

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007207.D
 Acq On : 18 Aug 2016 17:03
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

Quant Time: Aug 19 04:27:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:26:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	194379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	758041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	429017	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1004072	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1322762	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1387146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	37787	8.49	ng/uL	0.00
5) Phenol-d5	6.97	99	307026	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	176059	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	251989	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	240861	18.59	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	112298	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	123966	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	250908	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	292768	19.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	678028	19.13	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	859707	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	111283	17.51	ng/ul	0.00
57) Fluorene-d10	15.43	176	611347	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	93922	16.93	ng/ul	0.00
70) Anthracene-d10	17.27	188	954369	20.52	ng/ul	0.00
76) Pyrene-d10	19.57	212	1132945	20.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1293775	20.39	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	37896	8.19	ng/uL	96
4) Benzaldehyde	6.95	77	193166	20.41	ng/ul	99
6) Phenol	6.99	94	322679	19.45	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	243062	19.86	ng/ul	97
10) 2-Chlorophenol	7.37	128	254099	19.81	ng/ul	95
11) 2-Methylphenol	8.24	108	235390	18.87	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.34	45	270179	19.27	ng/ul	99
14) Acetophenone	8.62	105	378811	18.99	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	190559	18.35	ng/ul	97
16) 4-Methylphenol	8.57	108	255781	18.79	ng/ul	96
17) Hexachloroethane	8.87	117	106055	19.81	ng/ul	97
20) Nitrobenzene	9.00	77	292749	20.66	ng/ul	100
21) Isophorone	9.52	82	508112	19.15	ng/ul	99
23) 2-Nitrophenol	9.70	139	135961	21.13	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	297218	20.16	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	312169	19.59	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	248205	20.22	ng/ul	98
28) Naphthalene	10.64	128	760436	20.25	ng/ul	99
30) 4-Chloroaniline	10.75	127	300716	20.00	ng/ul	95
31) Hexachlorobutadiene	10.92	225	187994	20.72	ng/ul	99
32) Caprolactam	11.49	113	68892	16.57	ng/ul	100
33) 4-Chloro-3-methylphenol	11.87	107	258084	19.25	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	566816	19.58	ng/ul	99

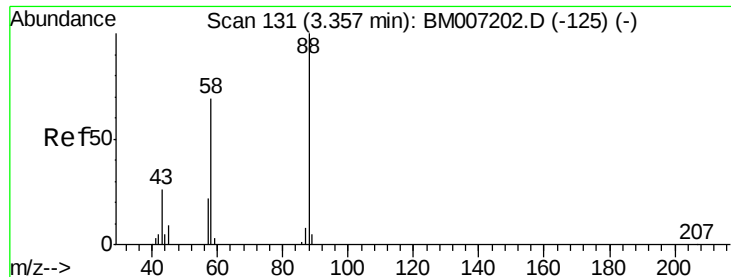
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007207.D
 Acq On : 18 Aug 2016 17:03
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

Quant Time: Aug 19 04:27:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:26:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	330191	21.76	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	146885	15.20	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	201979	20.76	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	212733	20.88	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	721315	20.96	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	558471	20.68	ng/ul	99
42) 2-Nitroaniline	13.51	65	156516	20.19	ng/ul	97
44) Dimethylphthalate	13.89	163	680756	19.21	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	139293	20.23	ng/ul	93
47) Acenaphthylene	14.16	152	894058	20.40	ng/ul	99
48) 3-Nitroaniline	14.34	138	135965	19.96	ng/ul	93
49) Acenaphthene	14.50	153	573911	20.17	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	55878	13.69	ng/ul#	87
52) 4-Nitrophenol	14.64	109	118087	18.29	ng/ul	91
53) Dibenzofuran	14.83	168	847110	20.05	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	197472	19.44	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	196139	19.92	ng/ul#	95
56) Diethylphthalate	15.26	149	682328	18.26	ng/ul	99
58) Fluorene	15.48	166	674117	19.79	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.48	204	352912	19.62	ng/ul	98
60) 4-Nitroaniline	15.50	138	143760	18.00	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	99171	16.43	ng/ul	96
64) N-Nitrosodiphenylamine	15.69	169	584549	20.57	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	234047	20.58	ng/ul	98
66) Hexachlorobenzene	16.48	284	263228	20.46	ng/ul	98
67) Atrazine	16.64	200	226306	19.76	ng/ul	100
68) Pentachlorophenol	16.83	266	150827	19.06	ng/ul	98
69) Phenanthrene	17.22	178	1087185	20.13	ng/ul	100
71) Anthracene	17.31	178	1127126	20.34	ng/ul	100
72) Carbazole	17.58	167	985808	20.65	ng/ul	98
73) Di-n-butylphthalate	18.14	149	1156242	19.81	ng/ul	99
74) Fluoranthene	19.23	202	1395411	21.31	ng/ul	100
77) Pyrene	19.60	202	1469556	20.09	ng/ul	98
78) Butylbenzylphthalate	20.50	149	564680	19.86	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	511097	20.01	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1592945	20.38	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	790082	18.78	ng/ul	98
82) Chrysene	21.40	228	1421344	19.90	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	1422548	19.88	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	1673453	20.03	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1630785	20.78	ng/ul	99
88) Benzo(a)pyrene	23.53	252	1614629	20.39	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.93	276	1941035	19.99	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	1628819	19.99	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	1583534	19.30	ng/ul	99

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



#2

1,4-Dioxane

Concen: 8.19 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. -0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

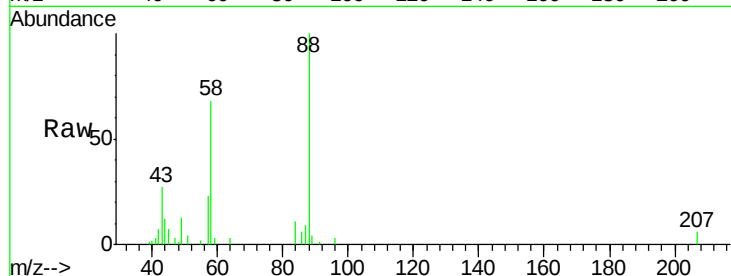
Tgt Ion: 88 Resp: 37896

Ion Ratio Lower Upper

88 100

43 25.9 22.6 34.0

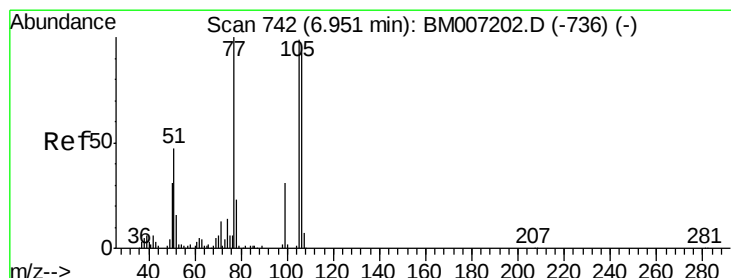
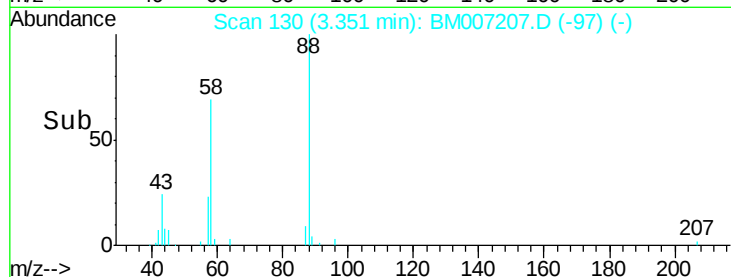
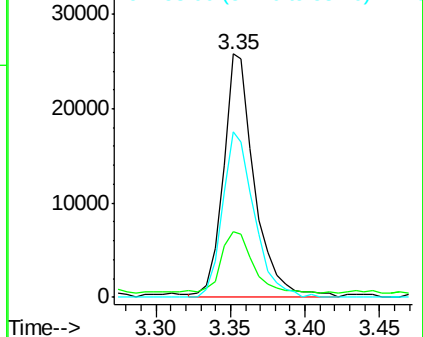
58 68.4 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): BM007207.D (-130) (-)

Ion 43.00 (42.70 to 43.70): BM007207.D (-130) (-)

Ion 58.00 (57.70 to 58.70): BM007207.D (-130) (-)



#4

Benzaldehyde

Concen: 20.41 ng/uL

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

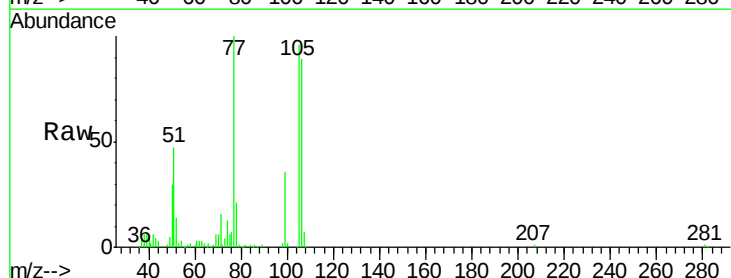
Tgt Ion: 77 Resp: 193166

Ion Ratio Lower Upper

77 100

105 95.8 76.9 115.3

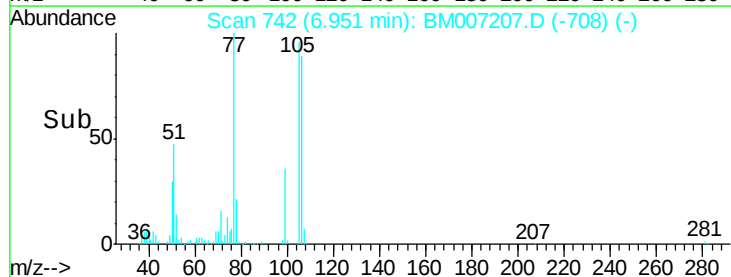
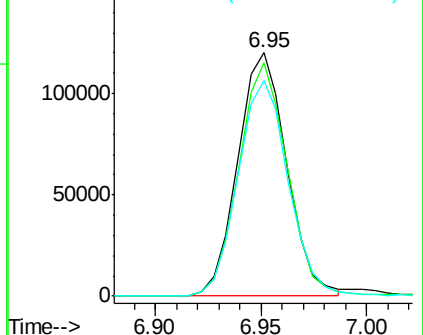
106 88.7 71.8 107.8

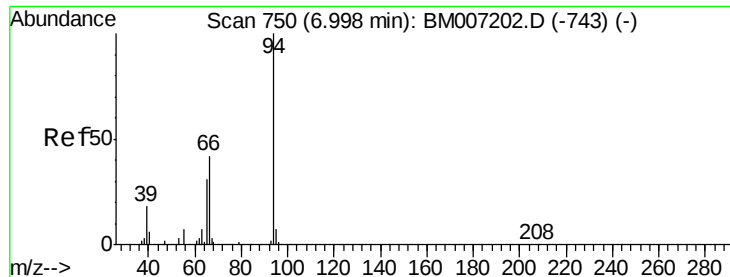


Abundance Ion 77.00 (76.70 to 77.70): BM007207.D (-742) (-)

Ion 105.00 (104.70 to 105.70): BM007207.D (-742) (-)

Ion 106.00 (105.70 to 106.70): BM007207.D (-742) (-)





#6

Phenol

Concen: 19.45 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

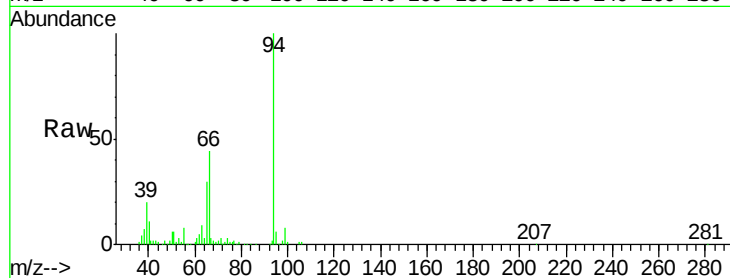
Tgt Ion: 94 Resp: 322679

Ion Ratio Lower Upper

94 100

65 30.4 23.9 35.9

66 43.6 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007207.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007207.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007207.D (-743) (-)

6.99

250000

200000

150000

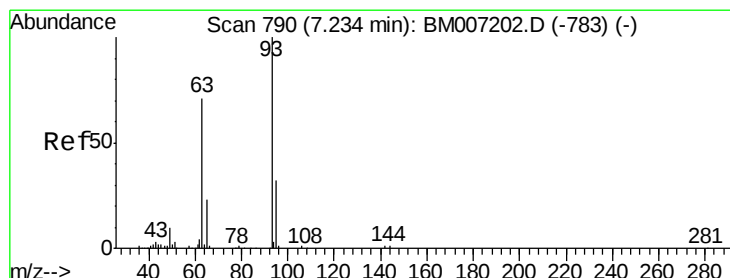
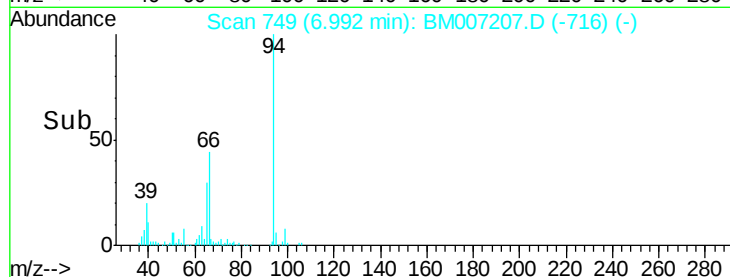
100000

50000

0

6.90 6.95 7.00 7.05 7.10

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.86 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

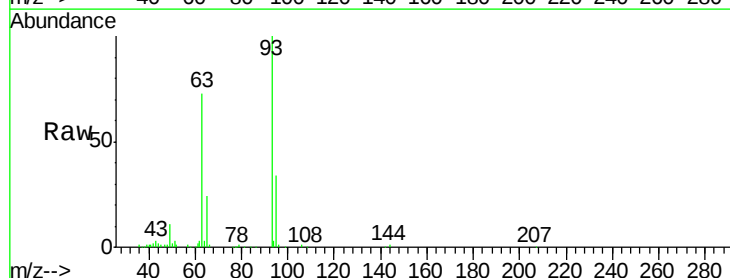
Tgt Ion: 93 Resp: 243062

Ion Ratio Lower Upper

93 100

63 73.2 57.3 85.9

95 33.9 25.1 37.7



Abundance Ion 93.00 (92.70 to 93.70): BM007207.D (-783) (-)

Ion 63.00 (62.70 to 63.70): BM007207.D (-783) (-)

Ion 95.00 (94.70 to 95.70): BM007207.D (-783) (-)

7.23

200000

150000

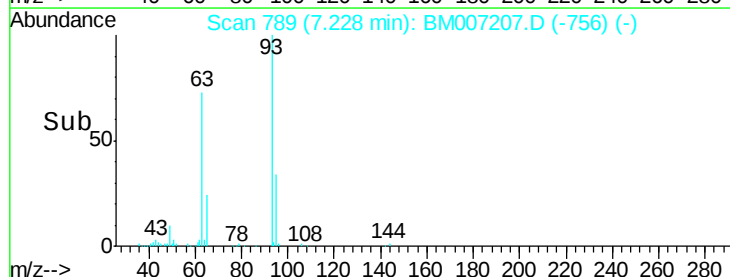
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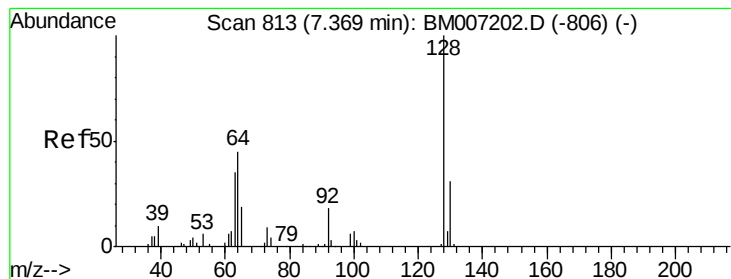
50000

0

7.15 7.20 7.25 7.30

Time-->





#10

2-Chlorophenol

Concen: 19.81 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

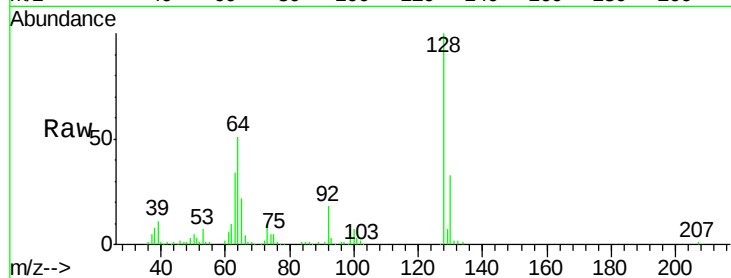
Tgt Ion:128 Resp: 254099

Ion Ratio Lower Upper

128 100

64 51.1 37.5 56.3

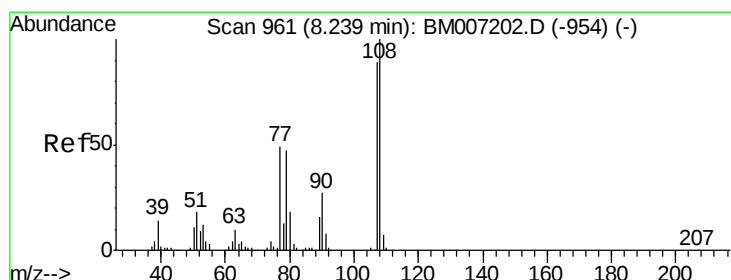
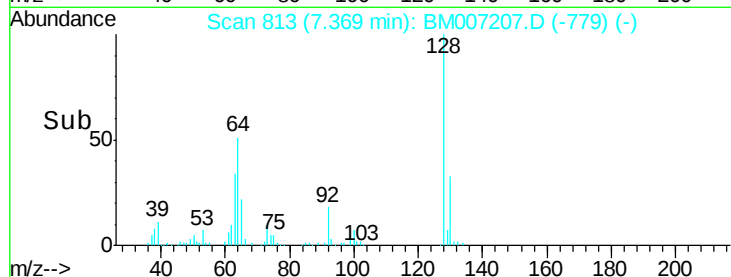
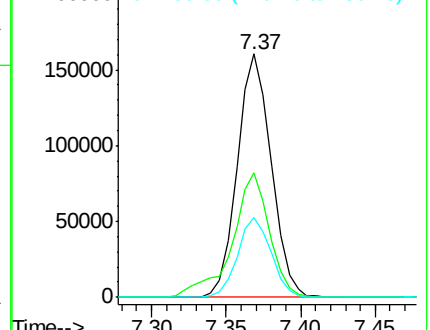
130 32.6 25.0 37.4



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: 18.87 ng/ul

RT: 8.24 min Scan# 961

Delta R.T. -0.00 min

Lab File: BM007207.D

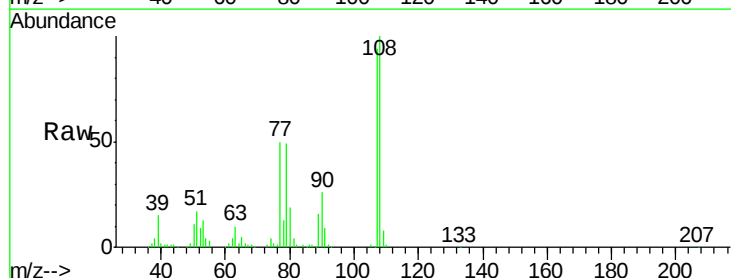
Acq: 18 Aug 2016 17:03

Tgt Ion:108 Resp: 235390

Ion Ratio Lower Upper

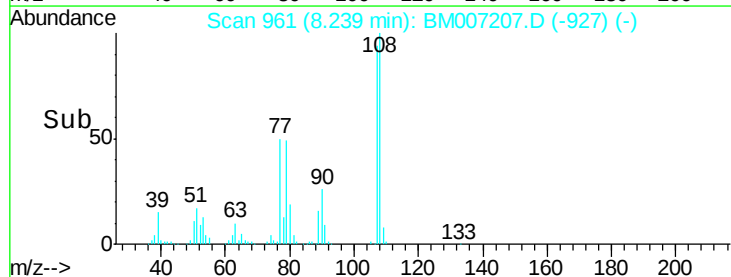
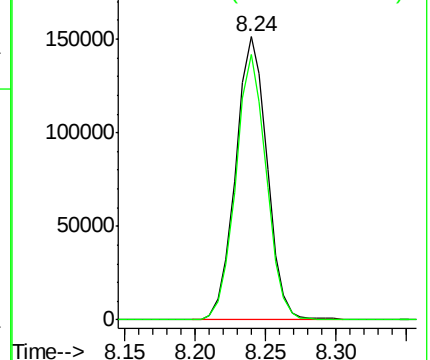
108 100

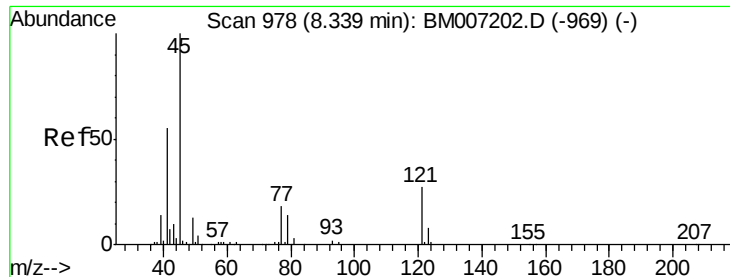
107 93.7 71.8 107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

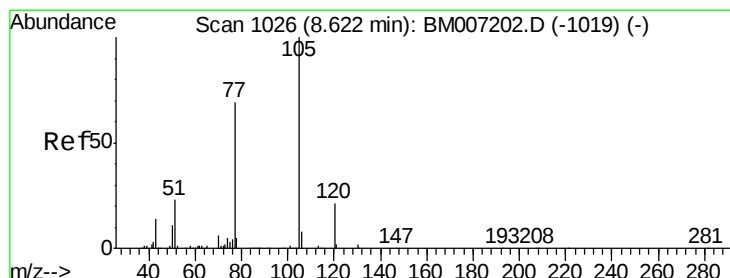
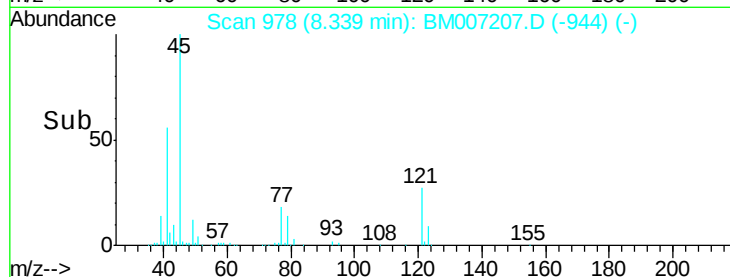
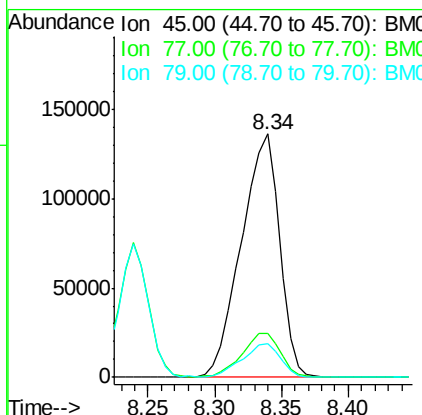
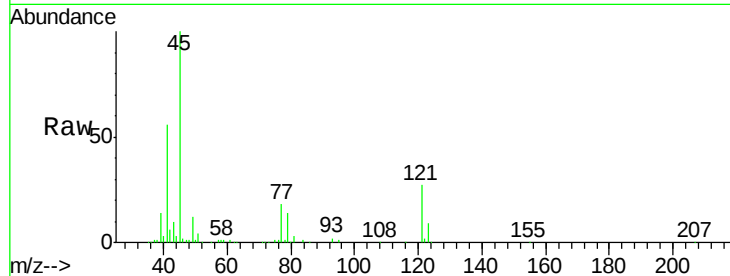




