

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015828.D
 Acq On : 07 Jul 2018 07:24
 Operator : SJ/JU
 Sample : J3820-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

Quant Time: Jul 09 00:53:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	120697	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	502868	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	279138	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	595216	20.00	ng	0.00
75) Chrysene-d12	21.76	240	460672	20.00	ng	-0.01
86) Perylene-d12	24.16	264	366449	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.81	112	965998	137.26	ng	0.00
7) Phenol-d6	7.46	99	1121786	116.43	ng	0.00
23) Nitrobenzene-d5	9.50	82	995555	96.59	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	579107	158.78	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2168128	96.43	ng	0.00
78) Terphenyl-d14	20.22	244	2981899	120.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	103216	35.461	ng	# 100
3) Pyridine	4.02	79	251554	32.751	ng	# 79
4) n-Nitrosodimethylamine	3.93	42	239619	40.066	ng	# 45
6) Aniline	7.63	93	190917	16.344	ng	92
8) 2-Chlorophenol	7.87	128	404134	47.845	ng	96
9) Benzaldehyde	7.45	77	116368	19.163	ng	92
10) Phenol	7.49	94	384048	39.669	ng	94
11) bis(2-Chloroethyl)ether	7.72	93	347775	44.160	ng	87
12) 1,3-Dichlorobenzene	8.19	146	416192	44.441	ng	# 90
13) 1,4-Dichlorobenzene	8.34	146	430576	44.461	ng	# 94
14) 1,2-Dichlorobenzene	8.66	146	419691	44.810	ng	# 94
15) Benzyl Alcohol	8.56	79	372793	44.568	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.83	45	545269	63.396	ng	97
17) 2-Methylphenol	8.76	107	312089	46.530	ng	# 87
18) Hexachloroethane	9.39	117	174599	45.595	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	328293	42.397	ng	# 80
20) 3+4-Methylphenols	9.09	107	415500	44.598	ng	89
22) Acetophenone	9.15	105	612761	46.776	ng	# 88
24) Nitrobenzene	9.54	77	502922	50.129	ng	98
25) Isophorone	10.06	82	847750	53.890	ng	# 94
26) 2-Nitrophenol	10.25	139	215640	49.916	ng	# 62
27) 2,4-Dimethylphenol	10.30	122	365821	55.741	ng	86
28) bis(2-Chloroethoxy)methane	10.53	93	490639	47.873	ng	98
29) 2,4-Dichlorophenol	10.79	162	382404	52.610	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	408202	48.351	ng	96
31) Naphthalene	11.19	128	1278512	49.038	ng	100
32) Benzoic acid	10.49	122	209161	35.997	ng	86
33) 4-Chloroaniline	11.30	127	76646	7.211	ng	# 86
34) Hexachlorobutadiene	11.45	225	261818	46.468	ng	98
35) Caprolactam	12.11	113	69987	29.033	ng	# 88
36) 4-Chloro-3-methylphenol	12.41	107	415892	49.866	ng	89
37) 2-Methylnaphthalene	12.77	142	944654	50.934	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	463300	51.713	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	498549	114.540	ng	99

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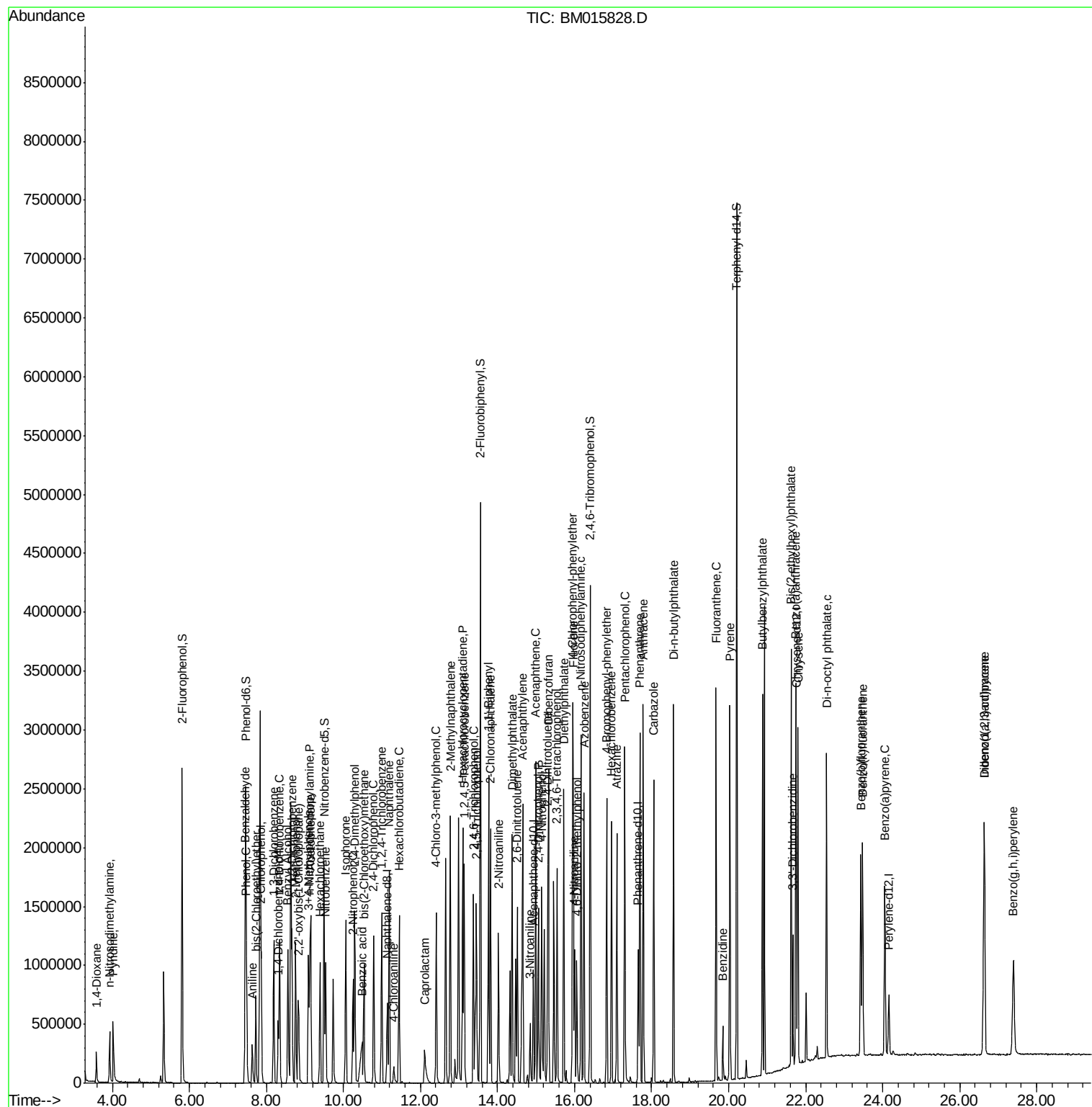
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	304935	53.845	ng	99
43) 2,4,5-Trichlorophenol	13.45	196	321107	52.489	ng	# 85
45) 1,1'-Biphenyl	13.77	154	1189912	49.304	ng	99
46) 2-Chloronaphthalene	13.82	162	919591	50.962	ng	# 91
47) 2-Nitroaniline	14.03	65	312524	49.665	ng	# 81
48) Acenaphthylene	14.66	152	1504302	51.247	ng	99
49) Dimethylphthalate	14.38	163	1194910	48.538	ng	100
50) 2,6-Dinitrotoluene	14.52	165	249900	52.063	ng	# 71
51) Acenaphthene	14.99	154	871269	47.699	ng	97
52) 3-Nitroaniline	14.84	138	102420	19.494	ng	# 79
53) 2,4-Dinitrophenol	15.06	184	246598	100.680	ng	# 89
54) Dibenzofuran	15.32	168	1414691	50.262	ng	# 88
55) 4-Nitrophenol	15.14	139	327537	84.473	ng	# 72
56) 2,4-Dinitrotoluene	15.30	165	353178	50.965	ng	93
57) Fluorene	15.97	166	1155292	49.775	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	278965	54.039	ng	# 100
59) Diethylphthalate	15.72	149	1261304	47.811	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	578002	48.396	ng	# 88
61) 4-Nitroaniline	16.00	138	211876	38.874	ng	# 39
62) Azobenzene	16.24	77	1300381	52.585	ng	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	169185	46.756	ng	87
65) n-Nitrosodiphenylamine	16.17	169	967317	47.429	ng	99
66) 4-Bromophenyl-phenylether	16.84	248	342172	51.487	ng	# 86
67) Hexachlorobenzene	16.96	284	371963	50.088	ng	# 83
68) Atrazine	17.10	200	350778	52.288	ng	98
69) Pentachlorophenol	17.30	266	399155	86.863	ng	98
70) Phenanthrene	17.70	178	1670634	49.060	ng	99
71) Anthracene	17.79	178	1701907	50.892	ng	99
72) Carbazole	18.06	167	1465515	47.028	ng	99
73) Di-n-butylphthalate	18.57	149	2035453	48.460	ng	# 98
74) Fluoranthene	19.67	202	1738410	44.407	ng	99
76) Benzidine	19.85	184	222218	16.464	ng	98
77) Pyrene	20.03	202	1701313	59.287	ng	99
79) Butylbenzylphthalate	20.88	149	786571	56.705	ng	# 84
80) Benzo(a)anthracene	21.74	228	1434962	49.129	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	264403	25.195	ng	99
82) Chrysene	21.80	228	1323030	48.626	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1066497	52.035	ng	95
84) Di-n-octyl phthalate	22.54	149	1558571	46.636	ng	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1272018	50.319	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1211560	49.521	ng	# 96
88) Benzo(k)fluoranthene	23.48	252	1129058	47.507	ng	98
89) Benzo(a)pyrene	24.06	252	1089199	50.574	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1085543	56.022	ng	97
91) Benzo(g,h,i)perylene	27.40	276	1019435	59.877	ng	95

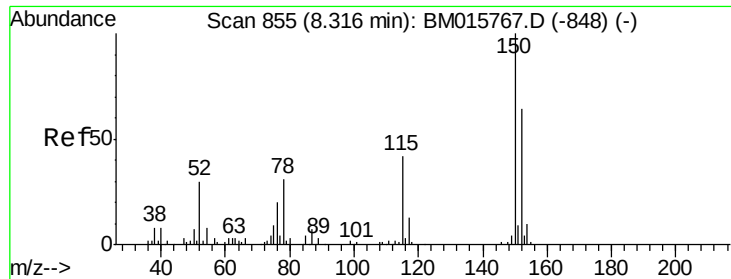
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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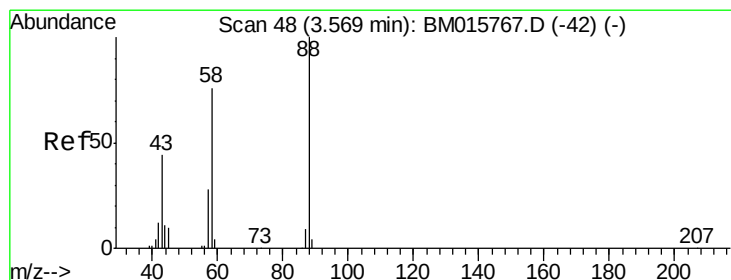
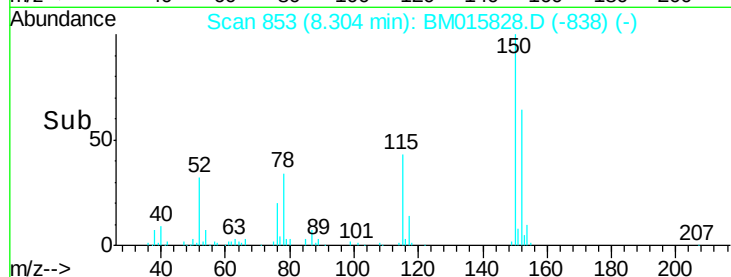
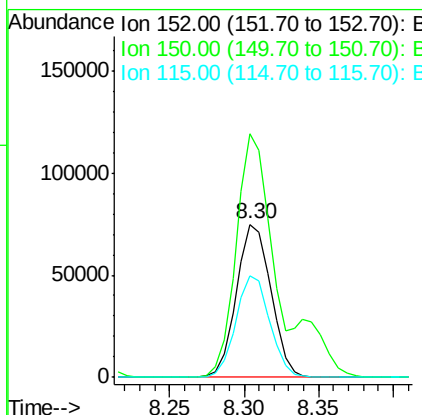
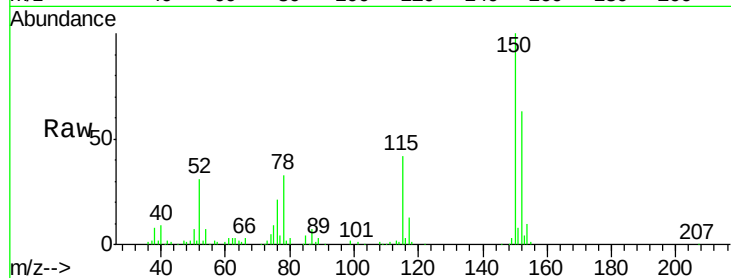


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Instrument :
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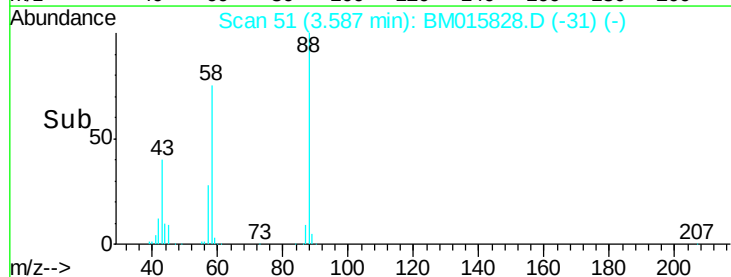
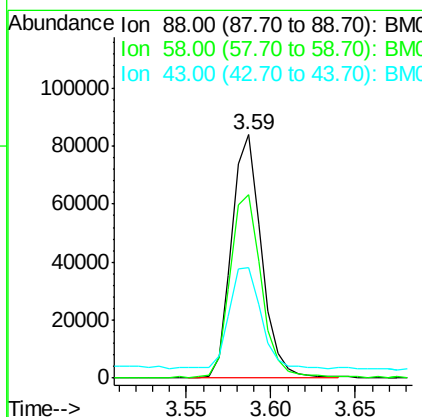
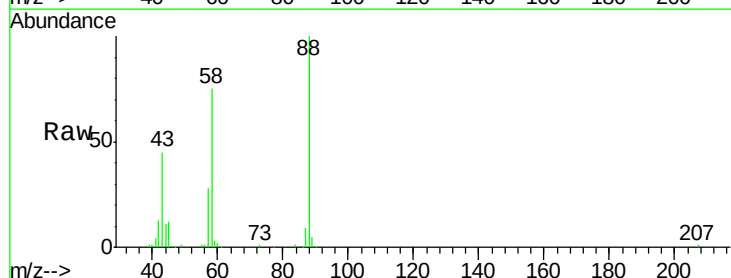
Tgt Ion:152 Resp: 120697
Ion Ratio Lower Upper
152 100
150 159.1 119.5 179.3
115 66.5 43.0 64.4#

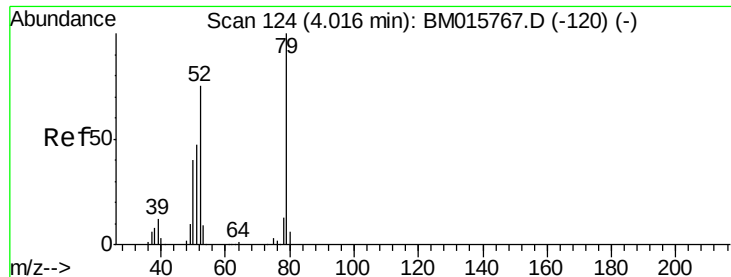


#2

1,4-Dioxane
Concen: 35.461 ng
RT: 3.59 min Scan# 51
Delta R.T. 0.02 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion: 88 Resp: 103216
Ion Ratio Lower Upper
88 100
58 79.9 0.0 0.0#
43 45.1 0.0 0.0#





#3

Pyridine

Concen: 32.751 ng

RT: 4.02 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

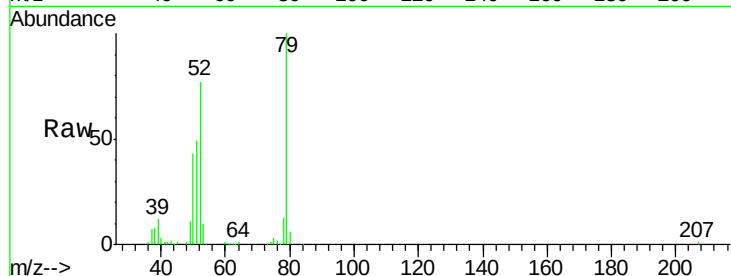
Tgt Ion: 79 Resp: 251554

Ion Ratio Lower Upper

79 100

52 77.2 51.1 76.7#

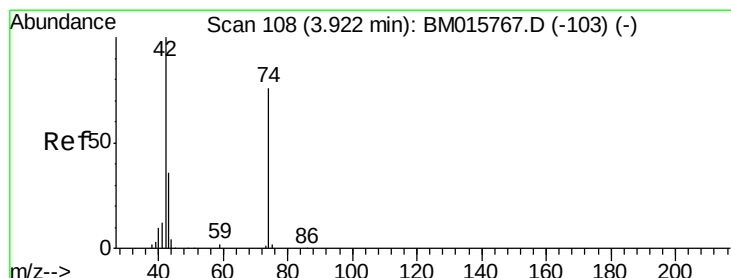
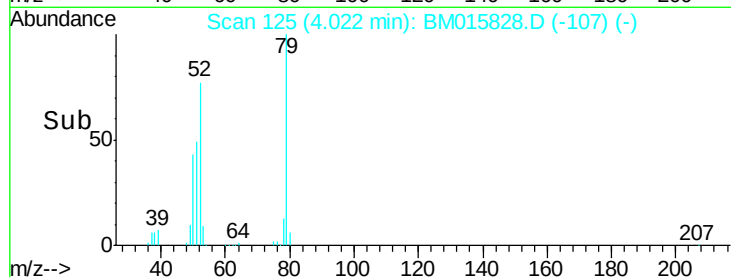
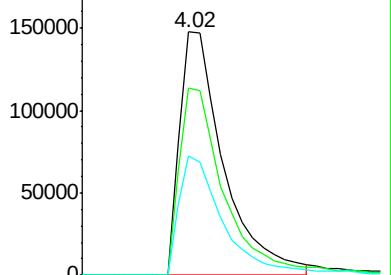
51 49.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM015767.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM015767.D (-120) (-)



#4

n-Nitrosodimethylamine

Concen: 40.066 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

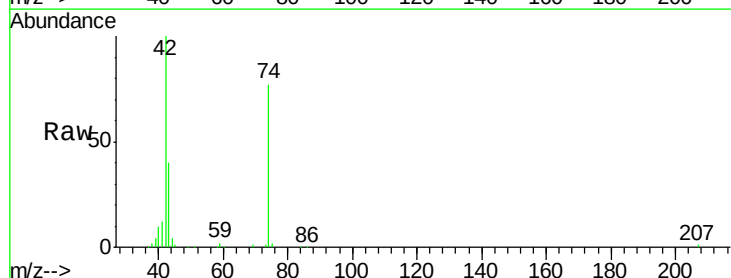
Tgt Ion: 42 Resp: 239619

Ion Ratio Lower Upper

42 100

74 76.7 119.3 178.9#

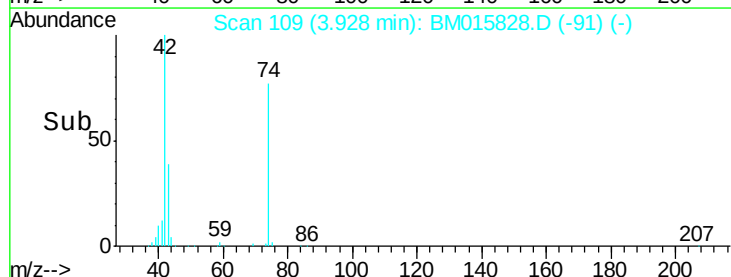
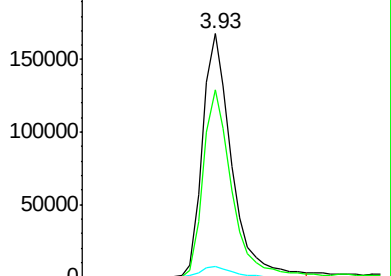
44 4.4 5.4 8.2#

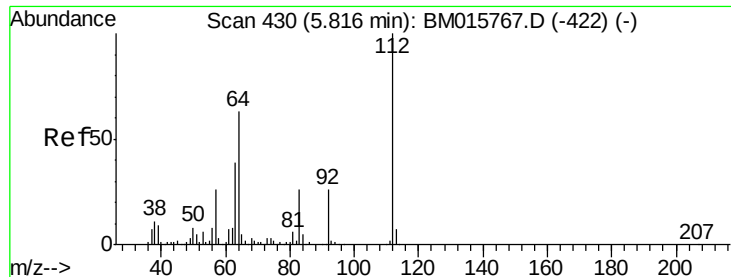


Abundance Ion 42.00 (41.70 to 42.70): BM015767.D (-103) (-)

Ion 74.00 (73.70 to 74.70): BM015767.D (-103) (-)

Ion 44.00 (43.70 to 44.70): BM015767.D (-103) (-)





#5

2-Fluorophenol

Concen: 40.066 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015828.D

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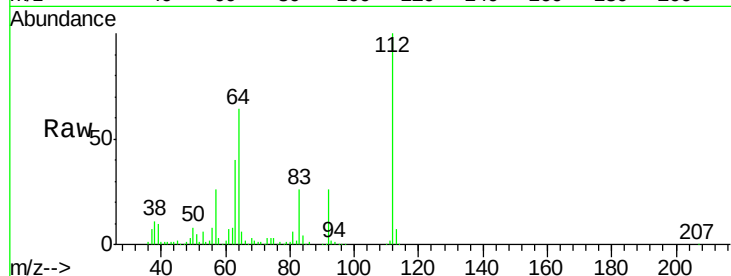
Tgt Ion: 112 Resp: 965998

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

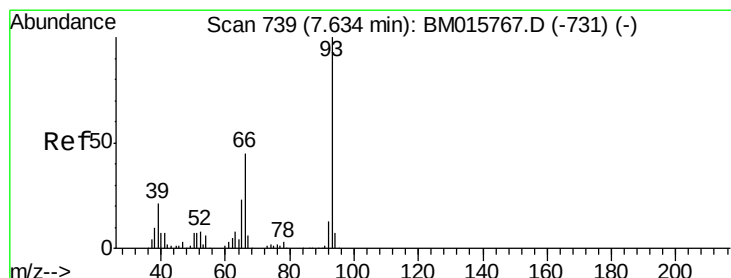
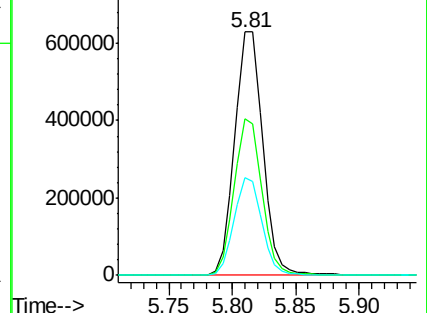
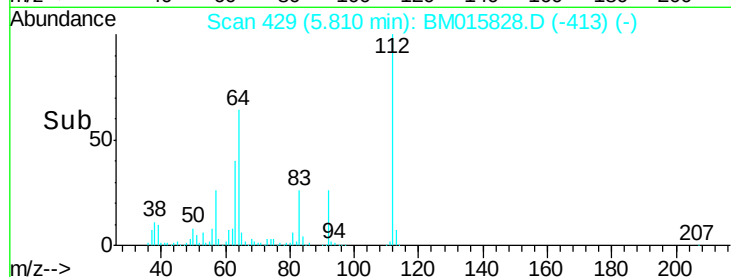
63 39.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.344 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

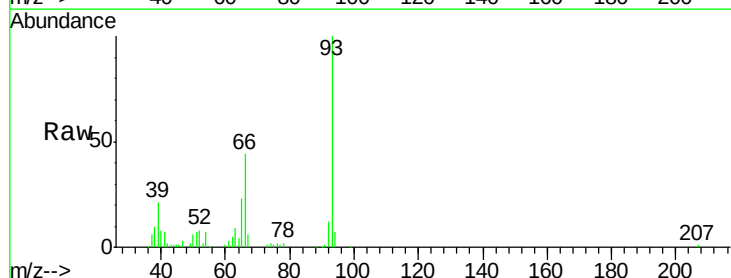
Tgt Ion: 93 Resp: 190917

Ion Ratio Lower Upper

93 100

66 43.8 30.8 46.2

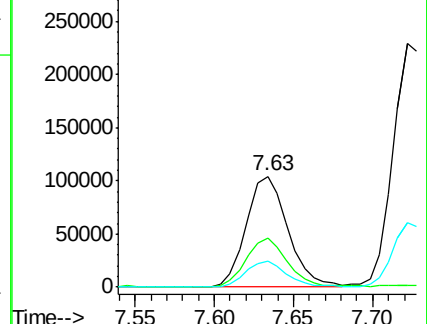
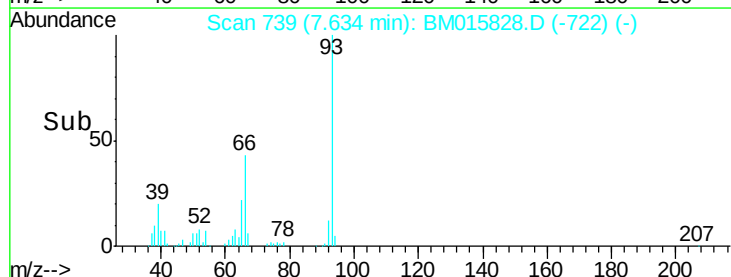
65 23.1 16.0 24.0

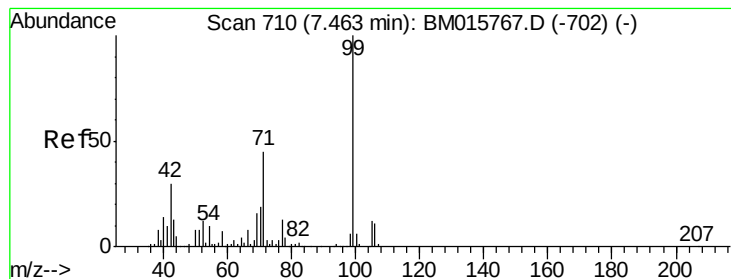


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 16.344 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

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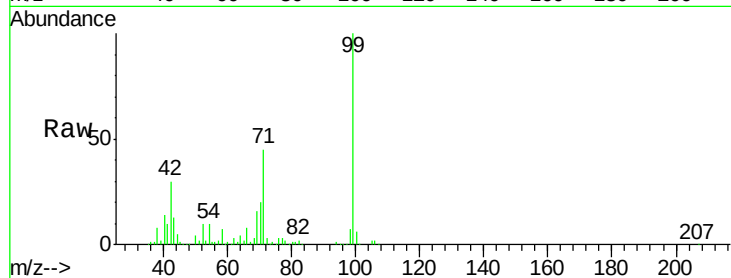
Tgt Ion: 99 Resp: 1121786

Ion Ratio Lower Upper

99 100

42 30.1 11.0 16.4#

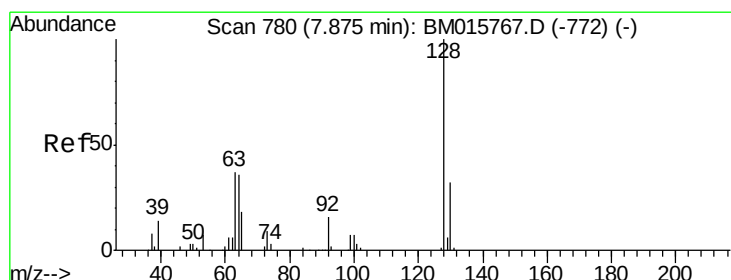
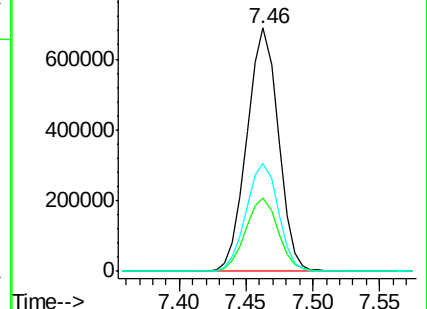
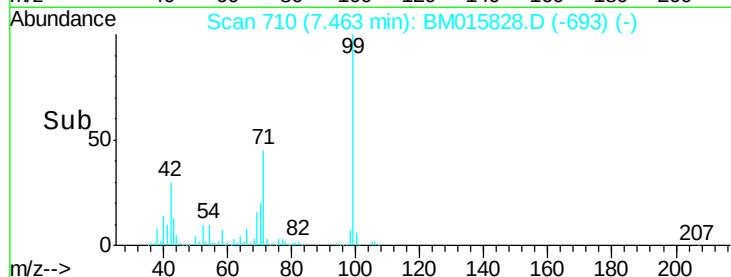
71 44.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015828.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015828.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015828.D (-693) (-)



#8

2-Chlorophenol

Concen: 47.845 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

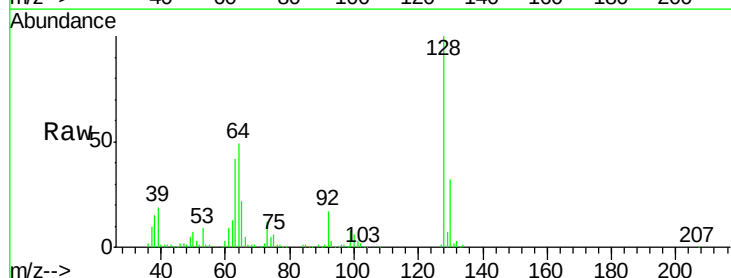
Tgt Ion: 128 Resp: 404134

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

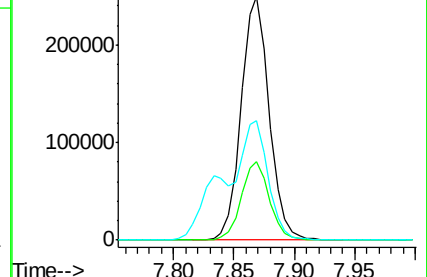
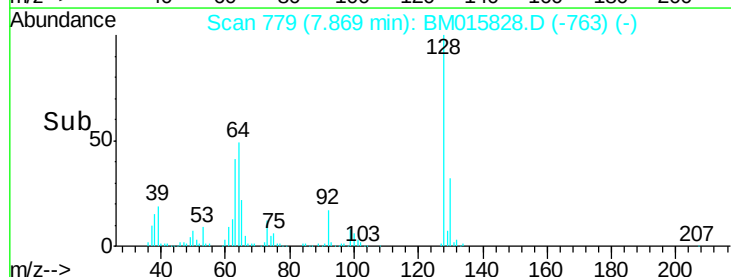
64 48.9 24.9 64.9

