

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014166.D
 Acq On : 07 Feb 2018 18:19
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:14:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	64028	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	324130	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	260957	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	679633	20.00	ng	0.00
75) Chrysene-d12	21.17	240	820845	20.00	ng	0.00
86) Perylene-d12	23.35	264	708991	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	282466	76.89	ng	0.00
7) Phenol-d6	6.73	99	423833	81.46	ng	0.00
23) Nitrobenzene-d5	8.70	82	615565	84.83	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	320893	86.66	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1626095	77.79	ng	0.00
78) Terphenyl-d14	19.61	244	3268019	77.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	58643	38.85	ng	# 100
3) Pyridine	3.53	79	165814	39.67	ng	# 89
4) n-Nitrosodimethylamine	3.45	42	118786	44.61	ng	# 41
6) Aniline	6.89	93	268662	40.51	ng	# 91
8) 2-Chlorophenol	7.12	128	166503	39.88	ng	91
9) Benzaldehyde	6.70	77	150412	40.17	ng	87
10) Phenol	6.76	94	204690	39.85	ng	96
11) bis(2-Chloroethyl)ether	6.99	93	159690	39.33	ng	90
12) 1,3-Dichlorobenzene	7.43	146	203903	39.07	ng	# 80
13) 1,4-Dichlorobenzene	7.58	146	209009	39.87	ng	# 91
14) 1,2-Dichlorobenzene	7.89	146	207390	39.31	ng	# 91
15) Benzyl Alcohol	7.80	79	202969	42.10	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.07	45	162114	39.26	ng	82
17) 2-Methylphenol	8.00	107	161392	41.06	ng	# 83
18) Hexachloroethane	8.60	117	96100	42.41	ng	91
19) n-Nitroso-di-n-propylamine	8.36	70	194716	43.45	ng	93
20) 3+4-Methylphenols	8.33	107	227426	39.95	ng	87
22) Acetophenone	8.37	105	359219	38.54	ng	# 86
24) Nitrobenzene	8.75	77	300889	40.27	ng	95
25) Isophorone	9.27	82	476815	39.66	ng	# 91
26) 2-Nitrophenol	9.45	139	114781	40.73	ng	# 42
27) 2,4-Dimethylphenol	9.52	122	168607	39.25	ng	# 80
28) bis(2-Chloroethoxy)methane	9.75	93	248662	40.33	ng	94
29) 2,4-Dichlorophenol	9.98	162	201195	41.92	ng	94
30) 1,2,4-Trichlorobenzene	10.19	180	260898	41.23	ng	97
31) Naphthalene	10.37	128	723568	40.77	ng	99
32) Benzoic acid	9.71	122	138380	38.79	ng	# 80
33) 4-Chloroaniline	10.50	127	304622	41.29	ng	# 82
34) Hexachlorobutadiene	10.64	225	179553	41.37	ng	95
35) Caprolactam	11.30	113	67251	39.18	ng	# 85
36) 4-Chloro-3-methylphenol	11.63	107	265546	44.65	ng	# 83
37) 2-Methylnaphthalene	11.99	142	573984	42.94	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	346976	37.95	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	173160	35.99	ng	94

