

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007224.D
 Acq On : 19 Aug 2016 02:03
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N39

Quant Time: Aug 19 04:50:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	192901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	770306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	442251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1048560	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1348563	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1396692	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	36817	8.34	ng/uL	0.00
5) Phenol-d5	6.97	99	308947	19.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	181499	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	253952	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	247569	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	117739	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	127261	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	255216	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	298867	20.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	709927	19.43	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	896669	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	116363	17.77	ng/ul	0.00
57) Fluorene-d10	15.43	176	632418	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	97471	16.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	994696	20.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	1184839	20.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1326003	20.76	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	38058	8.29	ng/uL	97
4) Benzaldehyde	6.95	77	199247	21.21	ng/ul	99
6) Phenol	6.99	94	325585	19.78	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	243408	20.04	ng/ul	94
10) 2-Chlorophenol	7.37	128	259769	20.40	ng/ul	99
11) 2-Methylphenol	8.24	108	241601	19.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	268532	19.29	ng/ul	97
14) Acetophenone	8.62	105	382604	19.32	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	193409	18.77	ng/ul	98
16) 4-Methylphenol	8.56	108	263185	19.48	ng/ul	100
17) Hexachloroethane	8.87	117	104351	19.64	ng/ul	98
20) Nitrobenzene	9.00	77	300487	20.87	ng/ul	99
21) Isophorone	9.52	82	513309	19.03	ng/ul	99
23) 2-Nitrophenol	9.70	139	140500	21.49	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	307293	20.51	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	317550	19.61	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	254040	20.37	ng/ul	98
28) Naphthalene	10.64	128	765208	20.05	ng/ul	99
30) 4-Chloroaniline	10.75	127	308491	20.19	ng/ul	99
31) Hexachlorobutadiene	10.92	225	191227	20.74	ng/ul	99
32) Caprolactam	11.49	113	71533	16.93	ng/ul	90
33) 4-Chloro-3-methylphenol	11.87	107	266469	19.55	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	574574	19.53	ng/ul	99

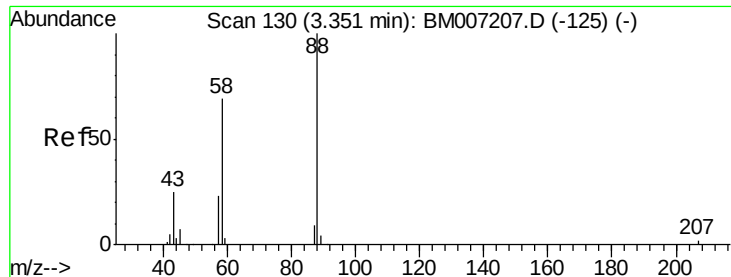
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	344037	22.00	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	147164	14.78	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	208001	20.74	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	217955	20.75	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	736668	20.76	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	579791	20.83	ng/ul	99
42) 2-Nitroaniline	13.51	65	164477	20.58	ng/ul	98
44) Dimethylphthalate	13.89	163	707529	19.37	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	145569	20.51	ng/ul	95
47) Acenaphthylene	14.15	152	921096	20.38	ng/ul	99
48) 3-Nitroaniline	14.34	138	144693	20.61	ng/ul	100
49) Acenaphthene	14.50	153	591818	20.17	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	59870	14.22	ng/ul	92
52) 4-Nitrophenol	14.64	109	125469	18.85	ng/ul	90
53) Dibenzofuran	14.83	168	867396	19.92	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	214648	20.49	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	200938	19.79	ng/ul#	97
56) Diethylphthalate	15.26	149	707018	18.35	ng/ul	99
58) Fluorene	15.48	166	691853	19.70	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	368264	19.87	ng/ul	97
60) 4-Nitroaniline	15.50	138	151908	18.45	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	107936	17.12	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	605509	20.40	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	246321	20.74	ng/ul	98
66) Hexachlorobenzene	16.48	284	274633	20.44	ng/ul	96
67) Atrazine	16.64	200	237938	19.89	ng/ul	99
68) Pentachlorophenol	16.83	266	153230	18.54	ng/ul	99
69) Phenanthrene	17.22	178	1138726	20.19	ng/ul	99
71) Anthracene	17.31	178	1180276	20.39	ng/ul	100
72) Carbazole	17.58	167	1031045	20.68	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1218695	19.99	ng/ul	99
74) Fluoranthene	19.23	202	1453525	21.25	ng/ul	99
77) Pyrene	19.60	202	1524402	20.45	ng/ul	98
78) Butylbenzylphthalate	20.50	149	584289	20.16	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	525965	20.19	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1625125	20.40	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	829995	19.35	ng/ul	99
82) Chrysene	21.39	228	1453058	19.96	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1500867	20.83	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	1684879	20.02	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1667083	21.10	ng/ul	100
88) Benzo(a)pyrene	23.53	252	1635709	20.51	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	1968235	20.13	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	1650821	20.12	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	1607969	19.46	ng/ul	98

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



#2

1,4-Dioxane

Concen: 8.29 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. 0.00 min

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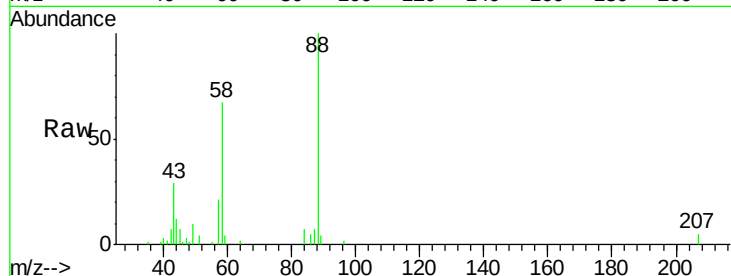
Tgt Ion: 88 Resp: 38058

Ion Ratio Lower Upper

88 100

43 29.4 22.6 34.0

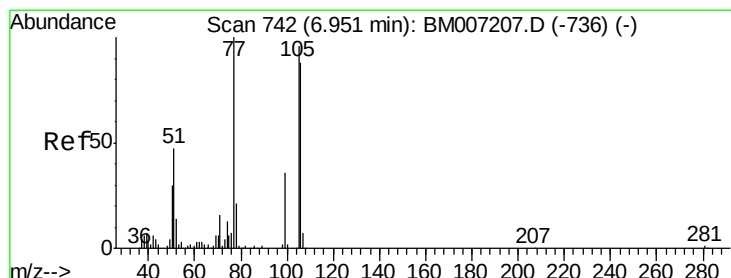
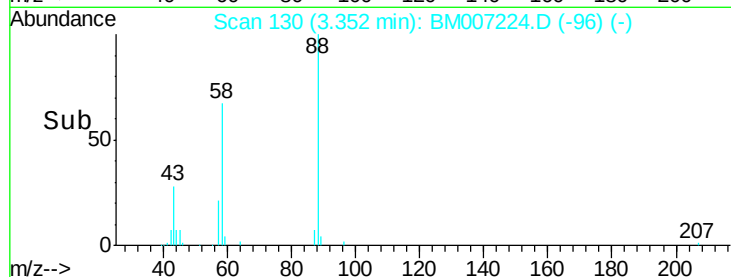
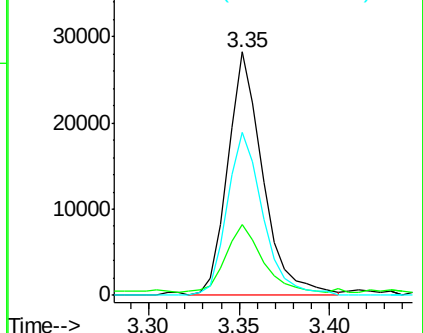
58 68.3 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): BM007207.D (-125) (-)

Ion 43.00 (42.70 to 43.70): BM007207.D (-125) (-)

Ion 58.00 (57.70 to 58.70): BM007207.D (-125) (-)



#4

Benzaldehyde

Concen: 21.21 ng/uL

RT: 6.95 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

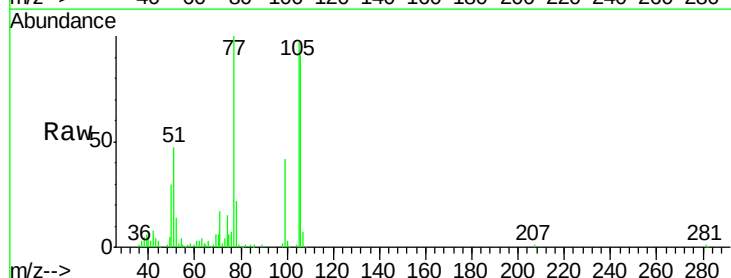
Tgt Ion: 77 Resp: 199247

Ion Ratio Lower Upper

77 100

105 96.8 76.9 115.3

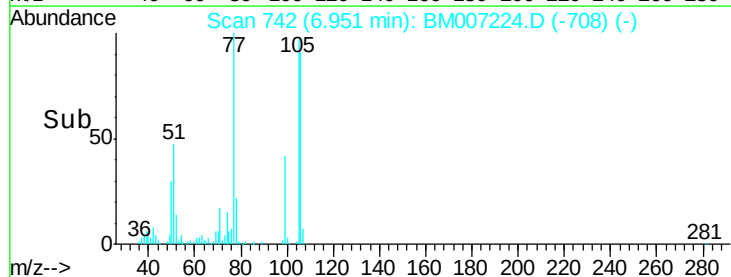
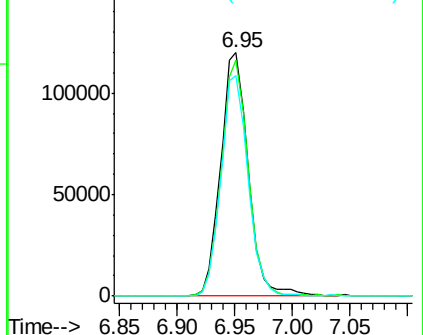
106 90.8 71.8 107.8

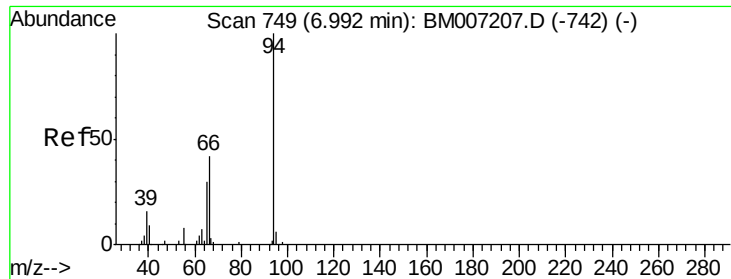


Abundance Ion 77.00 (76.70 to 77.70): BM007207.D (-736) (-)

Ion 105.00 (104.70 to 105.70): BM007207.D (-736) (-)

Ion 106.00 (105.70 to 106.70): BM007207.D (-736) (-)





#6

Phenol

Concen: 19.78 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

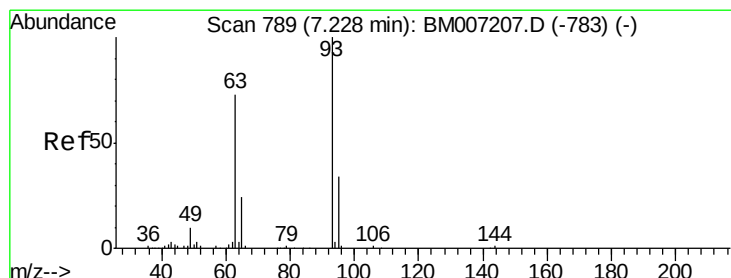
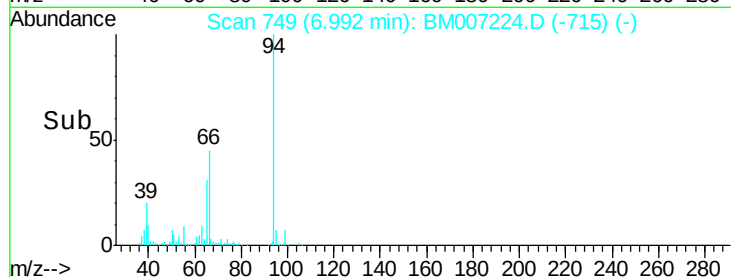
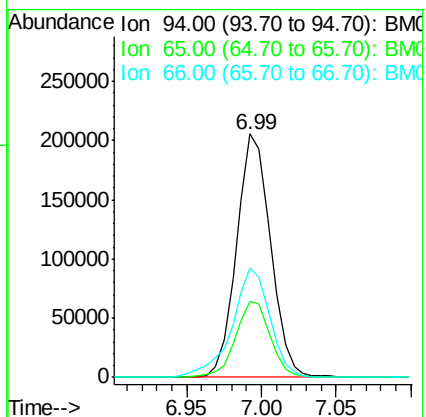
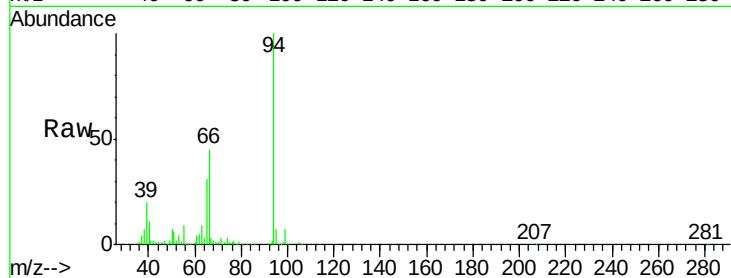
Tgt Ion: 94 Resp: 325585

Ion Ratio Lower Upper

94 100

65 31.0 23.9 35.9

66 44.7 33.5 50.3



#8

Bis(2-Chloroethyl)ether

Concen: 20.04 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

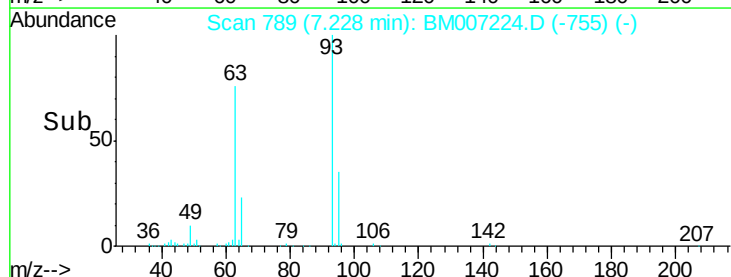
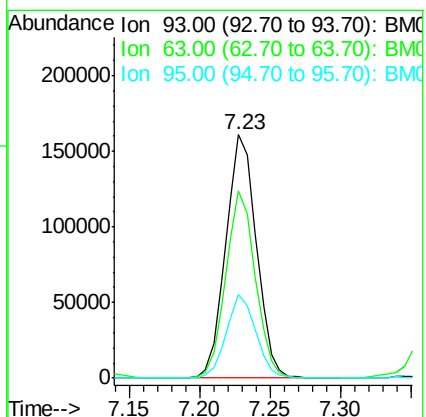
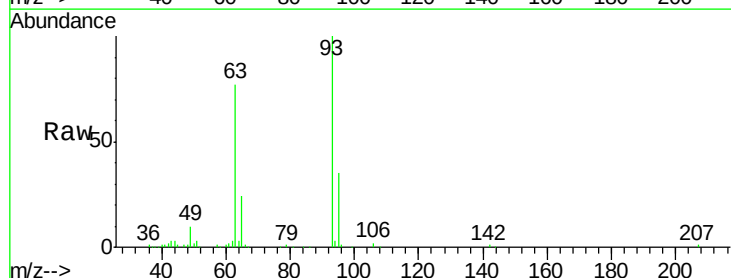
Tgt Ion: 93 Resp: 243408

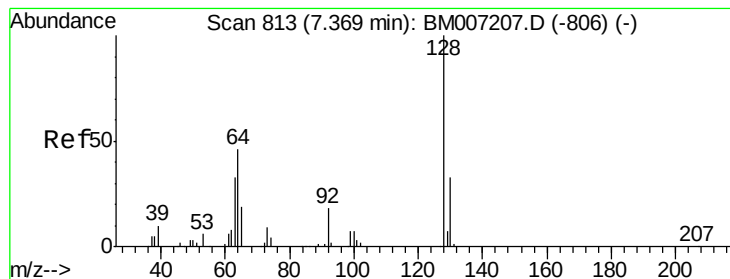
Ion Ratio Lower Upper

93 100

63 76.8 57.3 85.9

95 34.6 25.1 37.7





#10

2-Chlorophenol

Concen: 20.40 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

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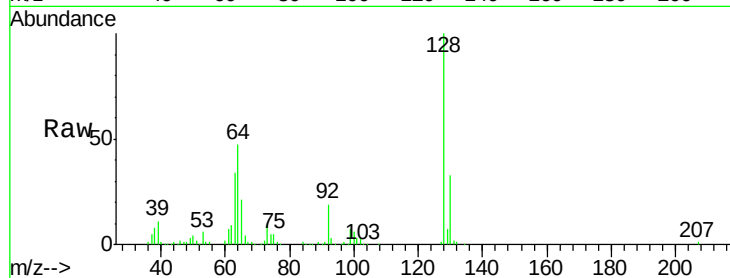
Tgt Ion:128 Resp: 259769

Ion Ratio Lower Upper

128 100

64 46.8 37.5 56.3

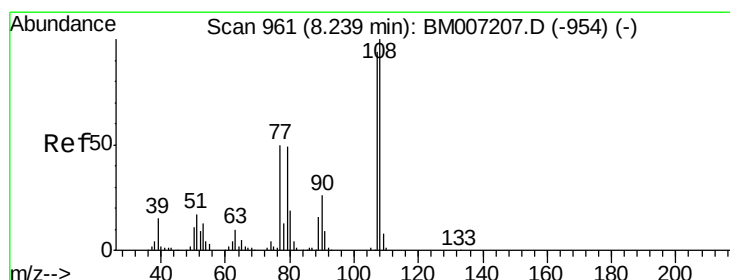
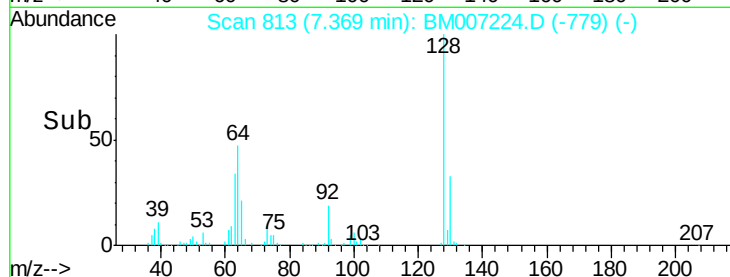
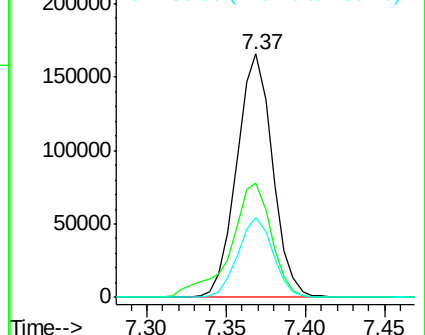
130 32.8 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.52 ng/ul

RT: 8.24 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM007224.D

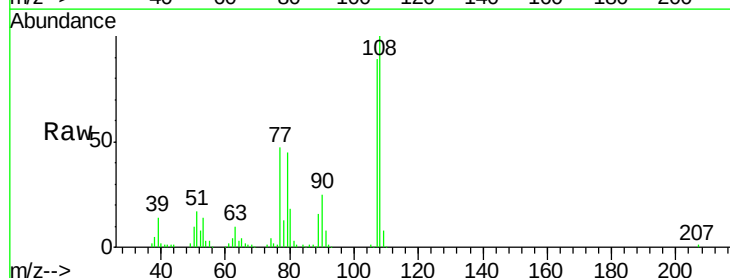
Acq: 19 Aug 2016 02:03

Tgt Ion:108 Resp: 241601

Ion Ratio Lower Upper

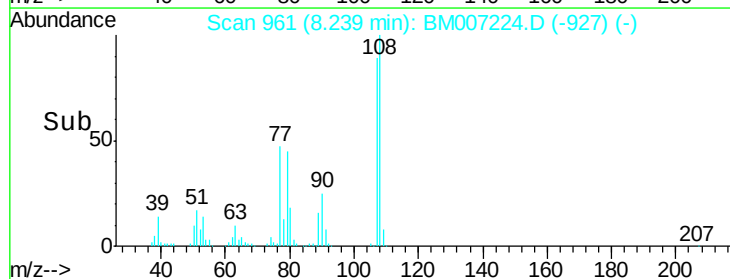
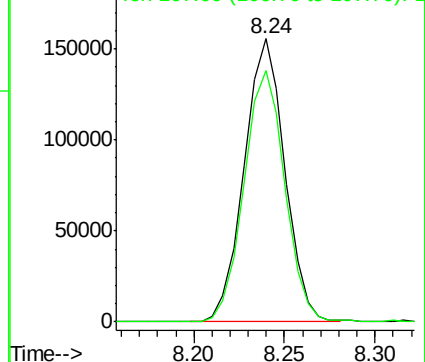
108 100

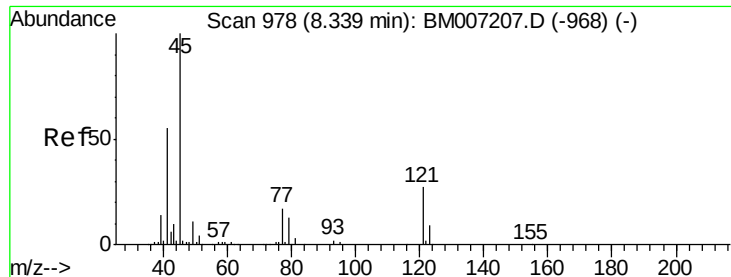
107 88.9 71.8 107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 19.29 ng/ul

RT: 8.33 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

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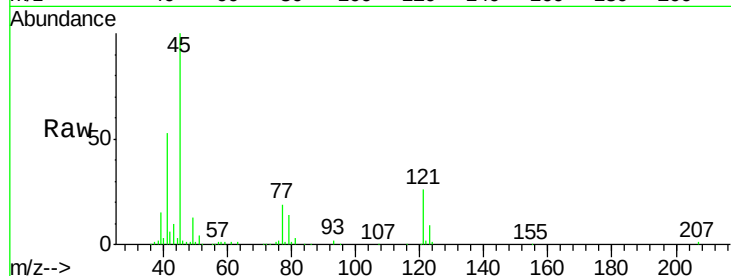
Tgt Ion: 45 Resp: 268532

Ion Ratio Lower Upper

45 100

77 19.0 14.1 21.1

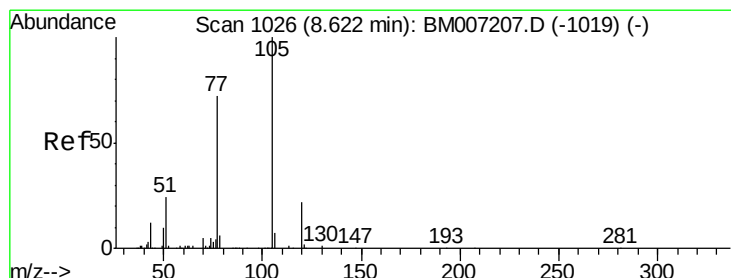
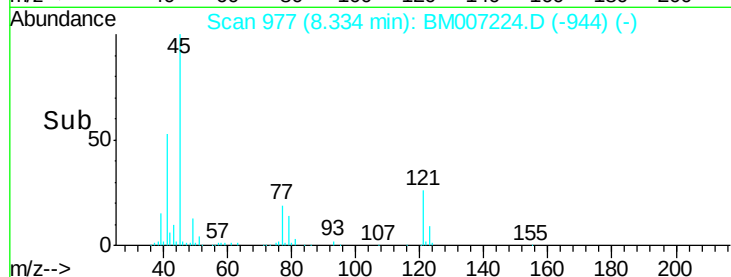
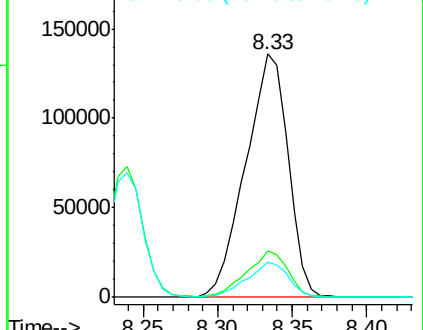
79 14.2 10.4 15.6