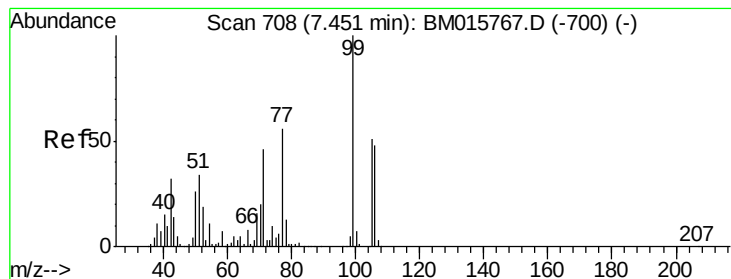


Abundance Ion 128.00 (127.70 to 128.70): BM015828.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015828.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015828.D (-763) (-)





#9

Benzaldehyde

Concen: 19.163 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

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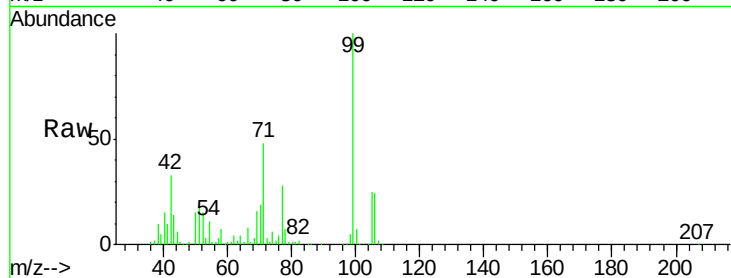
Tgt Ion: 77 Resp: 116368

Ion Ratio Lower Upper

77 100

105 89.2 78.8 118.8

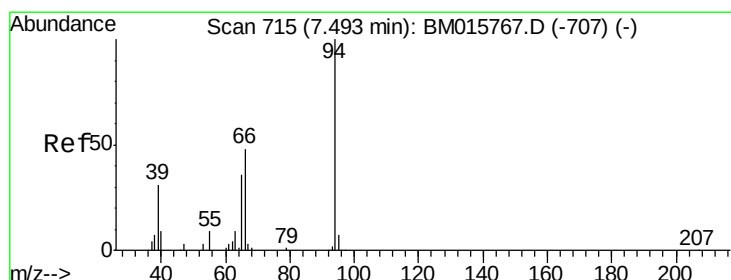
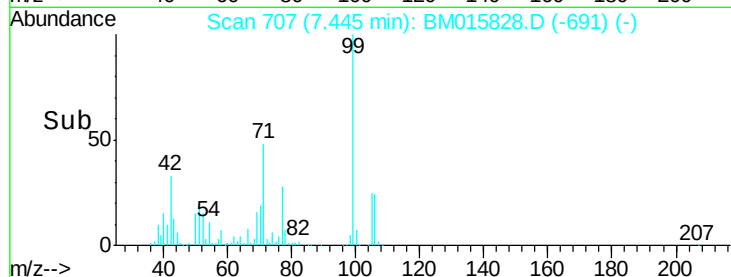
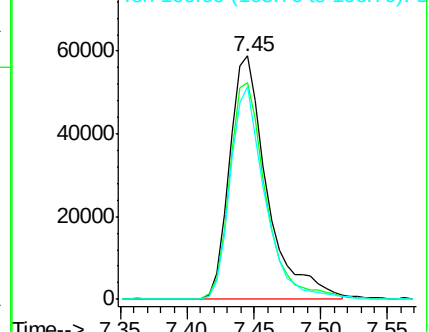
106 87.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015828.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015828.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015828.D (-691) (-)



#10

Phenol

Concen: 39.669 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

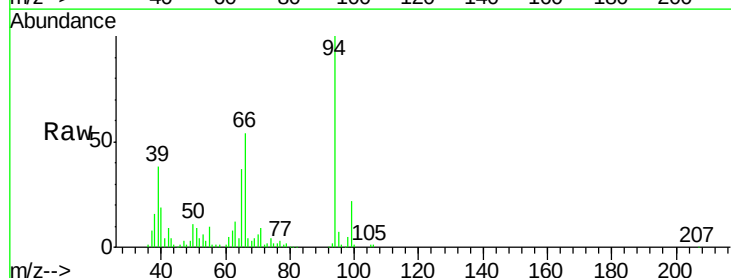
Tgt Ion: 94 Resp: 384048

Ion Ratio Lower Upper

94 100

65 37.3 18.8 58.8

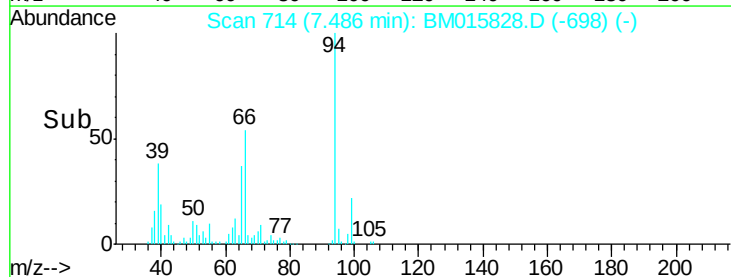
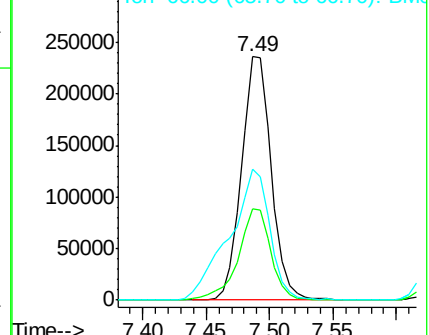
66 53.6 39.9 79.9

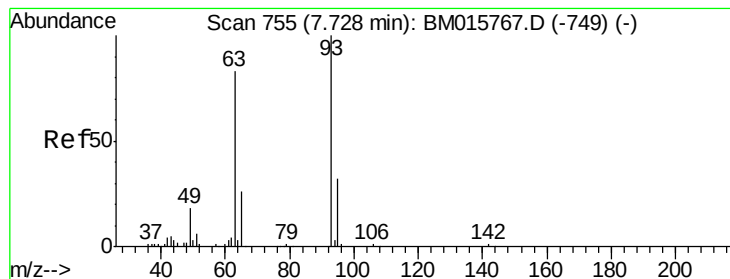


Abundance Ion 94.00 (93.70 to 94.70): BM015828.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015828.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015828.D (-698) (-)

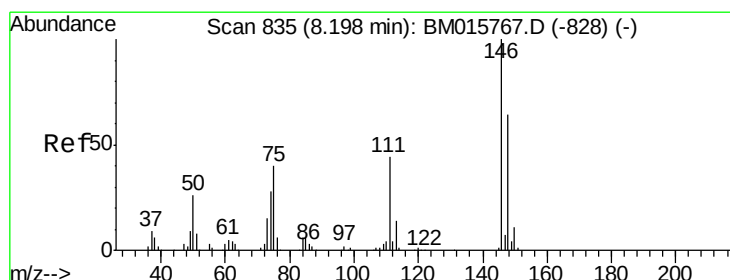
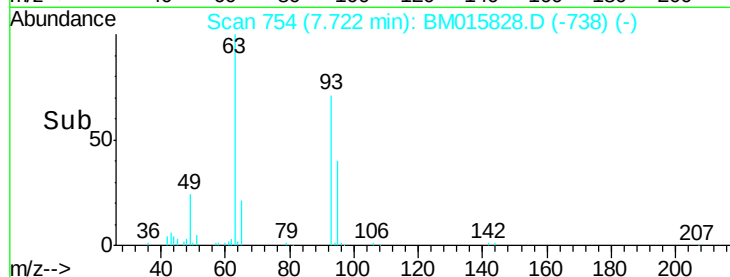
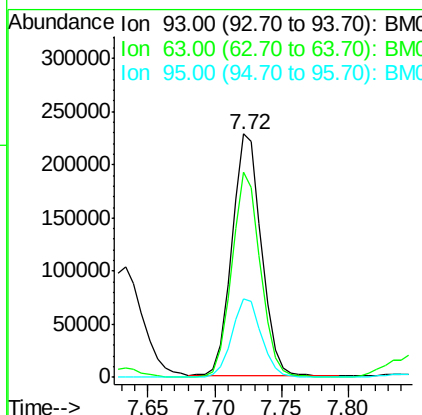
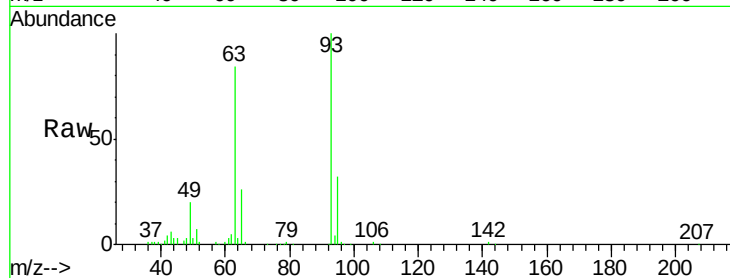




#11
 bis(2-Chloroethyl)ether
 Concen: 44.160 ng
 RT: 7.72 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

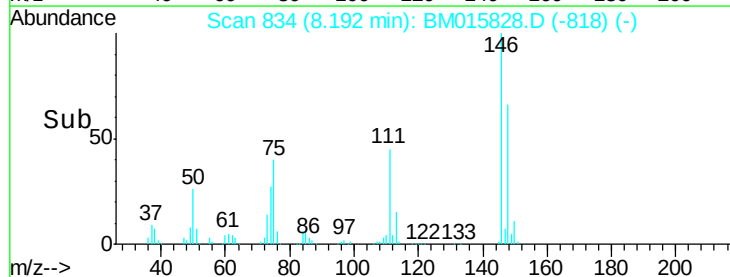
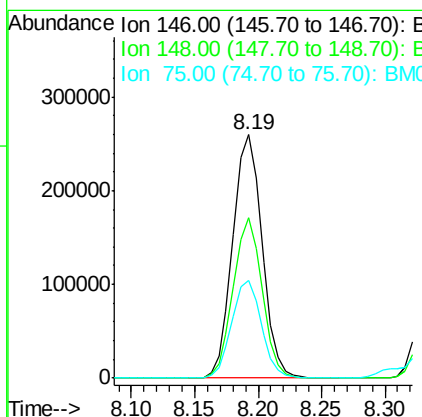
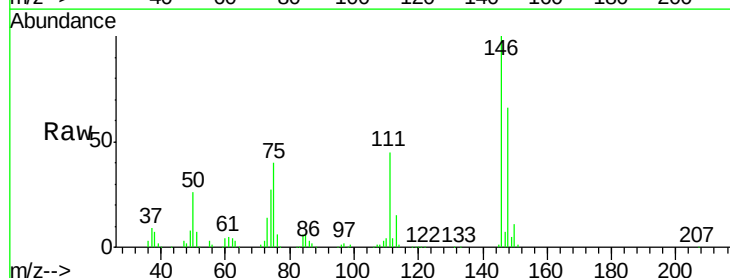
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

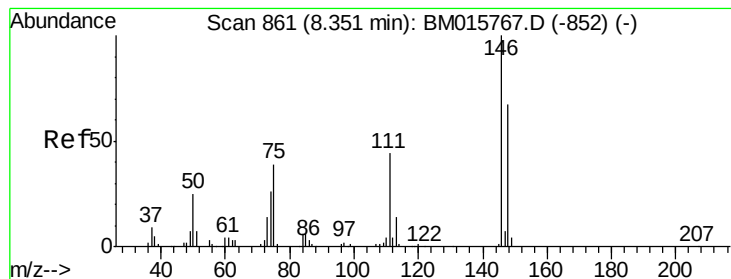
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.2	49.5	89.5
95	32.0	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 44.441 ng
 RT: 8.19 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
75	40.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 44.461 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

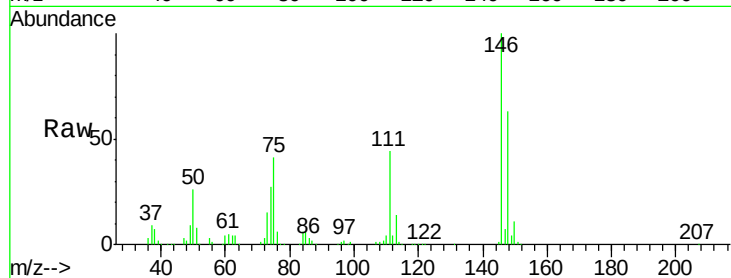
Tgt Ion:146 Resp: 430576

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

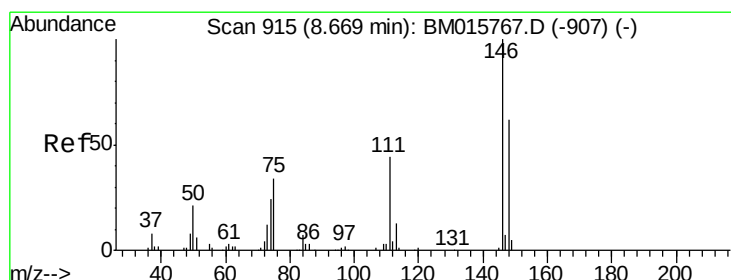
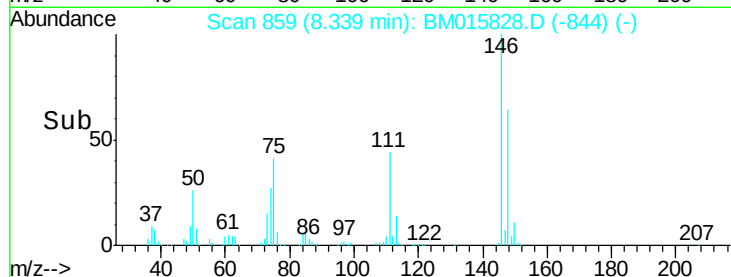
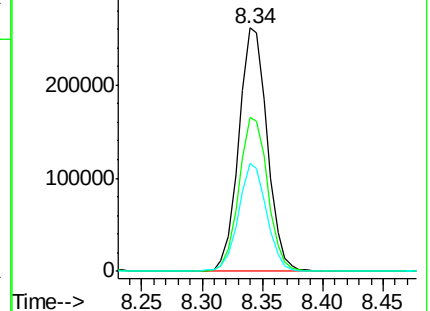
111 44.2 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.810 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

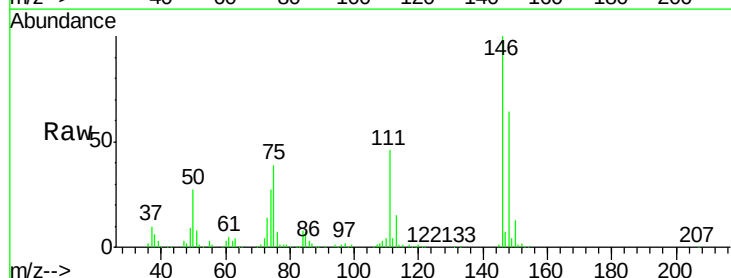
Tgt Ion:146 Resp: 419691

Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

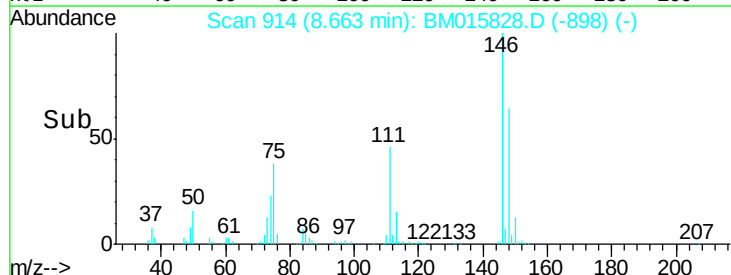
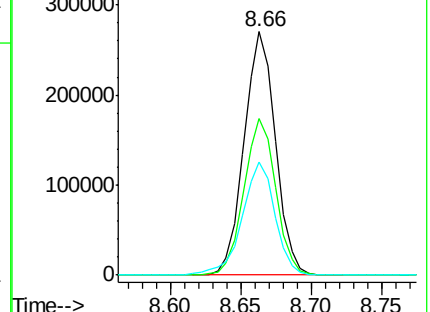
111 46.4 30.6 45.8#

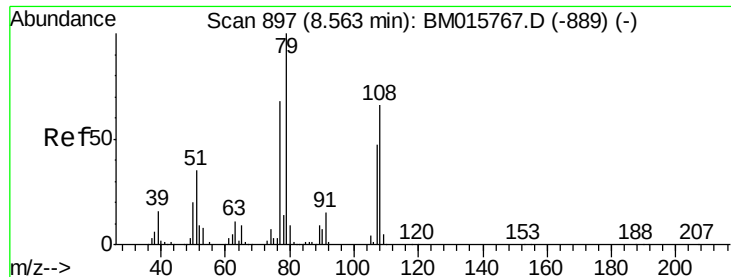


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.568 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

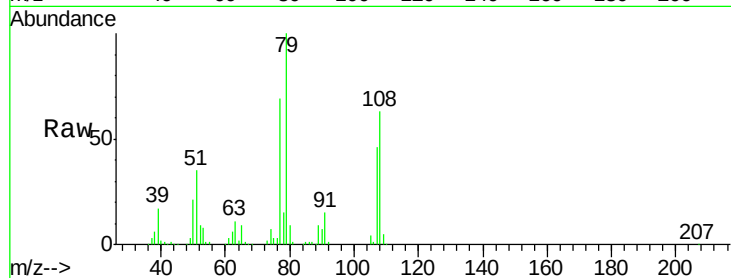
Tgt Ion: 79 Resp: 372793

Ion Ratio Lower Upper

79 100

108 62.6 65.0 97.4#

77 69.1 53.0 79.6

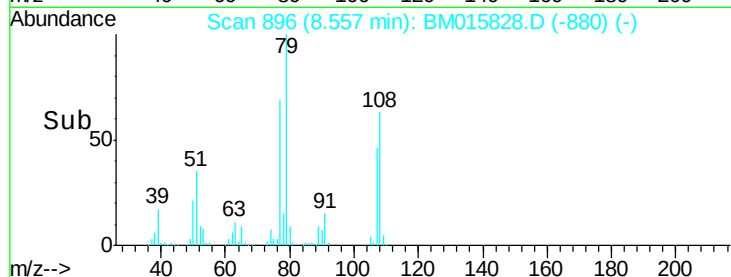


Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015767.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-889) (-)

Time-->

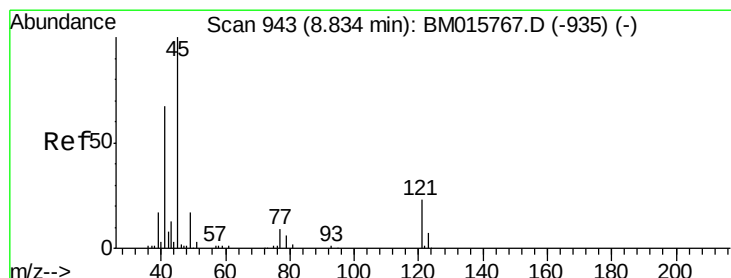


Abundance Ion 79.00 (78.70 to 79.70): BM015828.D (-880) (-)

Ion 108.00 (107.70 to 108.70): BM015828.D (-880) (-)

Ion 77.00 (76.70 to 77.70): BM015828.D (-880) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.396 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

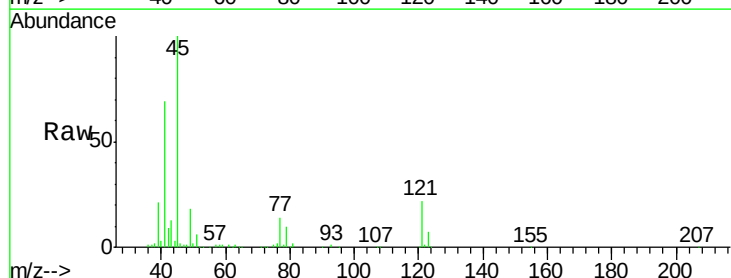
Tgt Ion: 45 Resp: 545269

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

79 10.3 0.0 32.0

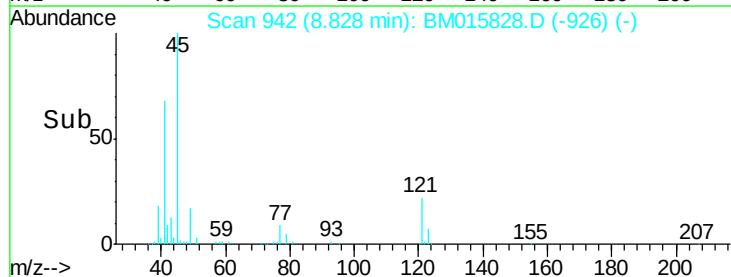


Abundance Ion 45.00 (44.70 to 45.70): BM015767.D (-935) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-935) (-)

Ion 79.00 (78.70 to 79.70): BM015767.D (-935) (-)

Time-->

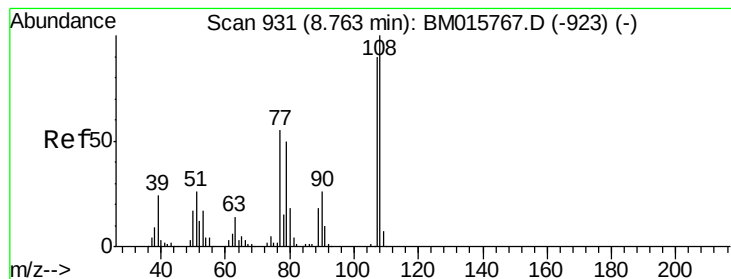


Abundance Ion 45.00 (44.70 to 45.70): BM015828.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015828.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015828.D (-926) (-)

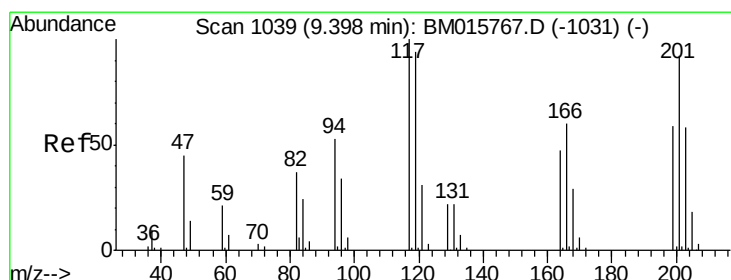
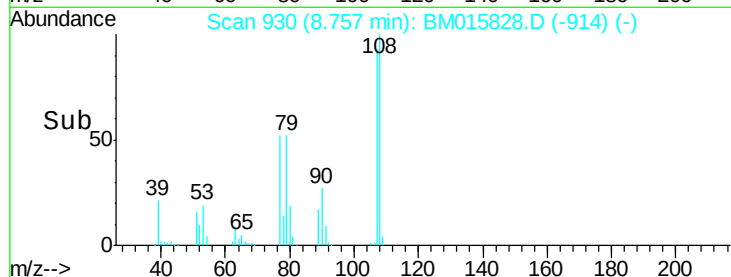
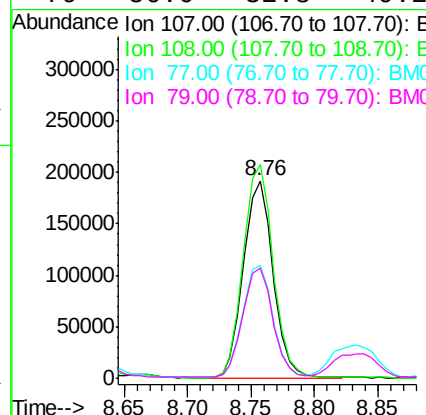
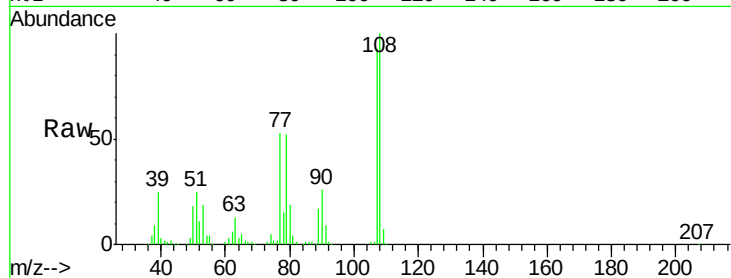
Time-->



#17
 2-Methylphenol
 Concen: 46.530 ng
 RT: 8.76 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

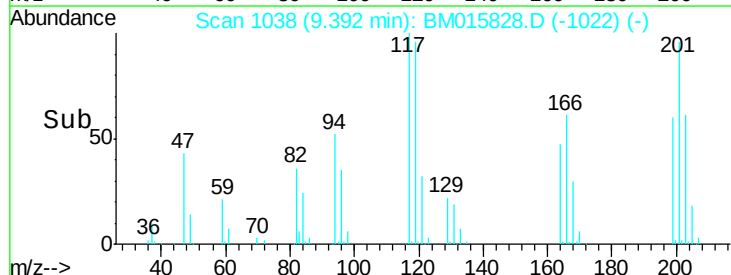
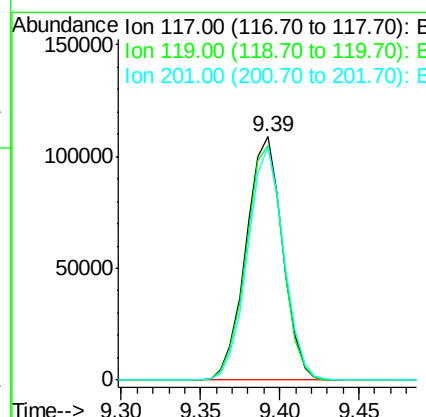
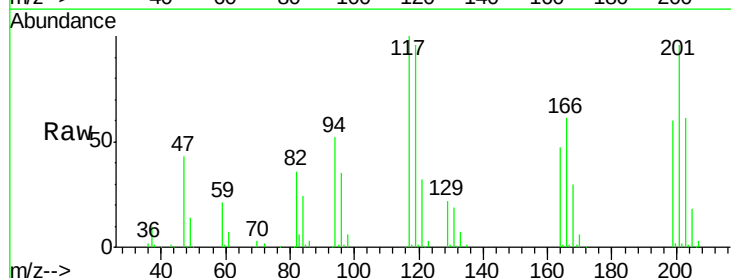
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

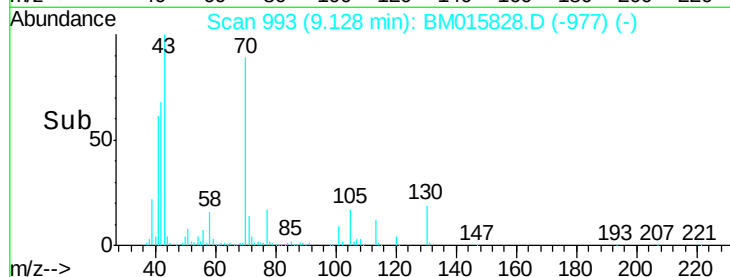
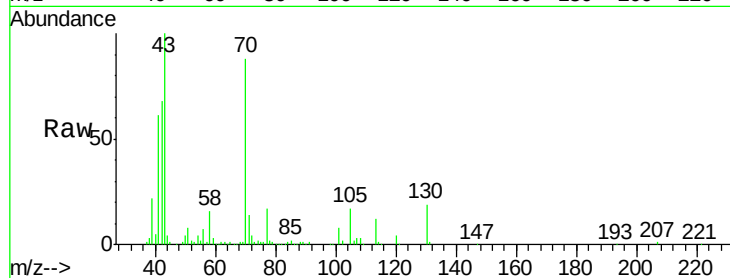
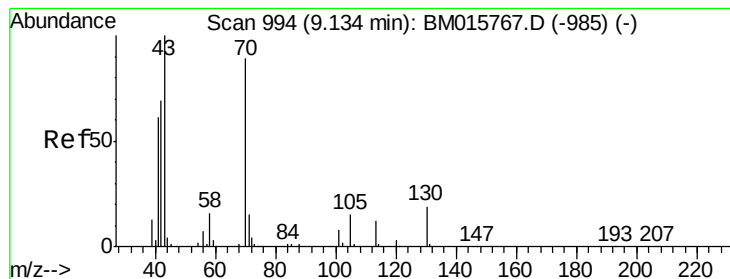
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.1	89.8	134.8
77	56.8	32.6	48.8#
79	56.0	32.8	49.2#



#18
 Hexachloroethane
 Concen: 45.595 ng
 RT: 9.39 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.2	118.8
201	95.7	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.397 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

Tgt Ion: 70 Resp: 328293

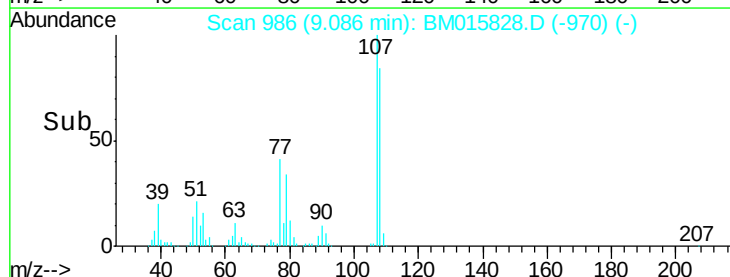
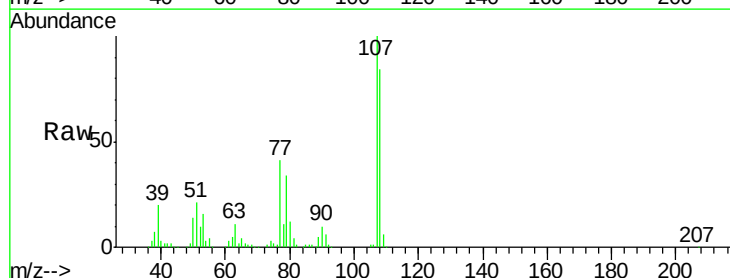
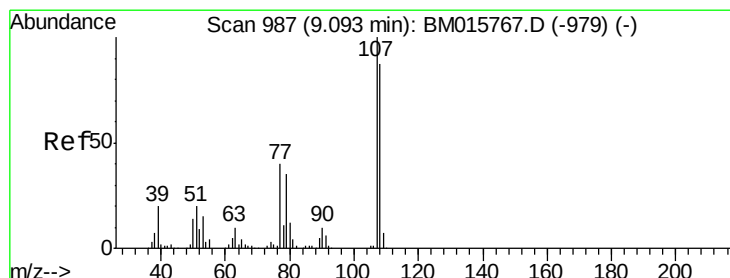
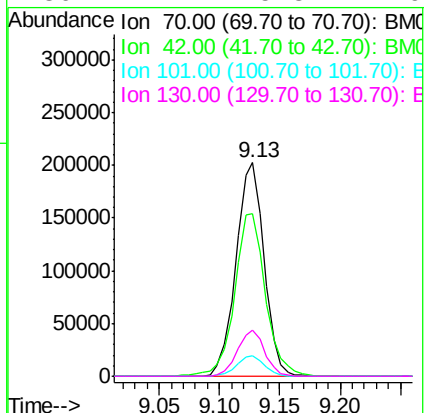
Ion Ratio Lower Upper

70 100

42 76.4 44.5 66.7#

101 9.6 7.4 11.2

130 21.4 15.3 22.9



#20

3+4-Methylphenols

Concen: 44.598 ng

RT: 9.09 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Tgt Ion: 107 Resp: 415500