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 19.27 ng/ul
 RT: 8.34 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

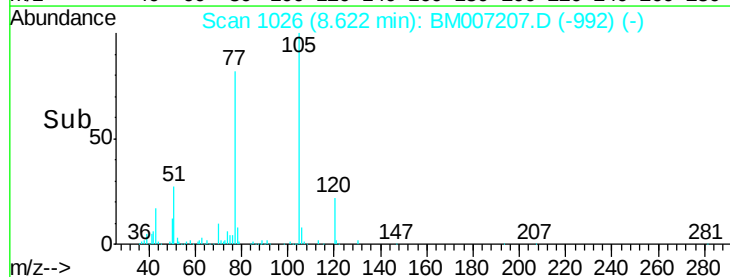
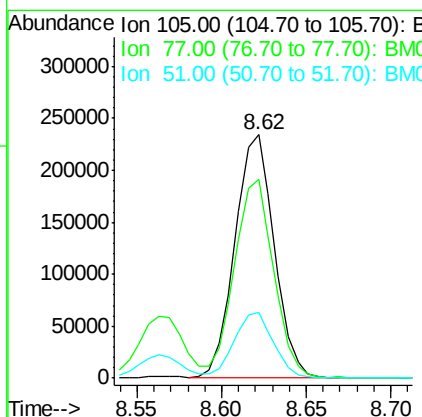
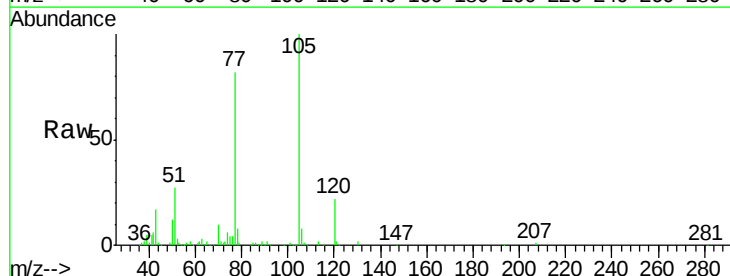
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

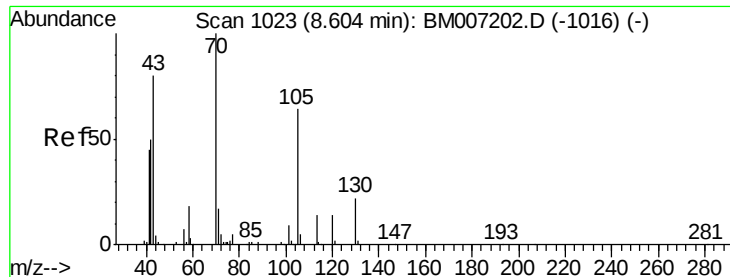
Tgt Ion: 45 Resp: 270179
 Ion Ratio Lower Upper
 45 100
 77 17.8 14.1 21.1
 79 13.9 10.4 15.6



#14
 Acetophenone
 Concen: 18.99 ng/ul
 RT: 8.62 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion: 105 Resp: 378811
 Ion Ratio Lower Upper
 105 100
 77 81.9 65.9 98.9
 51 27.2 22.2 33.2

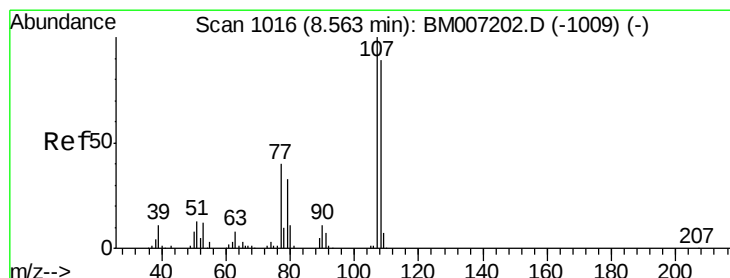
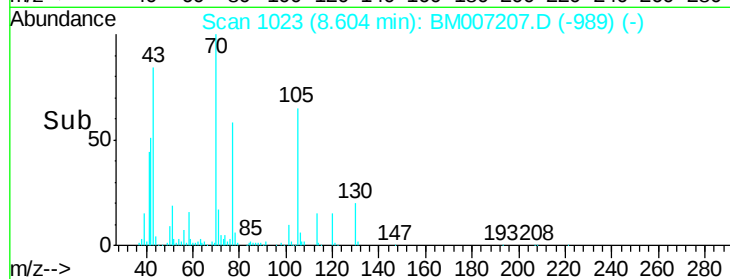
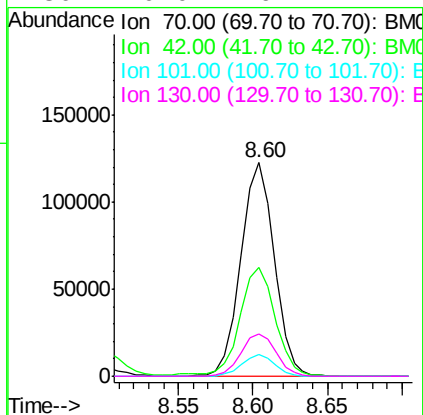
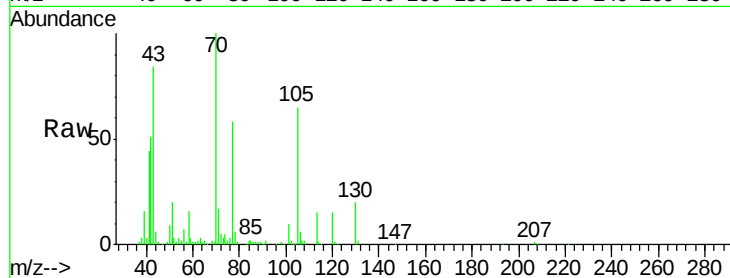




#15
N-Nitroso-di-n-propylamine
Concen: 18.35 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

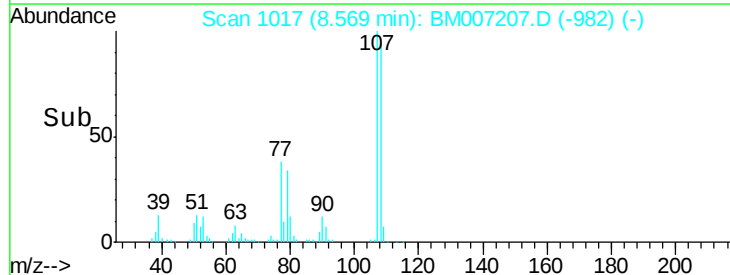
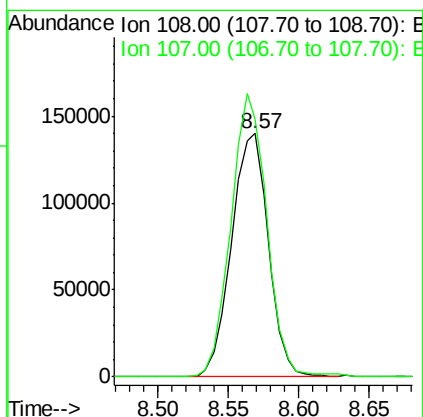
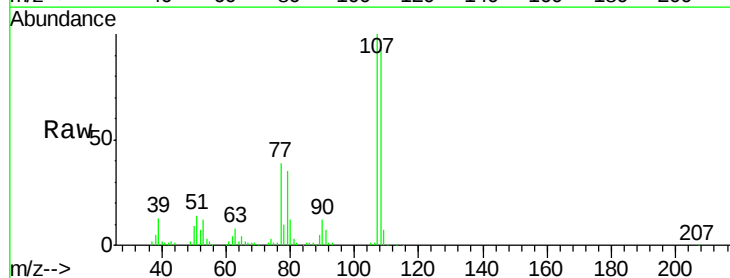
Instrument :
BNA_M
ClientSampleId :
SSTD02052

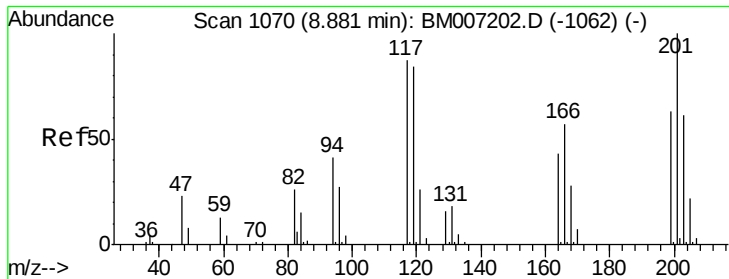
Tgt Ion:	70	Resp:	190559
Ion	Ratio	Lower	Upper
70	100		
42	50.9	43.4	65.2
101	10.1	7.8	11.6
130	20.0	16.2	24.4



#16
4-Methylphenol
Concen: 18.79 ng/ul
RT: 8.57 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion:	108	Resp:	255781
Ion	Ratio	Lower	Upper
108	100		
107	105.9	87.8	131.8

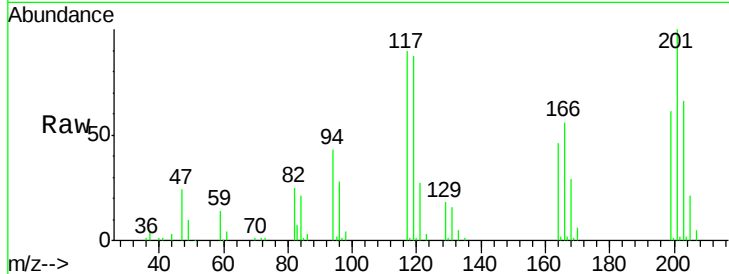




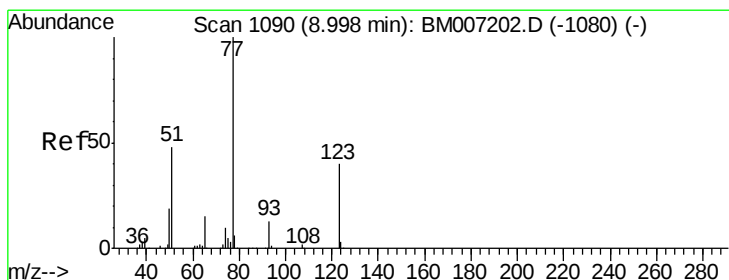
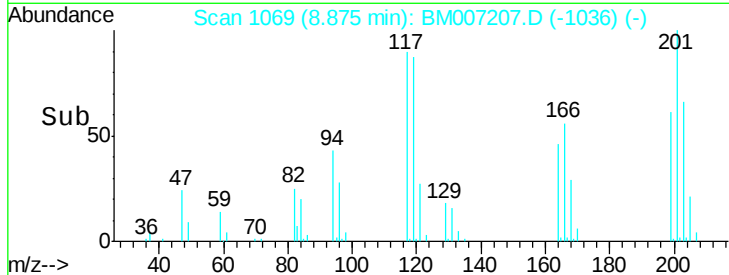
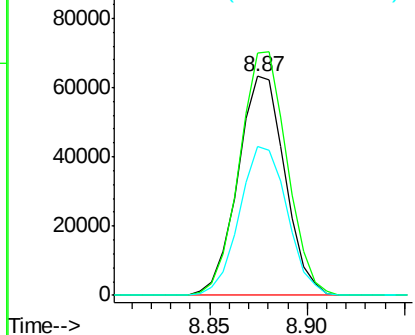
#17
Hexachloroethane
Concen: 19.81 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion: 117 Resp: 106055
Ion Ratio Lower Upper
117 100
201 111.1 90.3 135.5
199 68.1 58.5 87.7

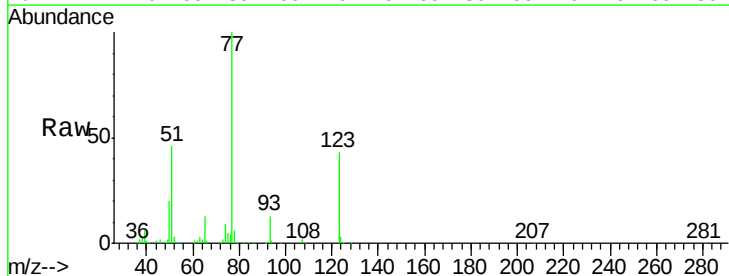


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

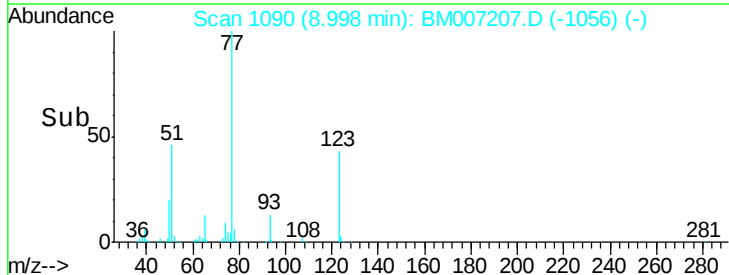
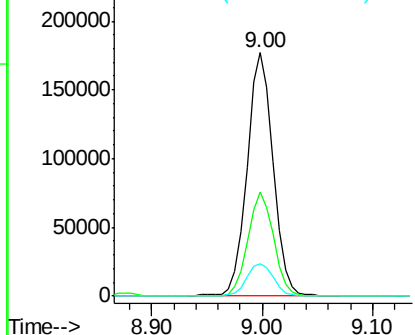


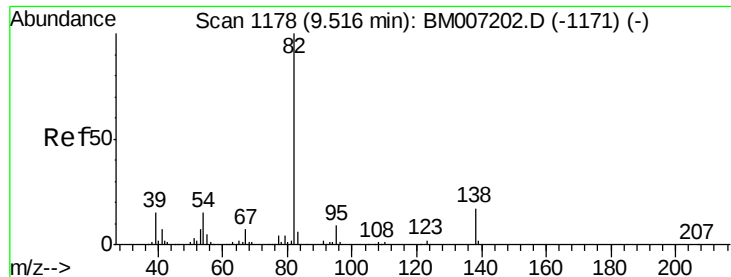
#20
Nitrobenzene
Concen: 20.66 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion: 77 Resp: 292749
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 13.1 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: 19.15 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

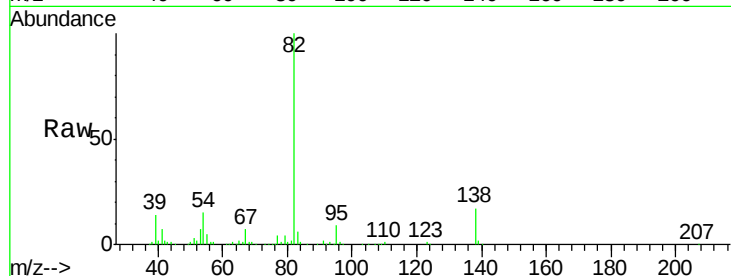
Tgt Ion: 82 Resp: 508112

Ion Ratio Lower Upper

82 100

95 8.8 6.9 10.3

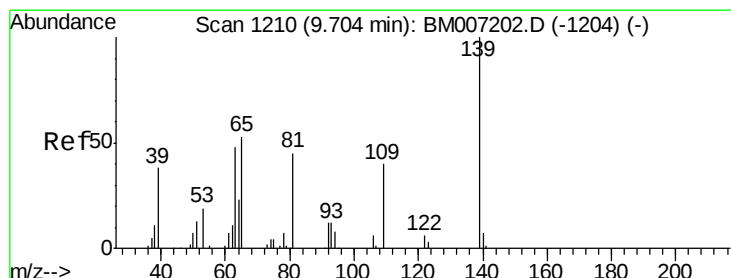
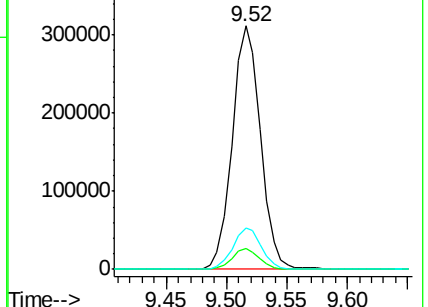
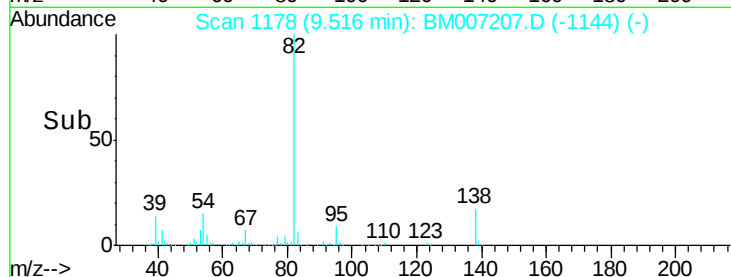
138 16.9 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM007207.D (-1171) (-)

Ion 95.00 (94.70 to 95.70): BM007207.D (-1171) (-)

Ion 138.00 (137.70 to 138.70): BM007207.D (-1171) (-)



#23

2-Nitrophenol

Concen: 21.13 ng/ul

RT: 9.70 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

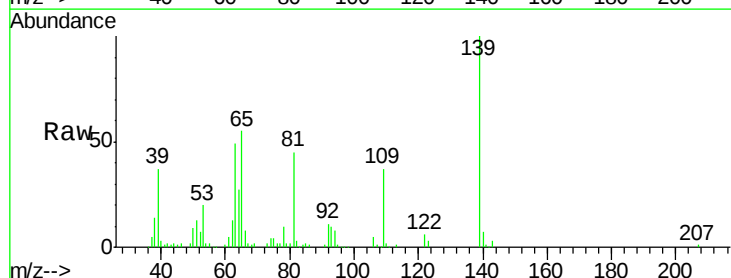
Tgt Ion: 139 Resp: 135961

Ion Ratio Lower Upper

139 100

65 54.9 44.2 66.4

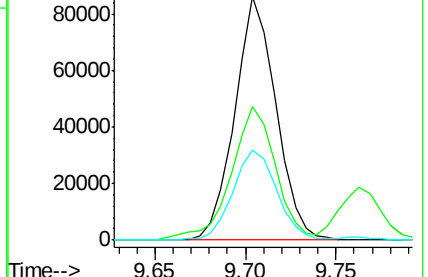
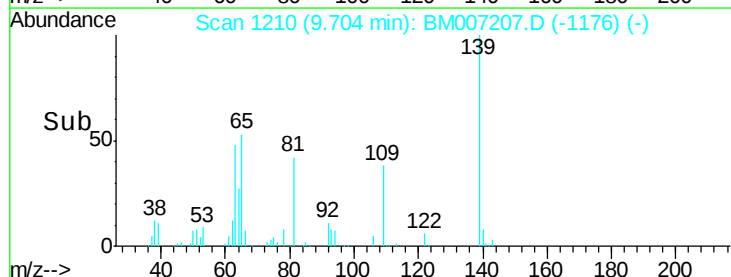
109 37.1 28.2 42.4

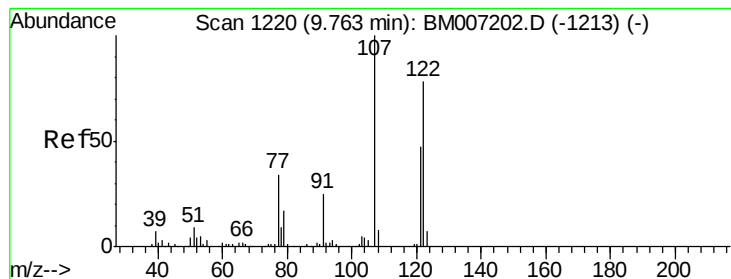


Abundance Ion 139.00 (138.70 to 139.70): BM007207.D (-1204) (-)

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

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





#24

2,4-Dimethylphenol

Concen: 20.16 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

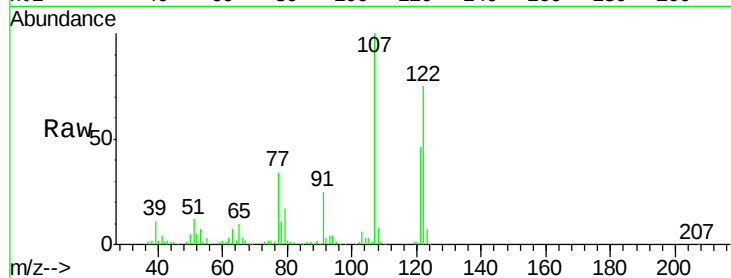
Tgt Ion: 107 Resp: 297218

Ion Ratio Lower Upper

107 100

121 45.9 37.1 55.7

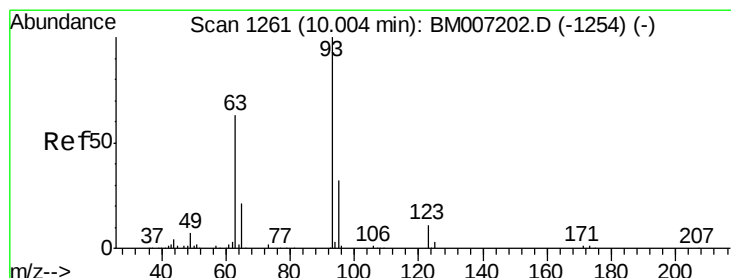
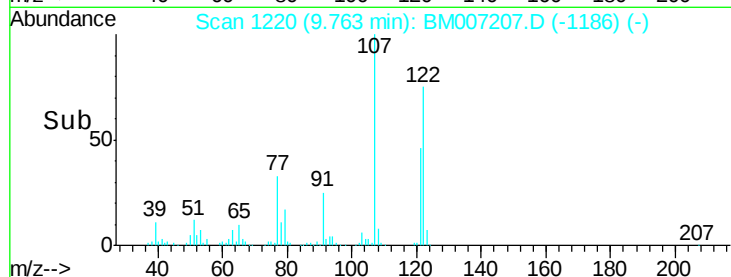
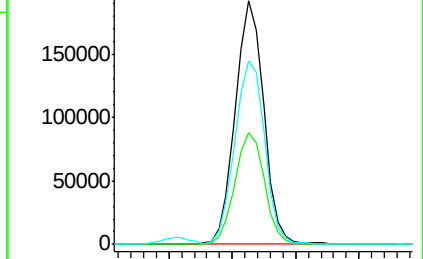
122 75.4 62.8 94.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.59 ng/ul