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

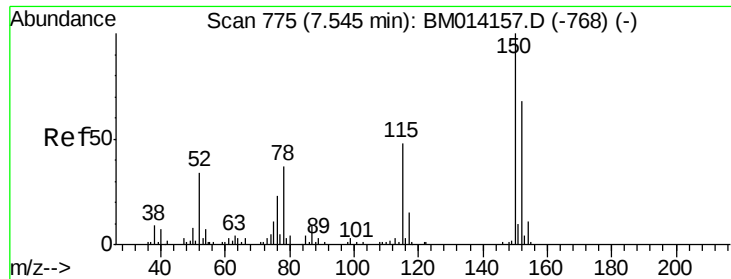
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:14:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.62	196	207045	38.54	nq	98
43) 2,4,5-Trichlorophenol	12.70	196	232559	39.21	nq	# 84
45) 1,1'-Biphenyl	13.03	154	878948	38.88	nq	98
46) 2-Chloronaphthalene	13.06	162	670266	39.06	nq	# 93
47) 2-Nitroaniline	13.29	65	253919	40.21	nq	# 77
48) Acenaphthylene	13.92	152	1122130	39.88	nq	100
49) Dimethylphthalate	13.67	163	927088	39.68	nq	99
50) 2,6-Dinitrotoluene	13.80	165	189785	39.59	nq	# 51
51) Acenaphthene	14.27	154	690343	39.80	nq	98
52) 3-Nitroaniline	14.13	138	195261	39.38	nq	# 64
53) 2,4-Dinitrophenol	14.36	184	88754	37.08	nq	# 87
54) Dibenzofuran	14.60	168	1114401	41.12	nq	# 87
55) 4-Nitrophenol	14.46	139	135061	37.68	nq	86
56) 2,4-Dinitrotoluene	14.60	165	300996	40.69	nq	# 77
57) Fluorene	15.26	166	978999	41.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.84	232	238121	40.75	nq	# 100
59) Diethylphthalate	15.04	149	1077097	41.54	nq	96
60) 4-Chlorophenyl-phenylether	15.26	204	505179	40.76	nq	93
61) 4-Nitroaniline	15.31	138	208631	42.05	nq	# 25
62) Azobenzene	15.55	77	1161179	43.12	nq	83
64) 4,6-Dinitro-2-methylphenol	15.37	198	176579	39.10	nq	91
65) n-Nitrosodiphenylamine	15.48	169	868549	40.48	nq	99
66) 4-Bromophenyl-phenylether	16.16	248	322435	40.48	nq	# 86
67) Hexachlorobenzene	16.26	284	354382	40.52	nq	# 76
68) Atrazine	16.44	200	345253	42.90	nq	99
69) Pentachlorophenol	16.62	266	211828	38.68	nq	97
70) Phenanthrene	17.00	178	1688854	41.19	nq	99
71) Anthracene	17.09	178	1688716	42.27	nq	99
72) Carbazole	17.37	167	1560316	41.55	nq	99
73) Di-n-butylphthalate	17.94	149	2077034	43.22	nq	# 96
74) Fluoranthene	19.03	202	2088191	43.26	nq	99
76) Benzidine	19.23	184	993709	40.65	nq	99
77) Pyrene	19.39	202	2192284	38.44	nq	99
79) Butylbenzylphthalate	20.31	149	999330	38.91	nq	# 78
80) Benzo(a)anthracene	21.16	228	2155255	40.41	nq	98
81) 3,3'-Dichlorobenzidine	21.10	252	804010	40.33	nq	# 97
82) Chrysene	21.21	228	2061291	39.84	nq	100
83) Bis(2-ethylhexyl)phthalate	21.09	149	1539362	41.09	nq	97
84) Di-n-octyl phthalate	21.96	149	2200640	42.44	nq	96
85) Indeno(1,2,3-cd)pyrene	25.52	276	1719747	42.28	nq	98
87) Benzo(b)fluoranthene	22.70	252	2043551	41.54	nq	# 94
88) Benzo(k)fluoranthene	22.74	252	1874114	40.07	nq	# 98
89) Benzo(a)pyrene	23.26	252	1764167	40.69	nq	98
90) Dibenzo(a,h)anthracene	25.53	278	1449882	40.92	nq	# 95
91) Benzo(g,h,i)perylene	26.18	276	1360302	41.07	nq	# 90

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

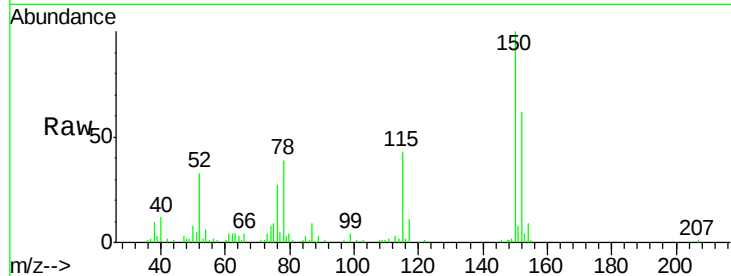


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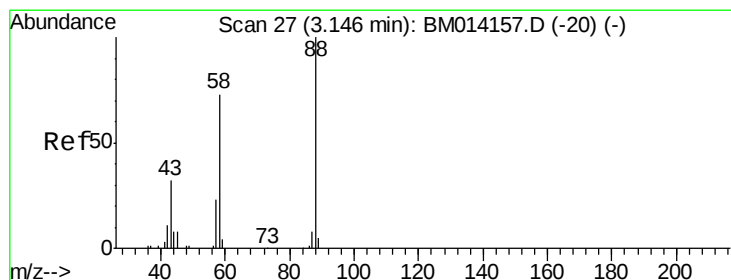
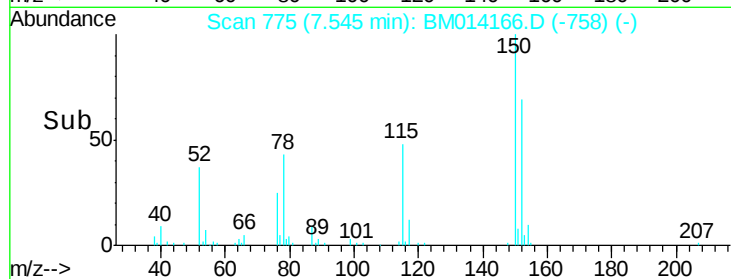
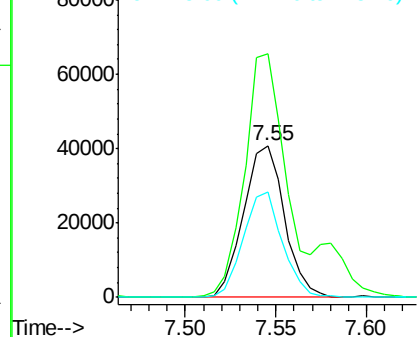
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64028
Ion Ratio Lower Upper
152 100
150 160.2 119.5 179.3
115 69.2 43.0 64.4#