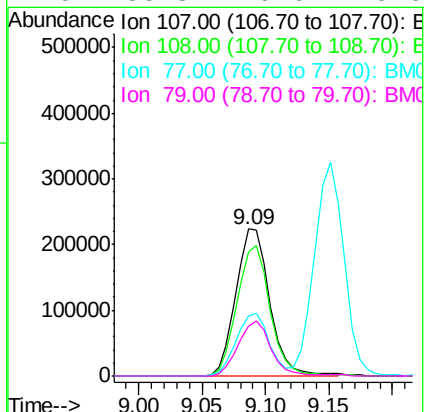
Ion Ratio Lower Upper

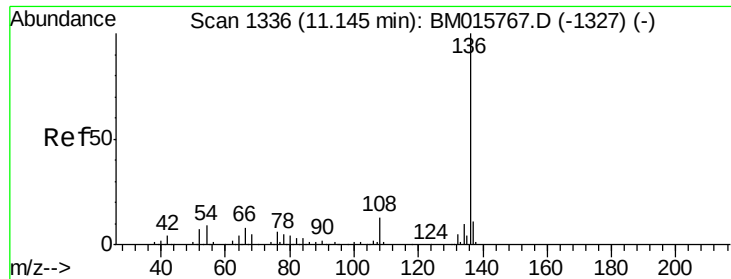
107 100

108 84.5 73.2 113.2

77 41.3 10.7 50.7

79 33.8 9.6 49.6

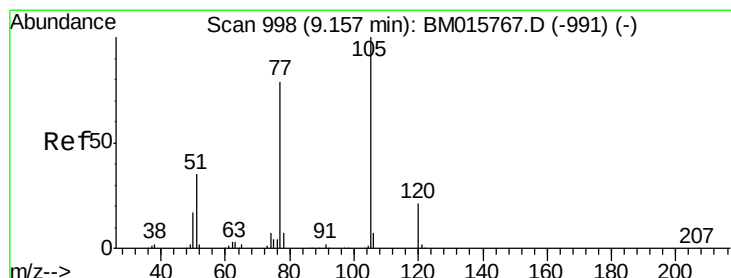
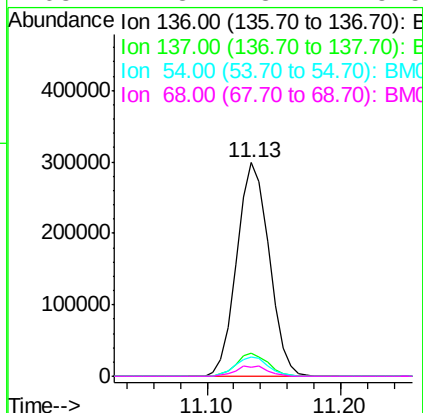
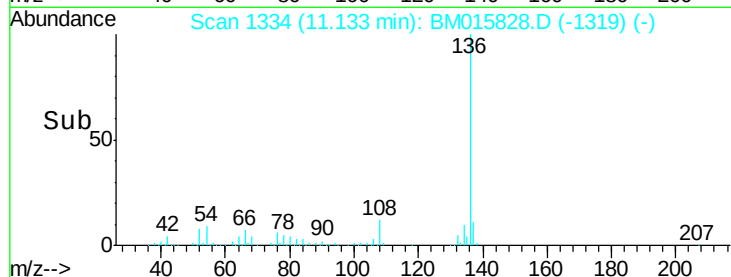
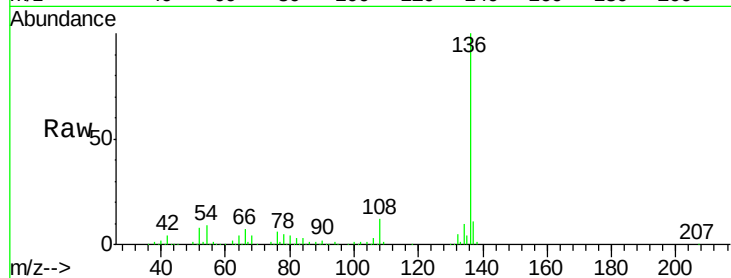




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

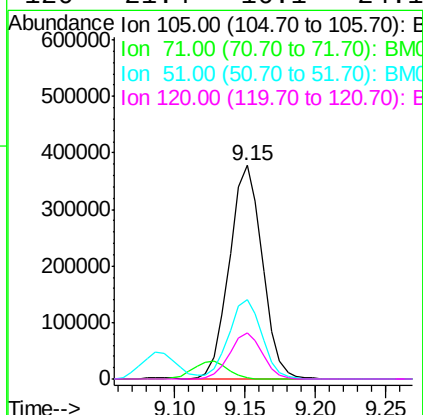
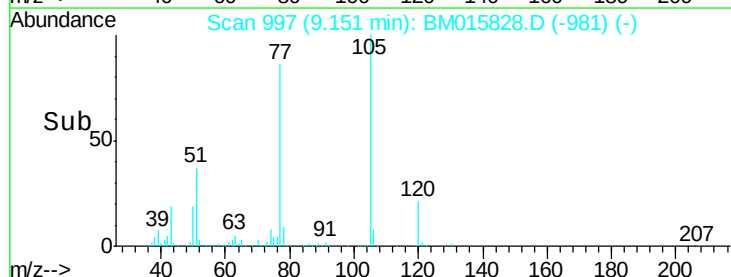
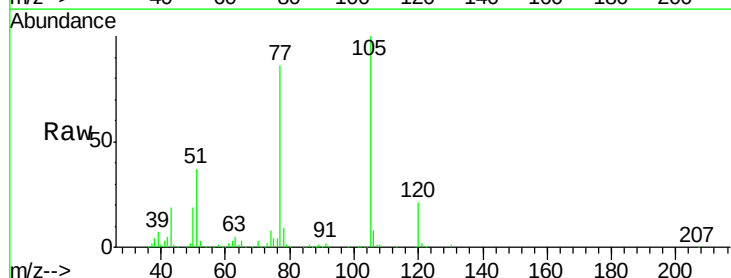
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

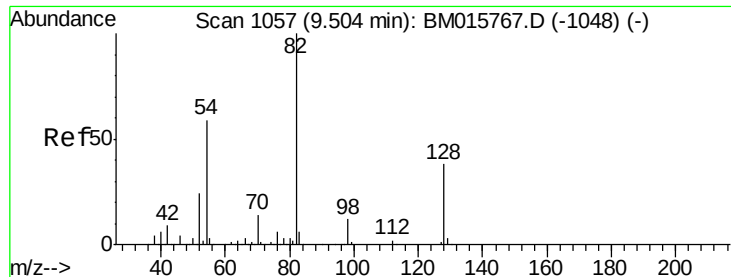
Tgt Ion:	136	Resp:	502868
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.2	4.6	6.8#
68	4.3	3.7	5.5



#22
Acetophenone
Concen: 46.776 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:	105	Resp:	612761
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	37.4	21.6	32.4#
120	21.4	16.1	24.1

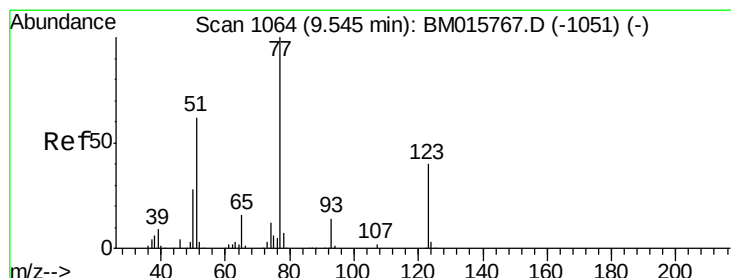
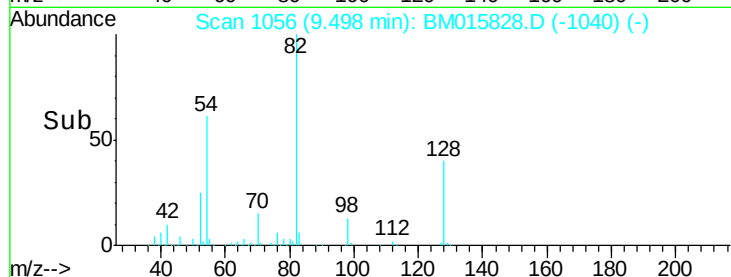
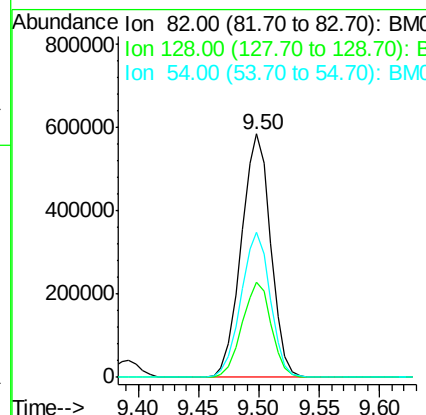
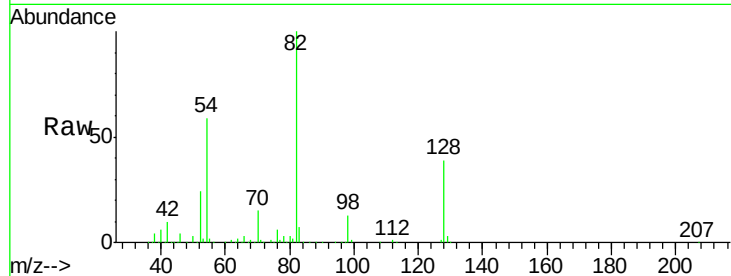




#23
 Nitrobenzene-d5
 Concen: 46.776 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

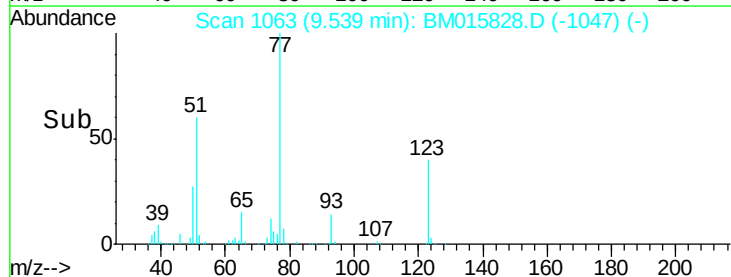
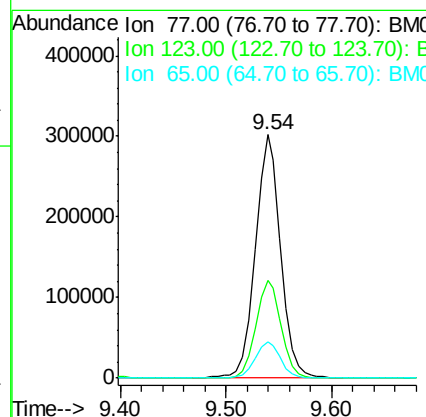
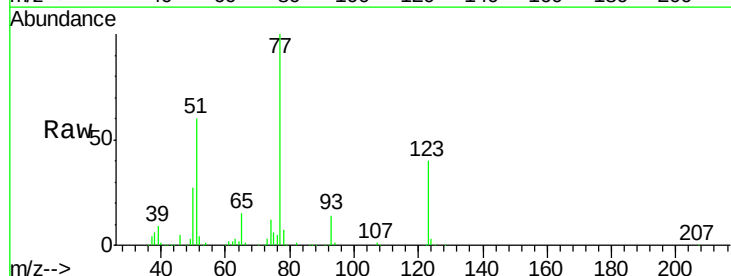
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

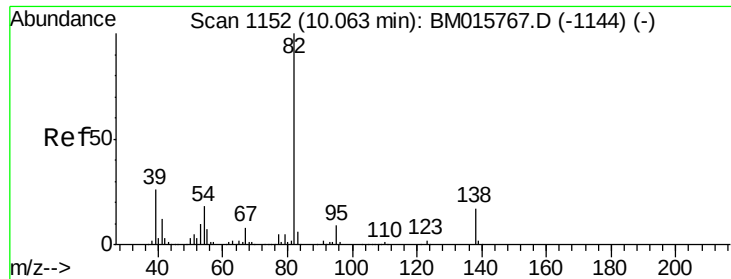
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.8	49.2
54	59.4	40.6	60.8



#24
 Nitrobenzene
 Concen: 50.129 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	32.6	49.0
65	15.0	10.9	16.3





#25

Isophorone

Concen: 53.890 ng

RT: 10.06 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

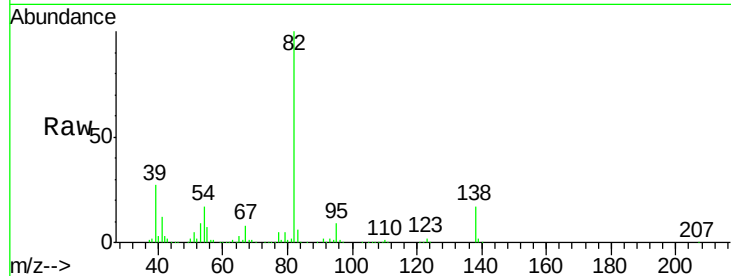
Tgt Ion: 82 Resp: 847750

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.6#

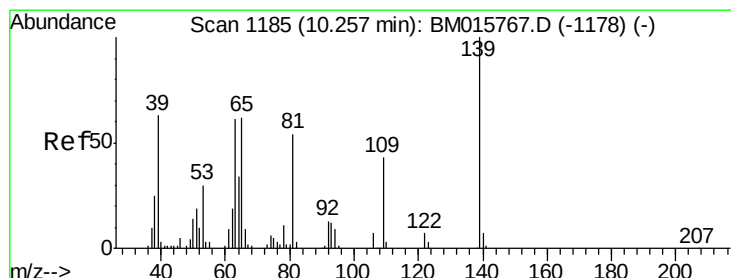
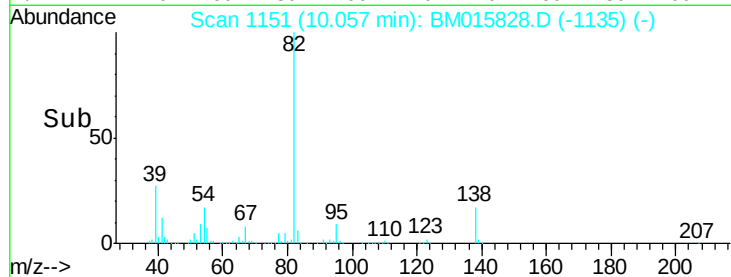
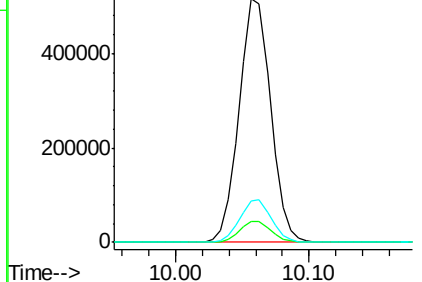
138 17.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)



#26

2-Nitrophenol

Concen: 49.916 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

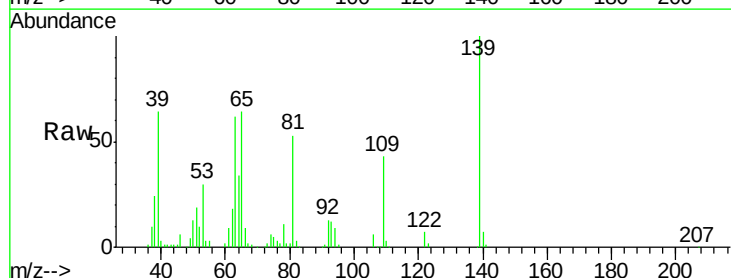
Tgt Ion: 139 Resp: 215640

Ion Ratio Lower Upper

139 100

109 42.7 20.1 30.1#

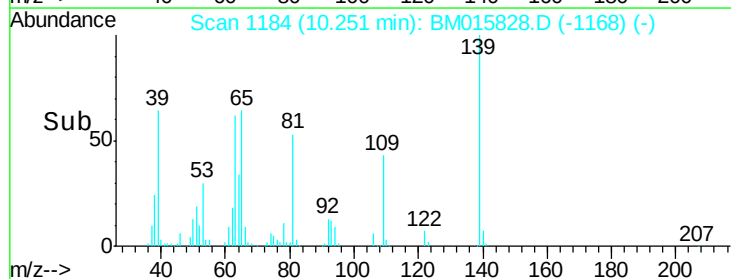
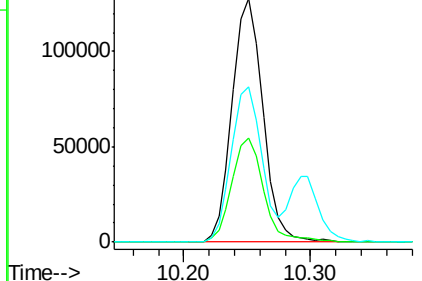
65 63.7 31.5 47.3#

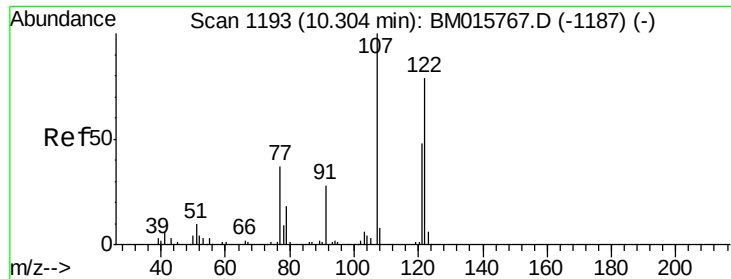


Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)

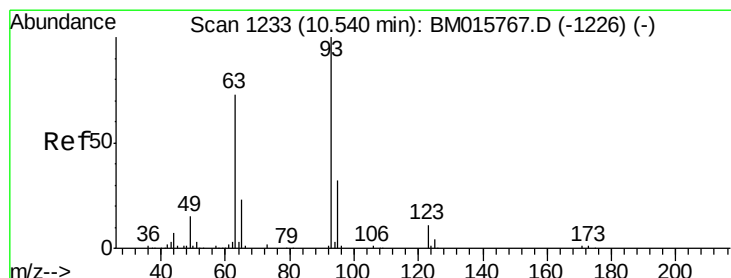
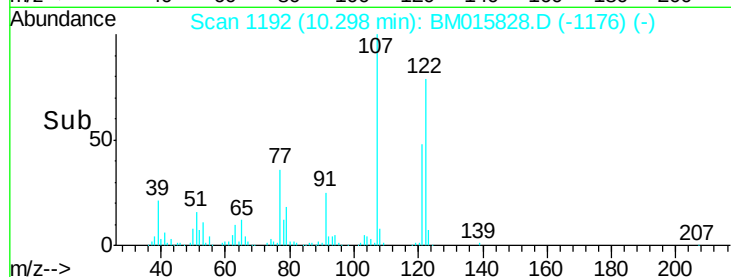
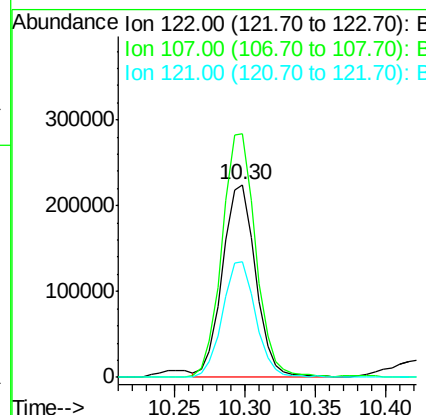
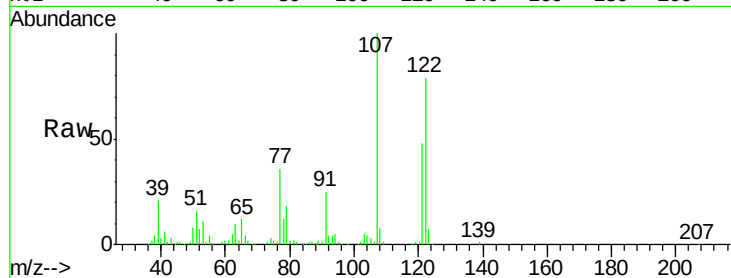




#27
 2,4-Dimethylphenol
 Concen: 55.741 ng
 RT: 10.30 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

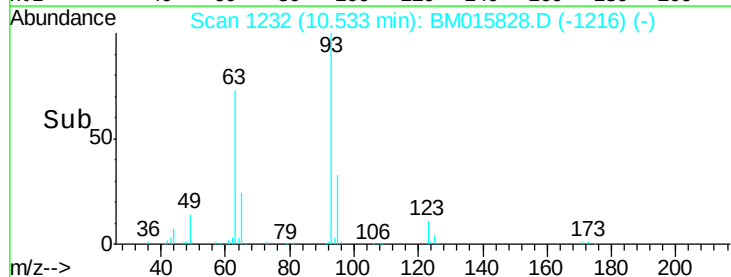
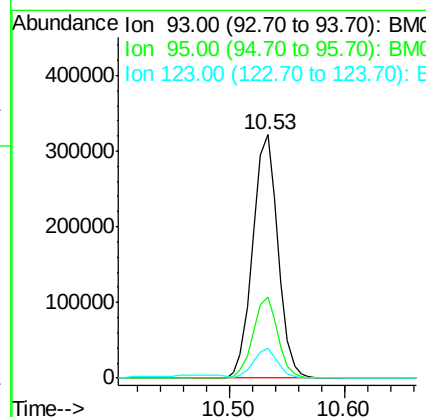
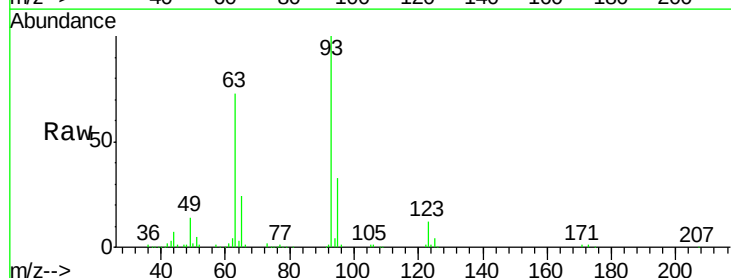
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

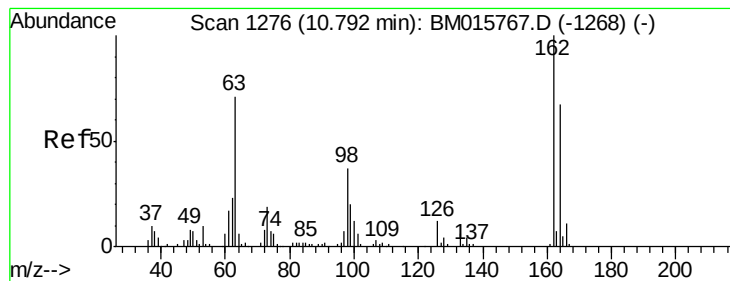
Tgt Ion: 122 Resp: 365821
 Ion Ratio Lower Upper
 122 100
 107 126.4 84.7 127.1
 121 60.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.873 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion: 93 Resp: 490639
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.5 38.3
 123 12.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.610 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

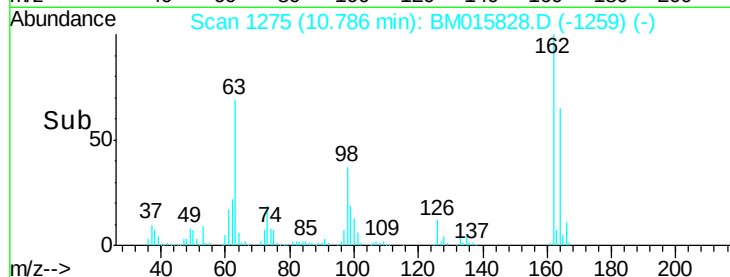
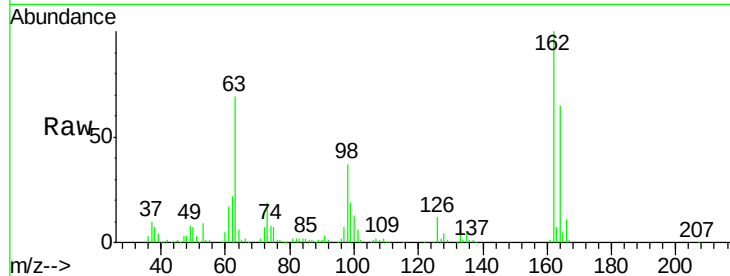
Tgt Ion:162 Resp: 382404

Ion Ratio Lower Upper

162 100

164 65.0 42.8 82.8

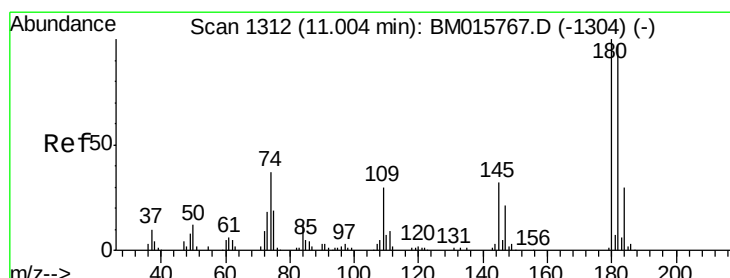
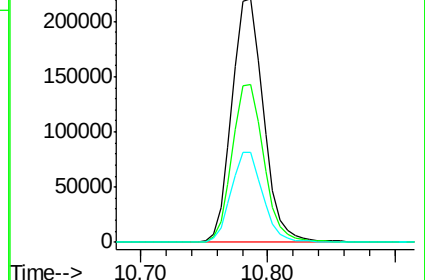
98 36.7 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 48.351 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

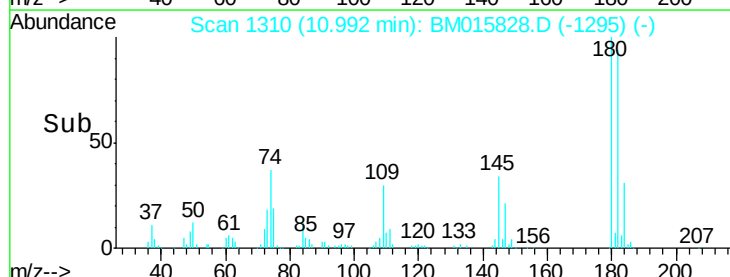
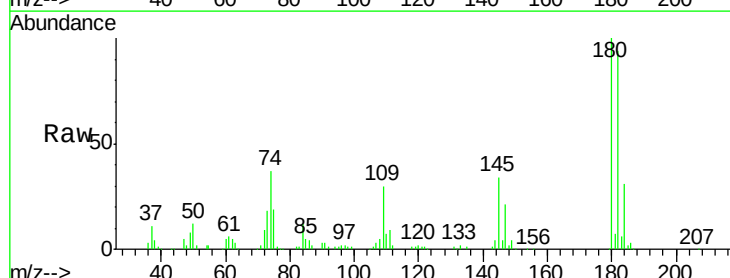
Tgt Ion:180 Resp: 408202

Ion Ratio Lower Upper

180 100

182 94.3 77.6 116.4

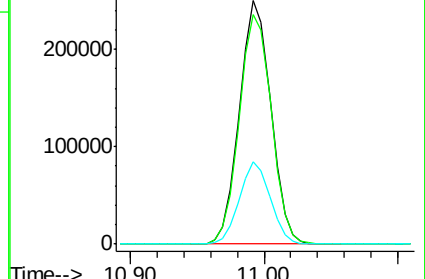
145 33.6 23.4 35.2

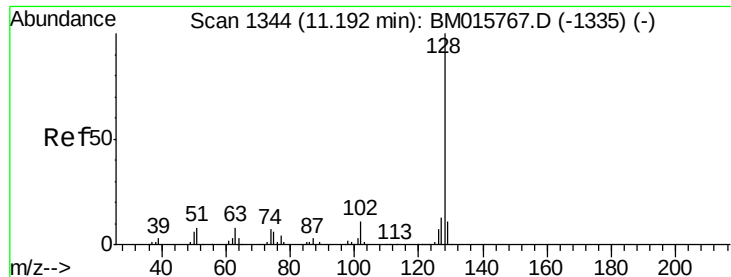


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

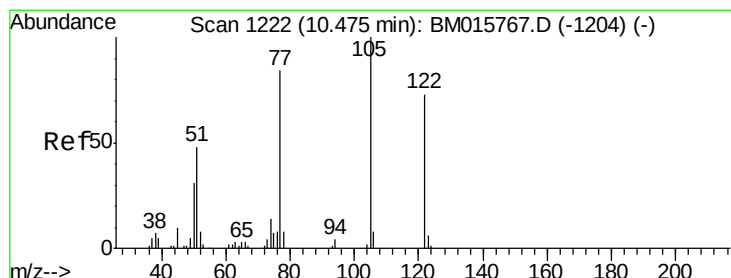
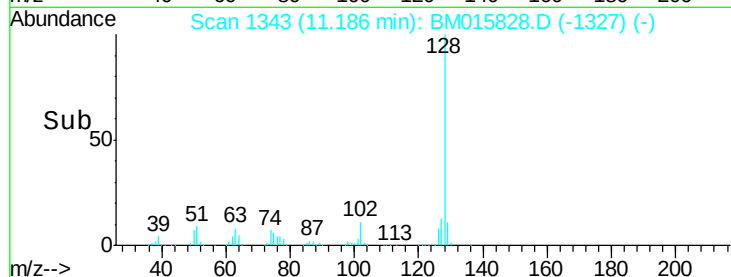
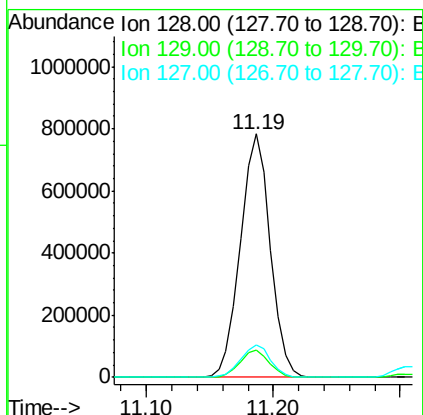
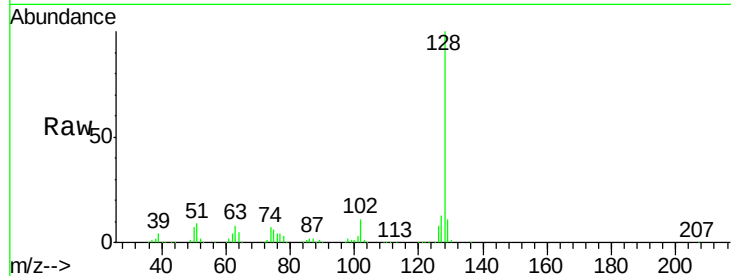




#31
Naphthalene
Concen: 49.038 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

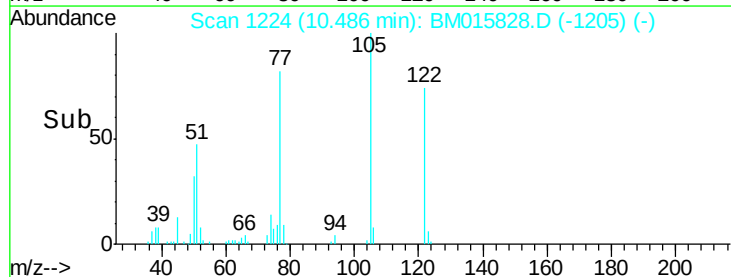
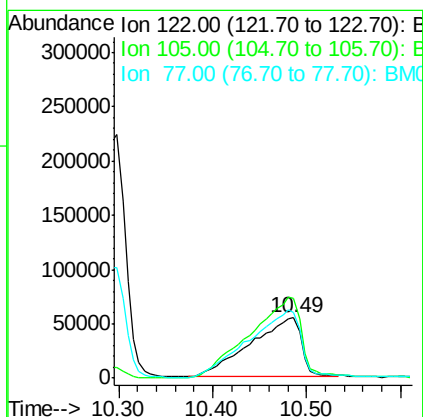
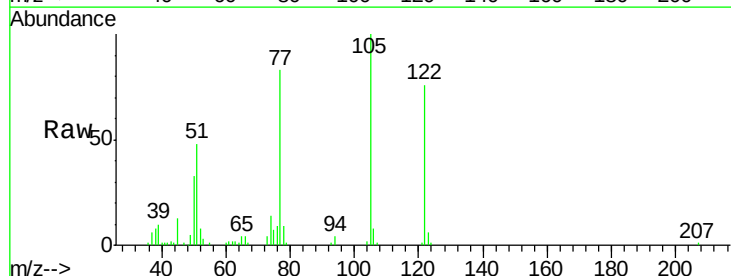
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