RT: 10.00 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

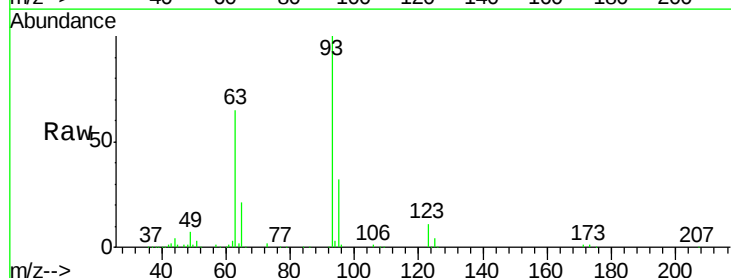
Tgt Ion: 93 Resp: 312169

Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.0

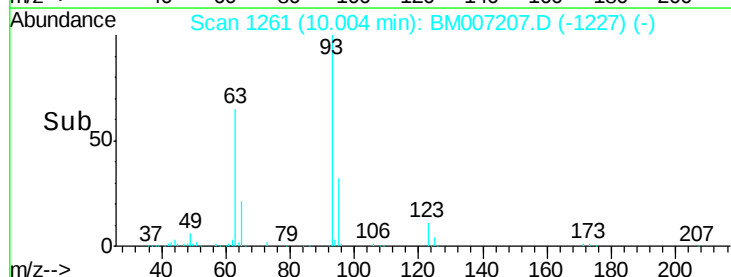
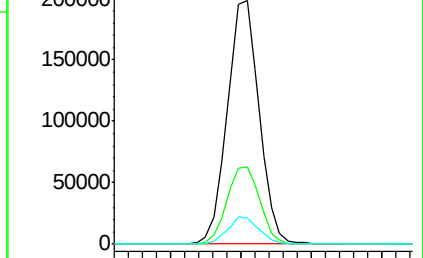
123 10.5 8.3 12.5

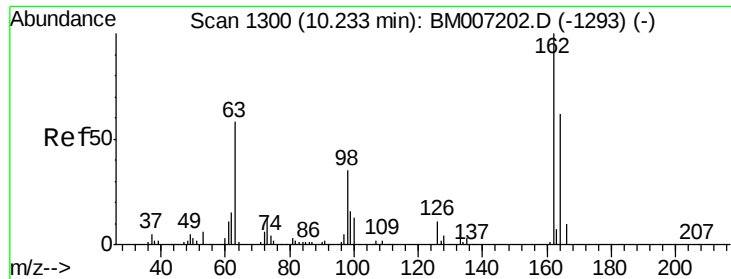


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

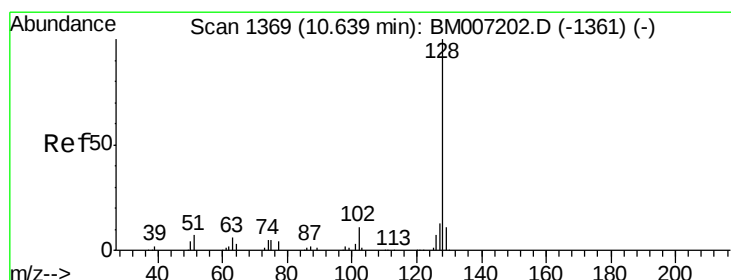
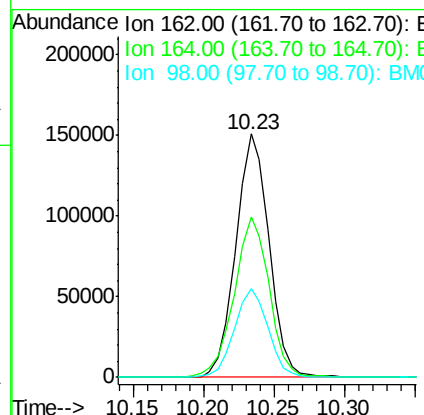
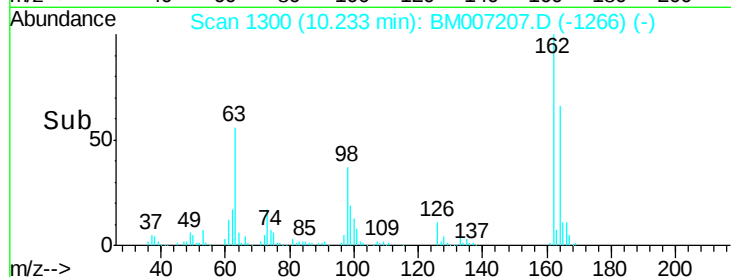
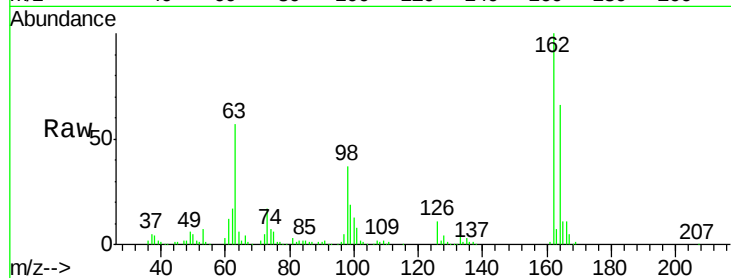




#27
2,4-Dichlorophenol
Concen: 20.22 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

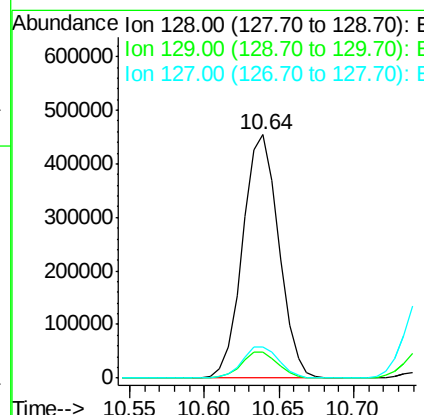
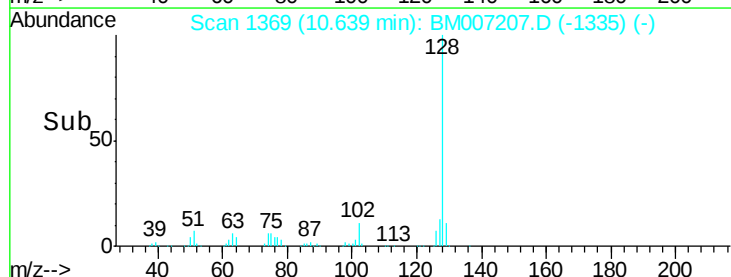
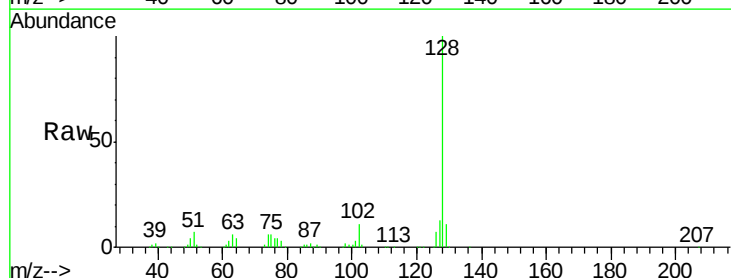
Instrument :
BNA_M
ClientSampleId :
SSTD02052

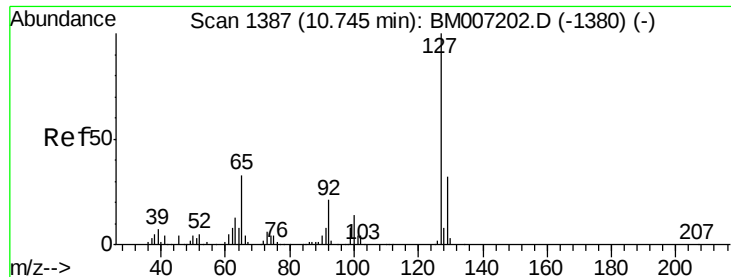
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	51.6	77.4
98	36.5	28.4	42.6



#28
Naphthalene
Concen: 20.25 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.6	10.6	15.8

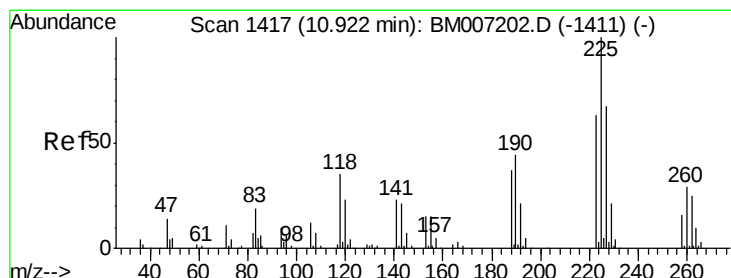
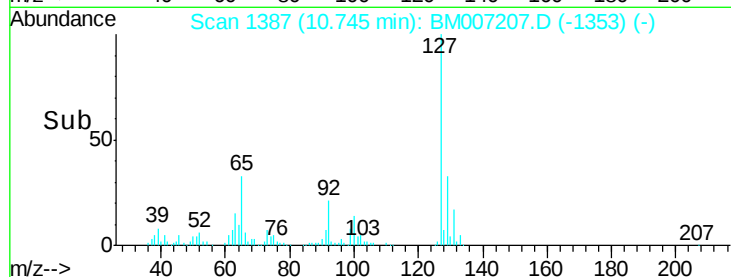
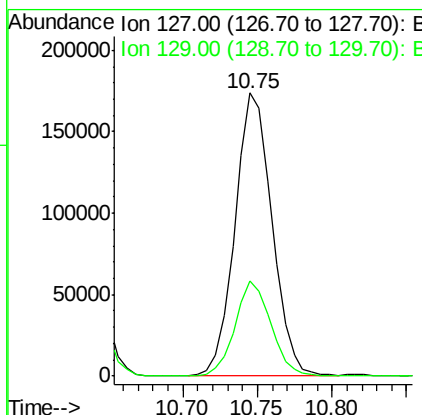
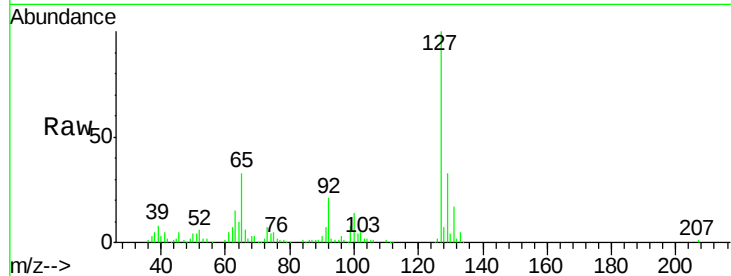




#30
4-Chloroaniline
Concen: 20.00 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

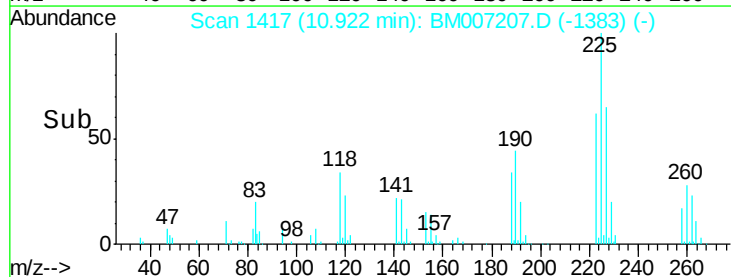
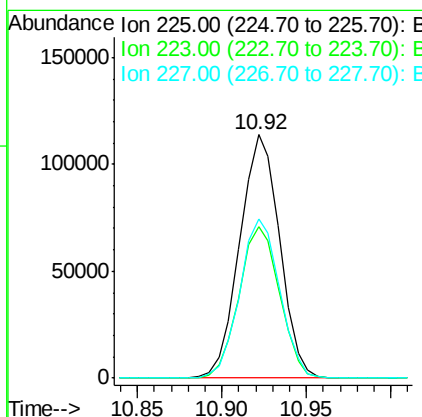
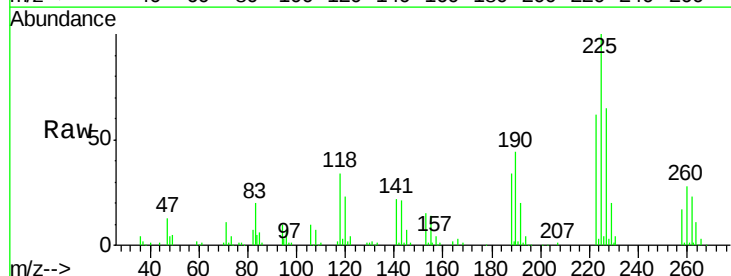
Instrument :
BNA_M
ClientSampleId :
SSTD02052

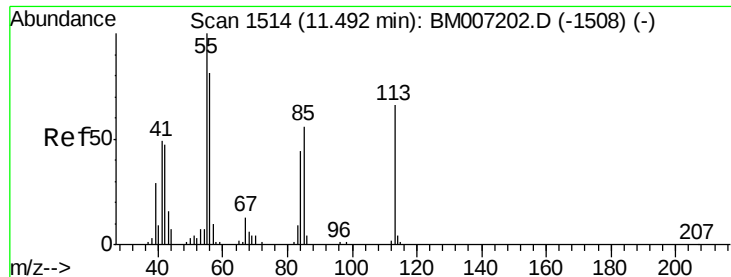
Tgt Ion:127 Resp: 300716
Ion Ratio Lower Upper
127 100
129 33.4 24.6 37.0



#31
Hexachlorobutadiene
Concen: 20.72 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion:225 Resp: 187994
Ion Ratio Lower Upper
225 100
223 62.3 51.2 76.8
227 65.4 52.5 78.7





#32

Caprolactam

Concen: 16.57 ng/ul

RT: 11.49 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

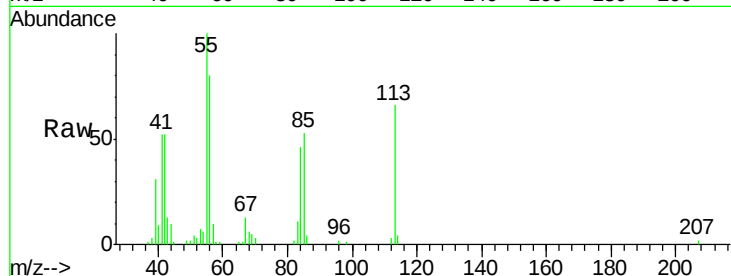
Tgt Ion:113 Resp: 68892

Ion Ratio Lower Upper

113 100

55 152.5 121.9 182.9

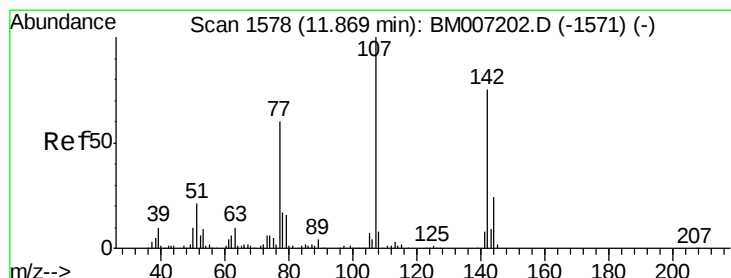
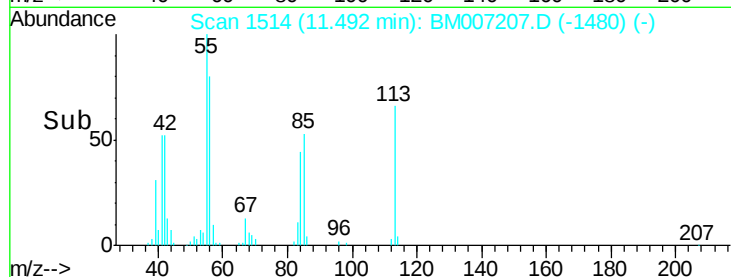
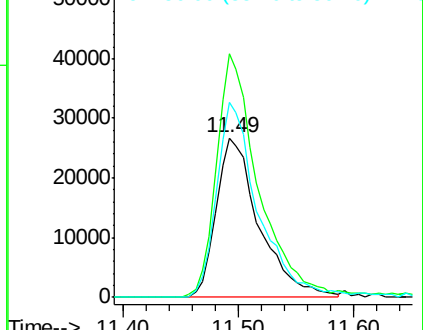
56 122.2 97.4 146.0



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: 19.25 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

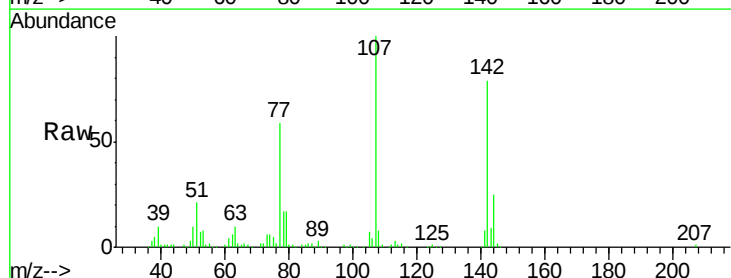
Tgt Ion:107 Resp: 258084

Ion Ratio Lower Upper

107 100

144 25.2 21.1 31.7

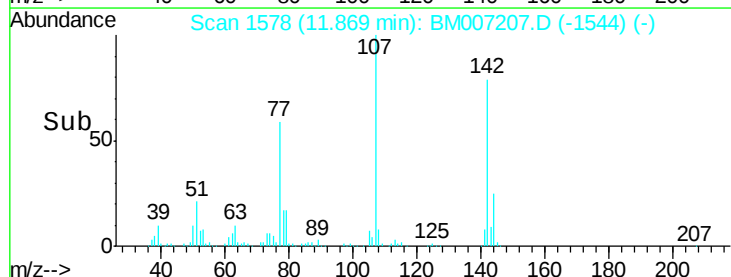
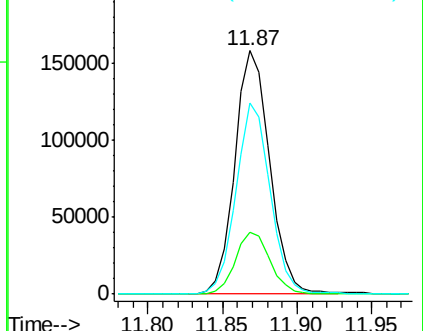
142 78.7 64.1 96.1

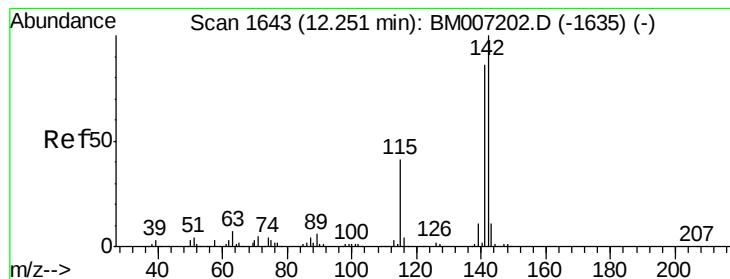


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.58 ng/ul

RT: 12.25 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

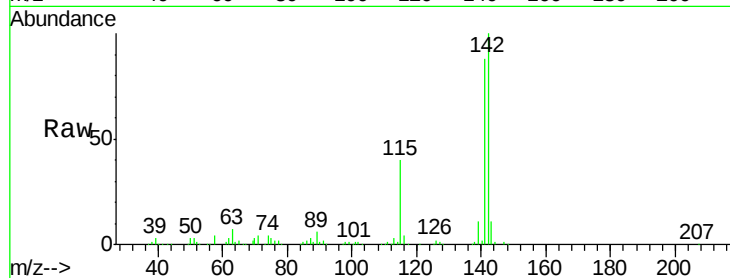
SSTD02052

Tgt Ion:142 Resp: 566816

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.25

400000

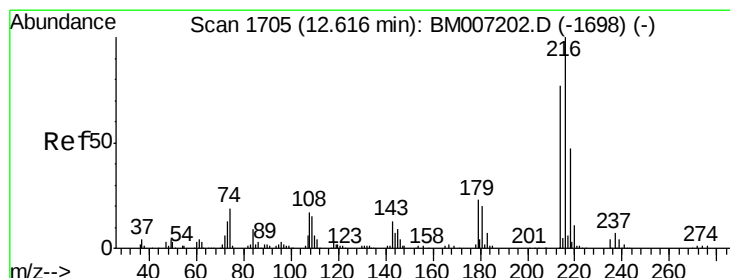
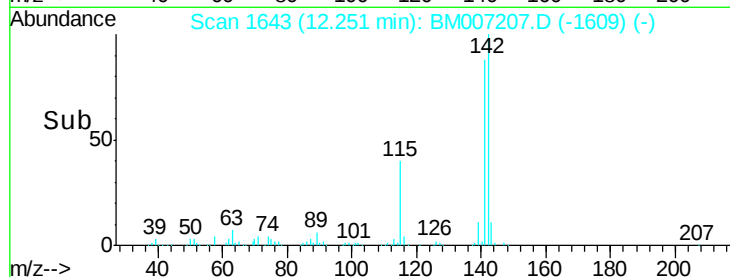
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.76 ng/ul

RT: 12.62 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Tgt Ion:216 Resp: 330191

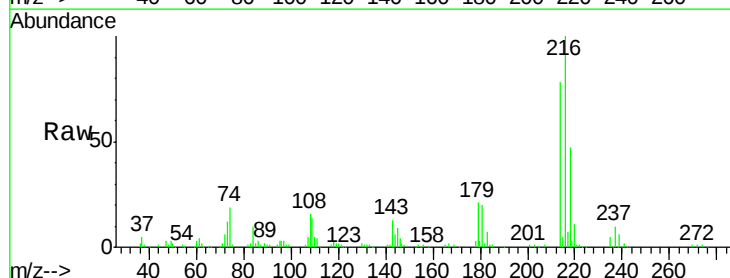
Ion Ratio Lower Upper

216 100

214 77.6 64.8 97.2

179 21.0 16.7 25.1

108 15.9 13.2 19.8



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

300000

250000

200000

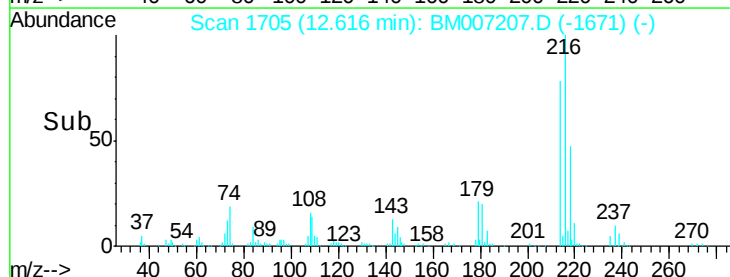
150000

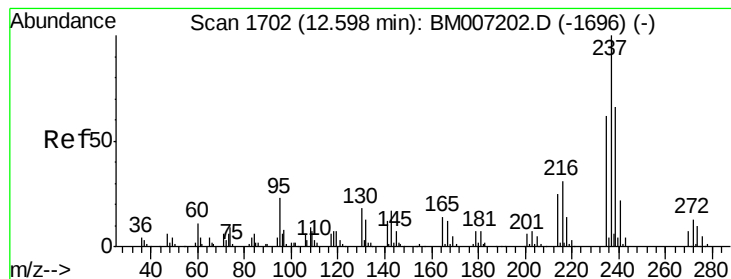
100000

50000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 15.20 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