Abundance Ion 45.00 (44.70 to 45.70): BM007207.D (-968) (-)

Ion 77.00 (76.70 to 77.70): BM007207.D (-968) (-)

Ion 79.00 (78.70 to 79.70): BM007207.D (-968) (-)



#14

Acetophenone

Concen: 19.32 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

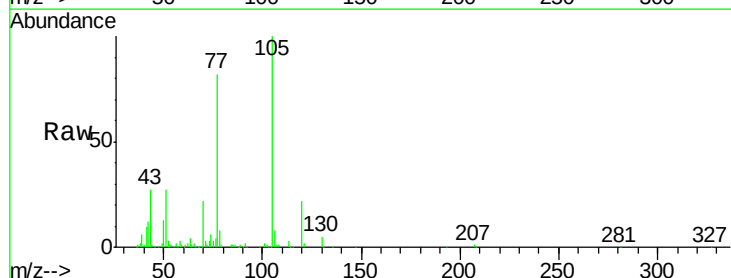
Tgt Ion: 105 Resp: 382604

Ion Ratio Lower Upper

105 100

77 81.6 65.9 98.9

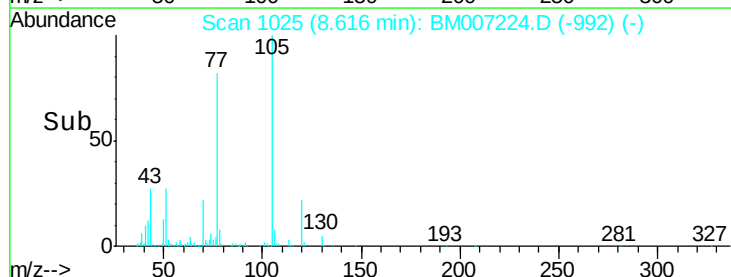
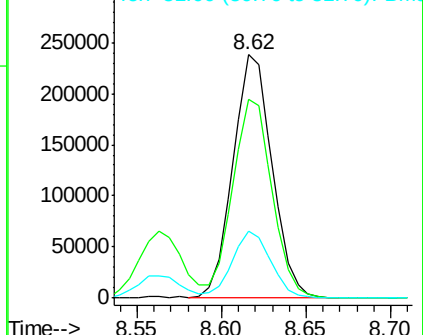
51 27.5 22.2 33.2

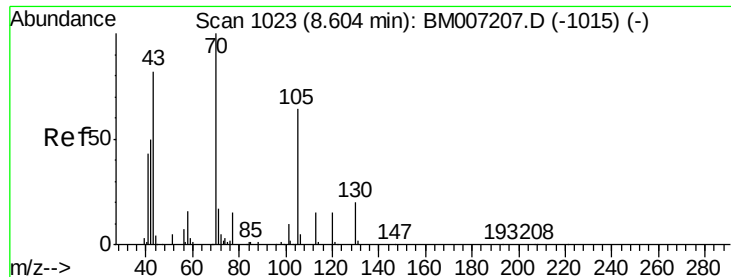


Abundance Ion 105.00 (104.70 to 105.70): BM007207.D (-1019) (-)

Ion 77.00 (76.70 to 77.70): BM007207.D (-1019) (-)

Ion 51.00 (50.70 to 51.70): BM007207.D (-1019) (-)

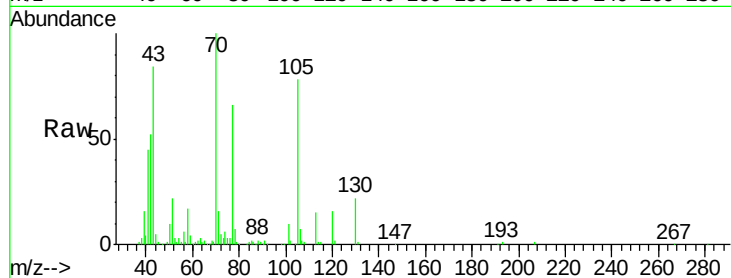




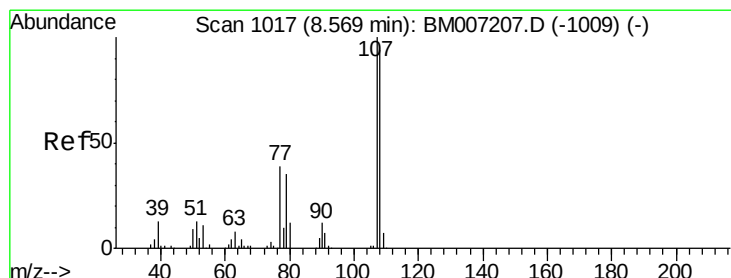
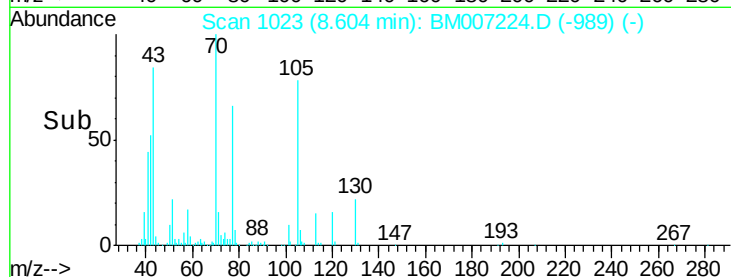
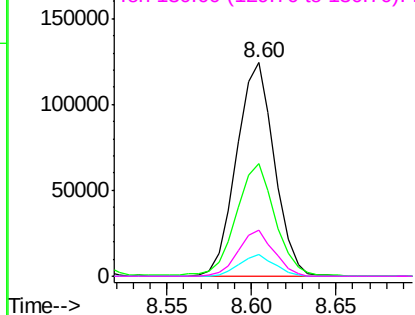
#15
N-Nitroso-di-n-propylamine
Concen: 18.77 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Instrument :
BNA_M
ClientSampleId :
E5N39

Tgt Ion:	70	Resp:	193409
Ion	Ratio	Lower	Upper
70	100		
42	52.5	43.4	65.2
101	10.0	7.8	11.6
130	21.6	16.2	24.4

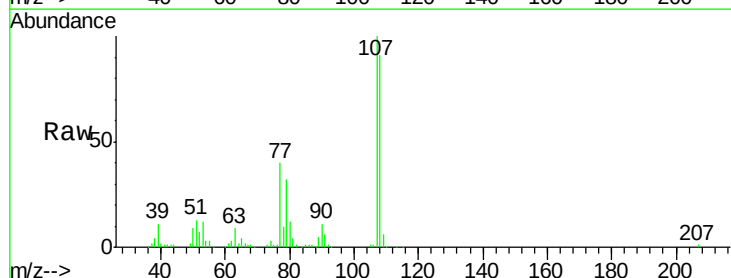


Abundance Ion 70.00 (69.70 to 70.70): BM007207.D (-1015) (-)
Ion 42.00 (41.70 to 42.70): BM007207.D (-1015) (-)
Ion 101.00 (100.70 to 101.70): BM007207.D (-1015) (-)
Ion 130.00 (129.70 to 130.70): BM007207.D (-1015) (-)

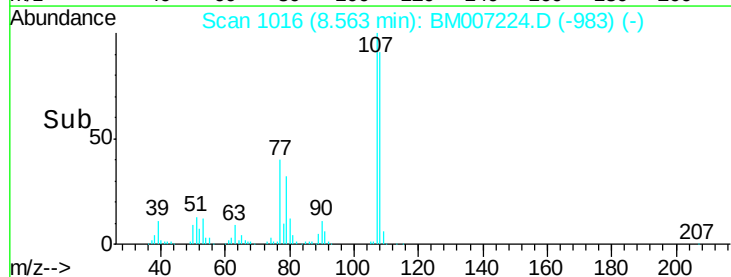
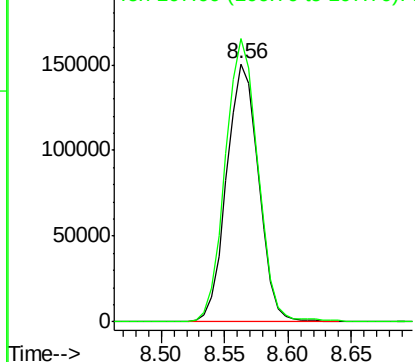


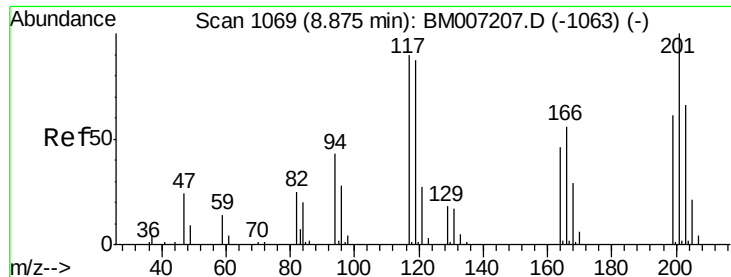
#16
4-Methylphenol
Concen: 19.48 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion:	108	Resp:	263185
Ion	Ratio	Lower	Upper
108	100		
107	109.7	87.8	131.8



Abundance Ion 108.00 (107.70 to 108.70): BM007207.D (-1009) (-)
Ion 107.00 (106.70 to 107.70): BM007207.D (-1009) (-)

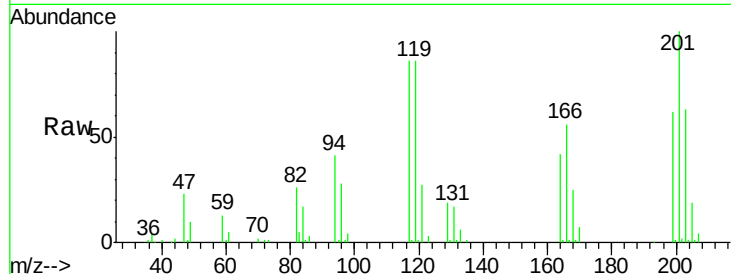




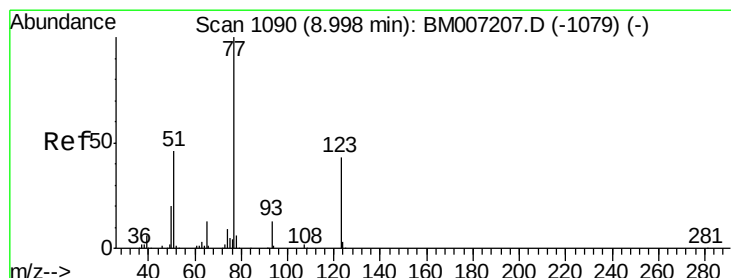
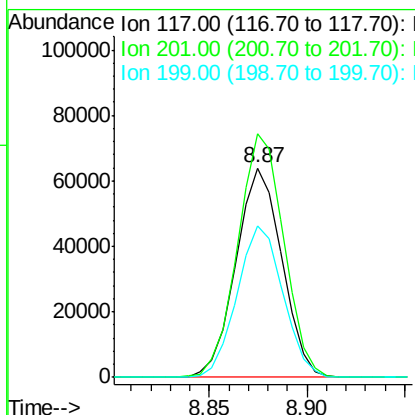
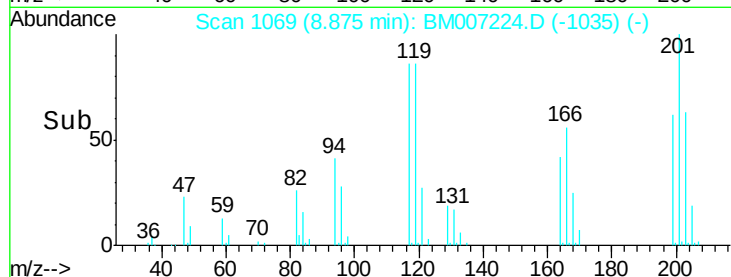
#17
 Hexachloroethane
 Concen: 19.64 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Instrument :
 BNA_M
 ClientSampled :
 E5N39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	116.2	90.3	135.5
199	72.0	58.5	87.7

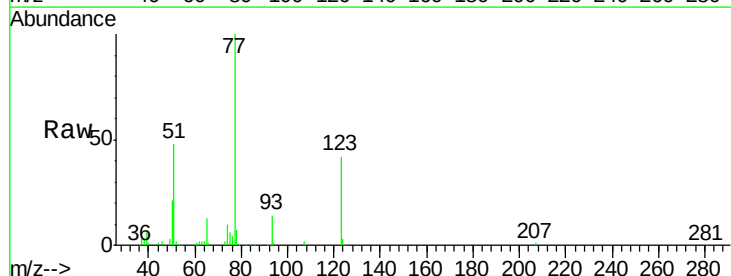


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

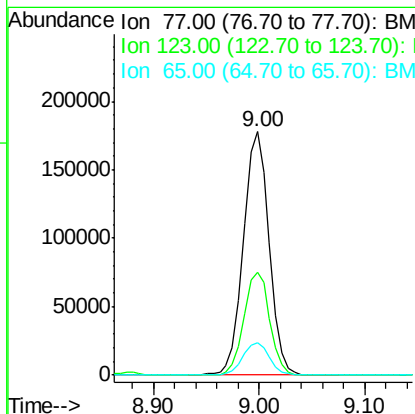
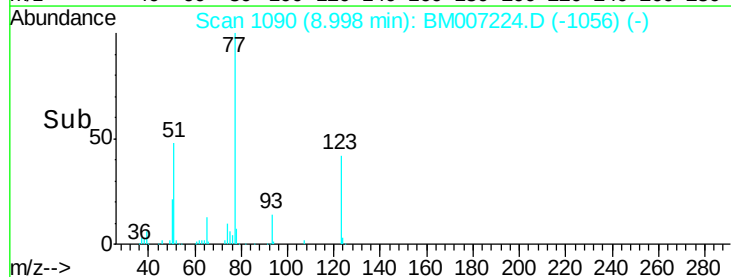


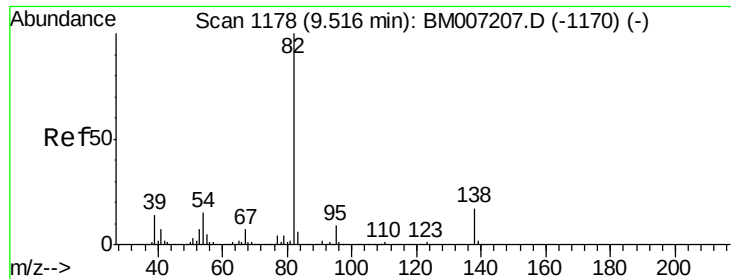
#20
 Nitrobenzene
 Concen: 20.87 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.2	51.4
65	13.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BM
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.03 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

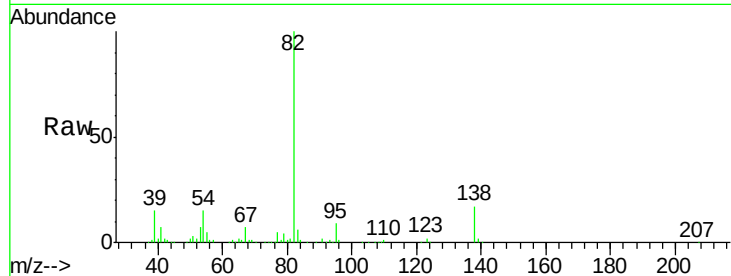
Tgt Ion: 82 Resp: 513309

Ion Ratio Lower Upper

82 100

95 9.1 6.9 10.3

138 17.3 13.8 20.8

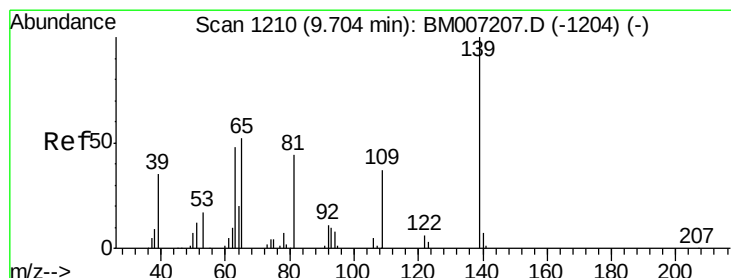
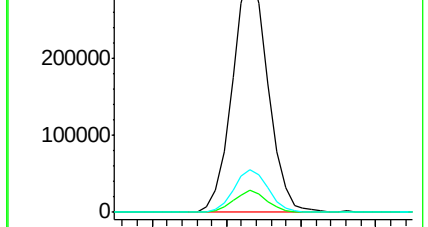
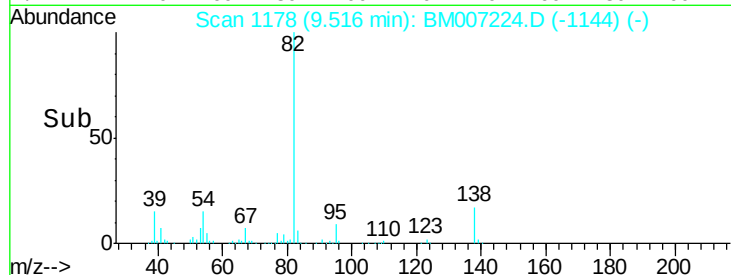


Abundance Ion 82.00 (81.70 to 82.70): BM007207.D (-1170) (-)

Ion 95.00 (94.70 to 95.70): BM007207.D (-1170) (-)

Ion 138.00 (137.70 to 138.70): BM007207.D (-1170) (-)

Time-->



#23

2-Nitrophenol

Concen: 21.49 ng/ul

RT: 9.70 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

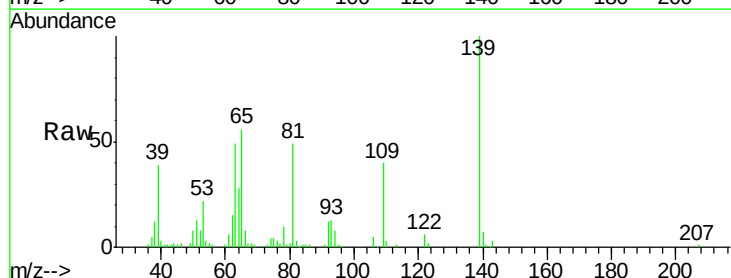
Tgt Ion: 139 Resp: 140500

Ion Ratio Lower Upper

139 100

65 56.0 44.2 66.4

109 40.1 28.2 42.4

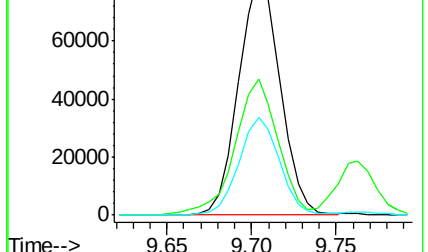
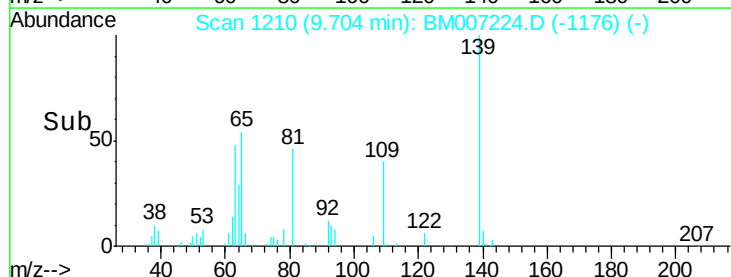


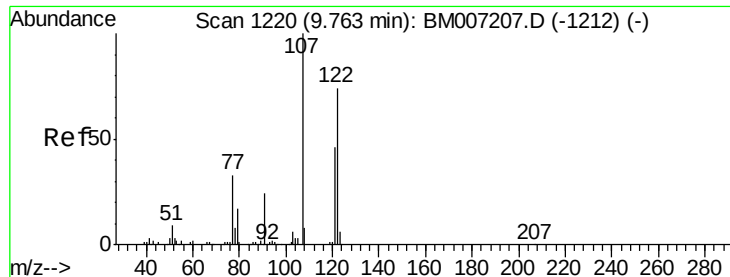
Abundance Ion 139.00 (138.70 to 139.70): BM007207.D (-1204) (-)

Ion 65.00 (64.70 to 65.70): BM007207.D (-1204) (-)

Ion 109.00 (108.70 to 109.70): BM007207.D (-1204) (-)

Time-->

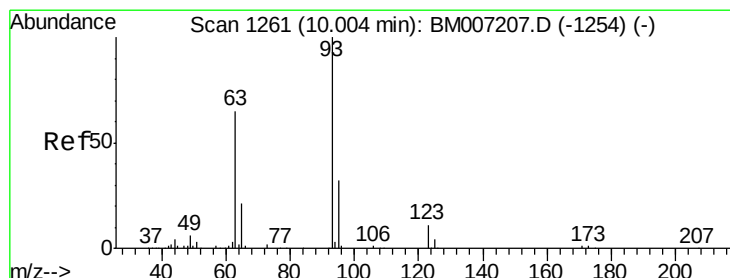
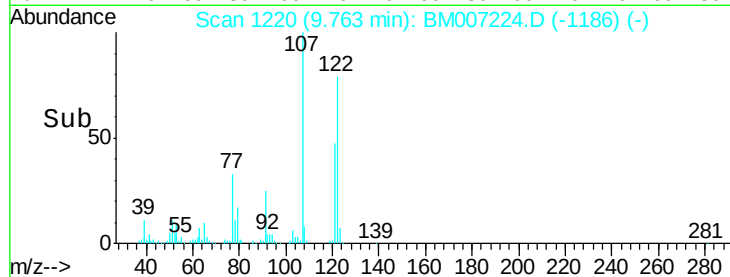
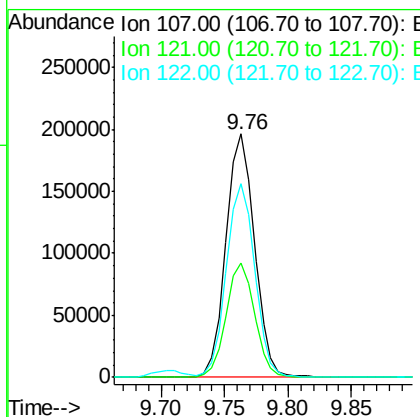
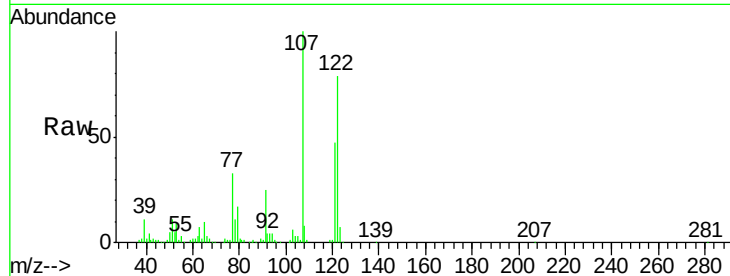




