

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020218\
 Data File : BM014147.D
 Acq On : 03 Feb 2018 11:16
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

Quant Time: Feb 05 06:01:37 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	103023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	435139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	273528	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	647505	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	711151	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	648814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	15195	6.77	ng/uL	0.00
5) Phenol-d5	6.74	99	143765	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	83891	17.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	126230	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	120725	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	62843	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	68434	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	133915	18.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	127598	20.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	445076	19.61	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	548021	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	50931	16.28	ng/ul	0.00
57) Fluorene-d10	15.20	176	389490	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	61419	15.45	ng/ul	0.00
70) Anthracene-d10	17.06	188	617189	19.63	ng/ul	0.00
76) Pyrene-d10	19.37	212	696153	20.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	632050	19.85	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	15121	6.13 ng/uL#	72
4) Benzaldehyde	6.72	77	62793	16.91 ng/ul	95
6) Phenol	6.77	94	143297	18.50 ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	113969	18.92 ng/ul	95
10) 2-Chlorophenol	7.12	128	124790	20.17 ng/ul	95
11) 2-Methylphenol	8.00	108	111769	18.74 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	116070	19.19 ng/ul#	74
14) Acetophenone	8.37	105	205452	18.77 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.36	70	106760	19.07 ng/ul#	71
16) 4-Methylphenol	8.33	108	118840	18.64 ng/ul	88
17) Hexachloroethane	8.60	117	64509	19.99 ng/ul	81
20) Nitrobenzene	8.75	77	170516	19.32 ng/ul	98
21) Isophorone	9.27	82	284040	19.11 ng/ul	96
23) 2-Nitrophenol	9.45	139	69699	19.50 ng/ul#	87
24) 2,4-Dimethylphenol	9.52	107	155725	19.32 ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.75	93	164438	20.09 ng/ul	95
27) 2,4-Dichlorophenol	9.99	162	133635	19.67 ng/ul#	88
28) Naphthalene	10.37	128	418048	19.08 ng/ul	100
30) 4-Chloroaniline	10.50	127	125493	19.75 ng/ul	91
31) Hexachlorobutadiene	10.65	225	111412	18.18 ng/ul	93
32) Caprolactam	11.29	113	17810	9.55 ng/ul#	25
33) 4-Chloro-3-methylphenol	11.64	107	133927	18.81 ng/ul	98
34) 2-Methylnaphthalene	12.00	142	310697	18.79 ng/ul	96

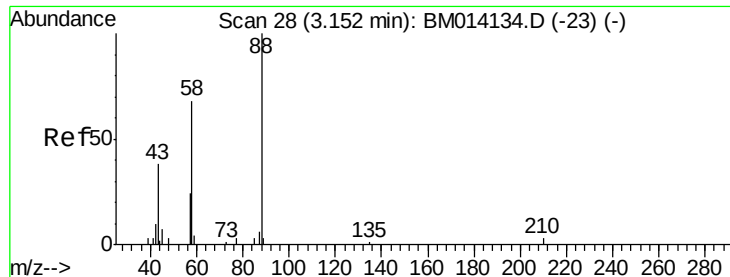
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020218\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	204605	20.49	ng/ul	96
37) Hexachlorocyclopentadiene	12.34	237	81600	15.00	ng/ul	96
38) 2,4,6-Trichlorophenol	12.63	196	125189	21.55	ng/ul	99
39) 2,4,5-Trichlorophenol	12.71	196	124334	20.81	ng/ul	97
40) 1,1'-Biphenyl	13.03	154	428699	20.18	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	358743	20.90	ng/ul	98
42) 2-Nitroaniline	13.30	65	98513	20.20	ng/ul	98
44) Dimethylphthalate	13.67	163	436883	19.96	ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	87229	20.52	ng/ul	92
47) Acenaphthylene	13.93	152	518720	20.29	ng/ul	97
48) 3-Nitroaniline	14.15	138	61164	19.15	ng/ul#	86
49) Acenaphthene	14.27	153	355860	19.85	ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	26607	11.67	ng/ul#	77
52) 4-Nitrophenol	14.46	109	61841	16.40	ng/ul#	63
53) Dibenzofuran	14.61	168	538594	19.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	129982	20.21	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.84	232	116641	19.36	ng/ul	94
56) Diethylphthalate	15.05	149	444205	19.35	ng/ul	94
58) Fluorene	15.26	166	432711	19.01	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	253375	19.44	ng/ul	96
60) 4-Nitroaniline	15.32	138	55294	15.40	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.37	198	63982	15.88	ng/ul	94
64) N-Nitrosodiphenylamine	15.48	169	374548	20.05	ng/ul	95
65) 4-Bromophenyl-phenylether	16.16	248	156438	19.33	ng/ul	94
66) Hexachlorobenzene	16.27	284	166110	19.29	ng/ul#	93
67) Atrazine	16.44	200	144911	19.31	ng/ul	92
68) Pentachlorophenol	16.62	266	76980	18.16	ng/ul	96
69) Phenanthrene	17.00	178	714304	19.62	ng/ul	97
71) Anthracene	17.10	178	731085	19.82	ng/ul	99
72) Carbazole	17.38	167	559918	18.61	ng/ul	99
73) Di-n-butylphthalate	17.94	149	741759	19.66	ng/ul	98
74) Fluoranthene	19.03	202	840502	18.56	ng/ul#	95
77) Pyrene	19.40	202	857175	20.20	ng/ul	97
78) Butylbenzylphthalate	20.31	149	332619	19.88	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.10	252	214926	19.39	ng/ul	95
80) Benzo(a)anthracene	21.15	228	858483	19.38	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	483217	19.81	ng/ul	98
82) Chrysene	21.20	228	816282	19.60	ng/ul	98
84) Di-n-octyl phthalate	21.95	149	789996	19.13	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	839582	20.51	ng/ul	99
86) Benzo(k)fluoranthene	22.70	252	839582	20.86	ng/ul	97
88) Benzo(a)pyrene	23.25	252	758819	19.67	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	847693	20.05	ng/ul	98
90) Dibenzo(a,h)anthracene	25.52	278	720336	20.09	ng/ul	98
91) Benzo(g,h,i)perylene	26.18	276	701610	20.07	ng/ul#	97

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



#2

1,4-Dioxane

Concen: 6.13 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. -0.00 min

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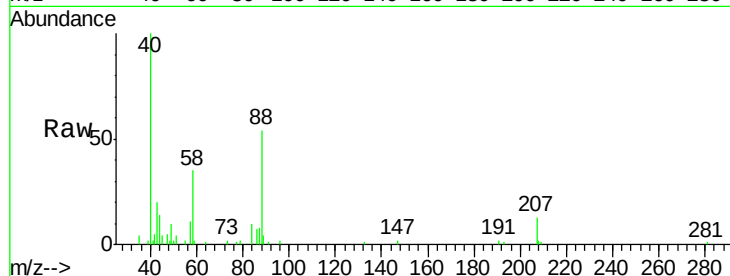
Tgt Ion: 88 Resp: 15121

Ion Ratio Lower Upper

88 100

43 43.1 48.0 72.0#

58 68.6 80.0 120.0#

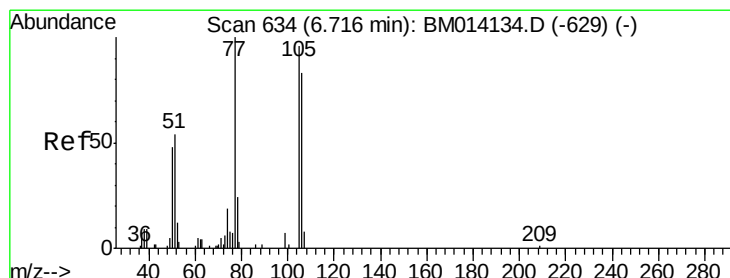
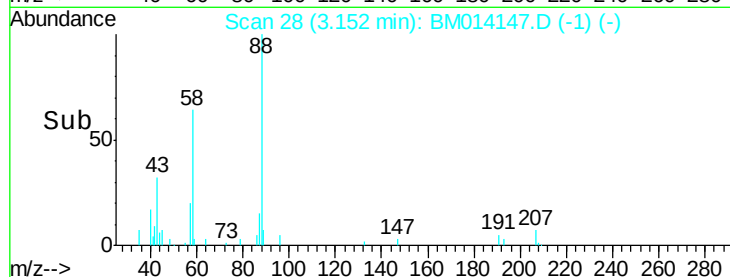


Abundance Ion 88.00 (87.70 to 88.70): BM014147.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM014147.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM014147.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 16.91 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

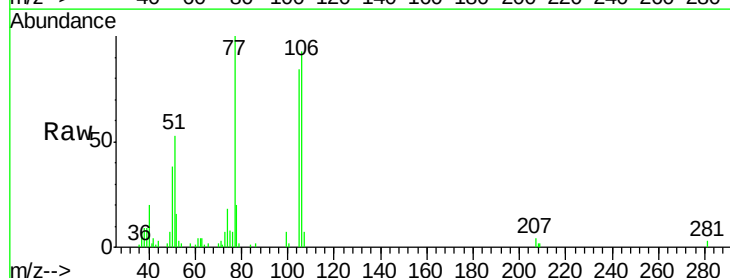
Tgt Ion: 77 Resp: 62793

Ion Ratio Lower Upper

77 100

105 83.6 66.1 99.1

106 92.7 67.8 101.6

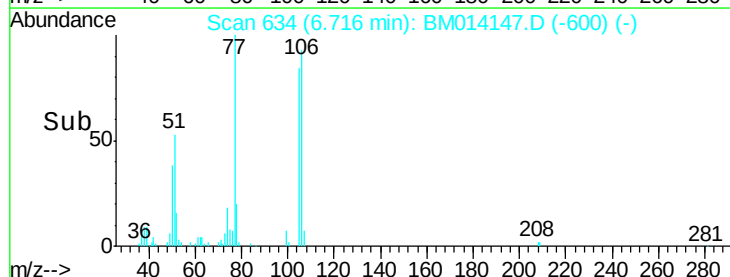


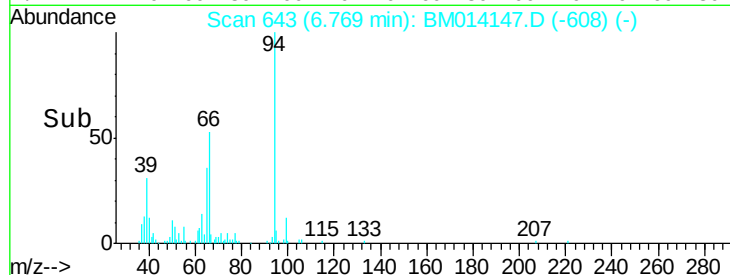
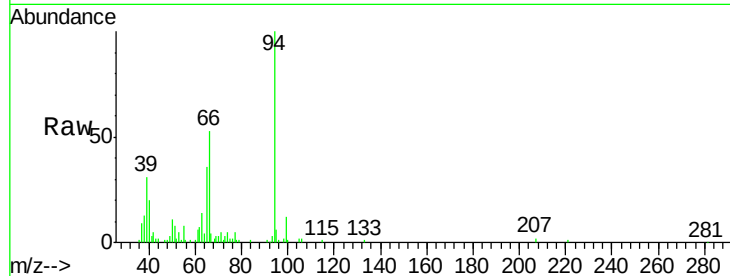
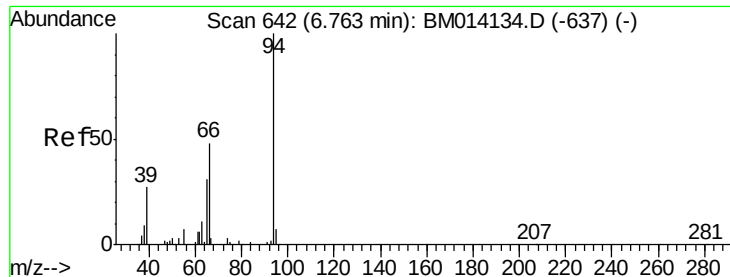
Abundance Ion 77.00 (76.70 to 77.70): BM014147.D (-600) (-)

Ion 105.00 (104.70 to 105.70): BM014147.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM014147.D (-600) (-)

Time-->





#6

Phenol

Concen: 18.50 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

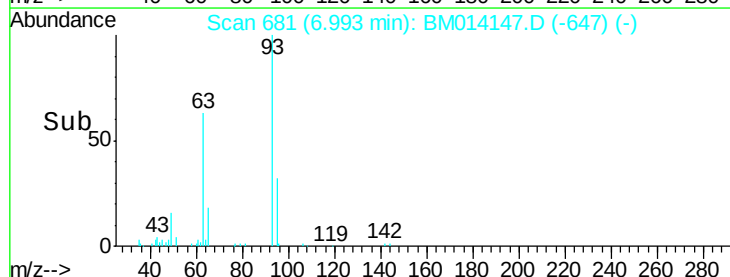
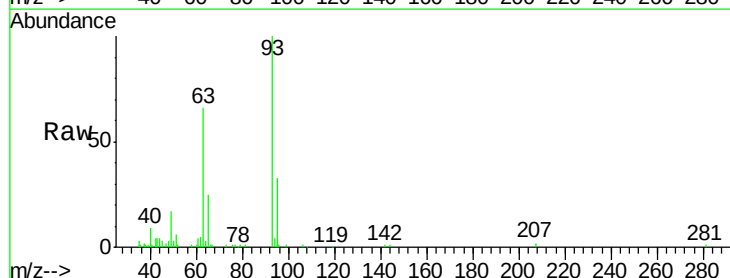
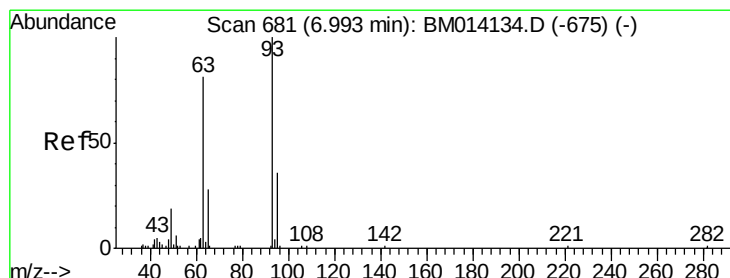
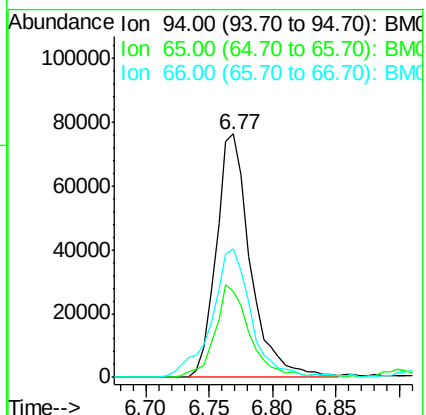
Tgt Ion: 94 Resp: 143297

Ion Ratio Lower Upper

94 100

65 35.6 28.2 42.4

66 53.0 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 18.92 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

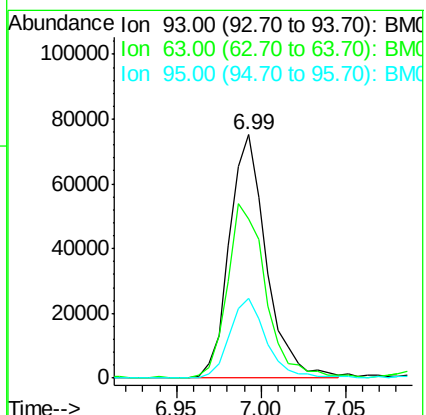
Tgt Ion: 93 Resp: 113969

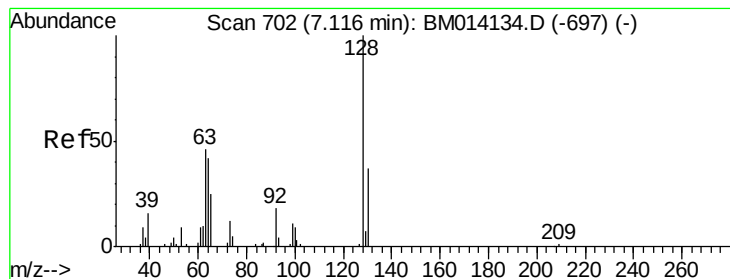
Ion Ratio Lower Upper

93 100

63 65.5 57.3 85.9

95 32.8 26.6 39.8





#10

2-Chlorophenol

Concen: 20.17 ng/ul

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

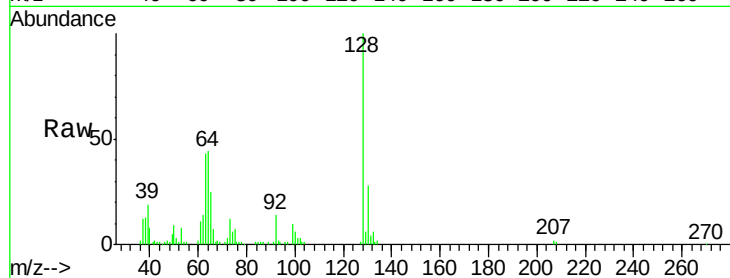
Tgt Ion:128 Resp: 124790

Ion Ratio Lower Upper

128 100

64 43.9 38.0 57.0

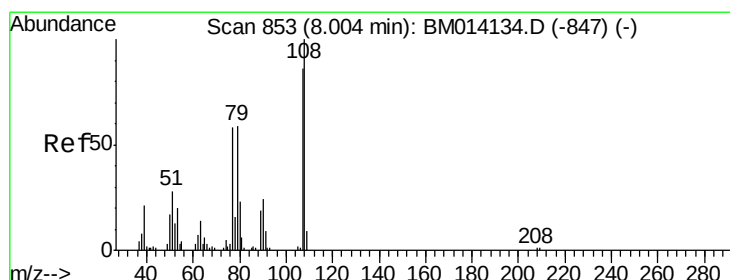
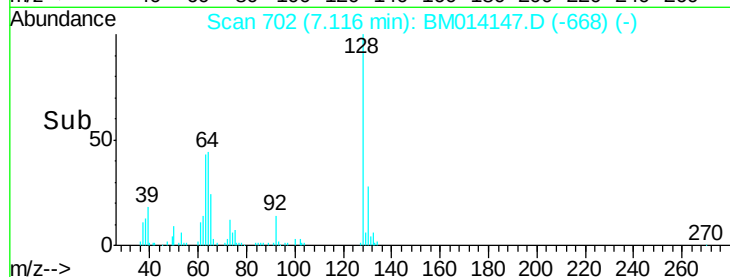
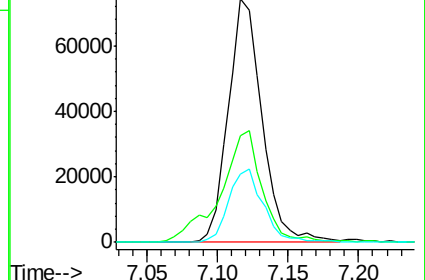
130 27.8 24.4 36.6



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: 18.74 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM014147.D

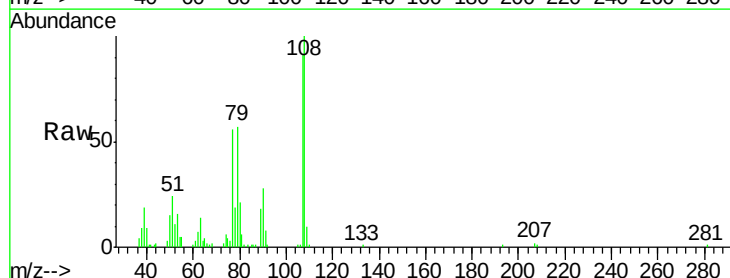
Acq: 03 Feb 2018 11:16

Tgt Ion:108 Resp: 111769

Ion Ratio Lower Upper

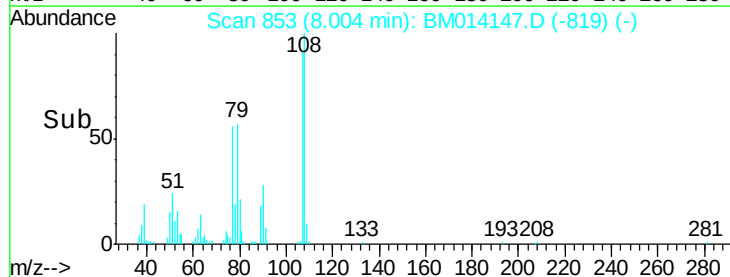
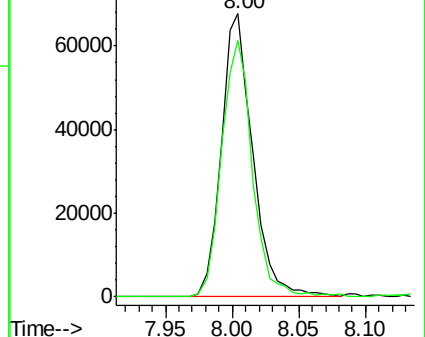
108 100

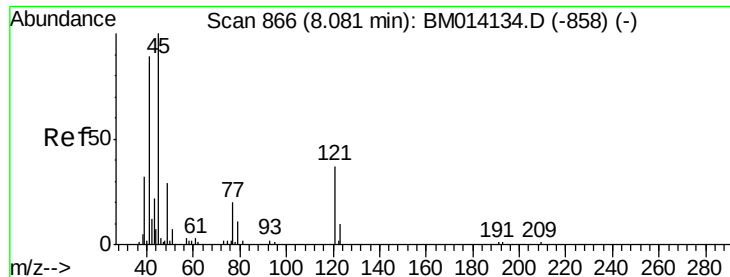
107 90.8 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

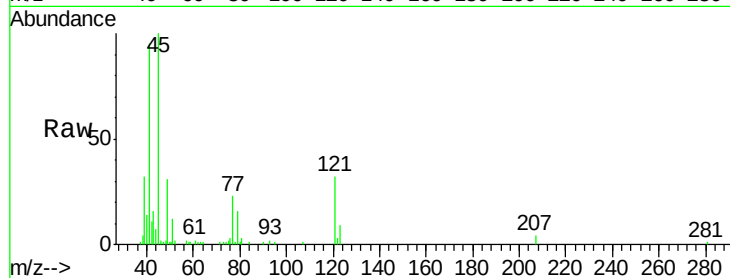




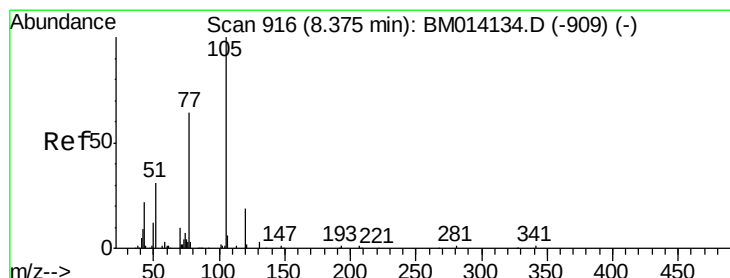
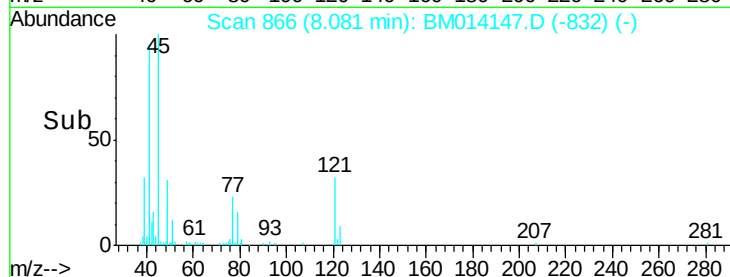
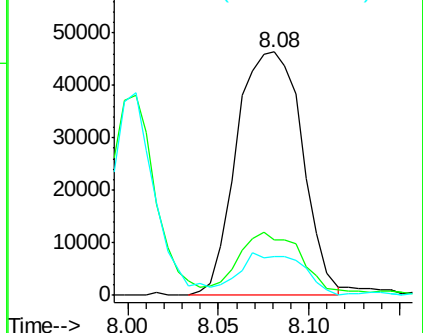
#12
2,2'-oxybis(1-chloropropane)
Concen: 19.19 ng/ul
RT: 8.08 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Instrument :
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SSTD02029