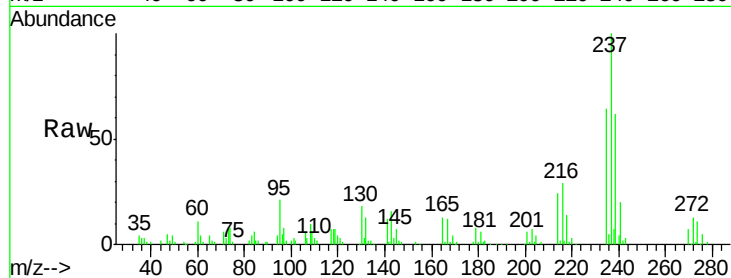
Tgt Ion:237 Resp: 146885

Ion Ratio Lower Upper

237 100

235 63.9 49.6 74.4

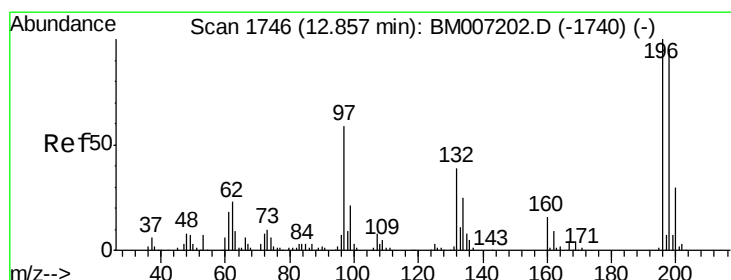
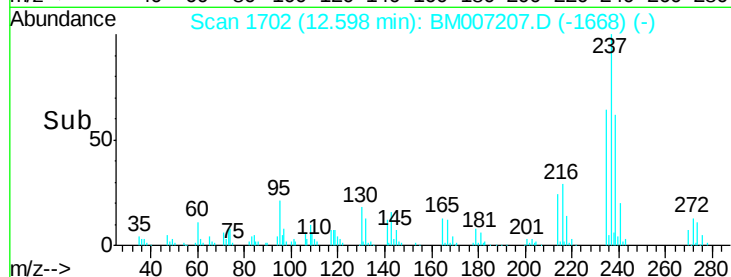
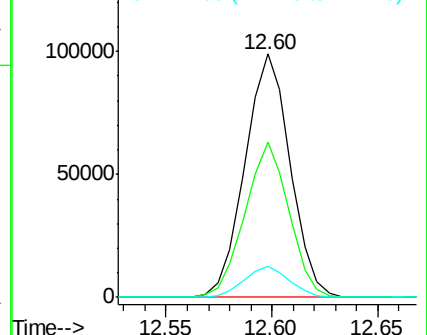
272 12.7 10.4 15.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.76 ng/ul

RT: 12.86 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

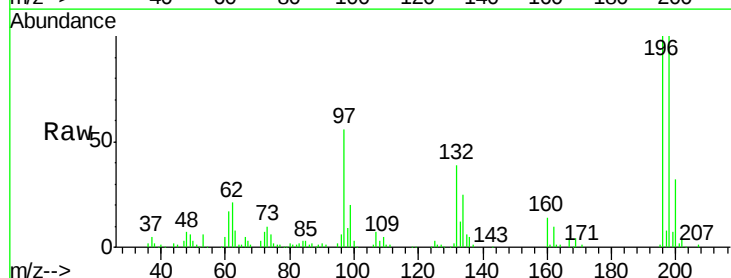
Tgt Ion:196 Resp: 201979

Ion Ratio Lower Upper

196 100

198 100.0 76.9 115.3

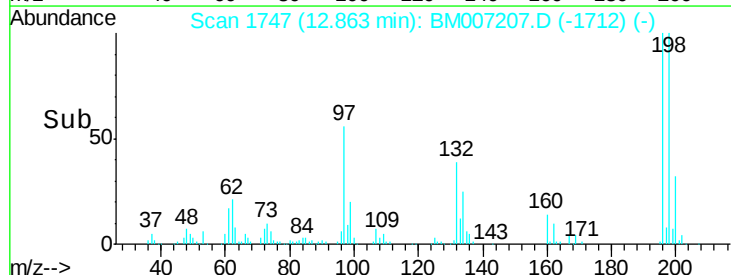
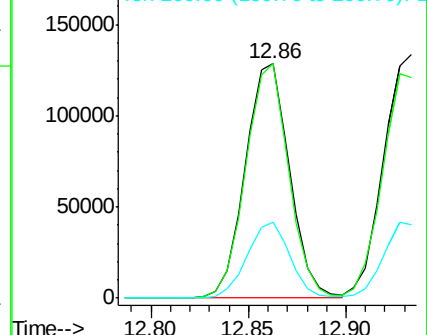
200 32.5 25.1 37.7

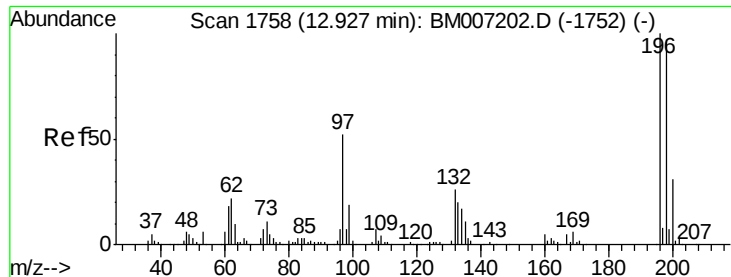


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

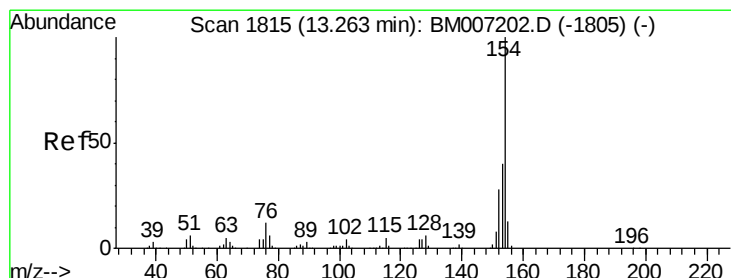
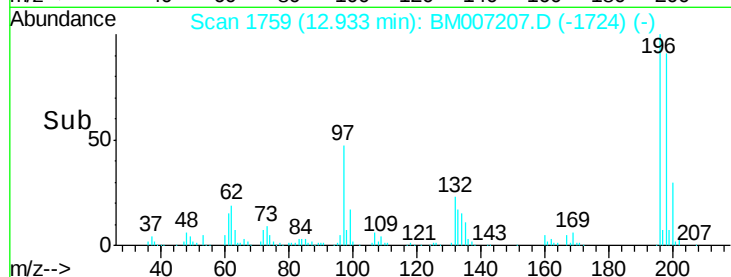
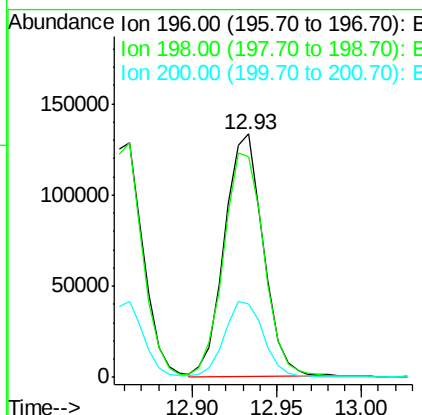
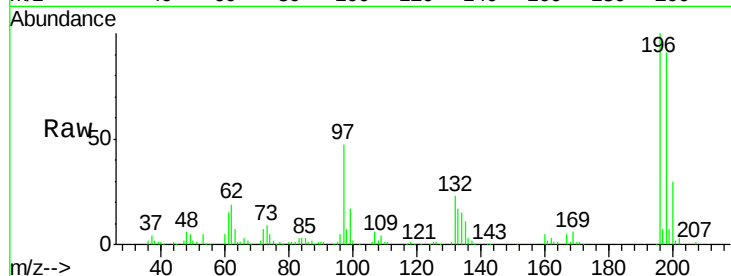




#39
 2,4,5-Trichlorophenol
 Concen: 20.88 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

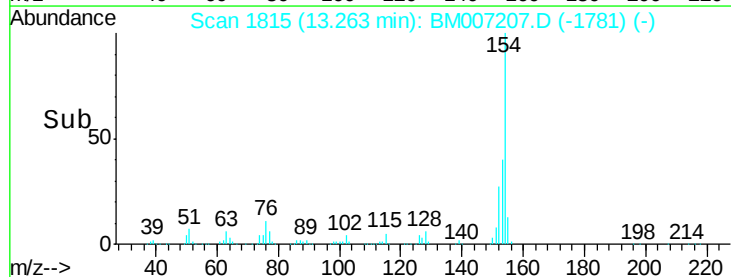
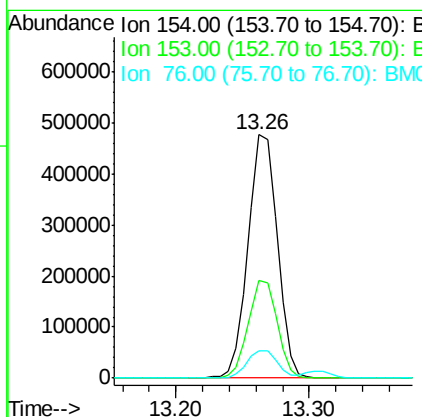
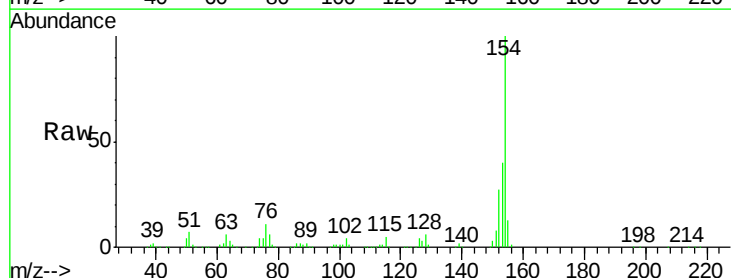
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

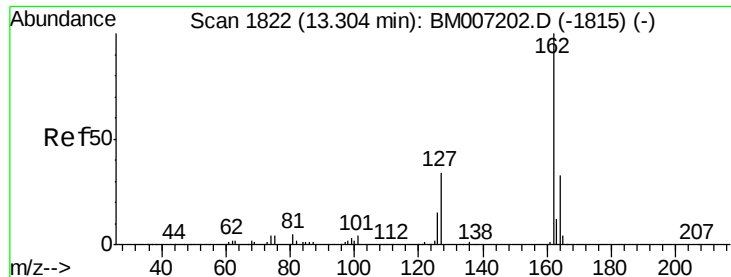
Tgt Ion:196 Resp: 212733
 Ion Ratio Lower Upper
 196 100
 198 90.6 76.8 115.2
 200 30.1 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 20.96 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion:154 Resp: 721315
 Ion Ratio Lower Upper
 154 100
 153 40.2 31.3 46.9
 76 11.4 10.0 15.0

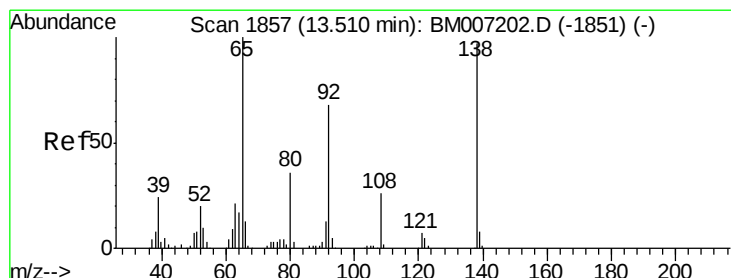
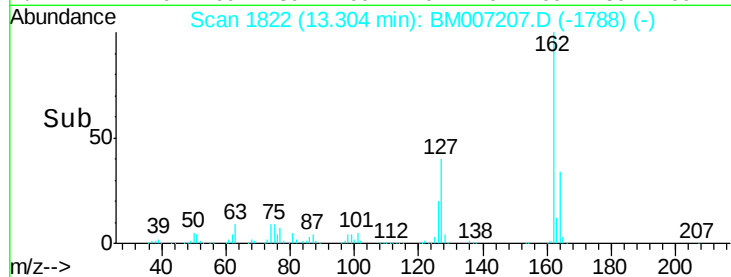
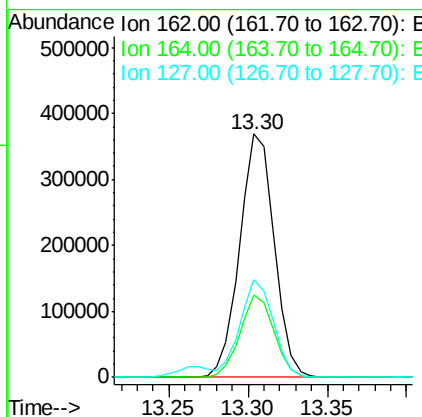
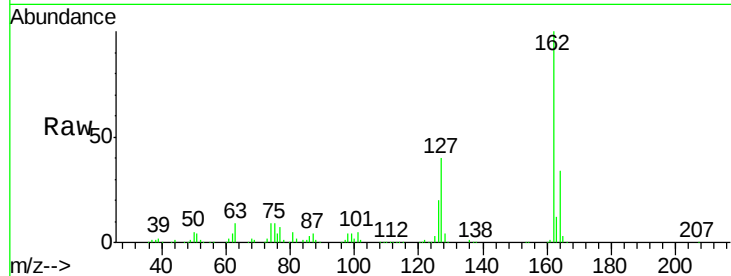




#41
 2-Chloronaphthalene
 Concen: 20.68 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

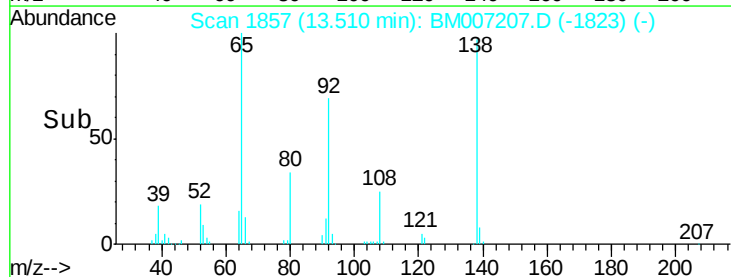
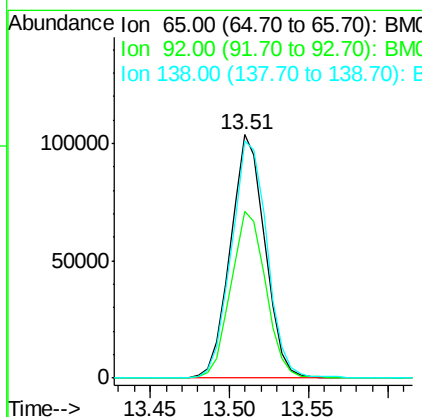
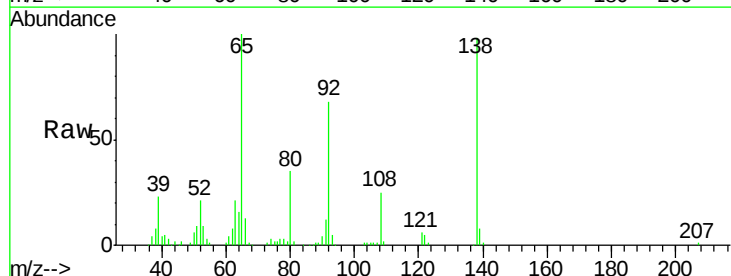
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

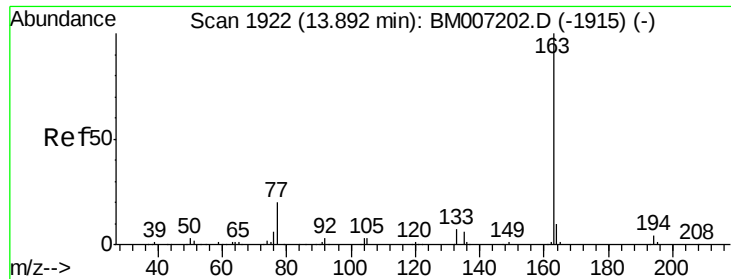
Tgt Ion:	162	Resp:	558471
Ion	Ratio	Lower	Upper
162	100		
164	34.0	26.9	40.3
127	40.1	31.2	46.8



#42
 2-Nitroaniline
 Concen: 20.19 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion:	65	Resp:	156516
Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.6	83.4
138	97.6	81.3	121.9





#44

Dimethylphthalate

Concen: 19.21 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

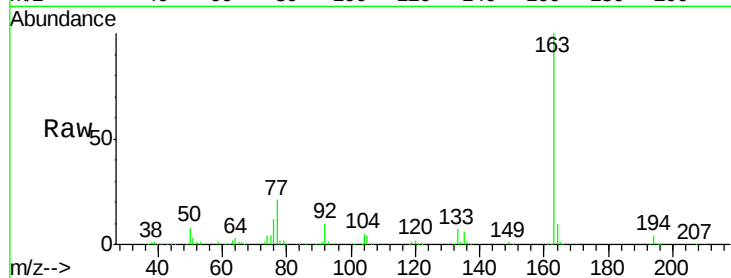
Instrument :

BNA_M

ClientSampleId :

SSTD02052

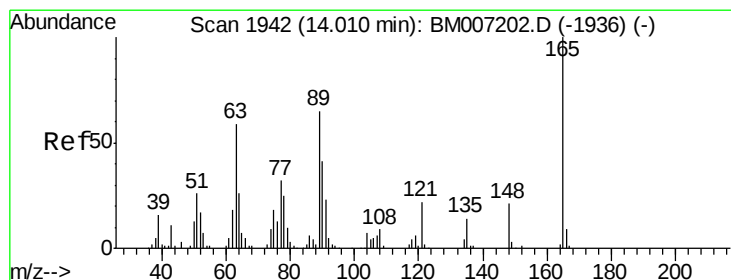
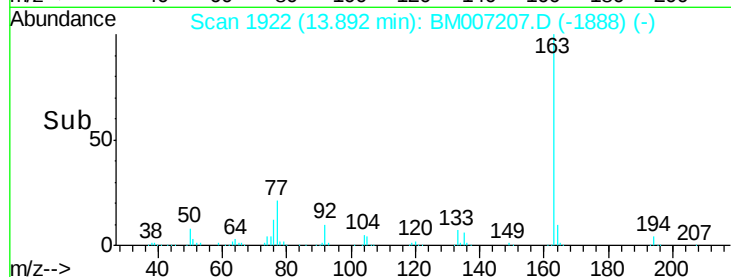
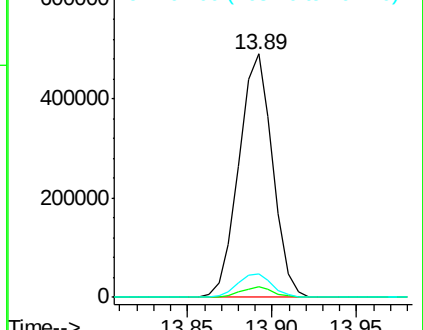
Tgt Ion:	163	Resp:	680756
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	7.8	11.8



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: 20.23 ng/ul

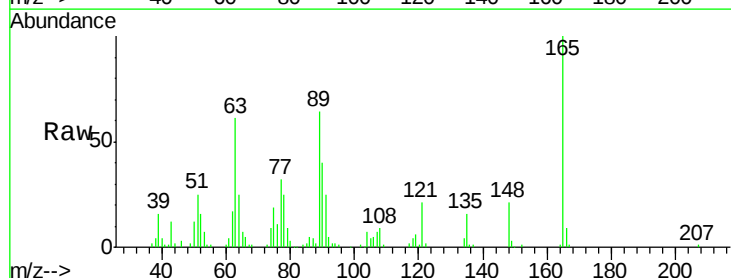
RT: 14.01 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

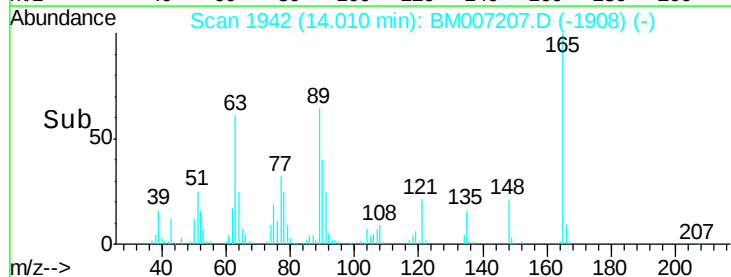
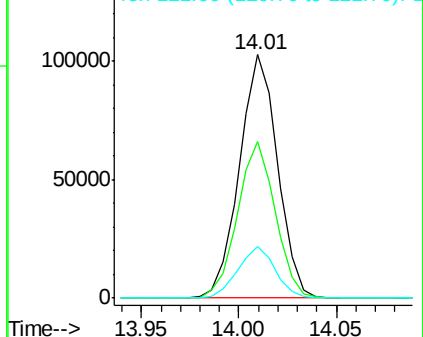
Tgt Ion:	165	Resp:	139293
Ion	Ratio	Lower	Upper
165	100		
89	64.2	46.6	69.8
121	21.2	16.0	24.0

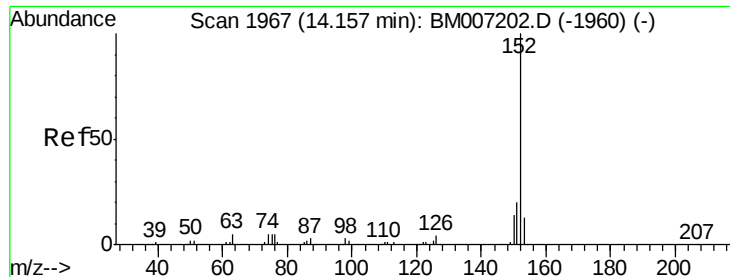


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

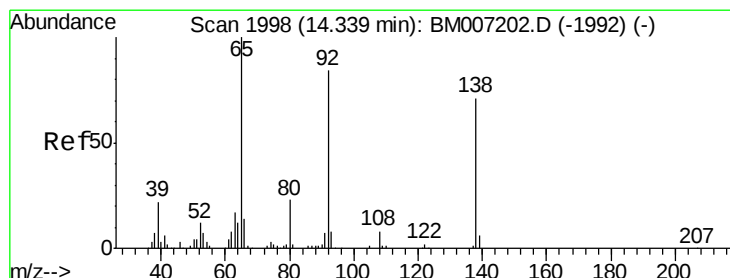
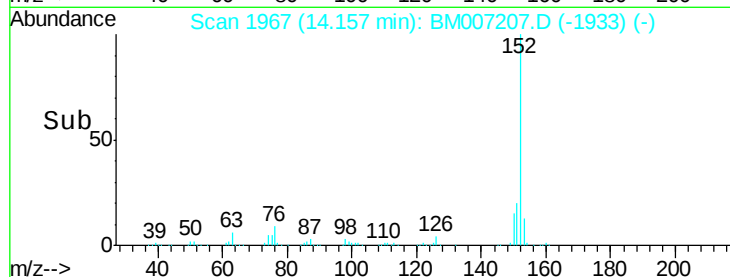
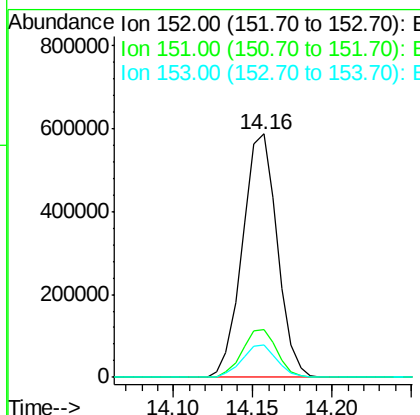
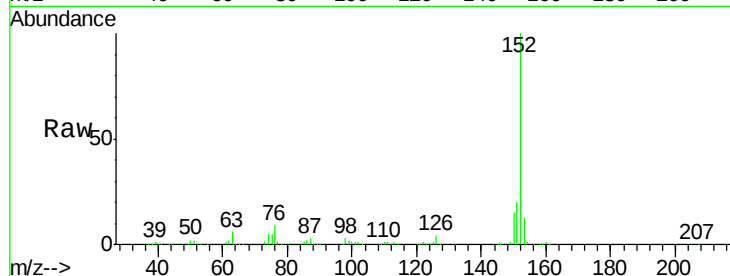