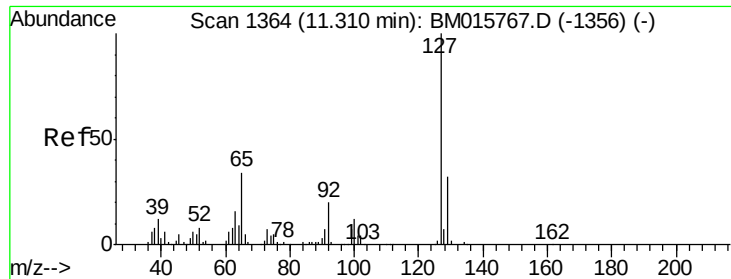
Tgt Ion:128 Resp: 1278512
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 35.997 ng
RT: 10.49 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:122 Resp: 209161
Ion Ratio Lower Upper
122 100
105 132.1 99.9 139.9
77 109.8 73.7 113.7

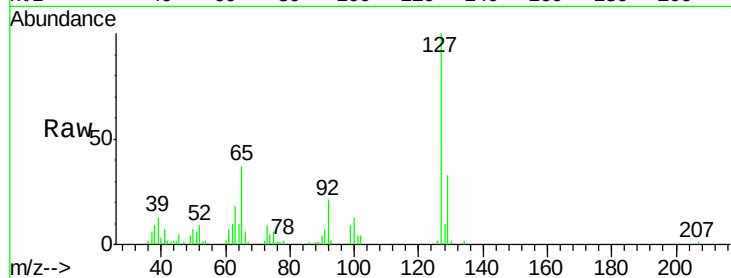




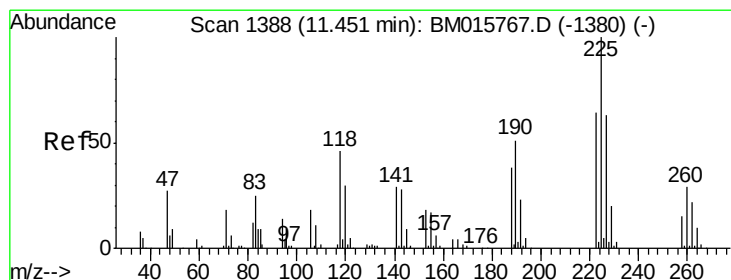
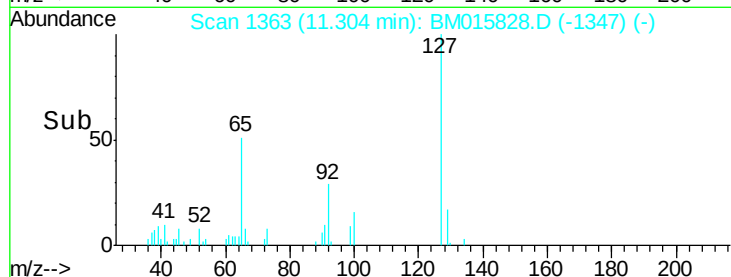
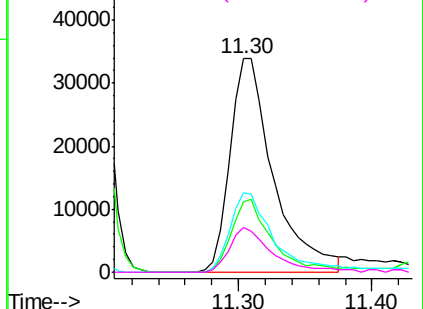
#33
4-Chloroaniline
Concen: 7.211 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

Tgt Ion:127 Resp: 76646
Ion Ratio Lower Upper
127 100
129 32.9 25.3 37.9
65 37.0 17.6 26.4#
92 21.0 13.1 19.7#

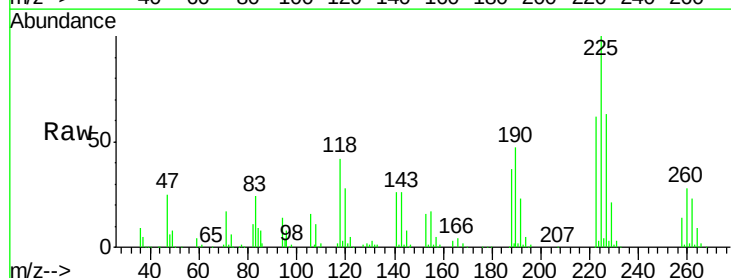


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

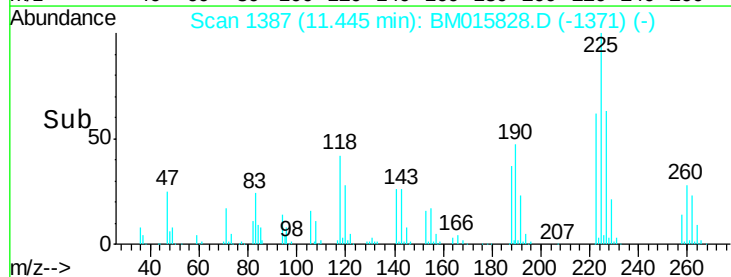
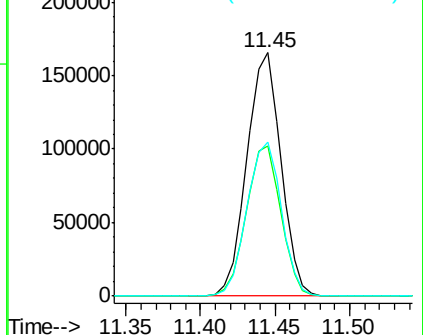


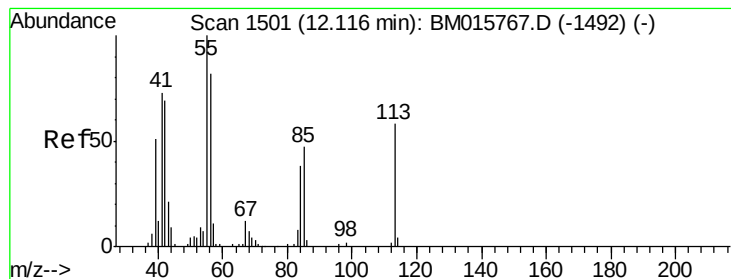
#34
Hexachlorobutadiene
Concen: 46.468 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:225 Resp: 261818
Ion Ratio Lower Upper
225 100
223 61.7 47.9 71.9
227 63.5 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.033 ng

RT: 12.11 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

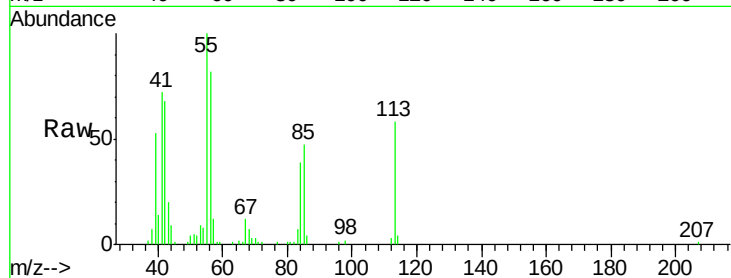
Tgt Ion:113 Resp: 69987

Ion Ratio Lower Upper

113 100

55 173.8 145.9 185.9

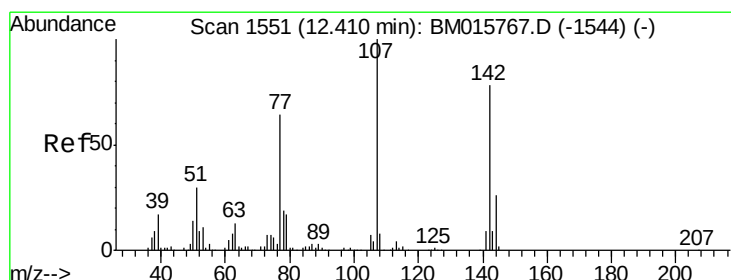
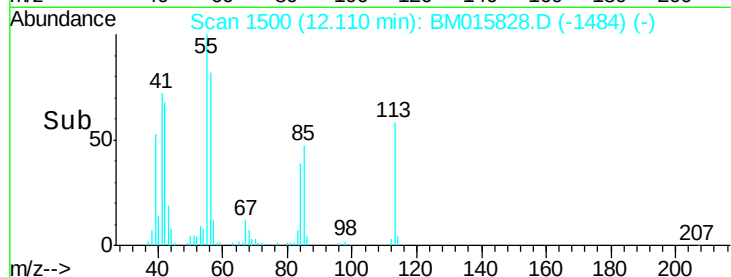
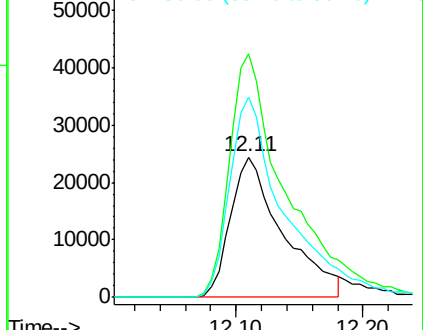
56 143.2 101.0 141.0#



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



#36

4-Chloro-3-methylphenol

Concen: 49.866 ng

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

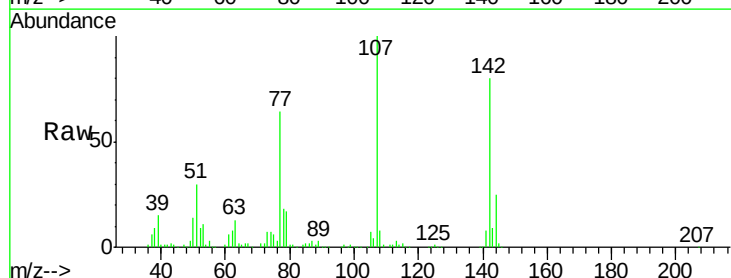
Tgt Ion:107 Resp: 415892

Ion Ratio Lower Upper

107 100

144 25.5 23.3 34.9

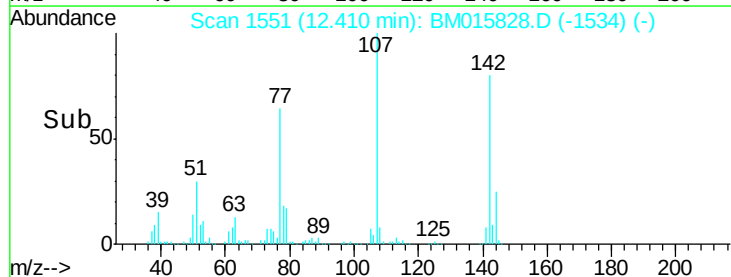
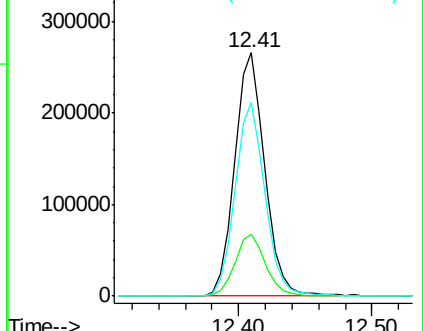
142 79.5 72.6 109.0

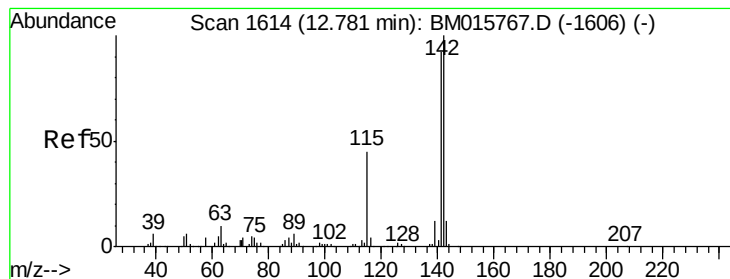


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.934 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

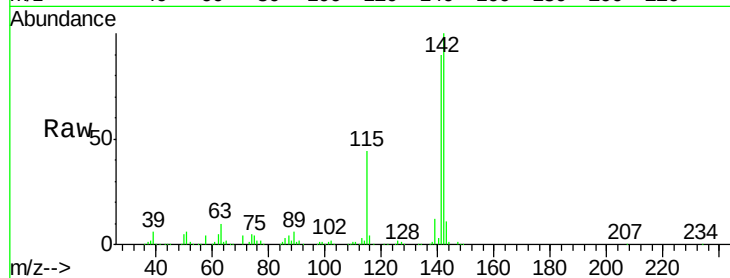
Tgt Ion:142 Resp: 944654

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

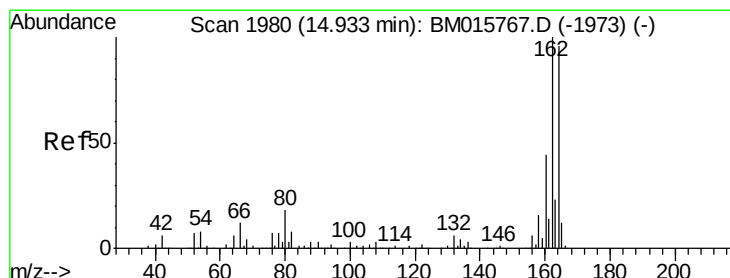
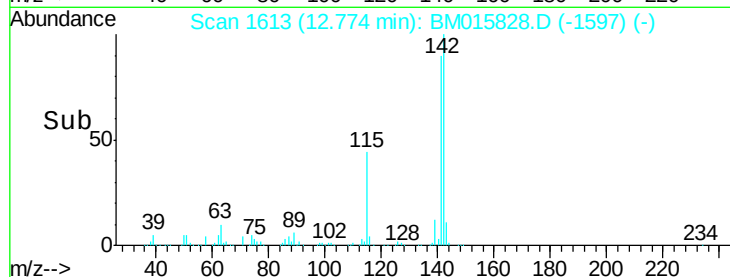
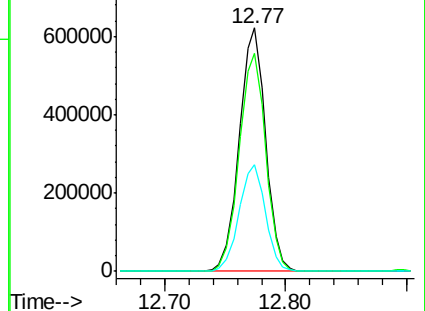
115 43.9 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

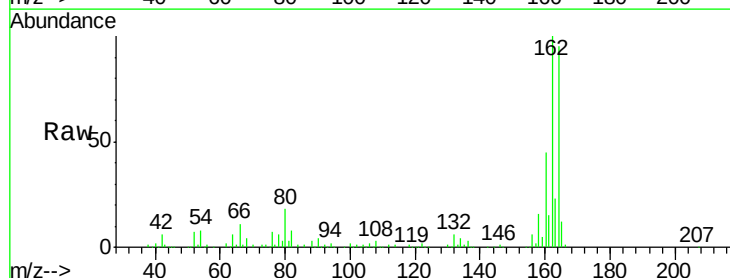
Tgt Ion:164 Resp: 279138

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

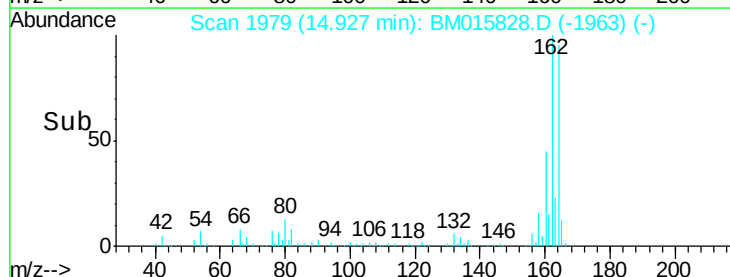
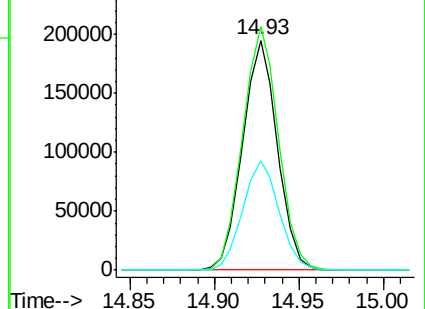
160 47.7 35.8 53.6

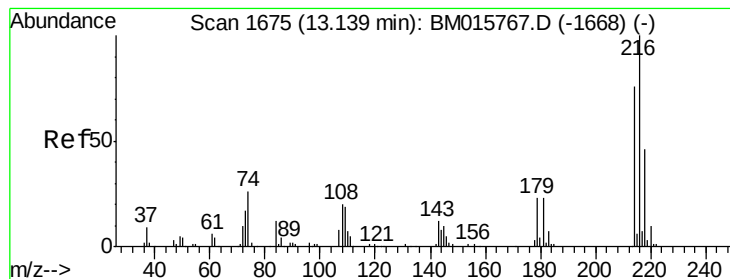


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.713 ng

RT: 13.13 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

Tgt Ion:216 Resp: 463300

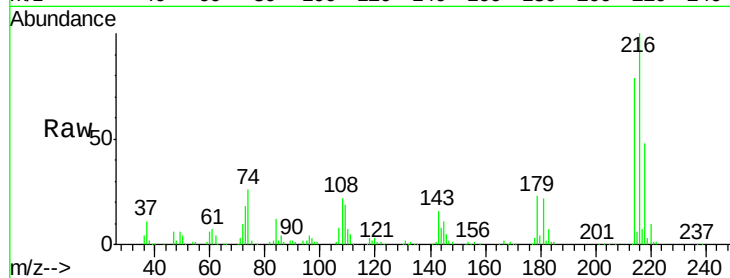
Ion Ratio Lower Upper

216 100

214 78.3 0.0 0.0#

179 23.5 0.0 0.0#

108 20.8 0.0 0.0#

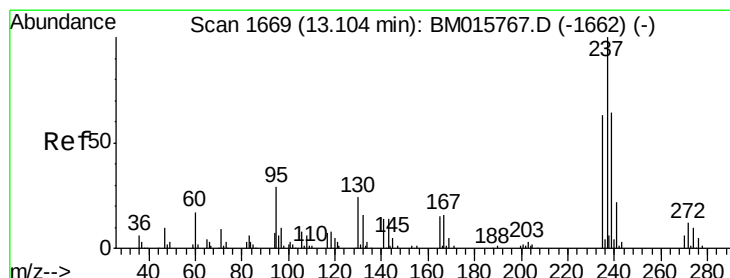
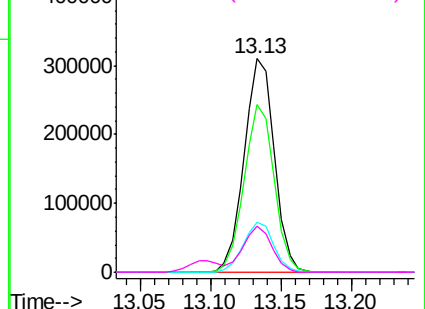
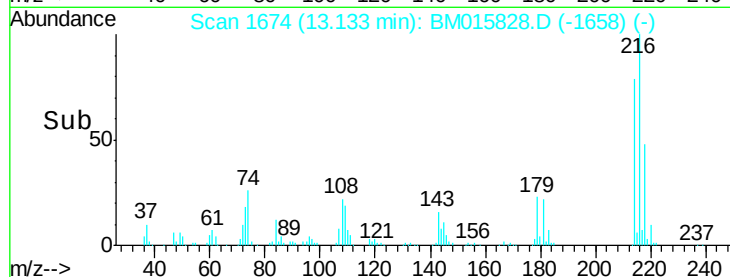


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 114.540 ng

RT: 13.10 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

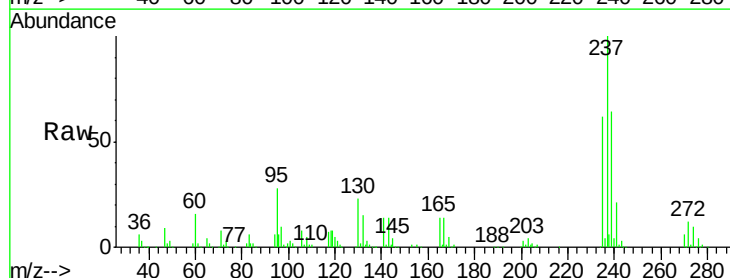
Tgt Ion:237 Resp: 498549

Ion Ratio Lower Upper

237 100

235 62.1 42.0 82.0

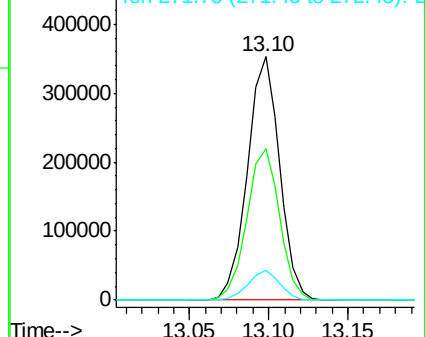
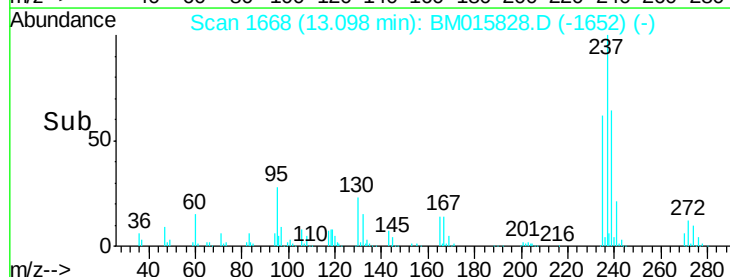
272 12.2 0.0 33.4

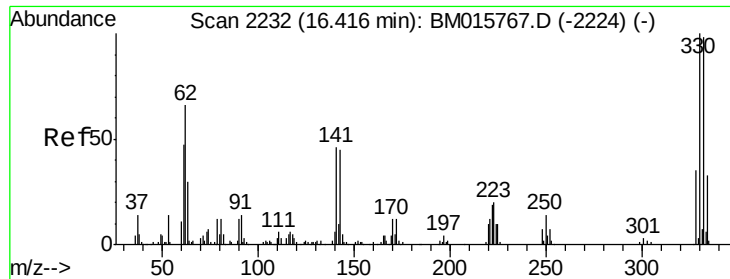


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

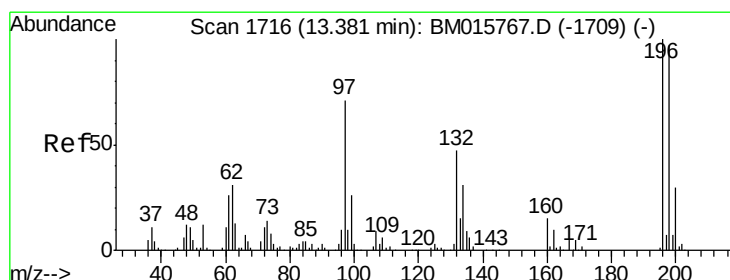
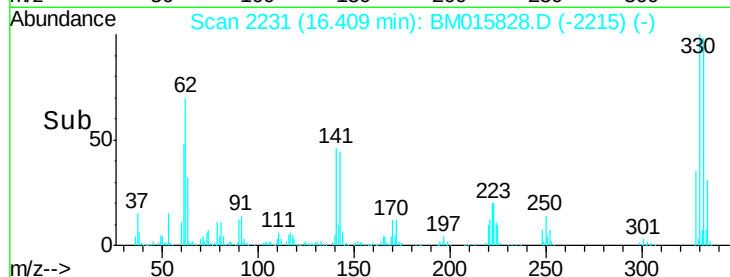
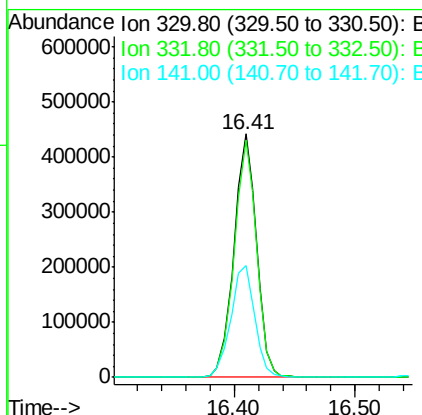
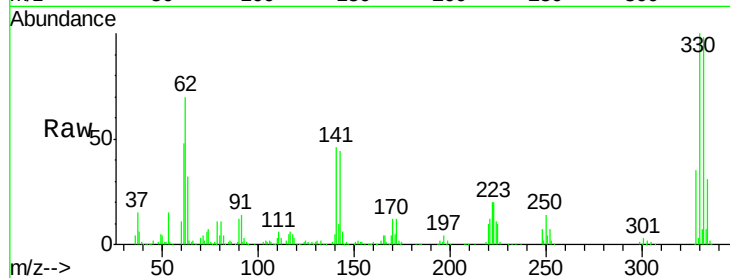




#41
 2,4,6-Tribromophenol
 Concen: 114.540 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

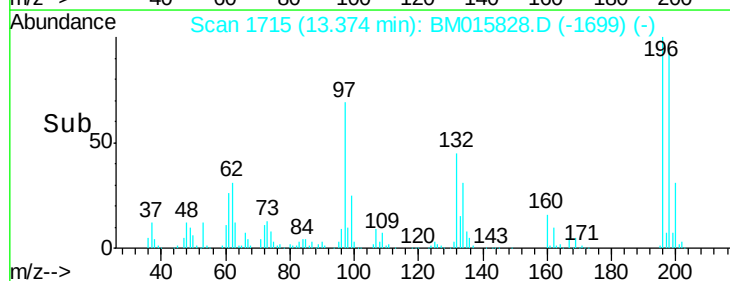
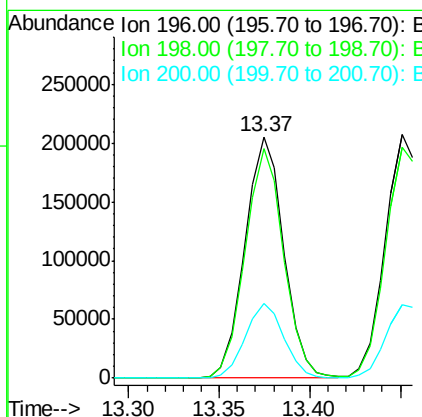
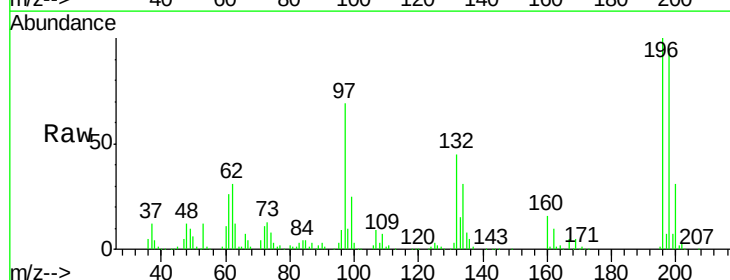
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

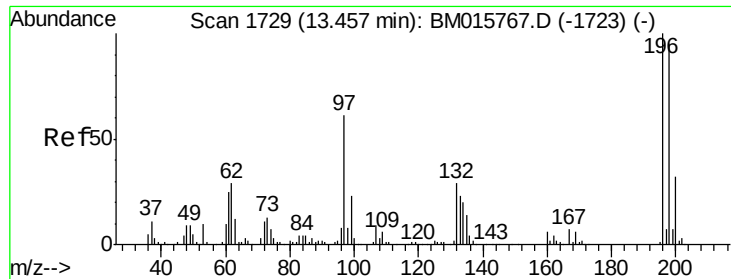
Tgt Ion:330 Resp: 579107
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 48.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 53.845 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:196 Resp: 304935
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.7 25.6 38.4

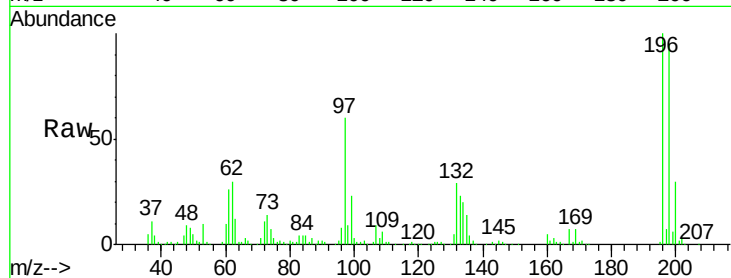




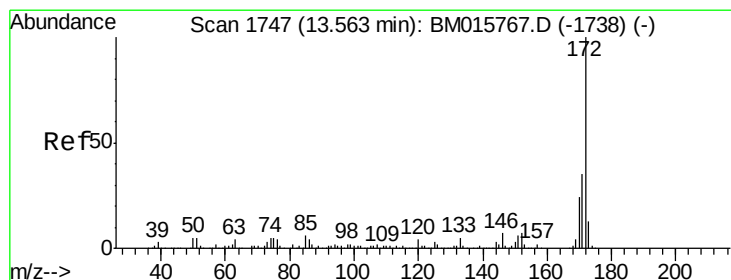
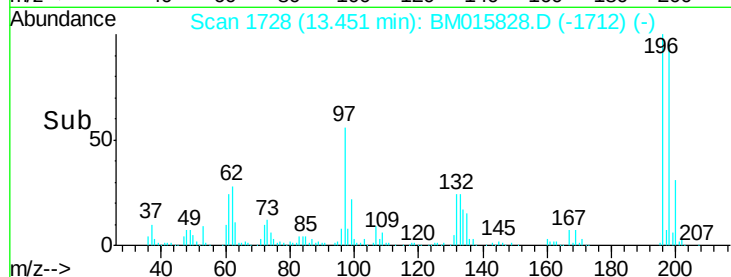
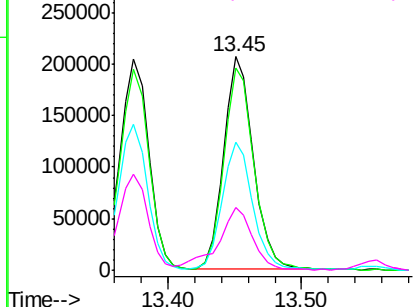
#43
 2,4,5-Trichlorophenol
 Concen: 52.489 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

Tgt Ion:196 Resp: 321107
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.4 119.0
 97 60.1 26.8 40.2#
 132 29.4 18.6 28.0#