#24
 2,4-Dimethylphenol
 Concen: 20.51 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

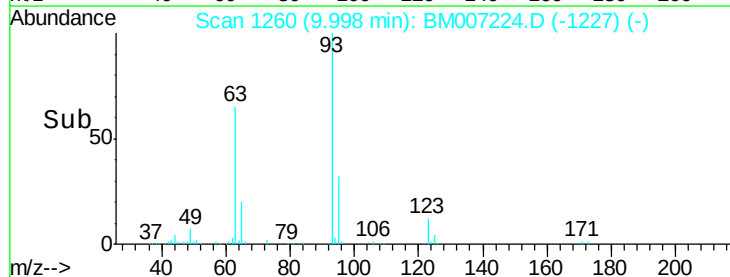
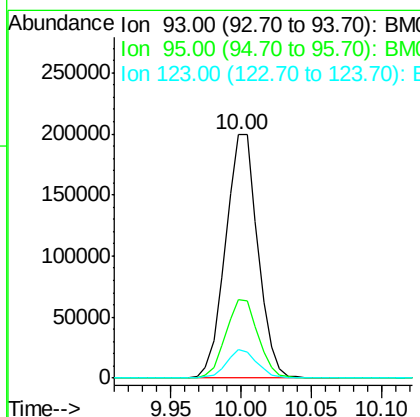
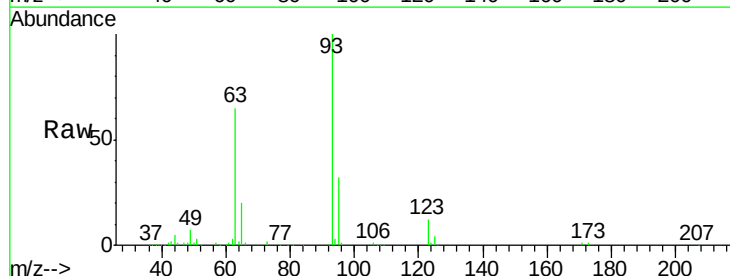
Instrument :
 BNA_M
 ClientSampled :
 E5N39

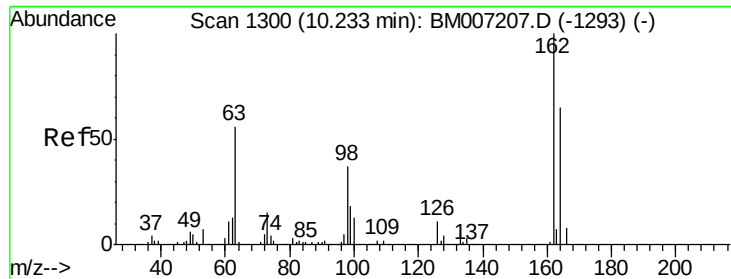
Tgt Ion: 107 Resp: 307293
 Ion Ratio Lower Upper
 107 100
 121 46.9 37.1 55.7
 122 79.4 62.8 94.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.61 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion: 93 Resp: 317550
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.4 38.0
 123 11.5 8.3 12.5

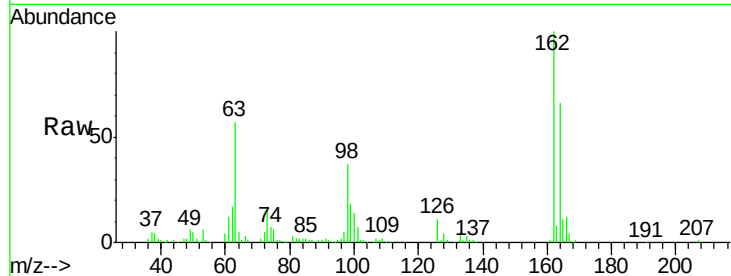




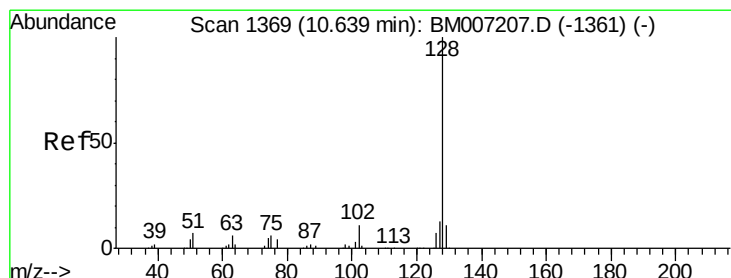
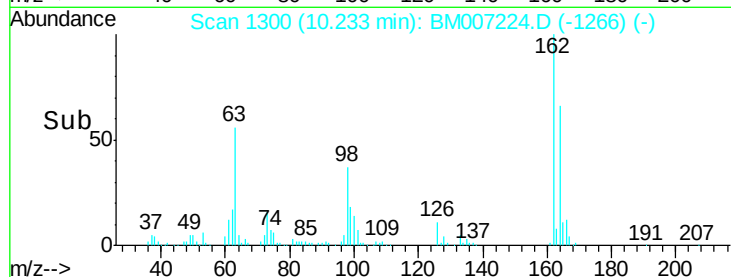
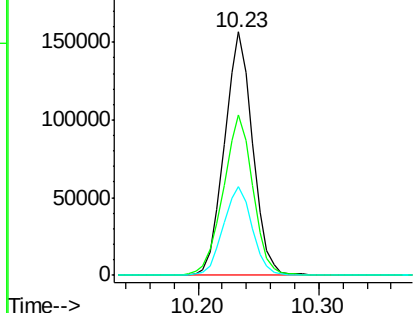
#27
2,4-Dichlorophenol
Concen: 20.37 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Instrument :
BNA_M
ClientSampleId :
E5N39

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	51.6	77.4
98	36.6	28.4	42.6

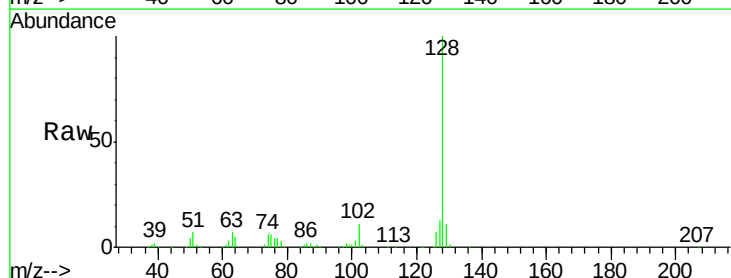


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

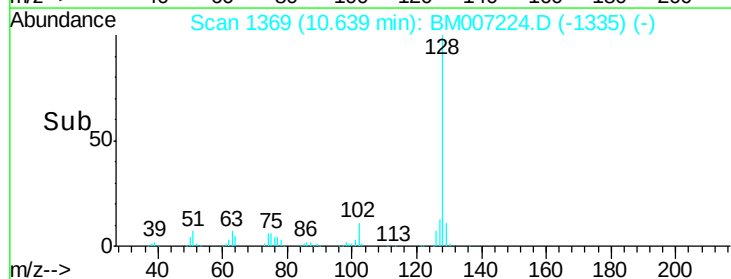
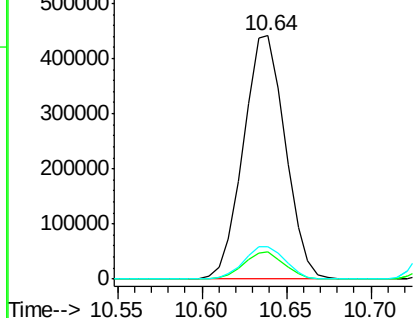


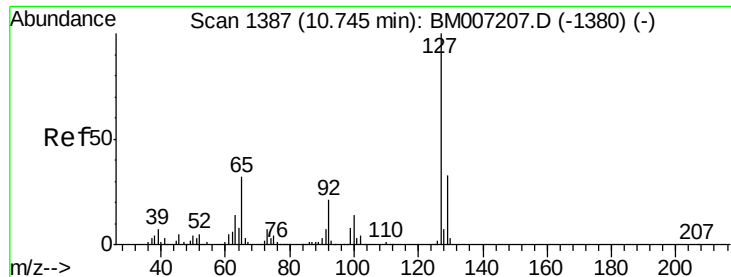
#28
Naphthalene
Concen: 20.05 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.1	10.6	15.8



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

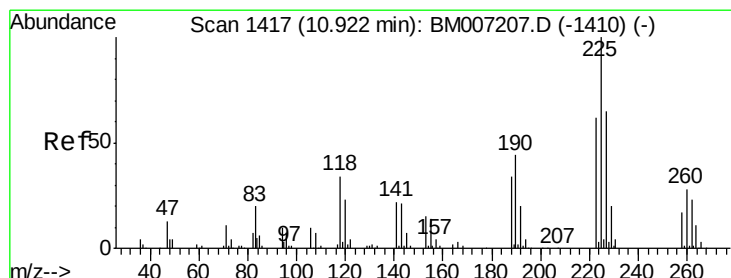
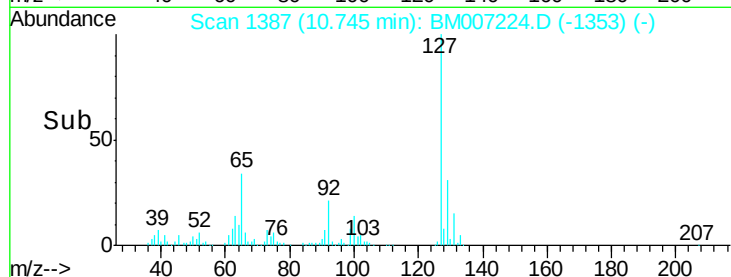
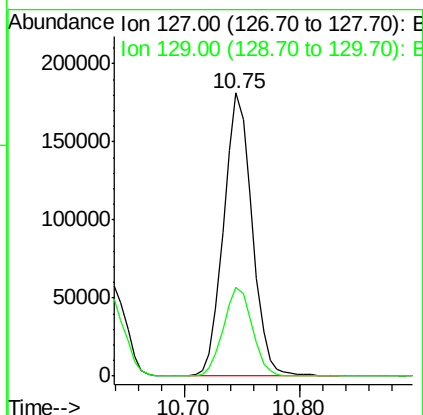
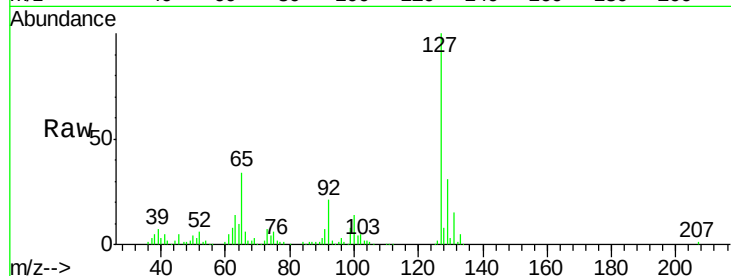




#30
4-Chloroaniline
Concen: 20.19 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

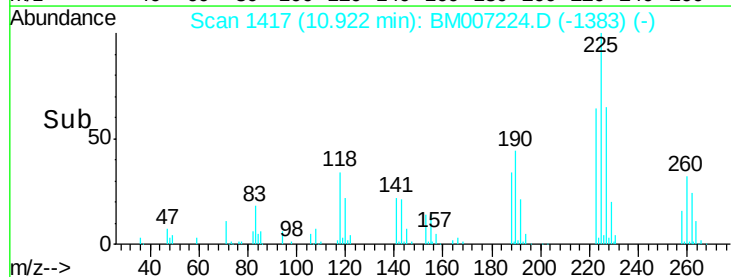
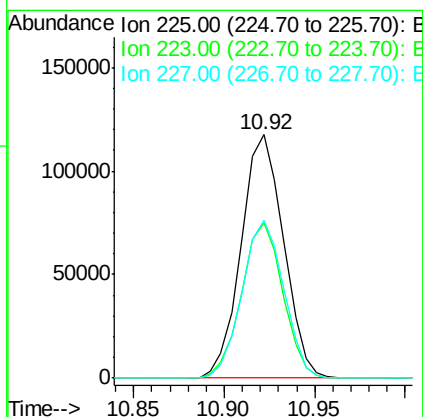
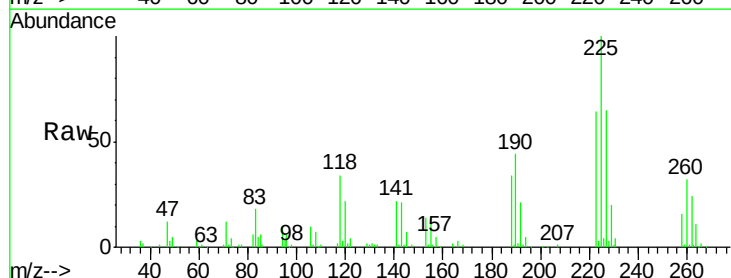
Instrument :
BNA_M
ClientSampleId :
E5N39

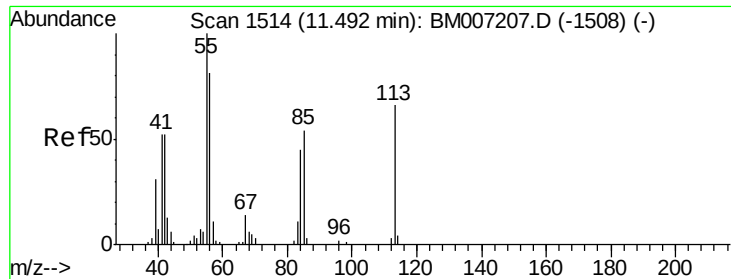
Tgt Ion:127 Resp: 308491
Ion Ratio Lower Upper
127 100
129 31.4 24.6 37.0



#31
Hexachlorobutadiene
Concen: 20.74 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion:225 Resp: 191227
Ion Ratio Lower Upper
225 100
223 63.8 51.2 76.8
227 64.8 52.5 78.7





#32

Caprolactam

Concen: 16.93 ng/ul

RT: 11.49 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampled :

E5N39

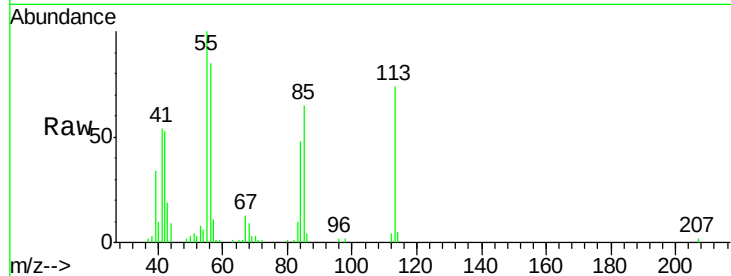
Tgt Ion:113 Resp: 71533

Ion Ratio Lower Upper

113 100

55 135.7 121.9 182.9

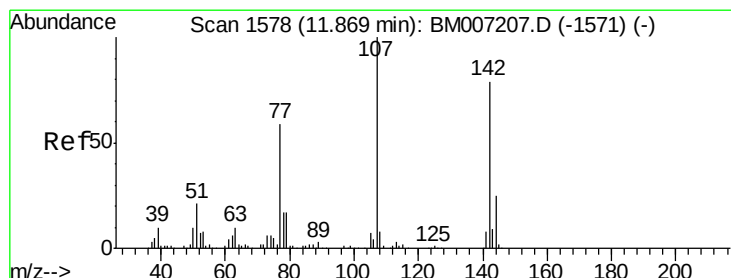
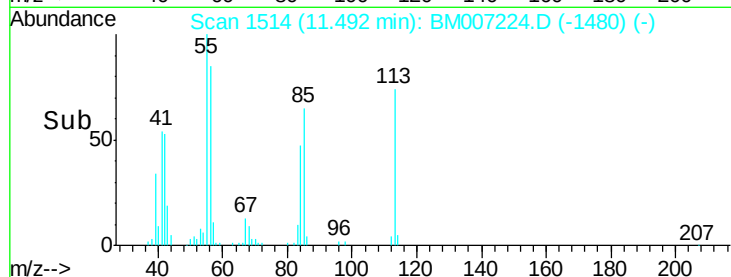
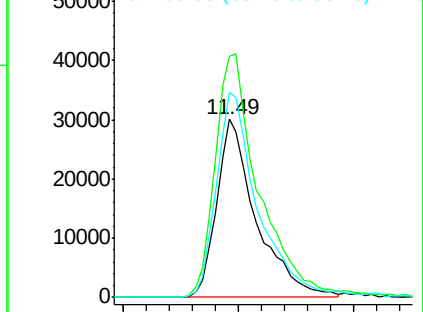
56 115.6 97.4 146.0



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



#33

4-Chloro-3-methylphenol

Concen: 19.55 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

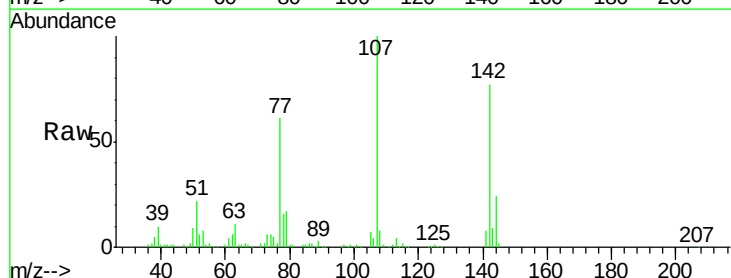
Tgt Ion:107 Resp: 266469

Ion Ratio Lower Upper

107 100

144 23.8 21.1 31.7

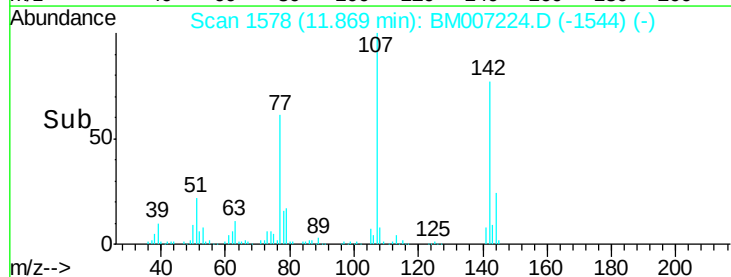
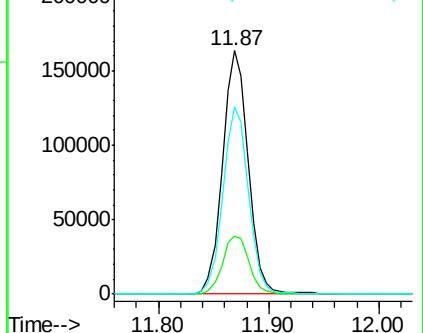
142 76.7 64.1 96.1

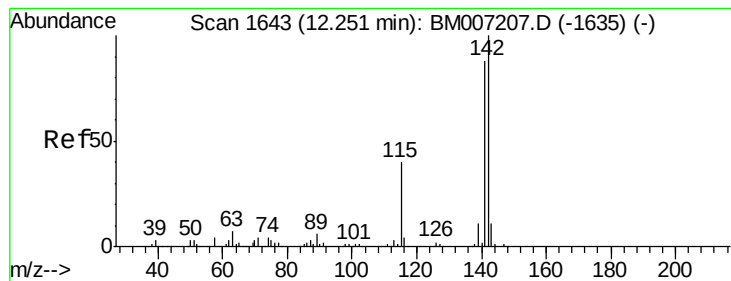


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.53 ng/ul

RT: 12.25 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

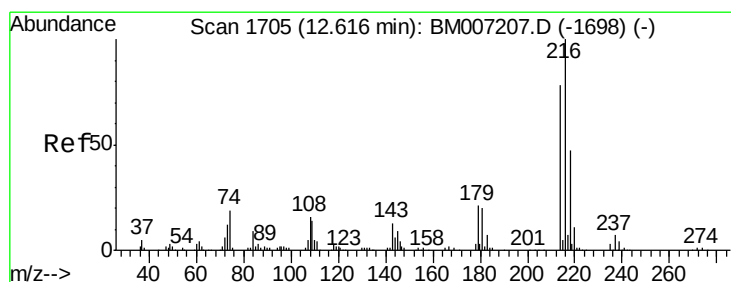
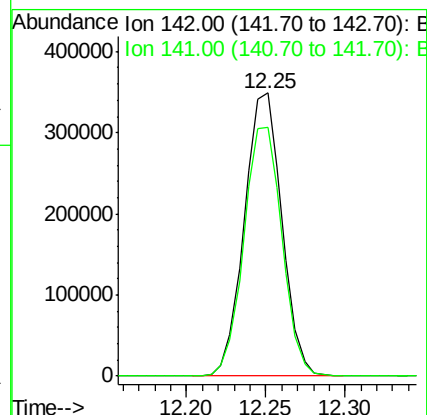
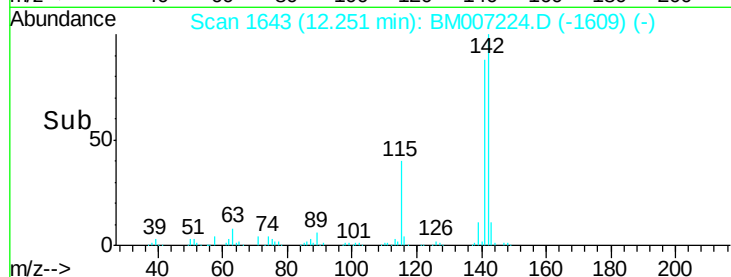
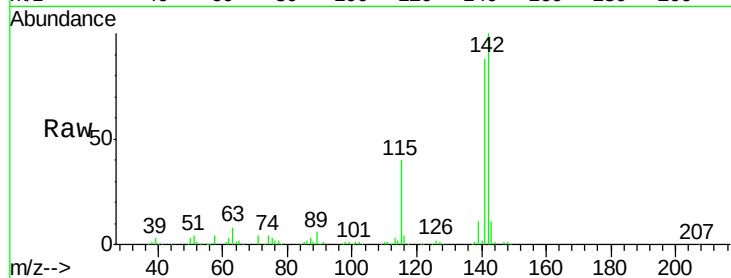
E5N39

Tgt Ion:142 Resp: 574574

Ion Ratio Lower Upper

142 100

141 88.0 71.3 106.9



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.00 ng/ul

RT: 12.62 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Tgt Ion:216 Resp: 344037

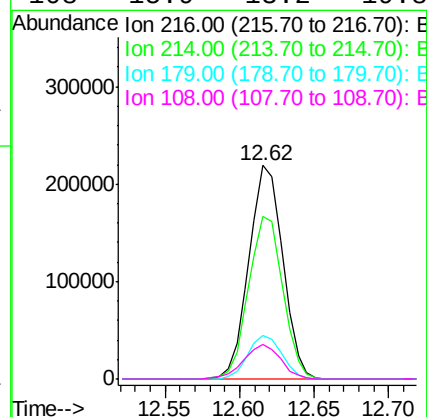
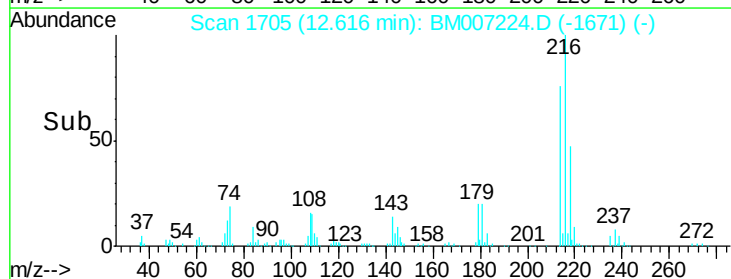
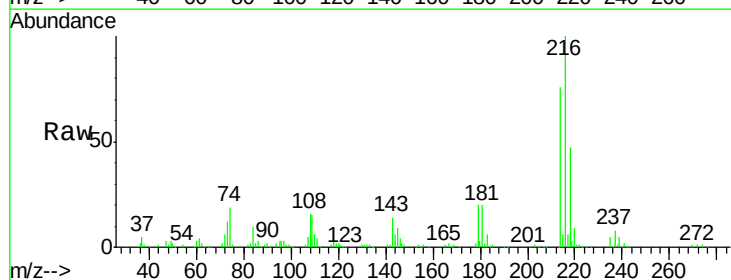
Ion Ratio Lower Upper