Tgt Ion: 45 Resp: 116070
Ion Ratio Lower Upper
45 100
77 23.0 8.0 12.0#
79 16.1 8.0 12.0#

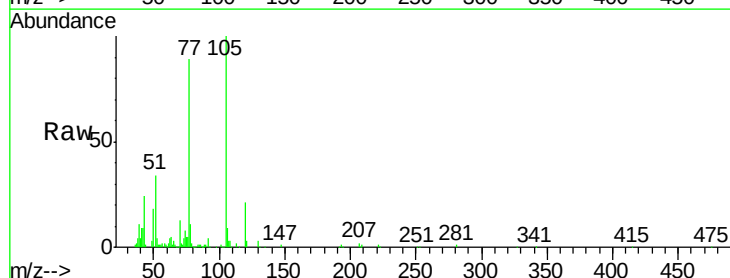


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

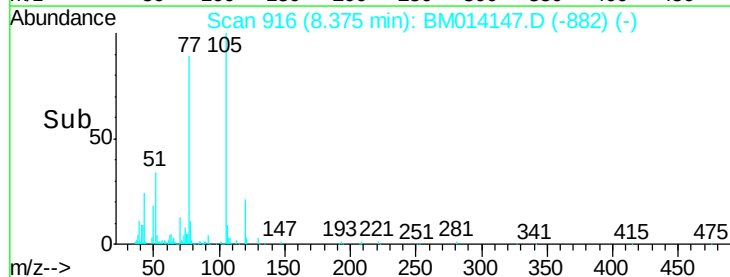
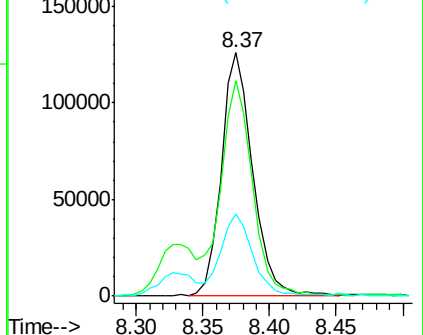


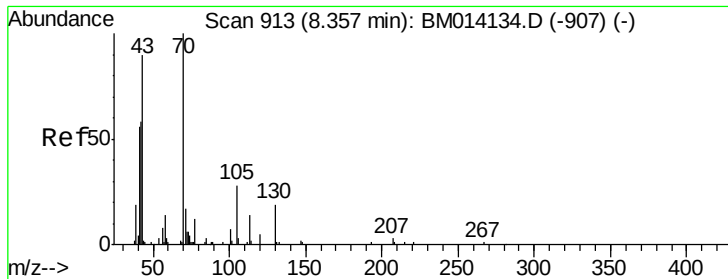
#14
Acetophenone
Concen: 18.77 ng/ul
RT: 8.37 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion: 105 Resp: 205452
Ion Ratio Lower Upper
105 100
77 88.5 74.2 111.4
51 33.6 23.4 35.2



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

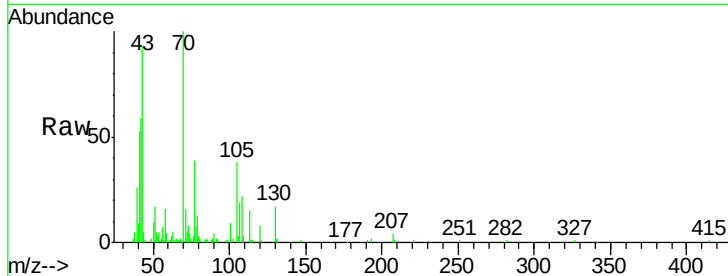




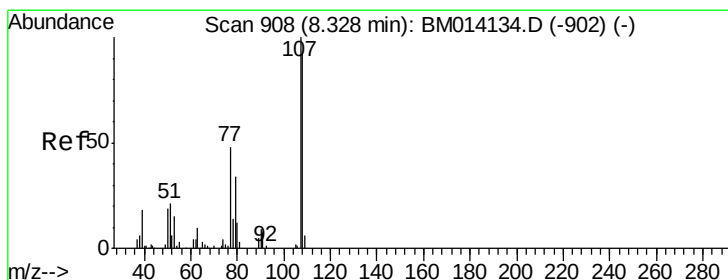
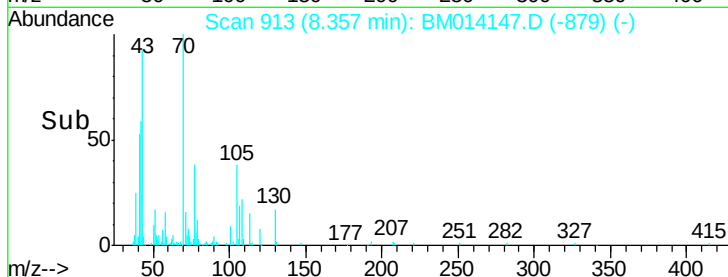
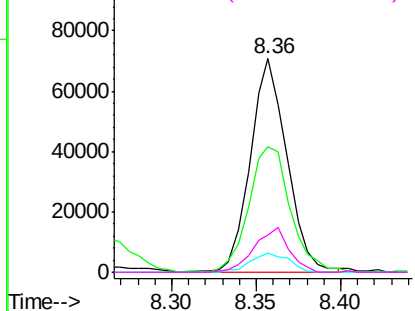
#15
N-Nitroso-di-n-propylamine
Concen: 19.07 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion: 70 Resp: 106760
Ion Ratio Lower Upper
70 100
42 58.9 76.0 114.0#
101 8.8 6.7 10.1
130 17.3 14.6 22.0

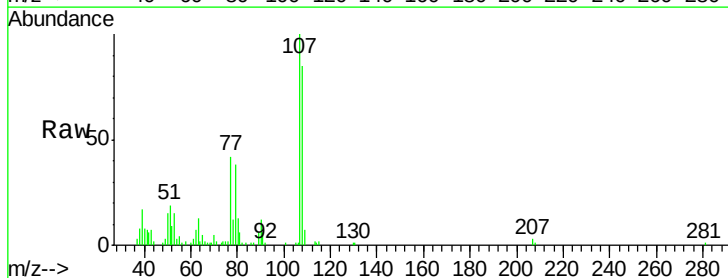


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

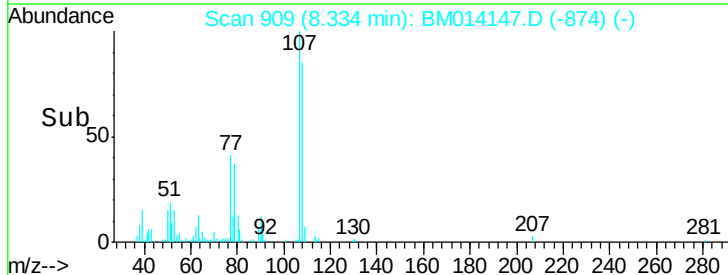
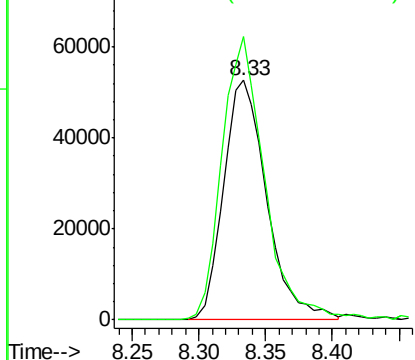


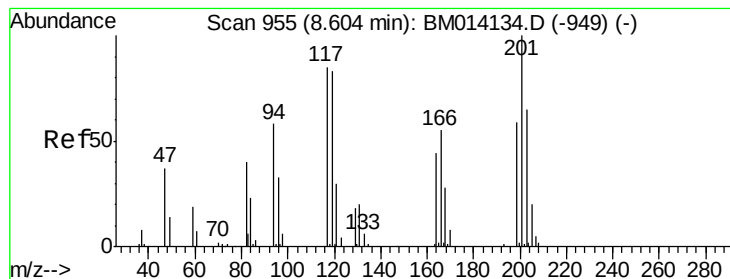
#16
4-Methylphenol
Concen: 18.64 ng/ul
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion: 108 Resp: 118840
Ion Ratio Lower Upper
108 100
107 118.2 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.99 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

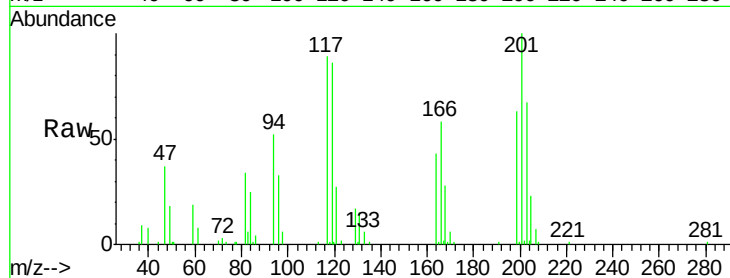
Tgt Ion:117 Resp: 64509

Ion Ratio Lower Upper

117 100

201 112.4 111.6 167.4

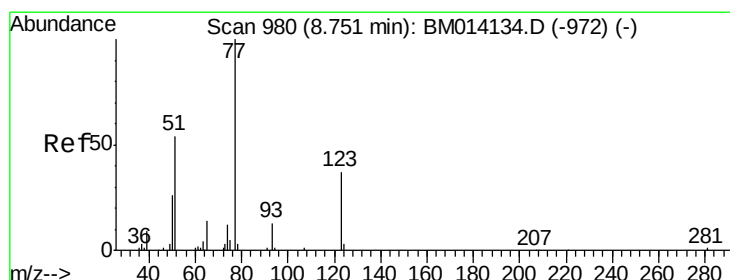
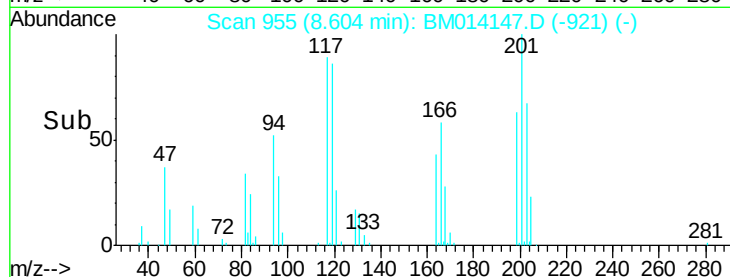
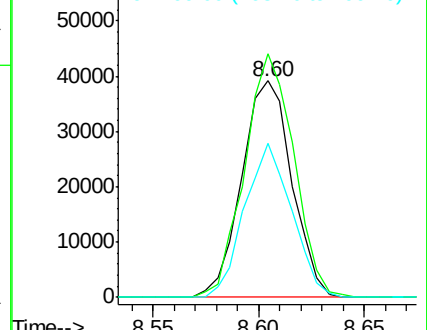
199 71.3 67.8 101.6



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: 19.32 ng/ul

RT: 8.75 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

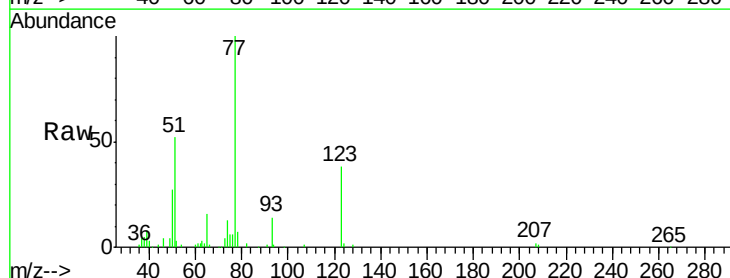
Tgt Ion: 77 Resp: 170516

Ion Ratio Lower Upper

77 100

123 37.7 31.0 46.6

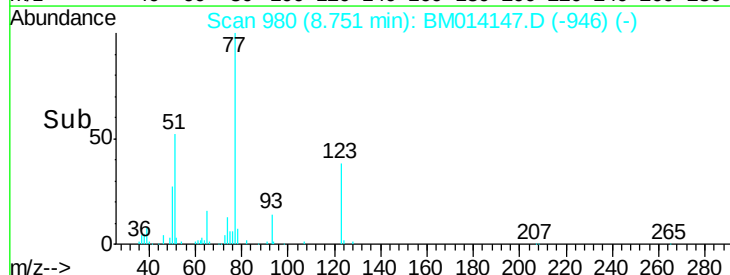
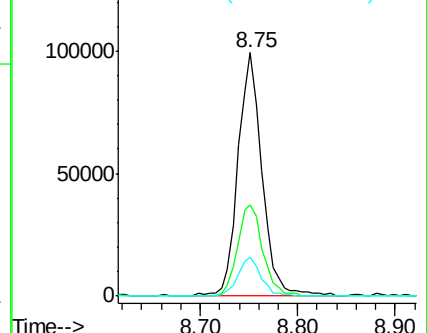
65 15.7 12.2 18.2

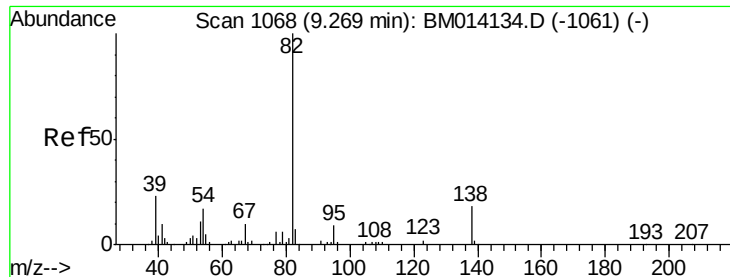


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.11 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

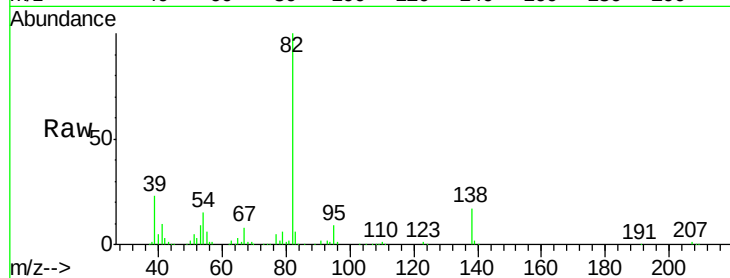
Tgt Ion: 82 Resp: 284040

Ion Ratio Lower Upper

82 100

95 9.1 7.8 11.8

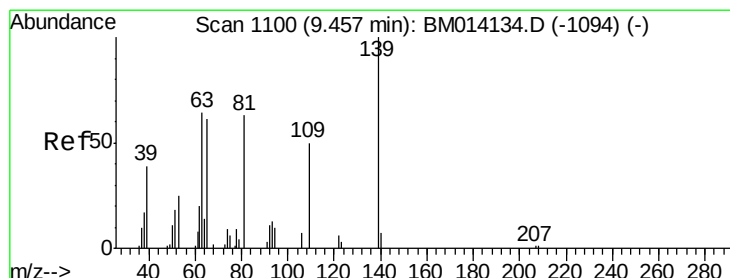
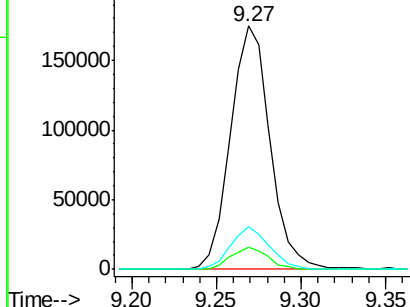
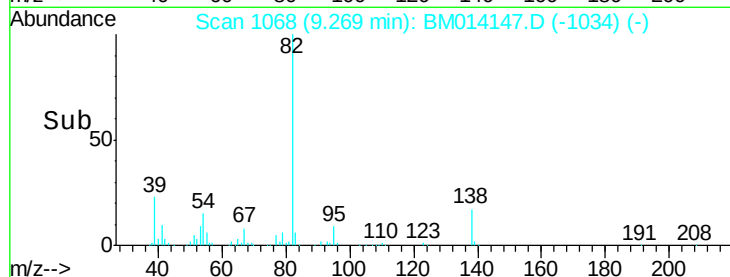
138 17.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014147.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BM014147.D (-1061) (-)

Ion 138.00 (137.70 to 138.70): BM014147.D (-1061) (-)



#23

2-Nitrophenol

Concen: 19.50 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

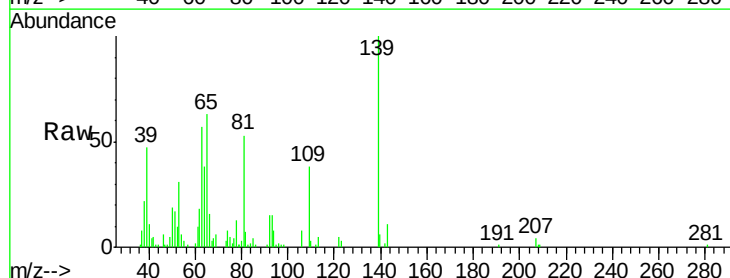
Tgt Ion: 139 Resp: 69699

Ion Ratio Lower Upper

139 100

65 63.4 55.4 83.0

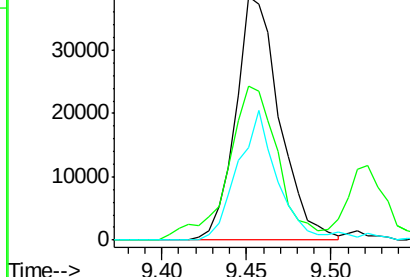
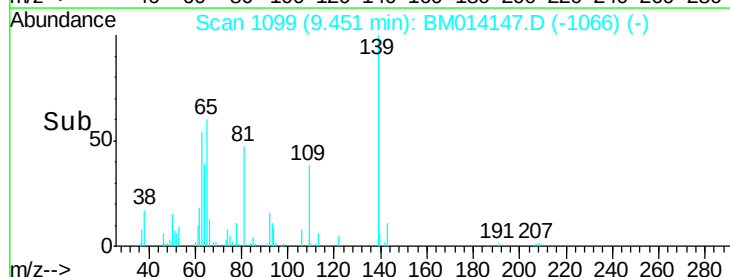
109 38.1 42.2 63.2#

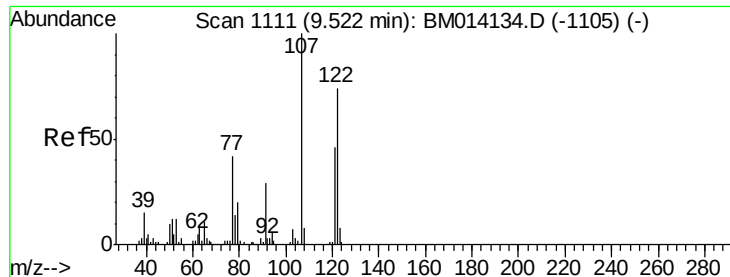


Abundance Ion 139.00 (138.70 to 139.70): BM014147.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BM014147.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM014147.D (-1094) (-)

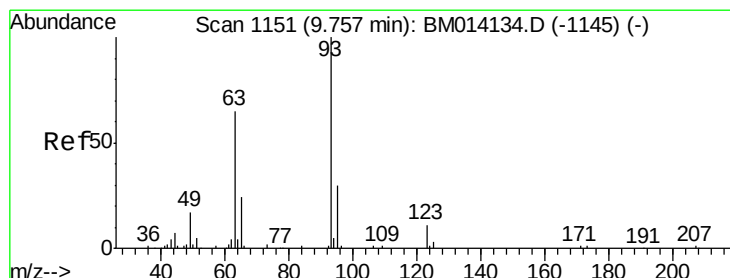
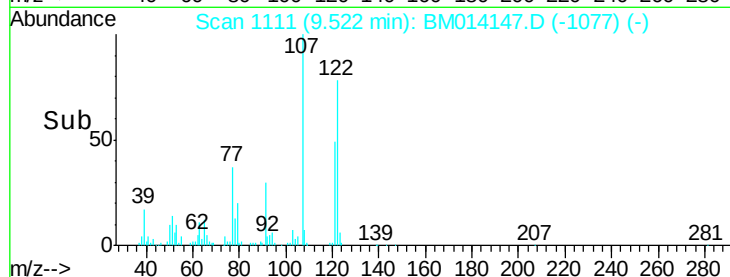
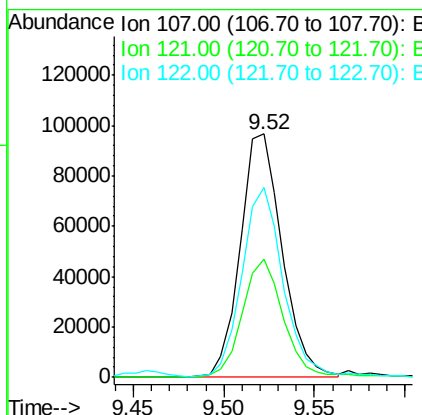
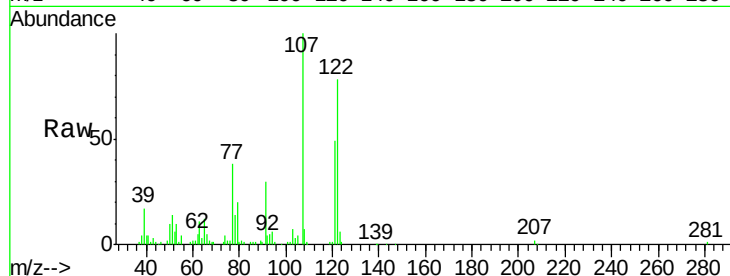




#24
 2,4-Dimethylphenol
 Concen: 19.32 ng/ul
 RT: 9.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

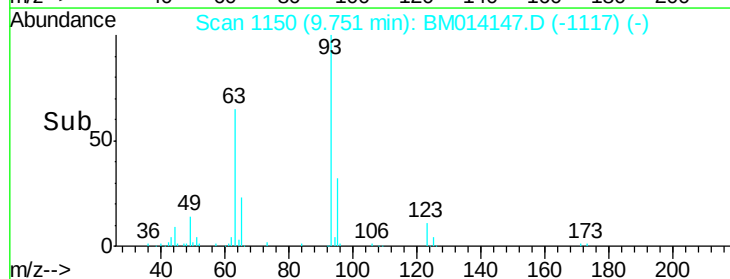
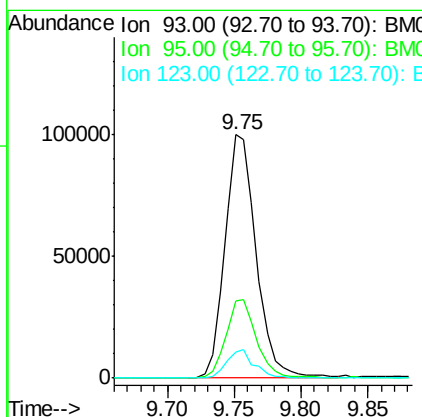
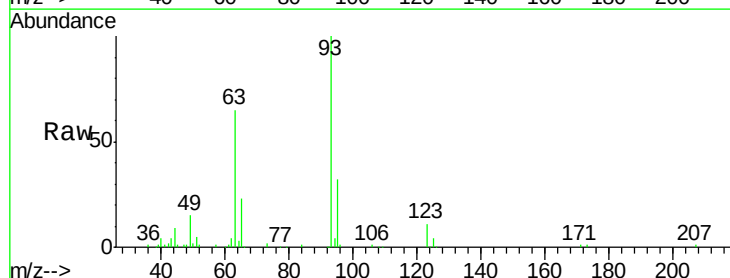
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