#47
Acenaphthylene
Concen: 20.40 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

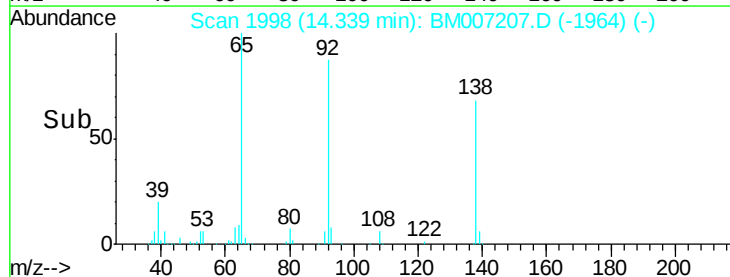
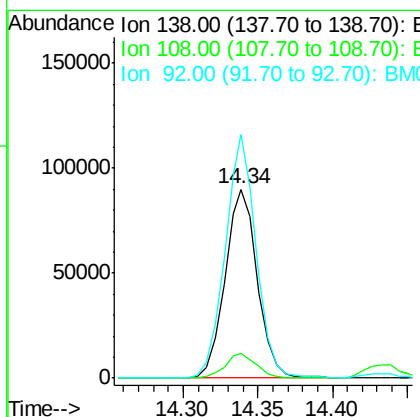
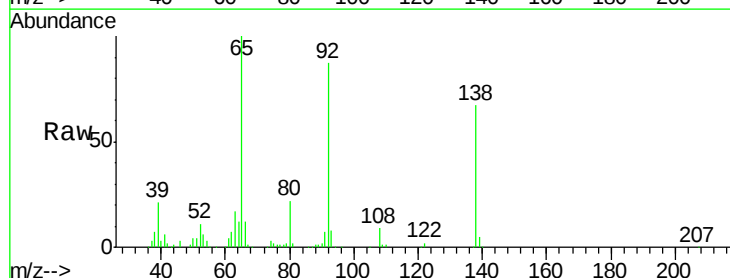
Instrument :
BNA_M
ClientSampleId :
SSTD02052

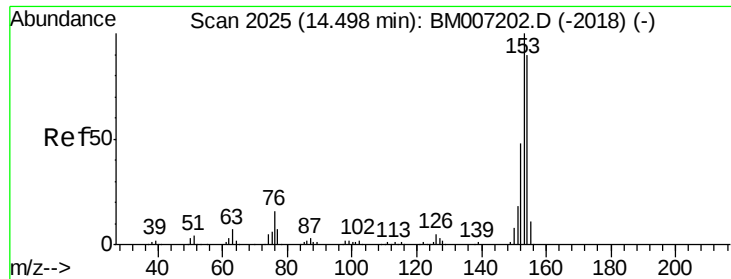
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.2	11.0	16.6



#48
3-Nitroaniline
Concen: 19.96 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.4	14.0
92	129.0	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: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

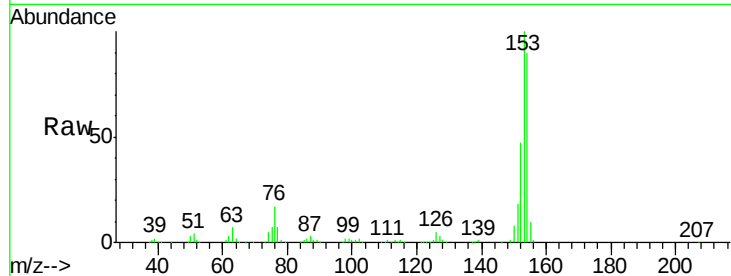
Tgt Ion:153 Resp: 573911

Ion Ratio Lower Upper

153 100

152 46.7 37.8 56.6

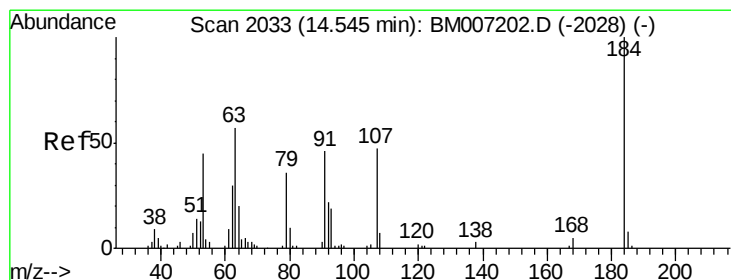
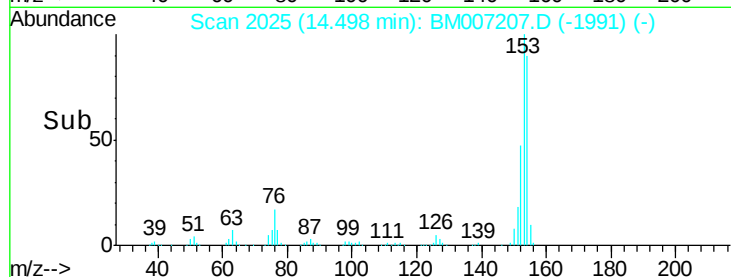
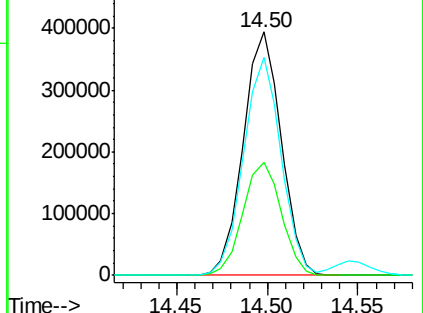
154 89.5 71.4 107.0



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: 13.69 ng/ul

RT: 14.54 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

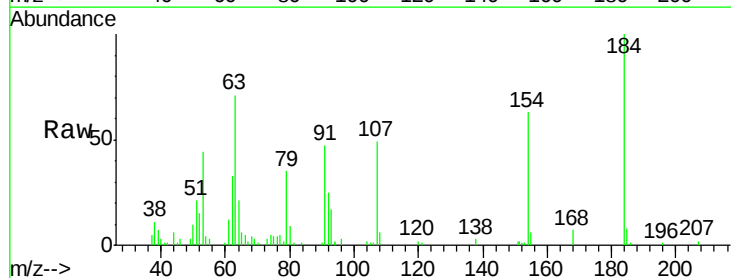
Tgt Ion:184 Resp: 55878

Ion Ratio Lower Upper

184 100

63 71.4 43.4 65.0#

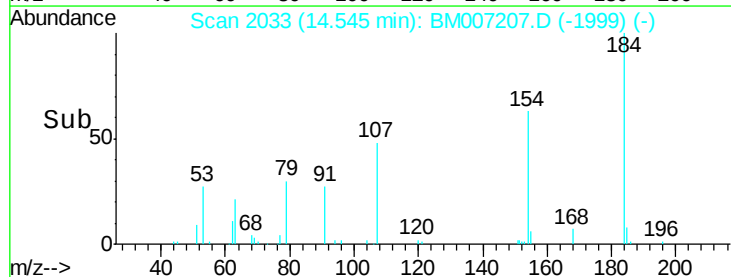
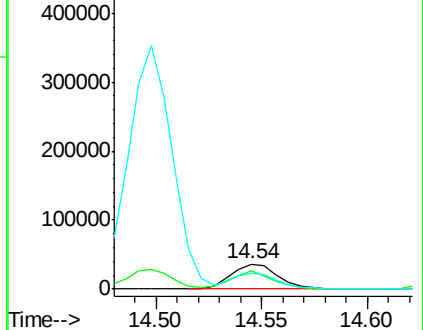
154 63.0 48.2 72.4

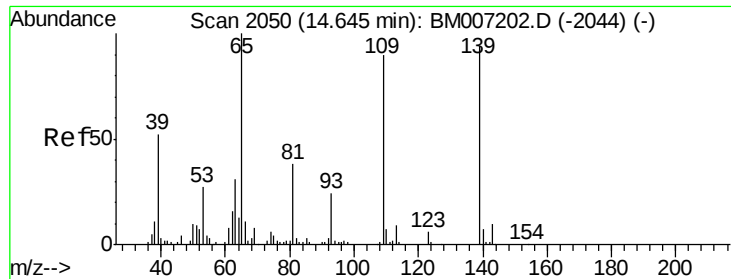


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

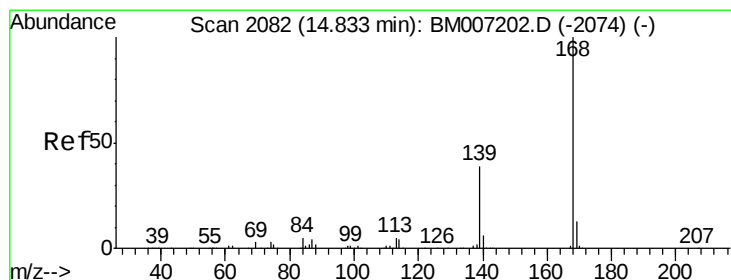
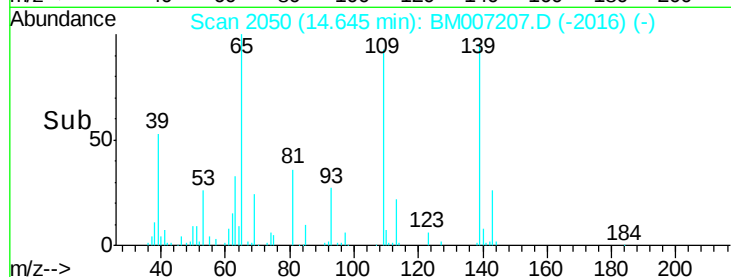
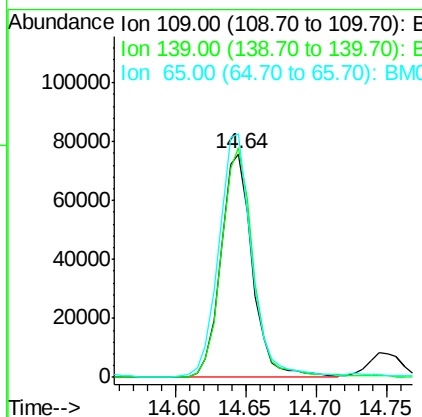
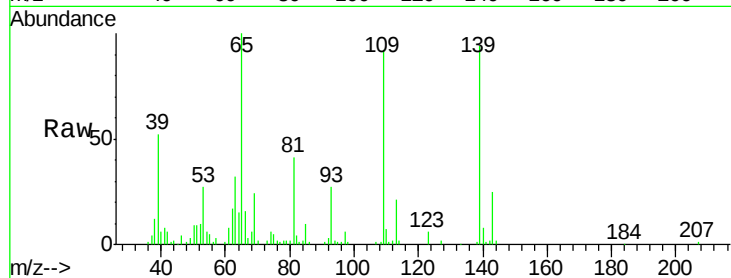




#52
4-Nitrophenol
Concen: 18.29 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

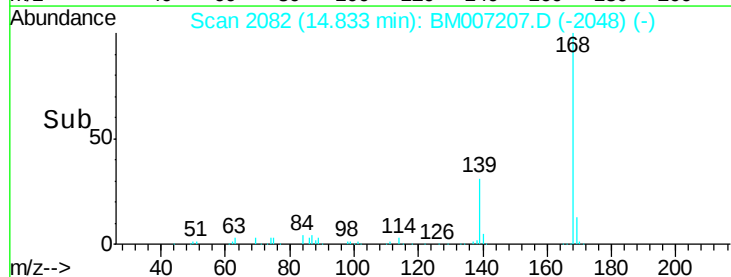
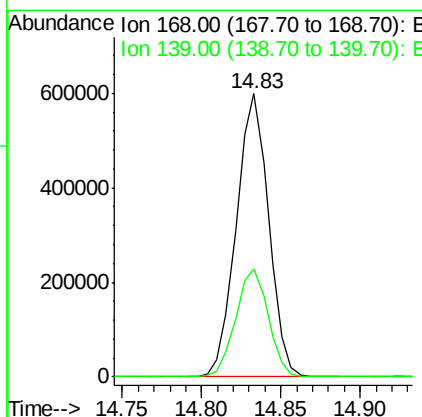
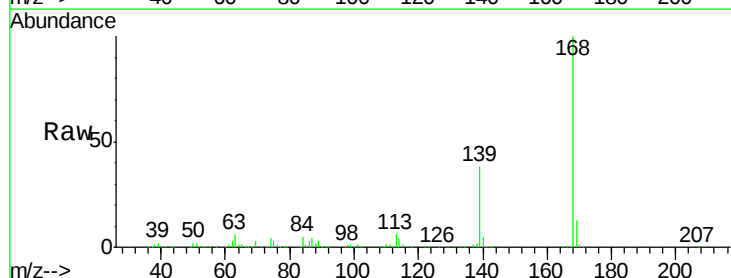
Instrument :
BNA_M
ClientSampleId :
SSTD02052

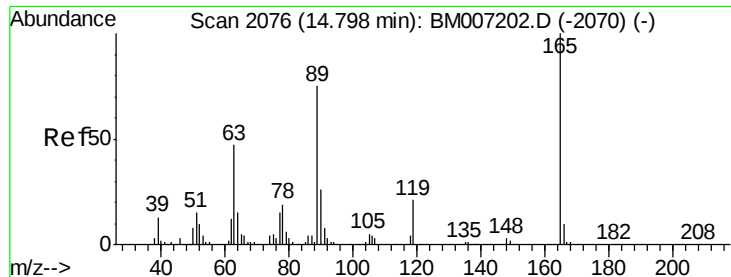
Tgt Ion	Ratio	Lower	Upper
109	100		
139	102.5	88.7	133.1
65	108.9	96.4	144.6



#53
Dibenzofuran
Concen: 20.05 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1

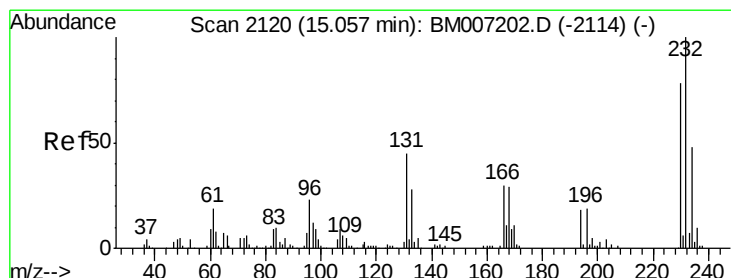
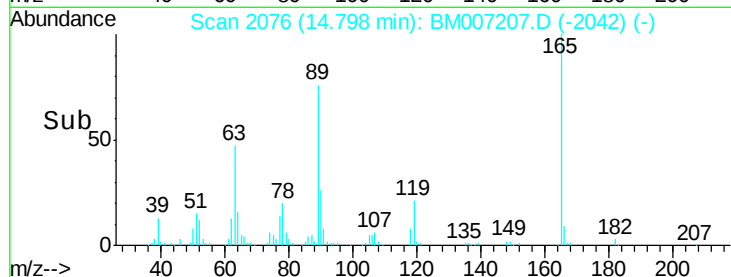
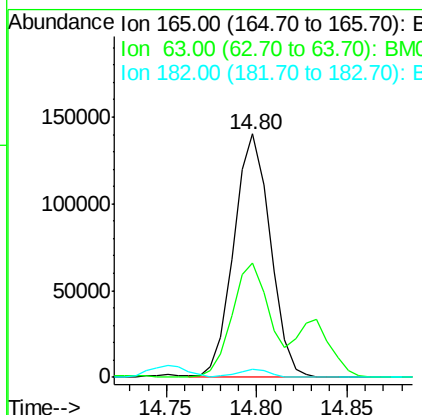
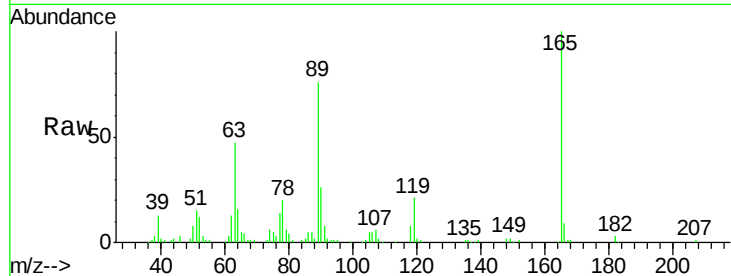




#54
 2,4-Dinitrotoluene
 Concen: 19.44 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

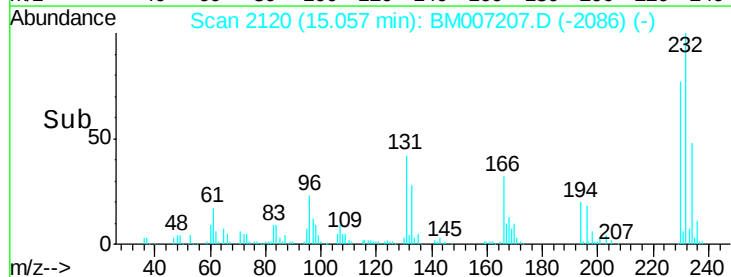
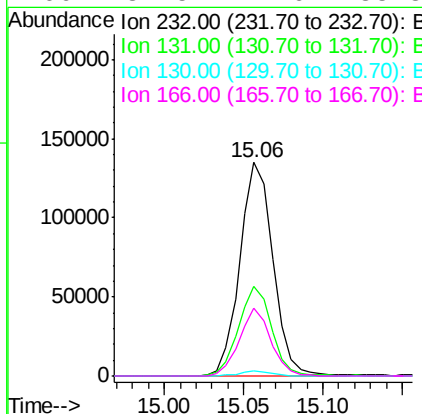
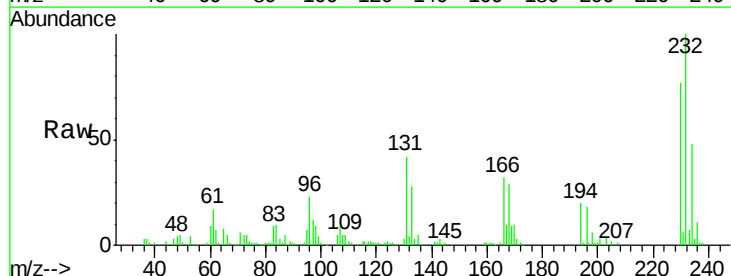
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

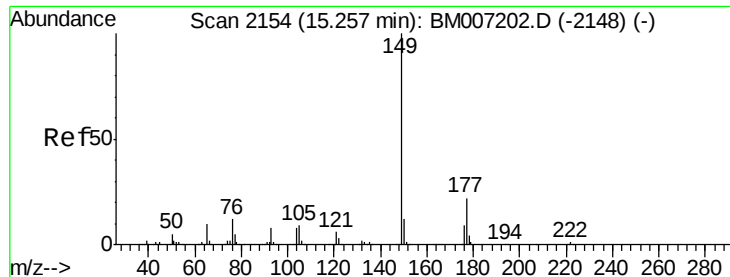
Tgt Ion:165 Resp: 197472
 Ion Ratio Lower Upper
 165 100
 63 47.1 36.2 54.2
 182 3.1 2.2 3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.92 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion:232 Resp: 196139
 Ion Ratio Lower Upper
 232 100
 131 42.0 31.4 47.0
 130 2.5 1.6 2.4#
 166 31.5 22.6 33.8

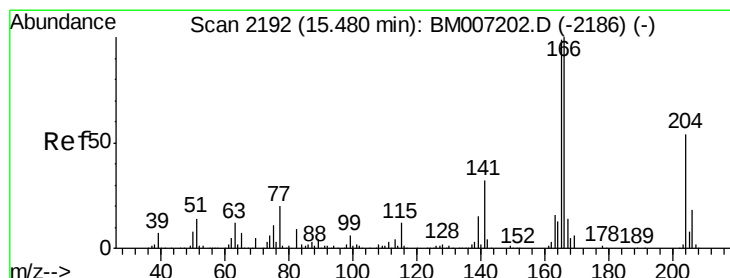
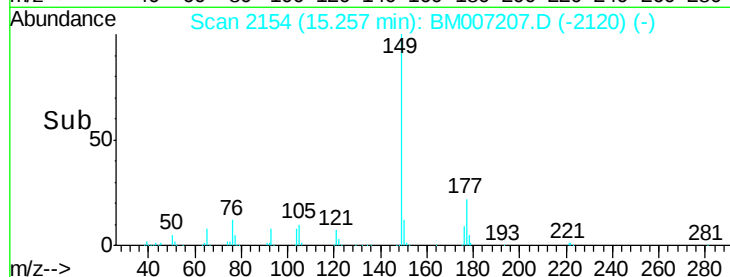
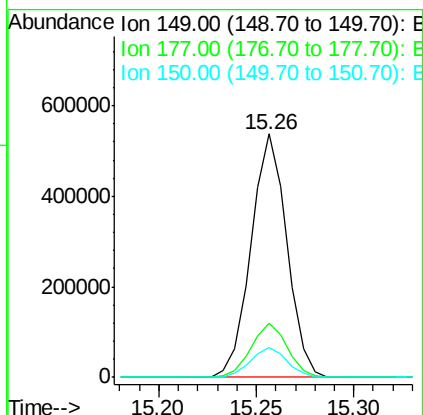
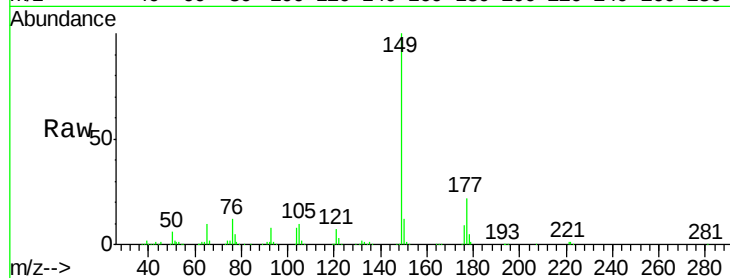




#56
Diethylphthalate
Concen: 18.26 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

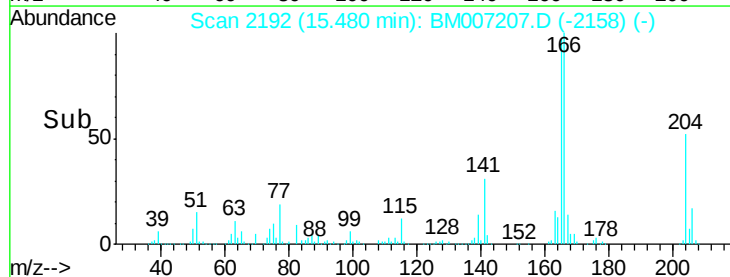
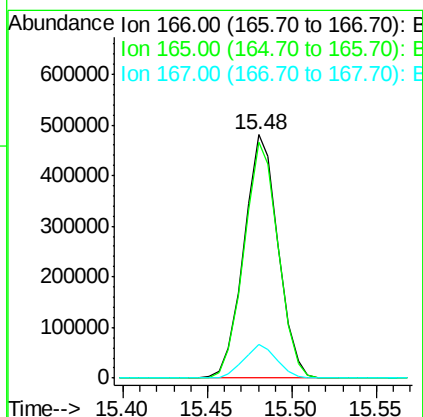
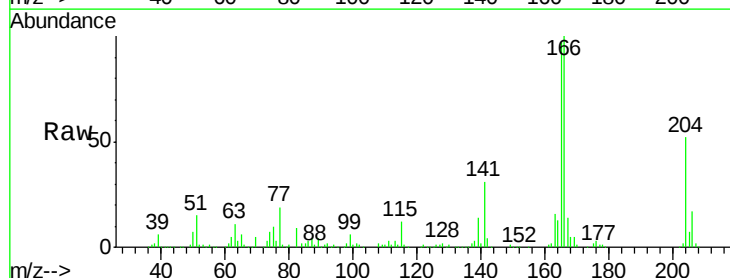
Instrument :
BNA_M
ClientSampleId :
SSTD02052