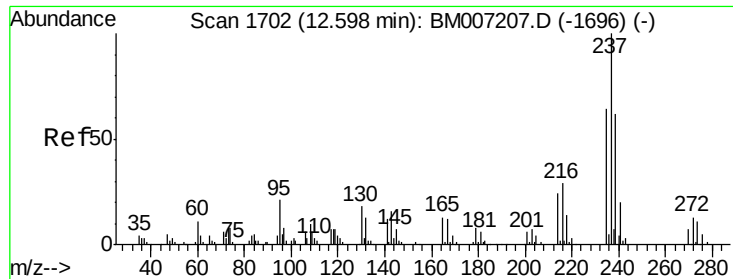
216 100

214 76.3 64.8 97.2

179 20.3 16.7 25.1

108 15.9 13.2 19.8

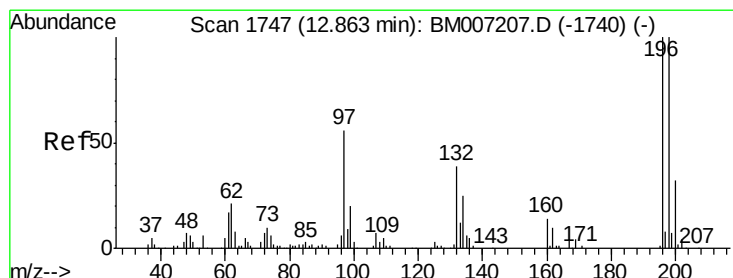
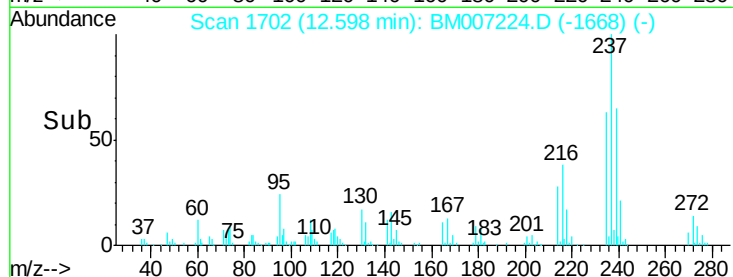
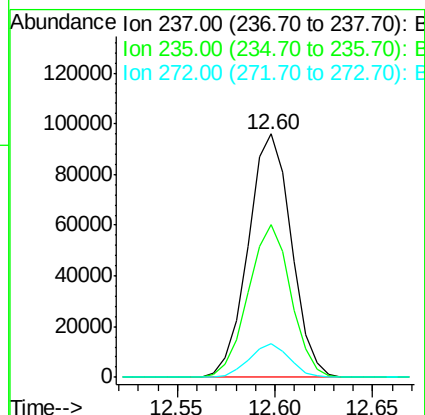
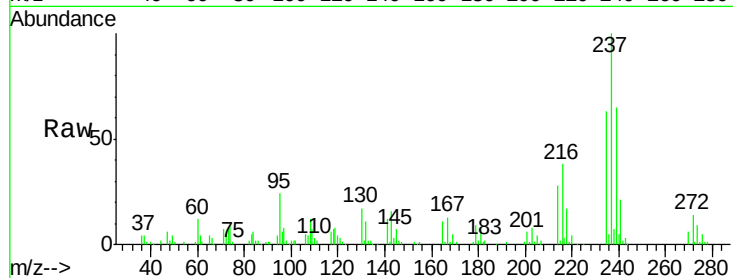




#37
Hexachlorocyclopentadiene
Concen: 14.78 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

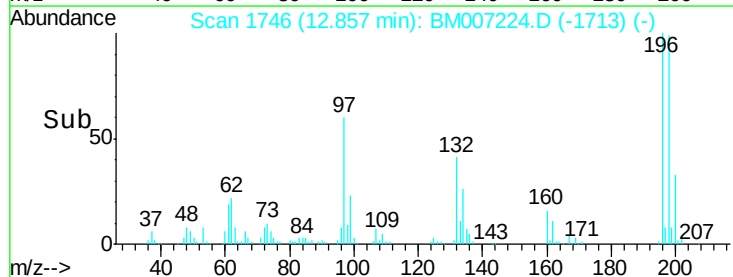
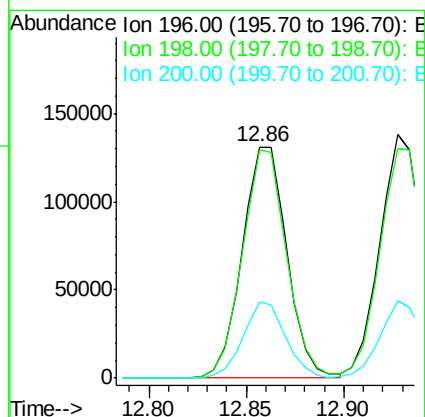
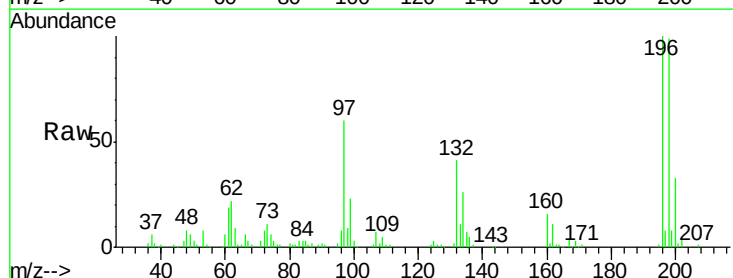
Instrument :
BNA_M
ClientSampleId :
E5N39

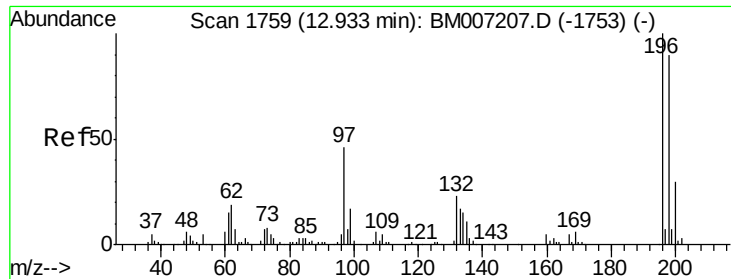
Tgt Ion:237 Resp: 147164
Ion Ratio Lower Upper
237 100
235 62.6 49.6 74.4
272 14.5 10.4 15.6



#38
2,4,6-Trichlorophenol
Concen: 20.74 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion:196 Resp: 208001
Ion Ratio Lower Upper
196 100
198 98.6 76.9 115.3
200 32.8 25.1 37.7

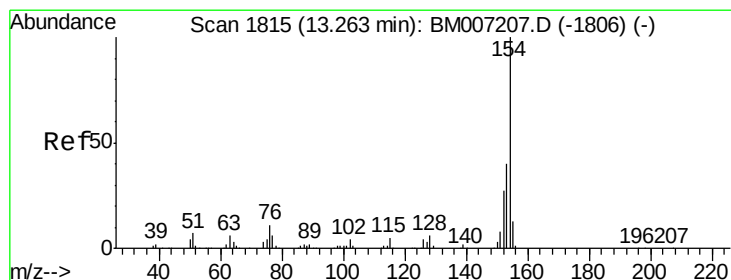
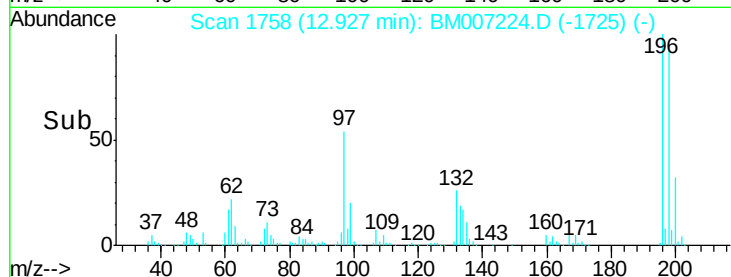
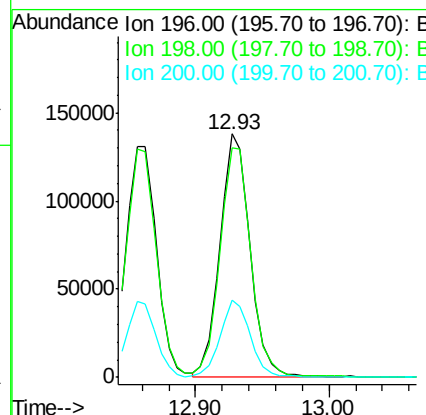
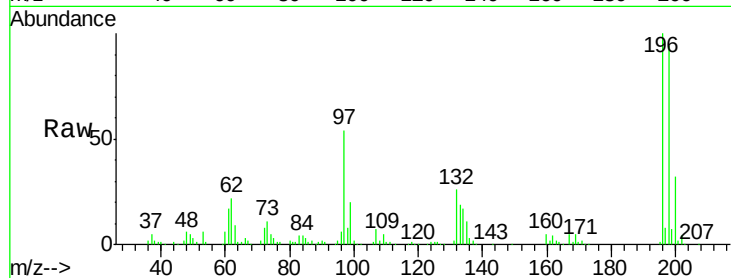




#39
 2,4,5-Trichlorophenol
 Concen: 20.75 ng/ul
 RT: 12.93 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

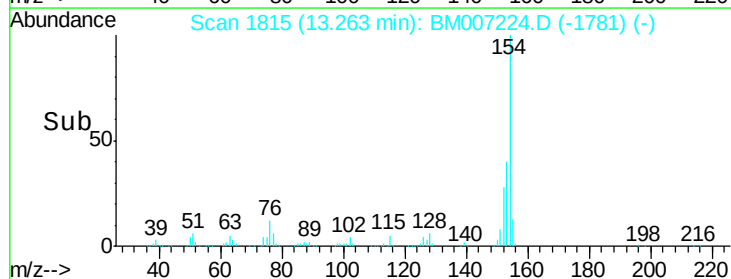
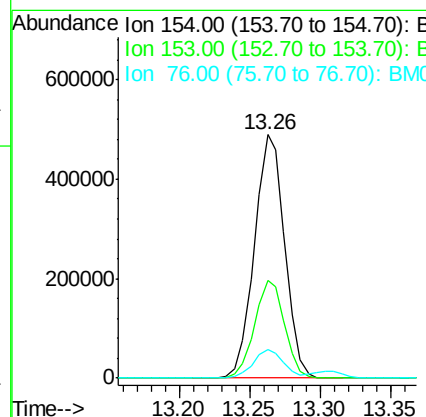
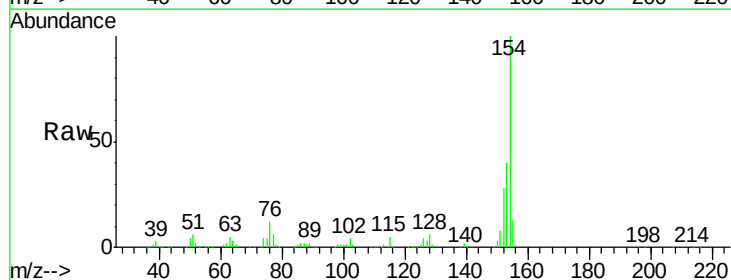
Instrument :
 BNA_M
 ClientSampleId :
 E5N39

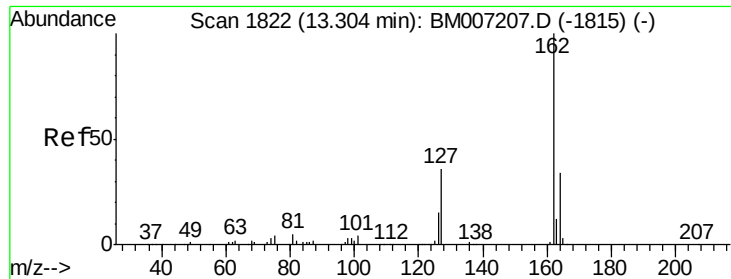
Tgt Ion:196 Resp: 217955
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.8 115.2
 200 31.5 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 20.76 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion:154 Resp: 736668
 Ion Ratio Lower Upper
 154 100
 153 40.2 31.3 46.9
 76 11.7 10.0 15.0

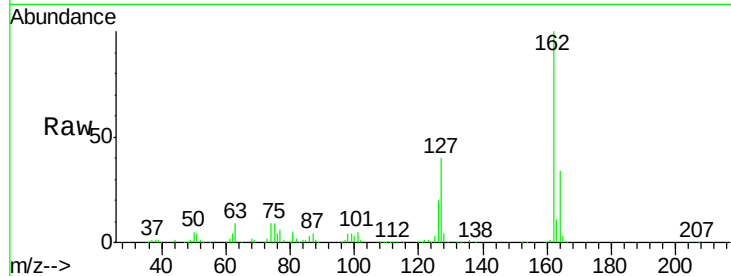




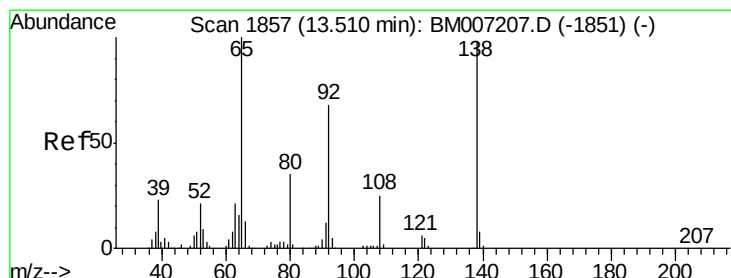
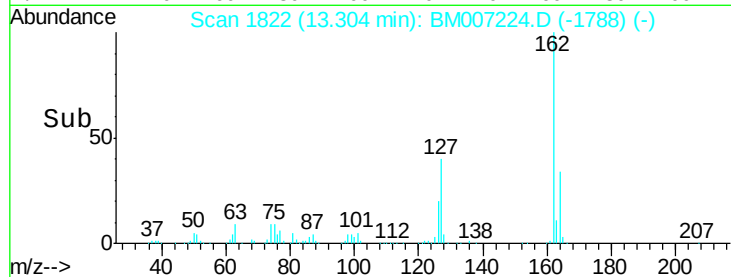
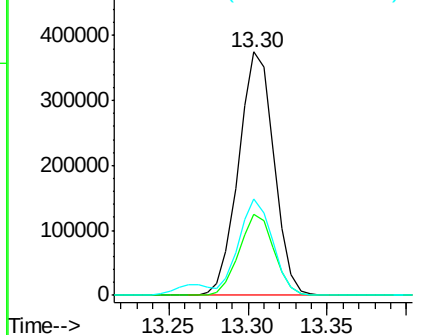
#41
 2-Chloronaphthalene
 Concen: 20.83 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Instrument :
 BNA_M
 ClientSampleId :
 E5N39

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.5	26.9	40.3
127	39.8	31.2	46.8

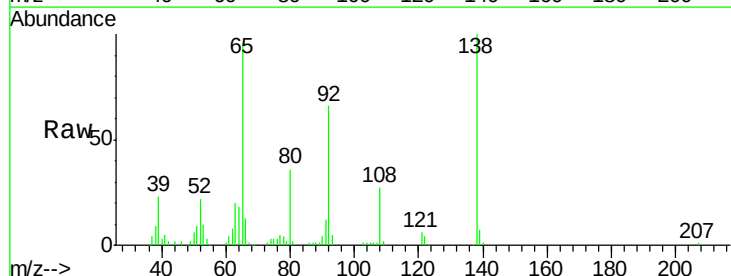


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

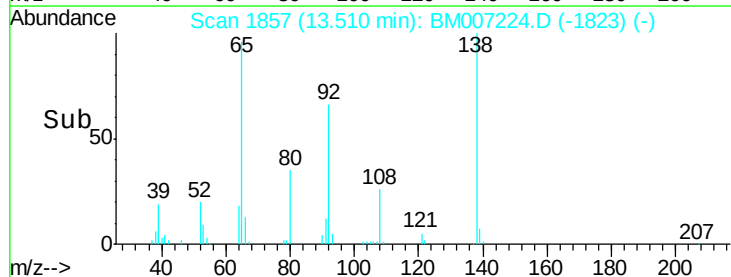
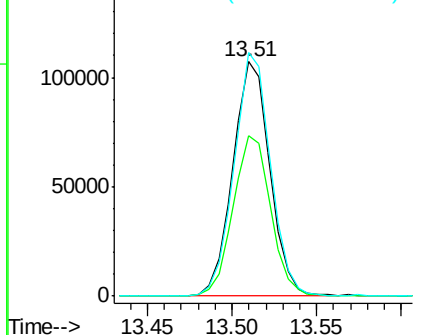


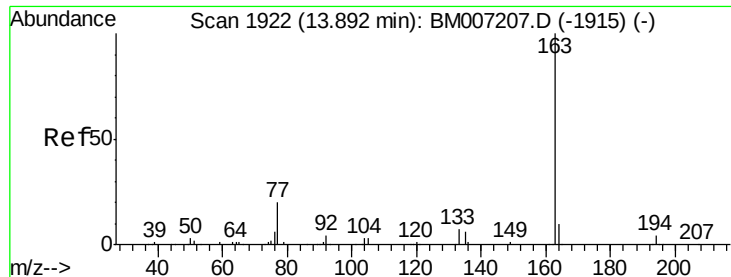
#42
 2-Nitroaniline
 Concen: 20.58 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.6	83.4
138	104.0	81.3	121.9



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





#44

Dimethylphthalate

Concen: 19.37 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

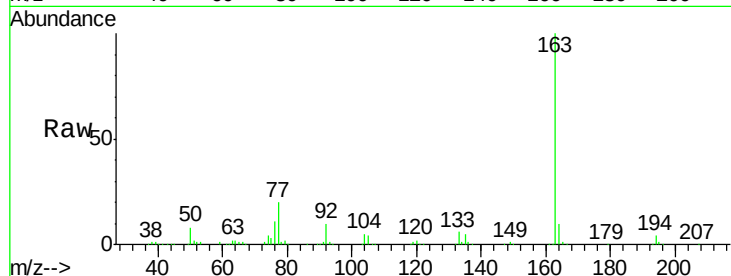
Tgt Ion:163 Resp: 707529

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

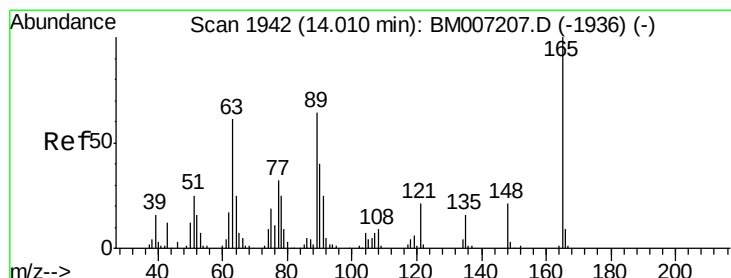
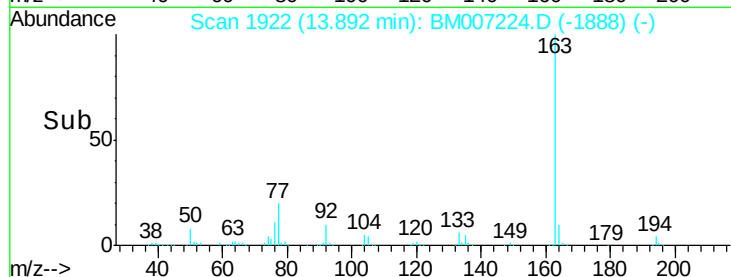
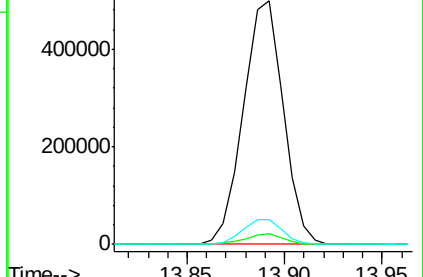
164 10.0 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 20.51 ng/ul

RT: 14.01 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

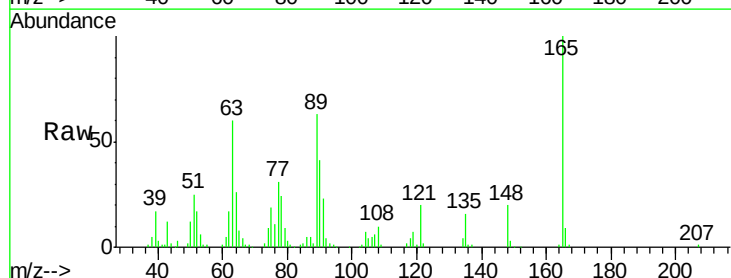
Tgt Ion:165 Resp: 145569

Ion Ratio Lower Upper

165 100

89 63.3 46.6 69.8

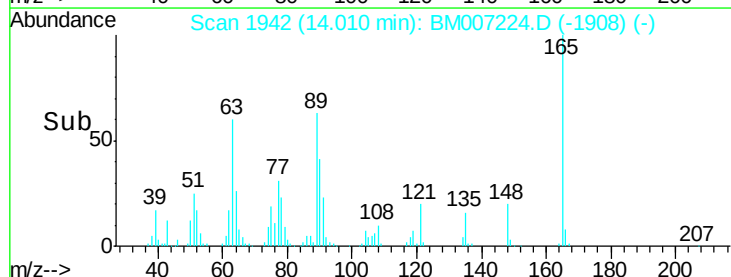
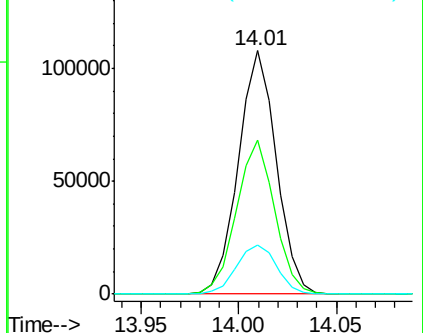
121 20.3 16.0 24.0