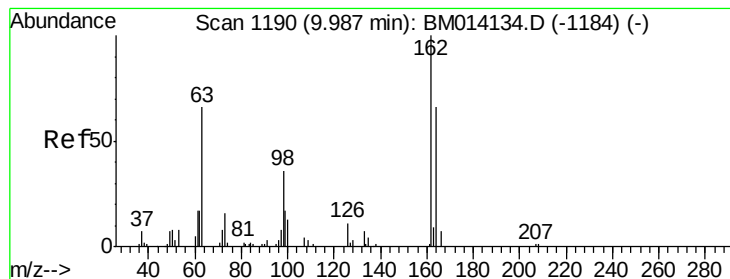
Tgt Ion: 107 Resp: 155725
 Ion Ratio Lower Upper
 107 100
 121 48.8 31.9 47.9#
 122 78.0 57.8 86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.09 ng/ul
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion: 93 Resp: 164438
 Ion Ratio Lower Upper
 93 100
 95 31.6 28.5 42.7
 123 10.8 8.9 13.3





#27

2,4-Dichlorophenol

Concen: 19.67 ng/ul

RT: 9.99 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

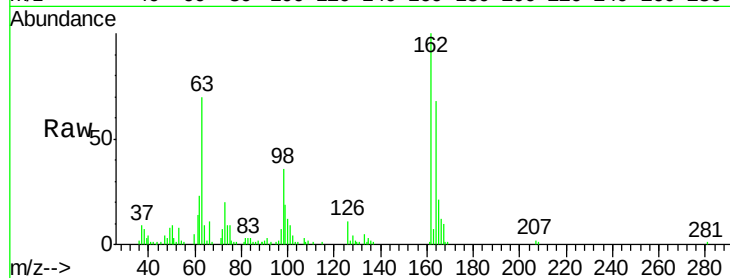
Tgt Ion:162 Resp: 133635

Ion Ratio Lower Upper

162 100

164 68.2 47.8 71.6

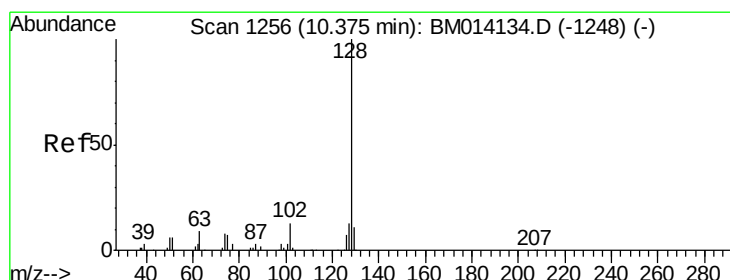
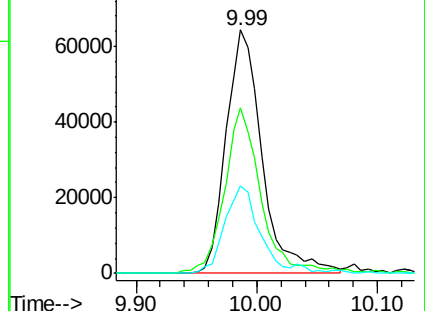
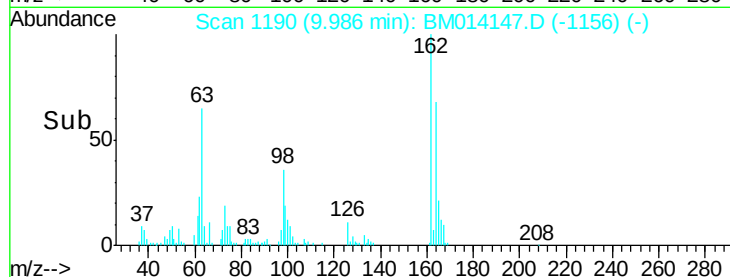
98 36.1 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.08 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

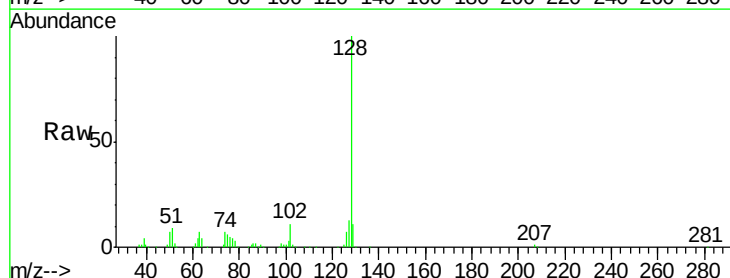
Tgt Ion:128 Resp: 418048

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

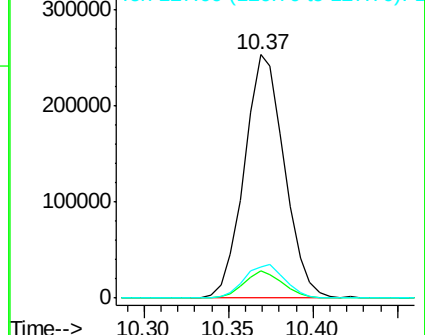
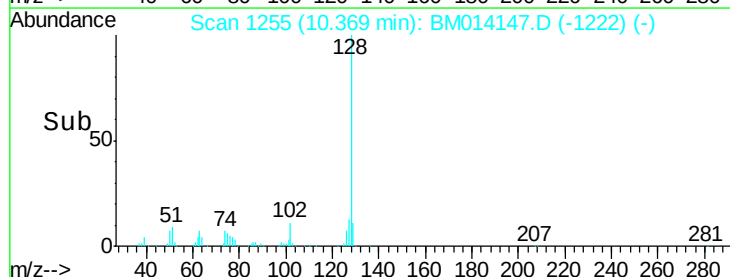
127 13.0 10.6 16.0

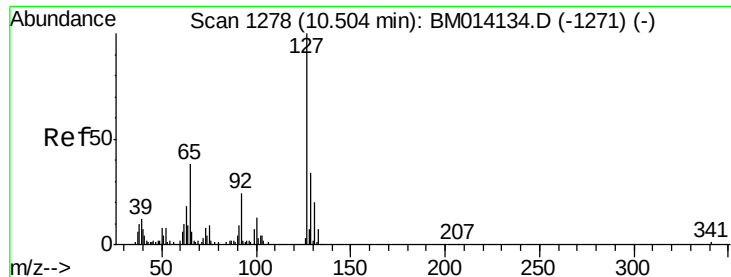


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

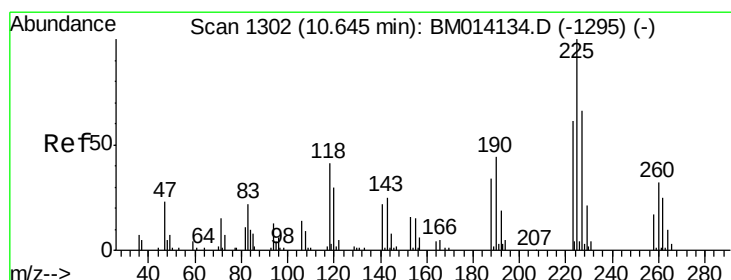
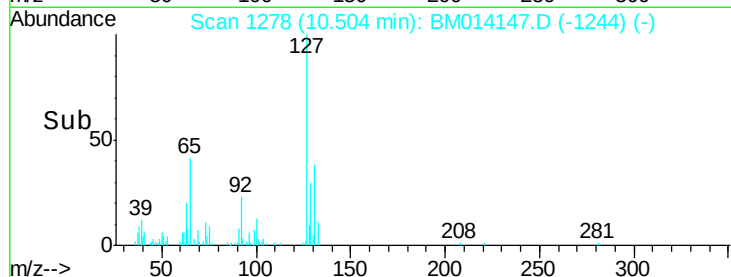
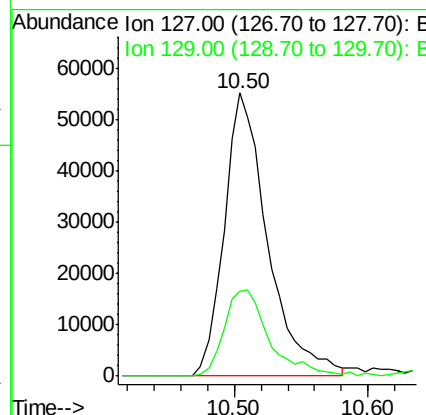
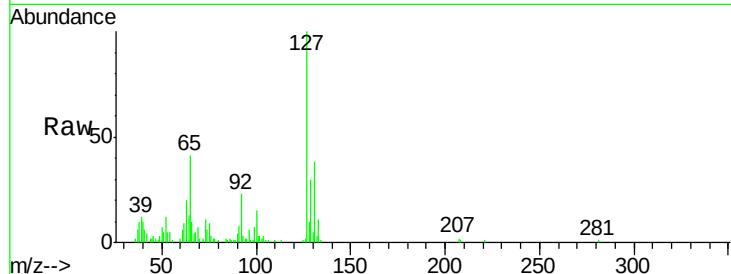




#30
4-Chloroaniline
Concen: 19.75 ng/ul
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

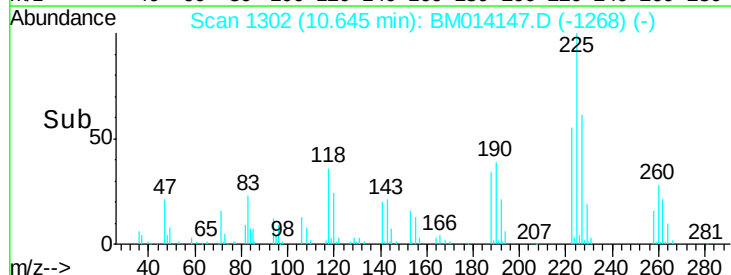
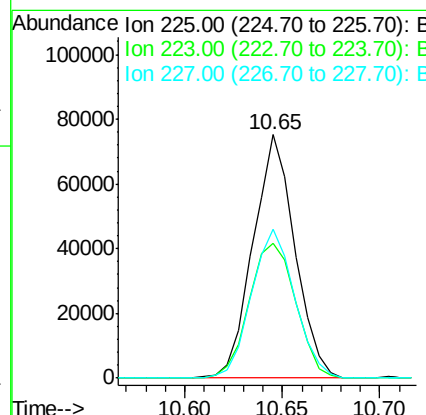
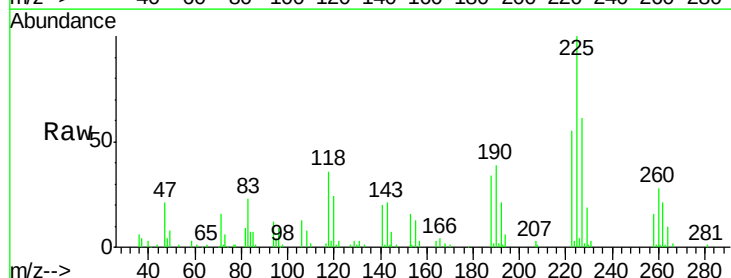
Instrument :
BNA_M
ClientSampleId :
SSTD02029

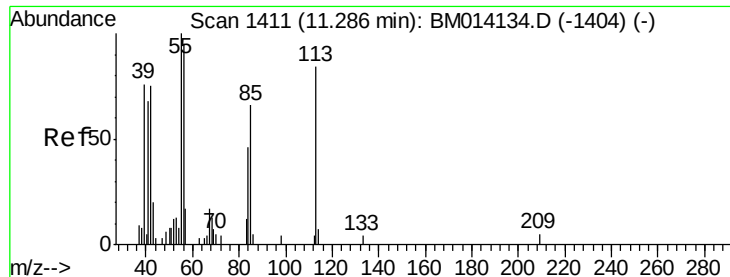
Tgt Ion:127 Resp: 125493
Ion Ratio Lower Upper
127 100
129 30.0 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.18 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion:225 Resp: 111412
Ion Ratio Lower Upper
225 100
223 55.3 49.4 74.2
227 61.1 45.4 68.2

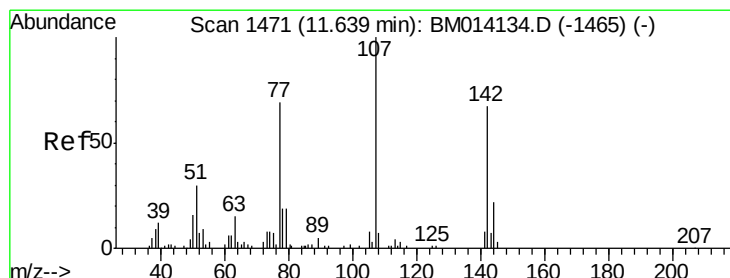
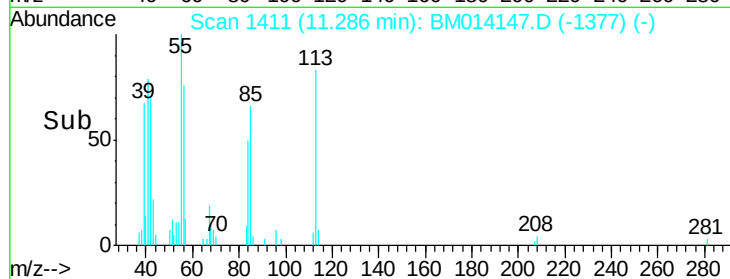
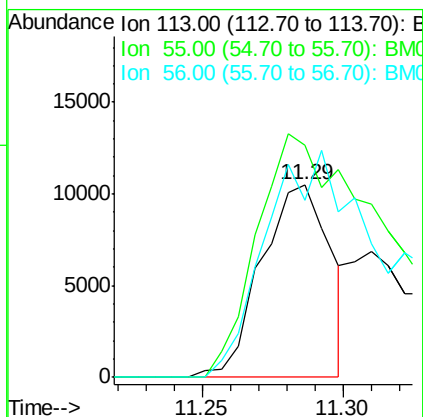
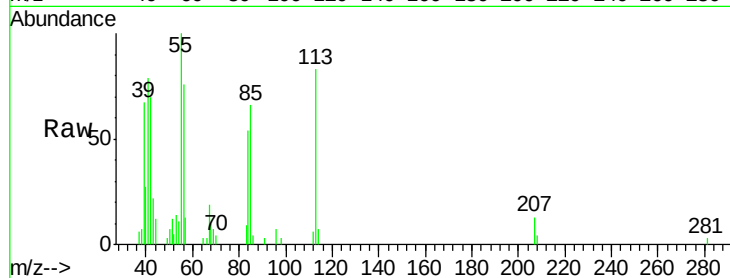




#32
 Caprolactam
 Concen: 9.55 ng/ul
 RT: 11.29 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

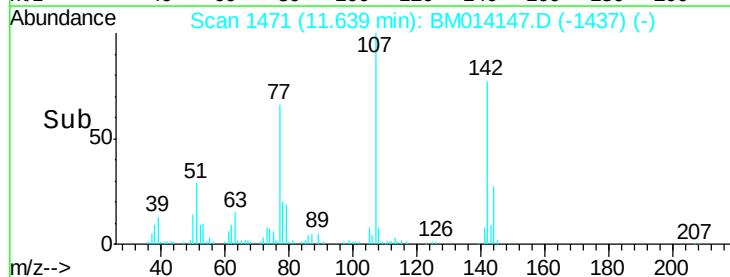
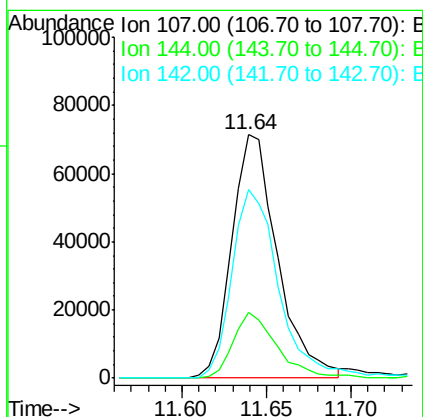
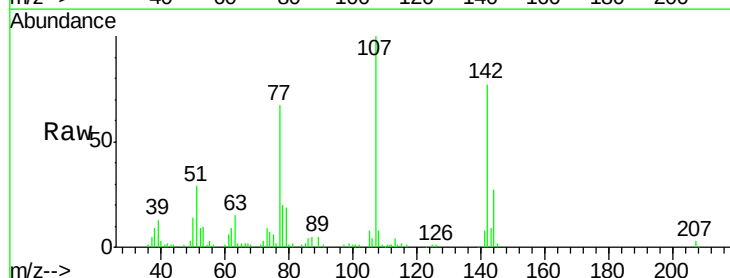
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

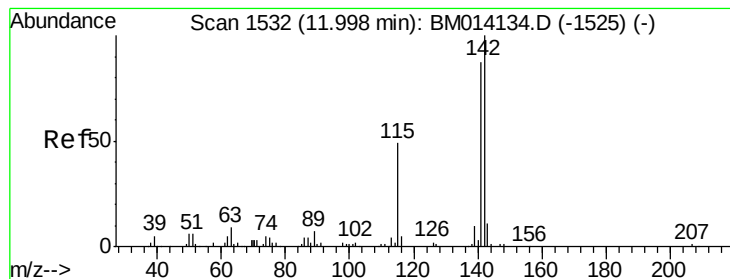
Tgt Ion:113 Resp: 17810
 Ion Ratio Lower Upper
 113 100
 55 120.4 208.0 312.0#
 56 91.7 160.0 240.0#



#33
 4-Chloro-3-methylphenol
 Concen: 18.81 ng/ul
 RT: 11.64 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:107 Resp: 133927
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.4 30.6
 142 77.2 60.5 90.7





#34

2-Methylnaphthalene

Concen: 18.79 ng/ul

RT: 12.00 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

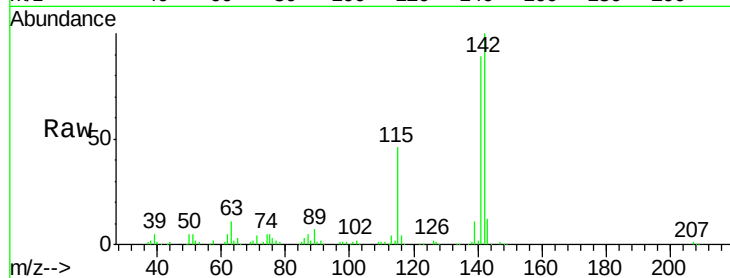
SSTD02029

Tgt Ion:142 Resp: 310697

Ion Ratio Lower Upper

142 100

141 89.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

200000

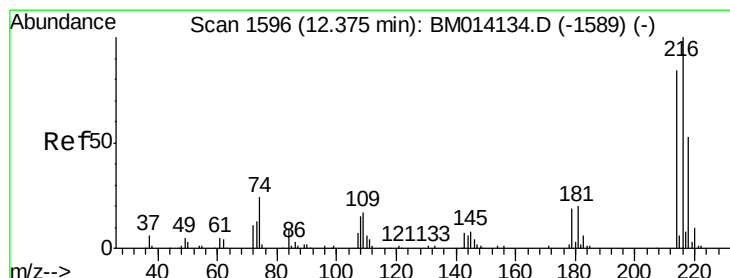
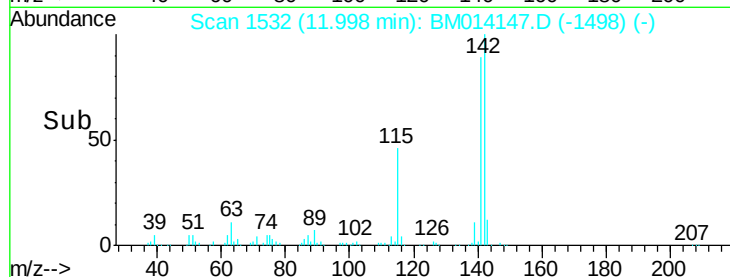
150000

100000

50000

0

Time--> 11.90 11.95 12.00 12.05



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.49 ng/ul

RT: 12.37 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Tgt Ion:216 Resp: 204605

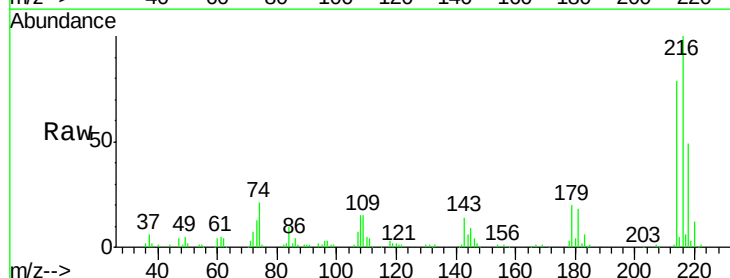
Ion Ratio Lower Upper

216 100

214 79.2 60.6 90.8

179 20.2 17.5 26.3

108 14.7 11.3 16.9



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

200000

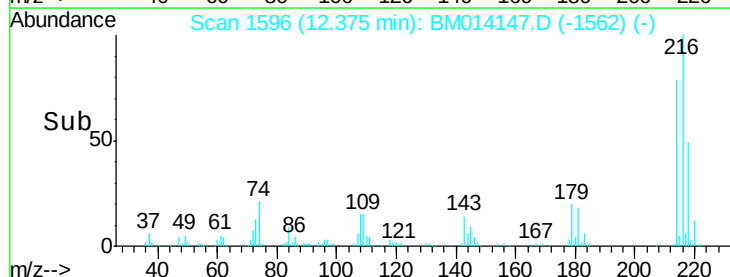
150000

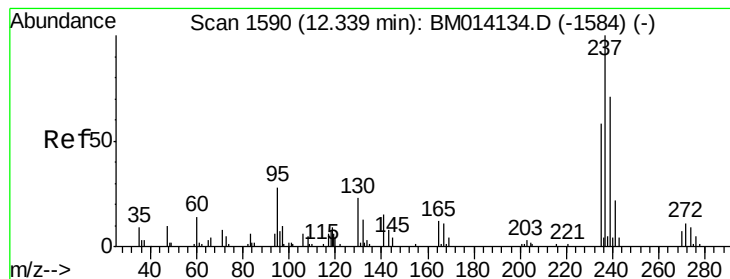
100000

50000

0

Time--> 12.30 12.35 12.40 12.45





#37

Hexachlorocyclopentadiene

Concen: 15.00 ng/ul

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

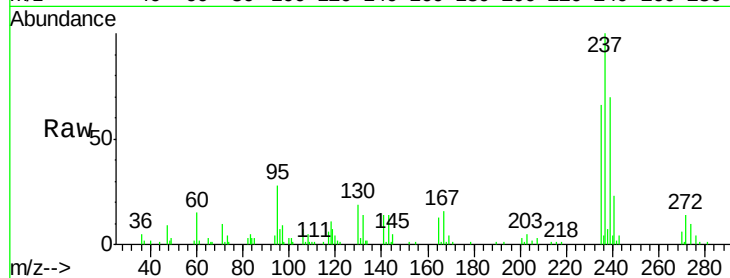
Tgt Ion:237 Resp: 81600

Ion Ratio Lower Upper

237 100

235 66.4 50.2 75.4

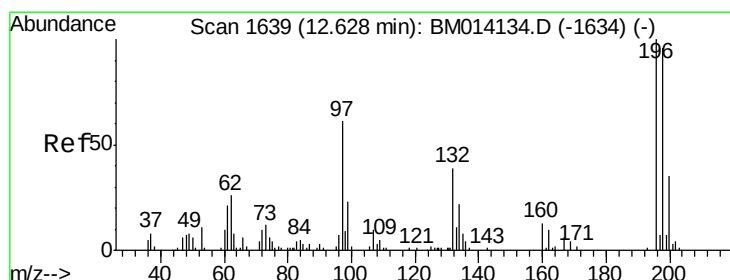
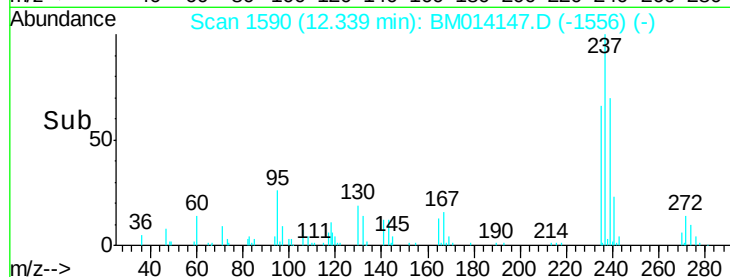
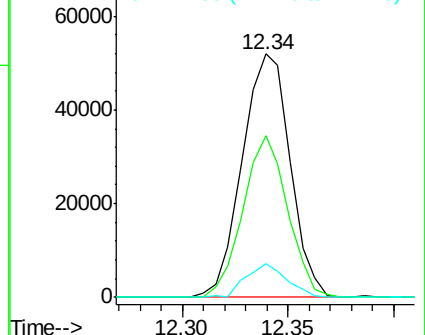
272 13.8 11.0 16.6



