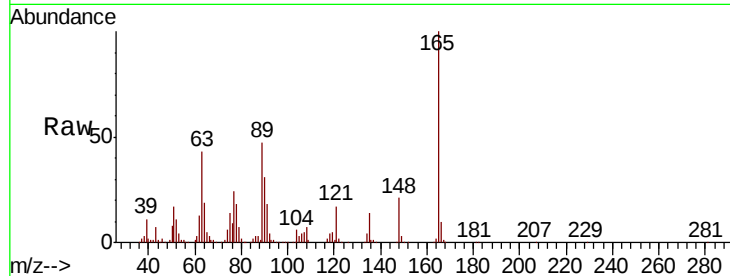




#51
 2,6-Dinitrotoluene
 Concen: 41.517 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

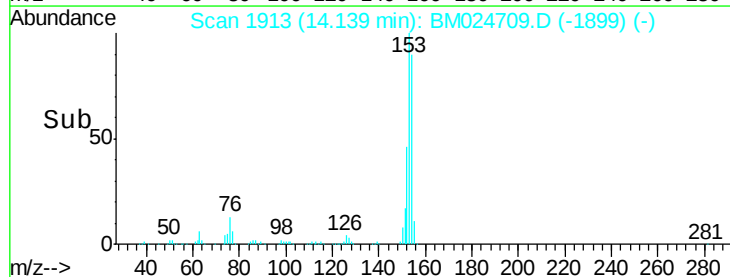
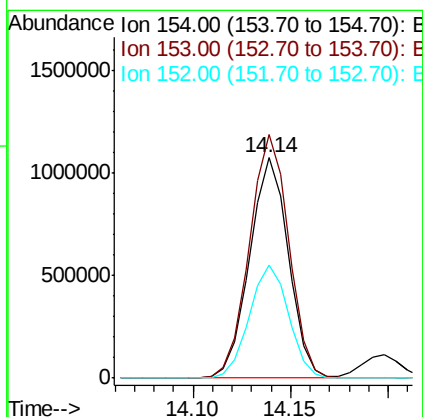
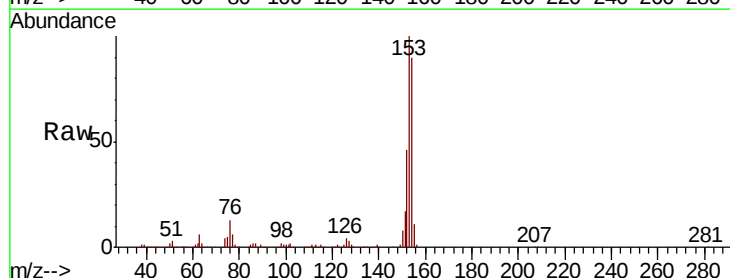
Instrument :
 BNA_M
 ClientSampled :

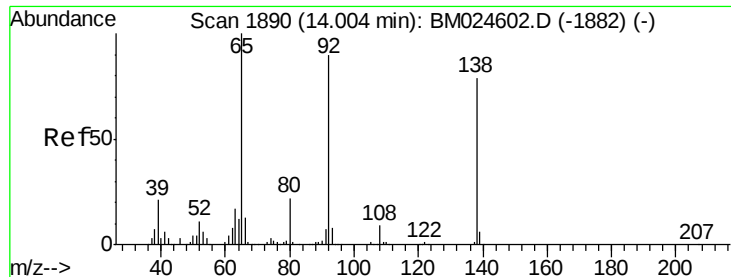
Tot Ion:165 Resp: 454726
 Ion Ratio Lower Upper
 165 100
 63 43.2 45.4 68.0#
 89 47.1 46.6 69.8



#52
 Acenaphthene
 Concen: 41.071 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:154 Resp: 1484989
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.1 133.7
 152 51.4 41.9 62.9

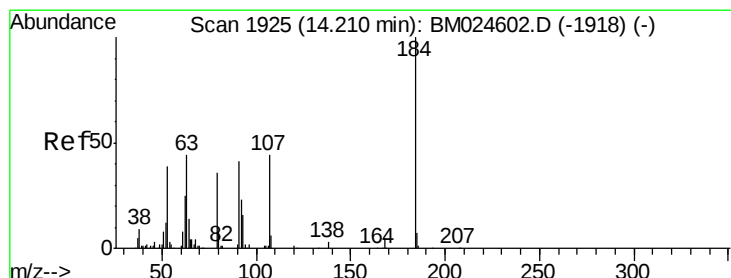
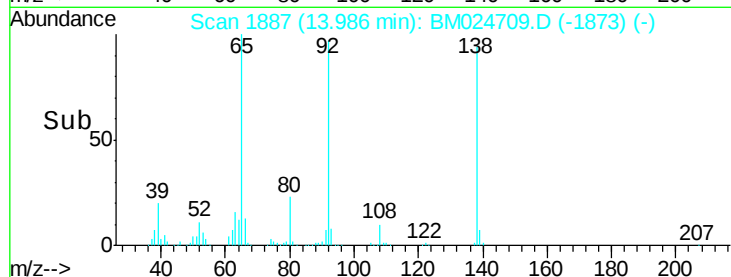
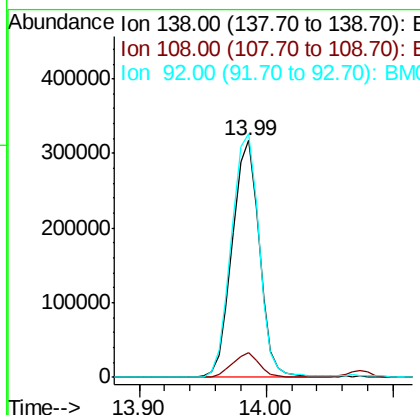
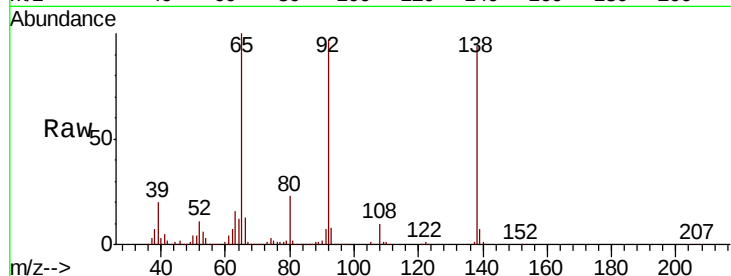




#53
 3-Nitroaniline
 Concen: 41.598 ng
 RT: 13.99 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

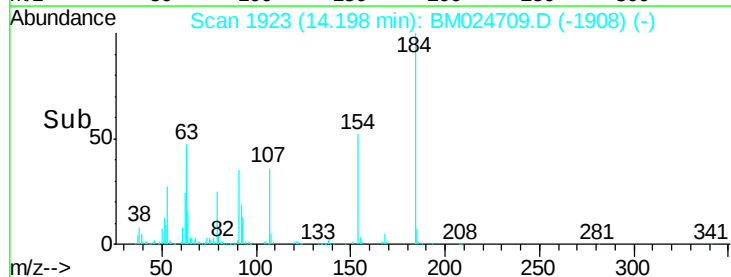
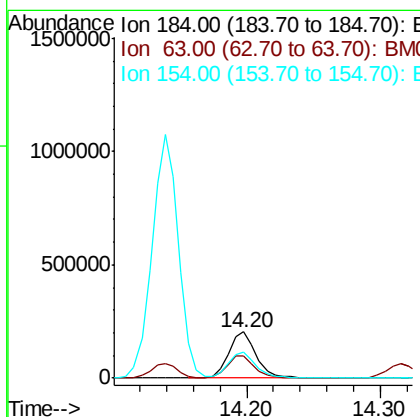
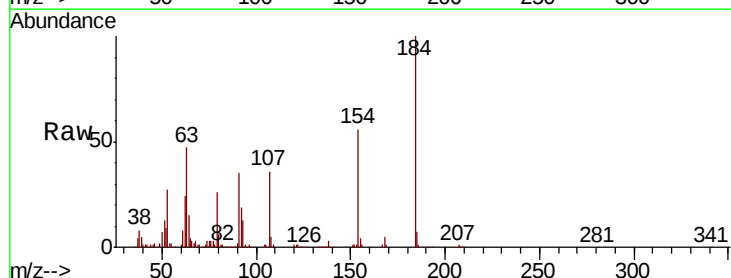
Instrument :
 BNA_M
 ClientSampleId :

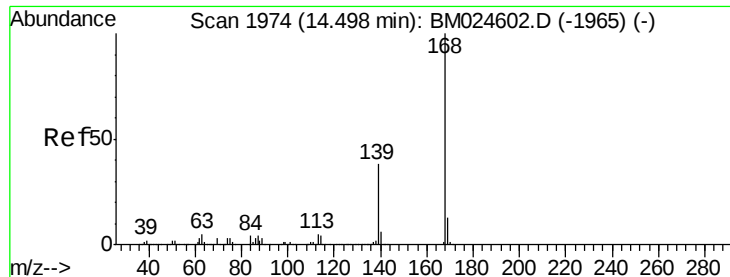
Tot Ion:138 Resp: 472553
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.7 13.1
 92 102.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 44.357 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:184 Resp: 290528
 Ion Ratio Lower Upper
 184 100
 63 47.0 51.8 77.8#
 154 56.1 50.2 75.4





#55

Dibenzofuran

Concen: 41.087 ng

RT: 14.48 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

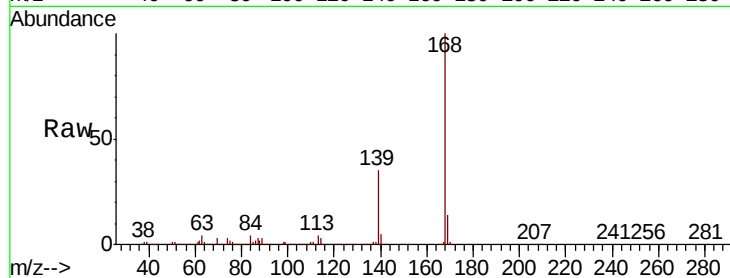
Tot Ion:168 Resp: 2422769

Ion Ratio Lower Upper

168 100

139 34.7 30.2 45.4

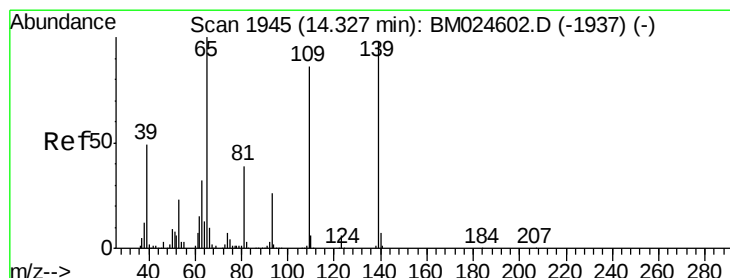
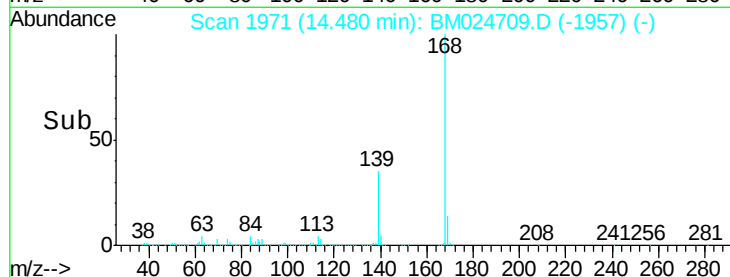
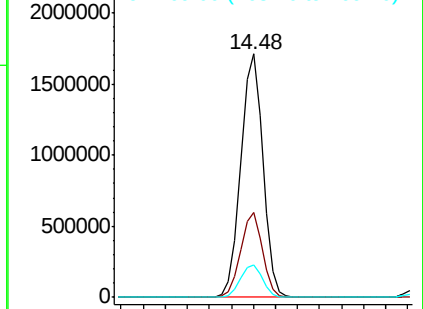
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.844 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

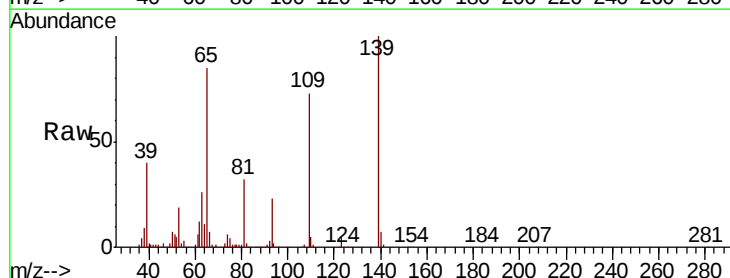
Tgt Ion:139 Resp: 380450

Ion Ratio Lower Upper

139 100

109 72.9 67.4 107.4

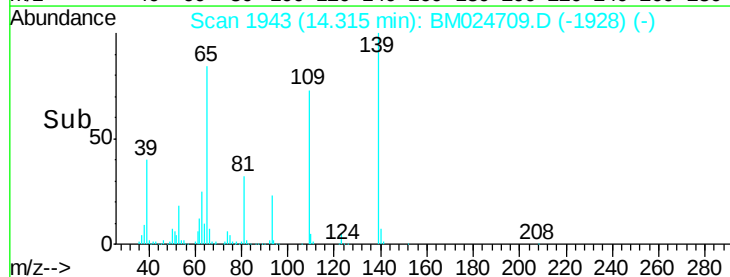
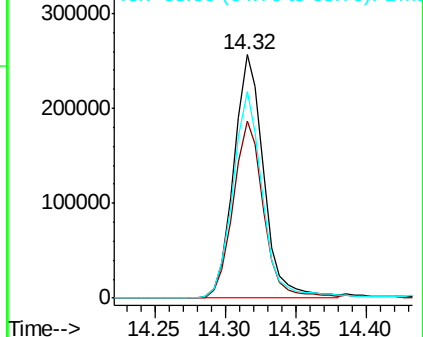
65 84.8 82.1 122.1