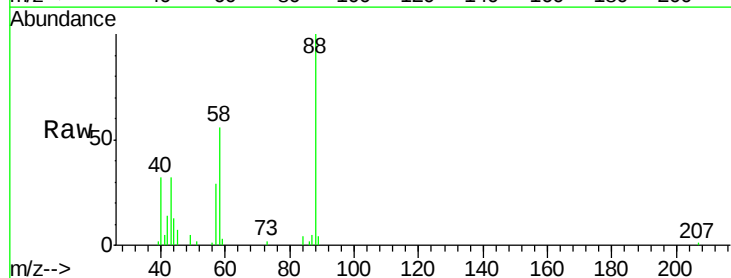
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



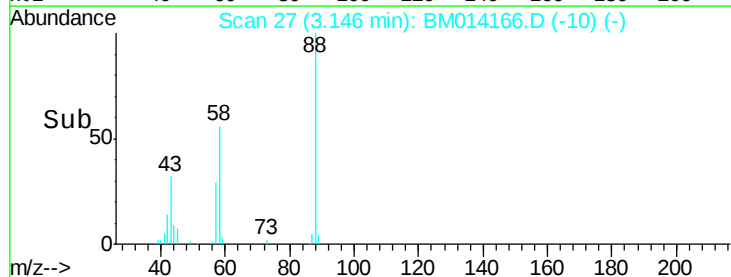
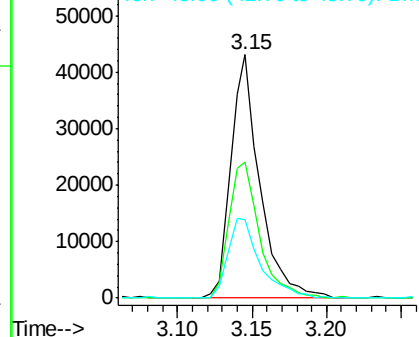
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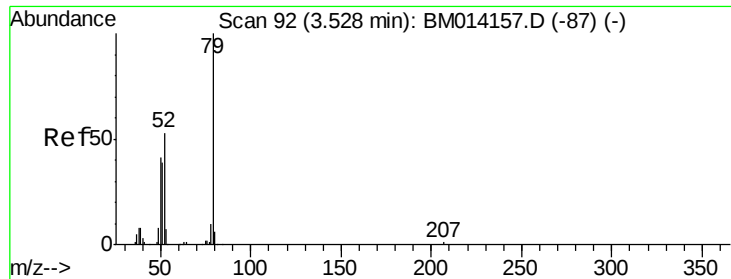
1,4-Dioxane
Concen: 38.85 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion: 88 Resp: 58643
Ion Ratio Lower Upper
88 100
58 58.9 0.0 0.0#
43 36.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BMC
Ion 58.00 (57.70 to 58.70): BMC
Ion 43.00 (42.70 to 43.70): BMC