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: 21.55 ng/ul

RT: 12.63 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

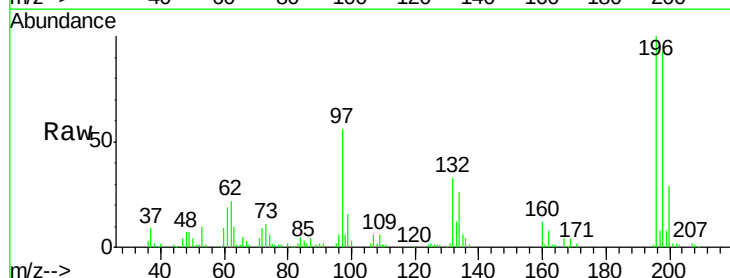
Tgt Ion:196 Resp: 125189

Ion Ratio Lower Upper

196 100

198 92.9 74.1 111.1

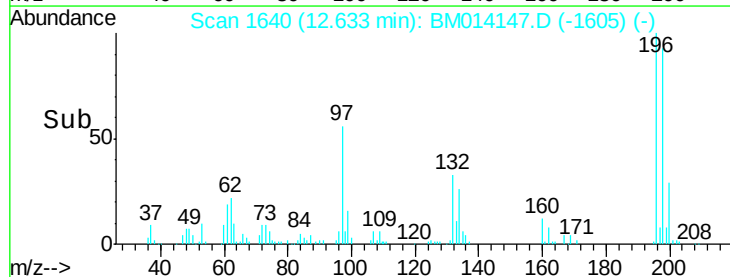
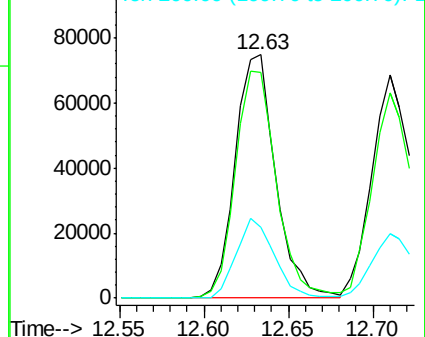
200 28.9 25.2 37.8

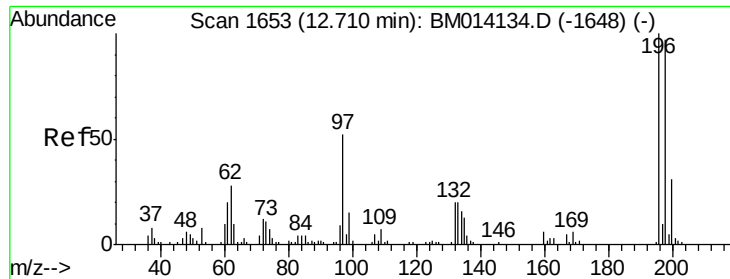


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

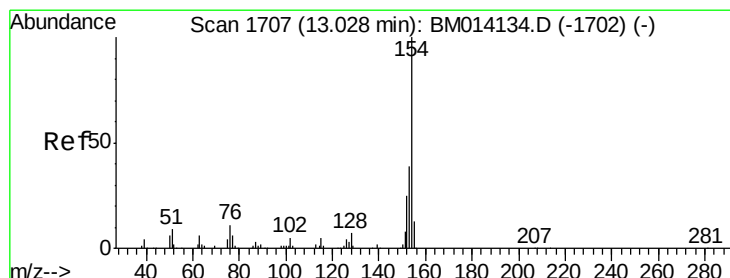
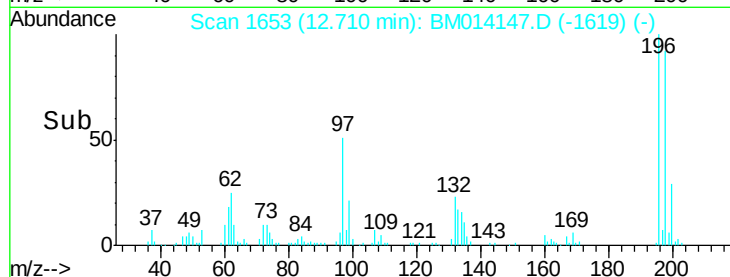
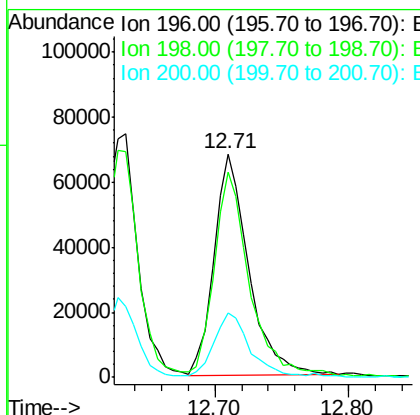
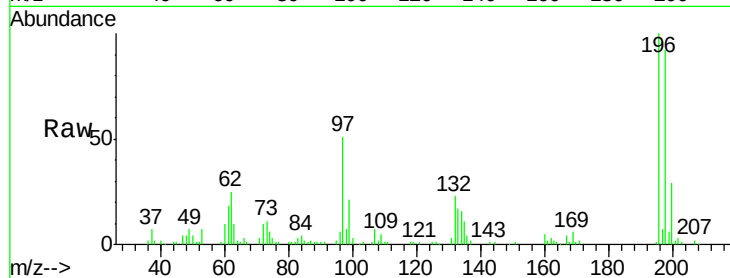




#39
 2,4,5-Trichlorophenol
 Concen: 20.81 ng/ul
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

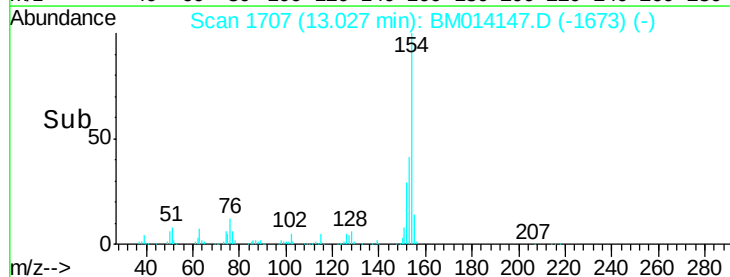
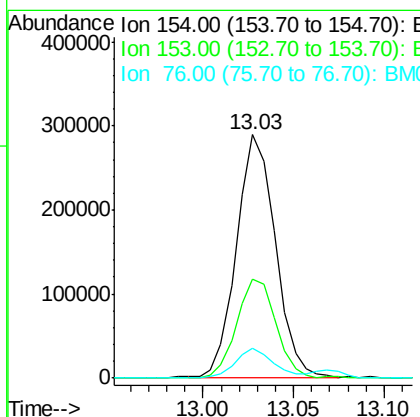
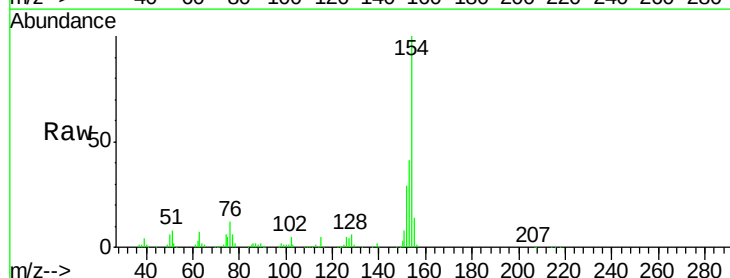
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

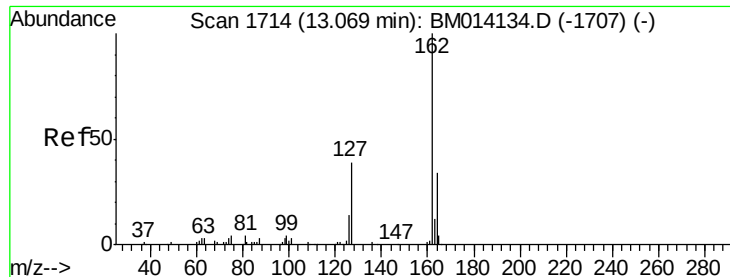
Tgt Ion:196 Resp: 124334
 Ion Ratio Lower Upper
 196 100
 198 92.2 75.6 113.4
 200 28.6 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.18 ng/ul
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:154 Resp: 428699
 Ion Ratio Lower Upper
 154 100
 153 40.6 32.6 48.8
 76 12.0 8.5 12.7

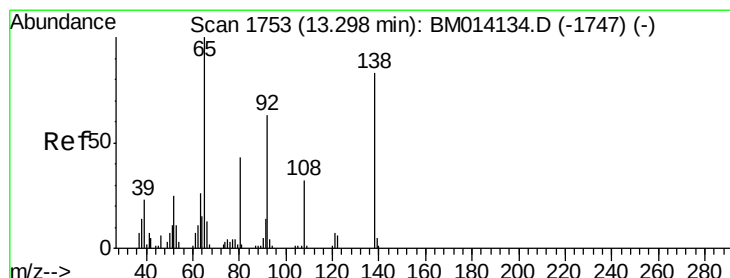
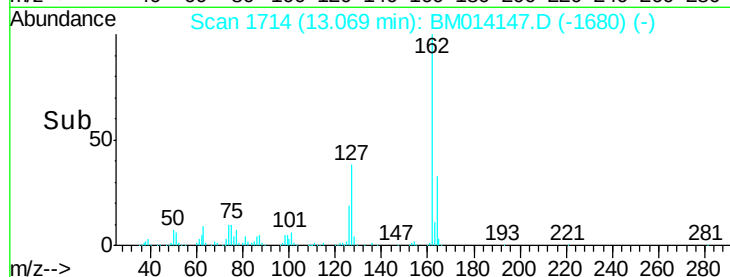
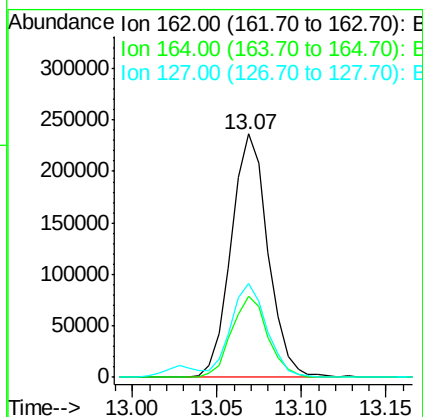
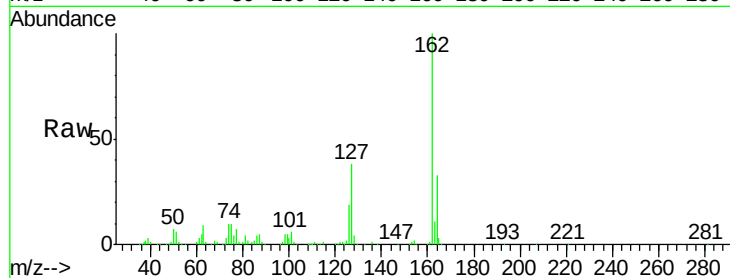




#41
2-Chloronaphthalene
Concen: 20.90 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

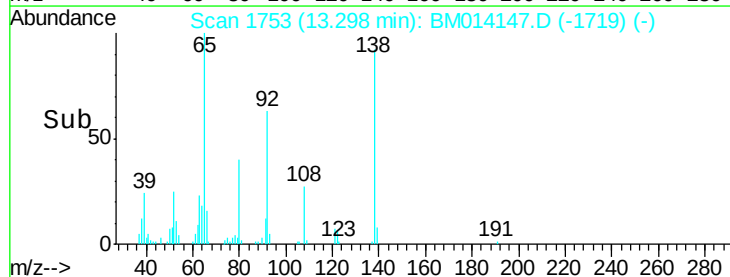
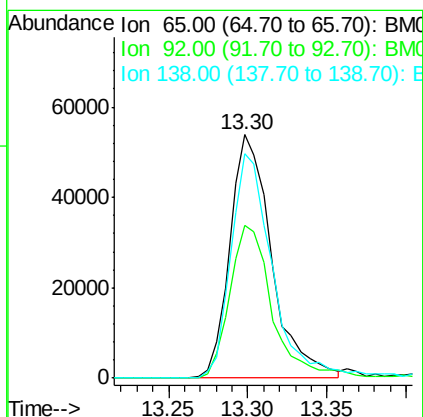
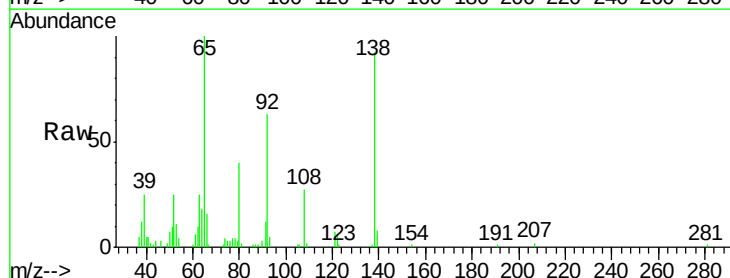
Instrument :
BNA_M
ClientSampleId :
SSTD02029

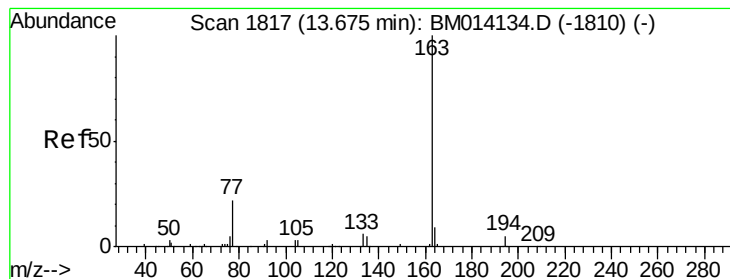
Tgt Ion: 162 Resp: 358743
Ion Ratio Lower Upper
162 100
164 33.2 25.9 38.9
127 38.3 29.4 44.2



#42
2-Nitroaniline
Concen: 20.20 ng/ul
RT: 13.30 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion: 65 Resp: 98513
Ion Ratio Lower Upper
65 100
92 62.7 51.8 77.6
138 91.9 74.2 111.4





#44

Dimethylphthalate

Concen: 19.96 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

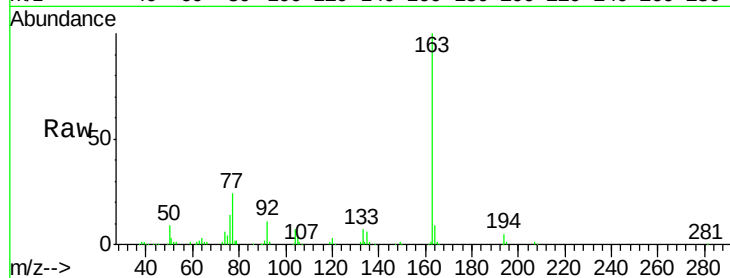
Tgt Ion:163 Resp: 436883

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

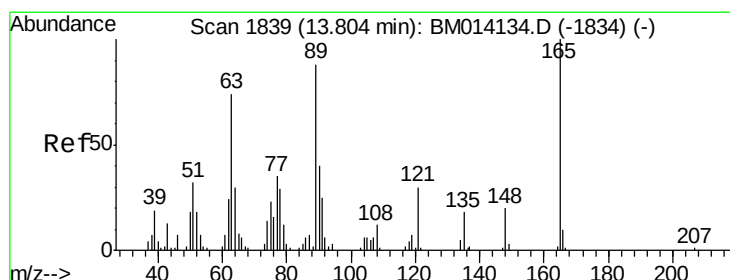
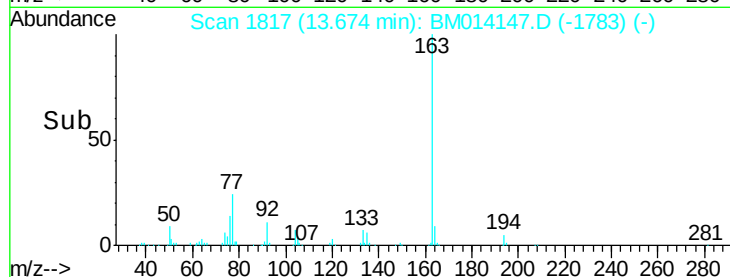
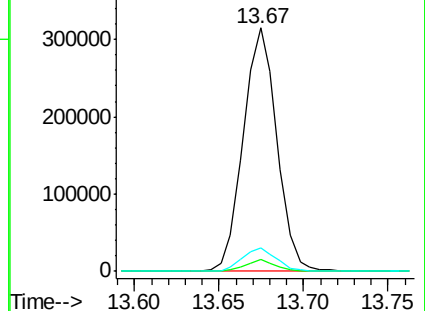
164 9.5 8.2 12.4



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: 20.52 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

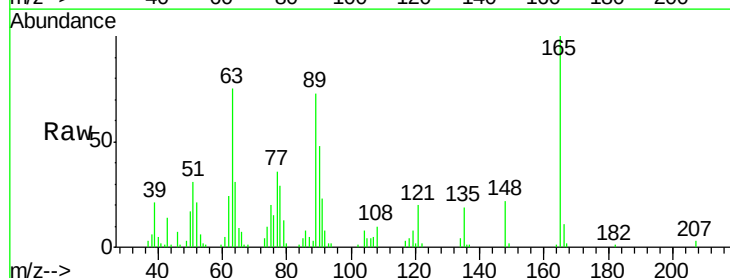
Tgt Ion:165 Resp: 87229

Ion Ratio Lower Upper

165 100

89 73.1 52.6 79.0

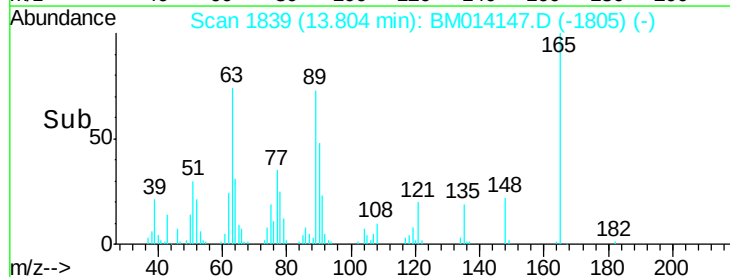
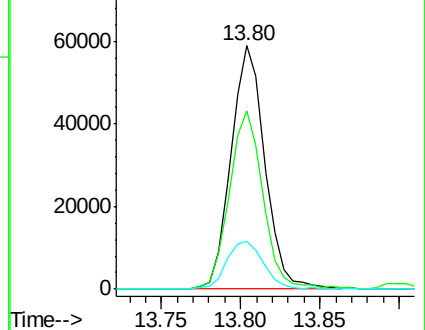
121 19.6 14.6 22.0

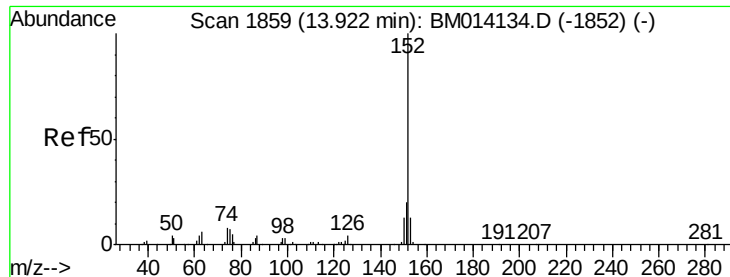


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.29 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

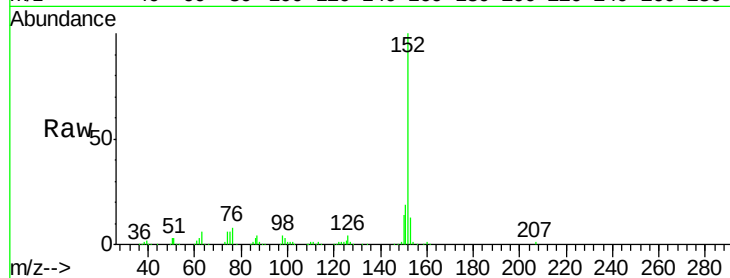
Tgt Ion:152 Resp: 518720

Ion Ratio Lower Upper

152 100

151 18.6 16.3 24.5

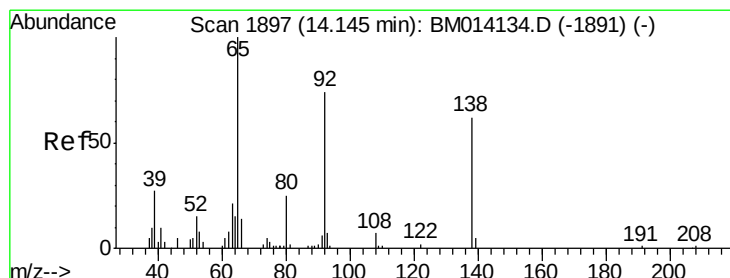
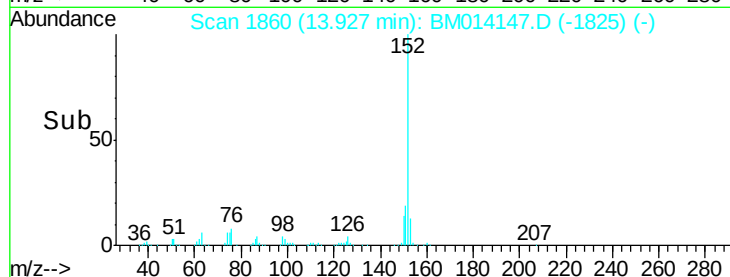
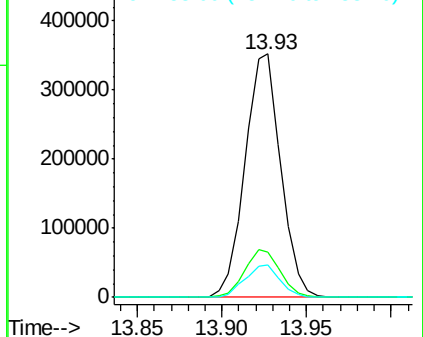
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 19.15 ng/ul