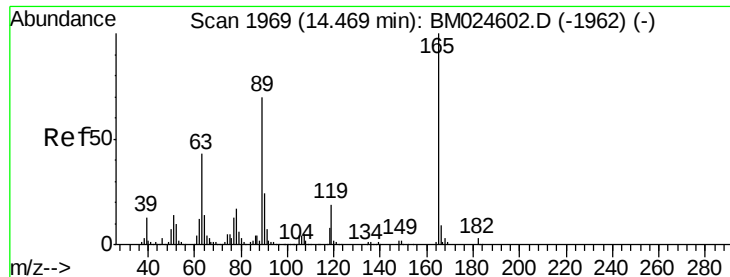


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 41.009 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 643732

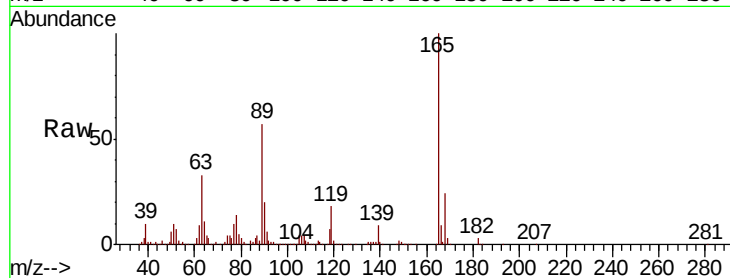
Ion Ratio Lower Upper

165 100

63 33.0 34.5 51.7#

89 57.3 55.8 83.8

182 3.1 2.3 3.5

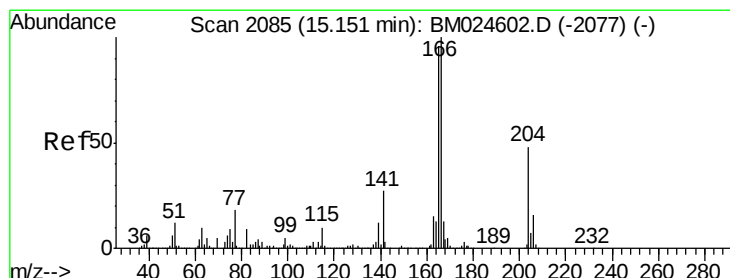
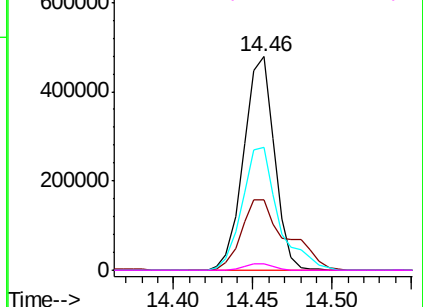
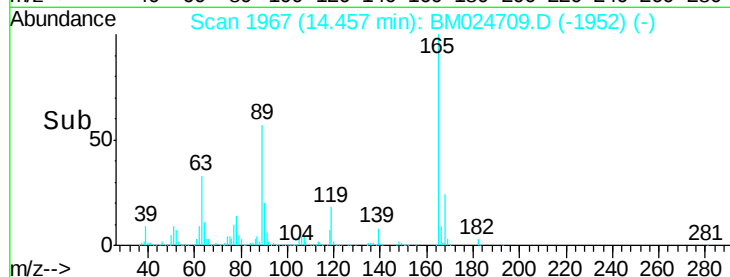


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.822 ng

RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

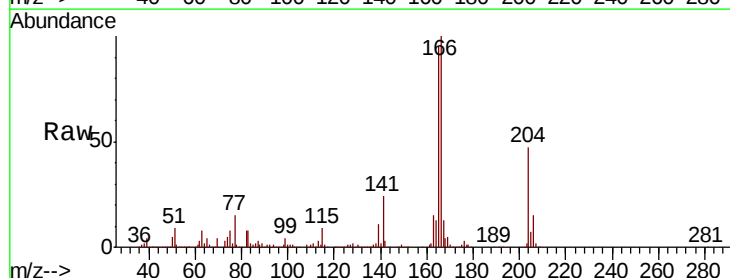
Tgt Ion:166 Resp: 1973352

Ion Ratio Lower Upper

166 100

165 94.7 76.6 114.8

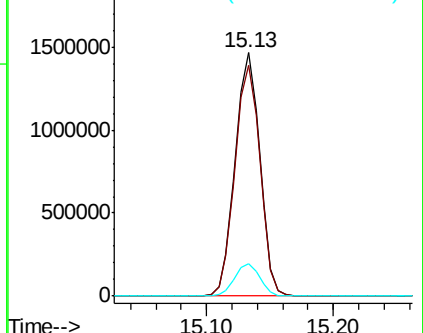
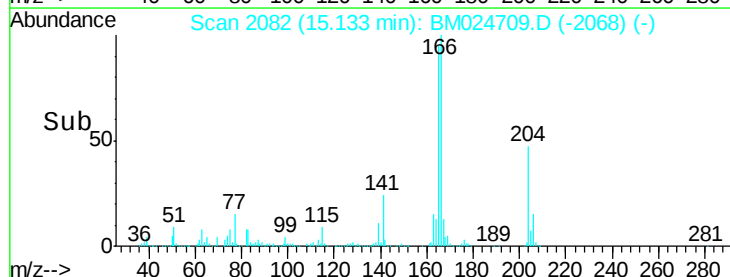
167 13.5 10.8 16.2

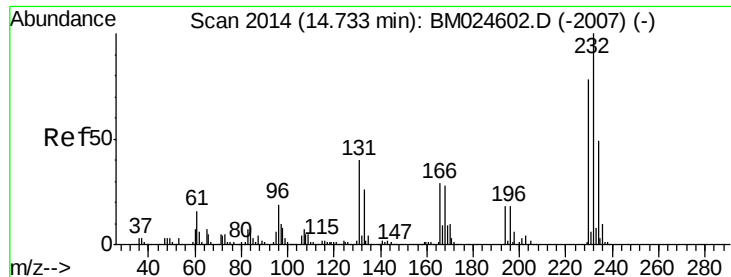


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

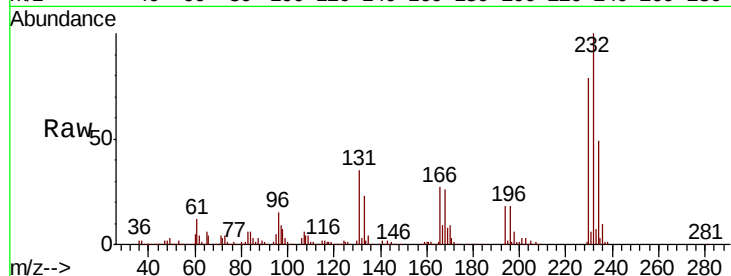




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.993 ng
 RT: 14.72 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.0	32.2	48.4
130	1.8	1.9	2.9
166	27.1	23.4	35.0

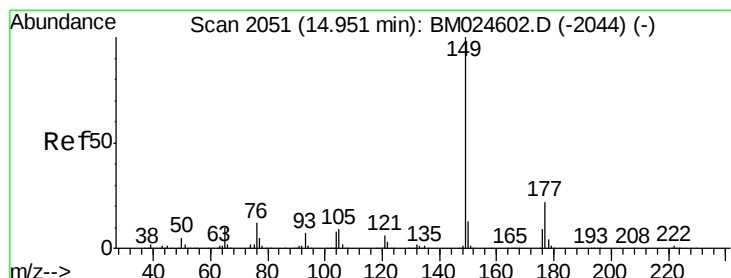
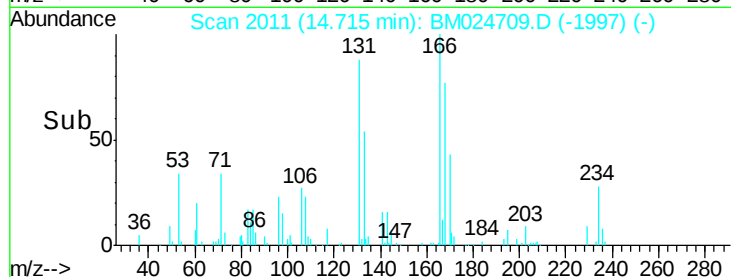
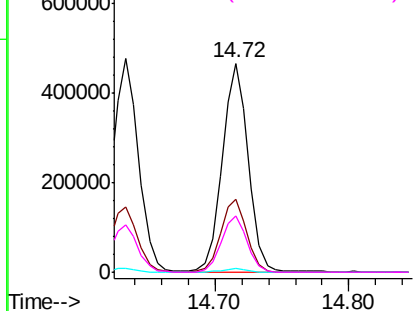


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

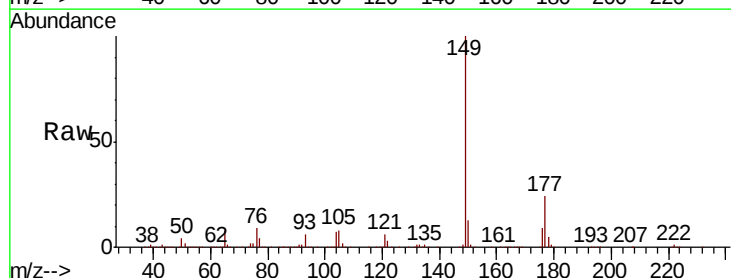
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.059 ng
 RT: 14.93 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

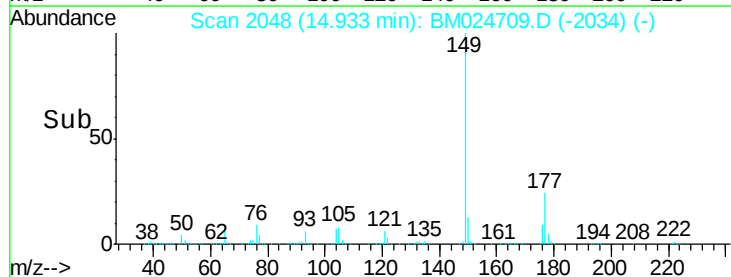
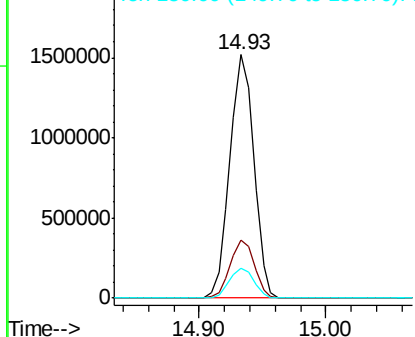
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.0	27.0
150	12.5	10.2	15.4

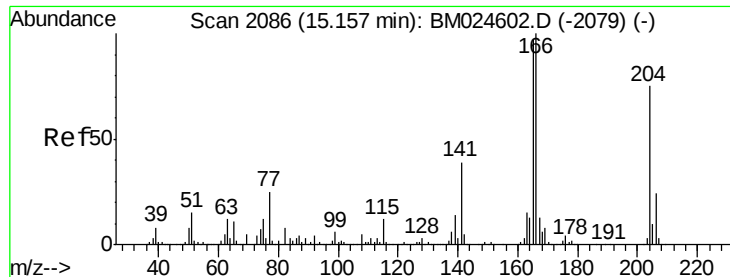


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

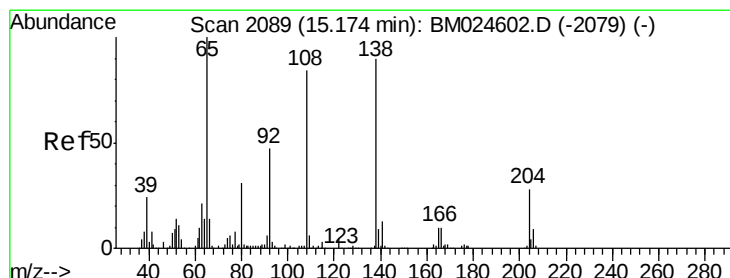
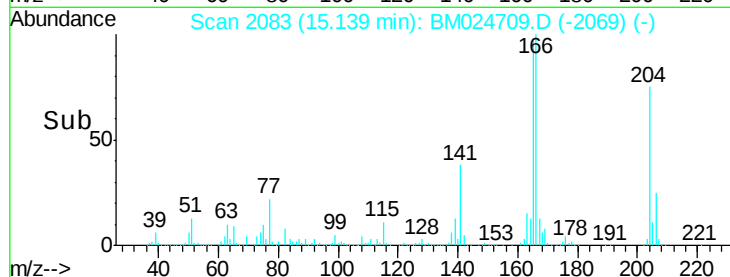
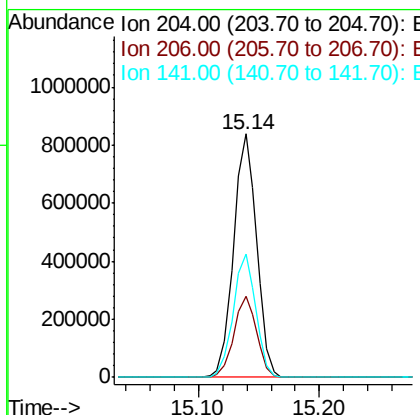
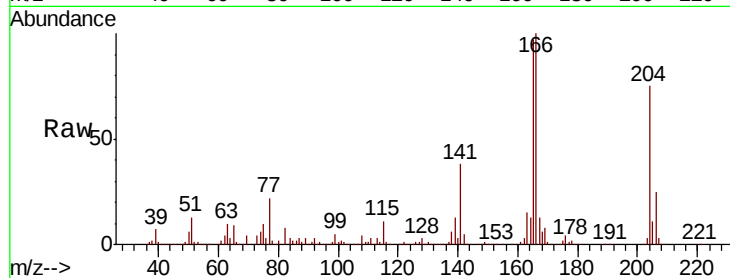