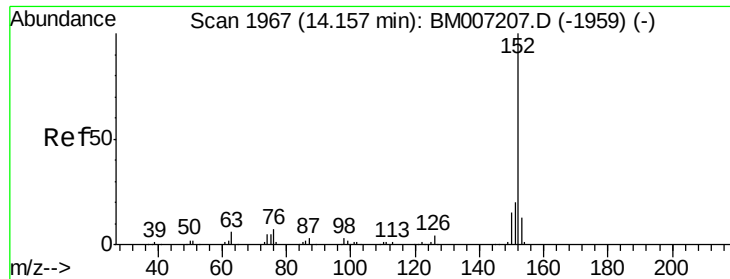


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E

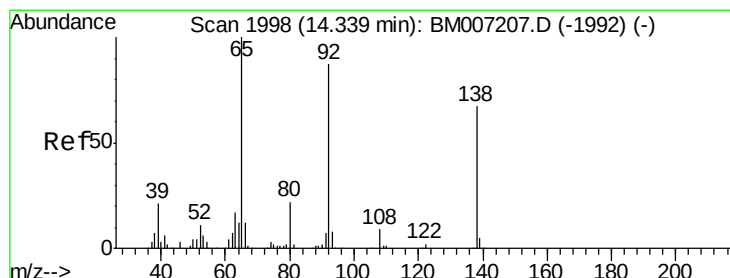
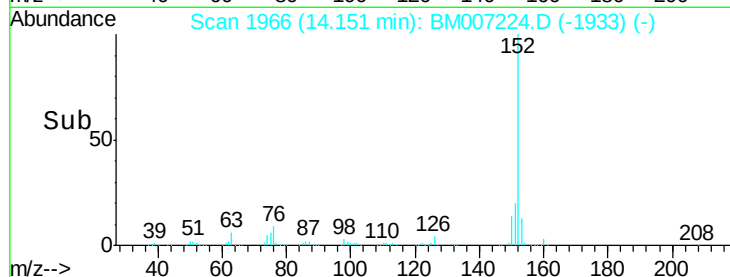
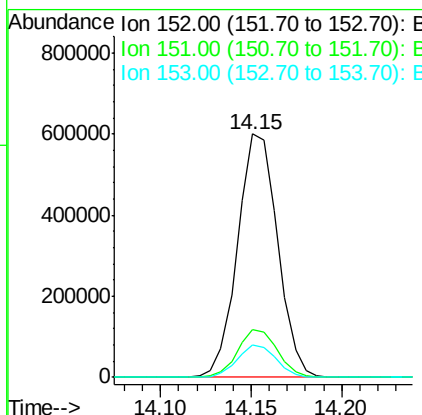
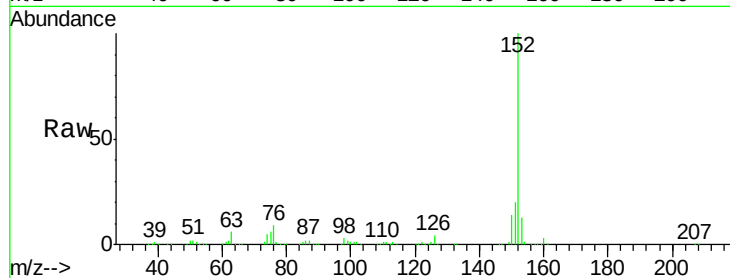




#47
Acenaphthylene
Concen: 20.38 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

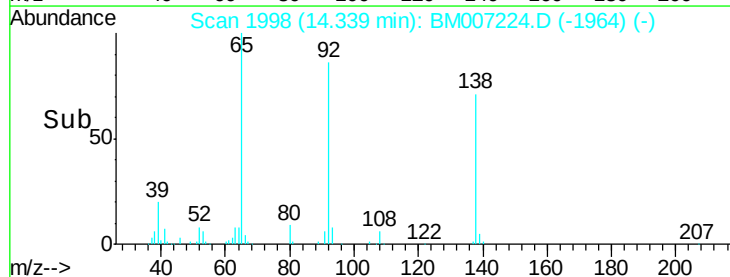
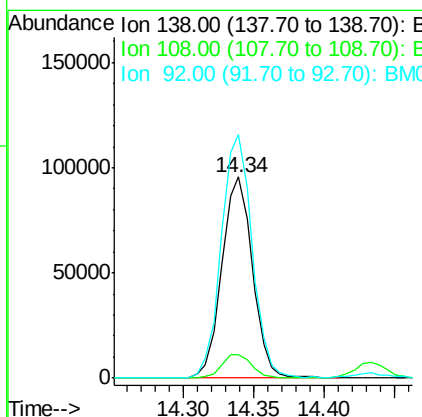
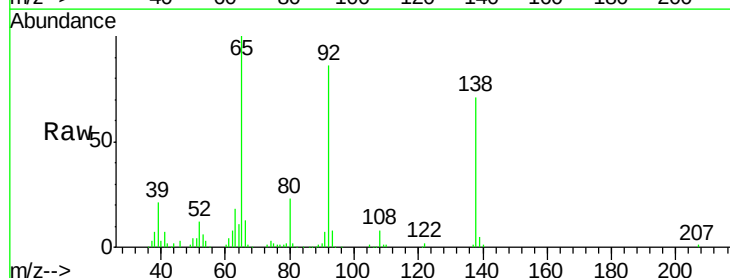
Instrument :
BNA_M
ClientSampleId :
E5N39

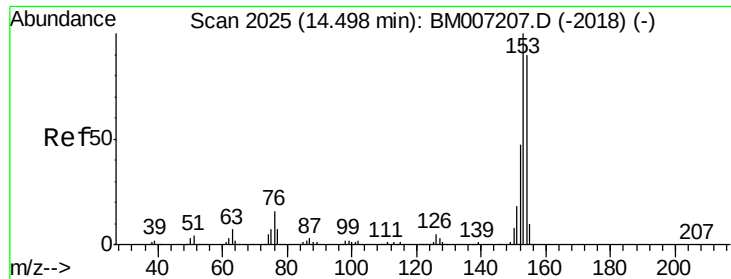
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.4	11.0	16.6



#48
3-Nitroaniline
Concen: 20.61 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.4	14.0
92	121.1	96.6	145.0





#49

Acenaphthene

Concen: 20.17 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

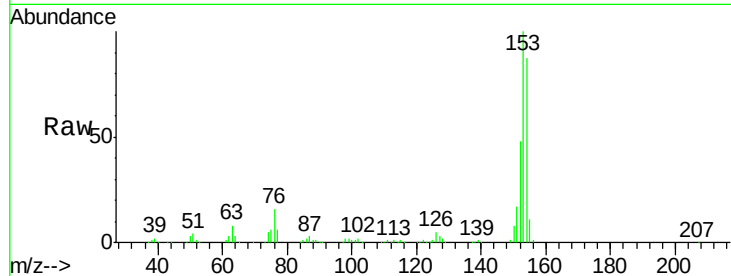
Tgt Ion:153 Resp: 591818

Ion Ratio Lower Upper

153 100

152 47.9 37.8 56.6

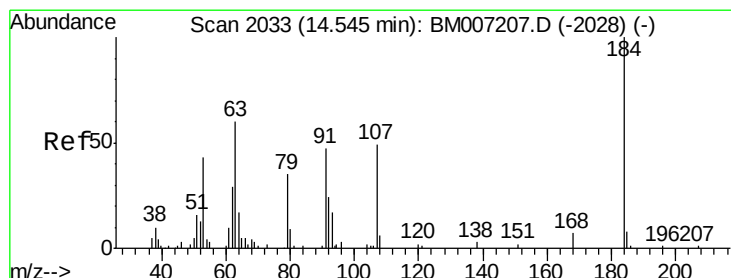
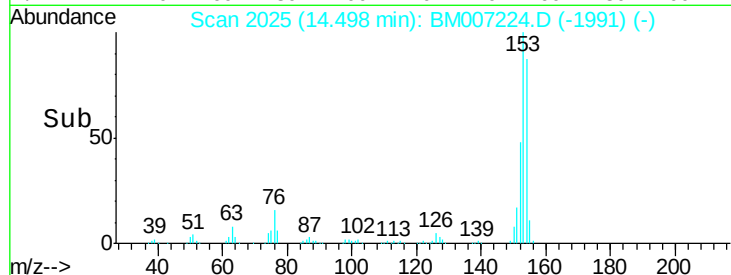
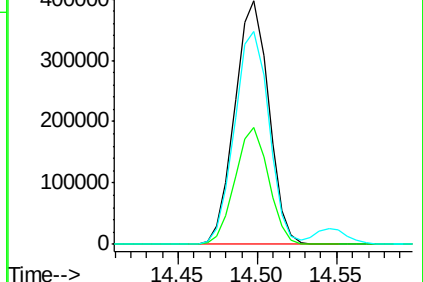
154 87.3 71.4 107.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.22 ng/ul

RT: 14.54 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

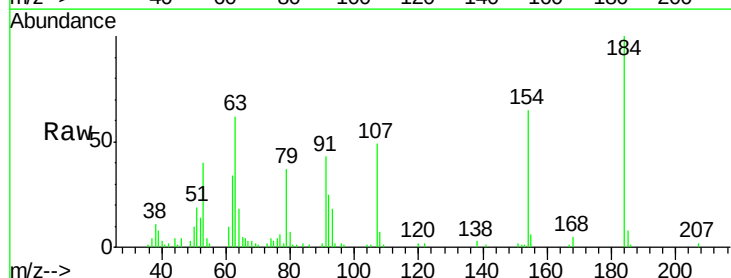
Tgt Ion:184 Resp: 59870

Ion Ratio Lower Upper

184 100

63 62.3 43.4 65.0

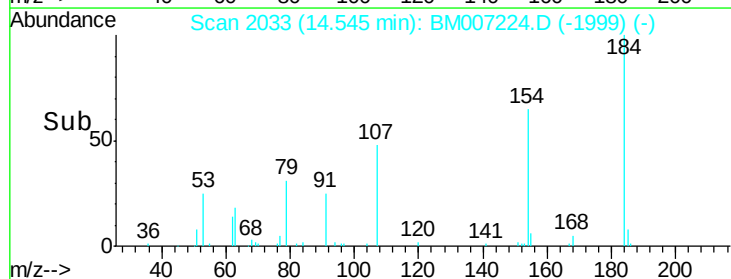
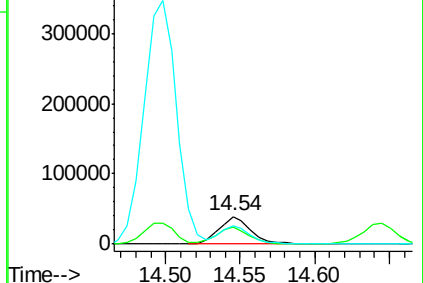
154 64.6 48.2 72.4

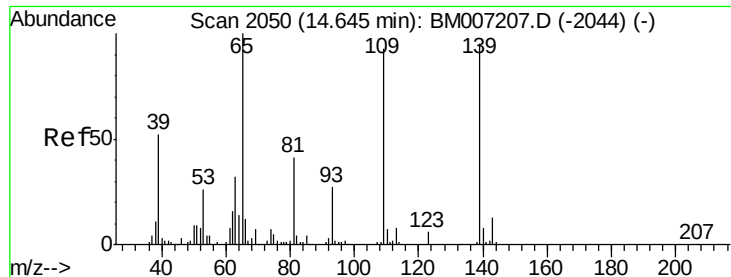


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.85 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

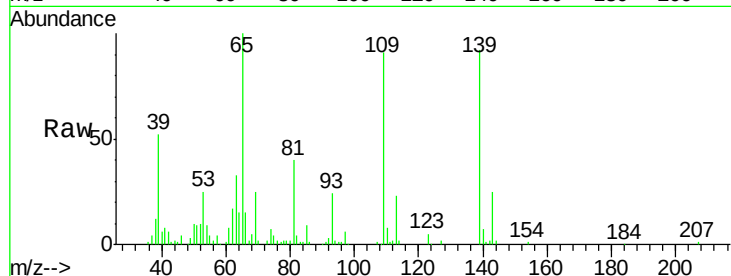
Tgt Ion:109 Resp: 125469

Ion Ratio Lower Upper

109 100

139 100.3 88.7 133.1

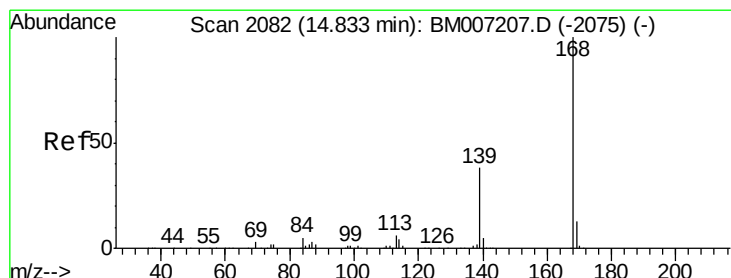
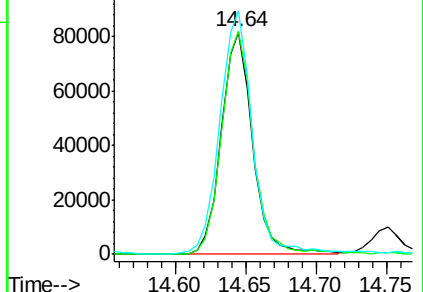
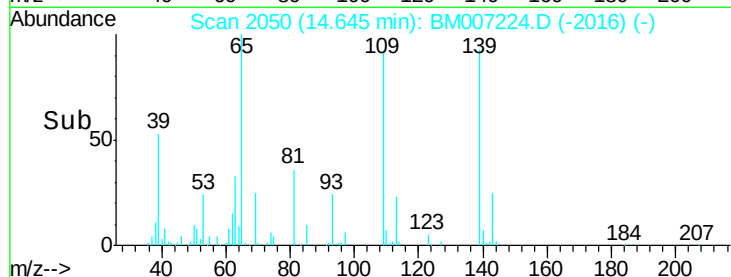
65 109.5 96.4 144.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.92 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM007224.D

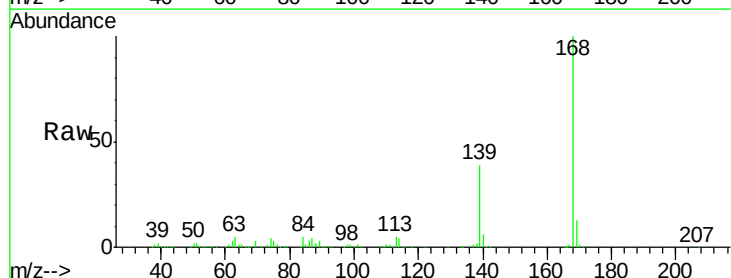
Acq: 19 Aug 2016 02:03

Tgt Ion:168 Resp: 867396

Ion Ratio Lower Upper

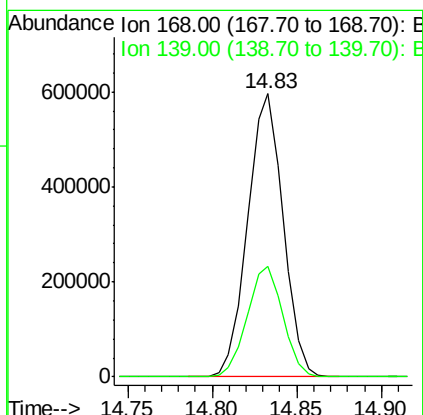
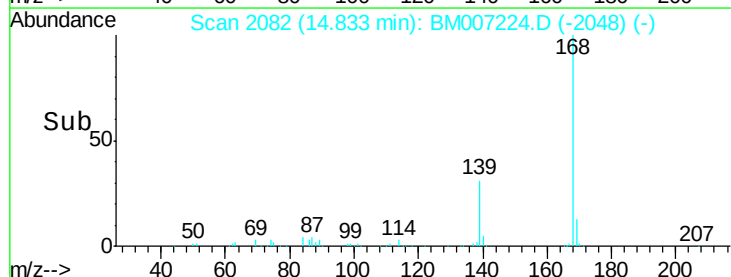
168 100

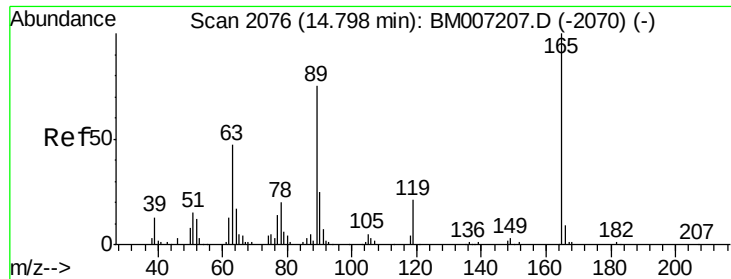
139 38.9 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

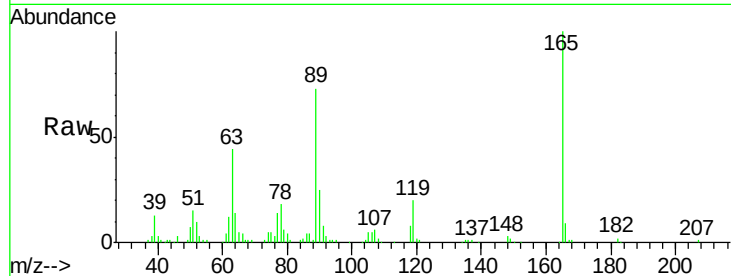




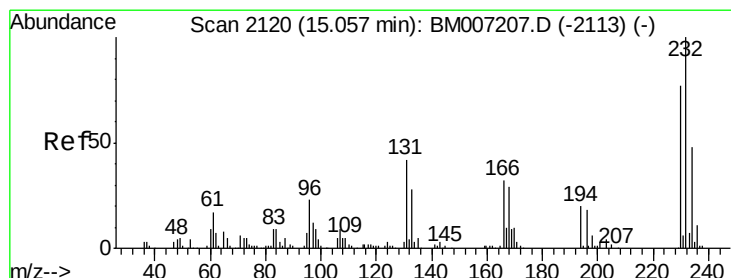
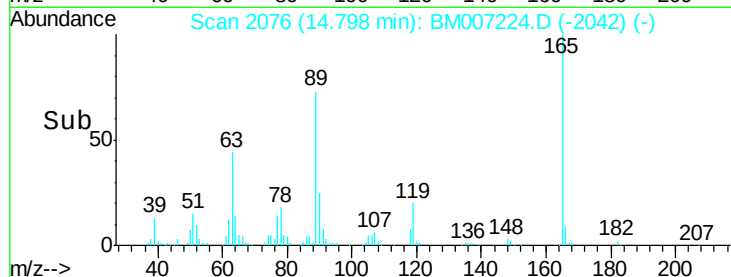
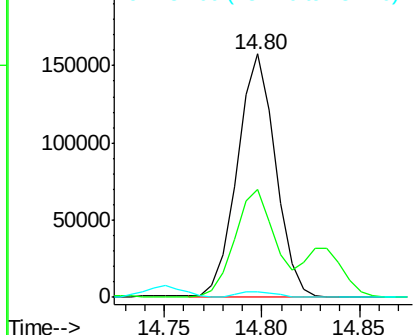
#54
 2,4-Dinitrotoluene
 Concen: 20.49 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Instrument :
 BNA_M
 ClientSampleId :
 E5N39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	36.2	54.2
182	2.3	2.2	3.4



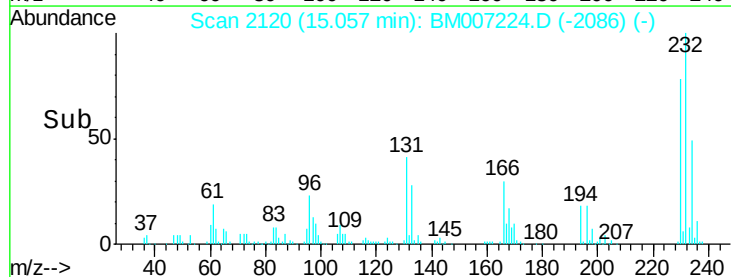
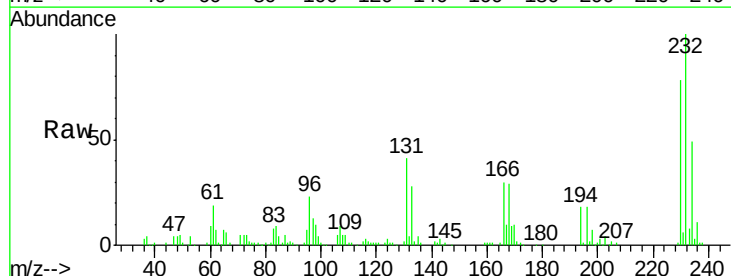
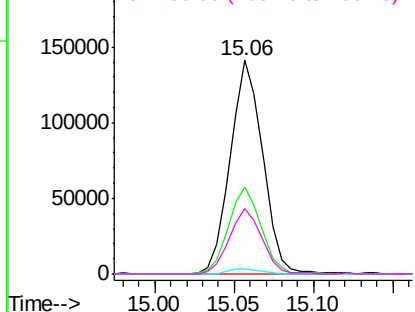
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 182.00 (181.70 to 182.70): E

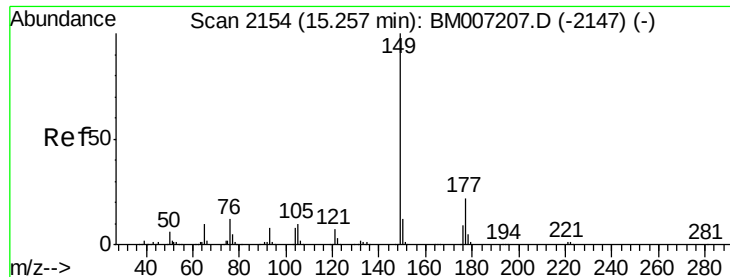


#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.79 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	31.4	47.0
130	2.4	1.6	2.4#
166	30.4	22.6	33.8

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





#56

Diethylphthalate

Concen: 18.35 ng/ul

RT: 15.26 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

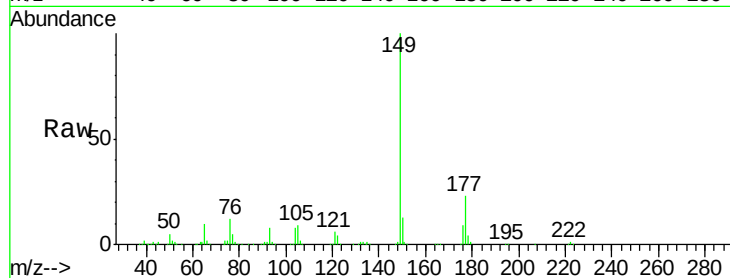
Tgt Ion:149 Resp: 707018

Ion Ratio Lower Upper

149 100

177 22.8 18.6 28.0

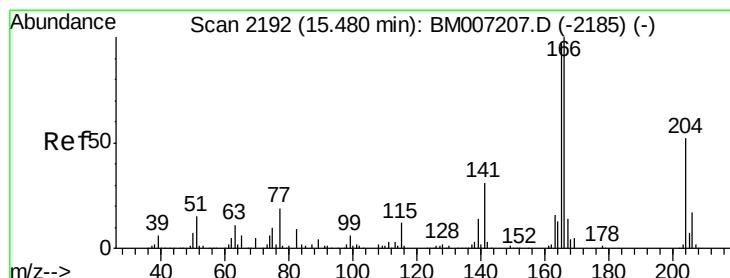
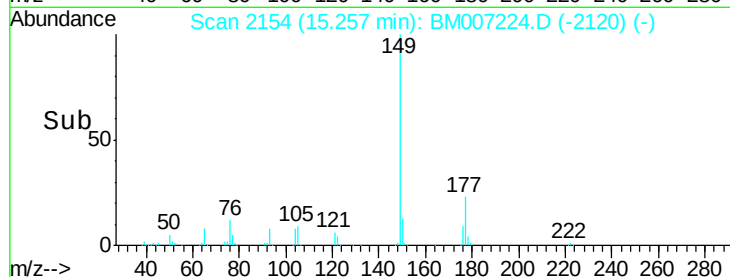
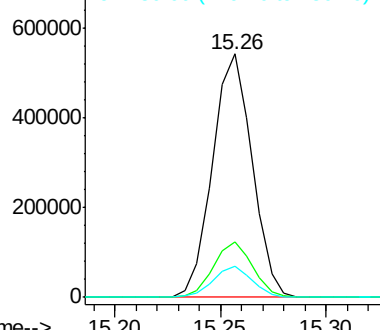
150 12.5 10.0 15.0