RT: 14.15 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

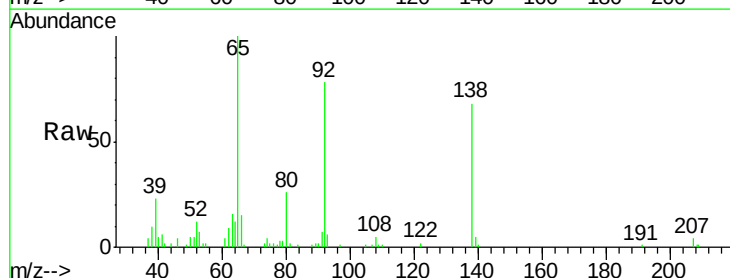
Tgt Ion:138 Resp: 61164

Ion Ratio Lower Upper

138 100

108 8.0 9.9 14.9#

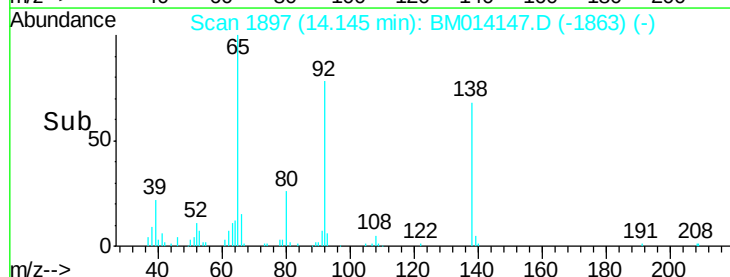
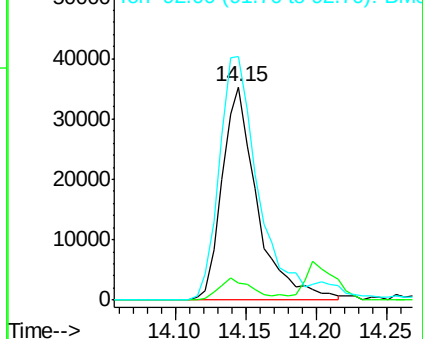
92 114.3 105.0 157.4

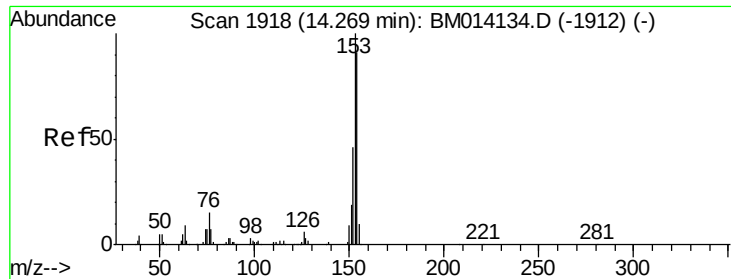


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.85 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

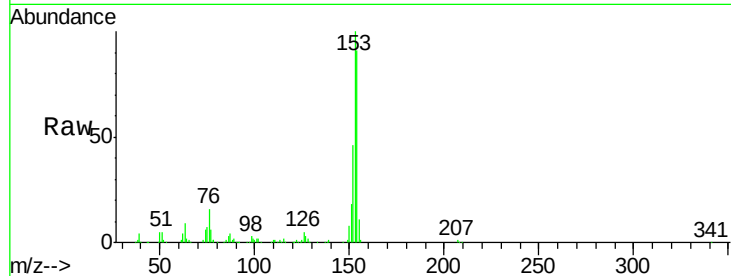
Tgt Ion:153 Resp: 355860

Ion Ratio Lower Upper

153 100

152 45.5 37.6 56.4

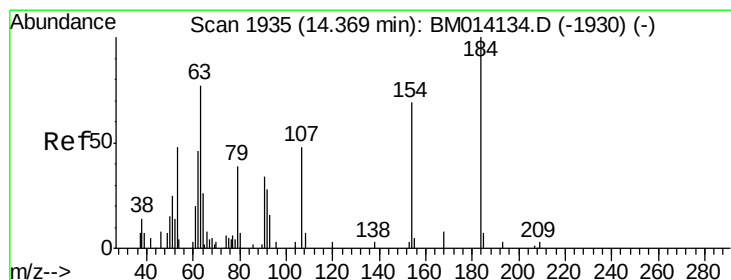
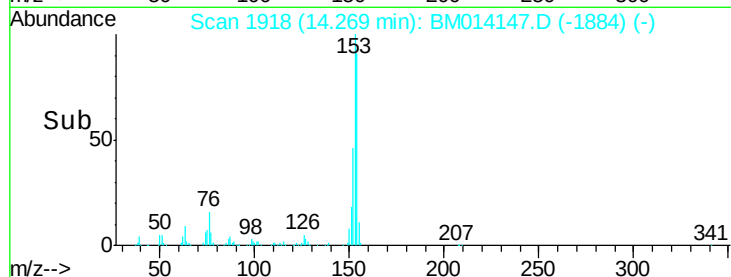
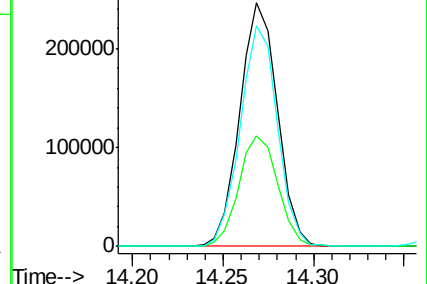
154 90.9 70.4 105.6



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: 11.67 ng/ul

RT: 14.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

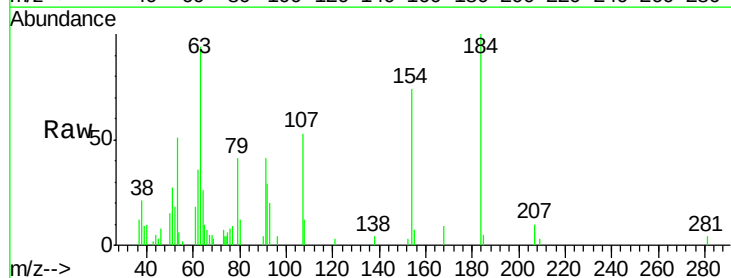
Tgt Ion:184 Resp: 26607

Ion Ratio Lower Upper

184 100

63 94.0 50.1 75.1#

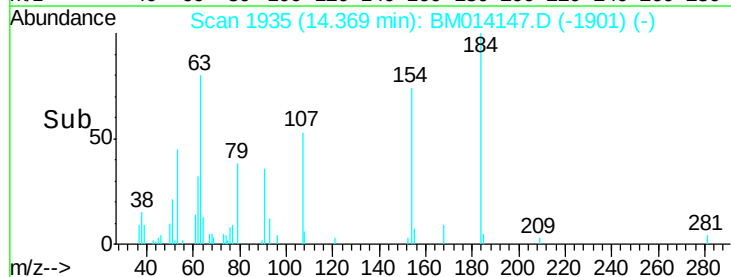
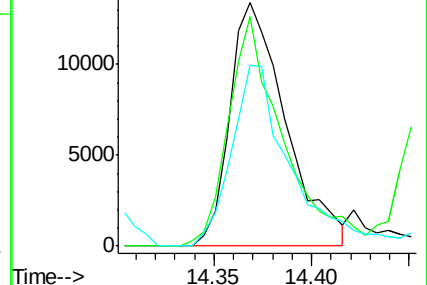
154 74.0 54.5 81.7

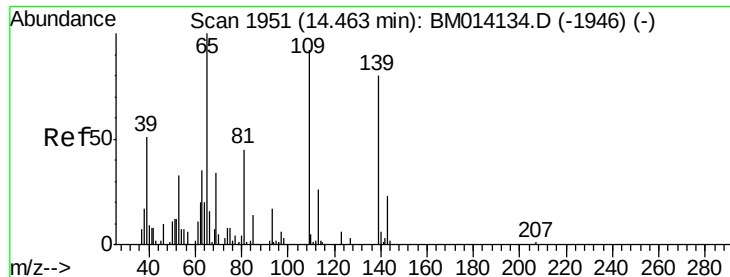


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

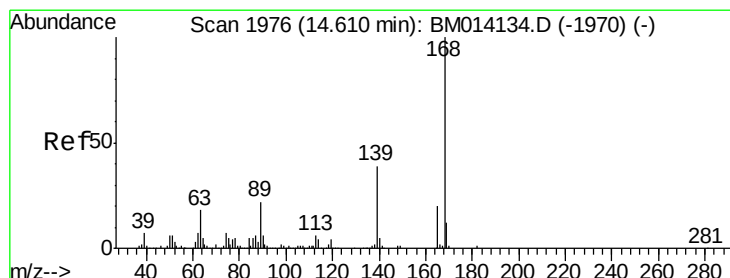
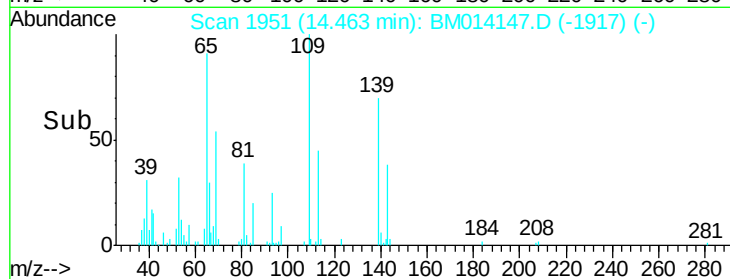
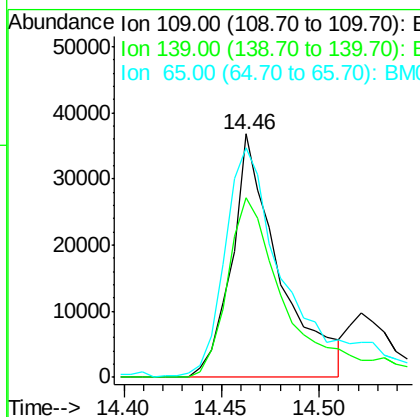
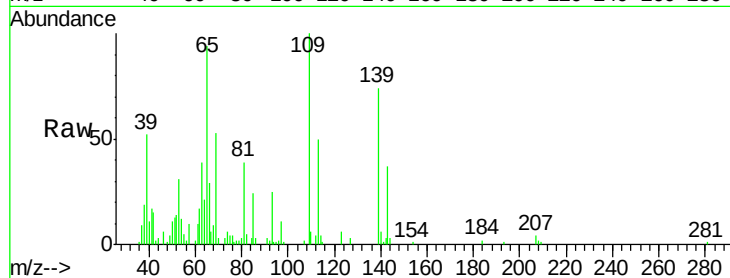




#52
4-Nitrophenol
Concen: 16.40 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

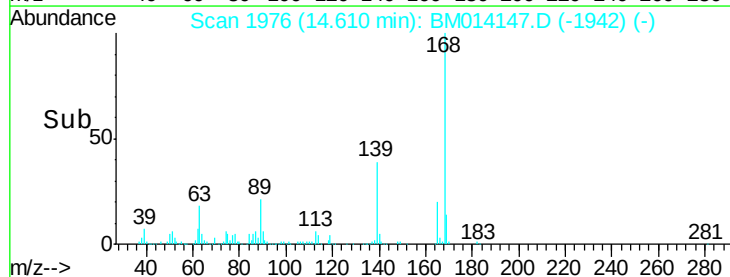
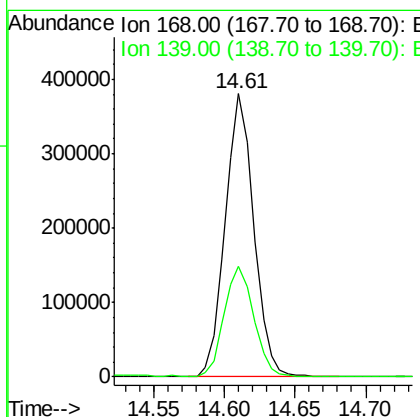
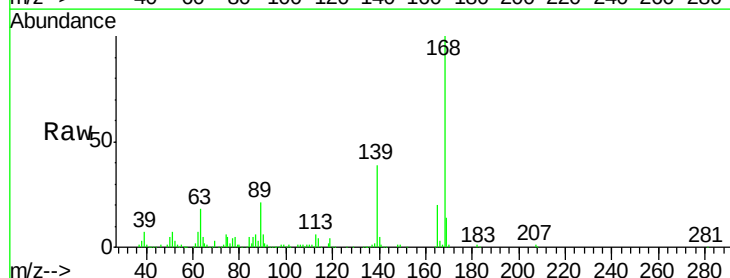
Instrument :
BNA_M
ClientSampleId :
SSTD02029

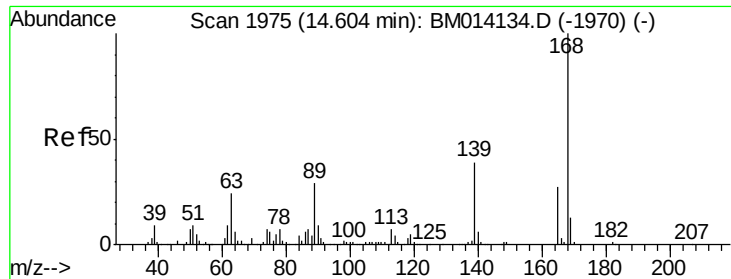
Tgt Ion:109 Resp: 61841
Ion Ratio Lower Upper
109 100
139 74.0 80.0 120.0#
65 94.2 120.0 180.0#



#53
Dibenzofuran
Concen: 19.73 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion:168 Resp: 538594
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2

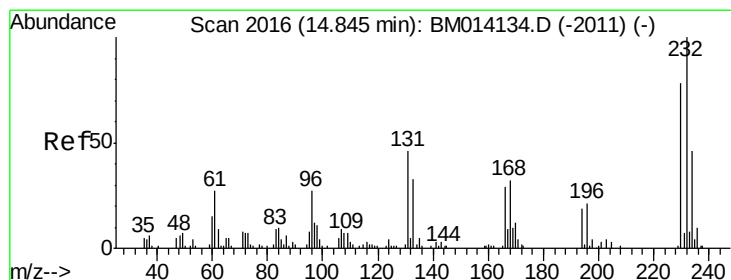
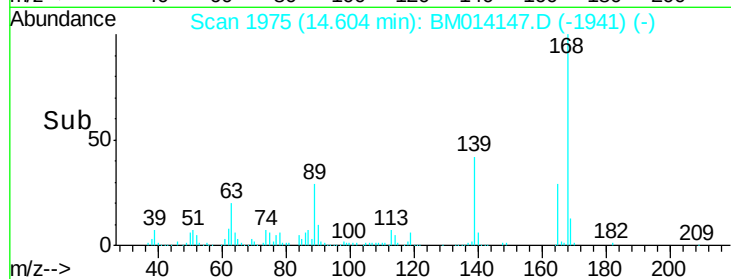
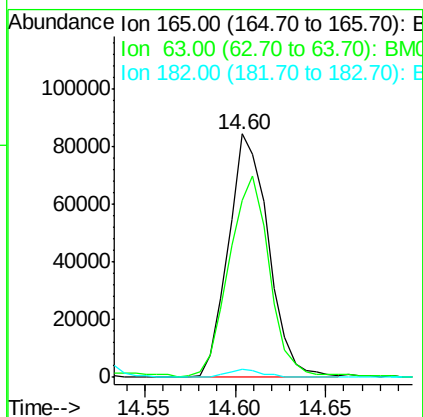
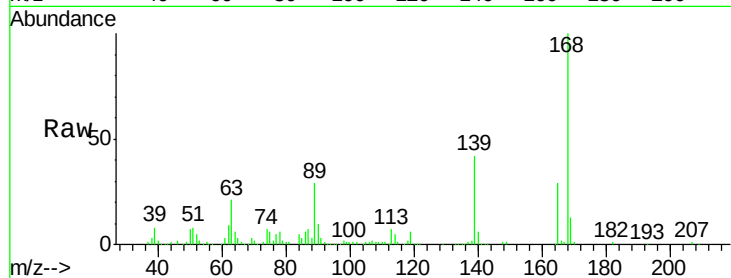




#54
 2,4-Dinitrotoluene
 Concen: 20.21 ng/ul
 RT: 14.60 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

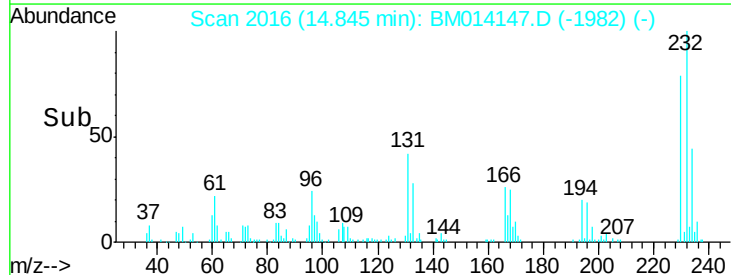
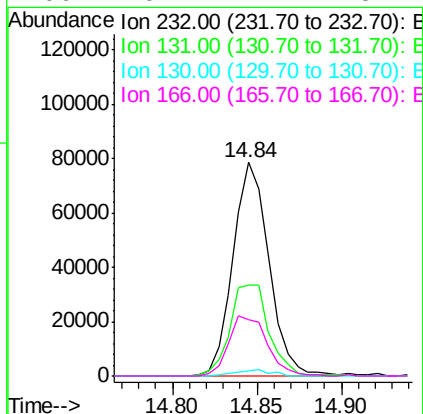
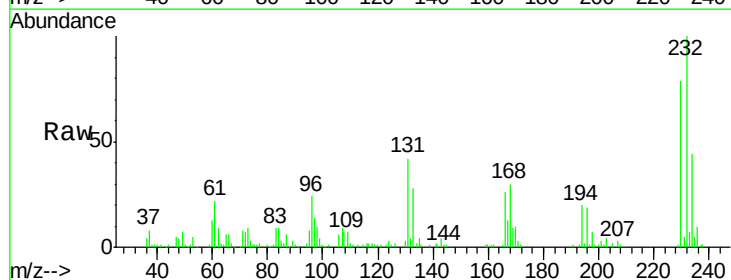
Instrument :
 BNA_M
 ClientSampled :
 SSTD02029

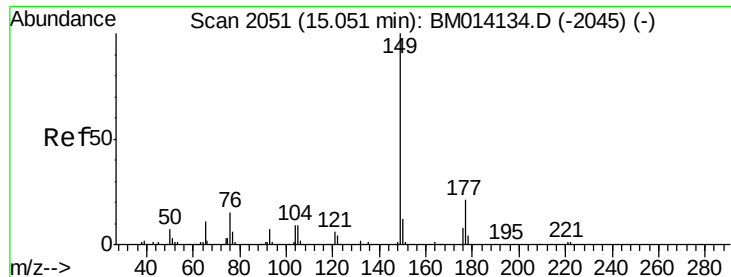
Tgt Ion:165 Resp: 129982
 Ion Ratio Lower Upper
 165 100
 63 72.9 45.8 68.8#
 182 3.2 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.36 ng/ul
 RT: 14.84 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:232 Resp: 116641
 Ion Ratio Lower Upper
 232 100
 131 42.3 29.0 43.4
 130 2.7 2.0 3.0
 166 26.1 21.4 32.2

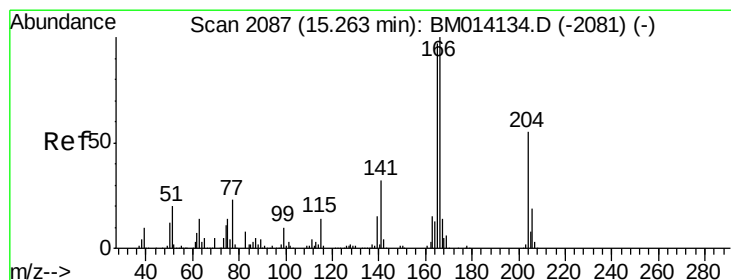
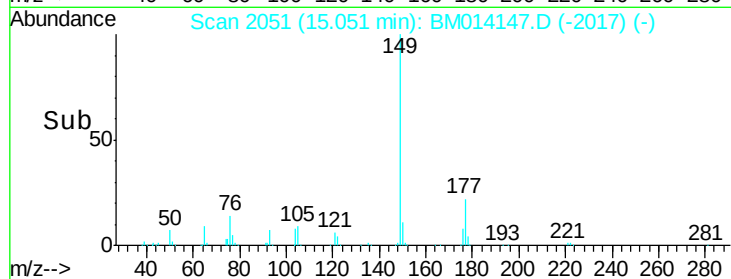
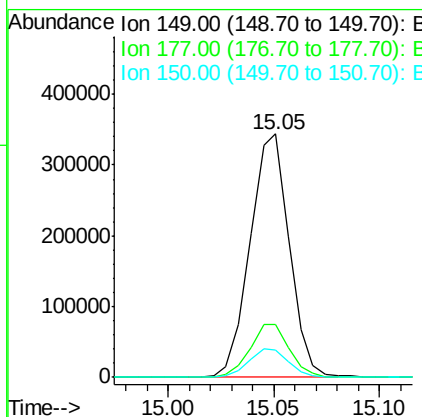
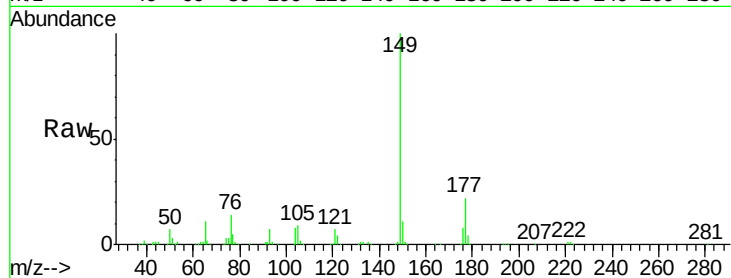




#56
Diethylphthalate
Concen: 19.35 ng/ul
RT: 15.05 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

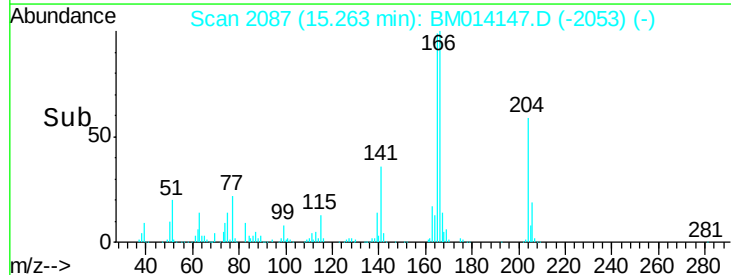
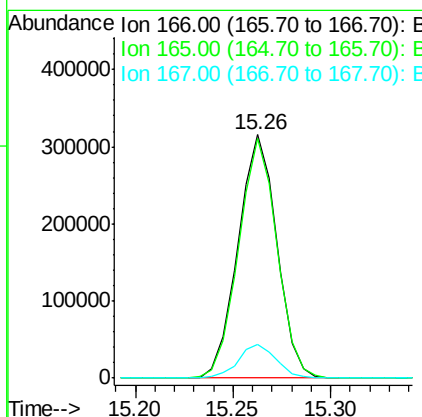
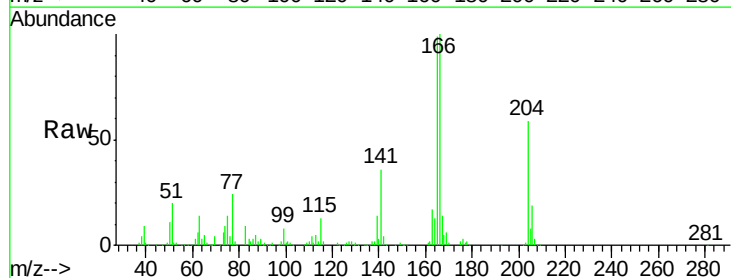
Instrument :
BNA_M
ClientSampleId :
SSTD02029