#61
 4-Chlorophenyl-phenylether
 Concen: 38.971 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

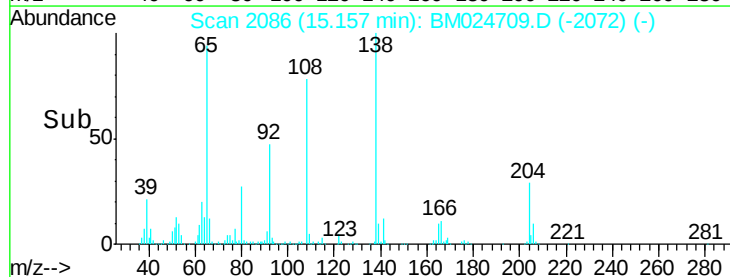
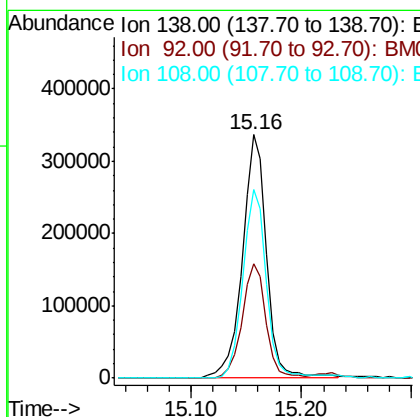
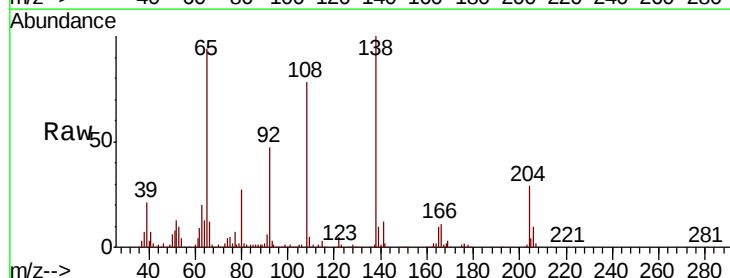
Instrument :
 BNA_M
 ClientSampled :

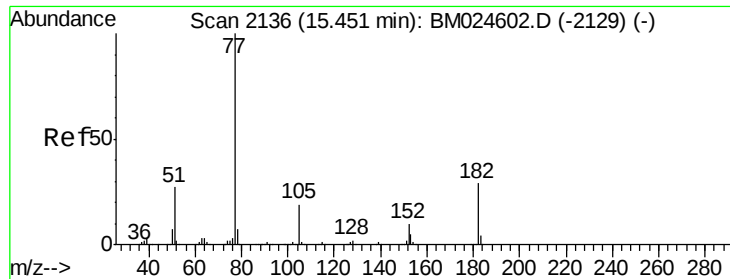
Tot Ion:204 Resp: 1113384
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.2 39.2
 141 50.8 42.2 63.2



#62
 4-Nitroaniline
 Concen: 41.276 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:138 Resp: 517577
 Ion Ratio Lower Upper
 138 100
 92 46.8 32.4 72.4
 108 77.6 73.3 113.3

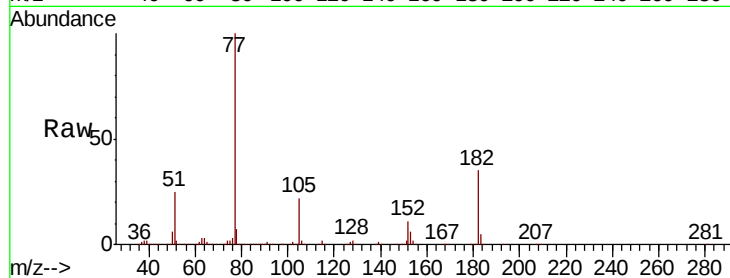




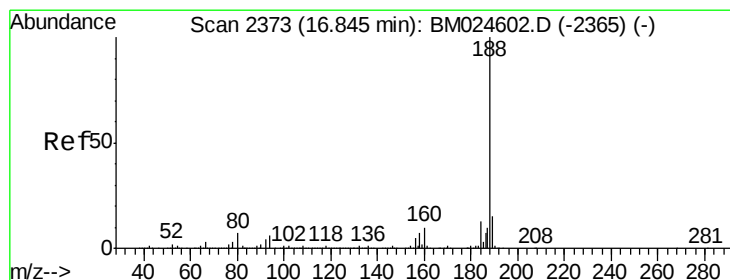
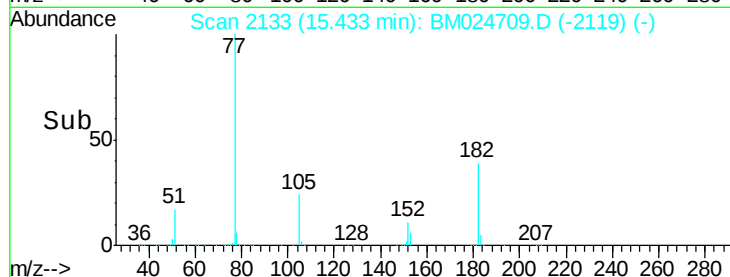
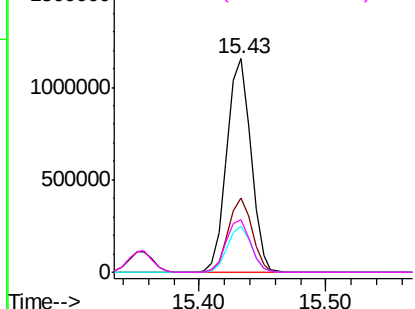
#63
Azobenzene
Concen: 34.035 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1518397
Ion Ratio Lower Upper
77 100
182 35.0 8.7 48.7
105 21.6 0.0 39.2
51 24.9 7.5 47.5

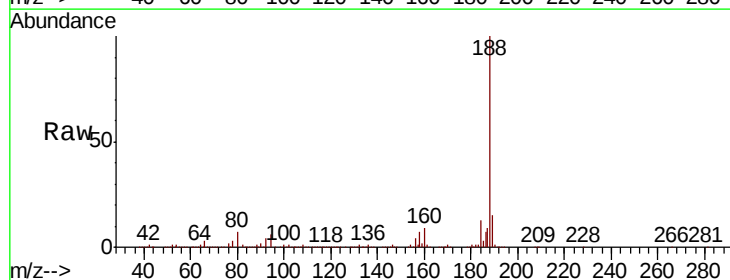


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

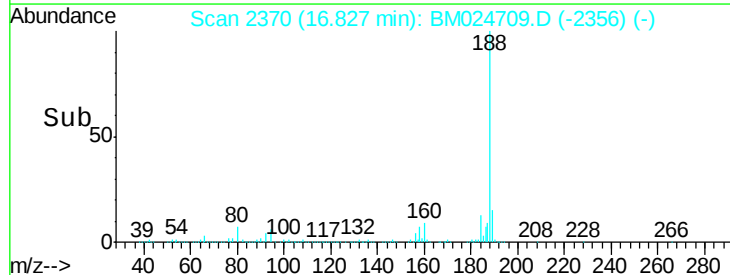
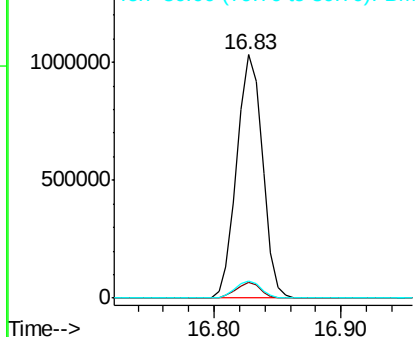


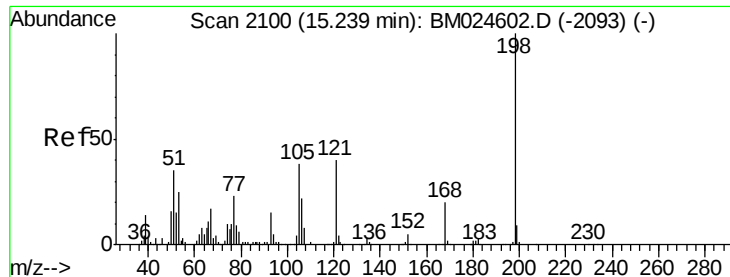
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion: 188 Resp: 1452130
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.6
80 7.2 5.8 8.8



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

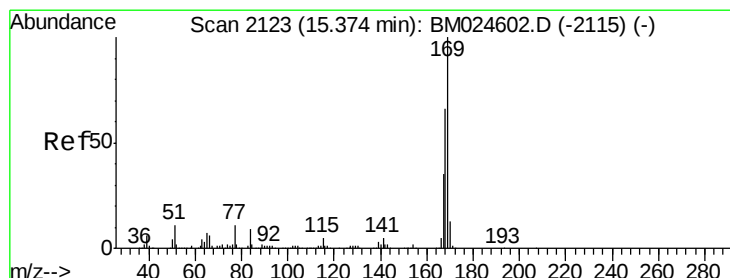
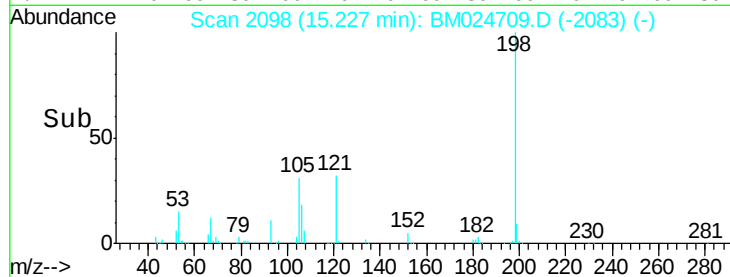
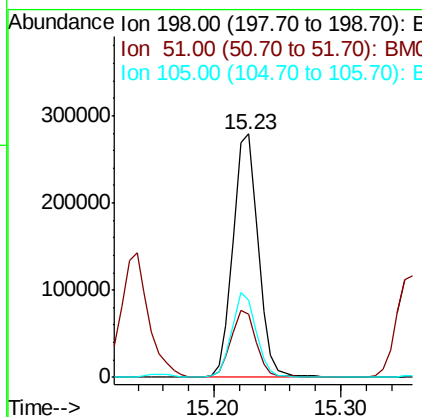
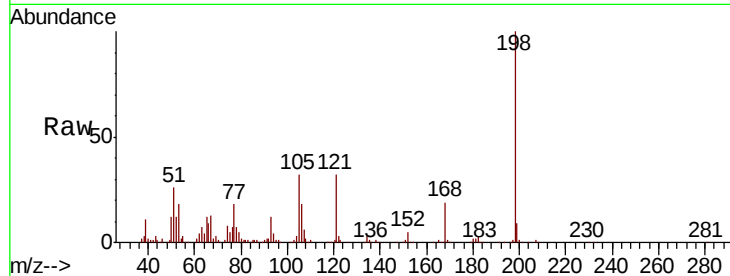




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.742 ng
 RT: 15.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

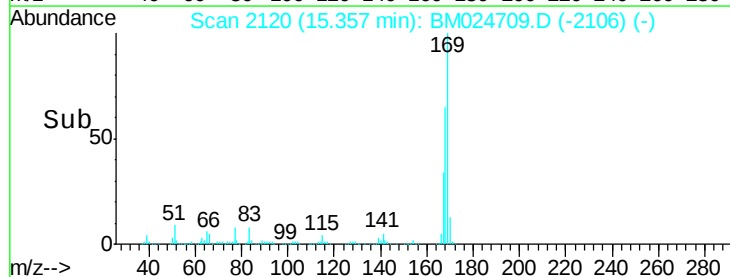
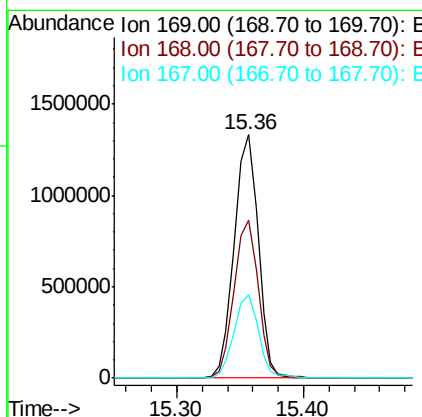
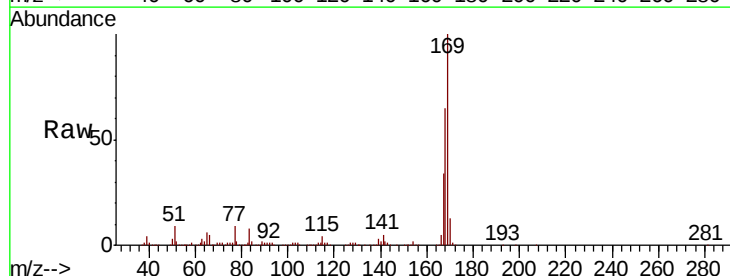
Instrument :
 BNA_M
 ClientSampleId :