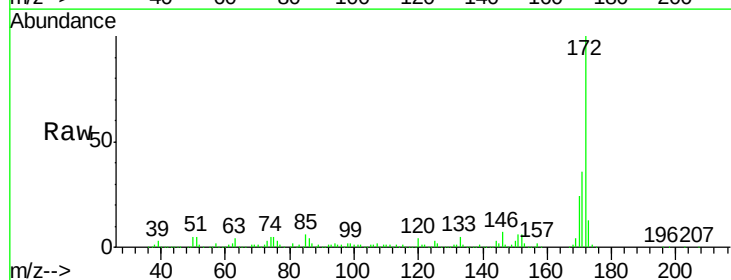


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

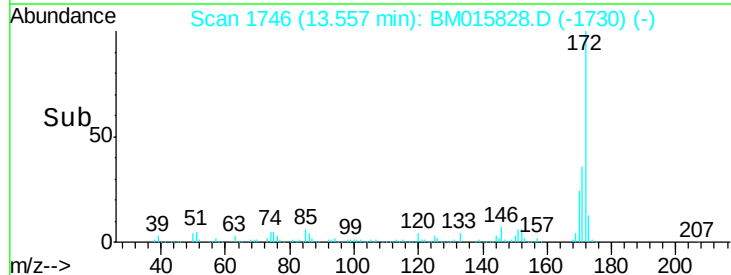
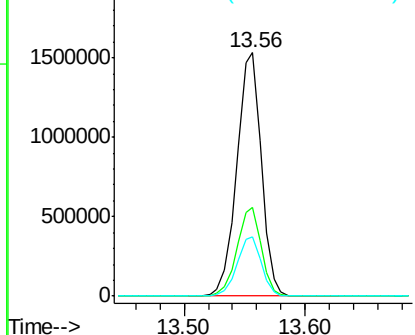


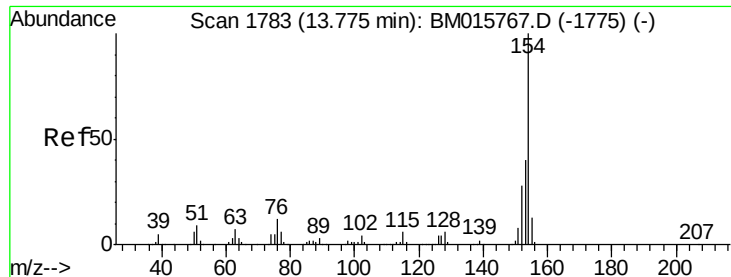
#44
 2-Fluorobiphenyl
 Concen: 52.489 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:172 Resp: 2168128
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.3 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

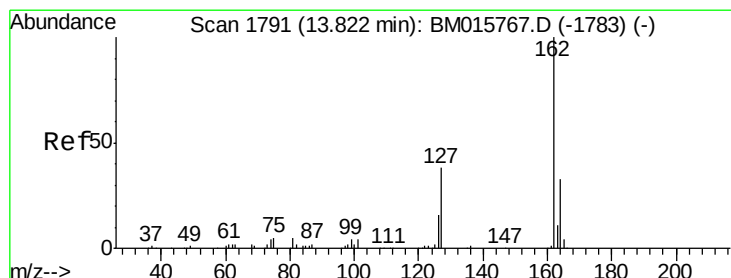
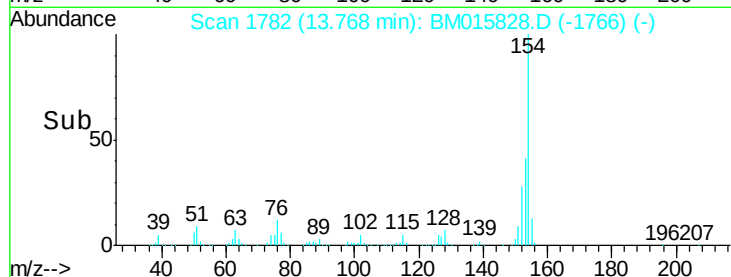
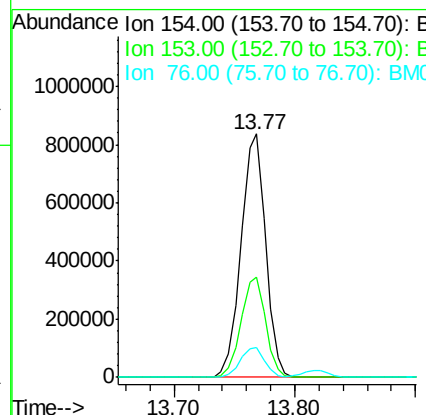
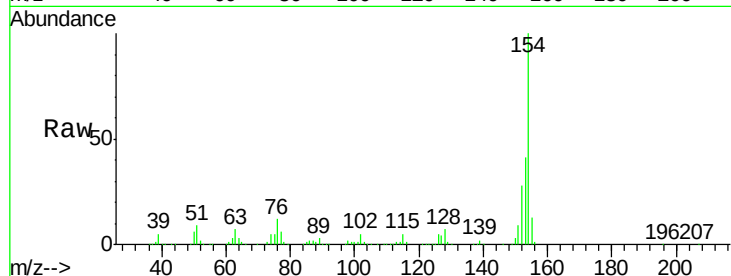




#45
 1,1'-Biphenyl
 Concen: 49.304 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

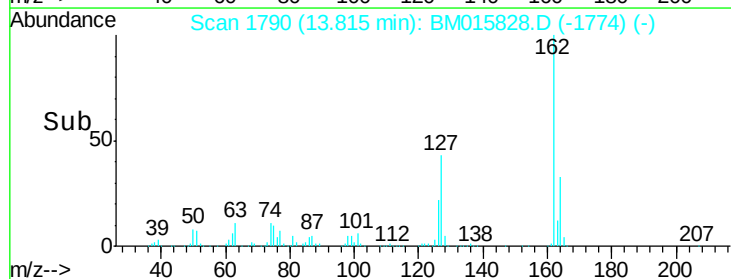
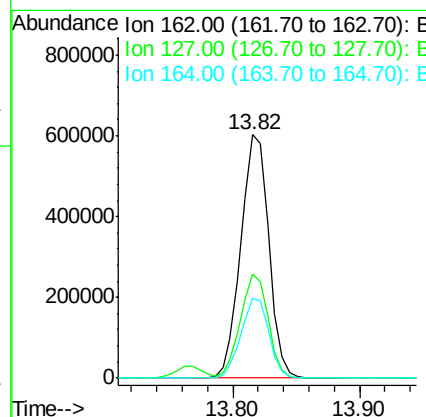
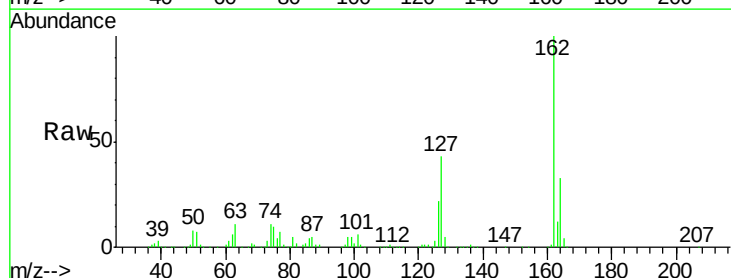
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

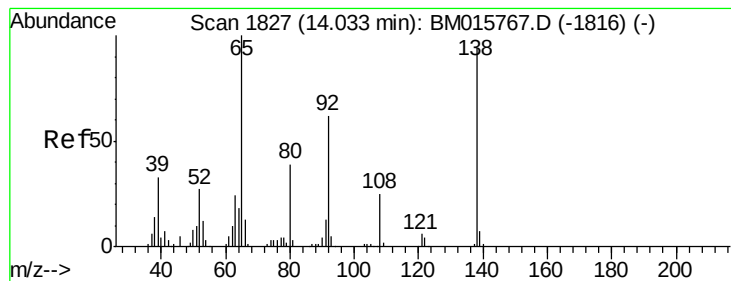
Tgt Ion:154 Resp: 1189912
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.7 60.7
 76 12.1 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 50.962 ng
 RT: 13.82 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:162 Resp: 919591
 Ion Ratio Lower Upper
 162 100
 127 42.9 26.9 40.3#
 164 32.8 26.8 40.2





#47

2-Nitroaniline

Concen: 49.665 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

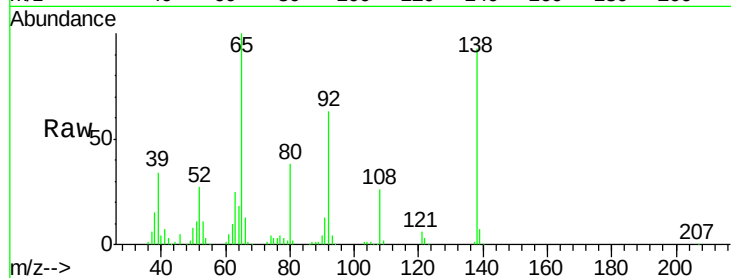
Tgt Ion: 65 Resp: 312524

Ion Ratio Lower Upper

65 100

92 62.7 59.1 88.7

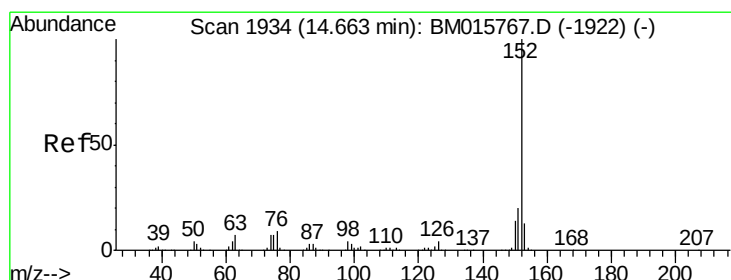
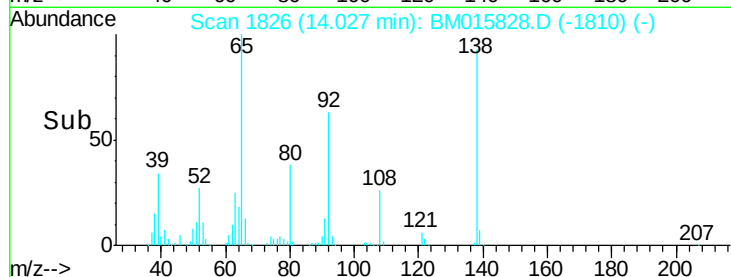
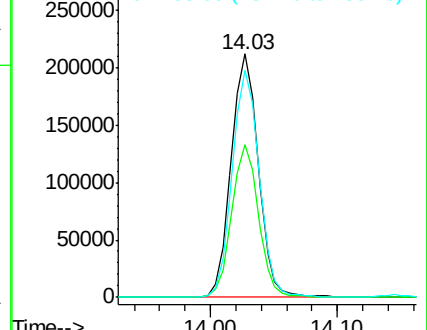
138 93.1 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)



#48

Acenaphthylene

Concen: 51.247 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

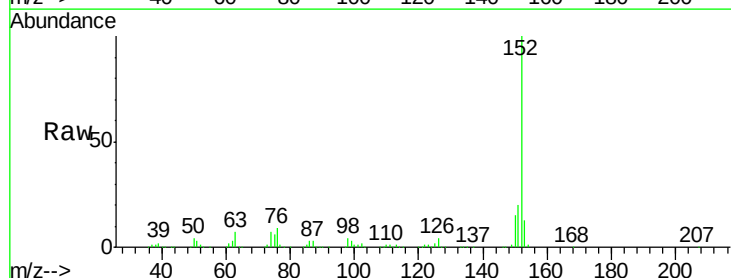
Tgt Ion: 152 Resp: 1504302

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

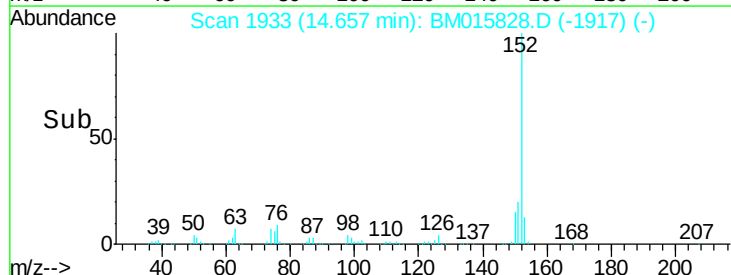
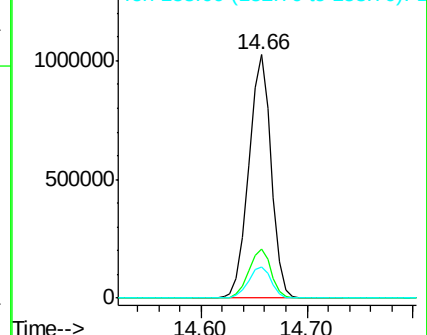
153 13.0 10.6 16.0

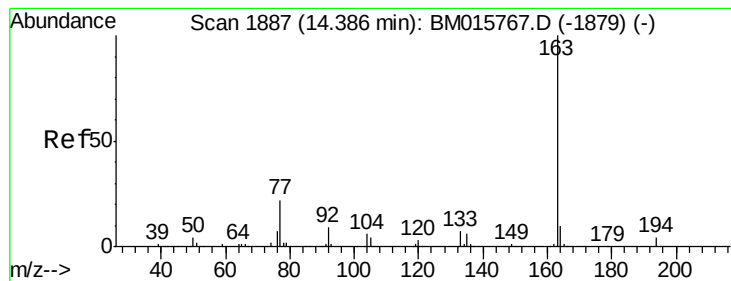


Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)





#49

Dimethylphthalate

Concen: 48.538 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

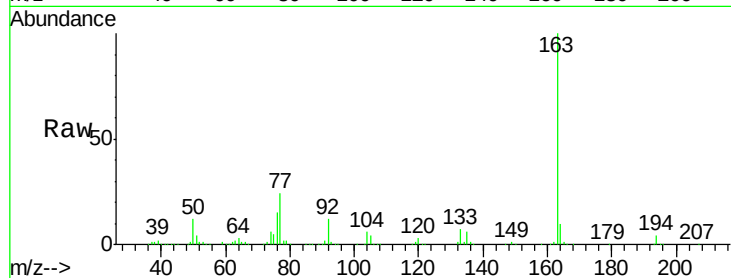
Tgt Ion:163 Resp: 1194910

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

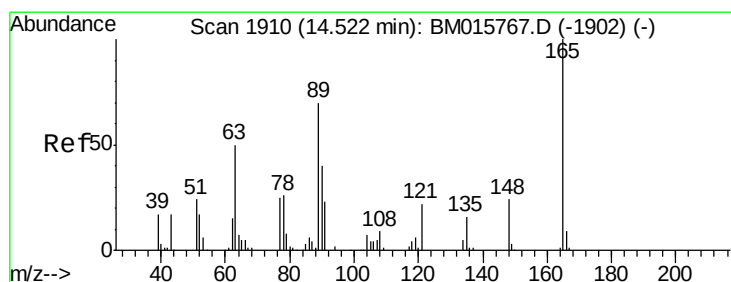
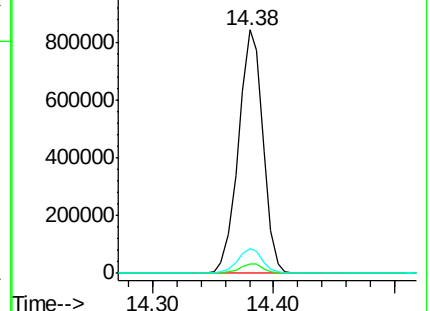
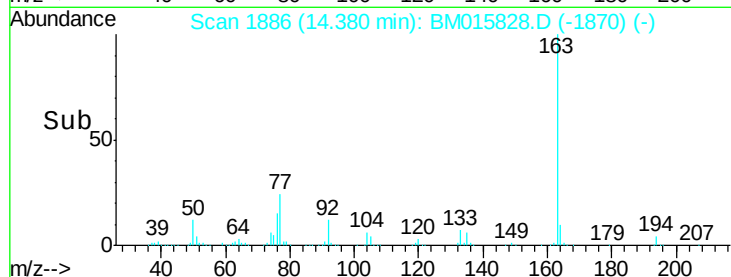
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 52.063 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

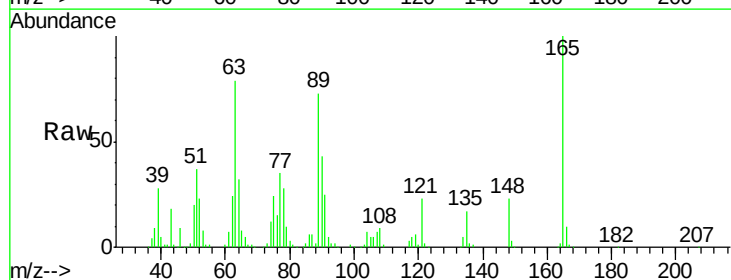
Tgt Ion:165 Resp: 249900

Ion Ratio Lower Upper

165 100

63 79.5 44.1 66.1#

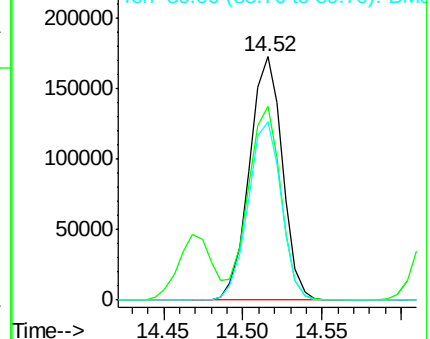
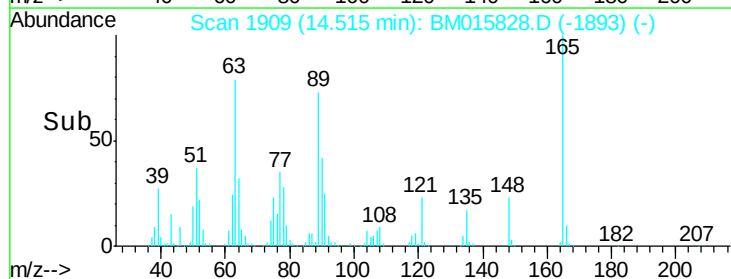
89 73.1 44.3 66.5#

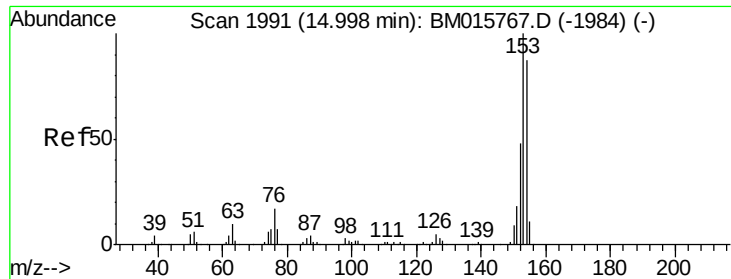


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 47.699 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

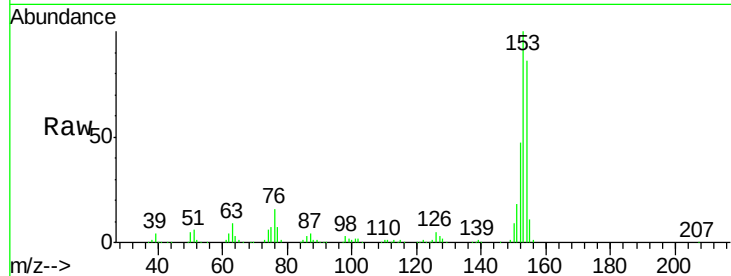
Tgt Ion:154 Resp: 871269

Ion Ratio Lower Upper

154 100

153 116.0 90.0 135.0

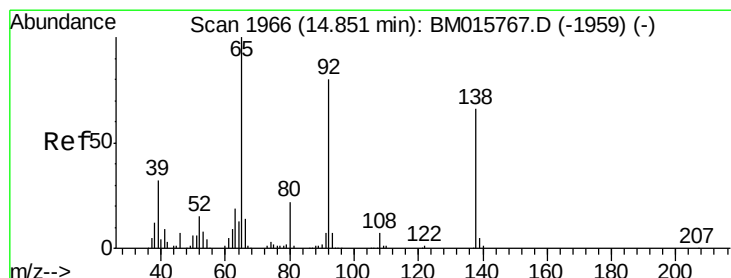
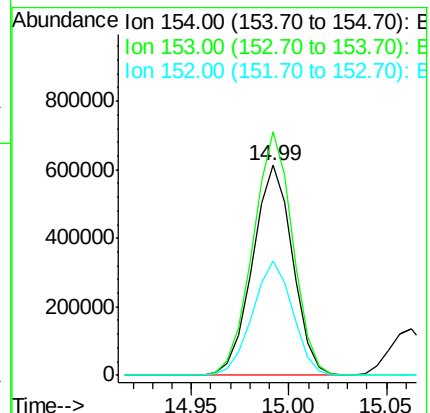
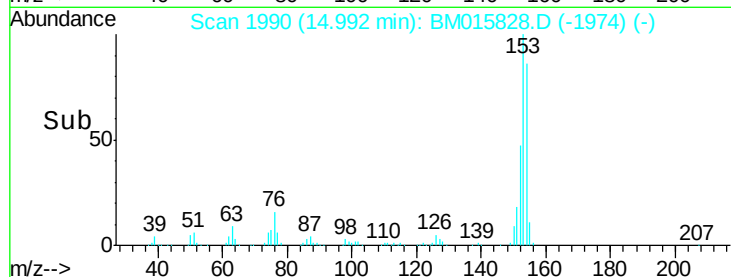
152 54.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.494 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

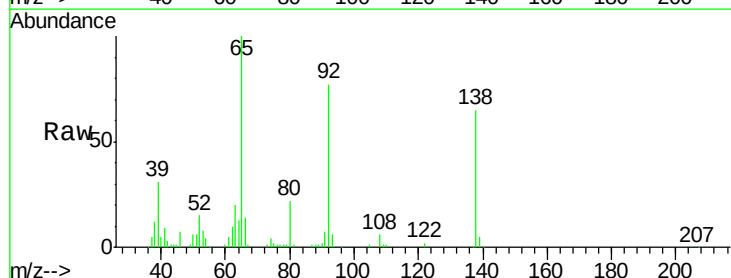
Tgt Ion:138 Resp: 102420

Ion Ratio Lower Upper

138 100

108 9.9 7.3 10.9

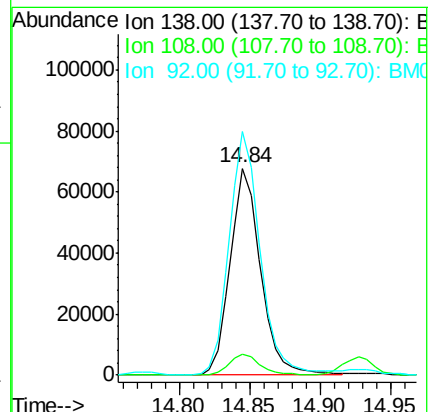
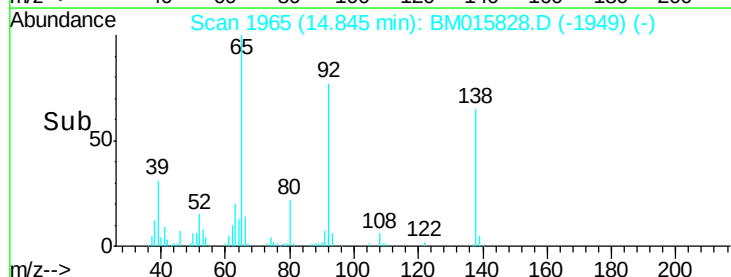
92 117.9 76.6 114.8#

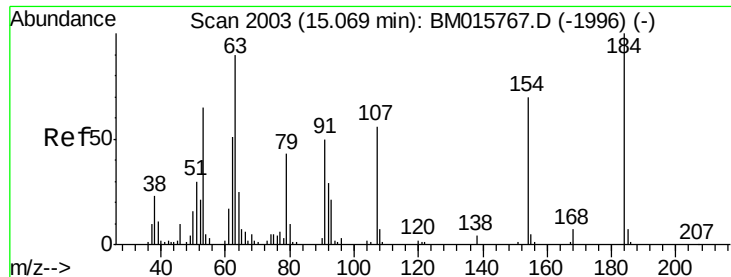


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

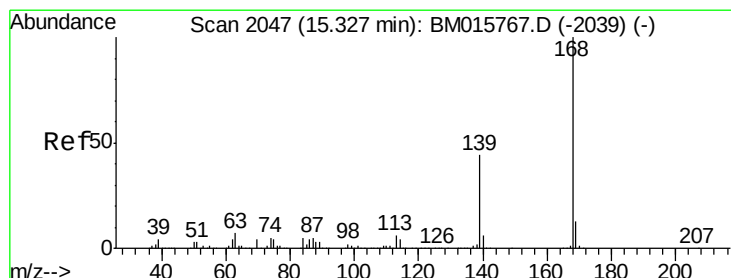
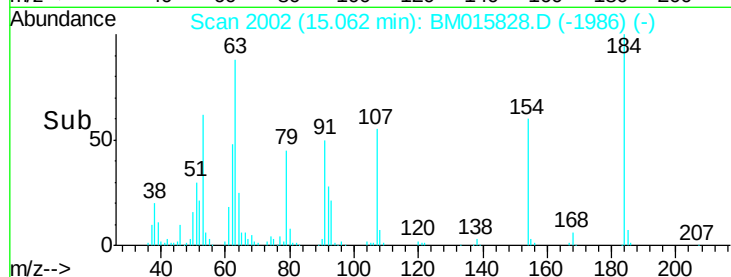
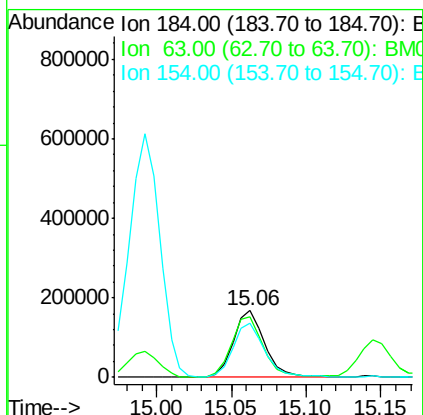
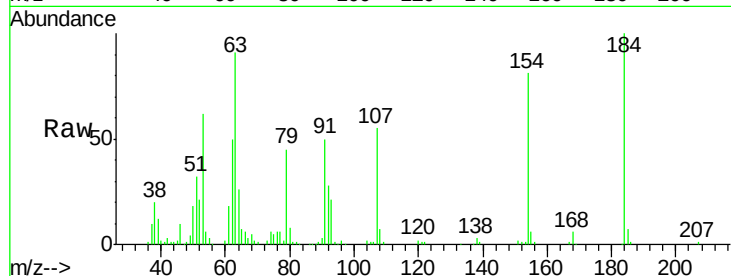




#53
2,4-Dinitrophenol
Concen: 100.680 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

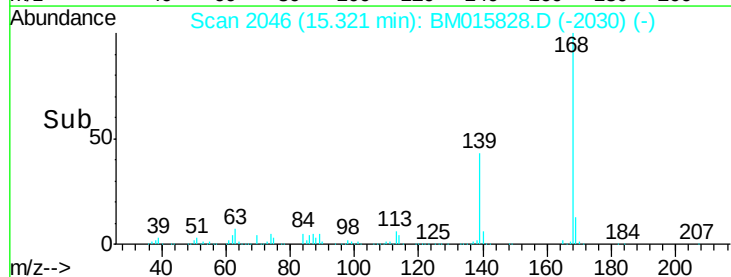
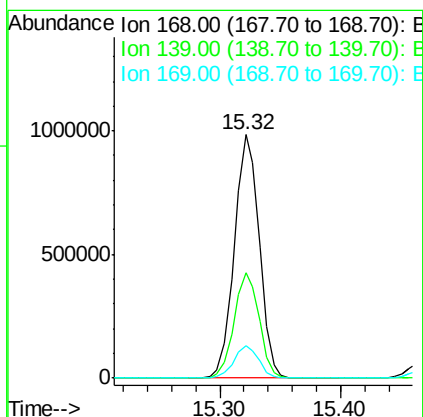
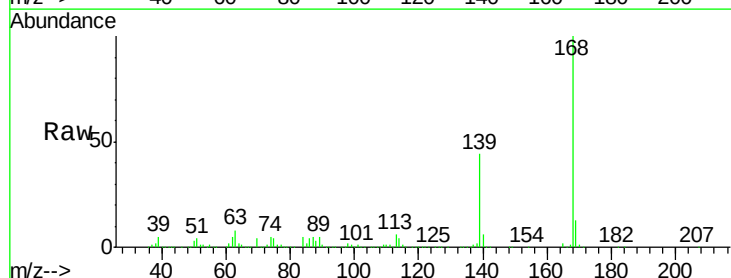
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

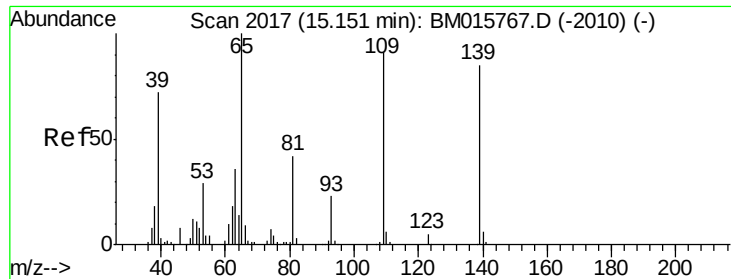
Tgt Ion:184 Resp: 246598
Ion Ratio Lower Upper
184 100
63 90.7 69.2 103.8
154 81.3 53.3 79.9#



#54
Dibenzofuran
Concen: 50.262 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:168 Resp: 1414691
Ion Ratio Lower Upper
168 100
139 43.5 27.3 40.9#
169 13.1 10.6 16.0

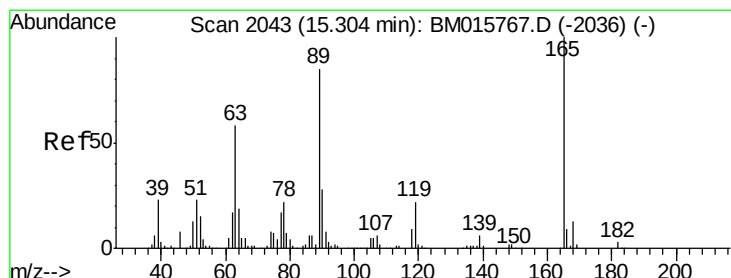
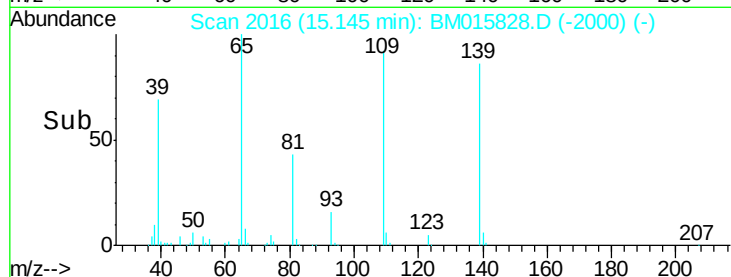
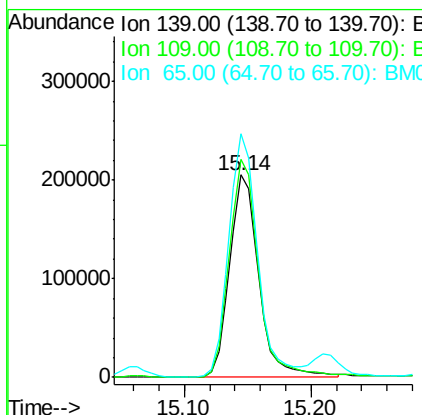
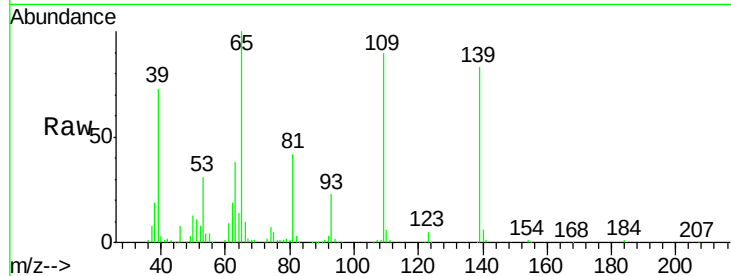