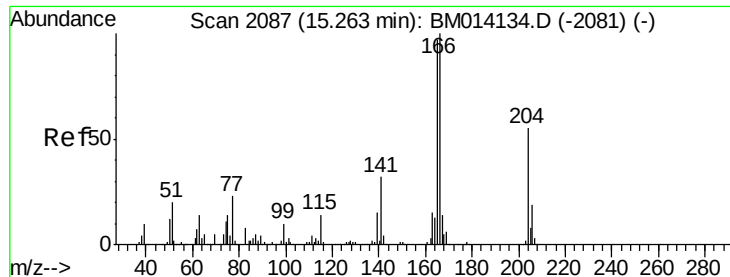
Tgt Ion:149 Resp: 444205
Ion Ratio Lower Upper
149 100
177 22.0 20.5 30.7
150 11.4 10.6 15.8



#58
Fluorene
Concen: 19.01 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion:166 Resp: 432711
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 13.8 10.6 16.0

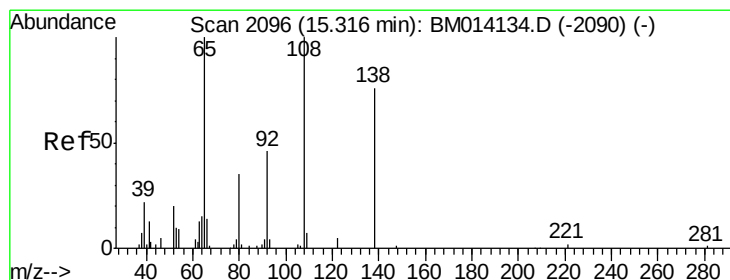
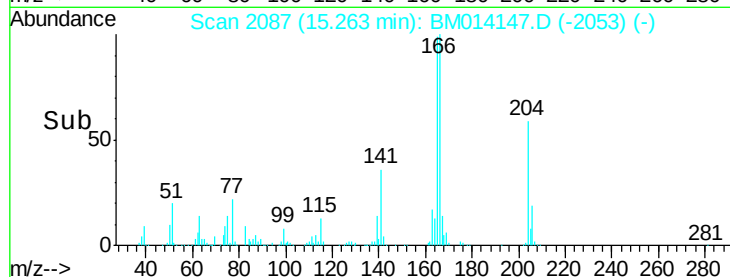
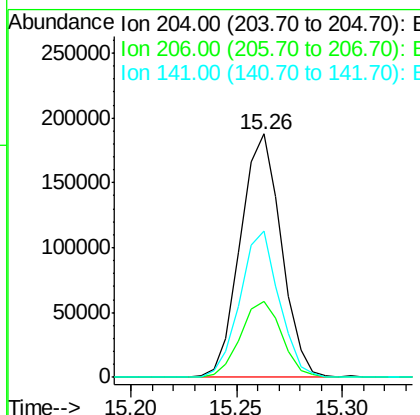
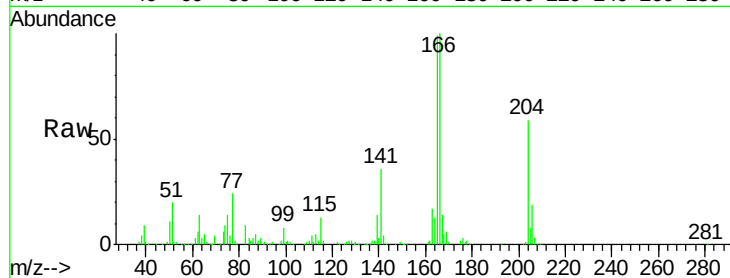




#59
 4-Chlorophenyl-phenylether
 Concen: 19.44 ng/ul
 RT: 15.26 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

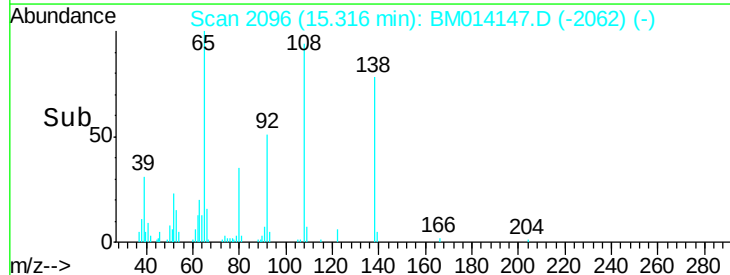
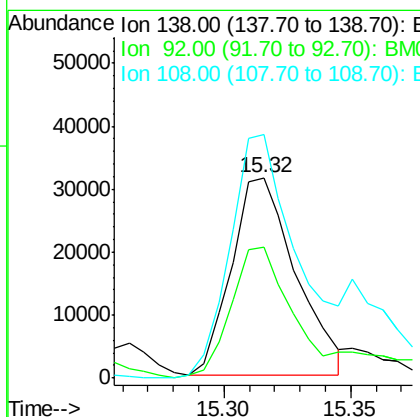
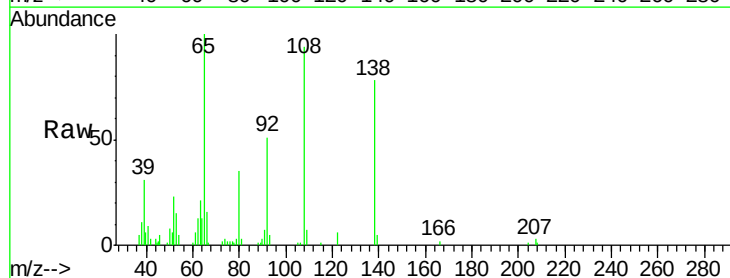
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

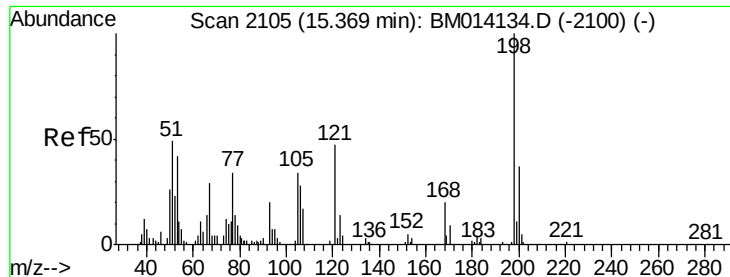
Tgt Ion:204 Resp: 253375
 Ion Ratio Lower Upper
 204 100
 206 31.2 24.8 37.2
 141 60.2 44.3 66.5



#60
 4-Nitroaniline
 Concen: 15.40 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:138 Resp: 55294
 Ion Ratio Lower Upper
 138 100
 92 65.2 40.0 60.0#
 108 121.4 80.0 120.0#

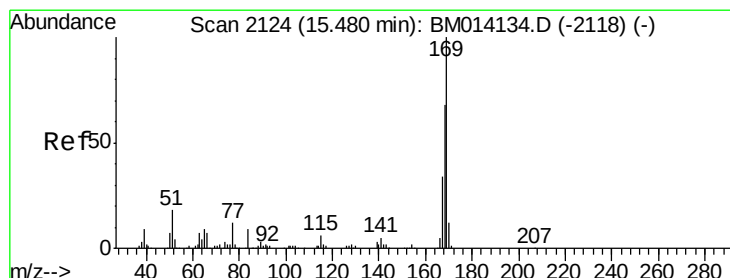
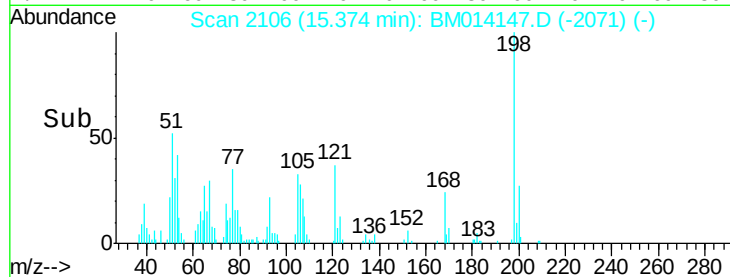
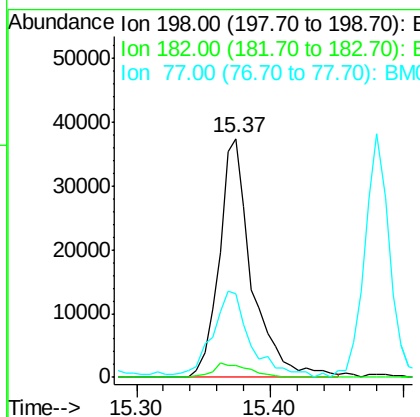
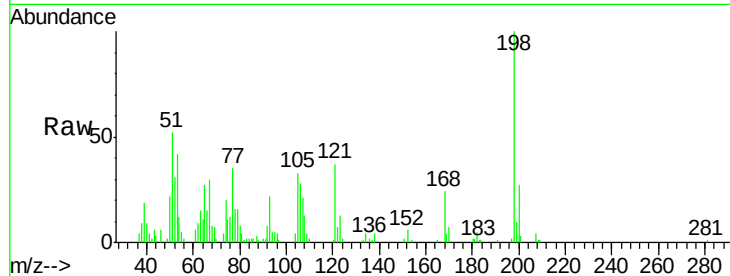




#63
 4,6-Dinitro-2-methylphenol
 Concen: 15.88 ng/ul
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.01 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

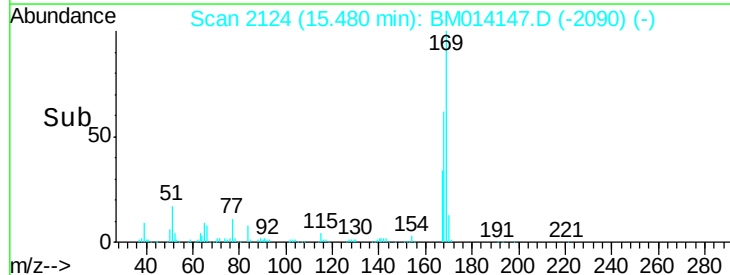
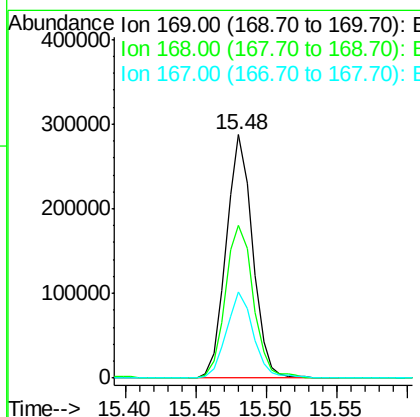
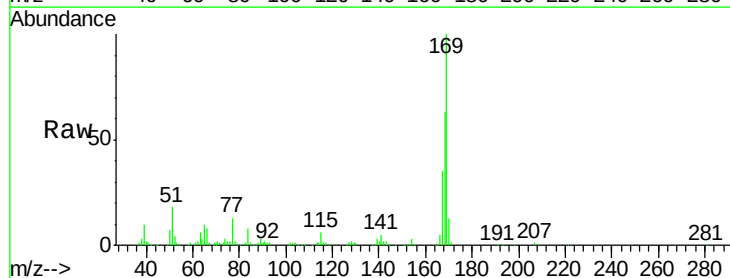
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

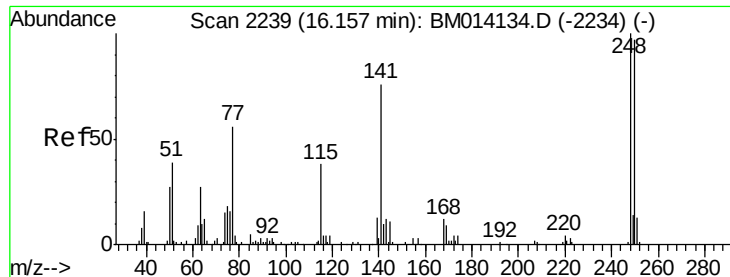
Tgt Ion:198 Resp: 63982
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.8 5.6
 77 35.1 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.05 ng/ul
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:169 Resp: 374548
 Ion Ratio Lower Upper
 169 100
 168 62.7 54.0 81.0
 167 35.3 29.1 43.7

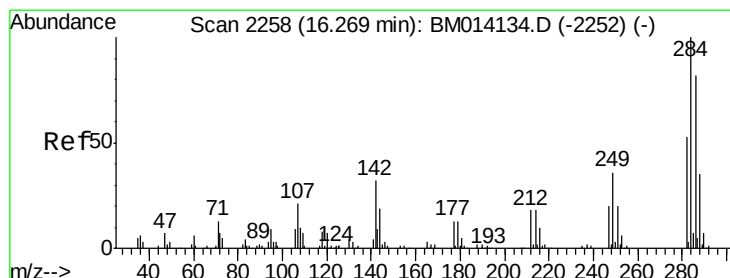
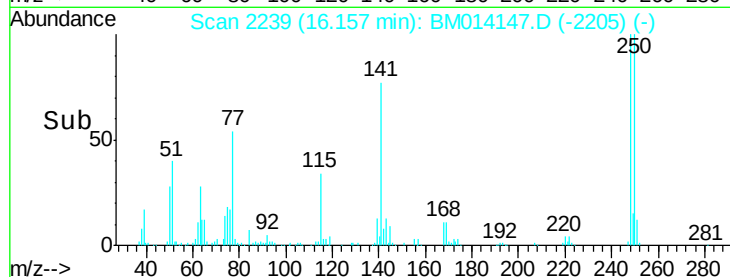
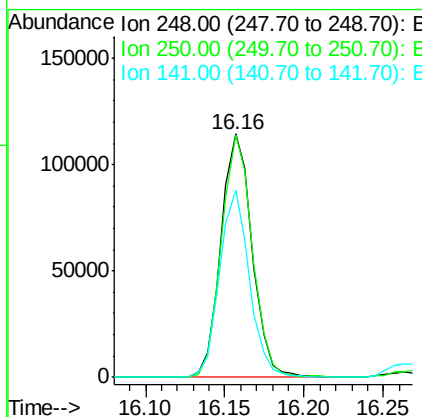
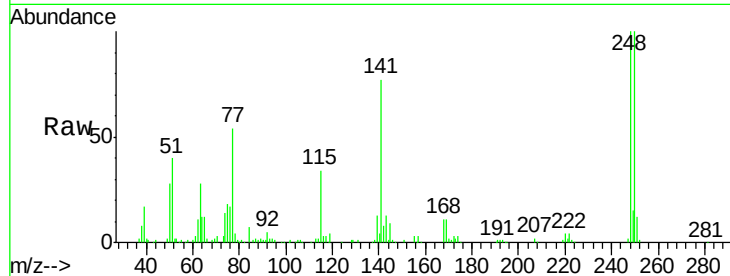




#65
4-Bromophenyl-phenylether
Concen: 19.33 ng/ul
RT: 16.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

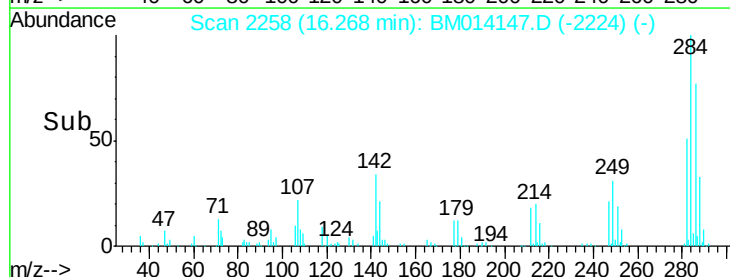
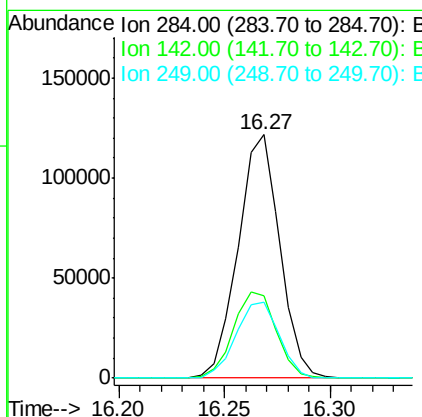
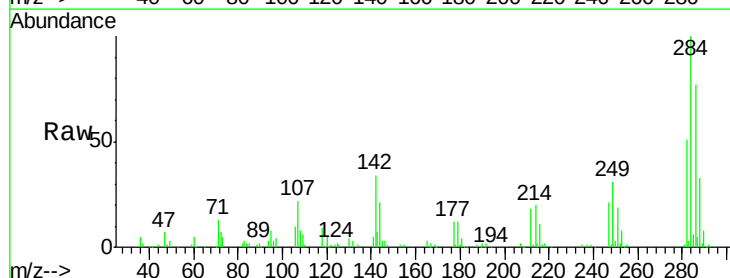
Instrument :
BNA_M
ClientSampled :
SSTD02029

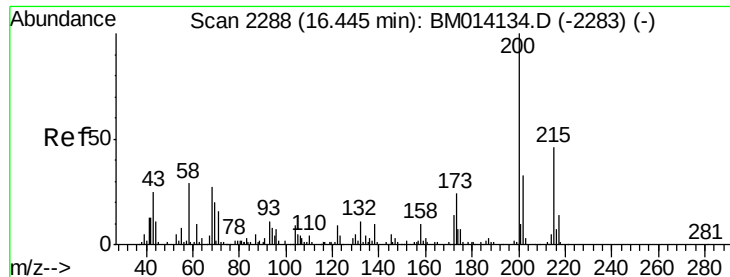
Tgt Ion:248 Resp: 156438
Ion Ratio Lower Upper
248 100
250 99.6 80.5 120.7
141 77.2 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.29 ng/ul
RT: 16.27 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion:284 Resp: 166110
Ion Ratio Lower Upper
284 100
142 33.9 21.2 31.8#
249 31.2 24.5 36.7

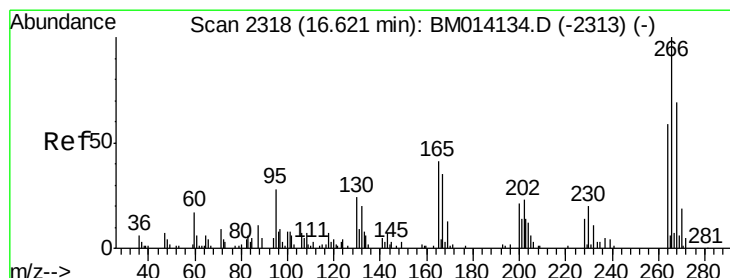
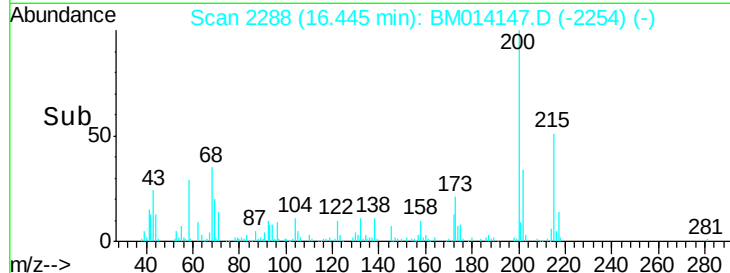
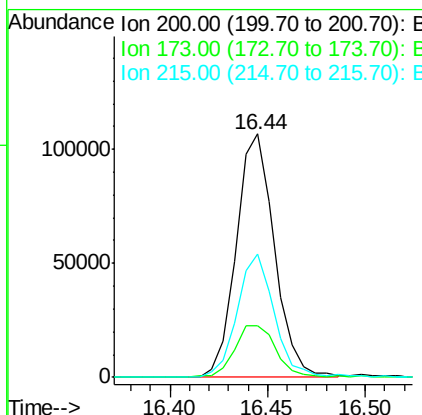
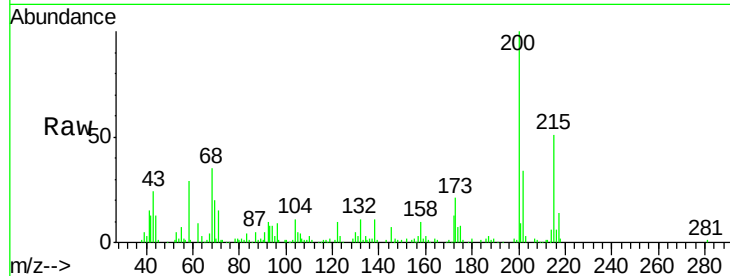




#67
 Atrazine
 Concen: 19.31 ng/ul
 RT: 16.44 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

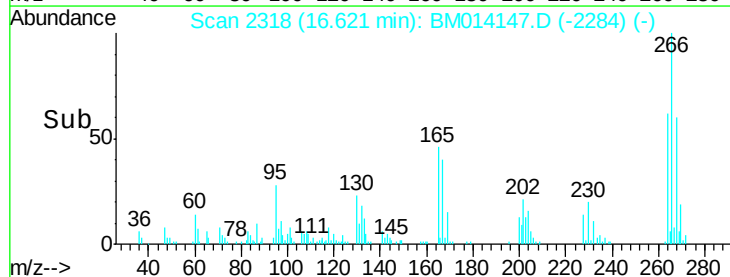
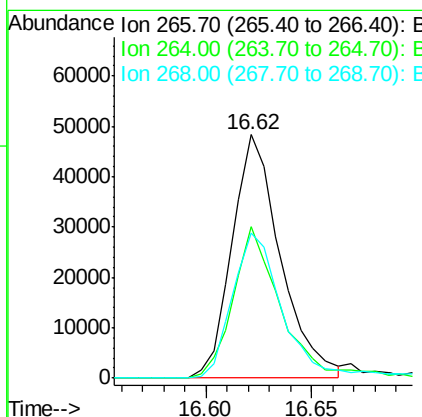
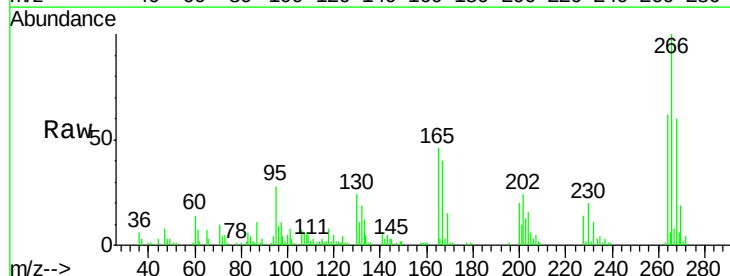
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

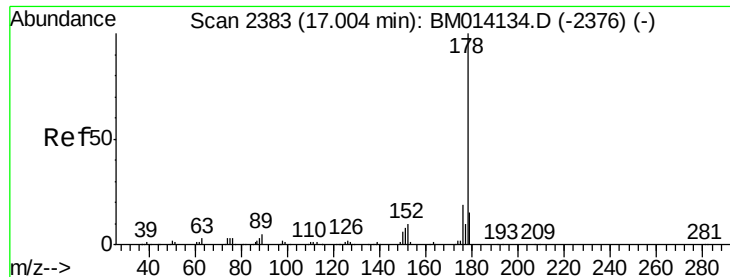
Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.4	18.2	27.2
215	50.9	35.0	52.4