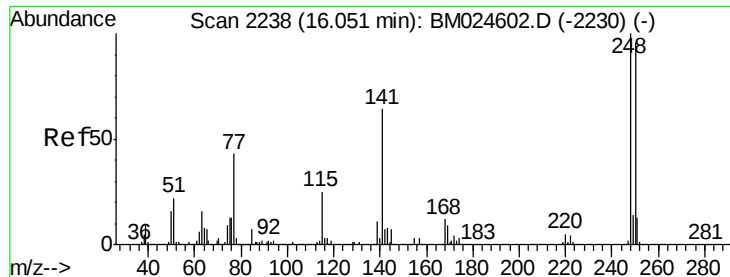
Tot Ion:198 Resp: 382014
 Ion Ratio Lower Upper
 198 100
 51 25.8 15.8 55.8
 105 31.5 18.5 58.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.902 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion:169 Resp: 1747833
 Ion Ratio Lower Upper
 169 100
 168 64.7 52.8 79.2
 167 34.3 28.2 42.2

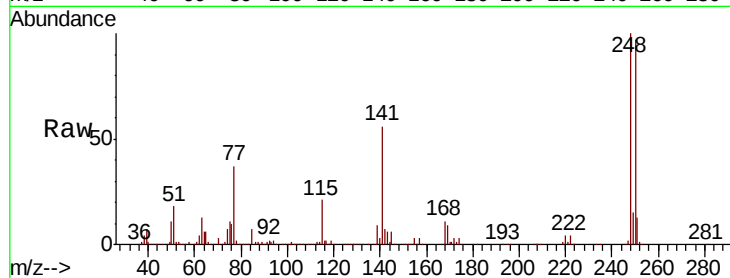




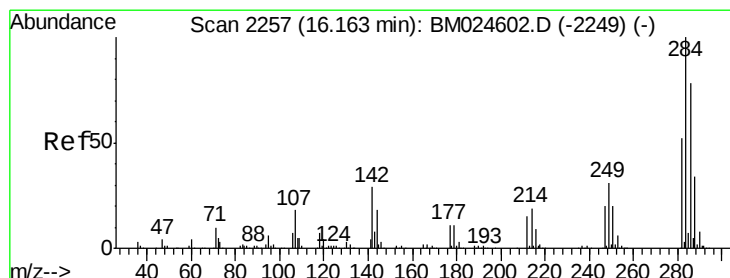
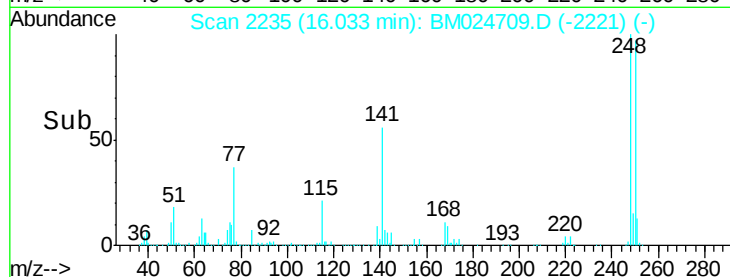
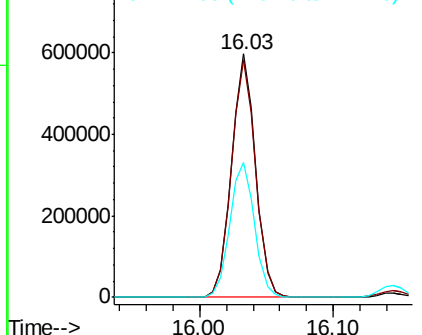
#67
4-Bromophenyl-phenylether
Concen: 41.466 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 748805
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.6
141 55.5 50.9 76.3

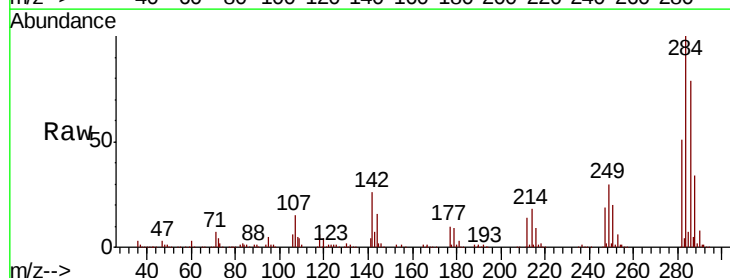


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

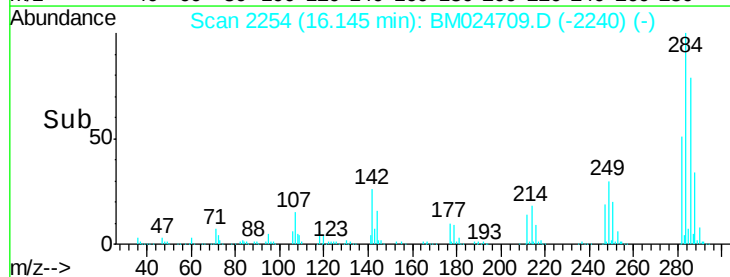
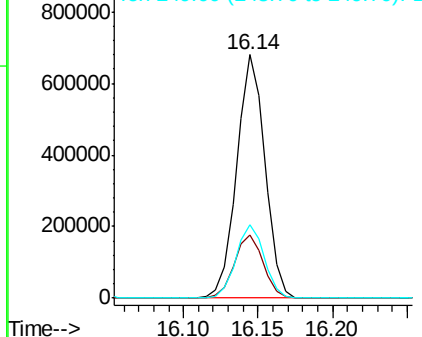


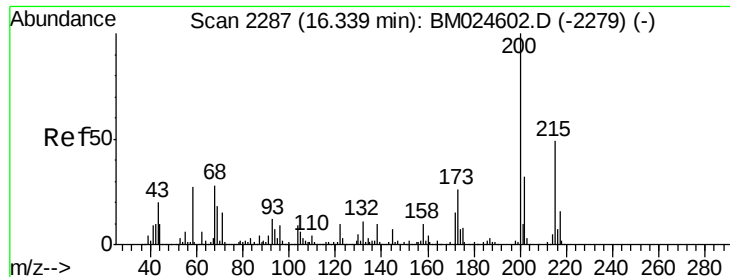
#68
Hexachlorobenzene
Concen: 43.210 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:284 Resp: 895444
Ion Ratio Lower Upper
284 100
142 26.0 23.5 35.3
249 30.4 24.6 36.8



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

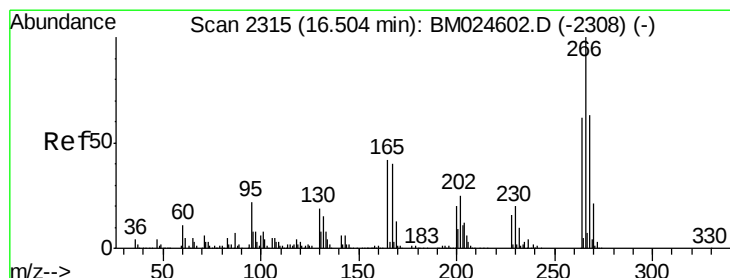
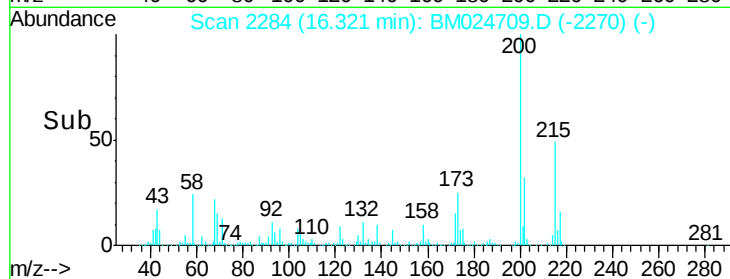
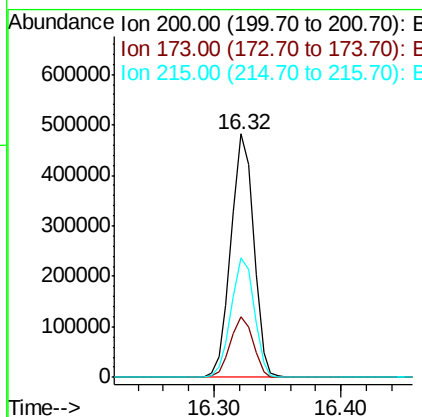
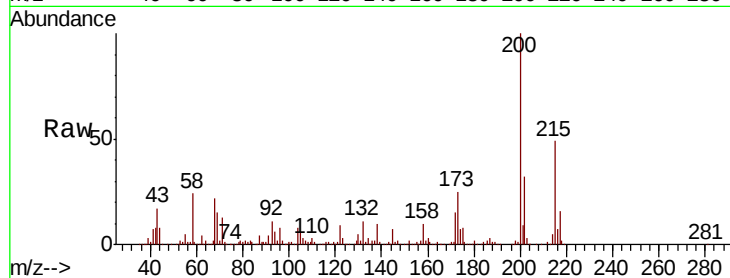




#69
 Atrazine
 Concen: 37.344 ng
 RT: 16.32 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

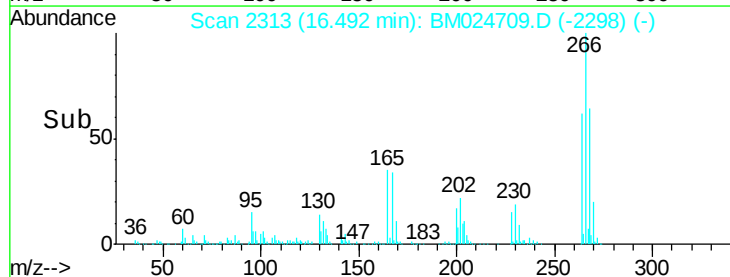
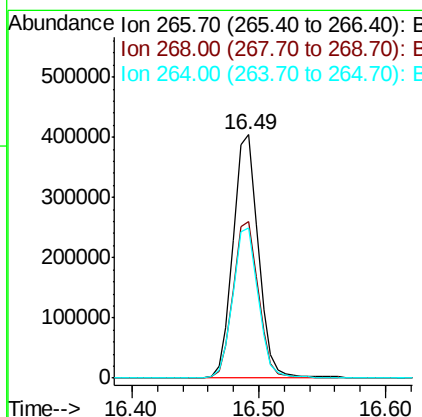
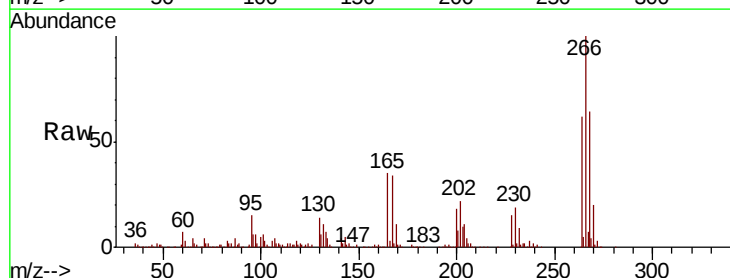
Instrument :
 BNA_M
 ClientSampleId :

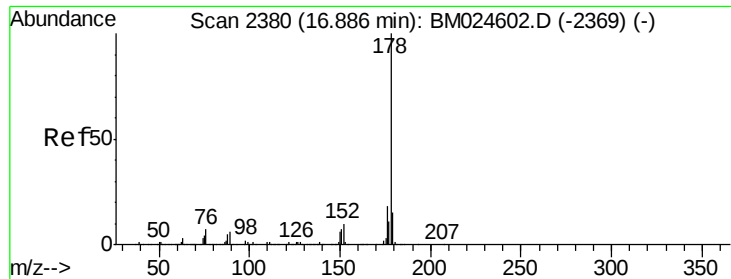
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.5	45.5
215	49.0	29.4	69.4



#70
 Pentachlorophenol
 Concen: 44.022 ng
 RT: 16.49 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BM024709.D
 Acq: 04 Feb 2020 16:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.4	75.6
264	61.8	49.9	74.9