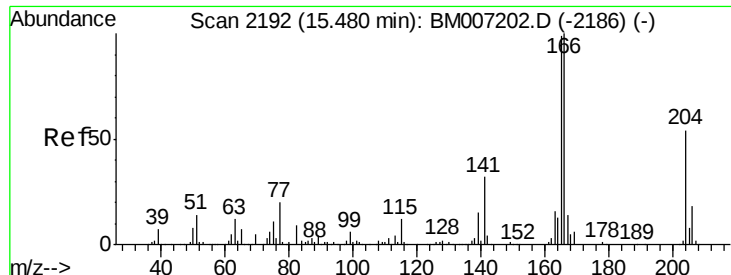
Tgt Ion:149 Resp: 682328
Ion Ratio Lower Upper
149 100
177 22.3 18.6 28.0
150 12.4 10.0 15.0



#58
Fluorene
Concen: 19.79 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion:166 Resp: 674117
Ion Ratio Lower Upper
166 100
165 96.8 79.9 119.9
167 13.8 10.5 15.7

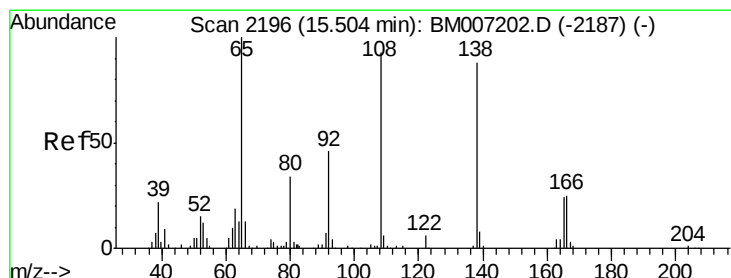
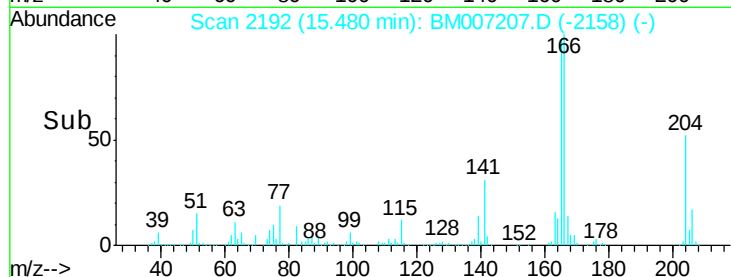
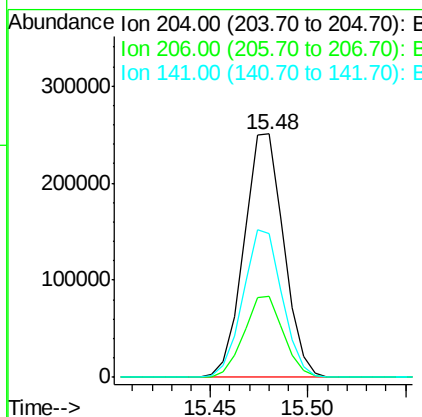
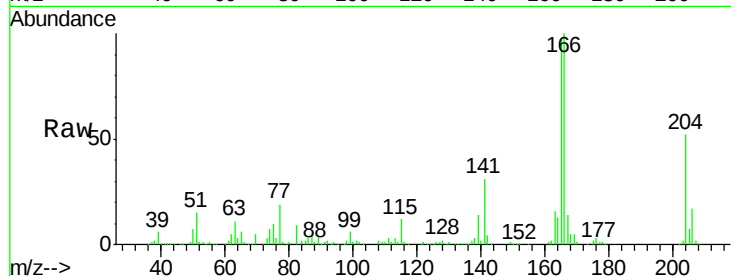




#59
 4-Chlorophenyl-phenylether
 Concen: 19.62 ng/ul
 RT: 15.48 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

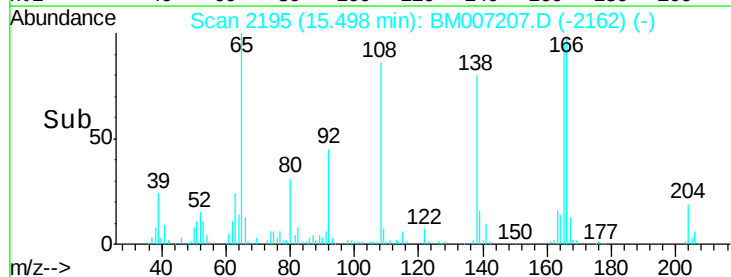
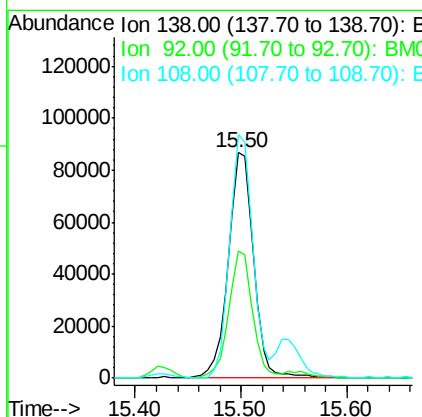
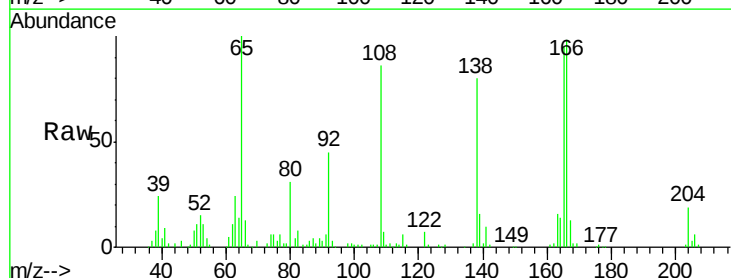
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

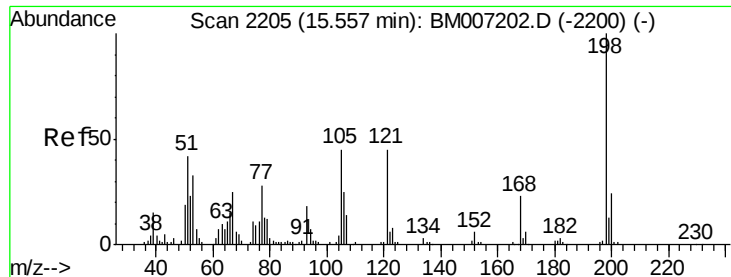
Tgt Ion:204 Resp: 352912
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.9 38.9
 141 59.1 46.1 69.1



#60
 4-Nitroaniline
 Concen: 18.00 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion:138 Resp: 143760
 Ion Ratio Lower Upper
 138 100
 92 56.3 43.5 65.3
 108 108.1 80.3 120.5

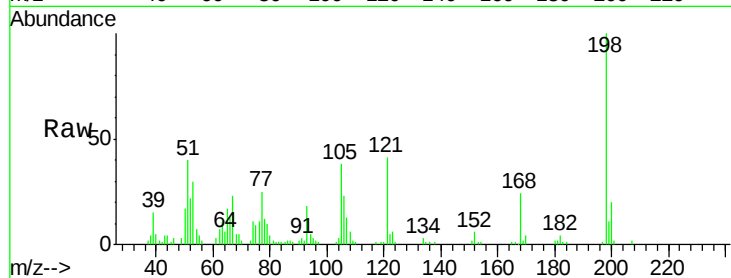




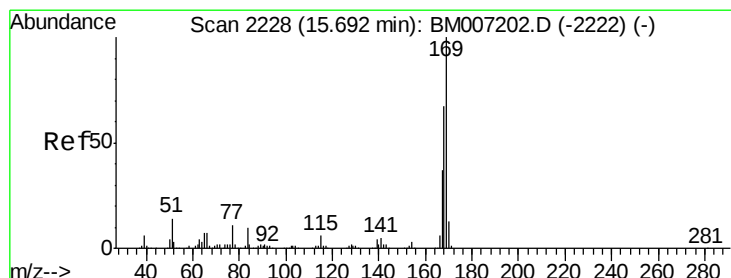
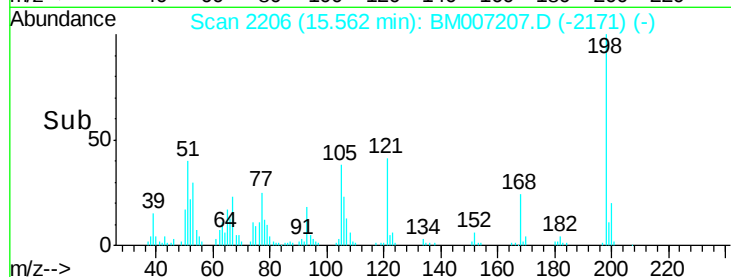
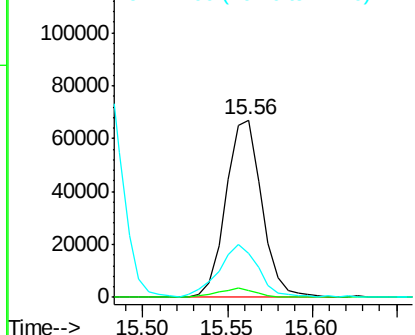
#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.43 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

Tgt Ion:198 Resp: 99171
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.3 4.9
 77 25.1 21.8 32.6

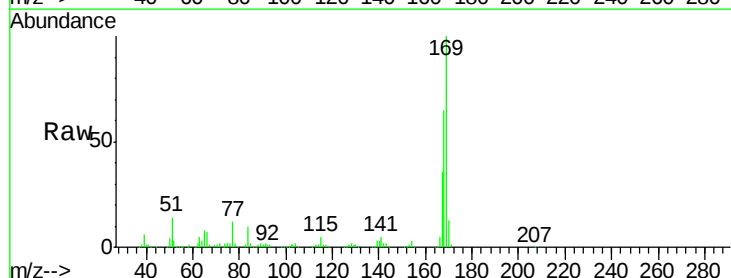


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

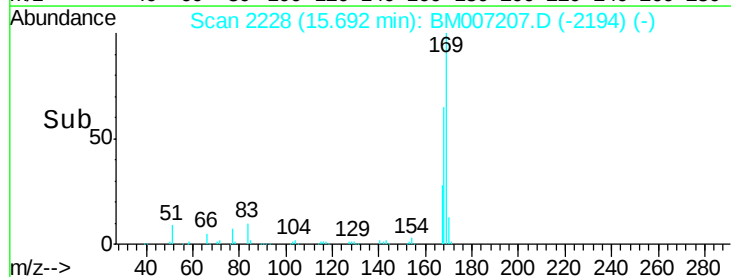
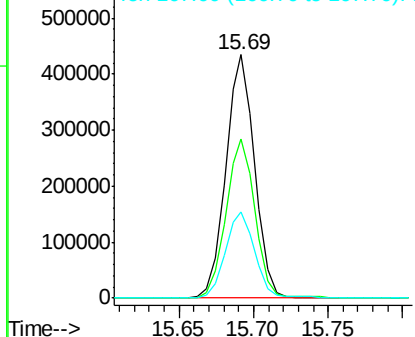


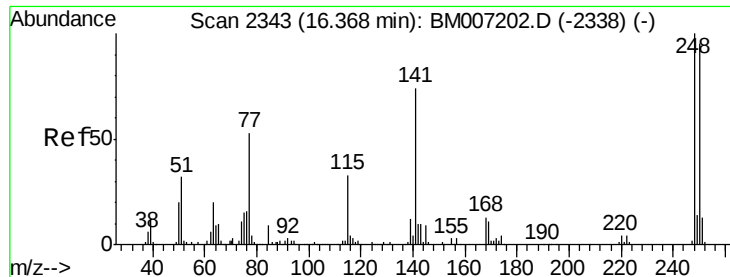
#64
 N-Nitrosodiphenylamine
 Concen: 20.57 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BM007207.D
 Acq: 18 Aug 2016 17:03

Tgt Ion:169 Resp: 584549
 Ion Ratio Lower Upper
 169 100
 168 65.2 52.6 79.0
 167 35.5 28.6 43.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

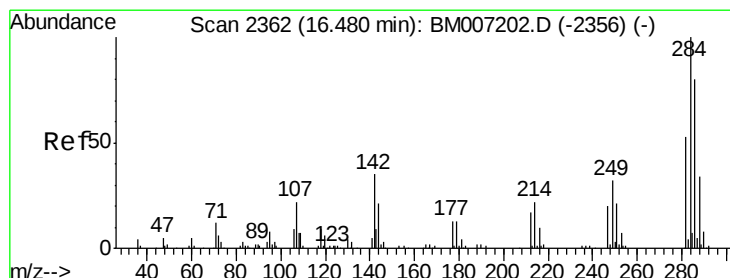
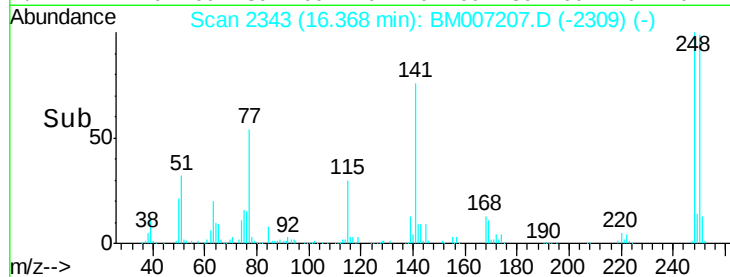
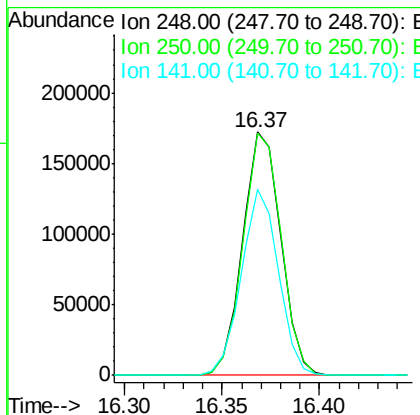
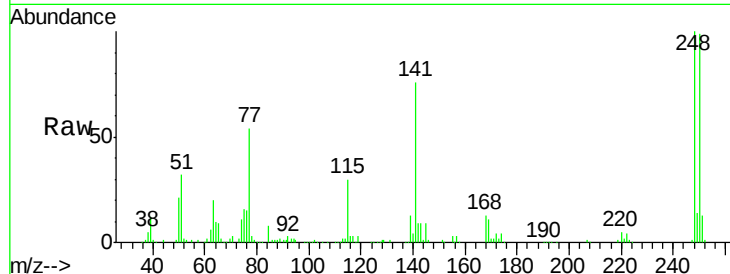




#65
4-Bromophenyl-phenylether
Concen: 20.58 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

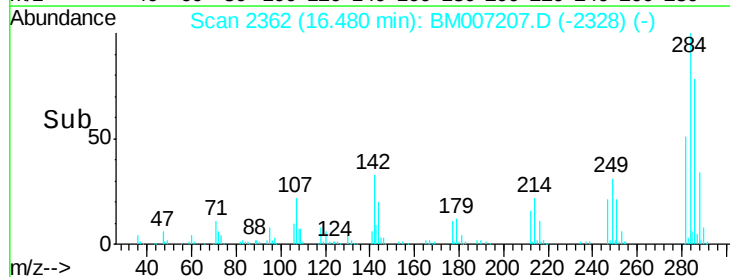
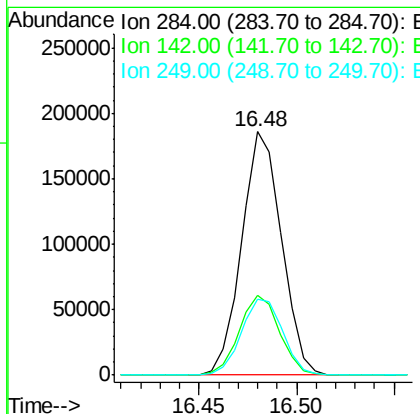
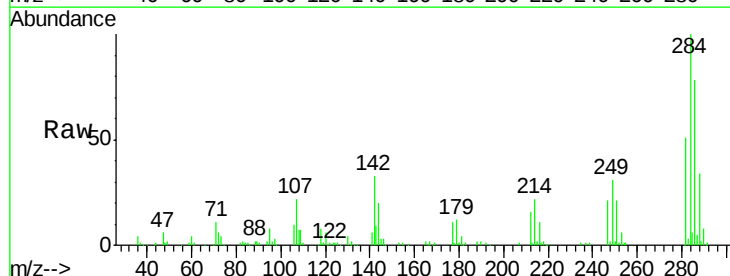
Instrument :
BNA_M
ClientSampleId :
SSTD02052

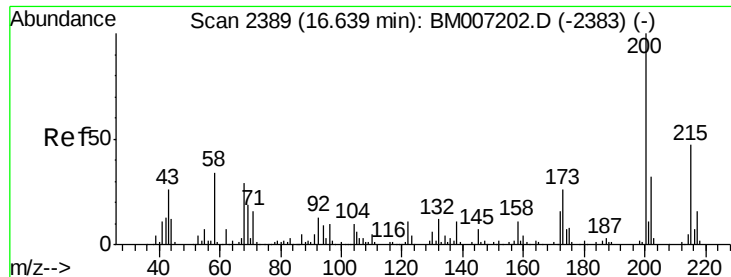
Tgt Ion:248 Resp: 234047
Ion Ratio Lower Upper
248 100
250 99.4 79.7 119.5
141 76.5 58.3 87.5



#66
Hexachlorobenzene
Concen: 20.46 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion:284 Resp: 263228
Ion Ratio Lower Upper
284 100
142 32.9 24.9 37.3
249 31.4 25.5 38.3





#67

Atrazine

Concen: 19.76 ng/ul

RT: 16.64 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

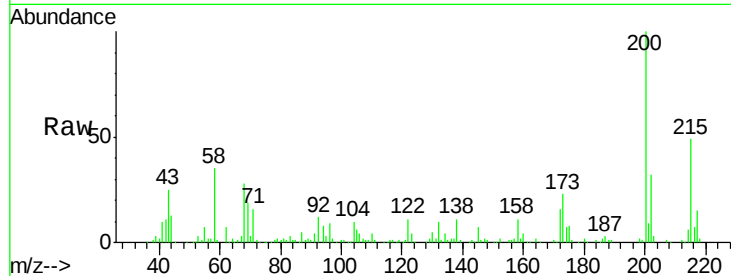
Tgt Ion:200 Resp: 226306

Ion Ratio Lower Upper

200 100

173 23.4 18.9 28.3

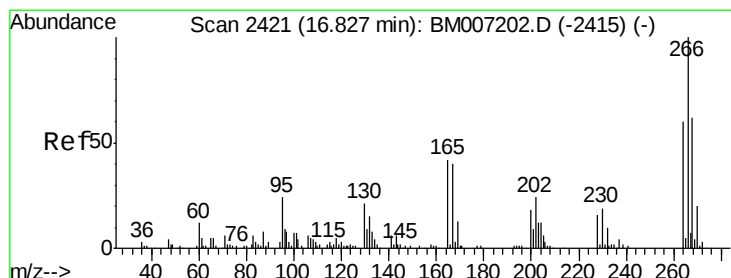
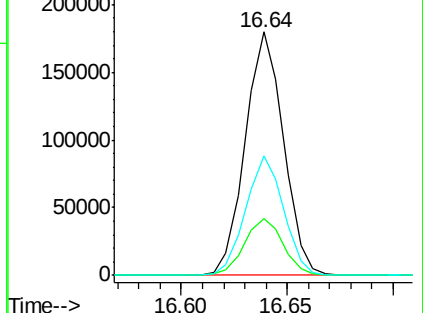
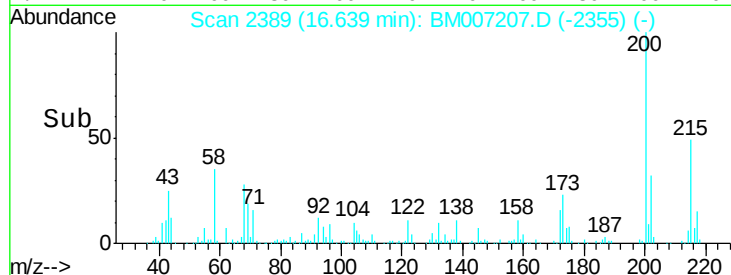
215 49.0 39.5 59.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 19.06 ng/ul

RT: 16.83 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

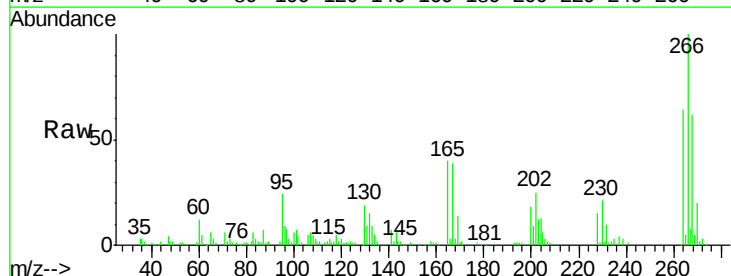
Tgt Ion:266 Resp: 150827

Ion Ratio Lower Upper

266 100

264 64.4 50.6 75.8

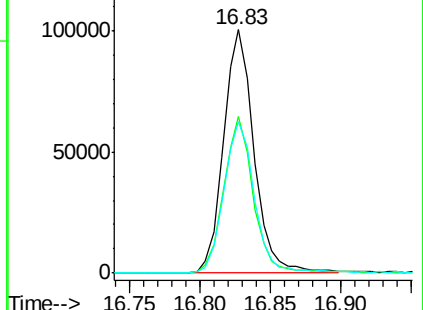
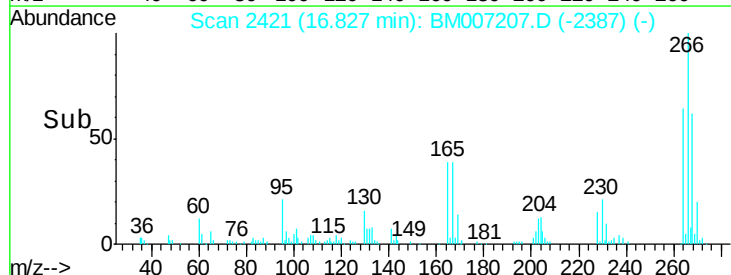
268 62.4 51.0 76.6