#68
 Pentachlorophenol
 Concen: 18.16 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.3	73.9
268	59.8	52.6	78.8





#69

Phenanthrene

Concen: 19.62 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

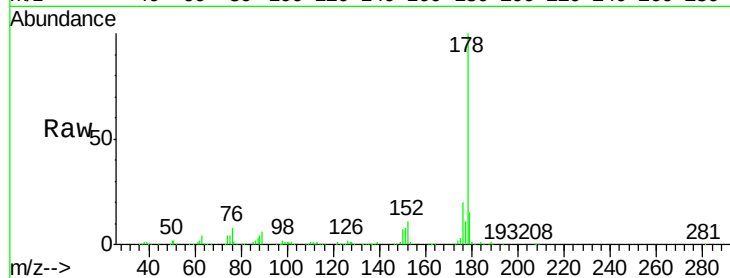
Tgt Ion:178 Resp: 714304

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

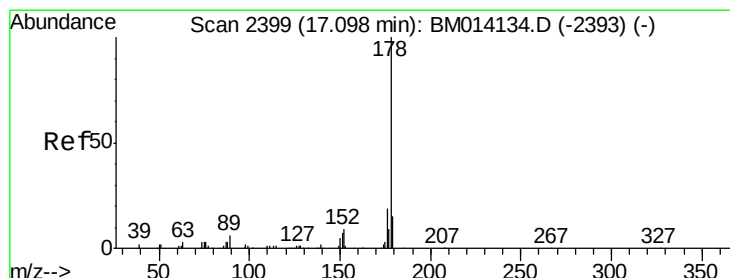
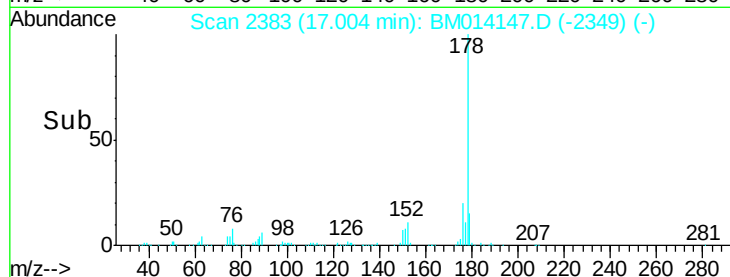
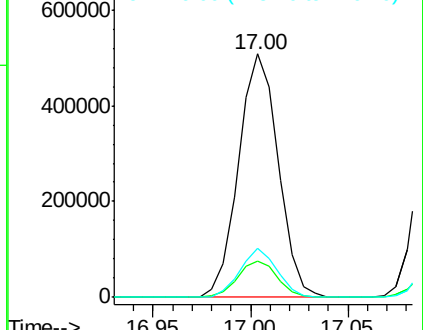
176 20.1 14.9 22.3



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: 19.82 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

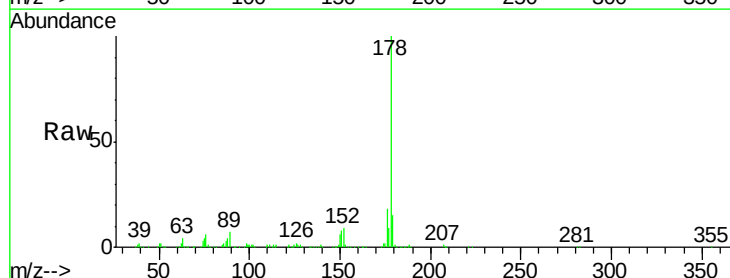
Tgt Ion:178 Resp: 731085

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

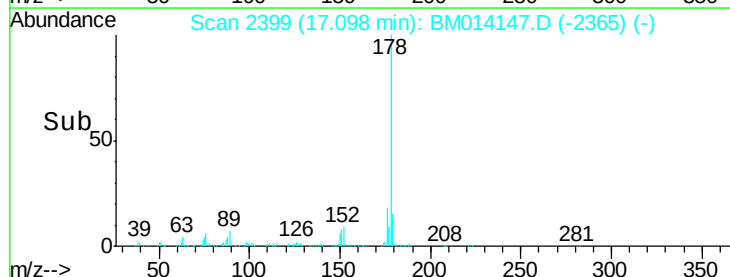
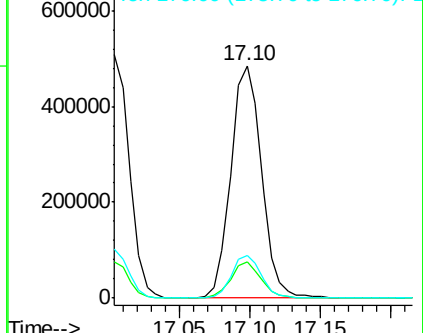
176 18.1 14.6 21.8

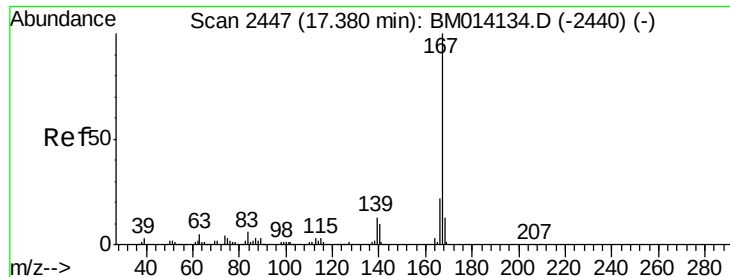


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

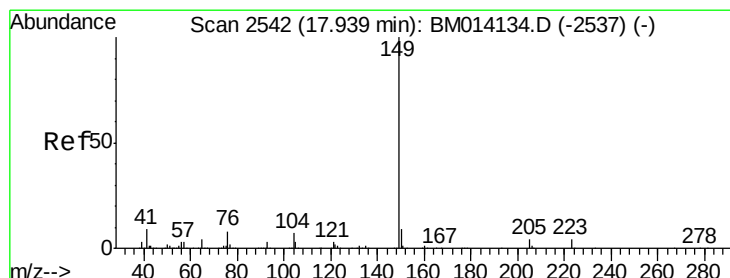
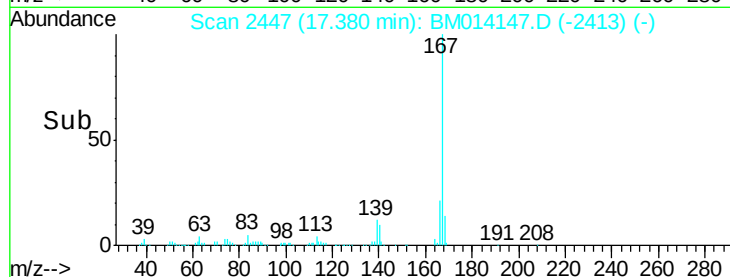
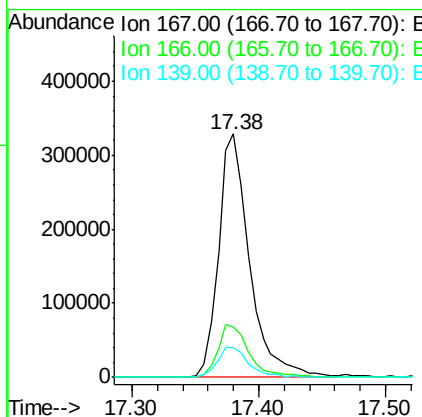
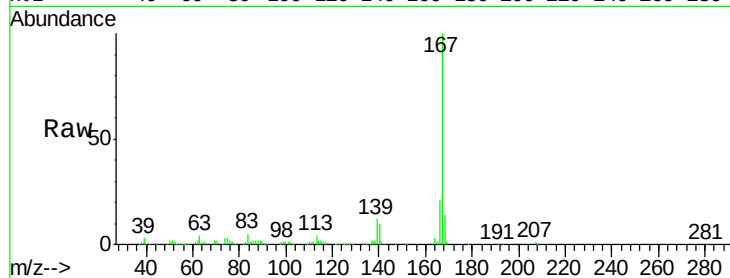




#72
 Carbazole
 Concen: 18.61 ng/ul
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

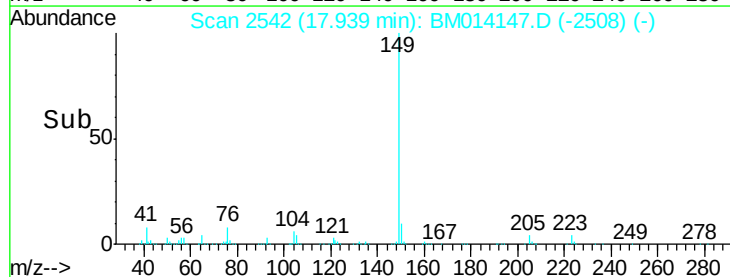
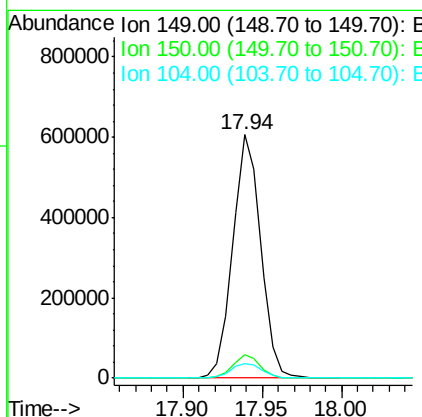
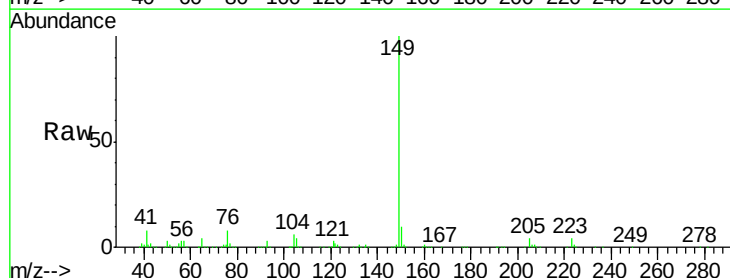
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02029

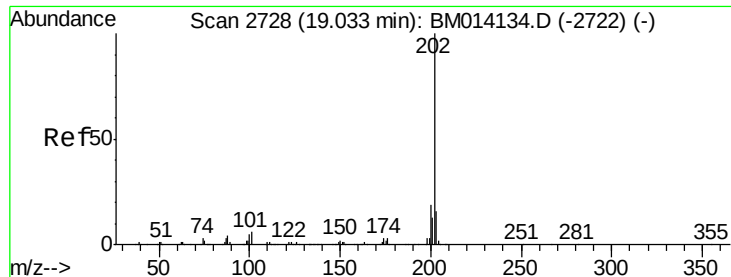
Tgt Ion:167 Resp: 559918
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 12.5 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 19.66 ng/ul
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BM014147.D
 Acq: 03 Feb 2018 11:16

Tgt Ion:149 Resp: 741759
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.1 10.7
 104 6.2 5.6 8.4





#74

Fluoranthene

Concen: 18.56 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

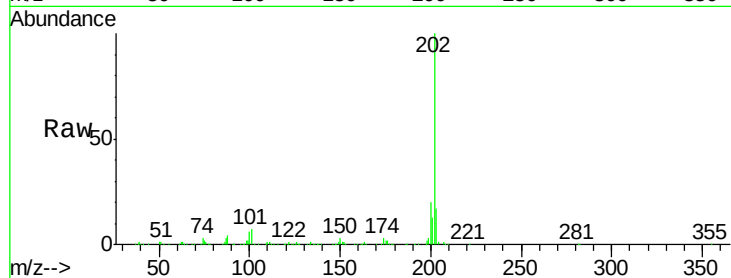
Tgt Ion:202 Resp: 840502

Ion Ratio Lower Upper

202 100

101 7.3 4.6 7.0#

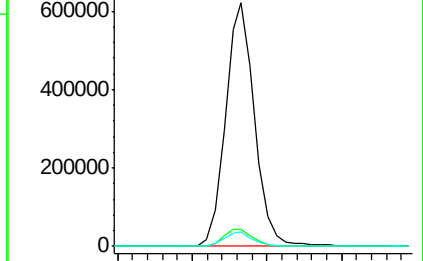
100 5.9 3.4 5.2#



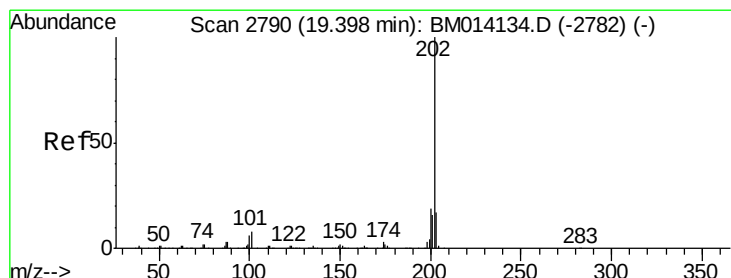
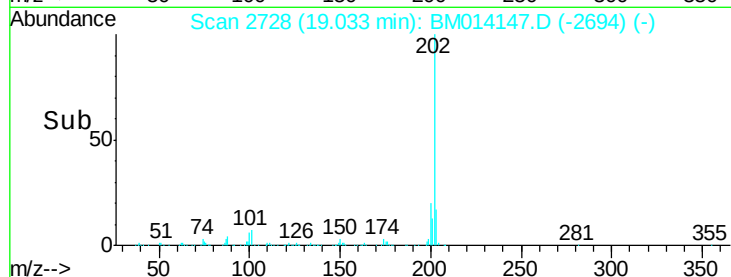
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 18.95 19.00 19.05 19.10



#77

Pyrene

Concen: 20.20 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

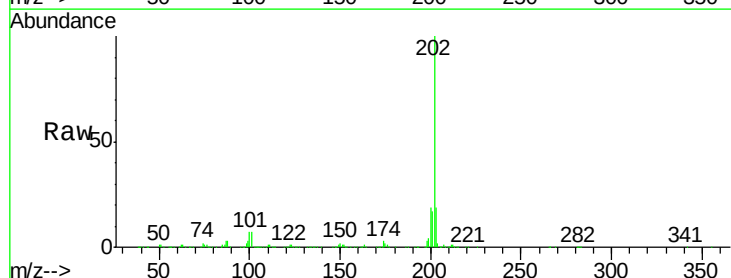
Tgt Ion:202 Resp: 857175

Ion Ratio Lower Upper

202 100

101 7.3 5.1 7.7

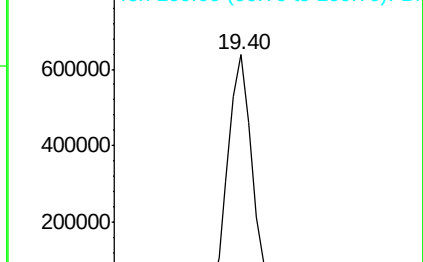
100 7.0 4.9 7.3



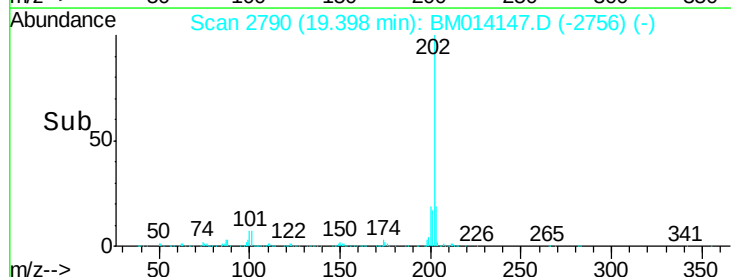
Abundance Ion 202.00 (201.70 to 202.70): E

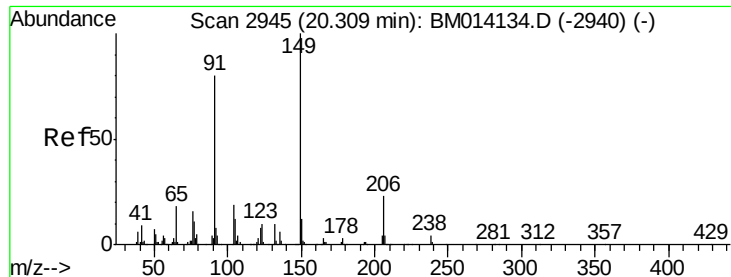
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.30 19.40 19.50

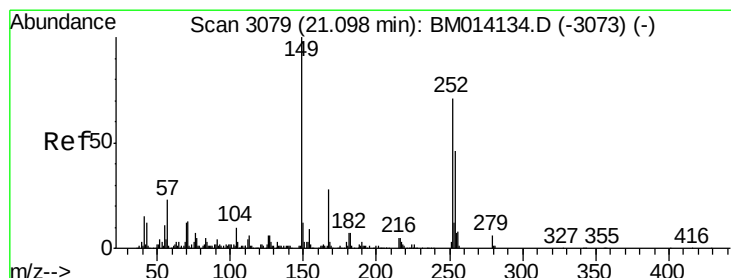
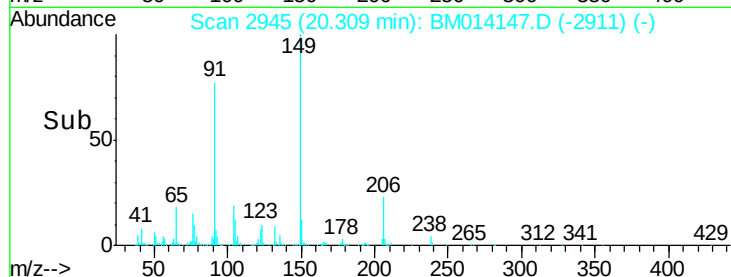
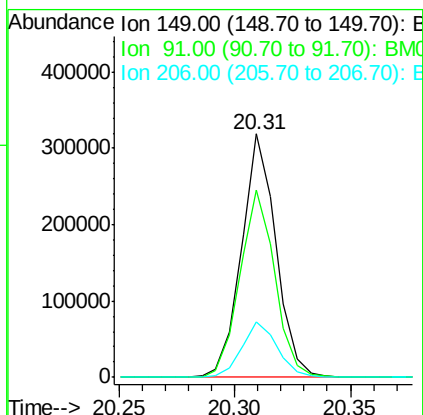
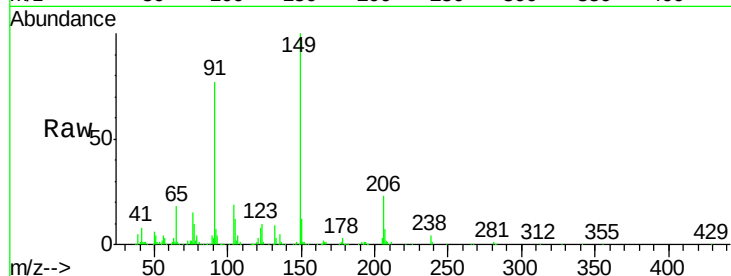




#78
Butylbenzylphthalate
Concen: 19.88 ng/ul
RT: 20.31 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

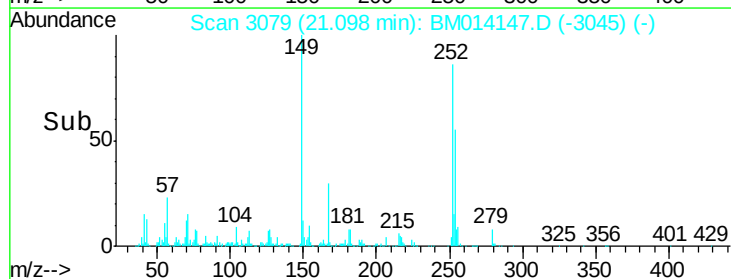
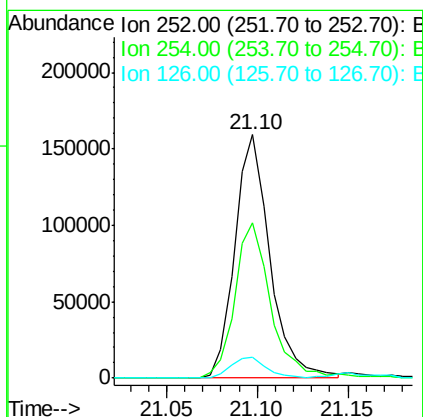
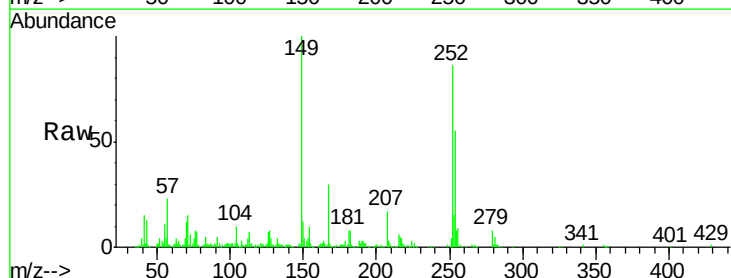
Instrument :
BNA_M
ClientSampleId :
SSTD02029

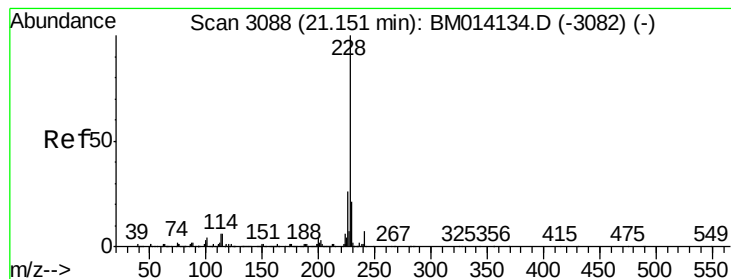
Tgt Ion:149 Resp: 332619
Ion Ratio Lower Upper
149 100
91 76.7 62.7 94.1
206 22.5 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 19.39 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM014147.D
Acq: 03 Feb 2018 11:16

Tgt Ion:252 Resp: 214926
Ion Ratio Lower Upper
252 100
254 63.7 54.5 81.7
126 8.4 5.8 8.8





#80

Benzo(a)anthracene

Concen: 19.38 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

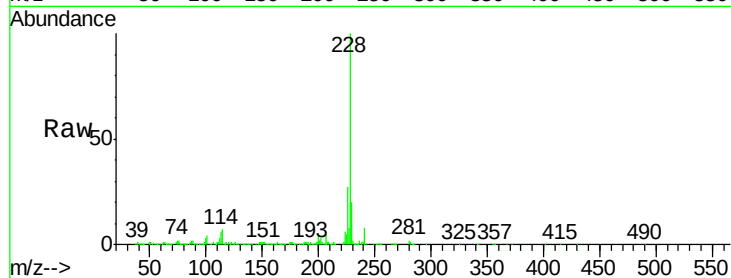
Tgt Ion:228 Resp: 858483

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

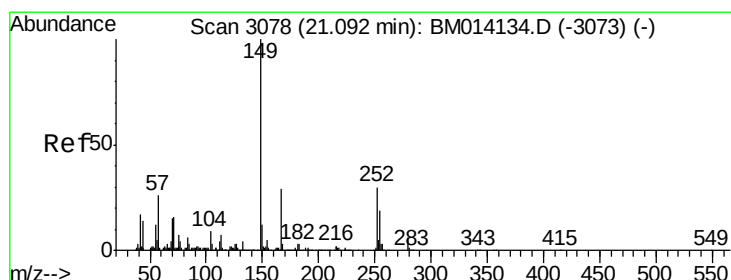
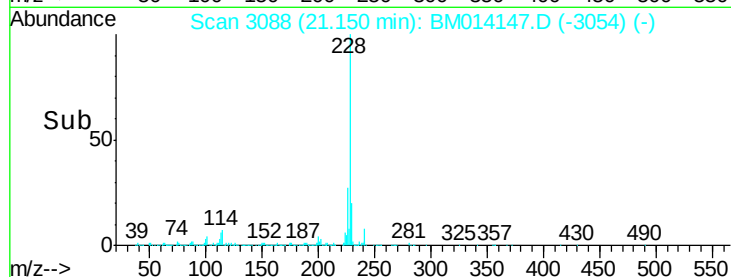
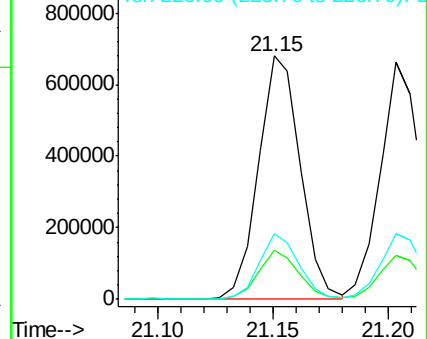
226 27.1 21.4 32.0