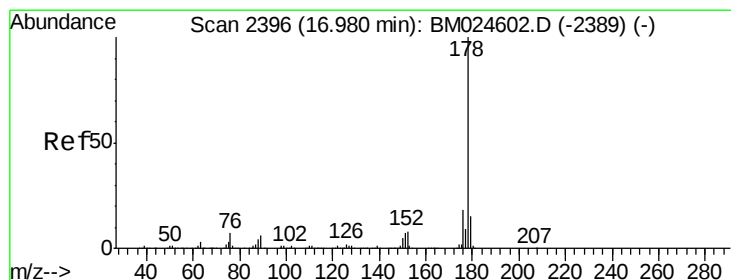
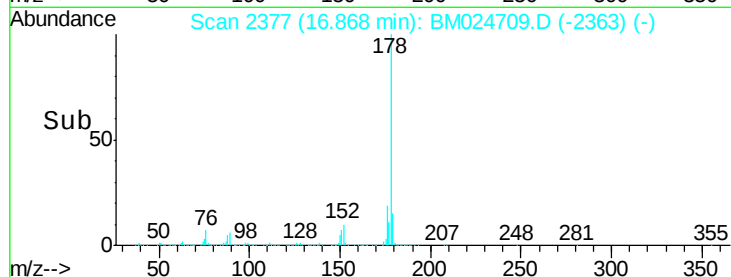
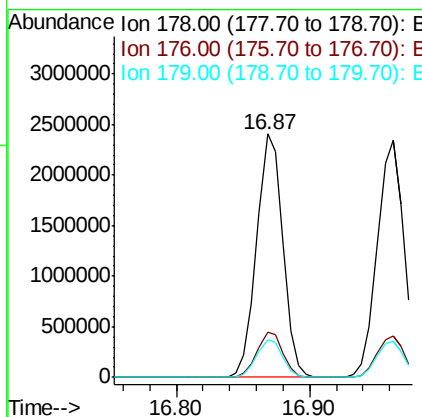
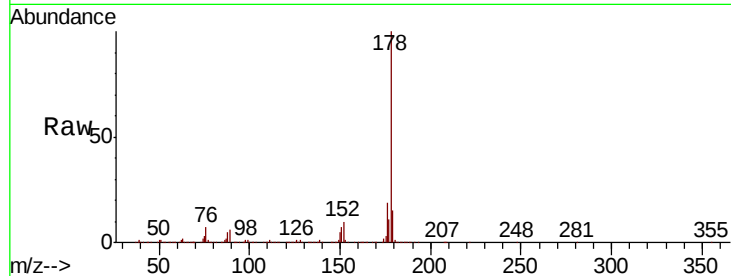




#71
Phenanthrene
Concen: 41.290 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

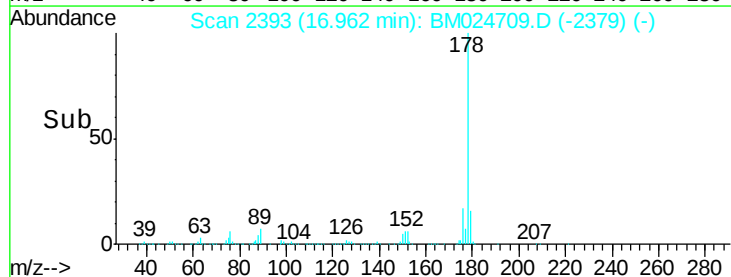
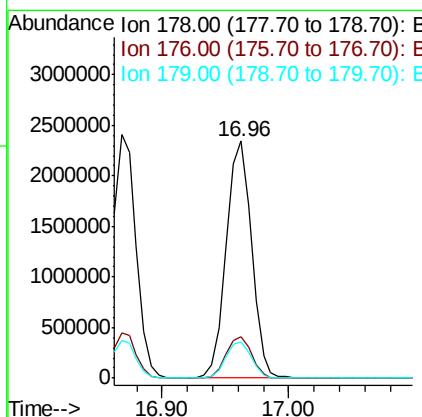
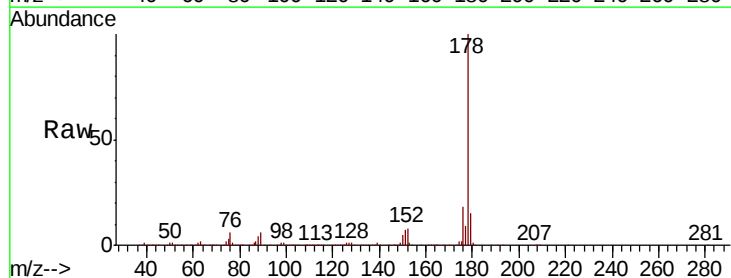
Instrument :
BNA_M
ClientSampleId :

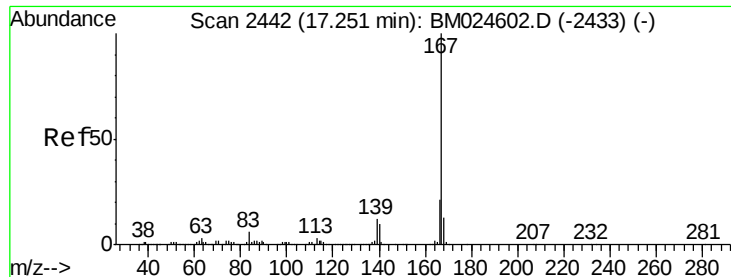
Tot Ion:178 Resp: 3246882
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 41.844 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:178 Resp: 3219588
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.2 12.1 18.1





#73

Carbazole

Concen: 42.539 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

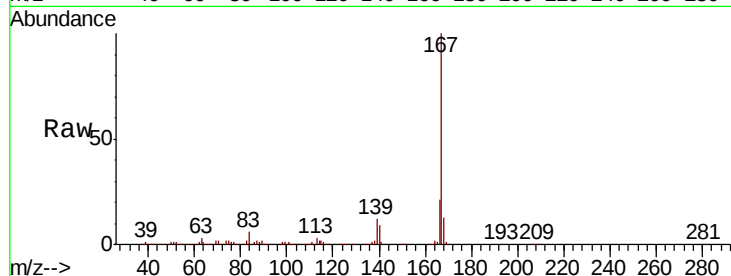
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2979580

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.0	9.8	14.8

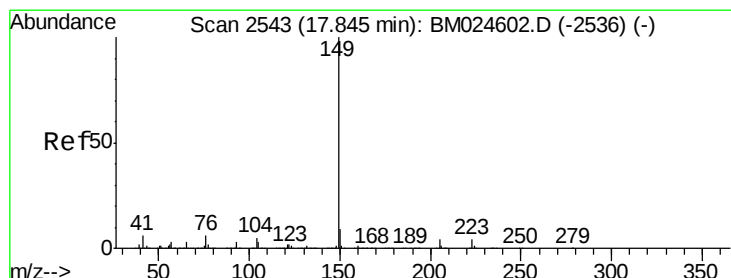
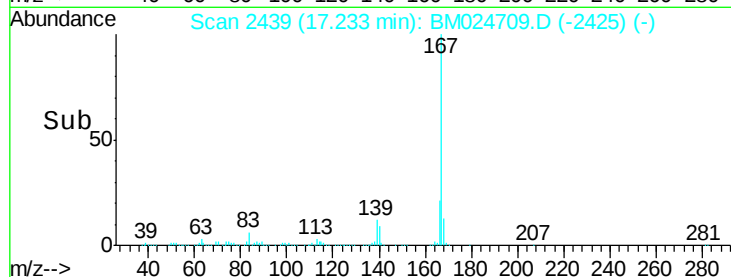
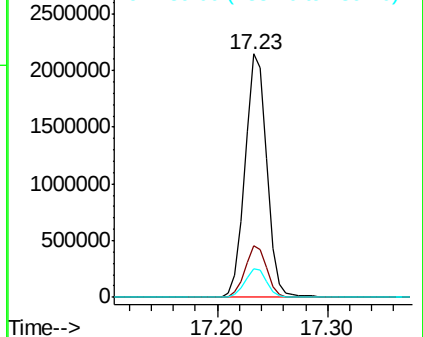


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.710 ng

RT: 17.83 min Scan# 2541

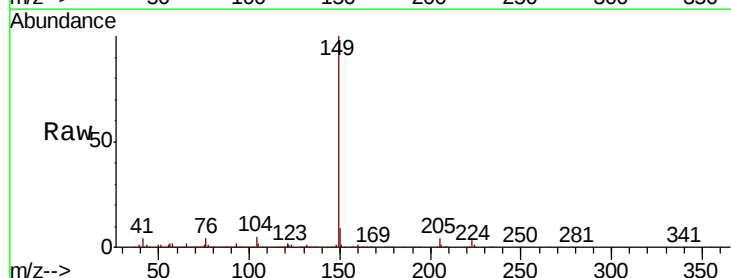
Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Tgt Ion:149 Resp: 3466250

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.5	4.3	6.5

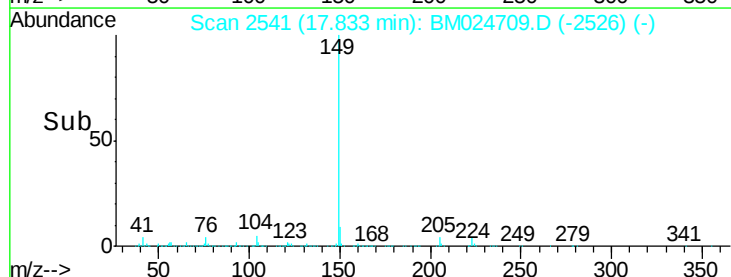
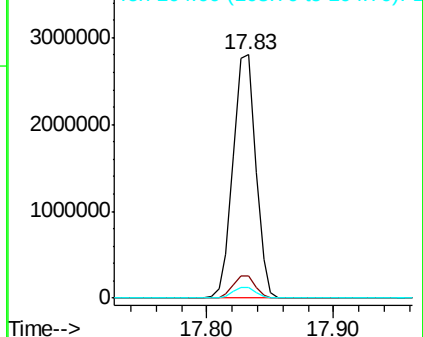


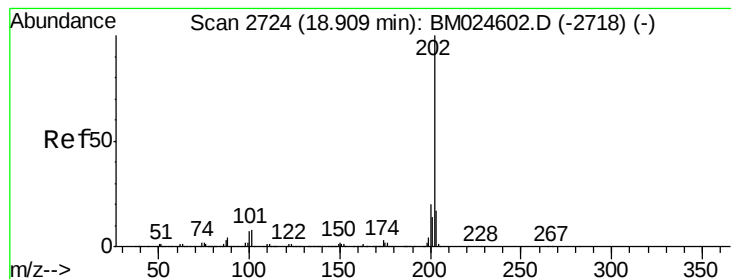
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.774 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

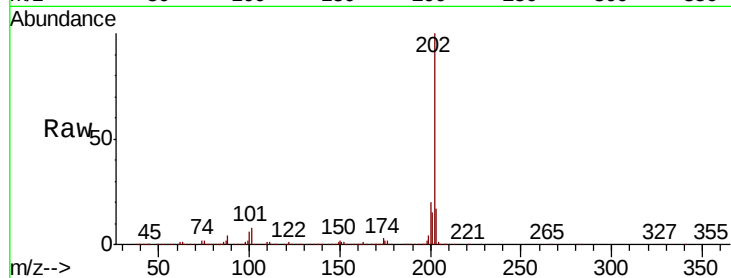
Tot Ion:202 Resp: 4198029

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.4

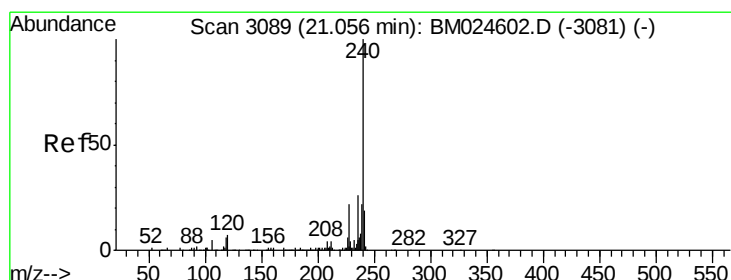
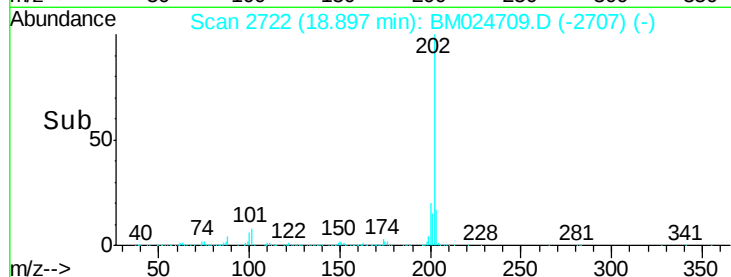
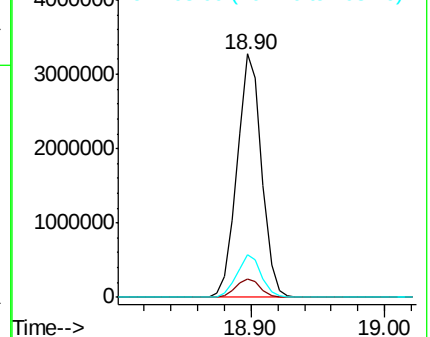
203 17.3 0.0 37.5



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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

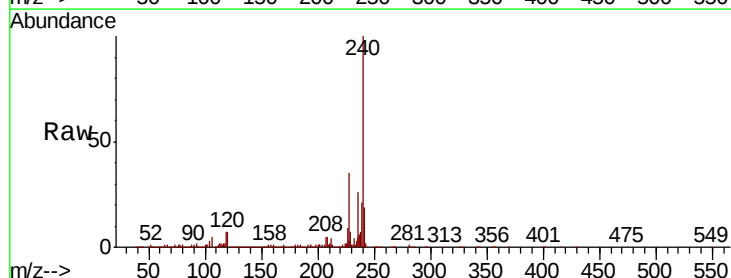
Tgt Ion:240 Resp: 1588599

Ion Ratio Lower Upper

240 100

120 7.2 5.3 7.9

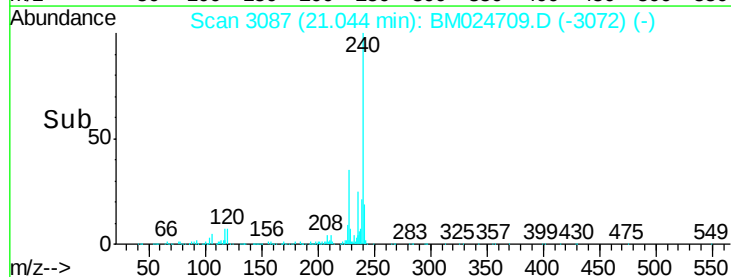
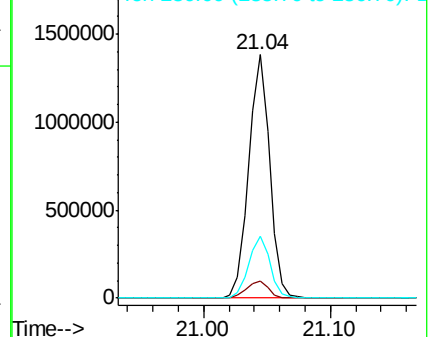
236 25.5 20.6 31.0