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



#58

Fluorene

Concen: 19.70 ng/ul

RT: 15.48 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

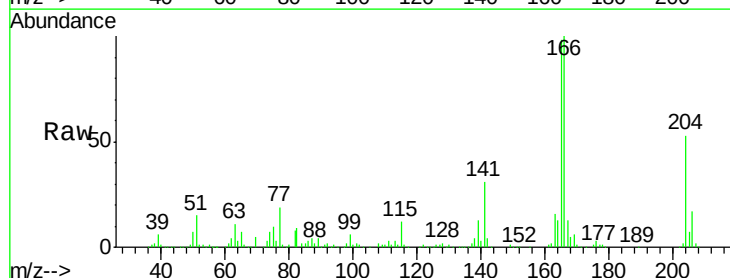
Tgt Ion:166 Resp: 691853

Ion Ratio Lower Upper

166 100

165 97.9 79.9 119.9

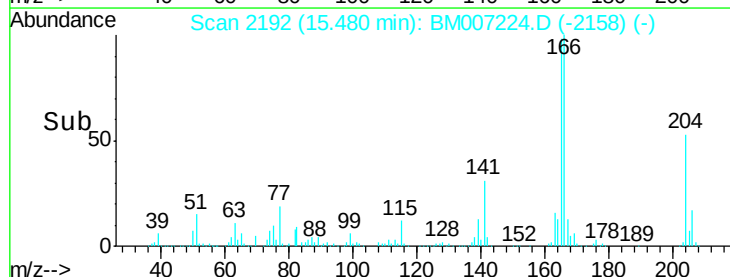
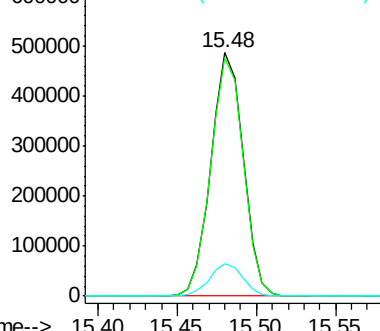
167 13.3 10.5 15.7

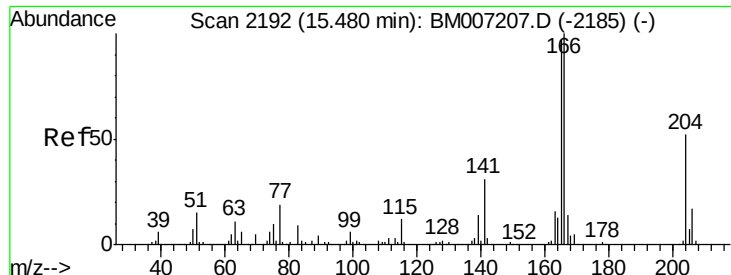


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

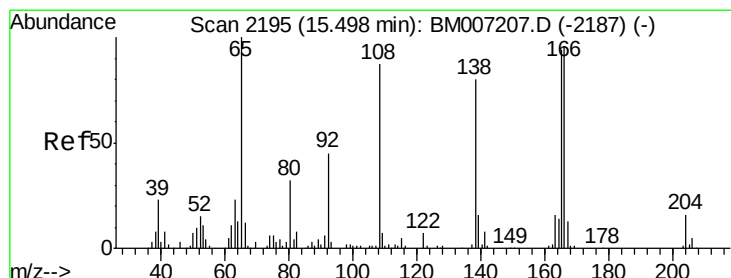
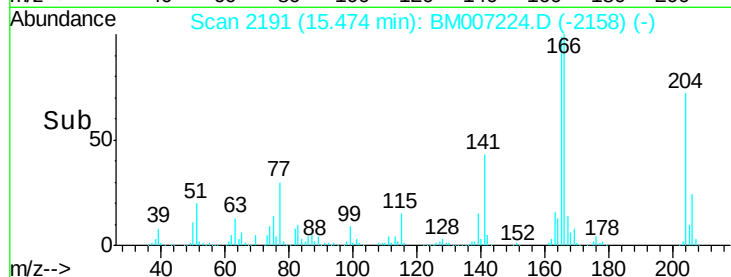
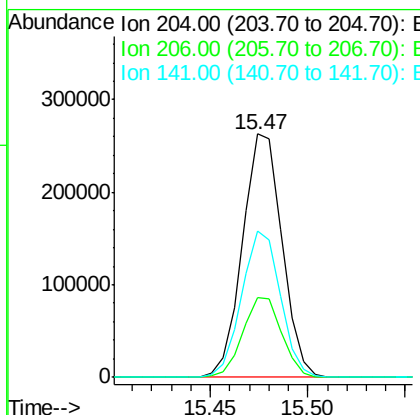
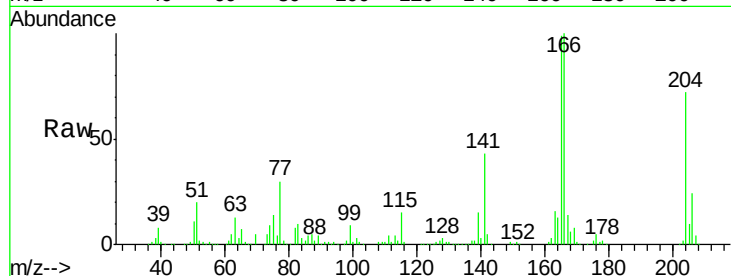




#59
 4-Chlorophenyl-phenylether
 Concen: 19.87 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

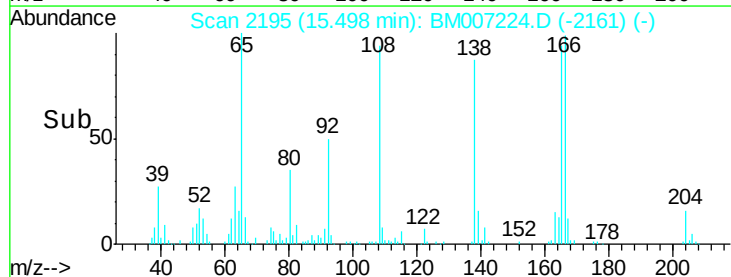
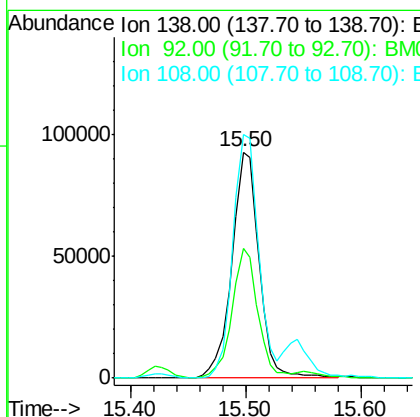
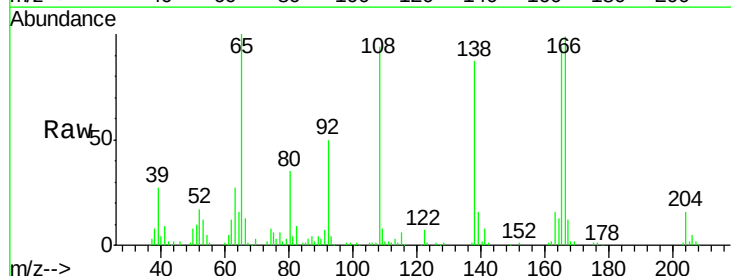
Instrument :
 BNA_M
 ClientSampleId :
 E5N39

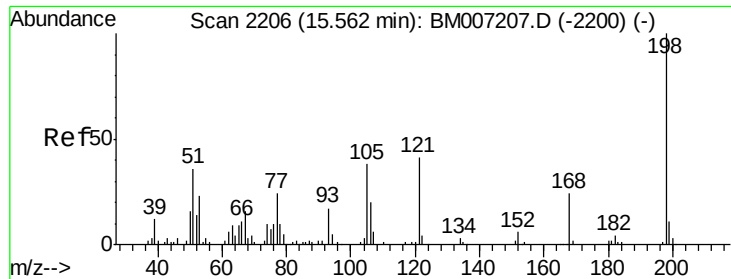
Tgt Ion:204 Resp: 368264
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.9 38.9
 141 60.3 46.1 69.1



#60
 4-Nitroaniline
 Concen: 18.45 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion:138 Resp: 151908
 Ion Ratio Lower Upper
 138 100
 92 57.6 43.5 65.3
 108 107.6 80.3 120.5

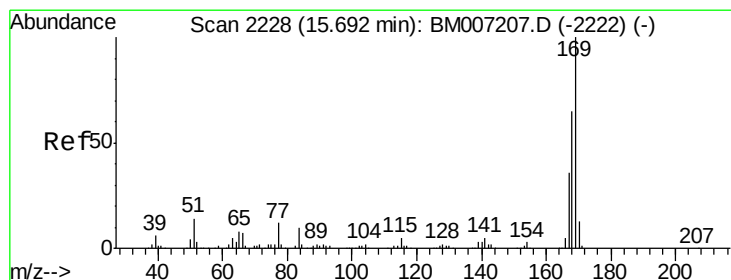
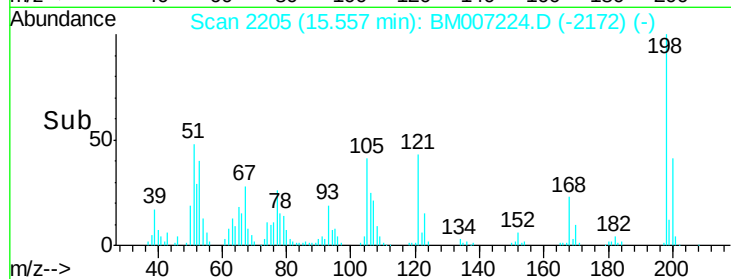
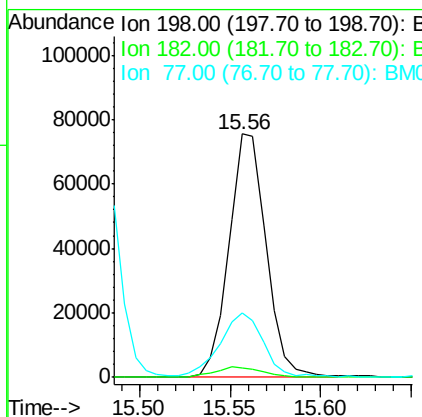
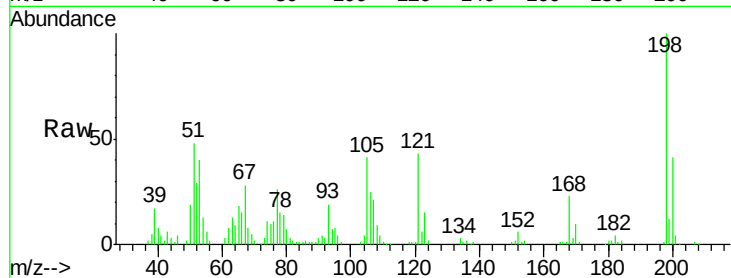




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.12 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

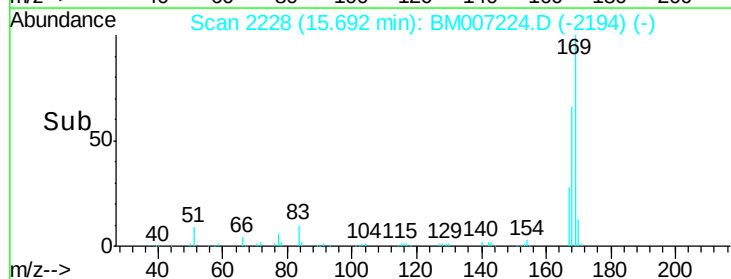
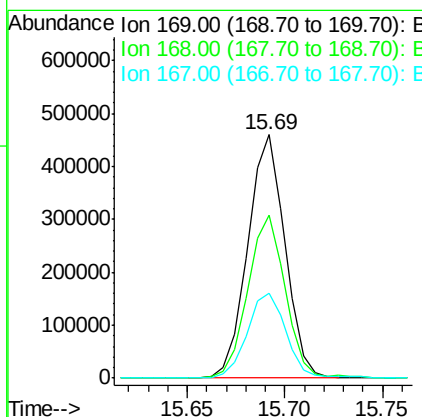
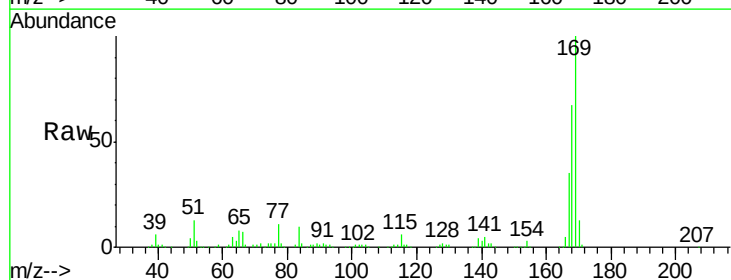
Instrument :
 BNA_M
 ClientSampled :
 E5N39

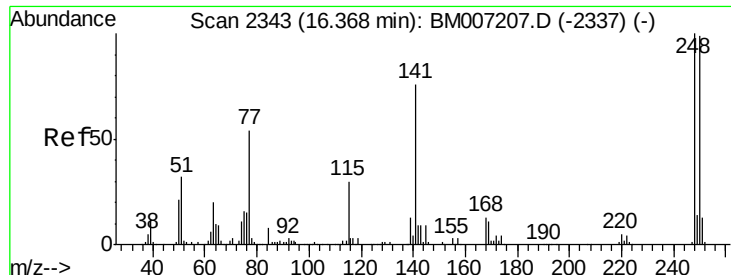
Tgt Ion:198 Resp: 107936
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.3 4.9
 77 26.3 21.8 32.6



#64
 N-Nitrosodiphenylamine
 Concen: 20.40 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion:169 Resp: 605509
 Ion Ratio Lower Upper
 169 100
 168 66.8 52.6 79.0
 167 35.1 28.6 43.0

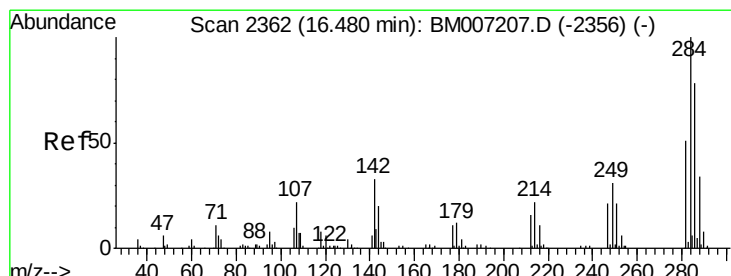
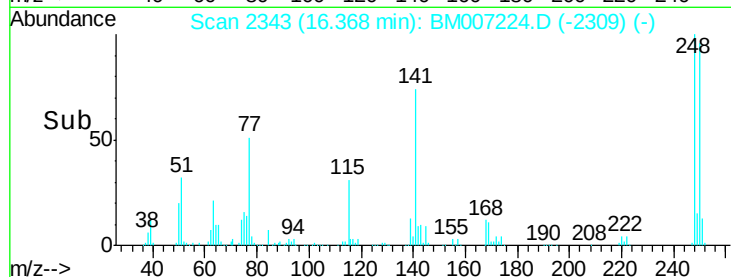
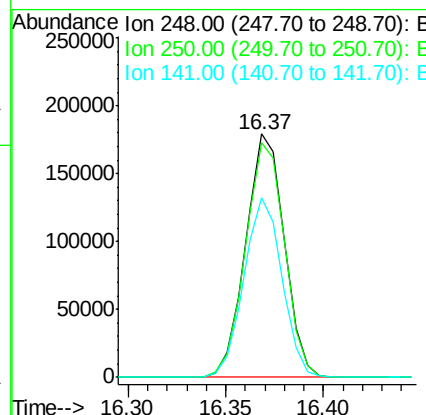
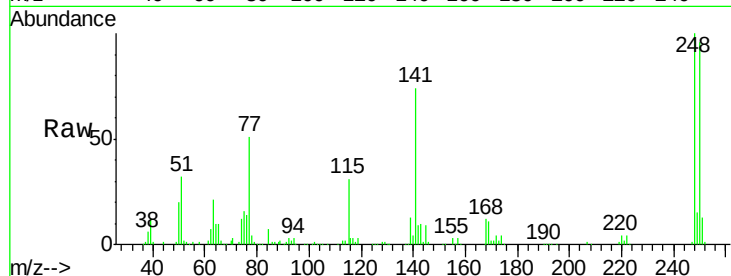




#65
 4-Bromophenyl-phenylether
 Concen: 20.74 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

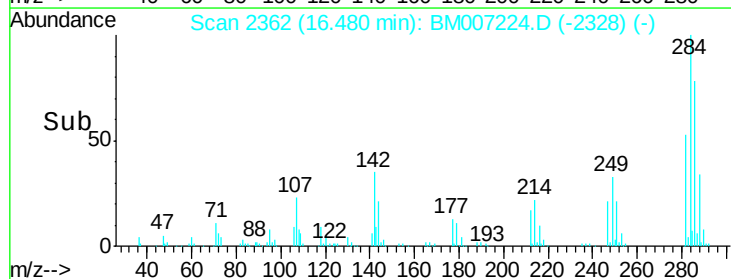
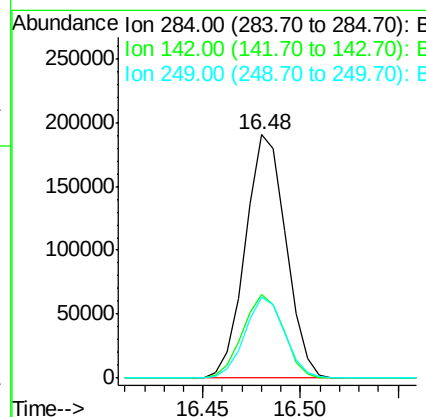
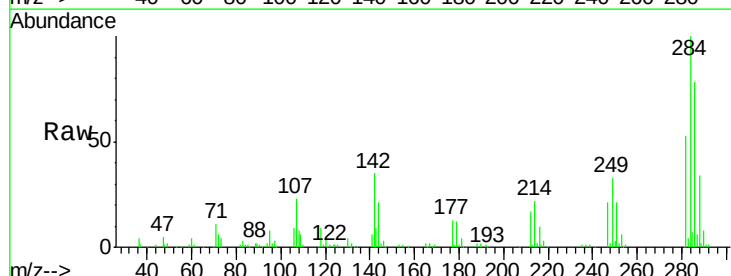
Instrument :
 BNA_M
 ClientSampled :
 E5N39

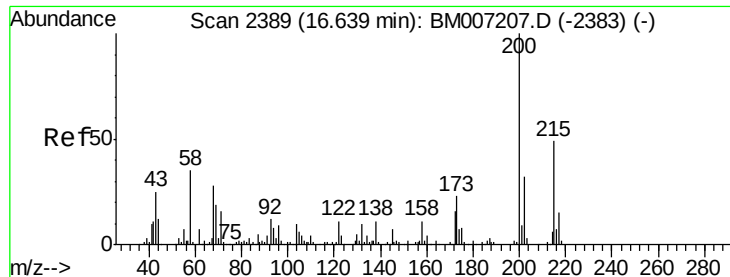
Tgt Ion:248 Resp: 246321
 Ion Ratio Lower Upper
 248 100
 250 96.4 79.7 119.5
 141 73.9 58.3 87.5



#66
 Hexachlorobenzene
 Concen: 20.44 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion:284 Resp: 274633
 Ion Ratio Lower Upper
 284 100
 142 34.6 24.9 37.3
 249 33.2 25.5 38.3

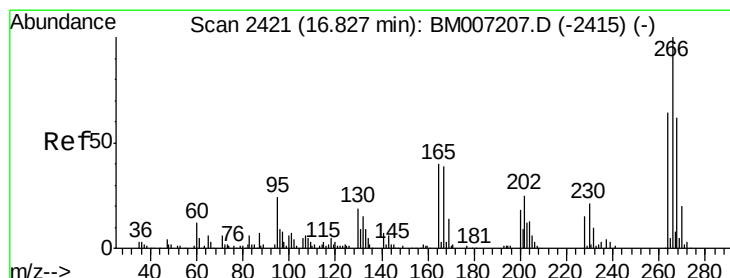
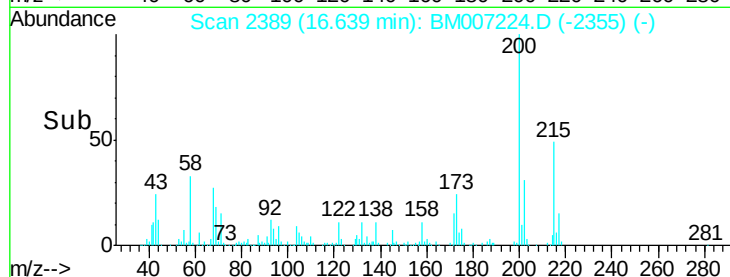
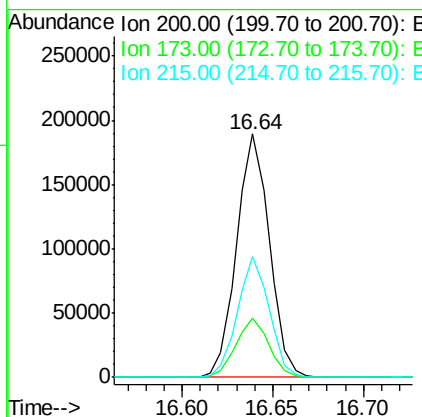
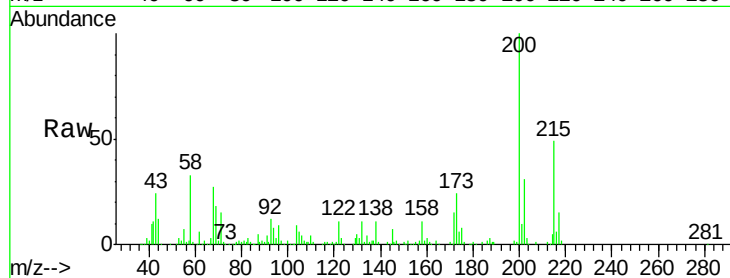




#67
 Atrazine
 Concen: 19.89 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

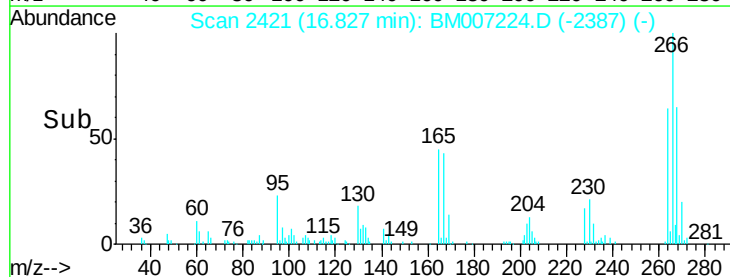
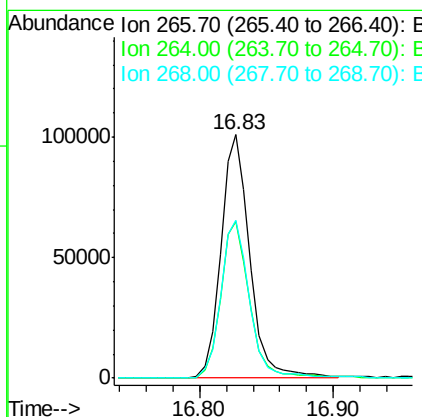
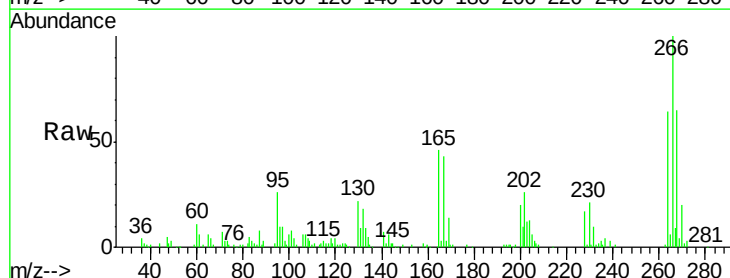
Instrument :
 BNA_M
 ClientSampleId :
 E5N39