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: 19.81 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

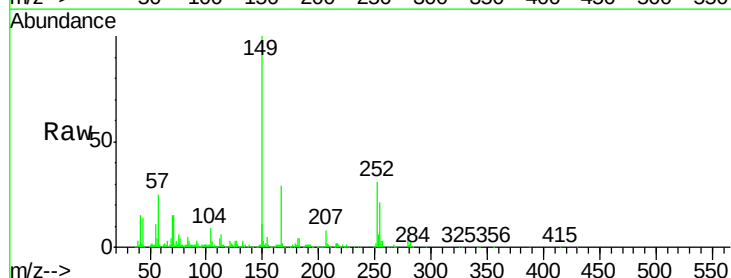
Tgt Ion:149 Resp: 483217

Ion Ratio Lower Upper

149 100

167 29.5 22.8 34.2

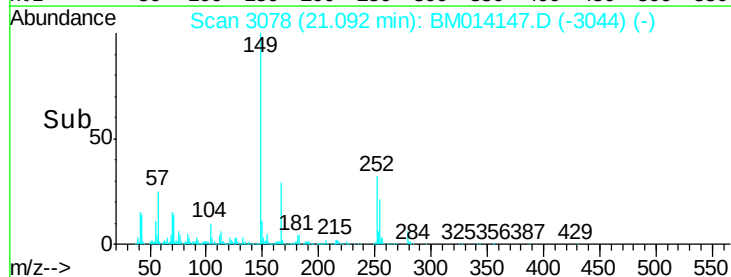
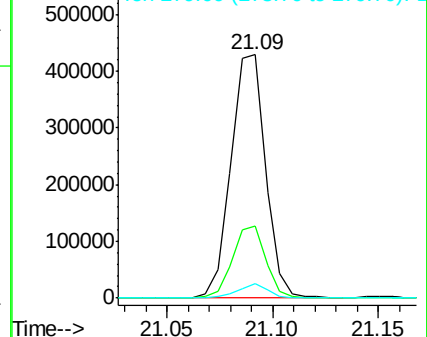
279 5.9 4.9 7.3

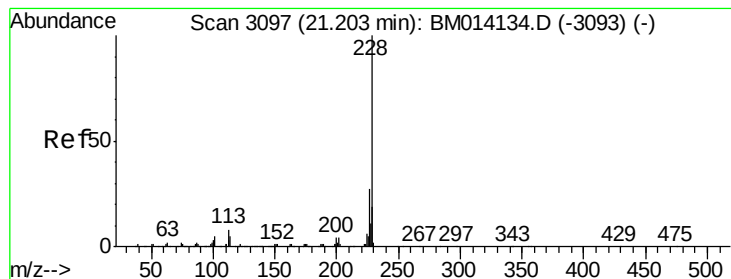


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.60 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

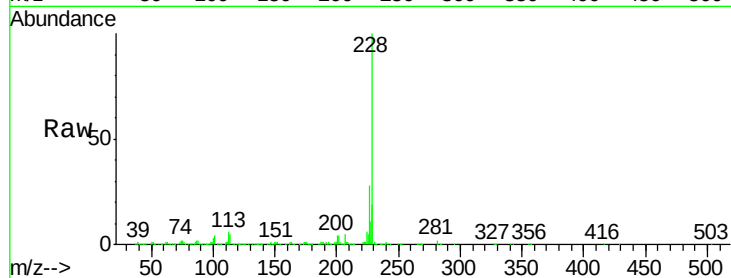
Tgt Ion:228 Resp: 816282

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

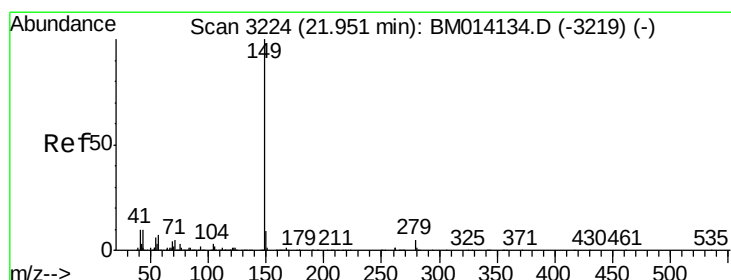
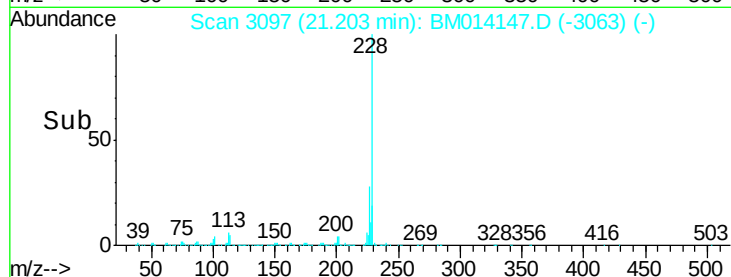
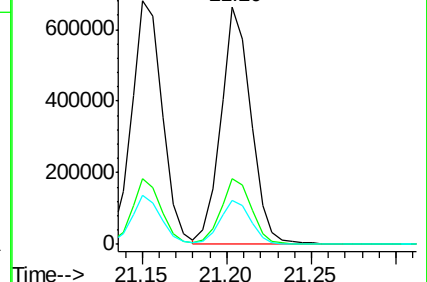
229 18.7 15.5 23.3



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: 19.13 ng/ul

RT: 21.95 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

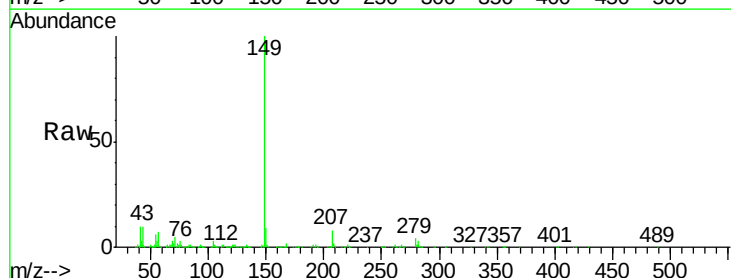
Tgt Ion:149 Resp: 789996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

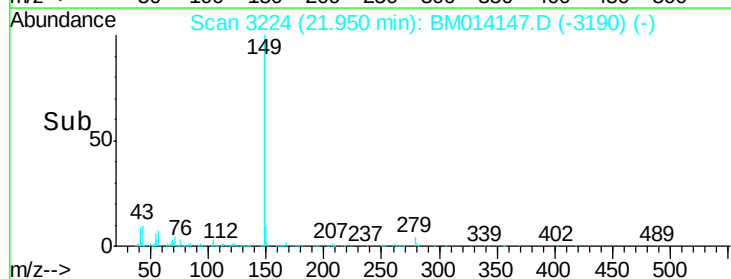
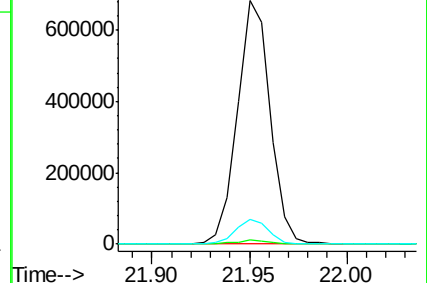
43 10.4 7.3 10.9

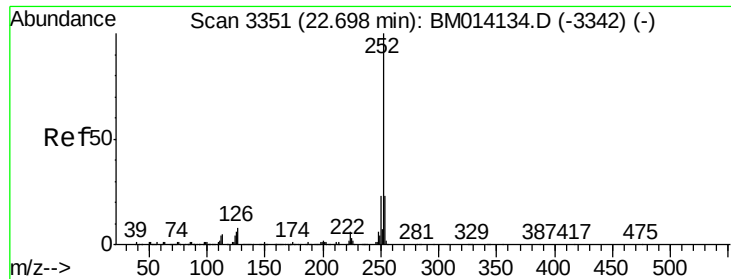


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 20.51 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

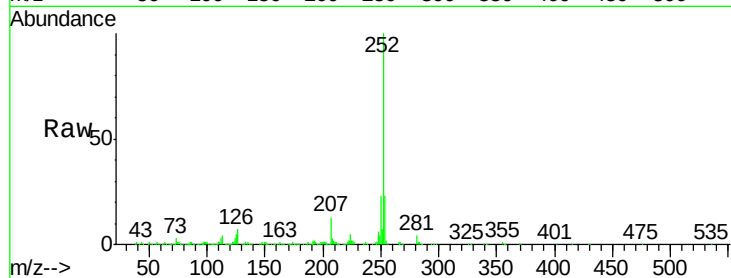
Tgt Ion:252 Resp: 839582

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

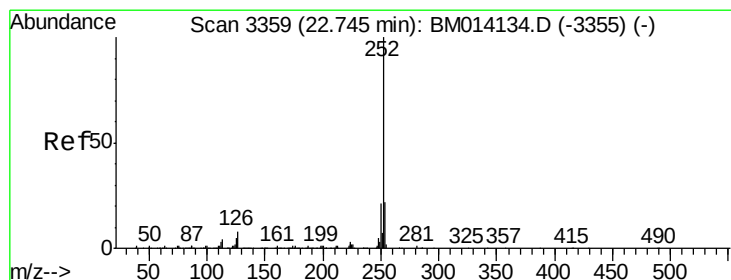
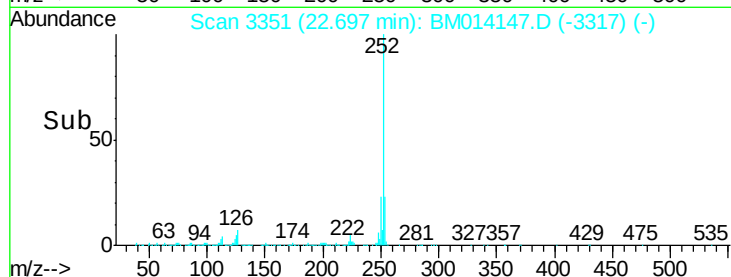
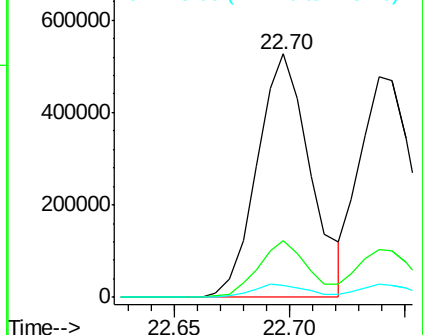
125 4.9 3.6 5.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.86 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. -0.05 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

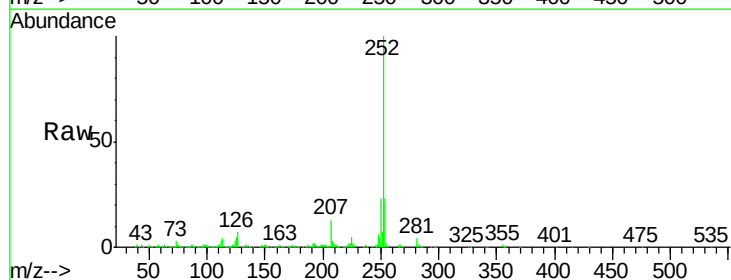
Tgt Ion:252 Resp: 839582

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

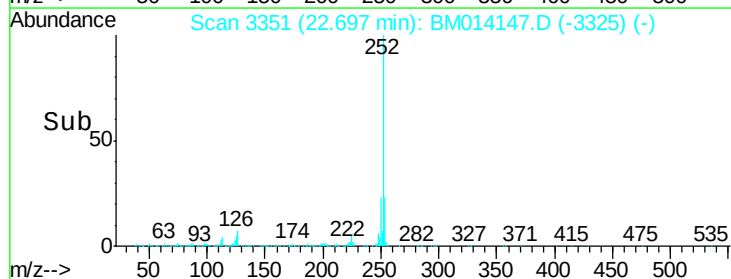
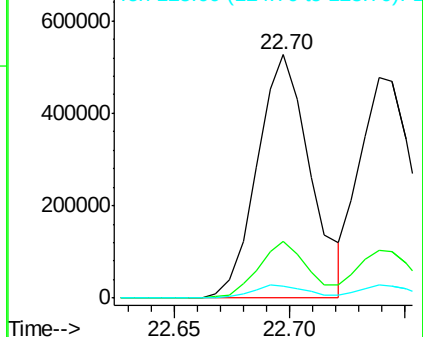
125 4.9 3.4 5.2

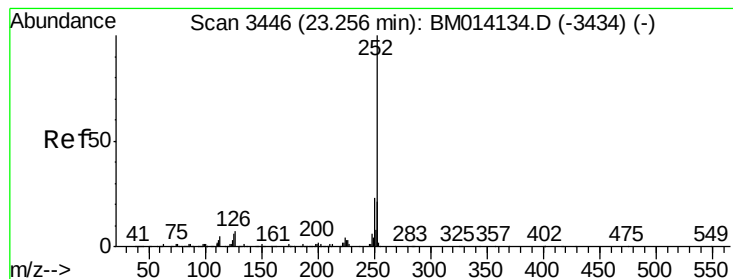


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.67 ng/ul

RT: 23.25 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

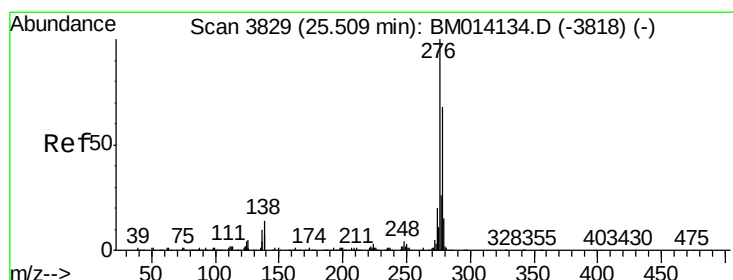
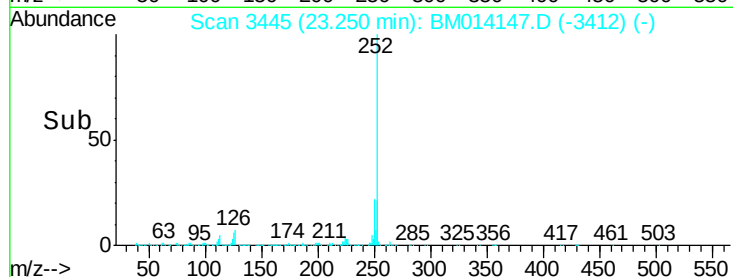
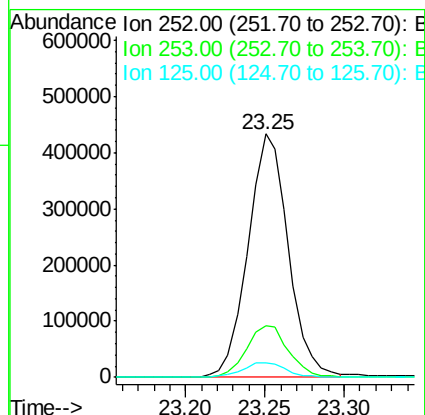
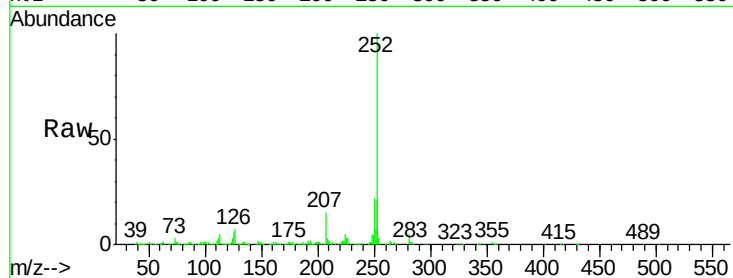
Instrument :

BNA_M

ClientSampleId :

SSTD02029

Tgt Ion:	252	Resp:	758819
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	5.9	4.0	6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.05 ng/ul

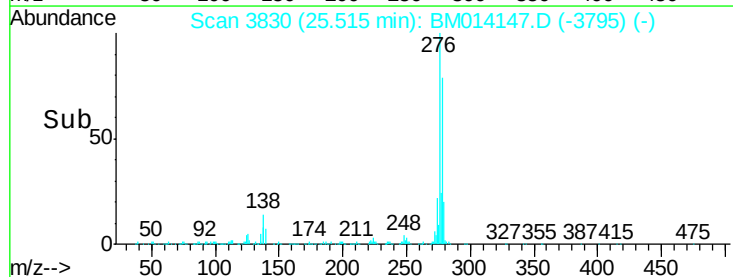
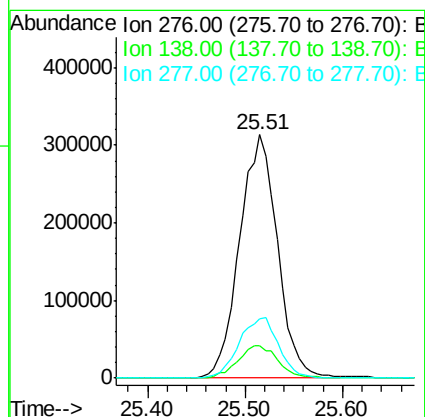
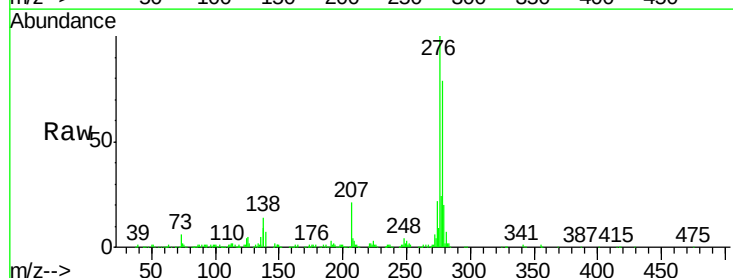
RT: 25.51 min Scan# 3830

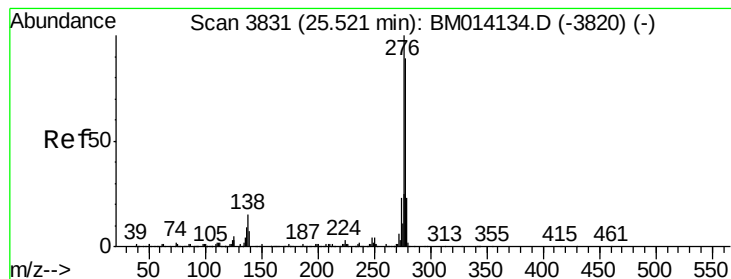
Delta R.T. 0.01 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Tgt Ion:	276	Resp:	847693
Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	24.5	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 20.09 ng/ul

RT: 25.52 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

Instrument :

BNA_M

ClientSampleId :

SSTD02029

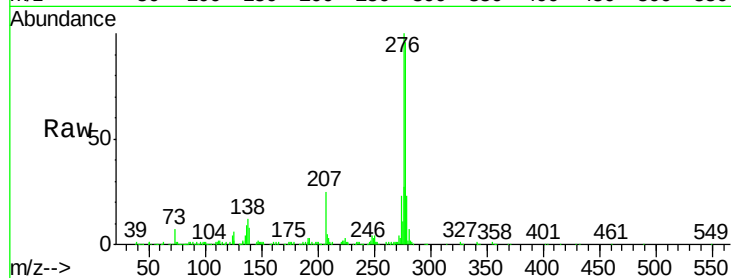
Tgt Ion:278 Resp: 720336

Ion Ratio Lower Upper

278 100

139 8.5 5.8 8.8

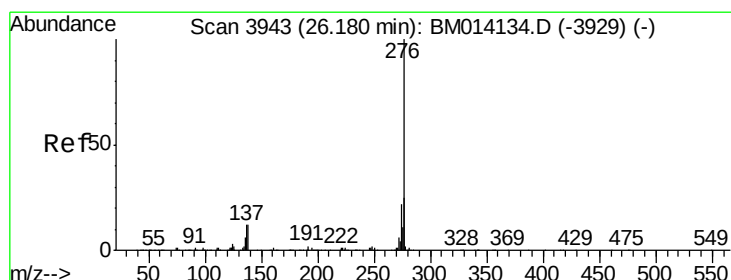
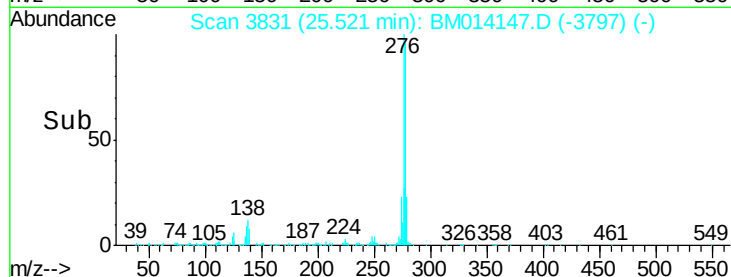
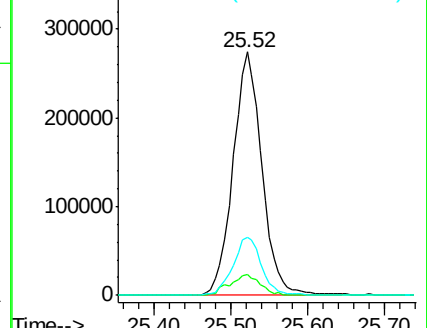
279 23.8 18.6 27.8



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: 20.07 ng/ul

RT: 26.18 min Scan# 3943

Delta R.T. -0.00 min

Lab File: BM014147.D

Acq: 03 Feb 2018 11:16

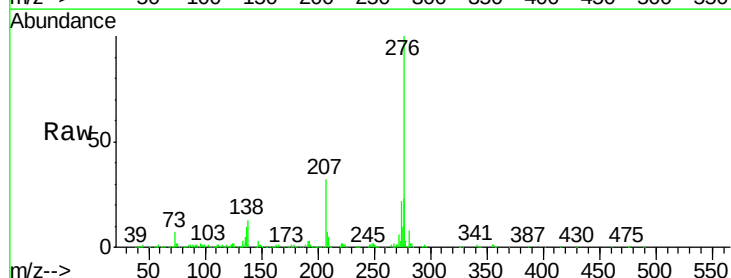
Tgt Ion:276 Resp: 701610

Ion Ratio Lower Upper

276 100

138 12.8 8.5 12.7#

277 22.6 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