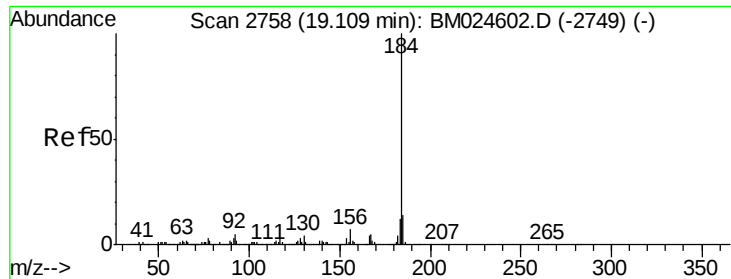


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.789 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

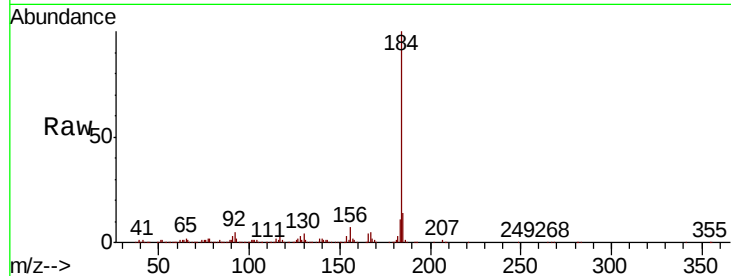
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1472046

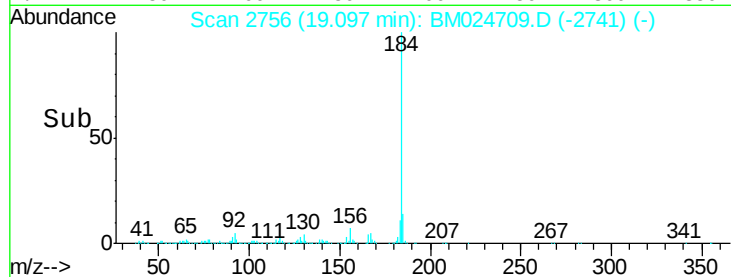
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.3	16.9
183	11.3	9.6	14.4



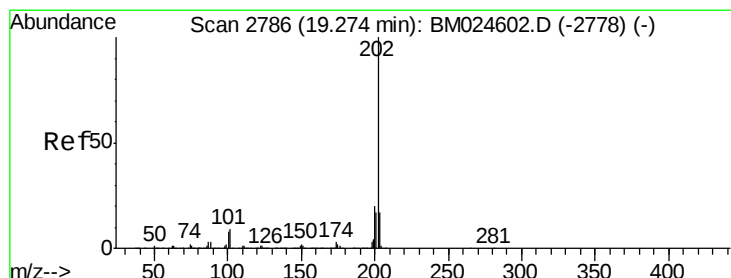
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.198 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

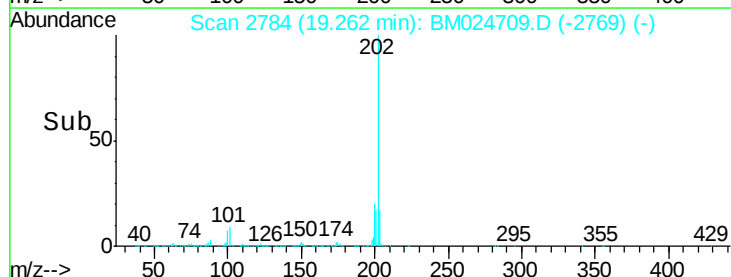
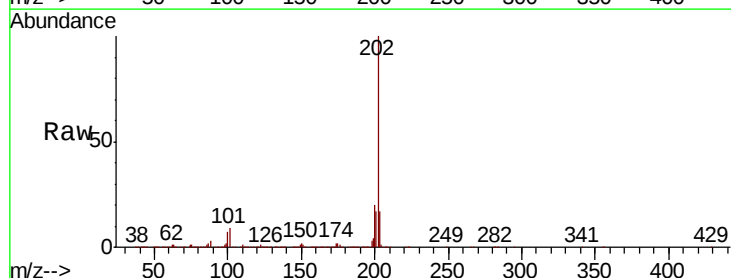
Tgt Ion:202 Resp: 4314487

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.4	14.0	21.0

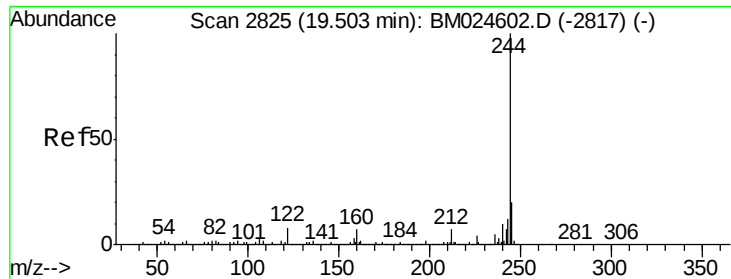
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 83.512 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

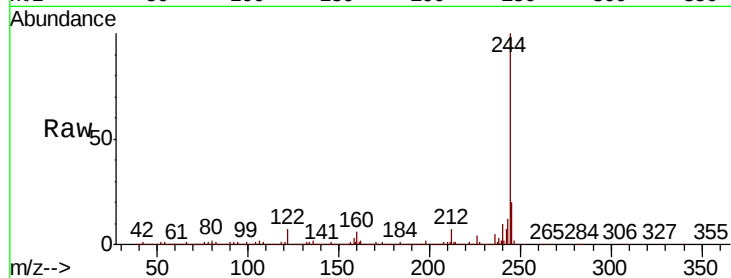
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 7106290

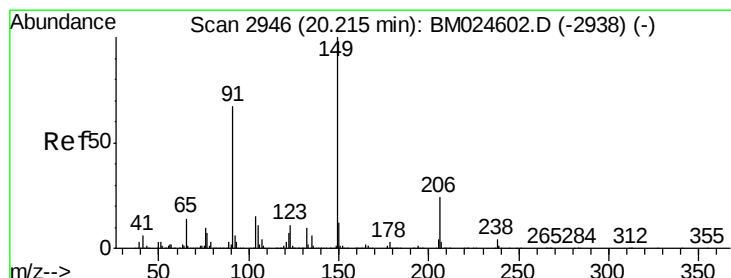
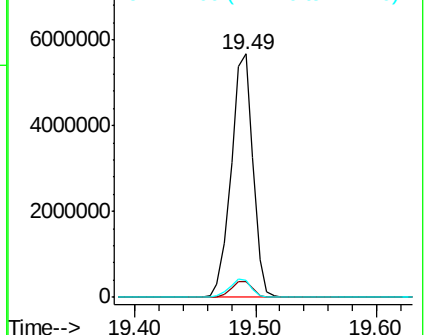
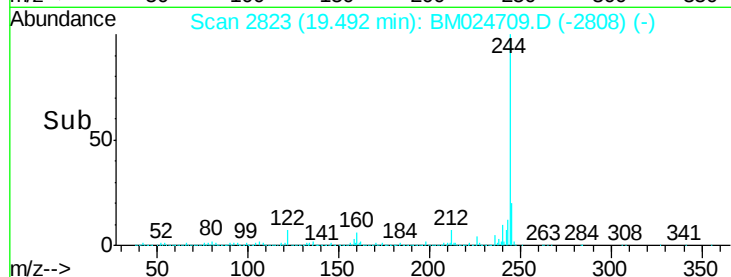
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	7.2	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.825 ng

RT: 20.20 min Scan# 2944

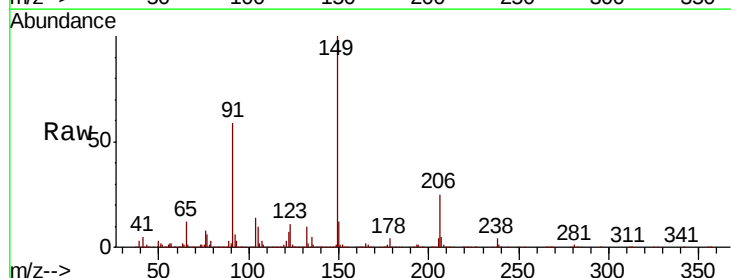
Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Tgt Ion:149 Resp: 1706162

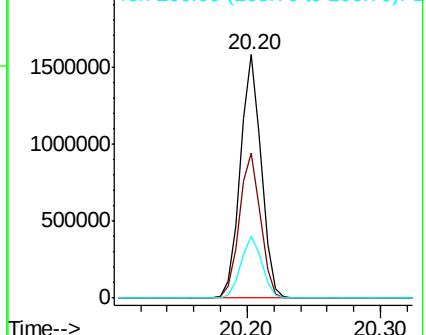
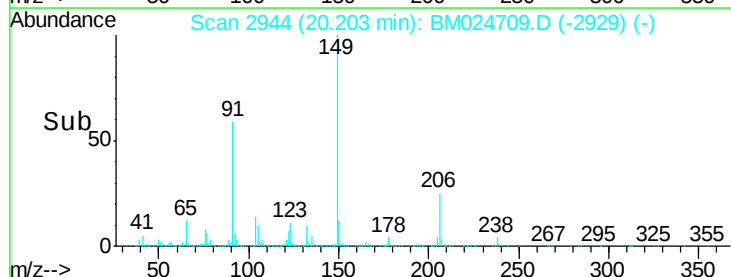
Ion	Ratio	Lower	Upper
149	100		
91	59.4	53.9	80.9
206	25.4	19.0	28.6

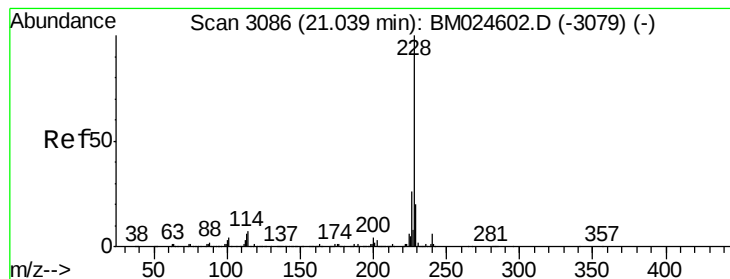


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.951 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

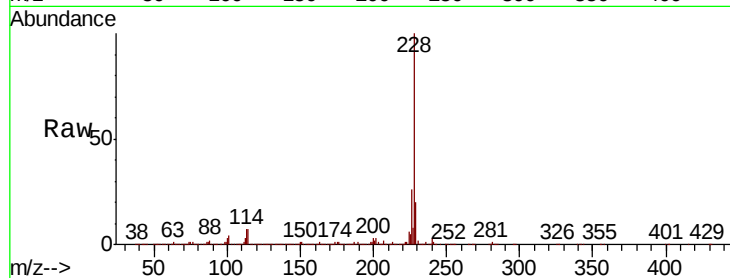
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4625384

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.1	31.7
229	19.8	15.8	23.6

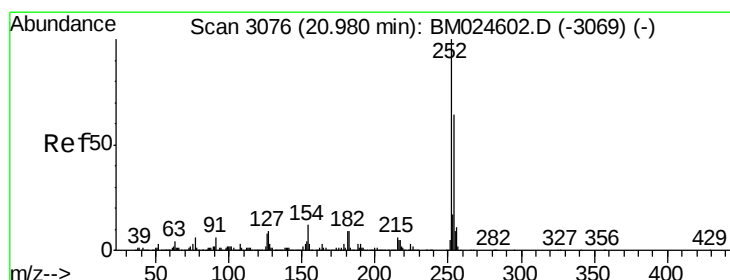
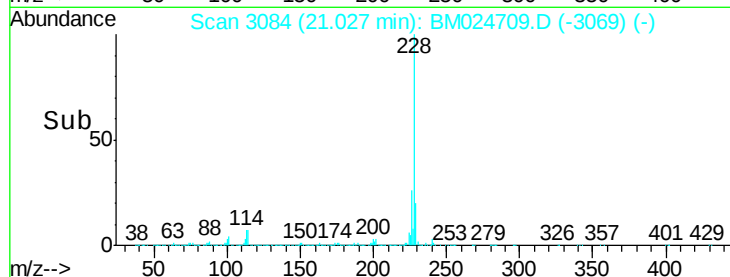
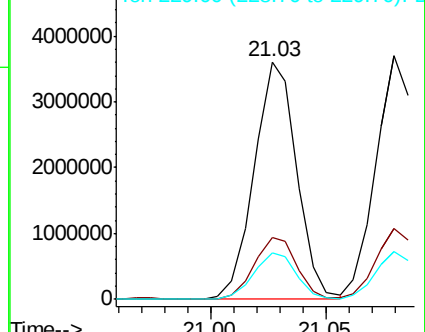