#55
4-Nitrophenol
Concen: 84.473 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

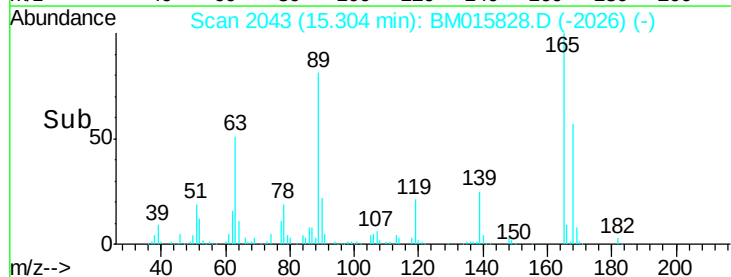
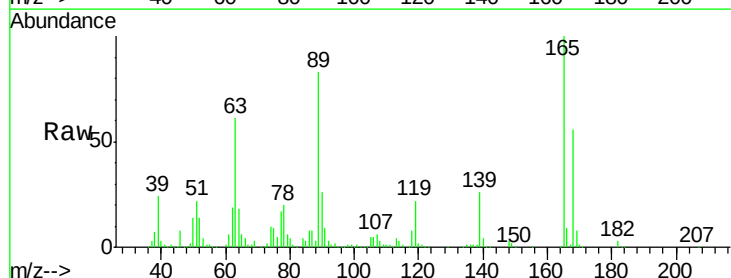
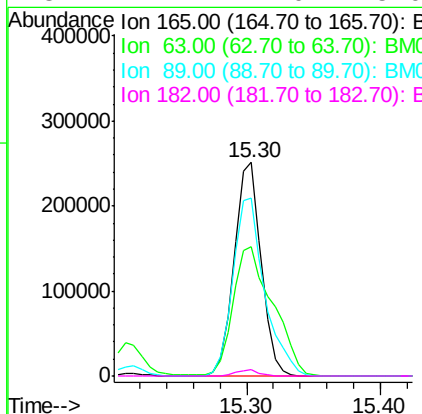
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

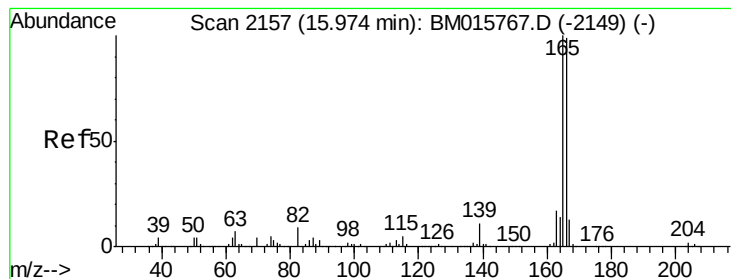
Tgt Ion:139 Resp: 327537
Ion Ratio Lower Upper
139 100
109 107.6 130.0 170.0#
65 120.2 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 50.965 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:165 Resp: 353178
Ion Ratio Lower Upper
165 100
63 60.8 52.4 78.6
89 83.3 72.4 108.6
182 2.7 2.0 3.0





#57

Fluorene

Concen: 49.775 ng

RT: 15.97 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

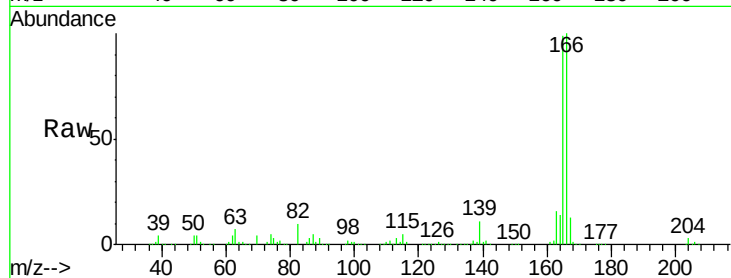
Tgt Ion:166 Resp: 1155292

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

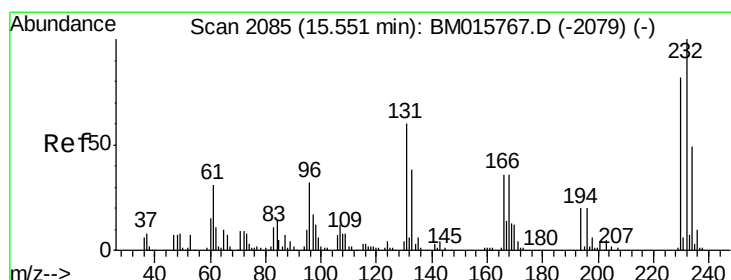
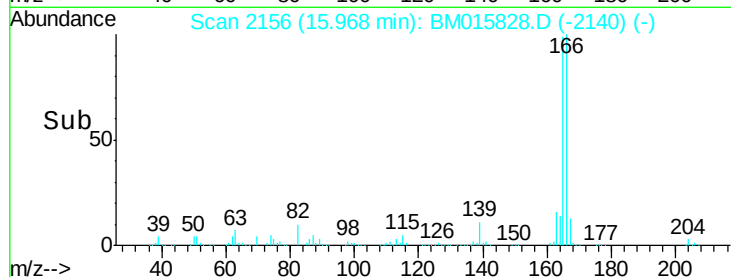
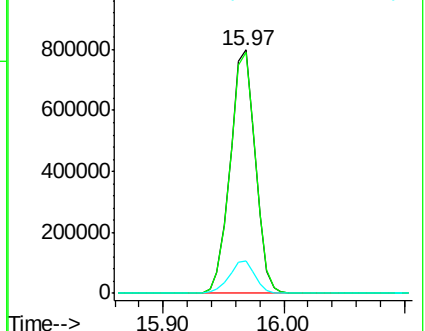
167 13.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.039 ng

RT: 15.54 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Tgt Ion:232 Resp: 278965

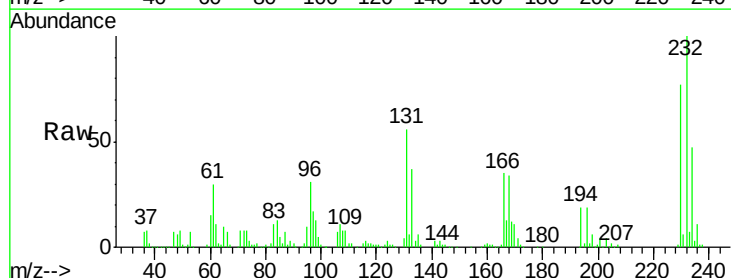
Ion Ratio Lower Upper

232 100

131 56.8 0.0 0.0#

130 3.6 0.0 0.0#

166 36.3 0.0 0.0#

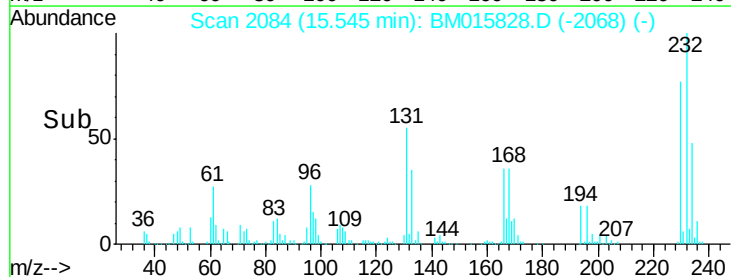
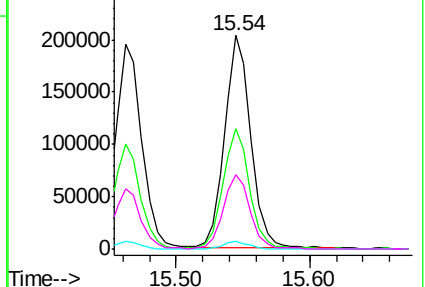


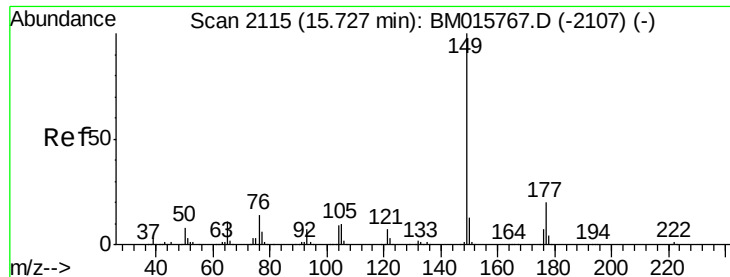
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

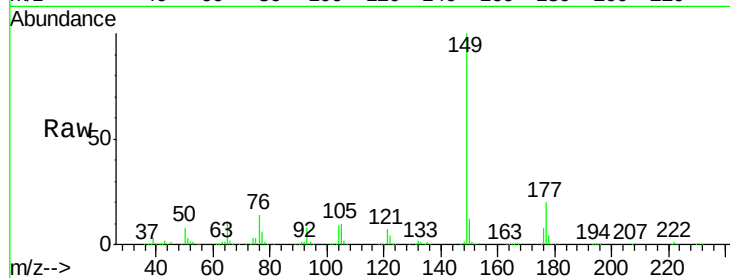




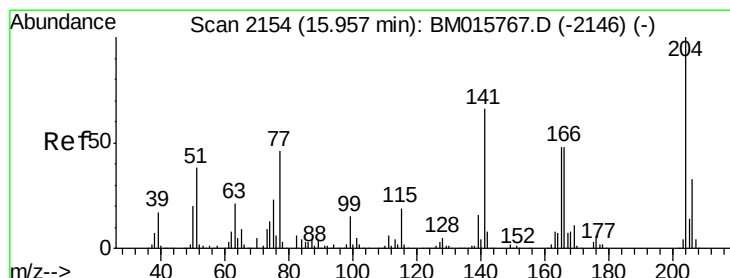
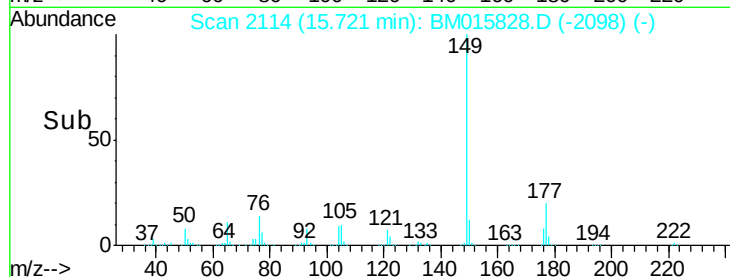
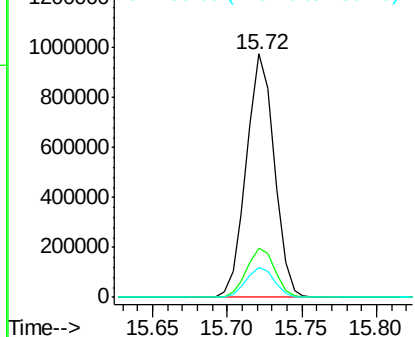
#59
Diethylphthalate
Concen: 47.811 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

Tgt Ion:149 Resp: 1261304
Ion Ratio Lower Upper
149 100
177 20.0 18.3 27.5
150 12.3 9.8 14.8

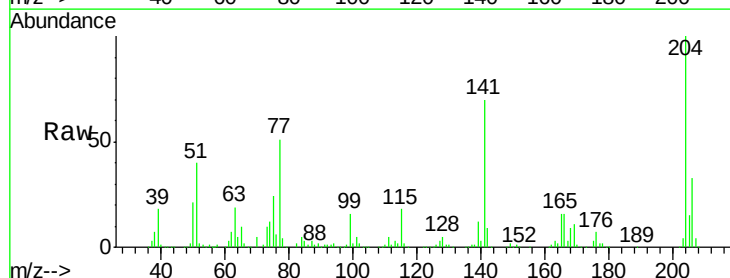


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

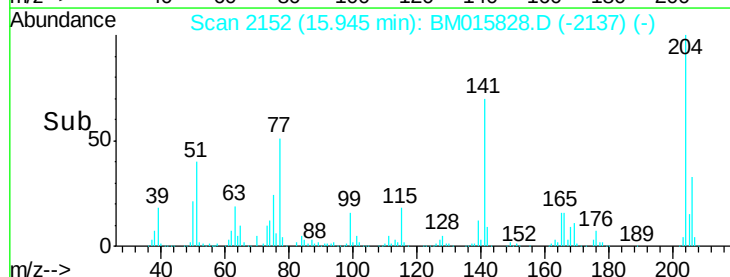
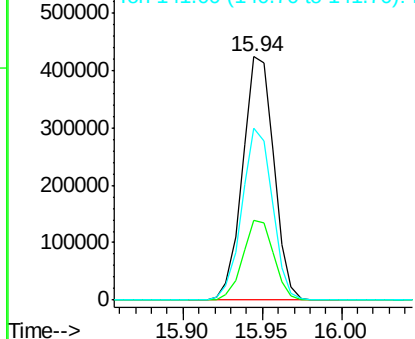


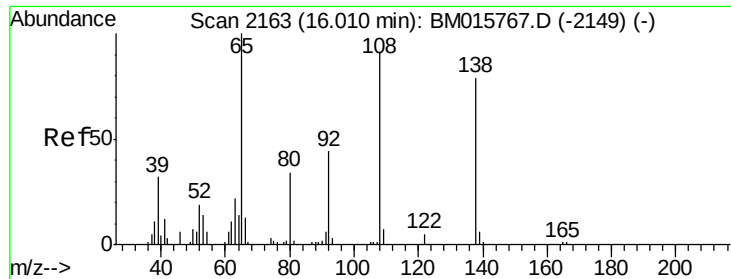
#60
4-Chlorophenyl-phenylether
Concen: 48.396 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:204 Resp: 578002
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 70.4 45.2 67.8#



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

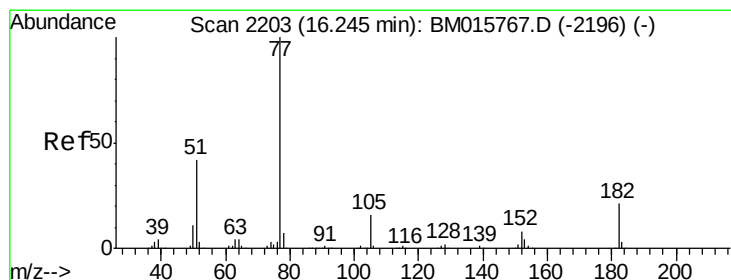
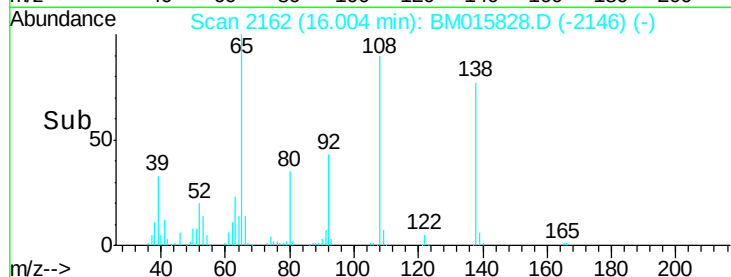
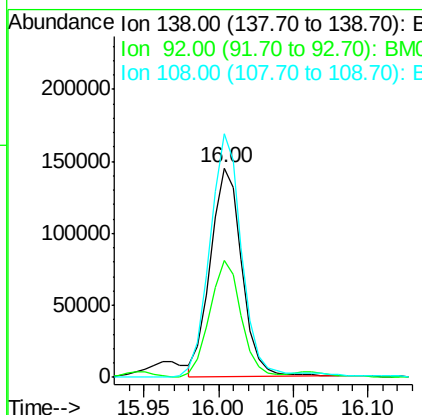
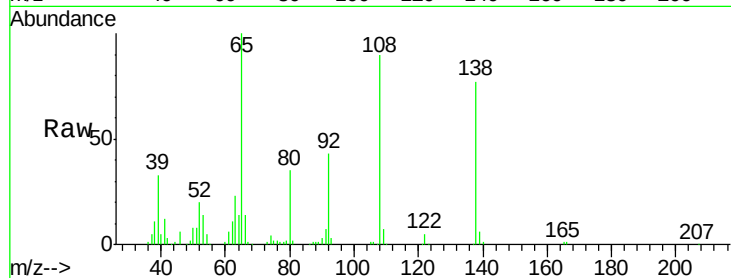




#61
4-Nitroaniline
Concen: 38.874 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

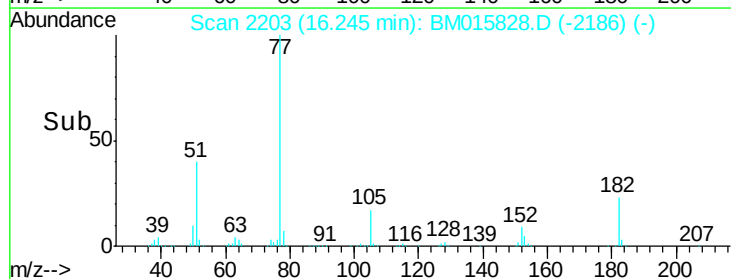
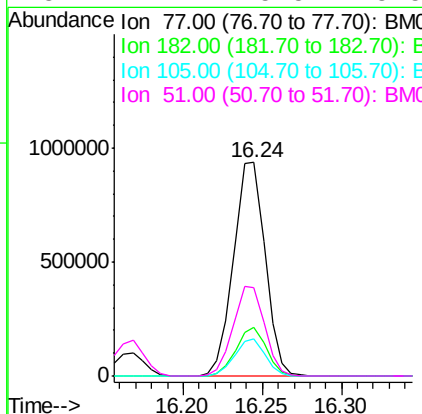
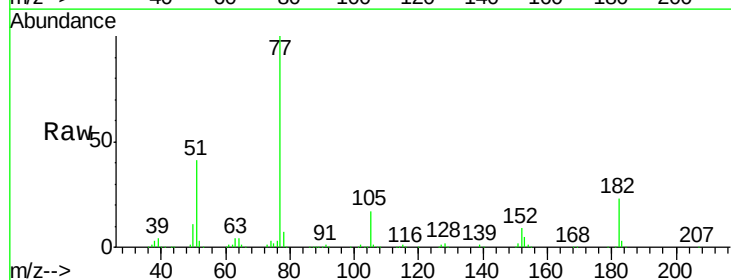
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

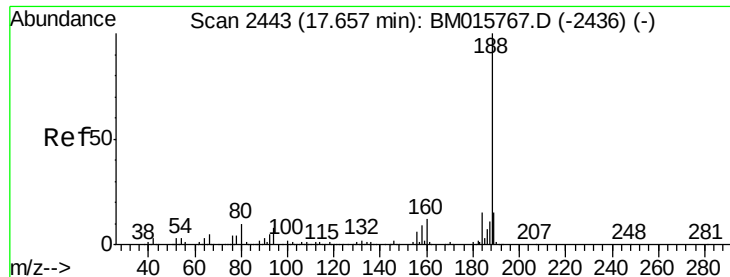
Tgt Ion:138 Resp: 211876
Ion Ratio Lower Upper
138 100
92 56.0 16.7 56.7
108 116.4 37.6 77.6#



#62
Azobenzene
Concen: 52.585 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion: 77 Resp: 1300381
Ion Ratio Lower Upper
77 100
182 22.6 6.5 46.5
105 17.1 3.8 43.8
51 41.4 5.5 45.5

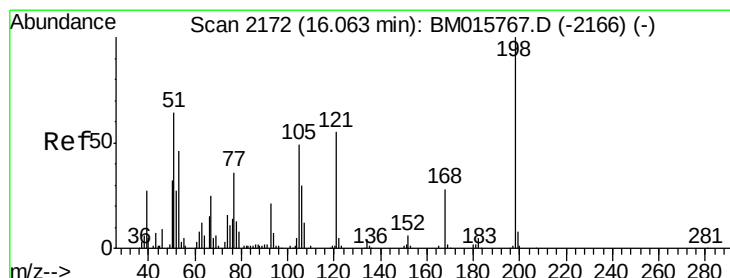
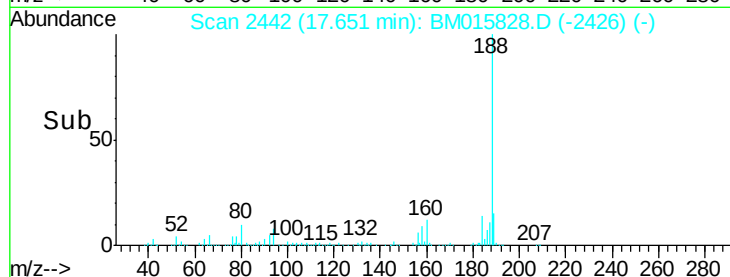
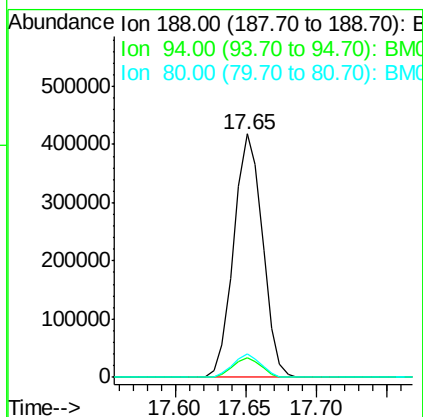
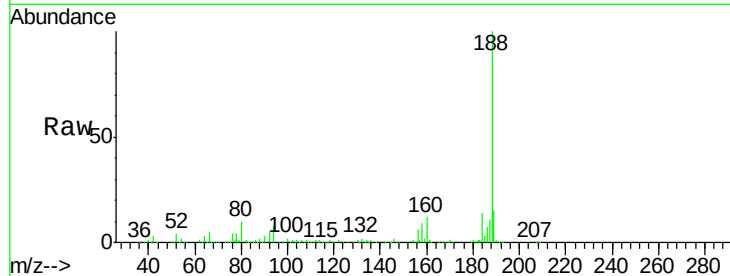




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

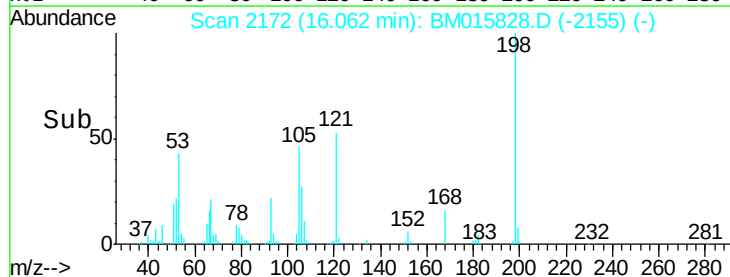
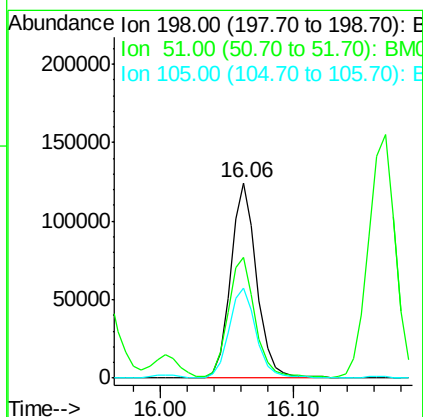
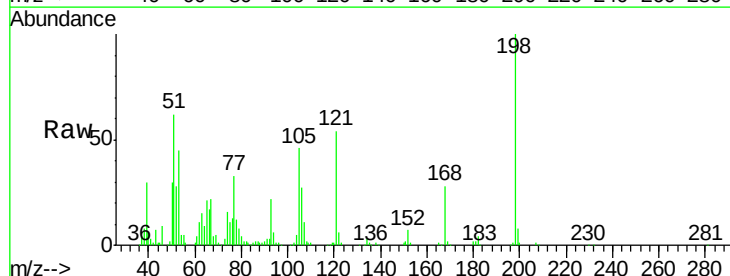
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

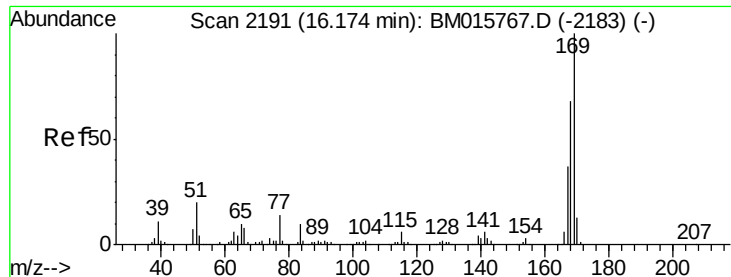
Tgt Ion:188 Resp: 595216
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 9.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 46.756 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:198 Resp: 169185
Ion Ratio Lower Upper
198 100
51 62.0 28.8 68.8
105 46.2 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 47.429 ng

RT: 16.17 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

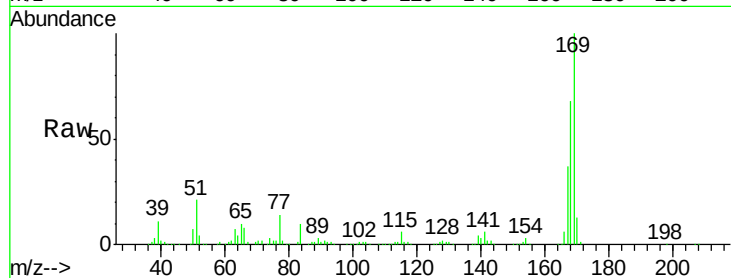
Tgt Ion:169 Resp: 967317

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

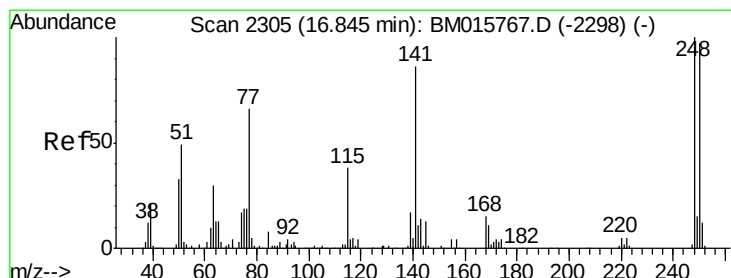
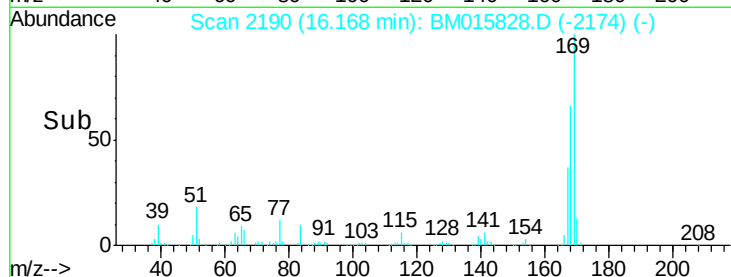
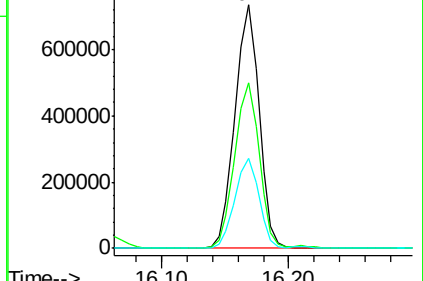
167 37.1 28.9 43.3



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



#66

4-Bromophenyl-phenylether

Concen: 51.487 ng

RT: 16.84 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

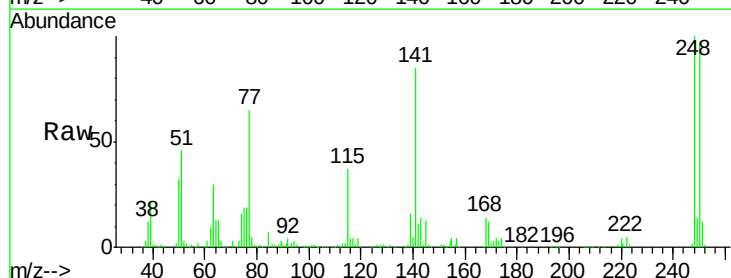
Tgt Ion:248 Resp: 342172

Ion Ratio Lower Upper

248 100

250 97.0 77.4 116.0

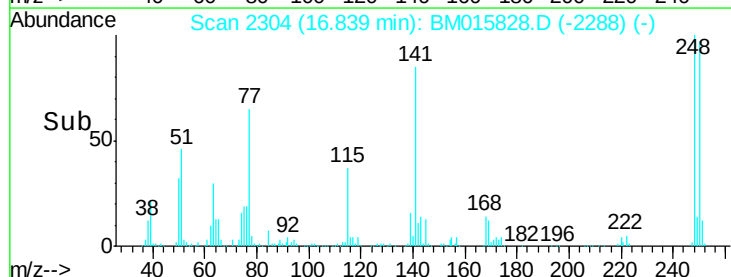
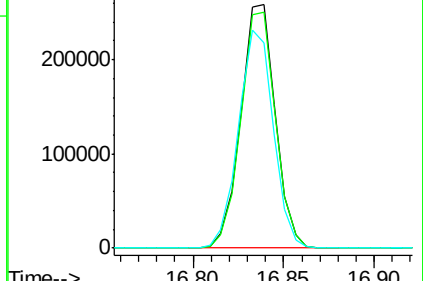
141 84.5 45.2 67.8#

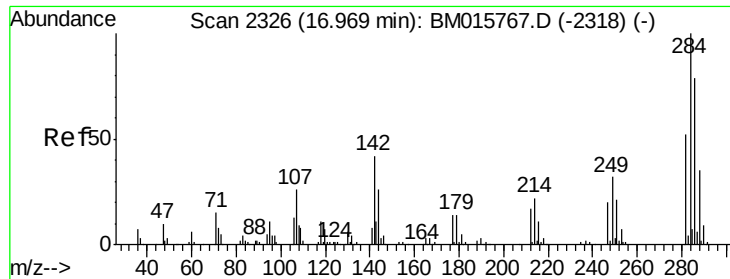


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

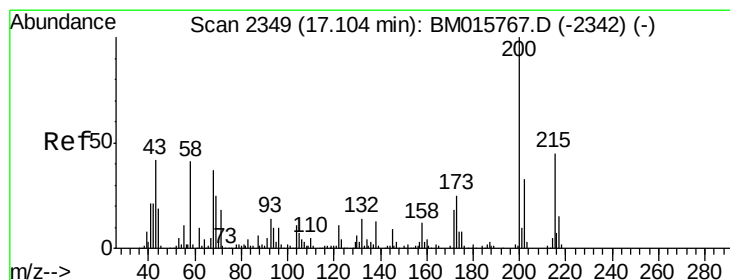
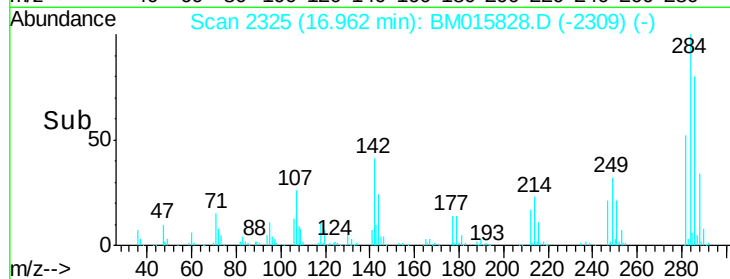
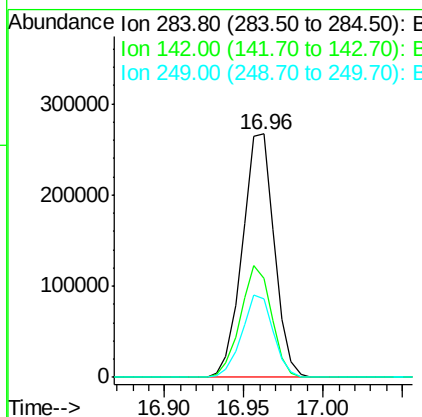
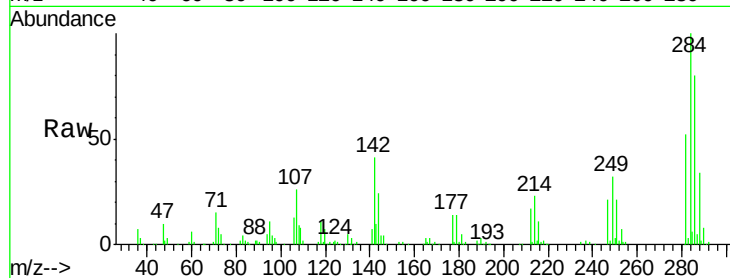