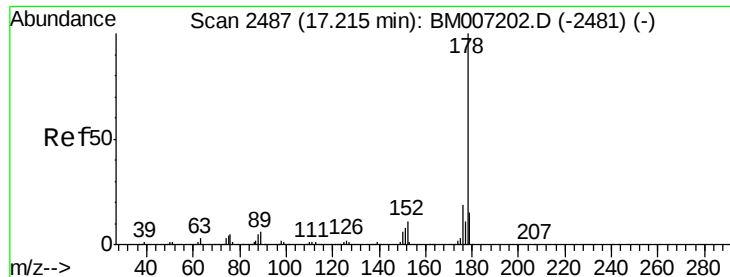


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.13 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

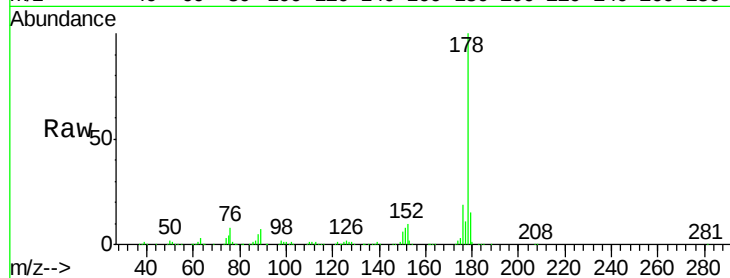
Tgt Ion:178 Resp: 1087185

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

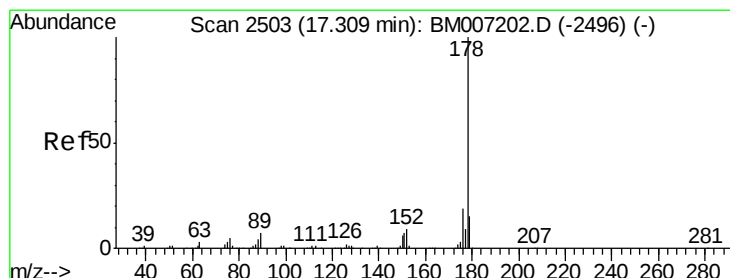
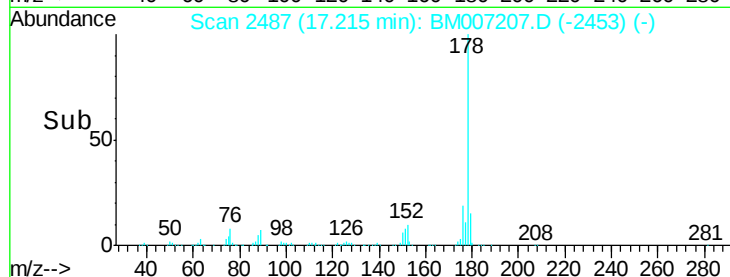
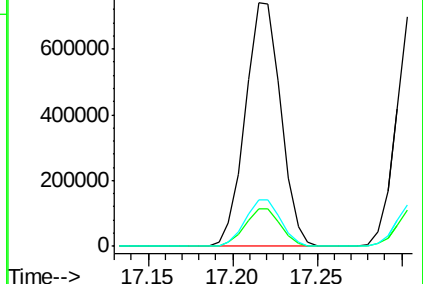
176 19.2 15.1 22.7



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: 20.34 ng/ul

RT: 17.31 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

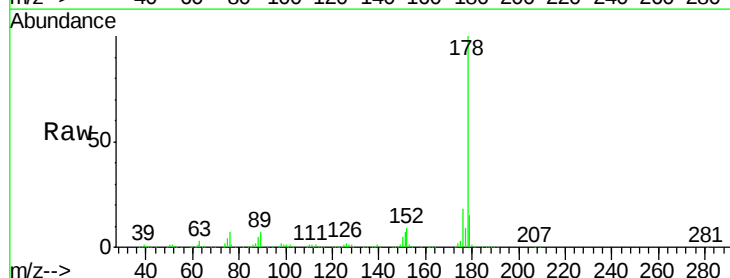
Tgt Ion:178 Resp: 1127126

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

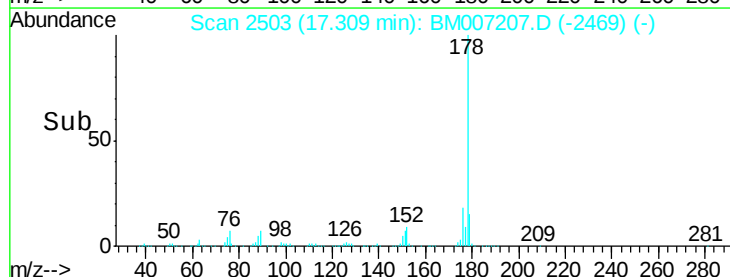
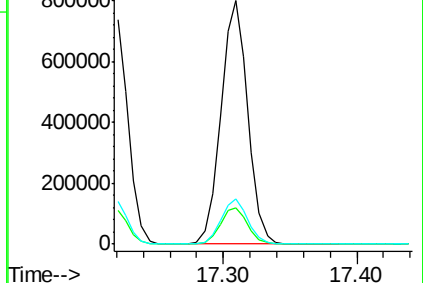
176 18.3 14.5 21.7

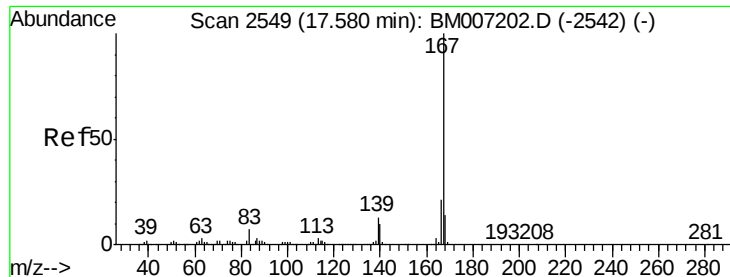


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.65 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

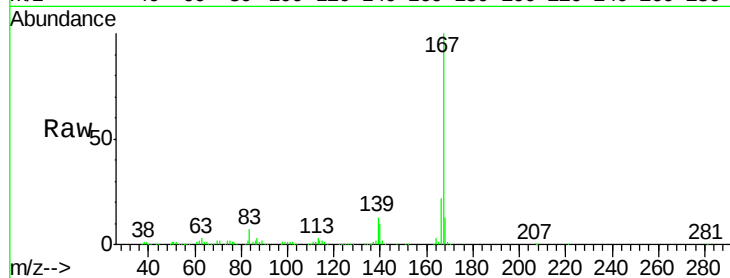
Tgt Ion:167 Resp: 985808

Ion Ratio Lower Upper

167 100

166 21.8 16.6 25.0

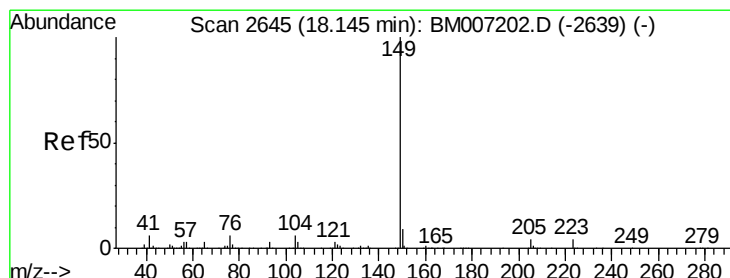
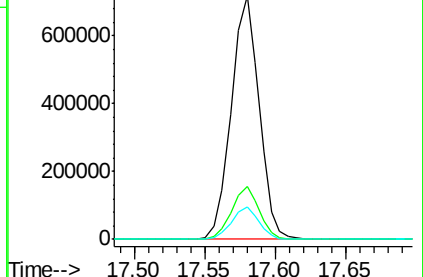
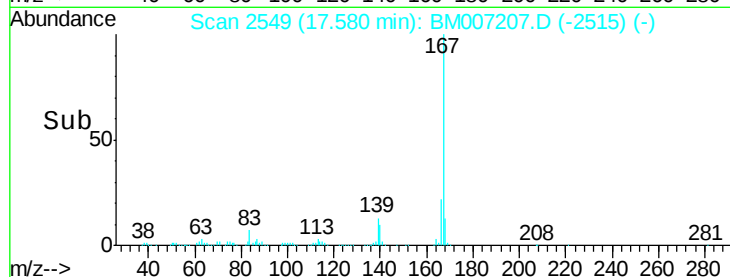
139 13.1 10.2 15.4



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: 19.81 ng/ul

RT: 18.14 min Scan# 2645

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

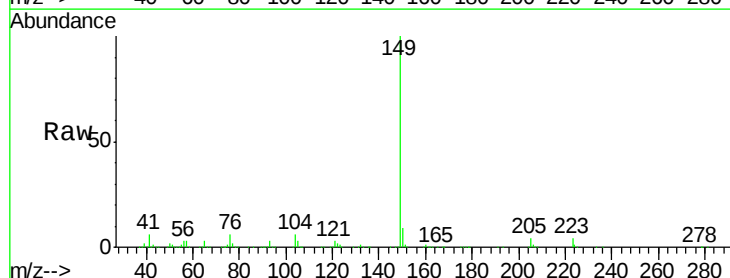
Tgt Ion:149 Resp: 1156242

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

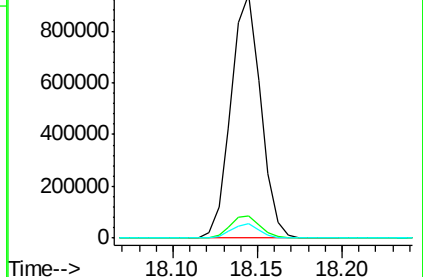
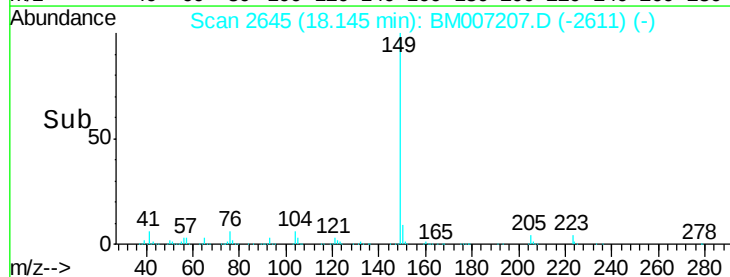
104 5.8 4.6 7.0

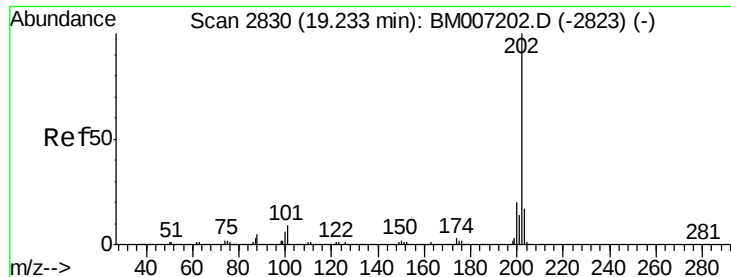


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.31 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

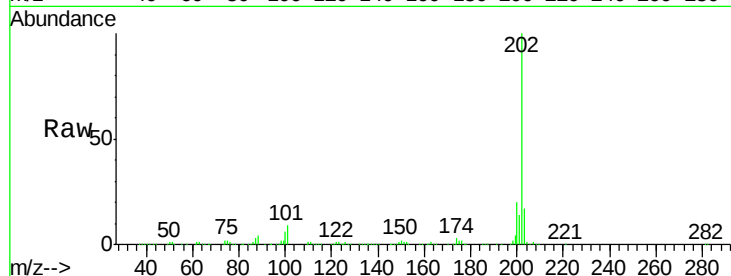
Tgt Ion:202 Resp: 1395411

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

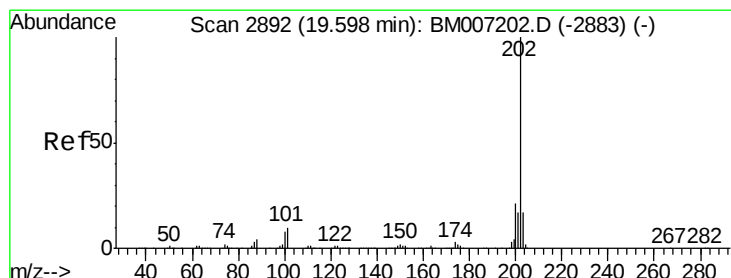
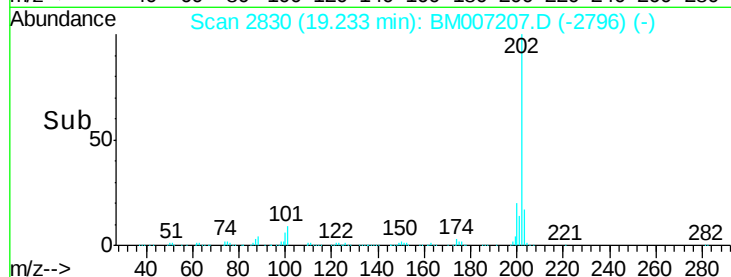
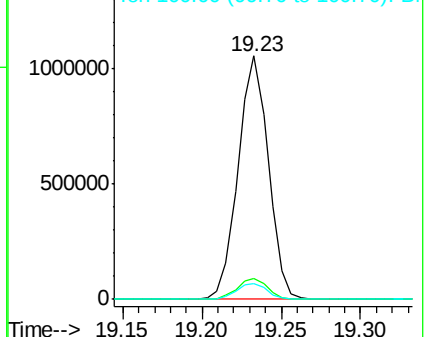
100 6.4 5.4 8.0



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: 20.09 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

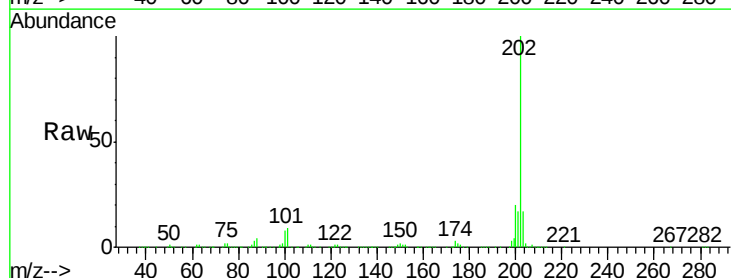
Tgt Ion:202 Resp: 1469556

Ion Ratio Lower Upper

202 100

101 9.5 8.4 12.6

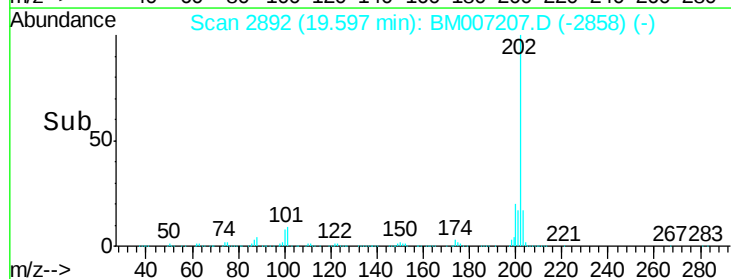
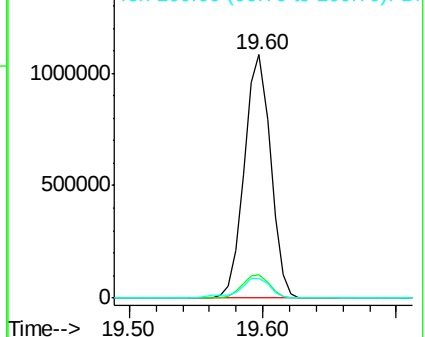
100 8.1 6.9 10.3

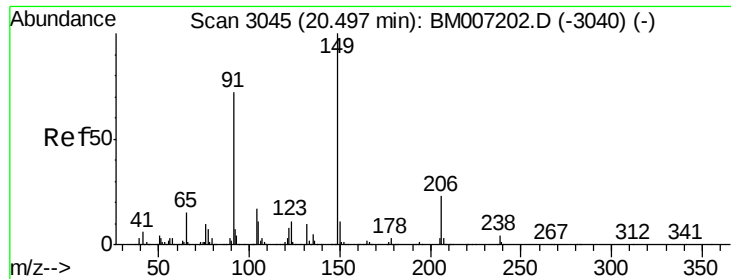


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

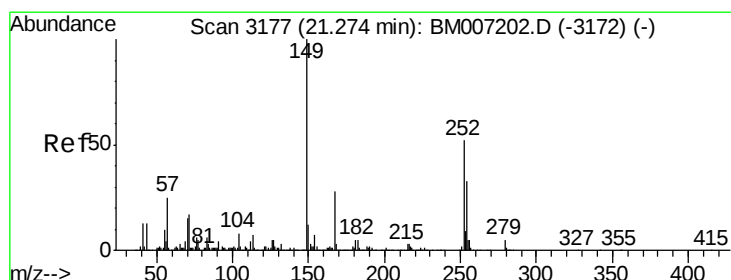
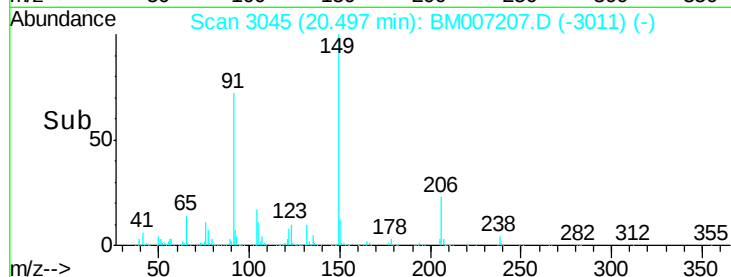
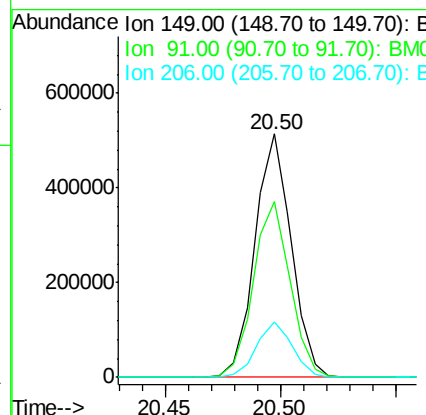
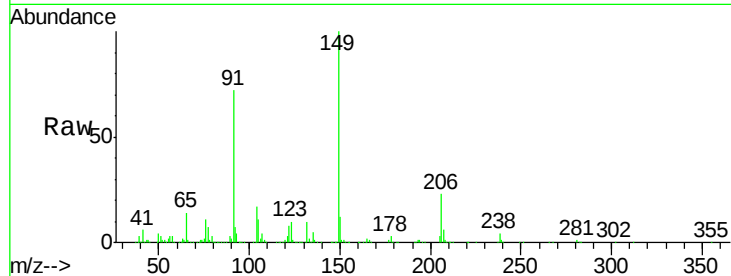




#78
Butylbenzylphthalate
Concen: 19.86 ng/ul
RT: 20.50 min Scan# 3045
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

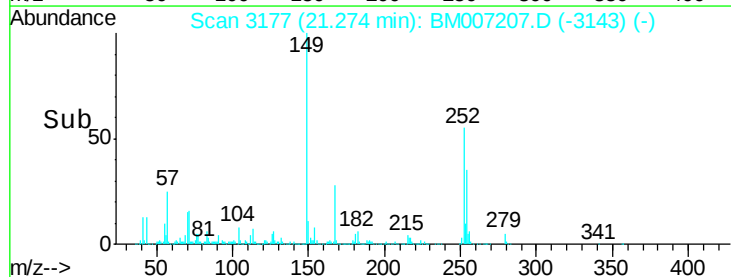
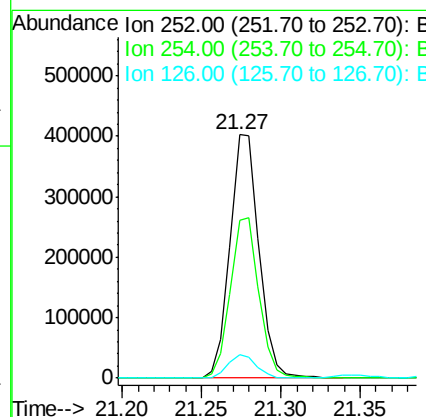
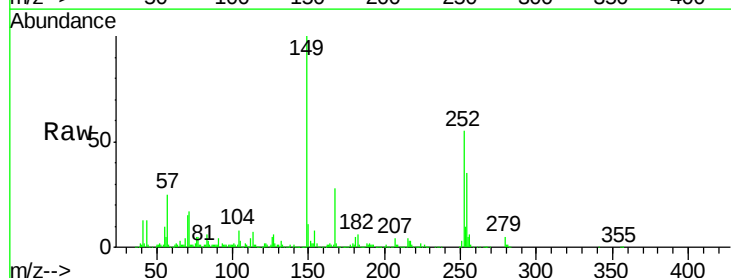
Instrument :
BNA_M
ClientSampleId :
SSTD02052

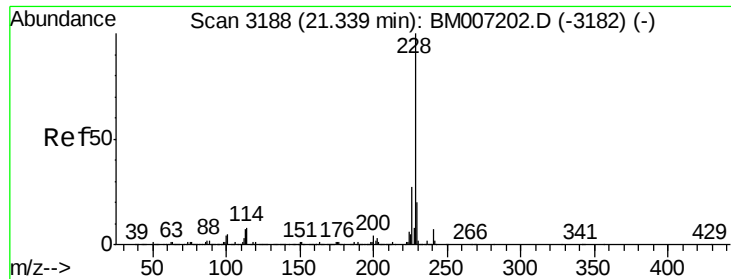
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	57.3	85.9
206	22.5	18.6	27.8



#79
3,3'-Dichlorobenzidine
Concen: 20.01 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BM007207.D
Acq: 18 Aug 2016 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.4
126	9.8	7.1	10.7





#80

Benzo(a)anthracene

Concen: 20.38 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

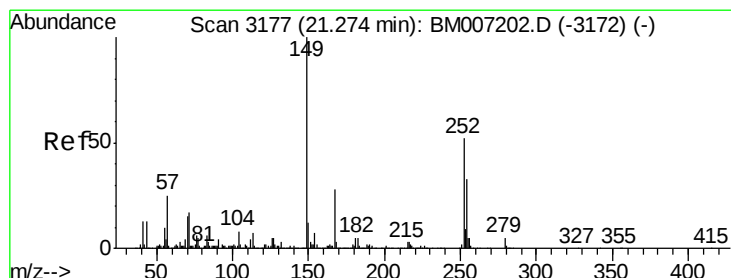
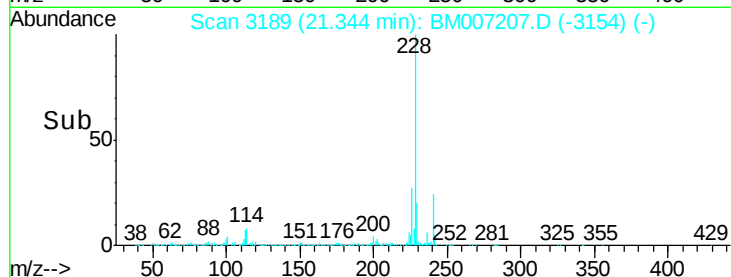
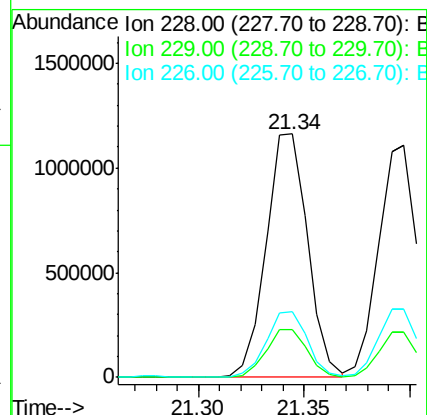
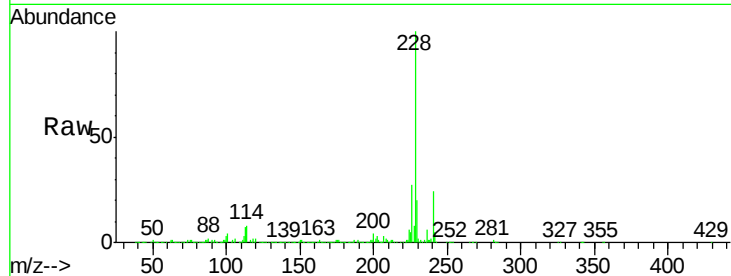
Tgt Ion:228 Resp: 1592945