Abundance

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: 48.141 ng

RT: 20.97 min Scan# 3074

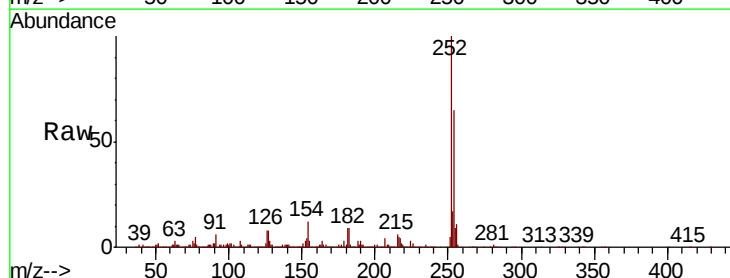
Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Tgt Ion:252 Resp: 1909399

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	8.1	6.7	10.1

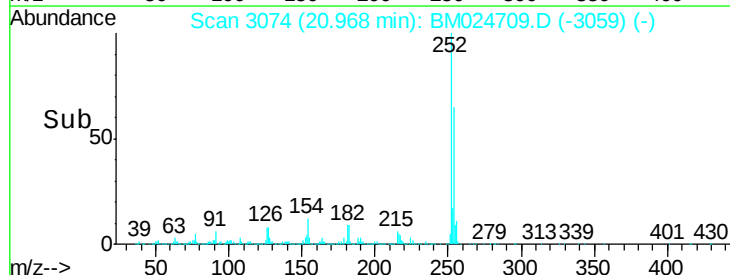
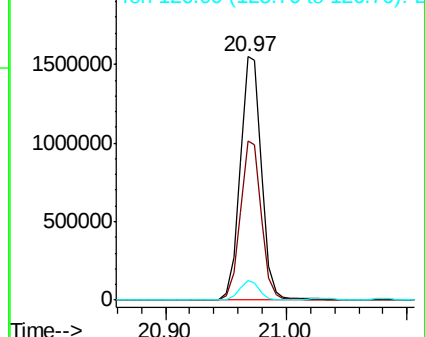


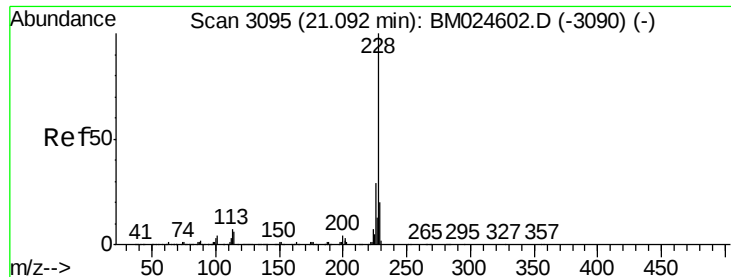
Abundance

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

Chrvsene

Concen: 42.068 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampleId :

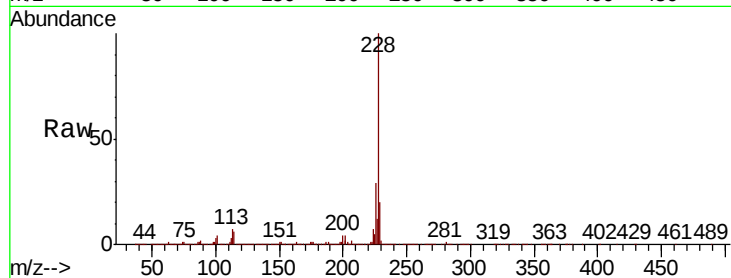
Tot Ion:228 Resp: 4425973

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

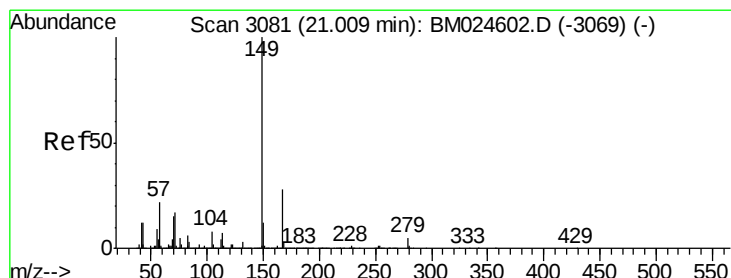
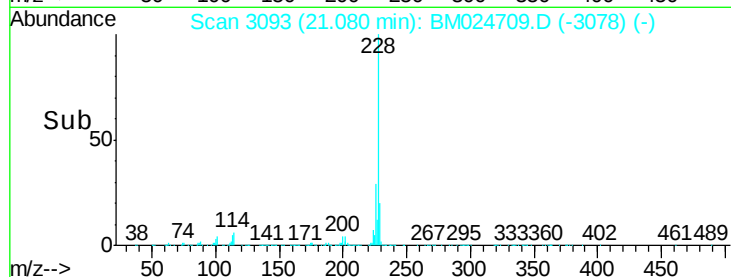
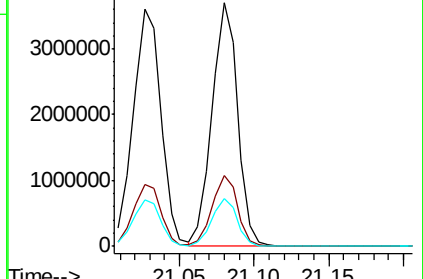
229 19.6 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

5000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.321 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

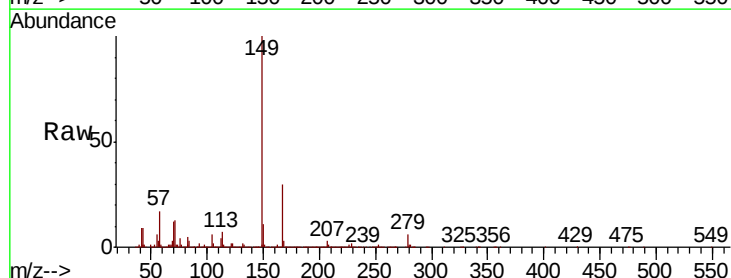
Tgt Ion:149 Resp: 2419915

Ion Ratio Lower Upper

149 100

167 29.9 22.5 33.7

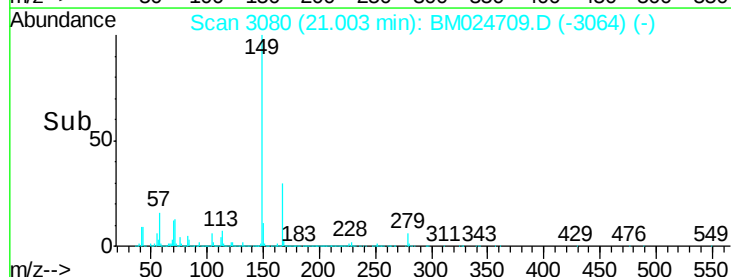
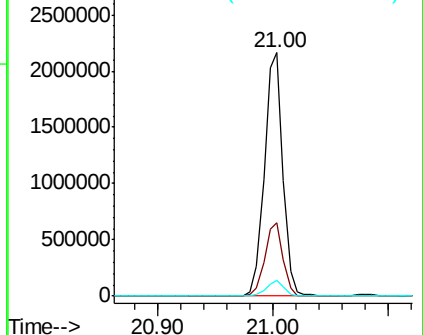
279 6.3 4.0 6.0#

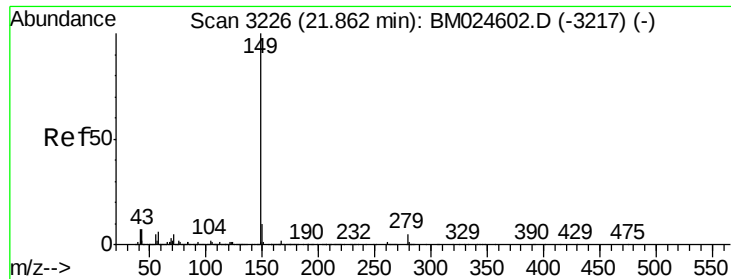


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

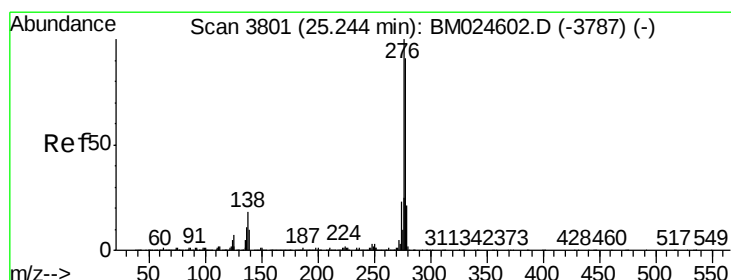
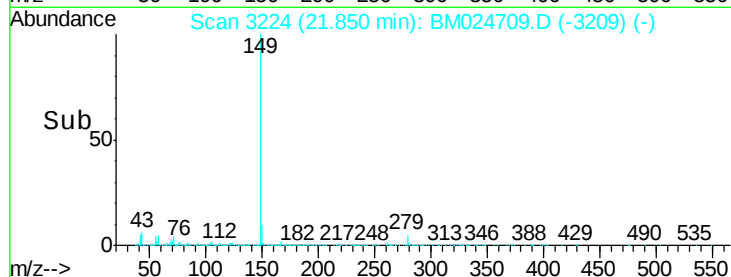
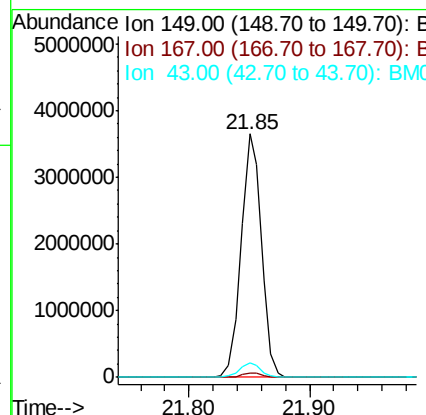
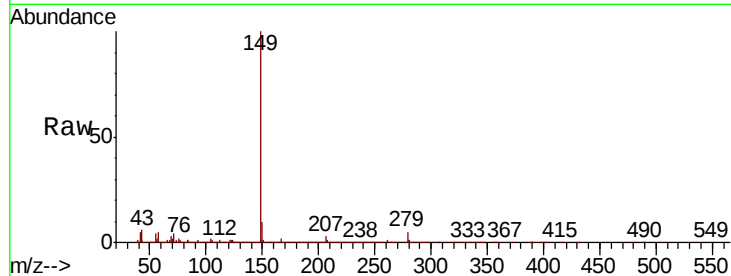




#85
Di-n-octyl phthalate
Concen: 39.857 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

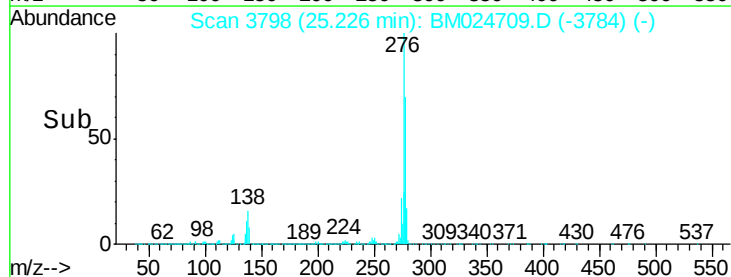
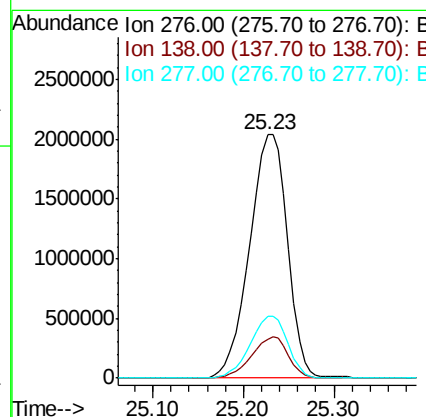
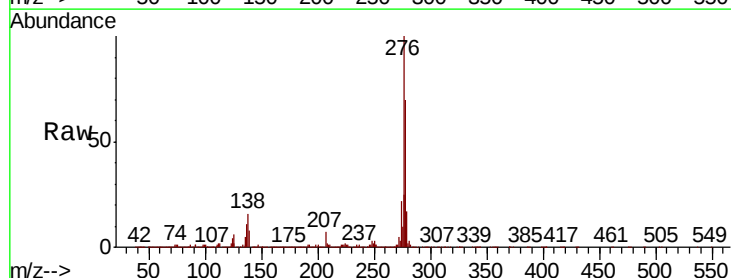
Instrument :
BNA_M
ClientSampled :

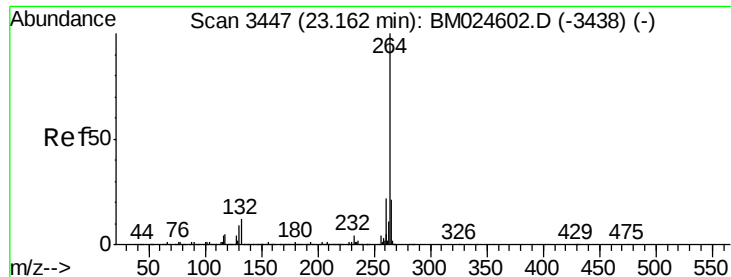
Tot Ion:149 Resp: 4269628
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.8 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.669 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:276 Resp: 5924970
Ion Ratio Lower Upper
276 100
138 16.3 13.4 20.0
277 25.2 19.6 29.4