#67
Hexachlorobenzene
Concen: 50.088 ng
RT: 16.96 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

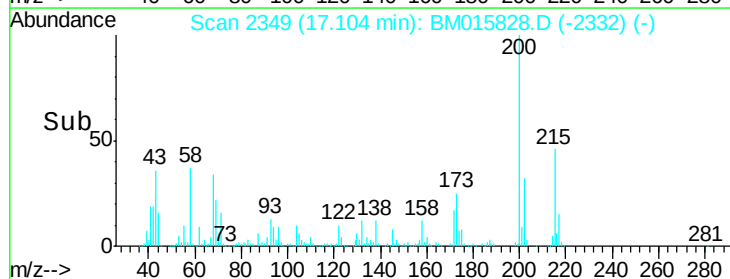
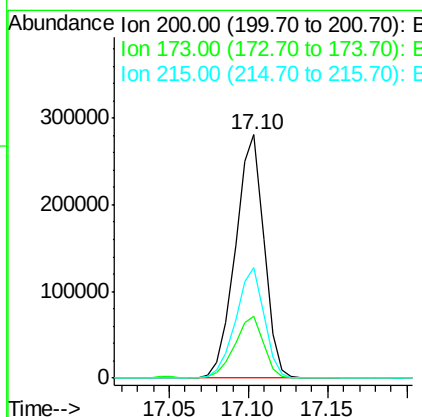
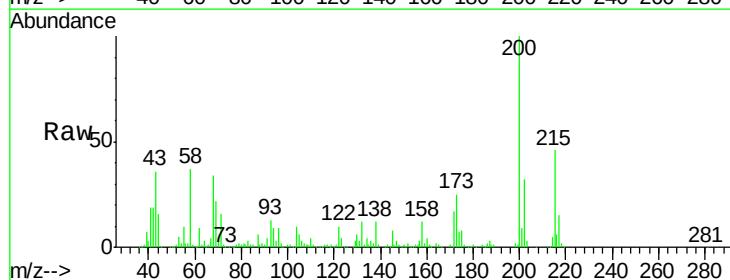
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

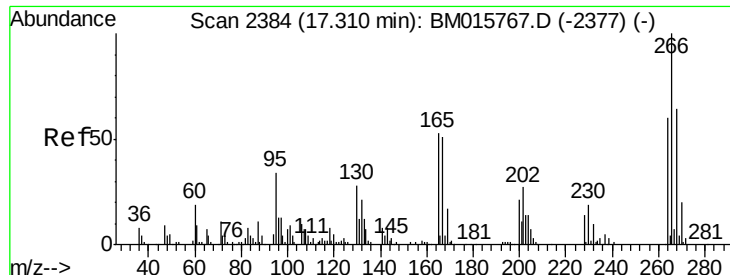
Tgt Ion:284 Resp: 371963
Ion Ratio Lower Upper
284 100
142 40.8 20.4 30.6#
249 32.3 23.8 35.6



#68
Atrazine
Concen: 52.288 ng
RT: 17.10 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:200 Resp: 350778
Ion Ratio Lower Upper
200 100
173 25.2 4.8 44.8
215 45.5 26.9 66.9





#69

Pentachlorophenol

Concen: 86.863 ng

RT: 17.30 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

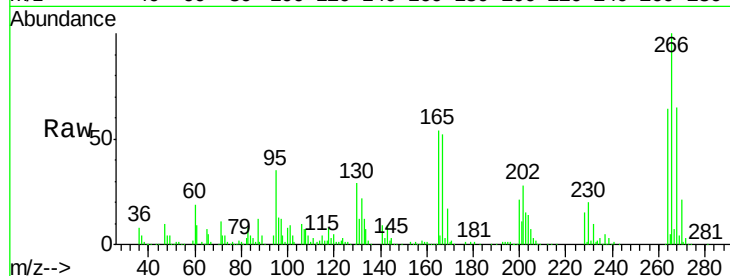
Tgt Ion:266 Resp: 399155

Ion Ratio Lower Upper

266 100

268 65.1 52.0 78.0

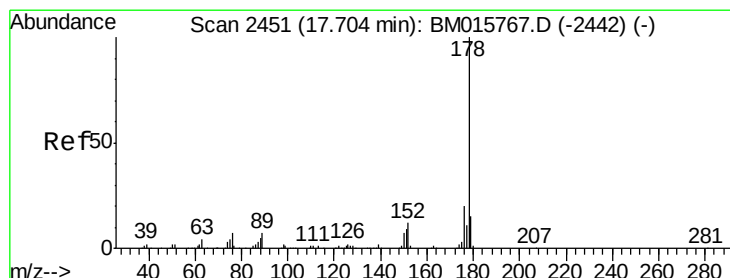
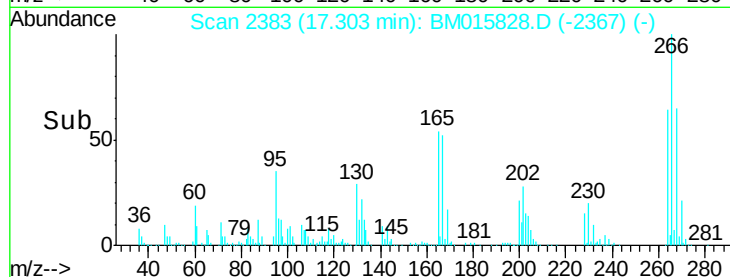
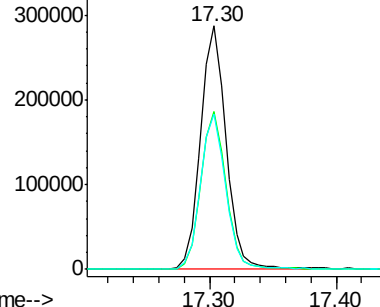
264 63.5 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 49.060 ng

RT: 17.70 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

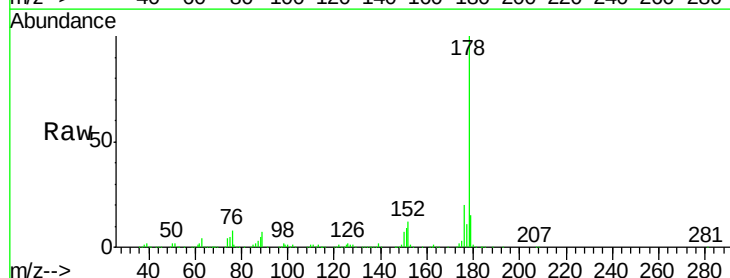
Tgt Ion:178 Resp: 1670634

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

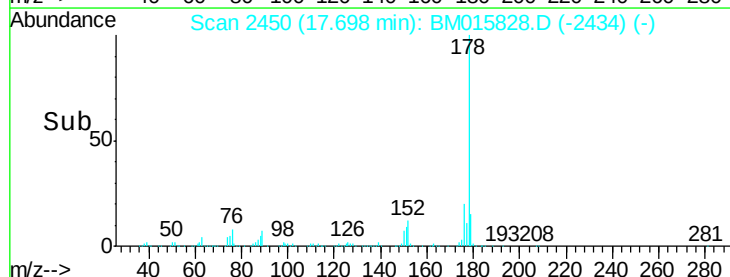
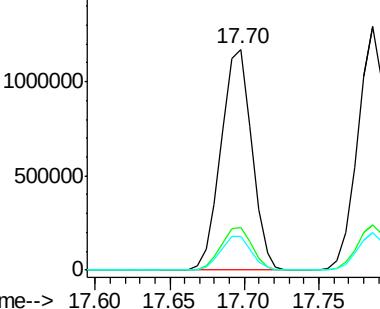
179 15.0 12.1 18.1

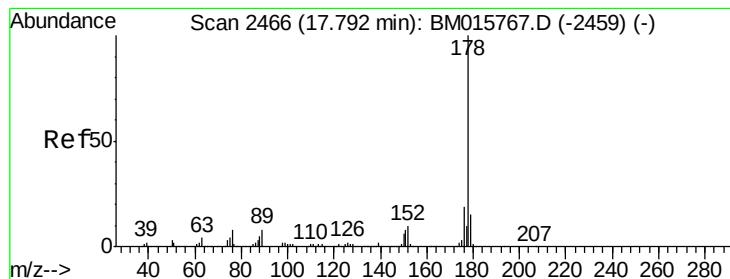


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.892 ng

RT: 17.79 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

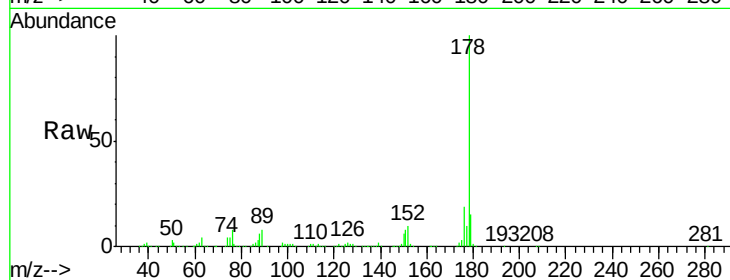
Tgt Ion:178 Resp: 1701907

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

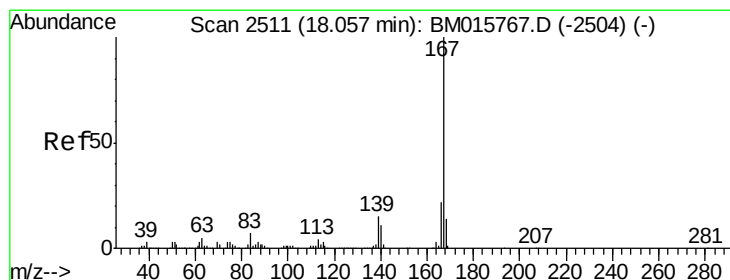
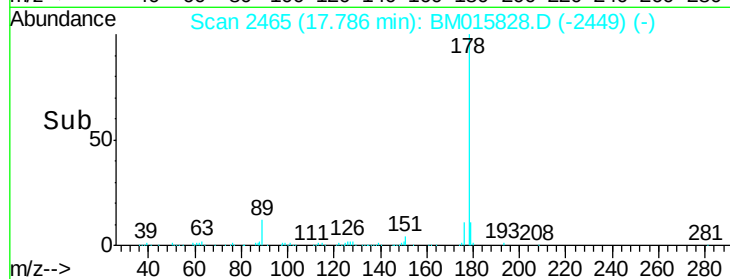
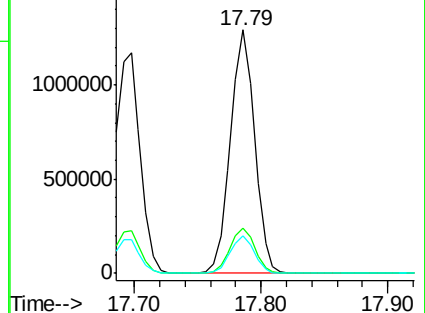
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.028 ng

RT: 18.06 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

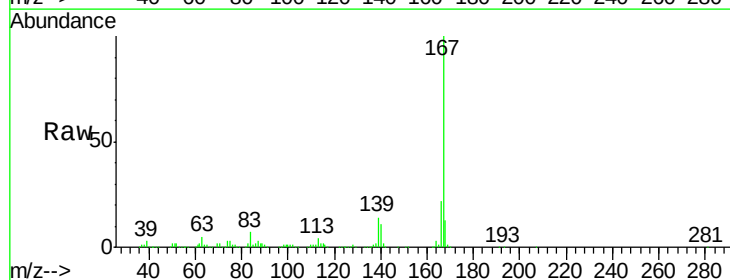
Tgt Ion:167 Resp: 1465515

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

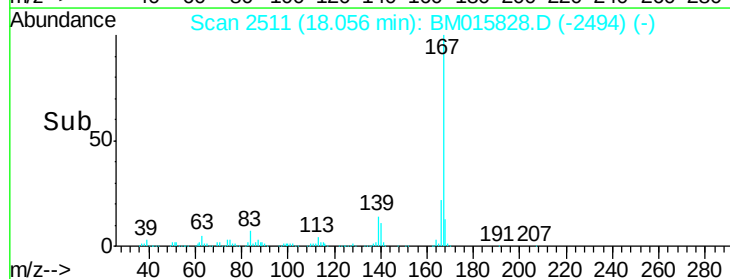
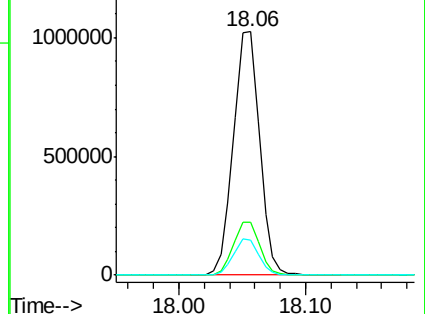
139 14.3 10.8 16.2

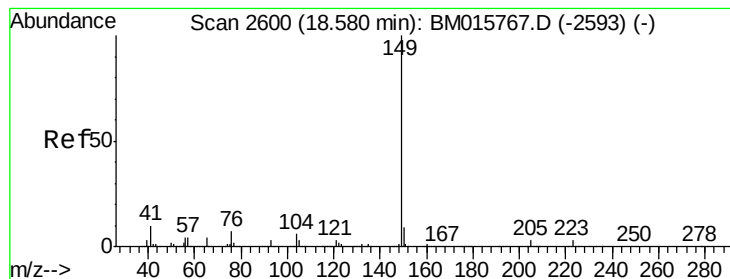


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.460 ng

RT: 18.57 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

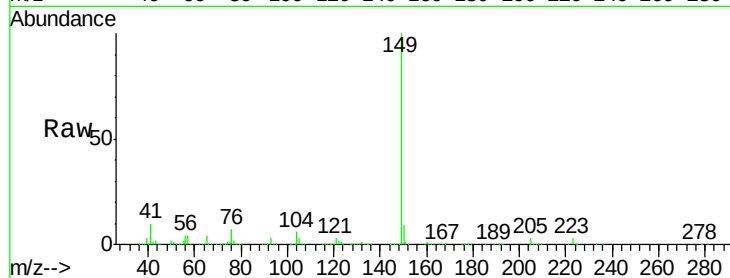
Tgt Ion:149 Resp: 2035453

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

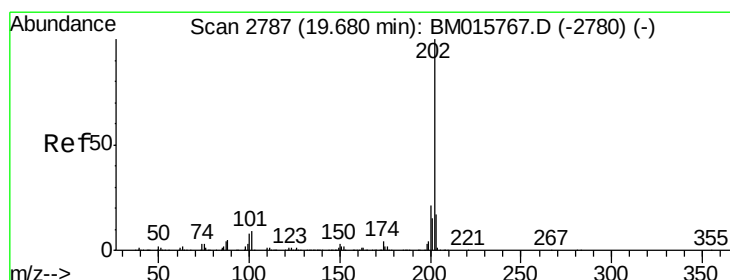
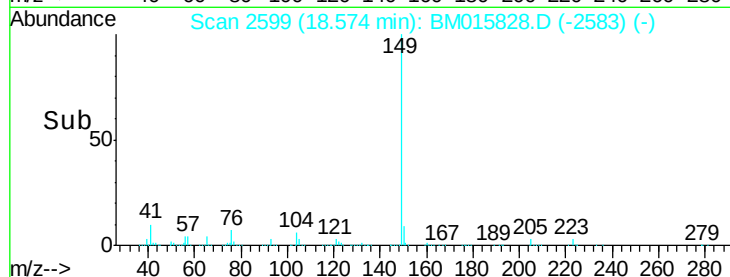
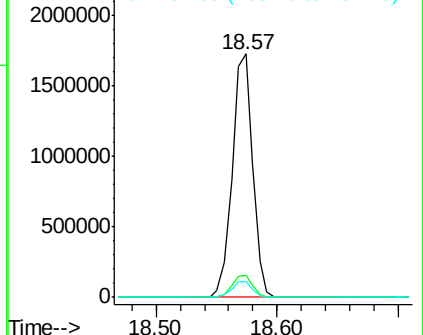
104 6.3 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.407 ng

RT: 19.67 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

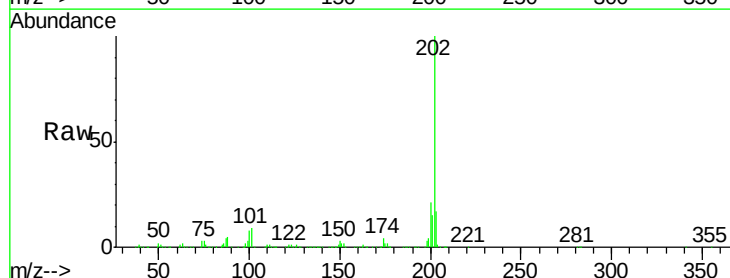
Tgt Ion:202 Resp: 1738410

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.7

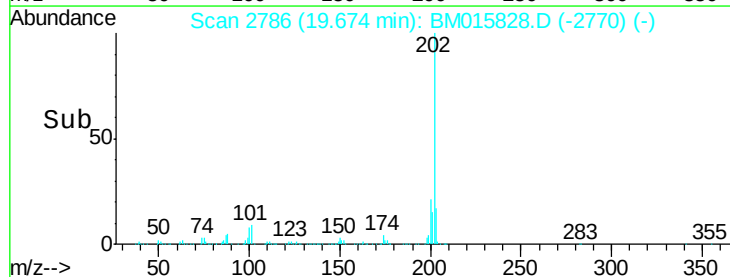
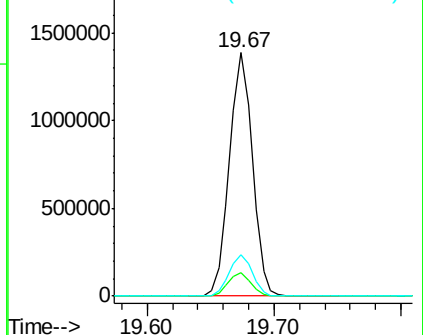
203 17.3 0.0 37.2

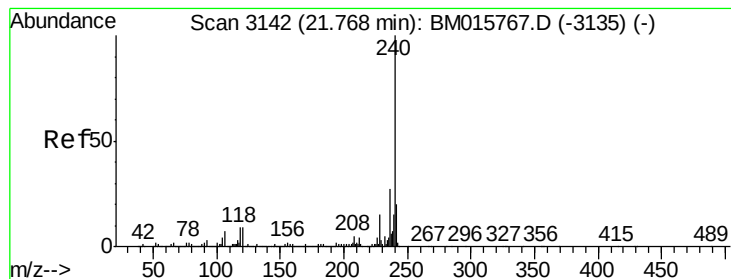


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

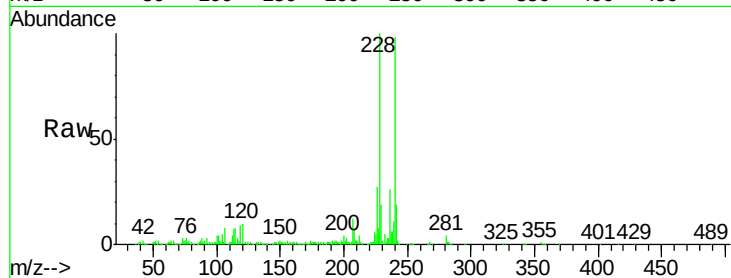
Tgt Ion:240 Resp: 460672

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

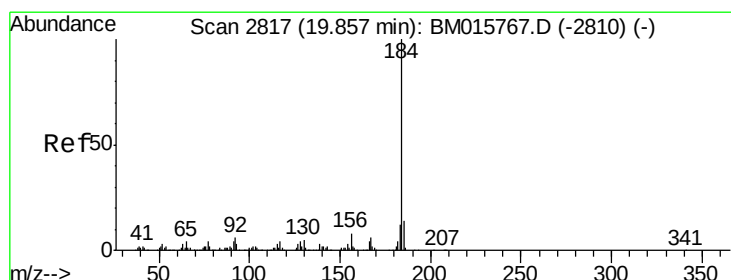
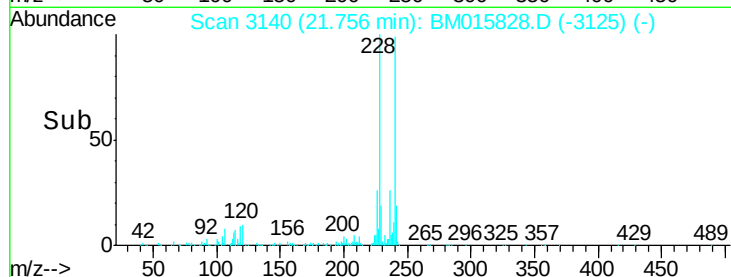
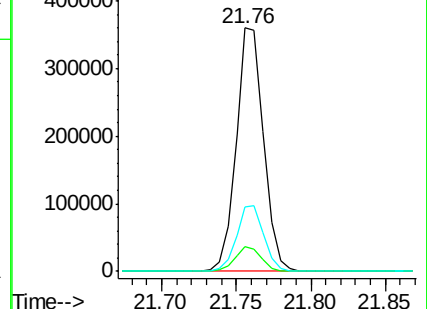
236 26.4 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.464 ng

RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

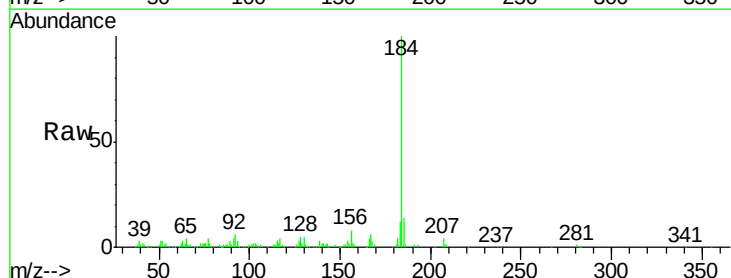
Tgt Ion:184 Resp: 222218

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

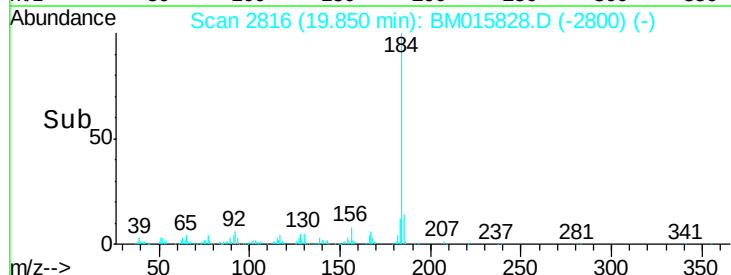
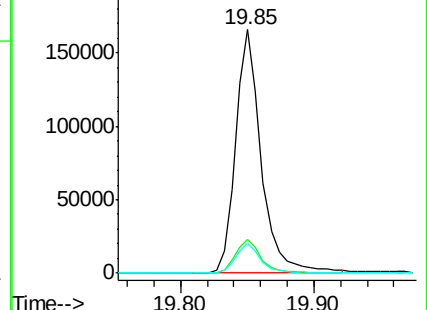
183 12.3 8.9 13.3

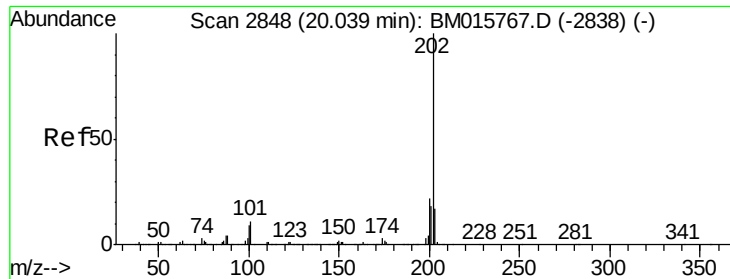


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

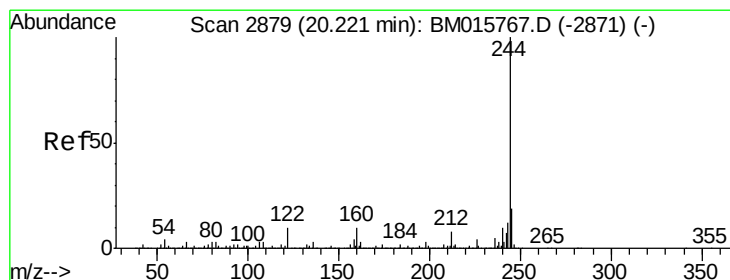
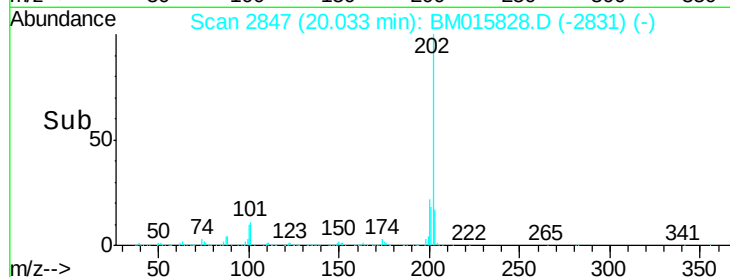
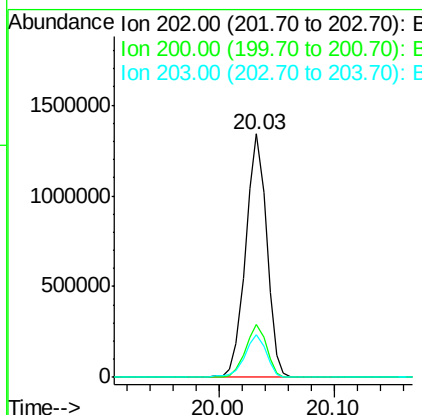
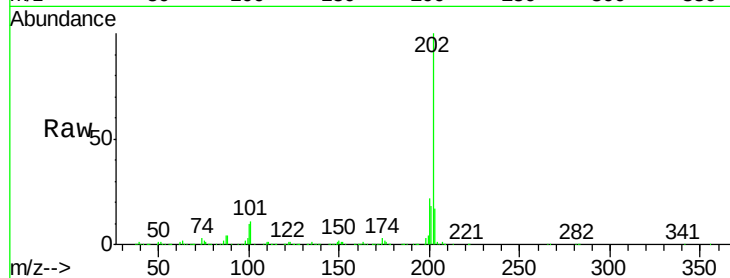




#77
 Pyrene
 Concen: 59.287 ng
 RT: 20.03 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

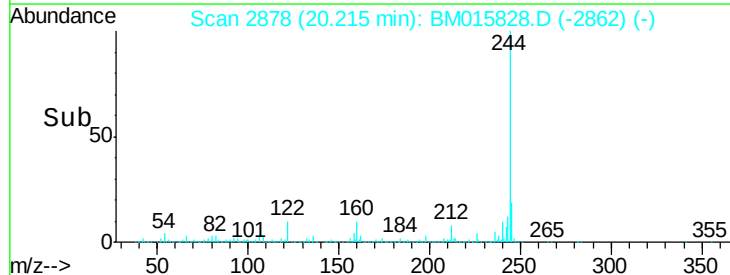
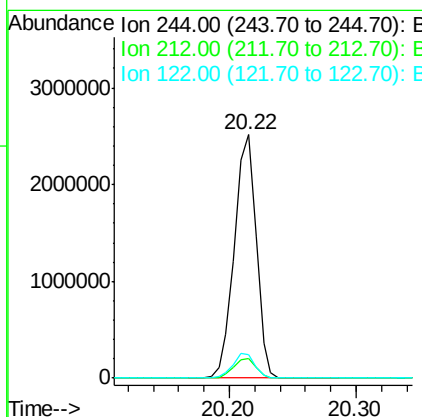
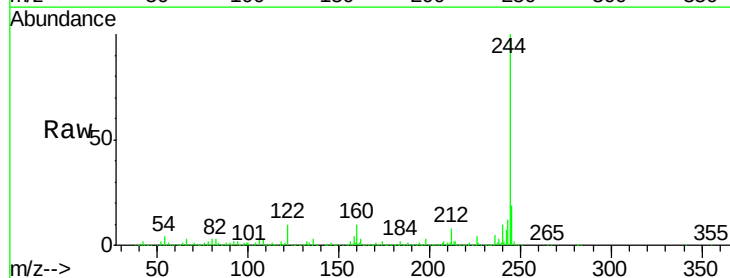
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

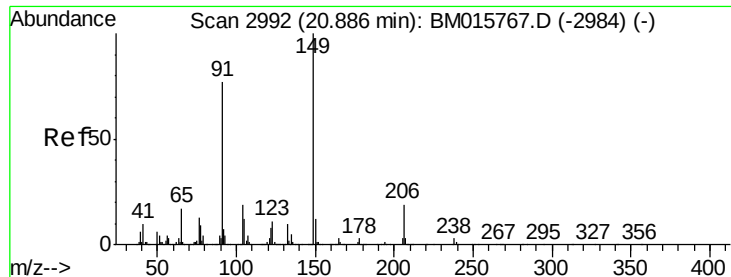
Tgt Ion:202 Resp: 1701313
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.9 25.3
 203 17.4 14.1 21.1



#78
 Terphenyl-d14
 Concen: 59.287 ng
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:244 Resp: 2981899
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.9 7.3#
 122 9.9 6.2 9.4#

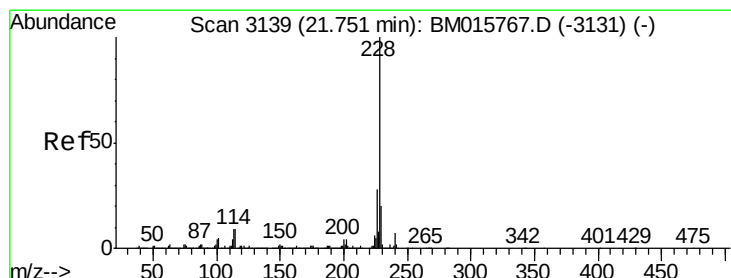
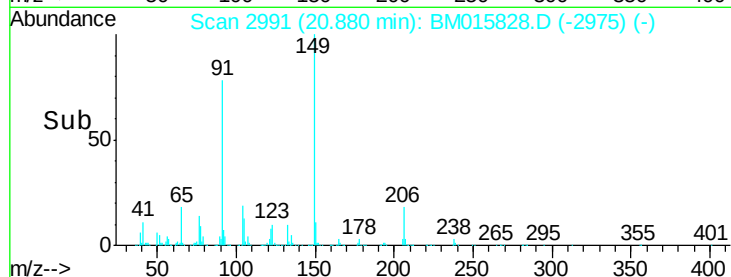
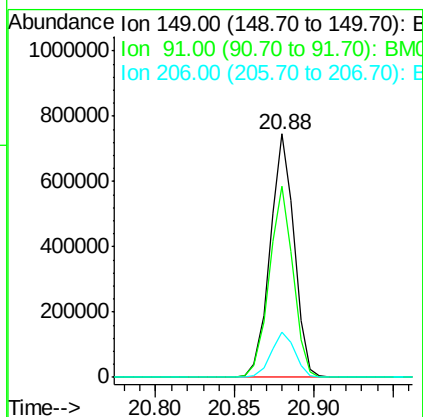
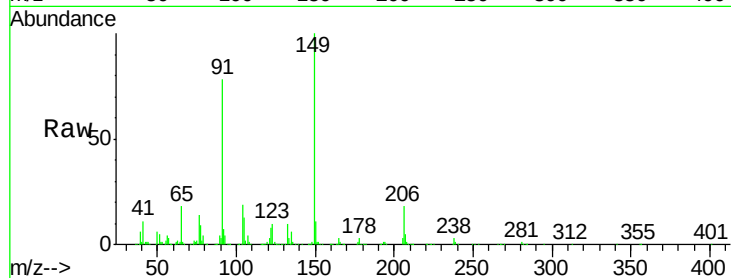