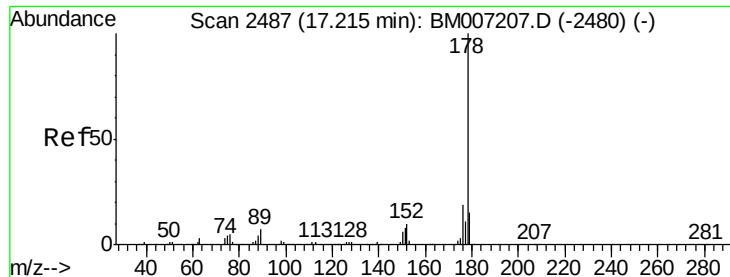
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	18.9	28.3
215	49.5	39.5	59.3



#68
 Pentachlorophenol
 Concen: 18.54 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007224.D
 Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.6	75.8
268	65.0	51.0	76.6





#69

Phenanthrene

Concen: 20.19 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

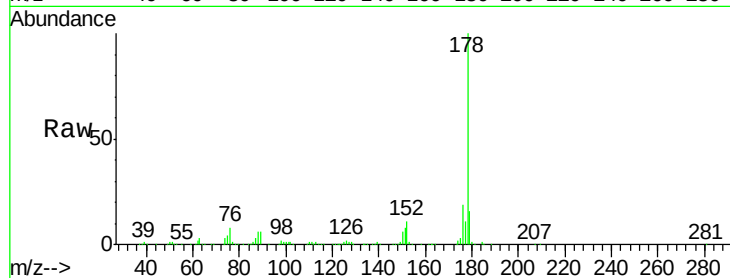
Tgt Ion:178 Resp: 1138726

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

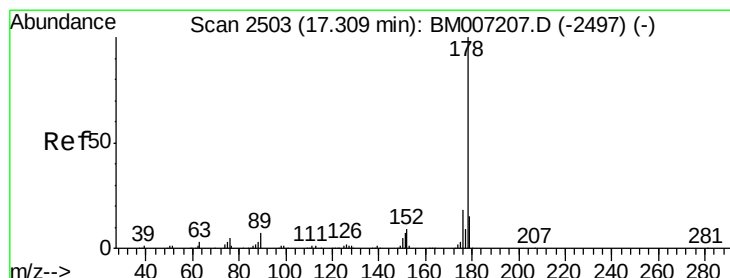
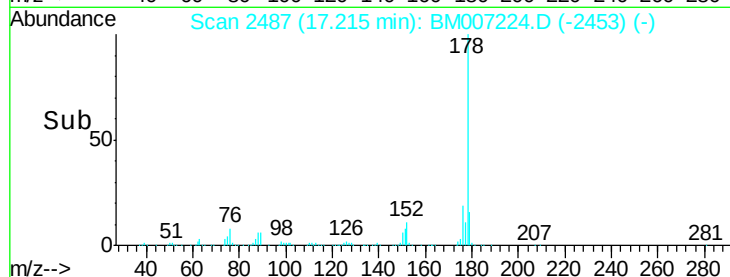
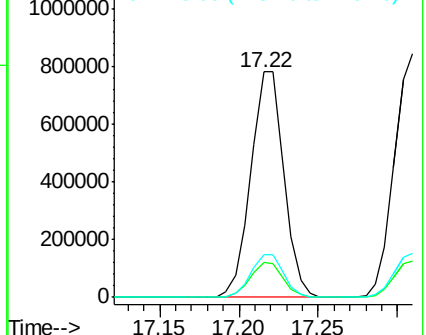
176 18.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.39 ng/ul

RT: 17.31 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

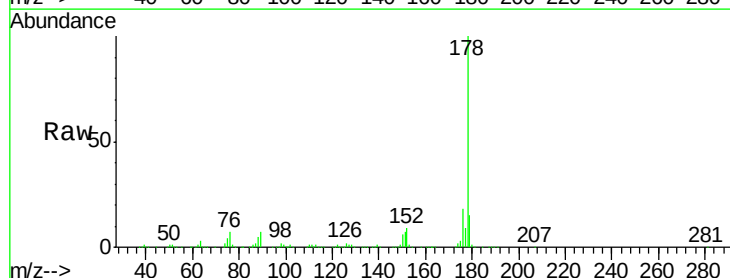
Tgt Ion:178 Resp: 1180276

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

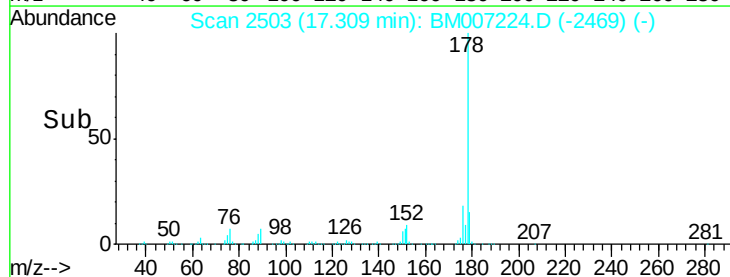
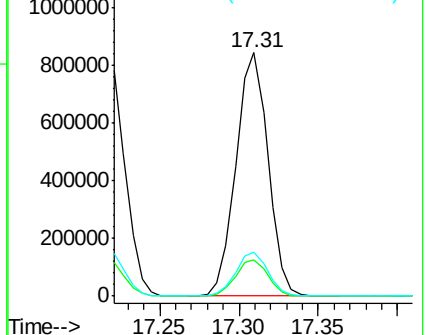
176 18.1 14.5 21.7

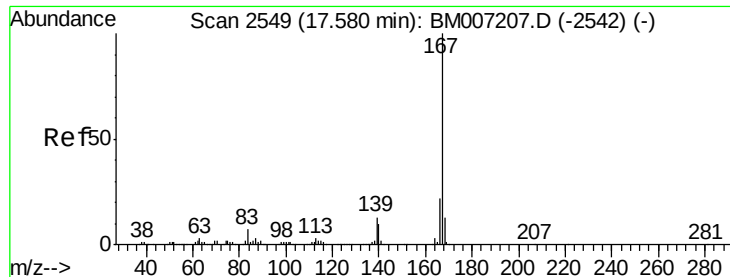


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.68 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

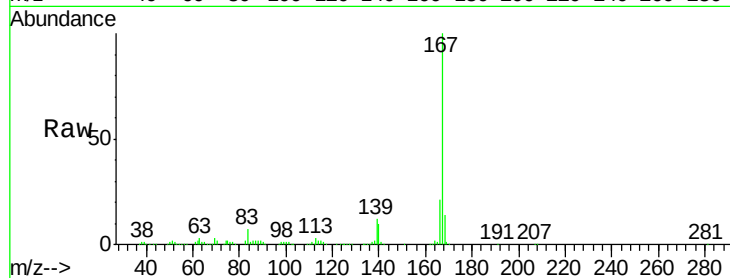
Tgt Ion:167 Resp: 1031045

Ion Ratio Lower Upper

167 100

166 21.3 16.6 25.0

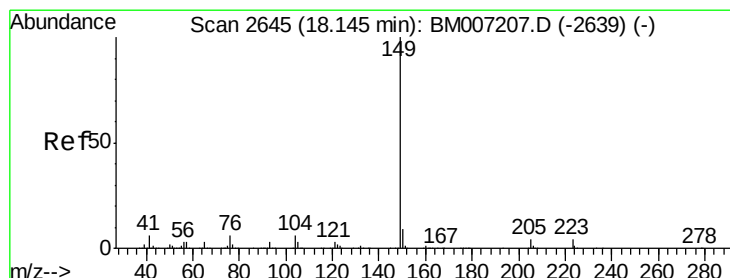
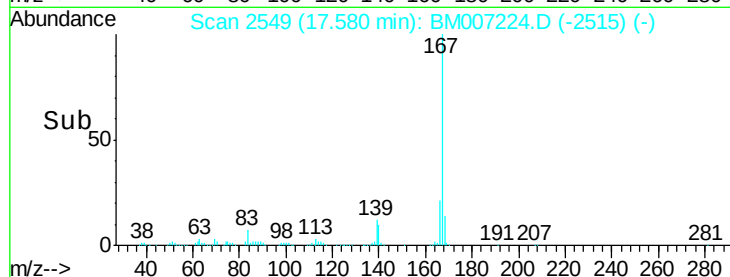
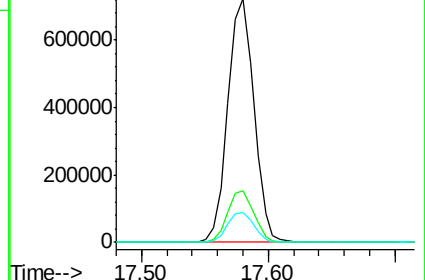
139 12.1 10.2 15.4



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



#73

Di-n-butylphthalate

Concen: 19.99 ng/ul

RT: 18.14 min Scan# 2645

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

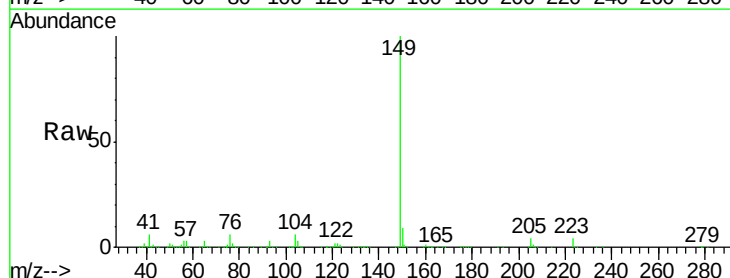
Tgt Ion:149 Resp: 1218695

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

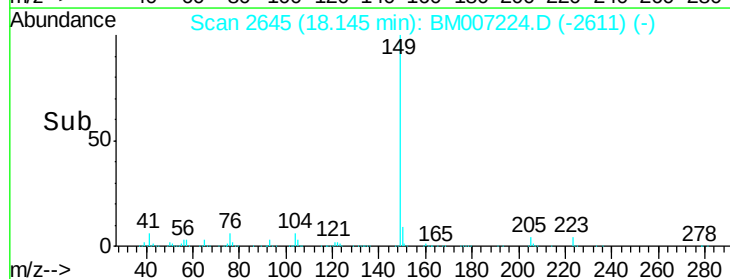
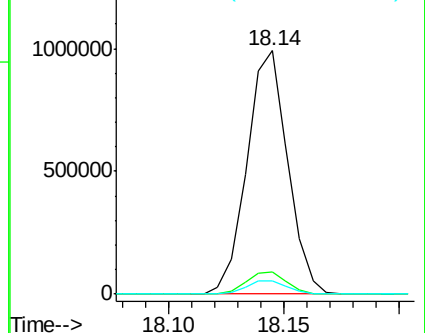
104 5.7 4.6 7.0

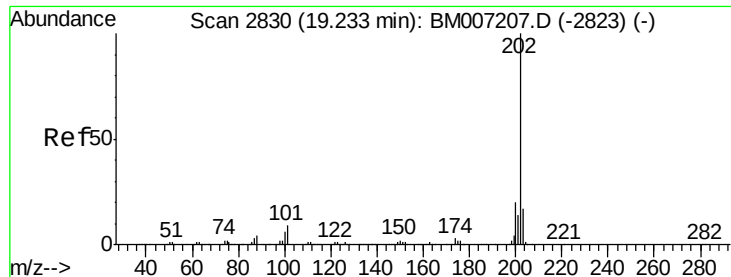


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.25 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

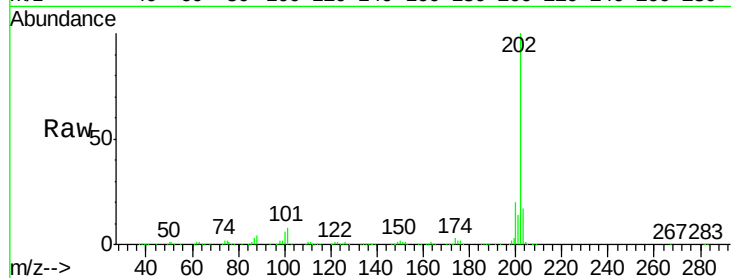
Tgt Ion:202 Resp: 1453525

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

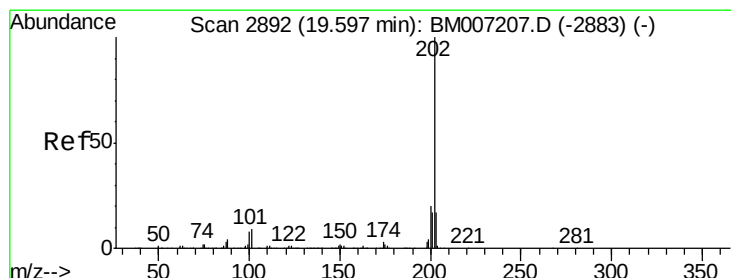
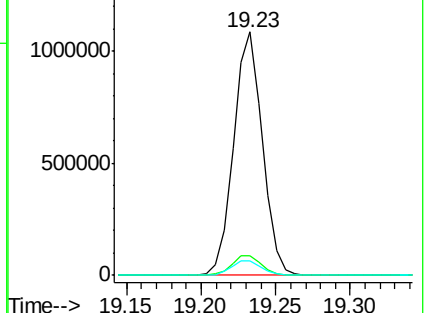
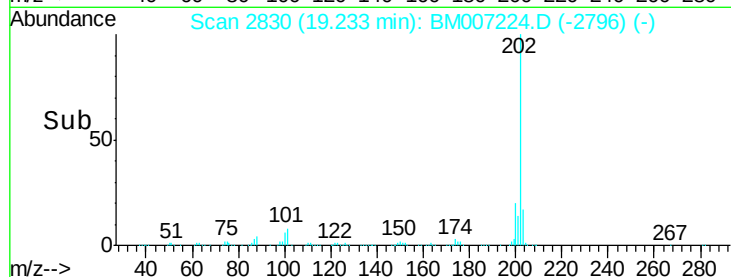
100 6.1 5.4 8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.45 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

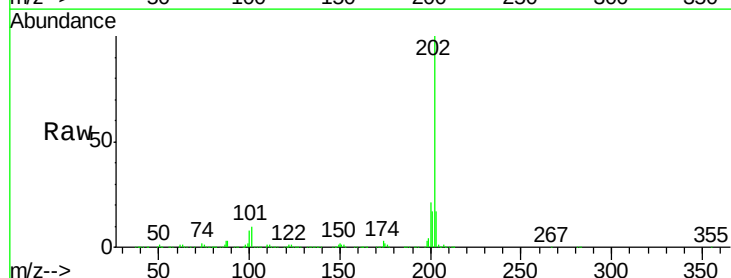
Tgt Ion:202 Resp: 1524402

Ion Ratio Lower Upper

202 100

101 9.8 8.4 12.6

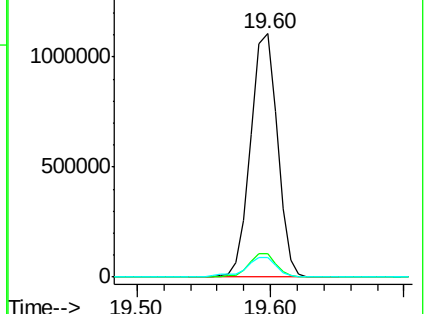
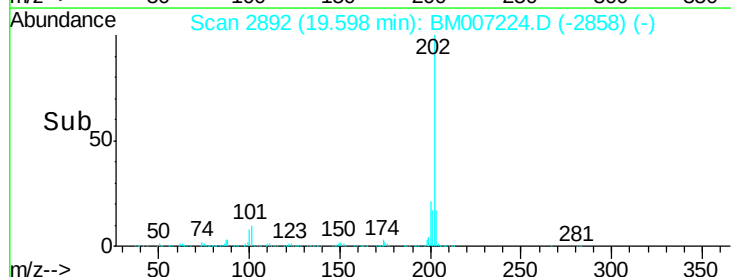
100 8.2 6.9 10.3

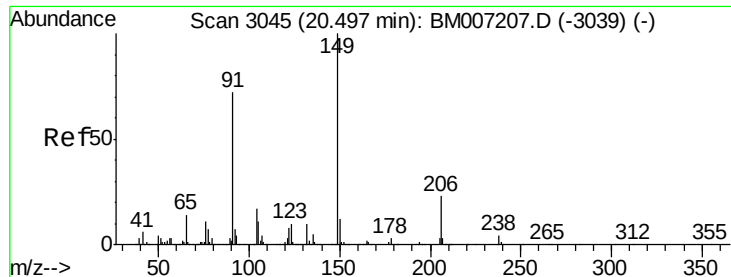


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

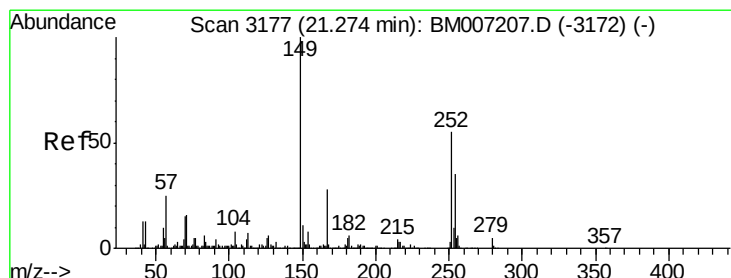
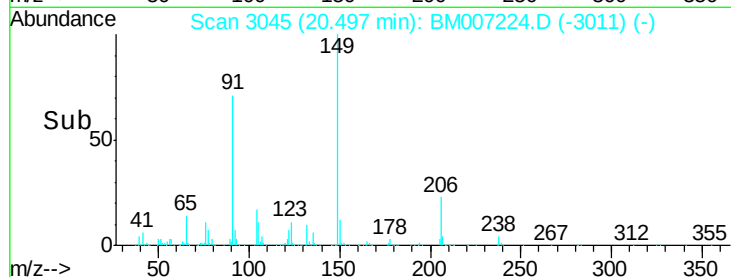
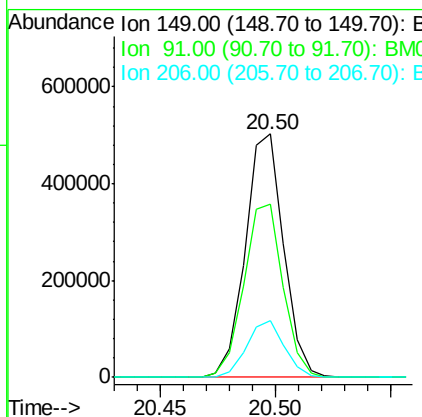
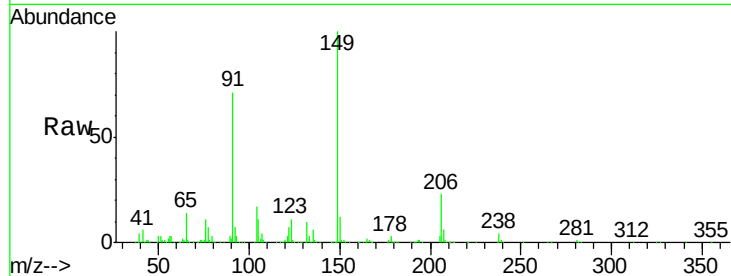




#78
Butylbenzylphthalate
Concen: 20.16 ng/ul
RT: 20.50 min Scan# 3045
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

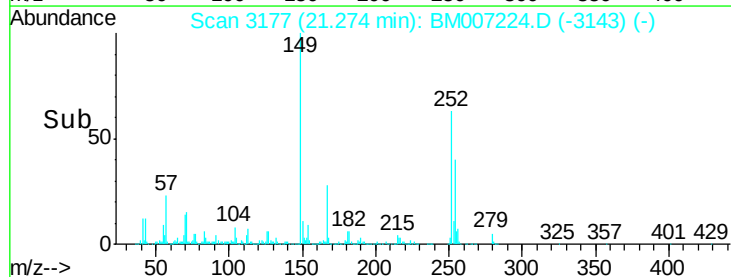
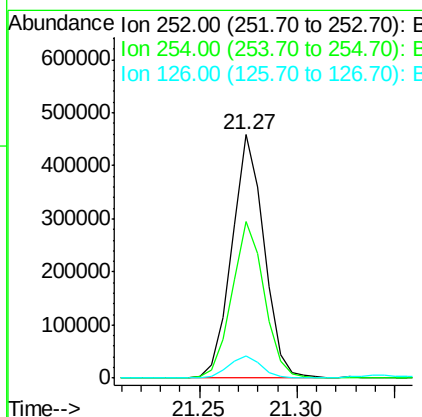
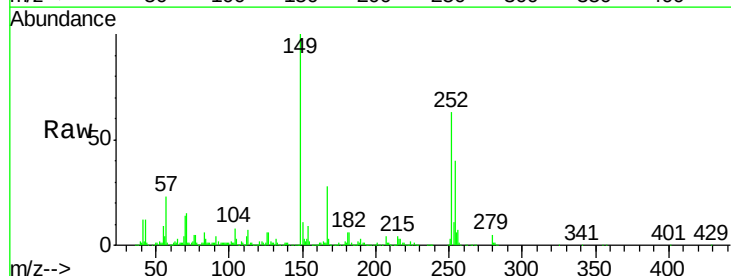
Instrument :
BNA_M
ClientSampleId :
E5N39

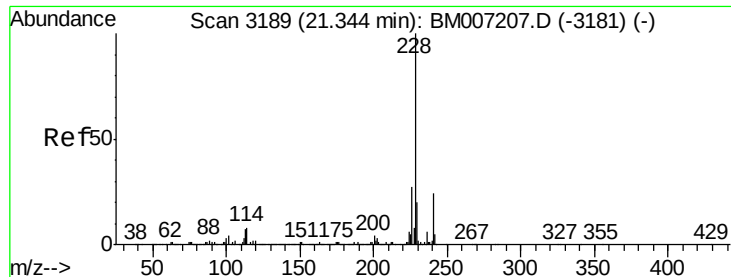
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.3	85.9
206	23.2	18.6	27.8



#79
3,3'-Dichlorobenzidine
Concen: 20.19 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. 0.00 min
Lab File: BM007224.D
Acq: 19 Aug 2016 02:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.4
126	9.0	7.1	10.7