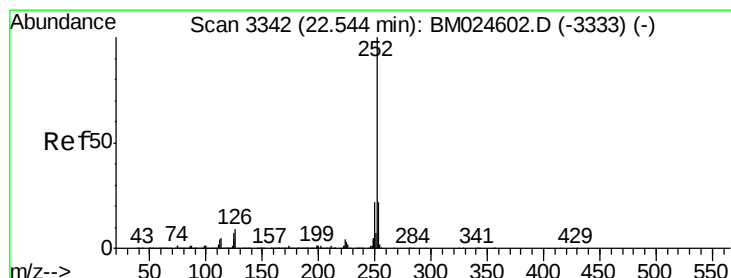
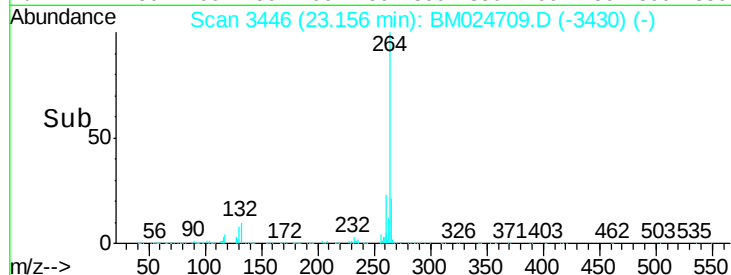
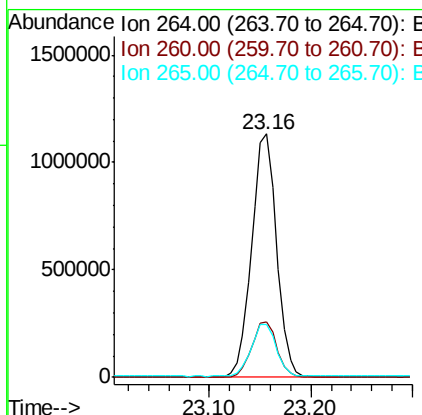
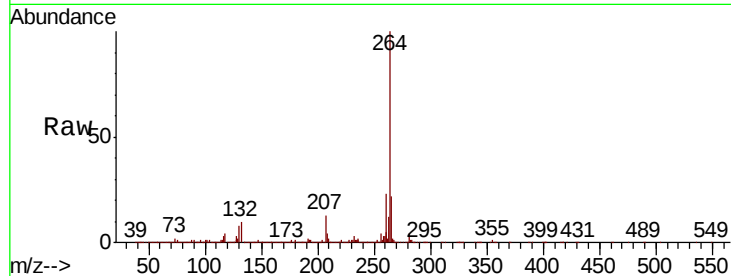


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1938081

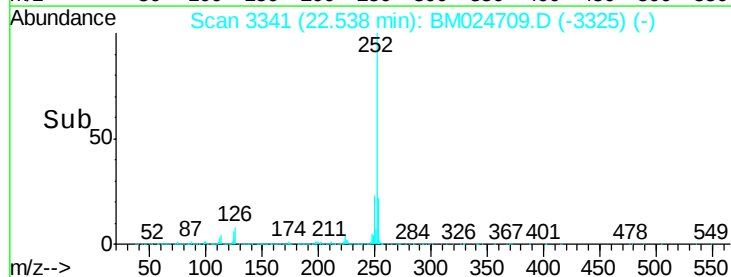
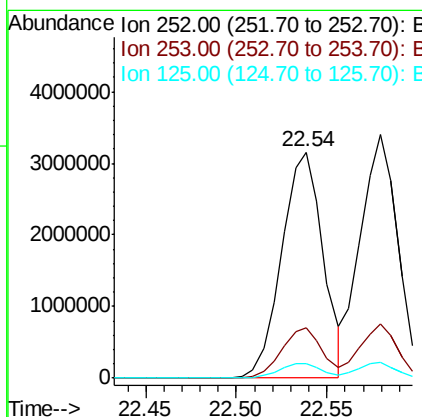
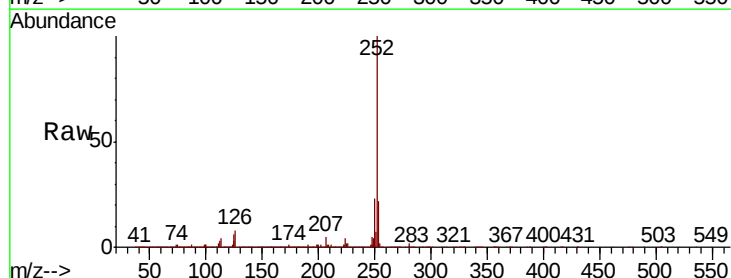
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.6	17.3	25.9

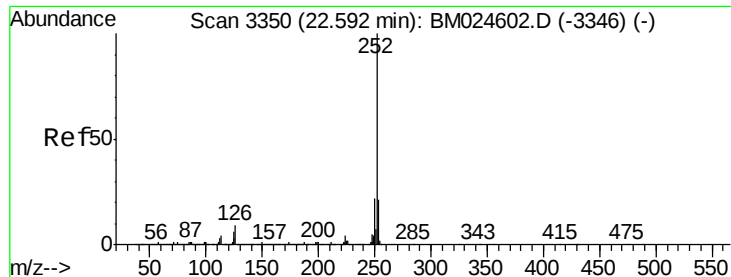


#88
Benzo(b)fluoranthene
Concen: 39.980 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:252 Resp: 5025433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.4	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 39.730 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

Instrument :

BNA_M

ClientSampled :

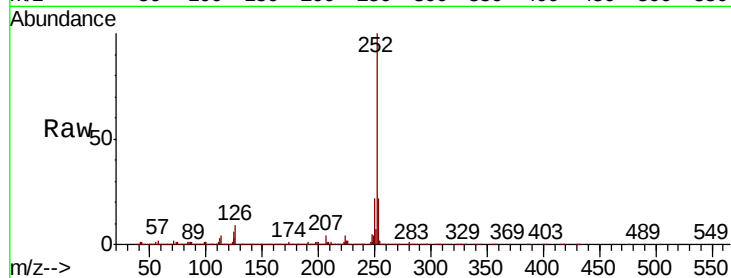
Tot Ion:252 Resp: 4874714

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

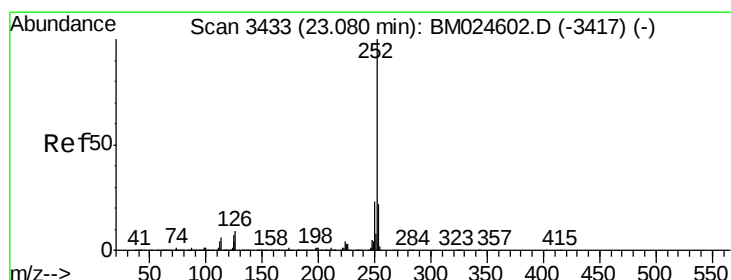
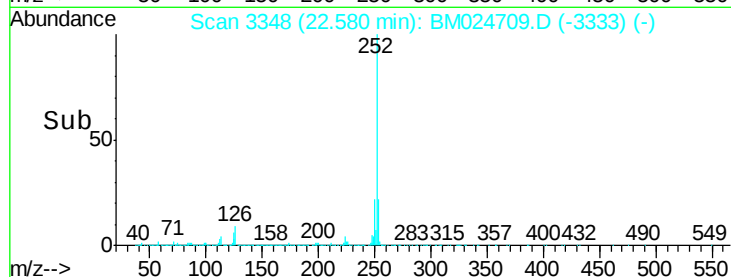
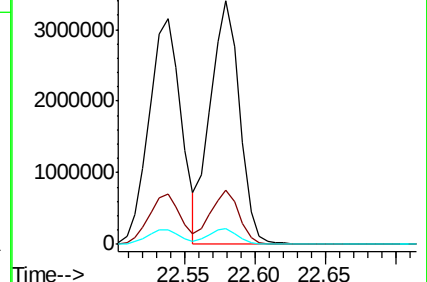
125 6.4 5.2 7.8



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: 41.542 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024709.D

Acq: 04 Feb 2020 16:42

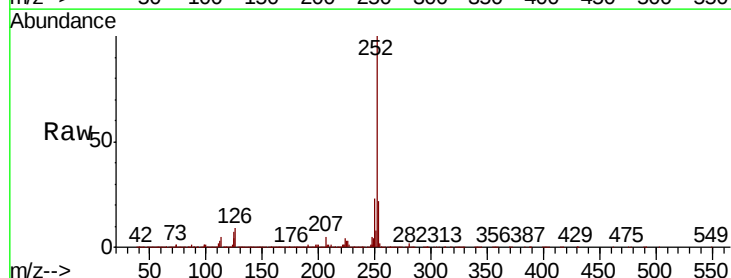
Tgt Ion:252 Resp: 4747534

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

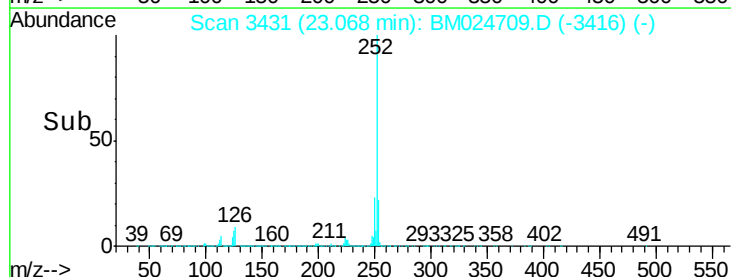
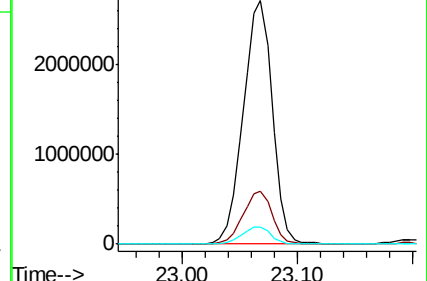
125 7.1 5.8 8.8

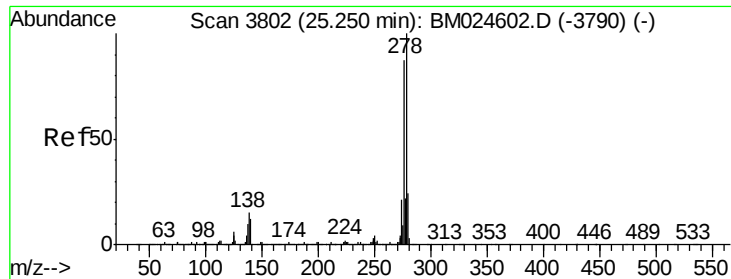


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



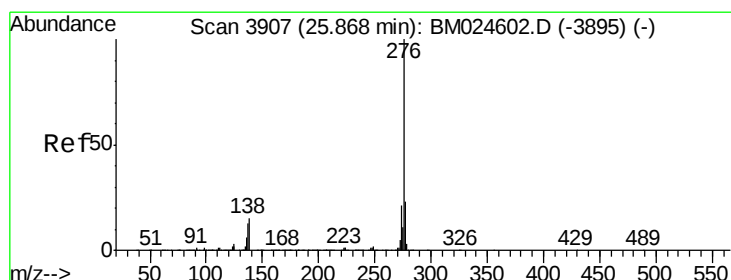
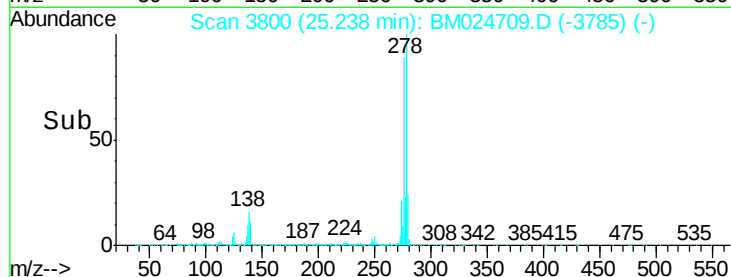
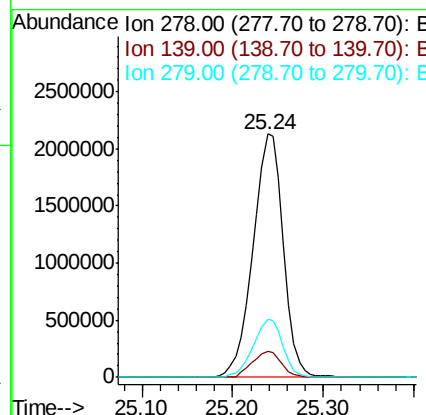
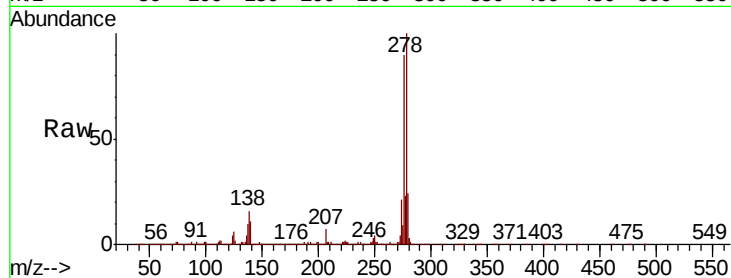


#91
Dibenzo(a,h)anthracene
Concen: 45.407 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4925273

Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.3	13.9
279	23.6	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 48.362 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024709.D
Acq: 04 Feb 2020 16:42

Tgt Ion:276 Resp: 4763259

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	13.7	11.9	17.9