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 26.9 21.8 32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.78 ng/ul

RT: 21.27 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

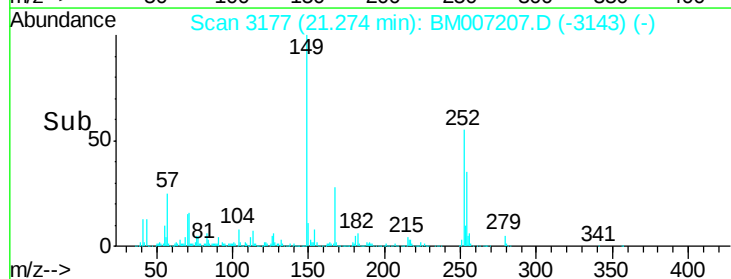
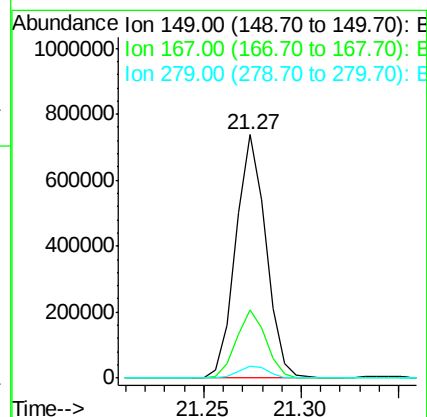
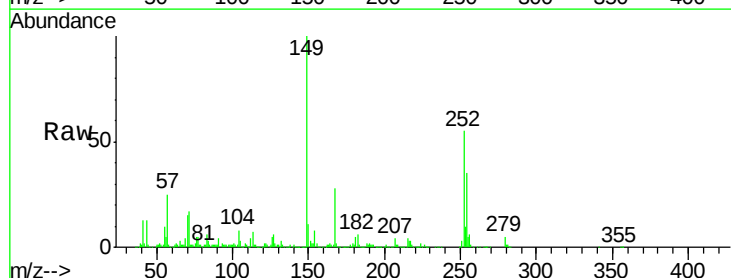
Tgt Ion:149 Resp: 790082

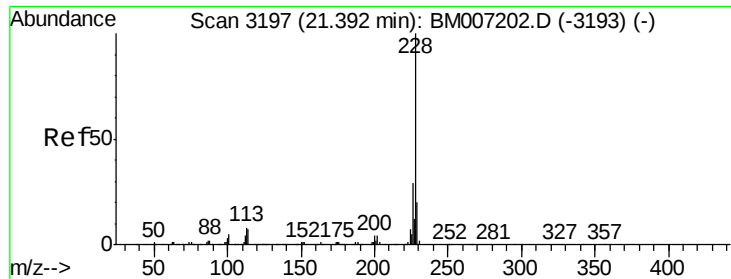
Ion Ratio Lower Upper

149 100

167 28.1 23.2 34.8

279 4.7 4.1 6.1





#82

Chrysene

Concen: 19.90 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

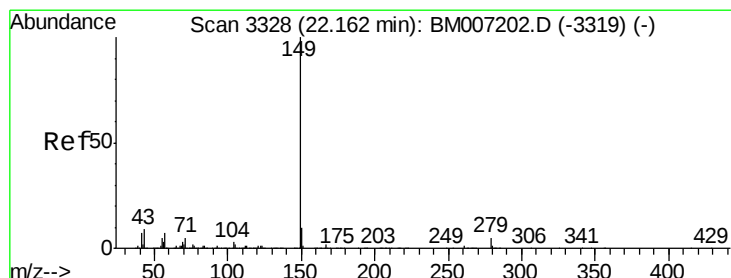
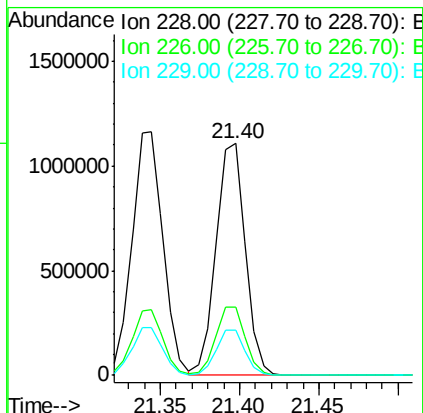
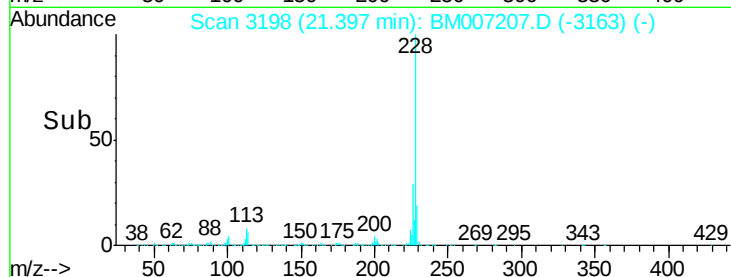
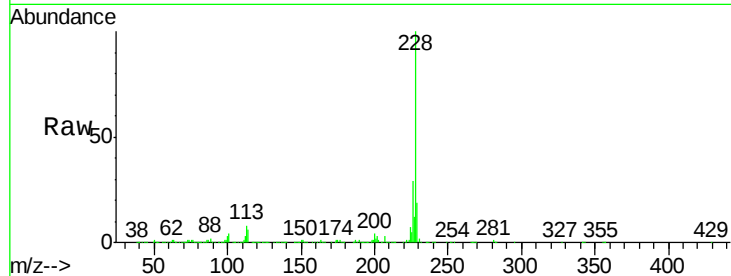
Tgt Ion:228 Resp: 1421344

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.4 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 19.88 ng/ul

RT: 22.16 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

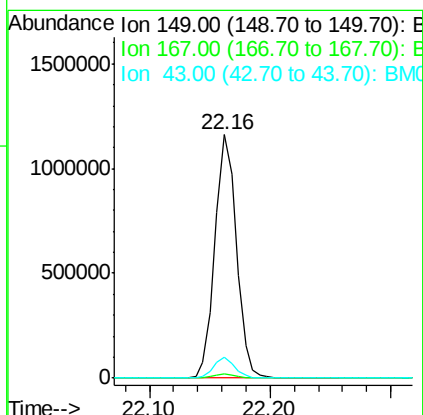
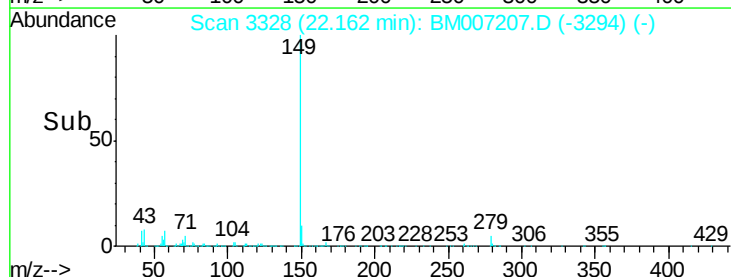
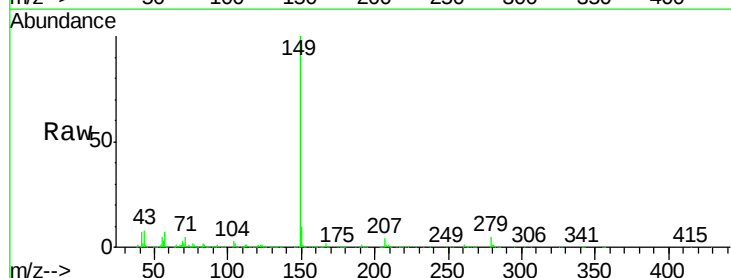
Tgt Ion:149 Resp: 1422548

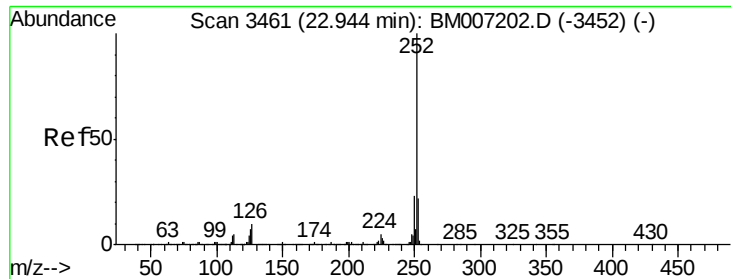
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.6 10.0





#85

Benzo(b)fluoranthene

Concen: 20.03 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

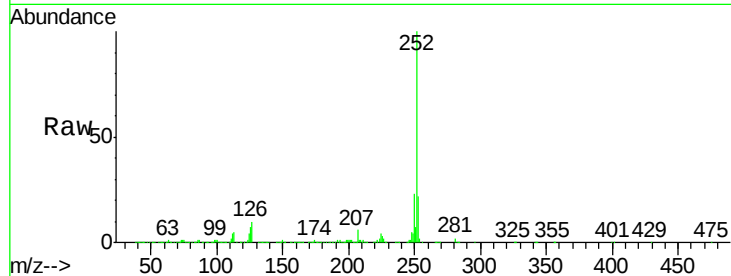
Tgt Ion:252 Resp: 1673453

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

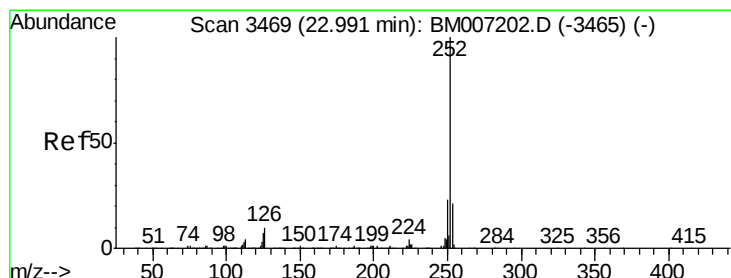
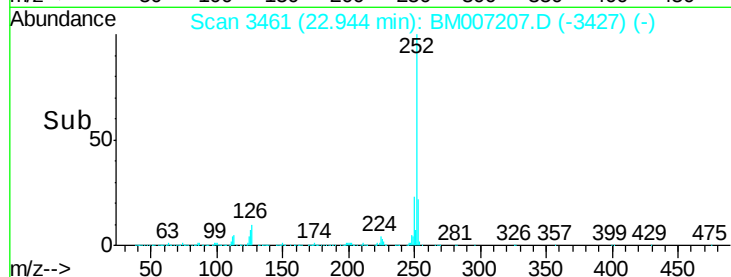
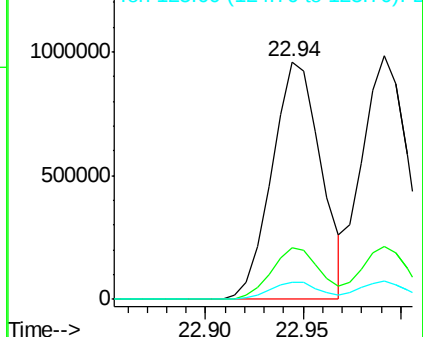
125 7.1 5.8 8.8



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: 20.78 ng/ul

RT: 22.99 min Scan# 3469

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

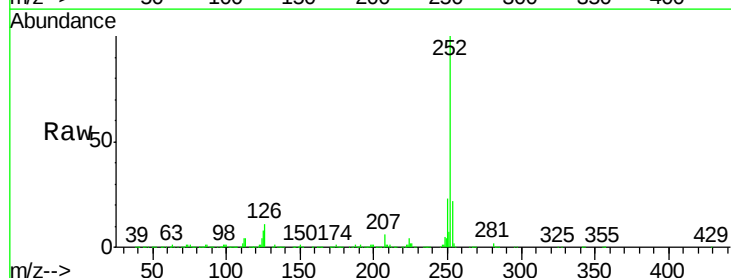
Tgt Ion:252 Resp: 1630785

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

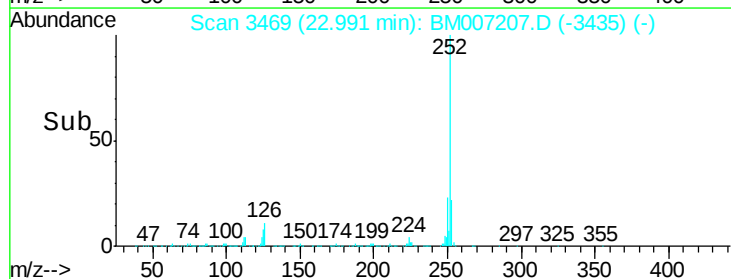
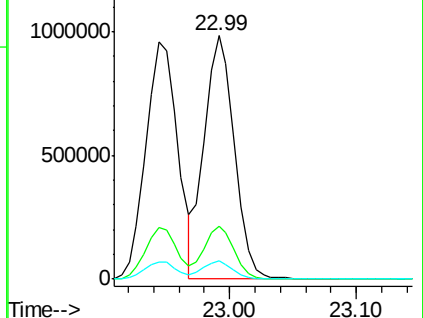
125 7.5 5.7 8.5

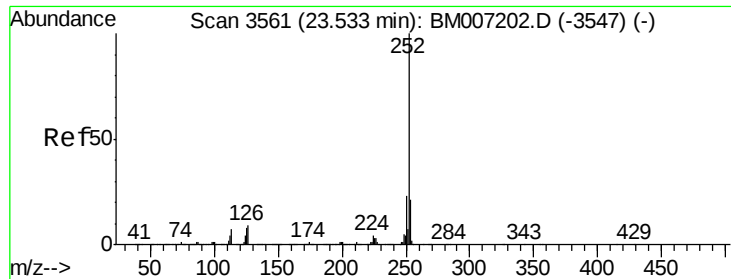


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.39 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.00 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

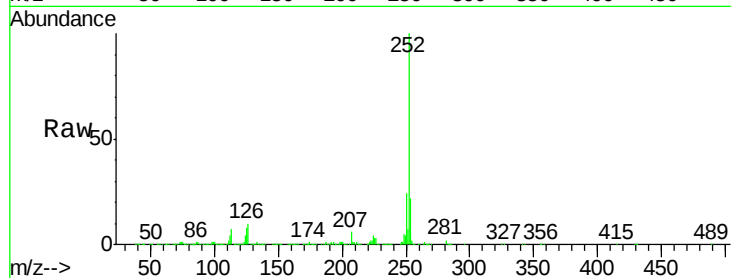
Tgt Ion:252 Resp: 1614629

Ion Ratio Lower Upper

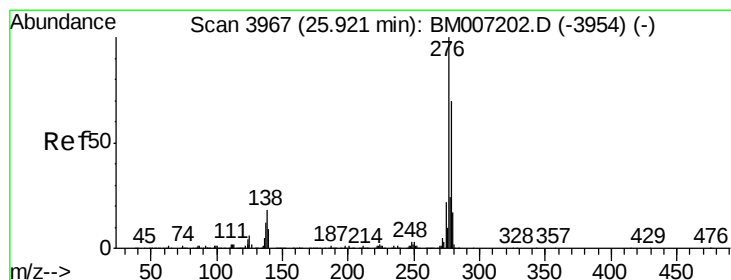
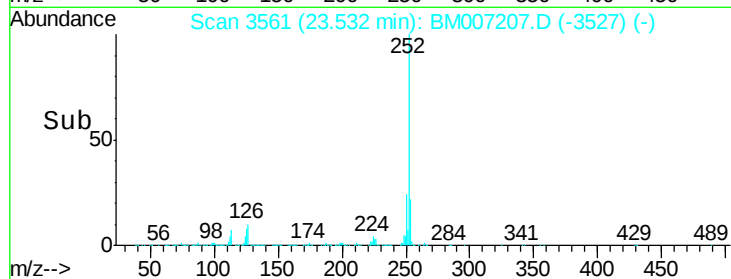
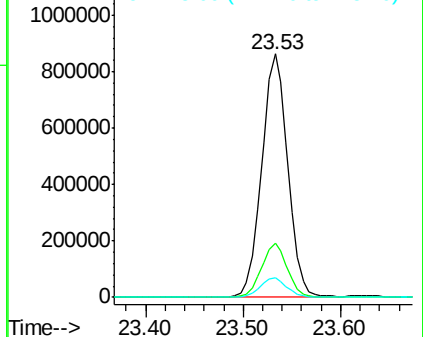
252 100

253 22.1 17.7 26.5

125 7.9 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: 19.99 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

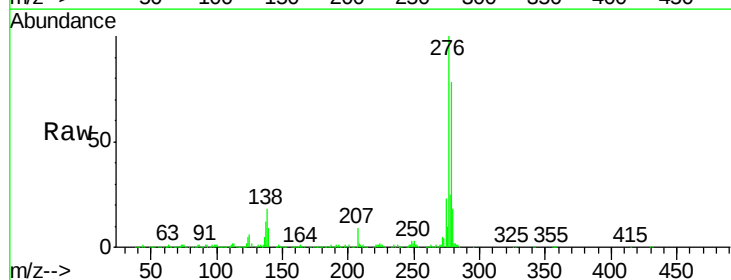
Tgt Ion:276 Resp: 1941035

Ion Ratio Lower Upper

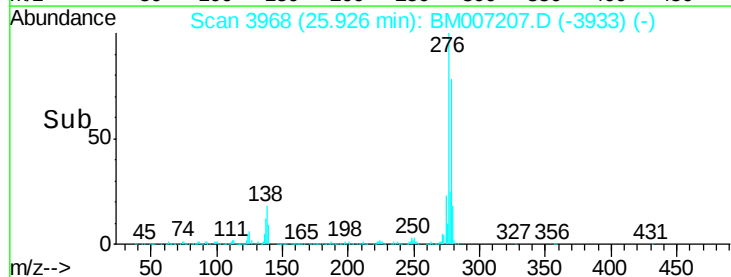
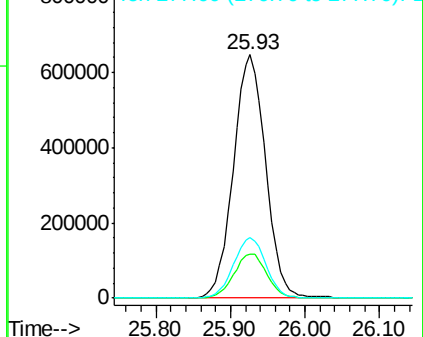
276 100

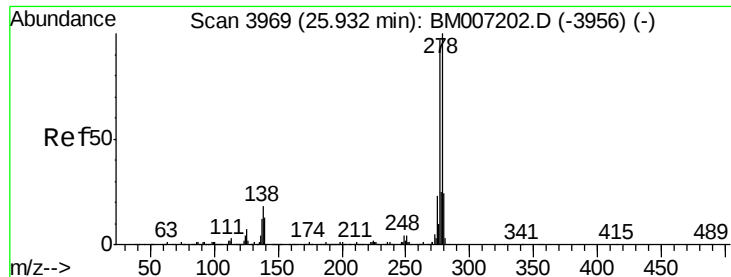
138 18.1 13.9 20.9

277 24.7 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: 19.99 ng/ul

RT: 25.94 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

Instrument :

BNA_M

ClientSampleId :

SSTD02052

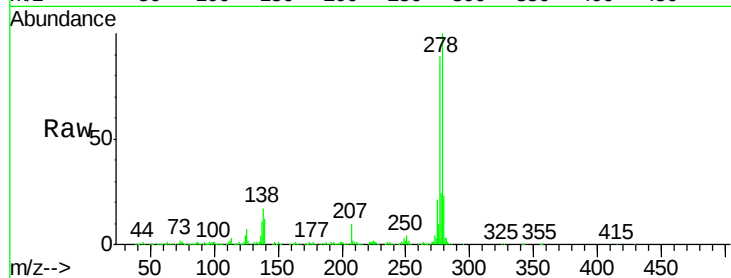
Tgt Ion:278 Resp: 1628819

Ion Ratio Lower Upper

278 100

139 11.9 9.5 14.3

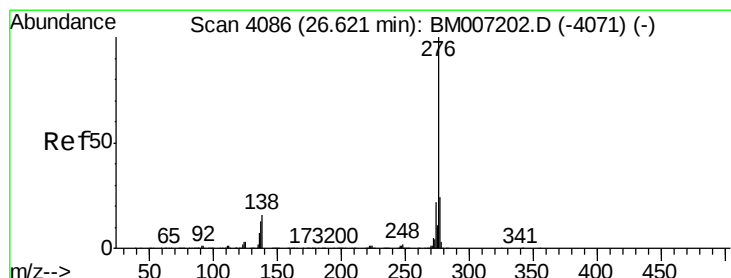
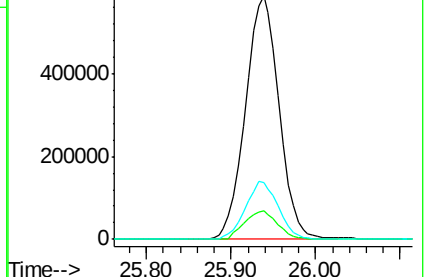
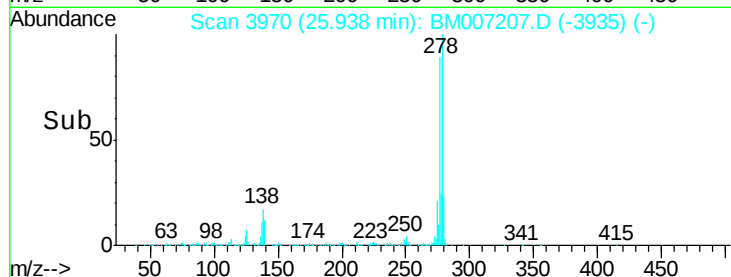
279 23.5 19.1 28.7



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: 19.30 ng/ul

RT: 26.63 min Scan# 4087

Delta R.T. 0.01 min

Lab File: BM007207.D

Acq: 18 Aug 2016 17:03

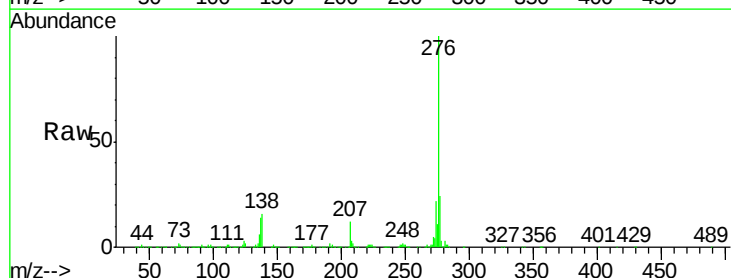
Tgt Ion:276 Resp: 1583534

Ion Ratio Lower Upper

276 100

138 15.9 13.5 20.3

277 23.8 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