#79
Butylbenzylphthalate
Concen: 56.705 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

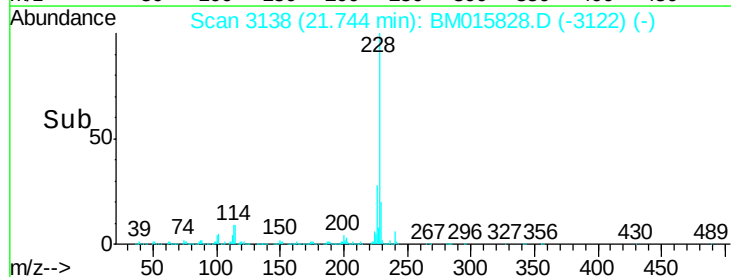
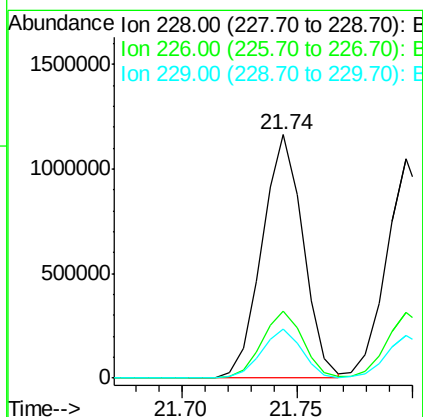
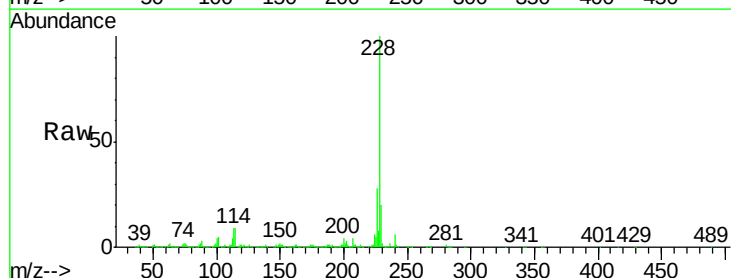
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

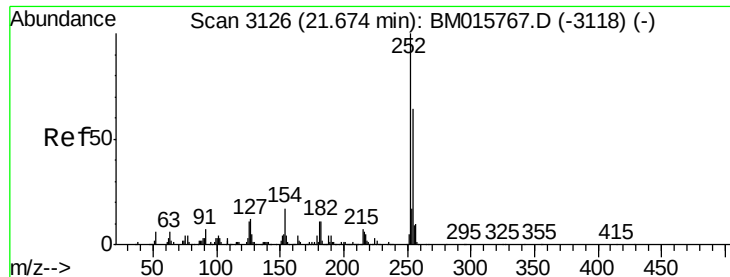
Tgt Ion:149 Resp: 786571
Ion Ratio Lower Upper
149 100
91 78.4 50.1 75.1#
206 18.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 49.129 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:228 Resp: 1434962
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.0 16.0 24.0

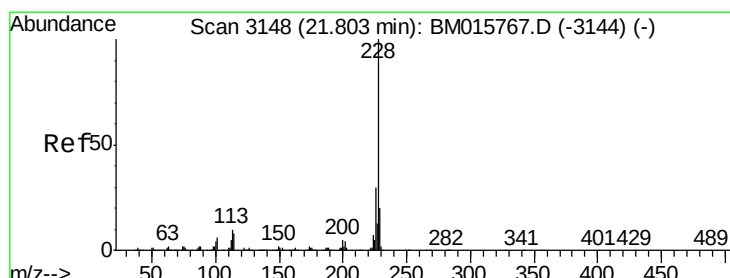
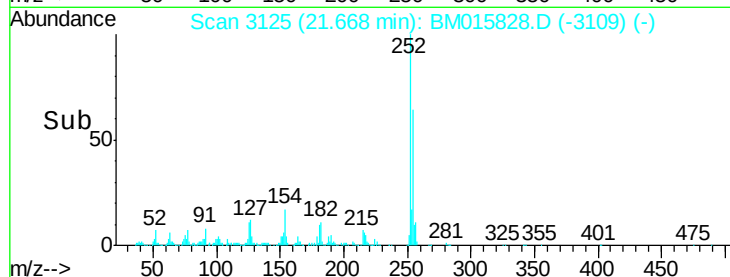
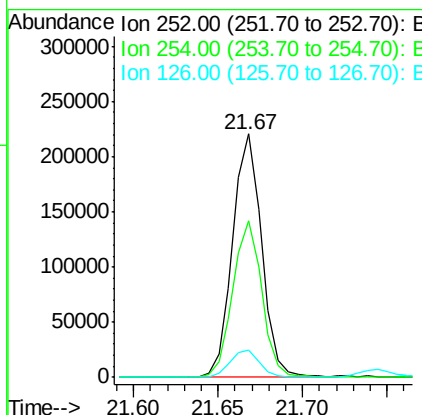
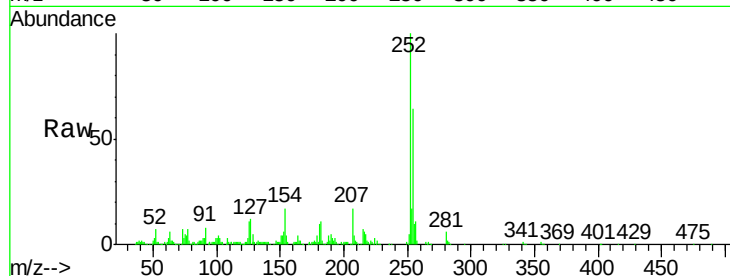




#81
 3,3'-Dichlorobenzidine
 Concen: 25.195 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

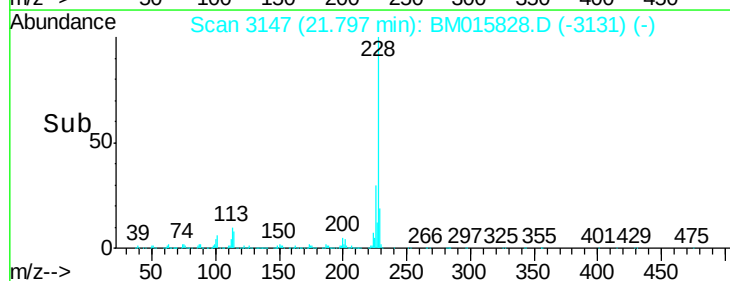
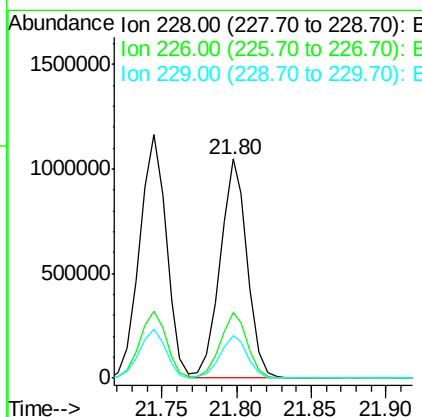
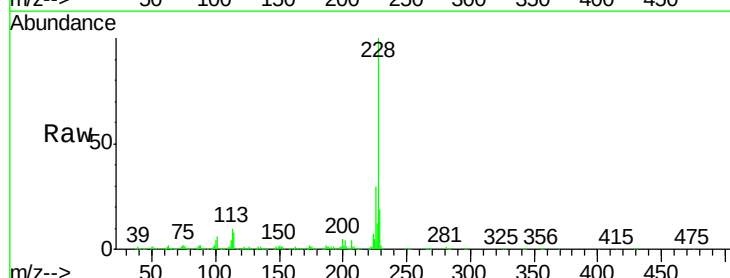
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

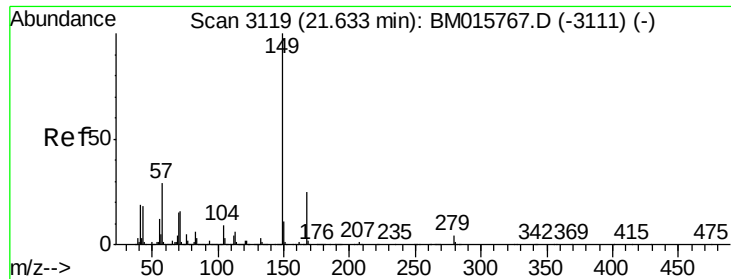
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	11.4	9.8	14.8



#82
 Chrysene
 Concen: 48.626 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.3	15.5	23.3

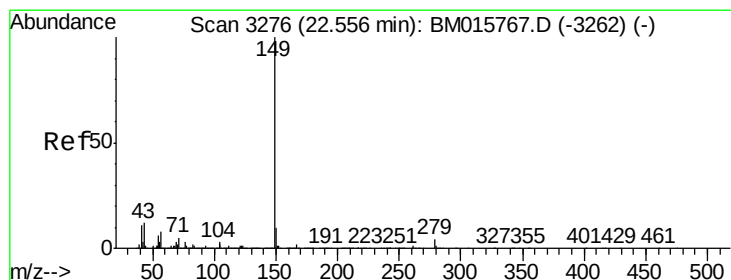
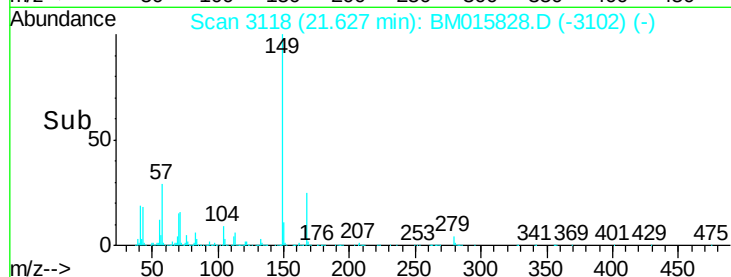
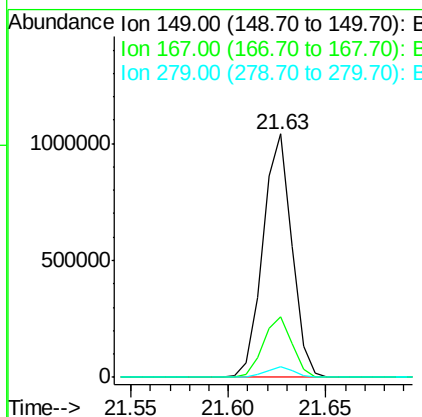
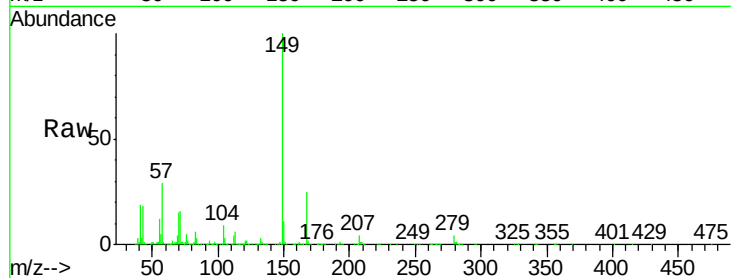




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.035 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

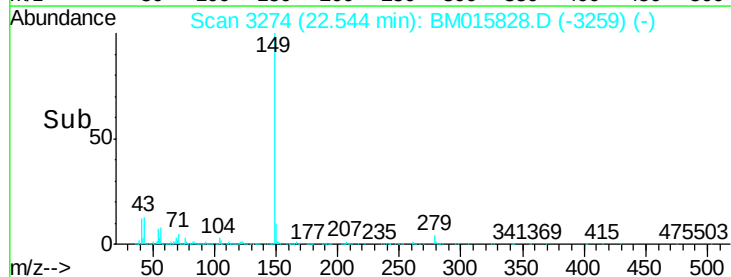
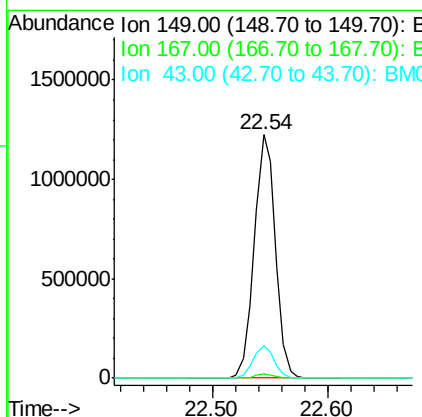
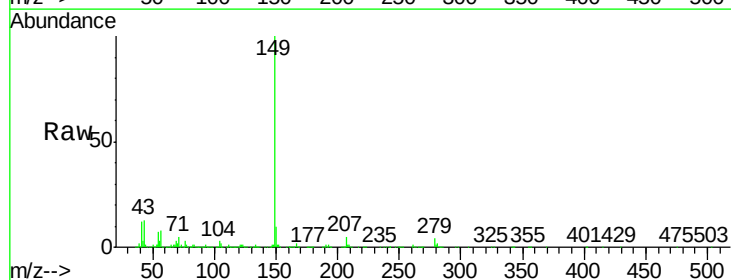
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

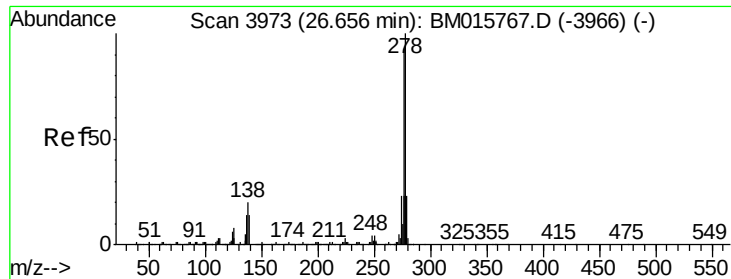
Tgt Ion:149 Resp: 1066497
 Ion Ratio Lower Upper
 149 100
 167 25.1 22.4 33.6
 279 4.1 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 46.636 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:149 Resp: 1558571
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 7.3 10.9#

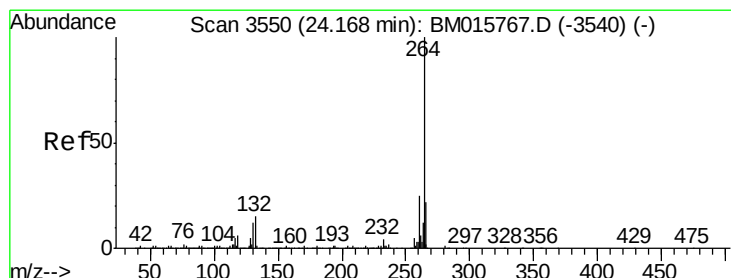
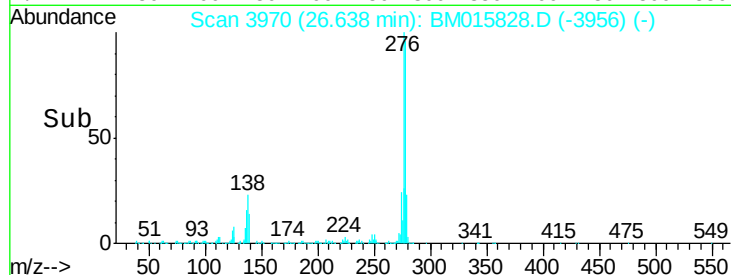
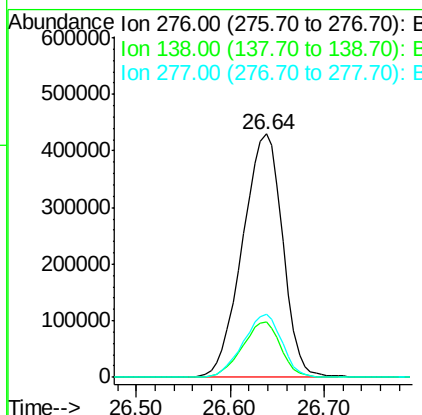
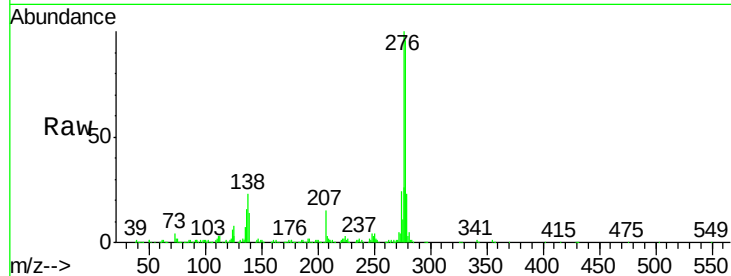




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.319 ng
 RT: 26.64 min Scan# 3970
 Delta R.T. -0.02 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

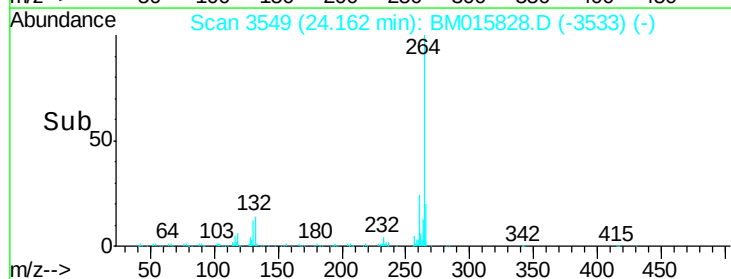
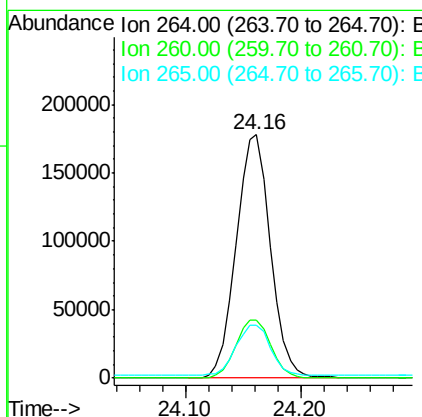
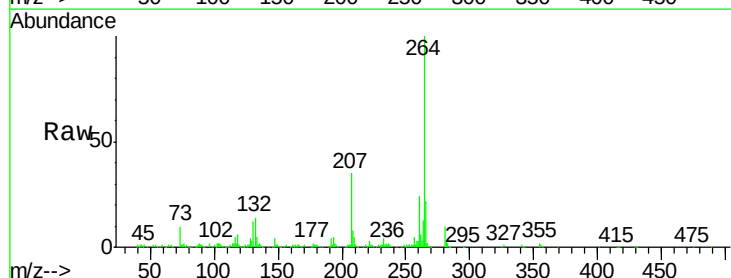
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318MSD

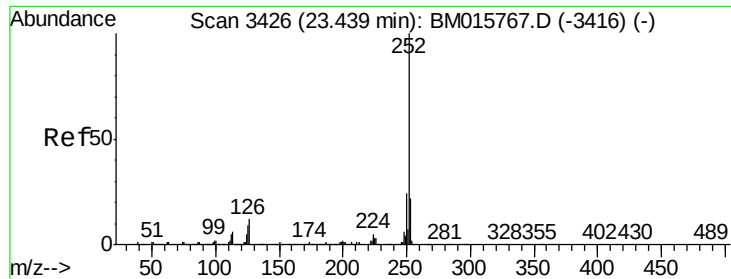
Tgt Ion:276 Resp: 1272018
 Ion Ratio Lower Upper
 276 100
 138 21.9 12.0 18.0#
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3549
 Delta R.T. -0.01 min
 Lab File: BM015828.D
 Acq: 07 Jul 2018 07:24

Tgt Ion:264 Resp: 366449
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.6 17.3 25.9

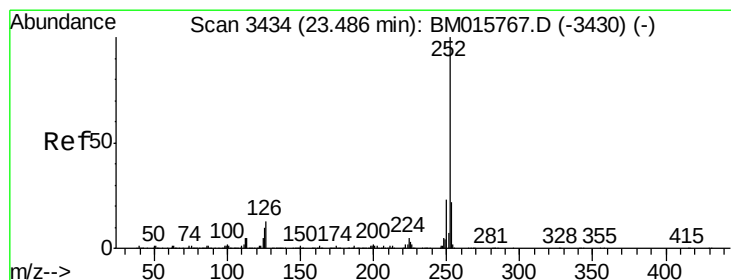
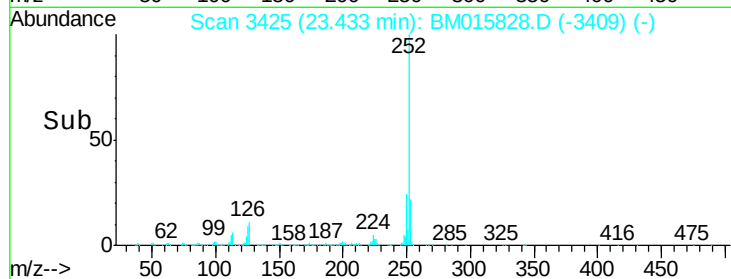
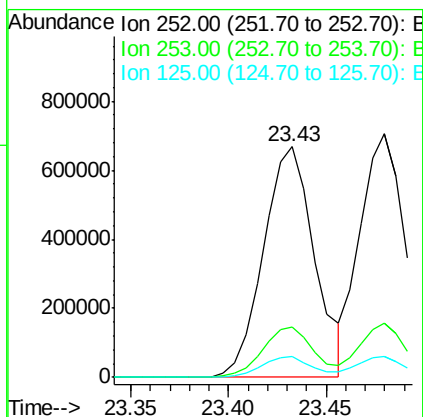
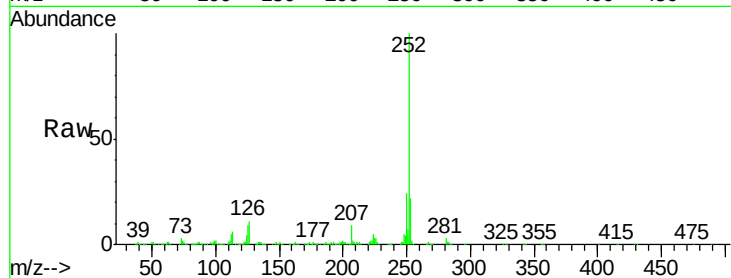




#87
Benzo(b)fluoranthene
Concen: 49.521 ng
RT: 23.43 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

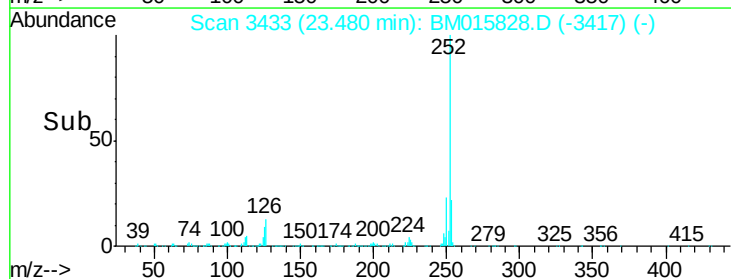
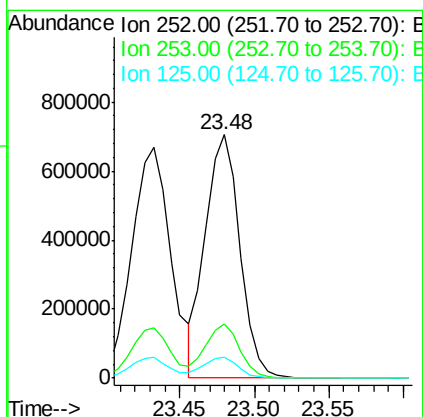
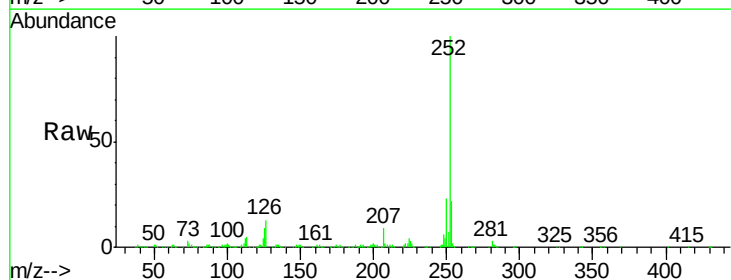
Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

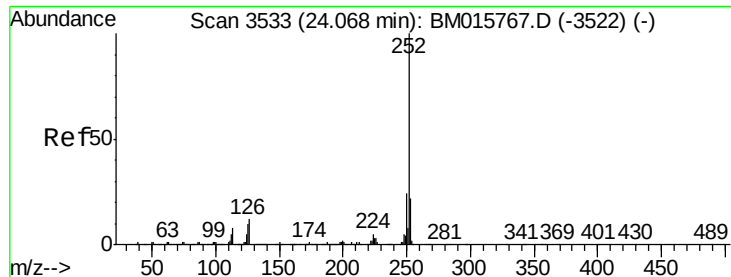
Tgt Ion:252 Resp: 1211560
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.8 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 47.507 ng
RT: 23.48 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM015828.D
Acq: 07 Jul 2018 07:24

Tgt Ion:252 Resp: 1129058
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.6 8.1 12.1





#89

Benzo(a)pyrene

Concen: 50.574 ng

RT: 24.06 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

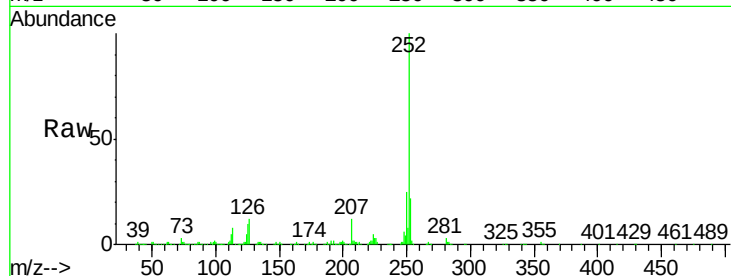
Tgt Ion:252 Resp: 1089199

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

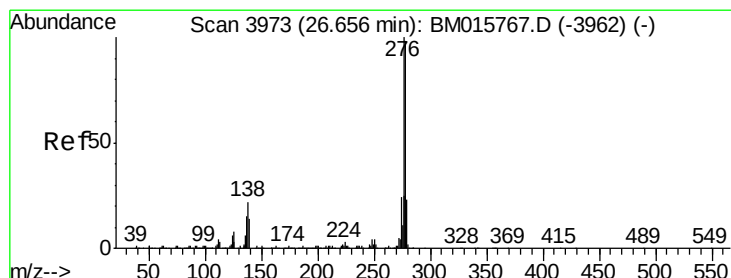
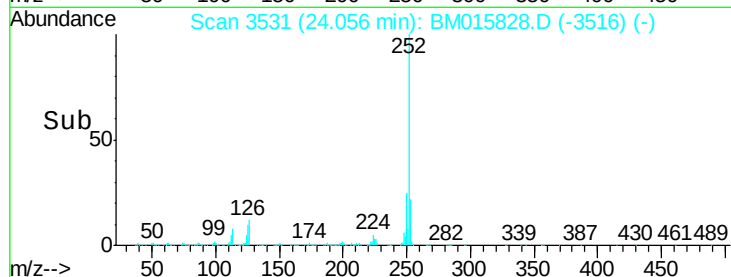
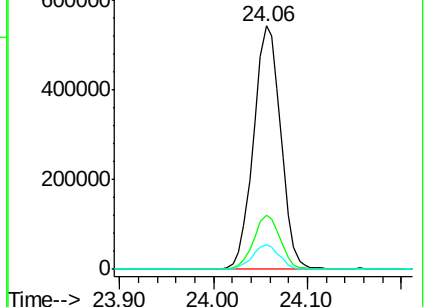
125 10.2 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 56.022 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

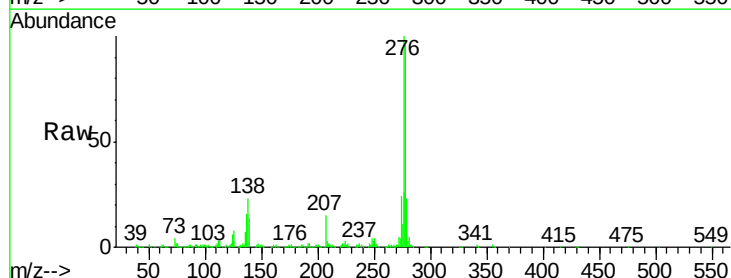
Tgt Ion:278 Resp: 1085543

Ion Ratio Lower Upper

278 100

139 14.0 13.4 20.0

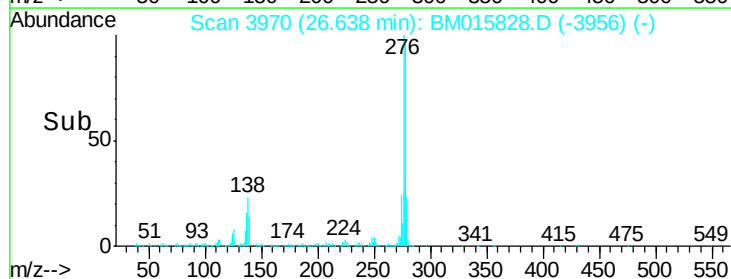
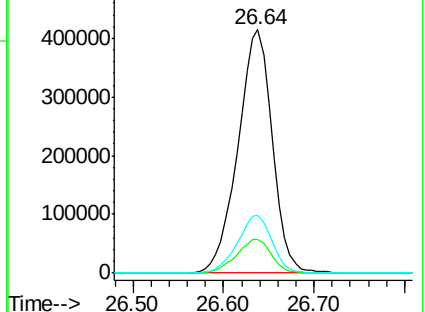
279 23.8 19.0 28.4

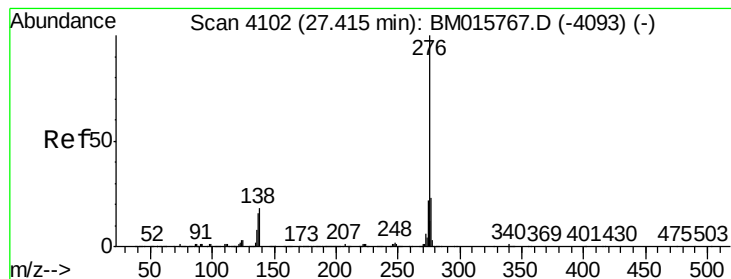


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.877 ng

RT: 27.40 min Scan# 4099

Delta R.T. -0.02 min

Lab File: BM015828.D

Acq: 07 Jul 2018 07:24

Instrument :

BNA_M

ClientSampleId :

BU-03-070318MSD

Tgt Ion:276 Resp: 1019435

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 19.0 19.0 28.6