#80

Benzo(a)anthracene

Concen: 20.40 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

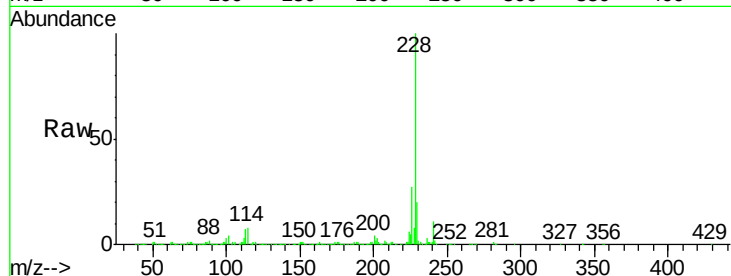
Tgt Ion:228 Resp: 1625125

Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

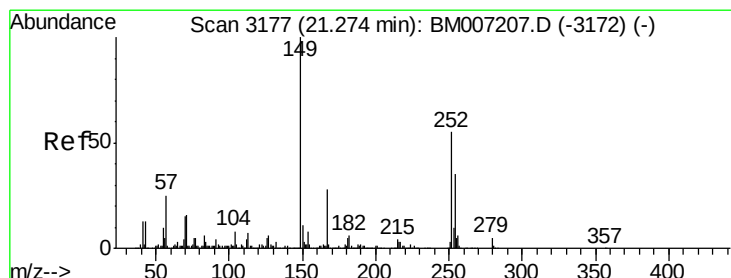
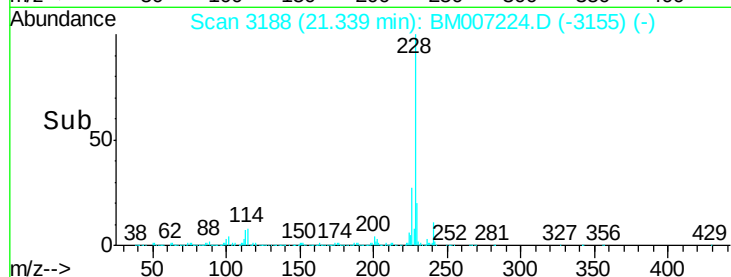
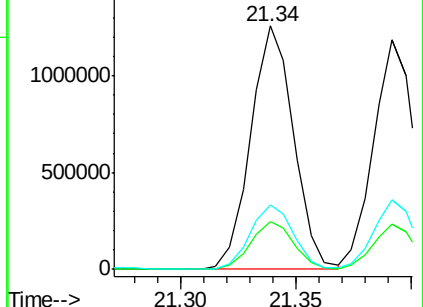
226 26.7 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.35 ng/ul

RT: 21.27 min Scan# 3177

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

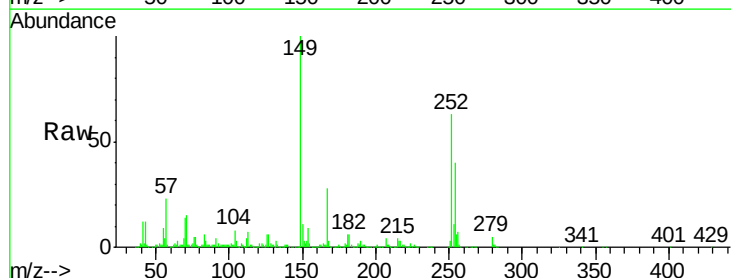
Tgt Ion:149 Resp: 829995

Ion Ratio Lower Upper

149 100

167 28.4 23.2 34.8

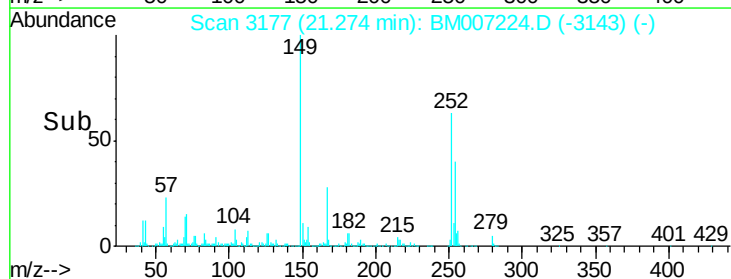
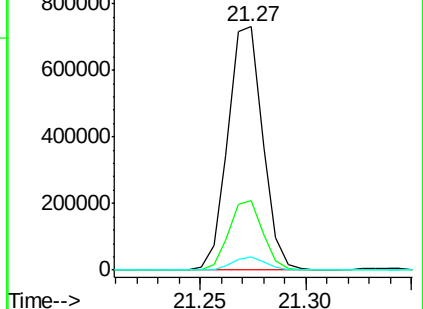
279 5.3 4.1 6.1

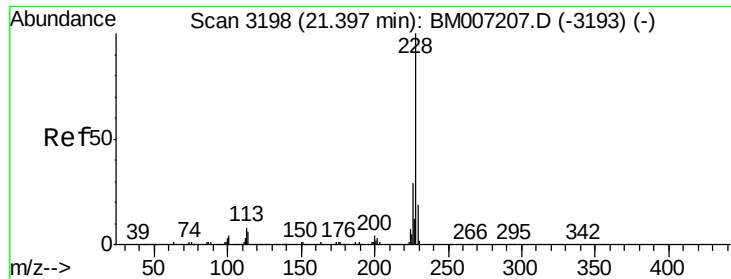


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.96 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

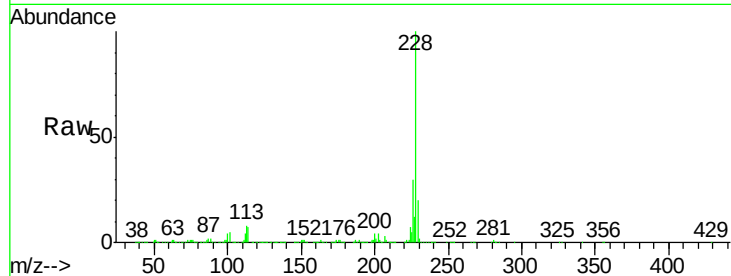
Tgt Ion:228 Resp: 1453058

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

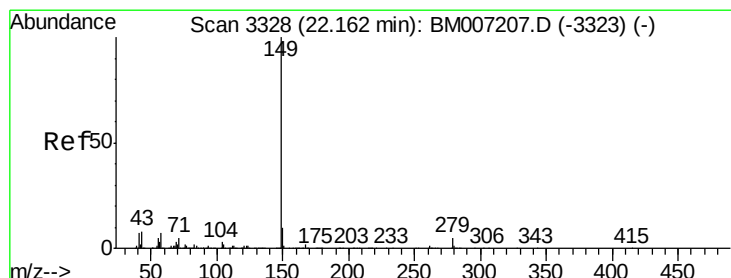
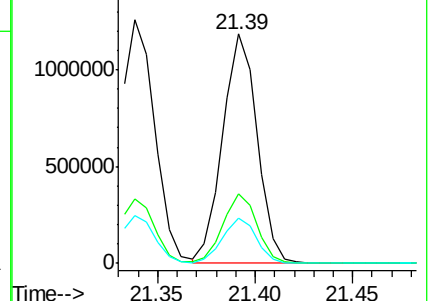
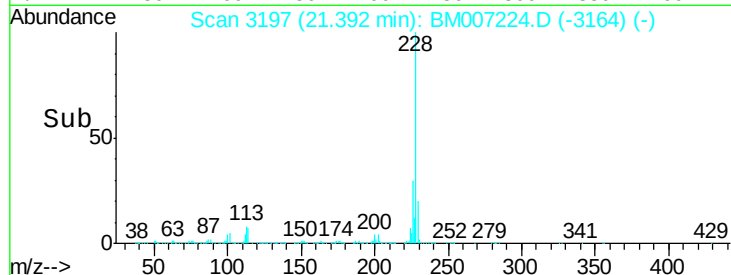
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.83 ng/ul

RT: 22.16 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

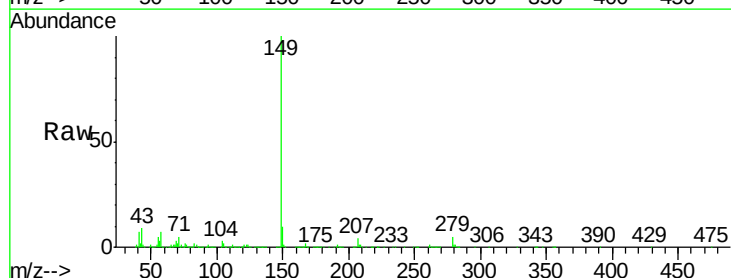
Tgt Ion:149 Resp: 1500867

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

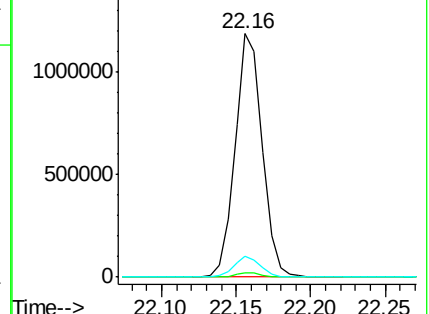
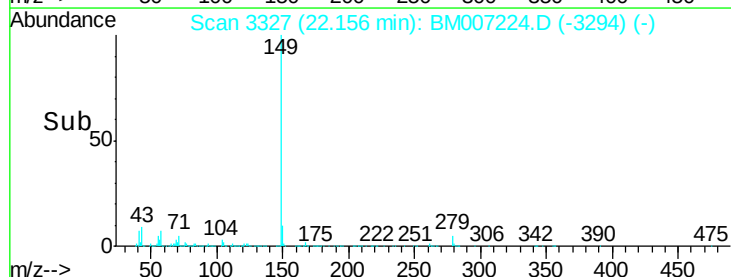
43 8.6 6.6 10.0

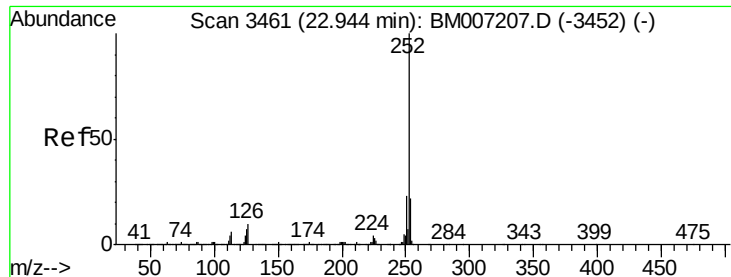


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.02 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

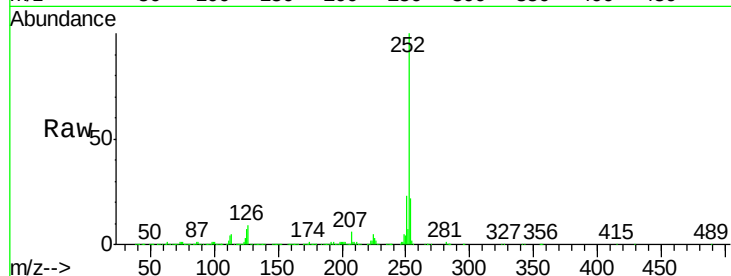
Tgt Ion:252 Resp: 1684879

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

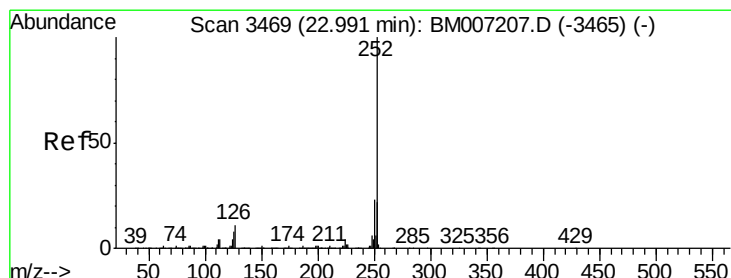
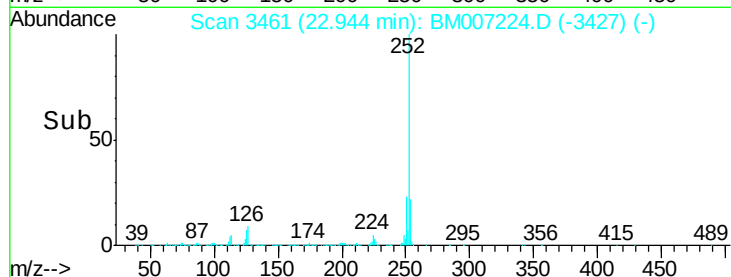
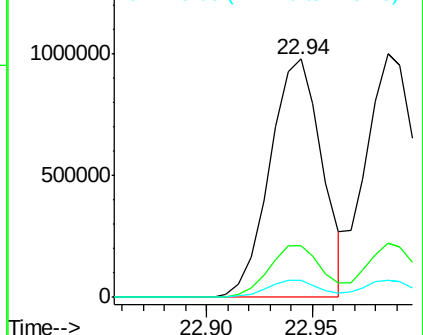
125 7.1 5.8 8.8



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



#86

Benzo(k)fluoranthene

Concen: 21.10 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

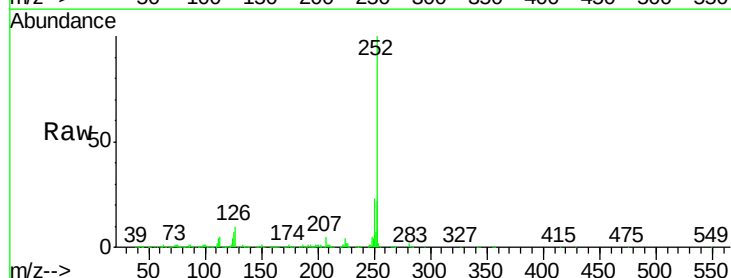
Tgt Ion:252 Resp: 1667083

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

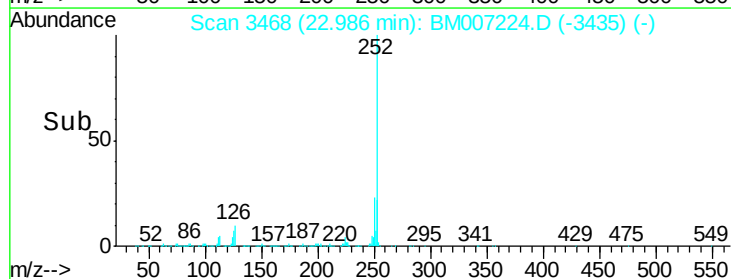
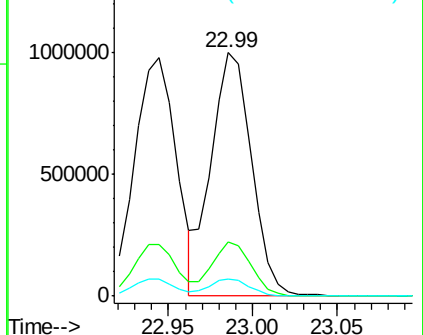
125 7.0 5.7 8.5

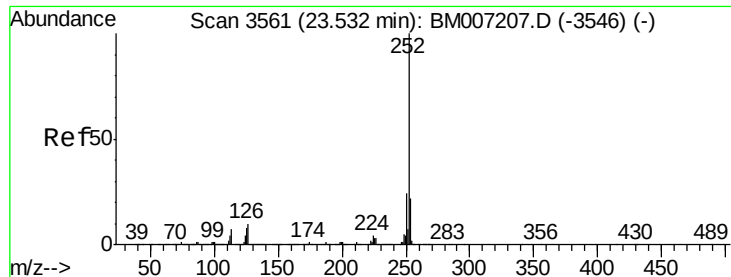


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.51 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

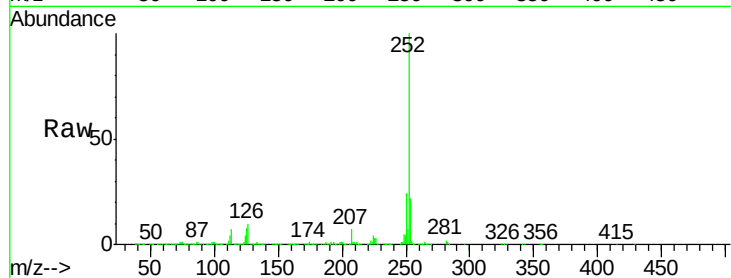
Tgt Ion:252 Resp: 1635709

Ion Ratio Lower Upper

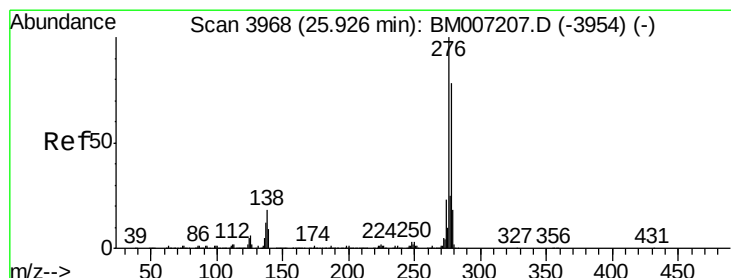
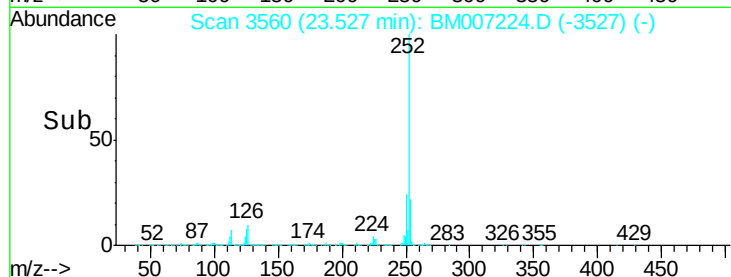
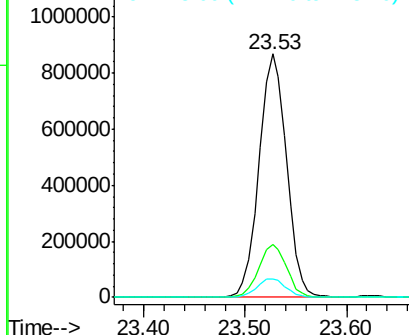
252 100

253 21.9 17.7 26.5

125 7.7 6.6 9.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.13 ng/ul

RT: 25.91 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

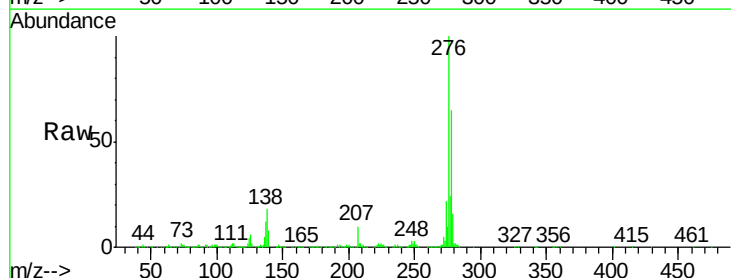
Tgt Ion:276 Resp: 1968235

Ion Ratio Lower Upper

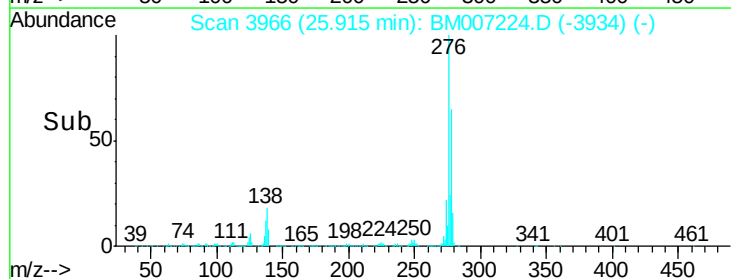
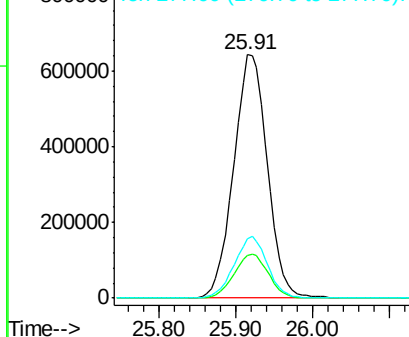
276 100

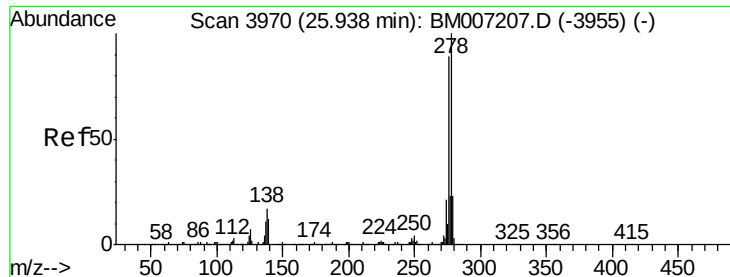
138 17.7 13.9 20.9

277 24.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.12 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

Instrument :

BNA_M

ClientSampleId :

E5N39

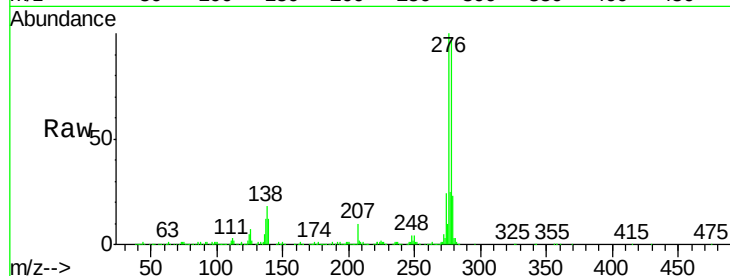
Tgt Ion:278 Resp: 1650821

Ion Ratio Lower Upper

278 100

139 12.4 9.5 14.3

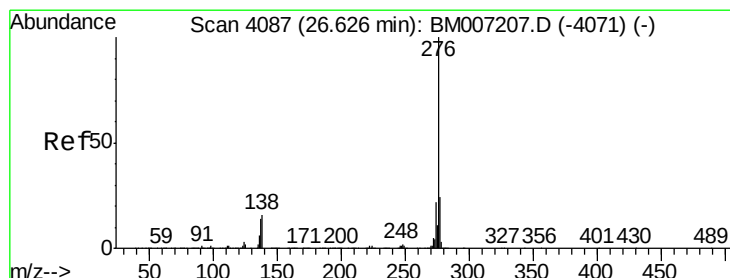
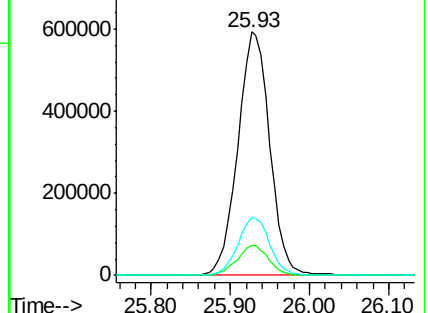
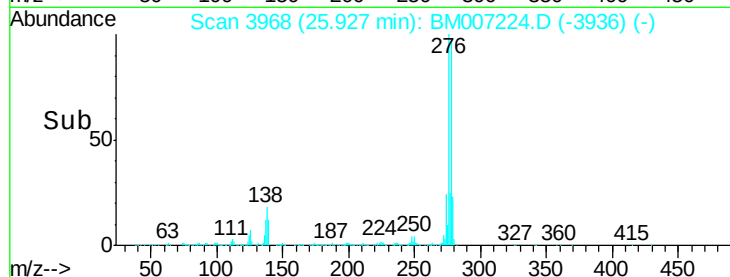
279 23.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.46 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007224.D

Acq: 19 Aug 2016 02:03

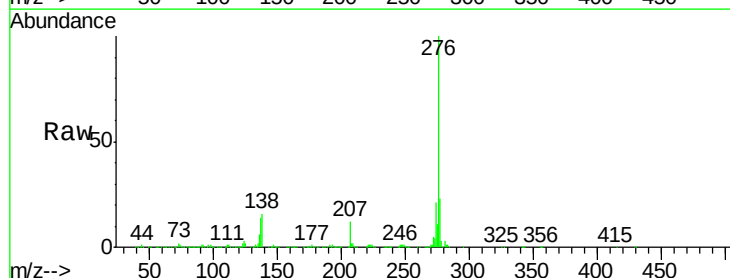
Tgt Ion:276 Resp: 1607969

Ion Ratio Lower Upper

276 100

138 16.0 13.5 20.3

277 23.2 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