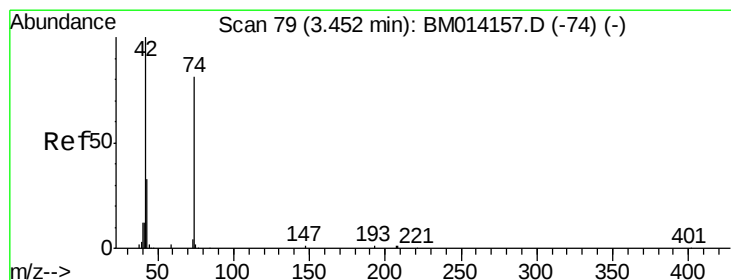
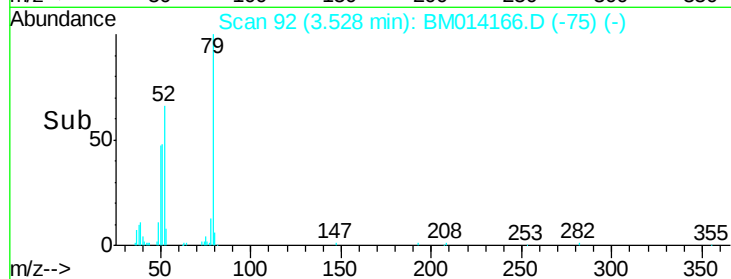
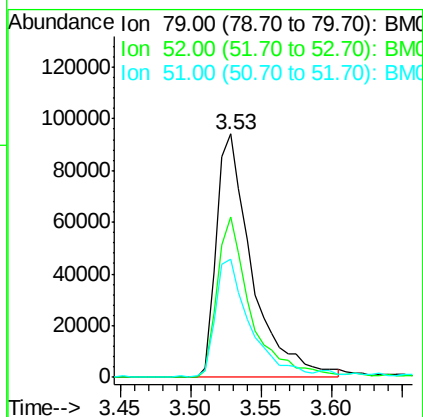
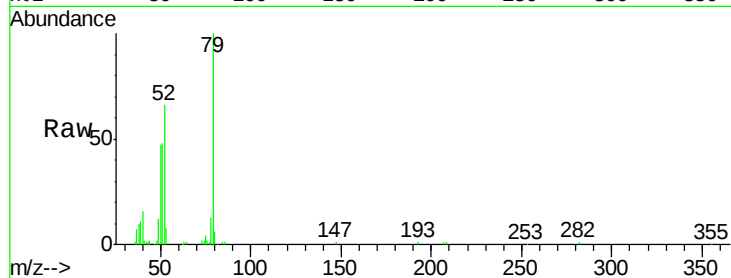




#3
 Pvridine
 Concen: 39.67 ng
 RT: 3.53 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

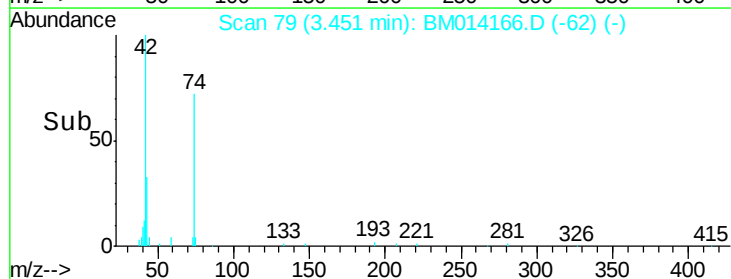
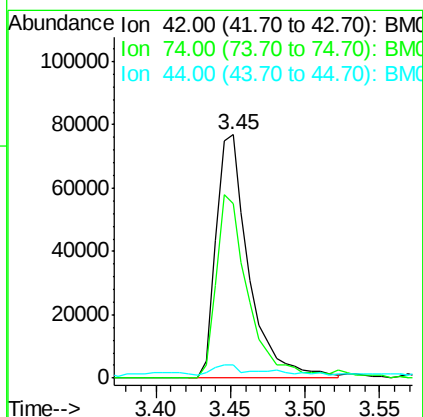
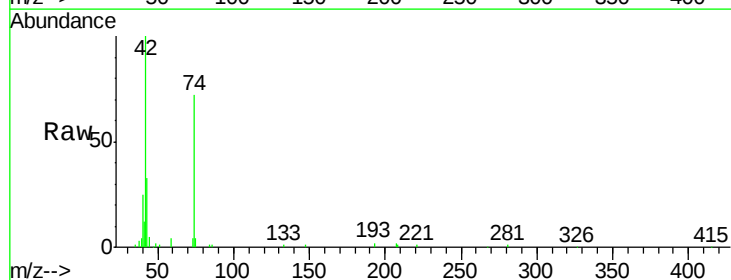
Instrument :
 BNA_F
 ClientSampleId :

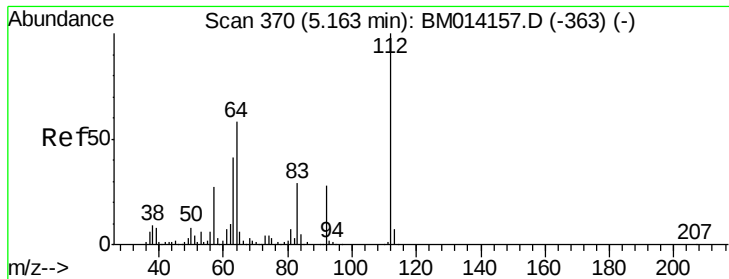
Tot Ion: 79 Resp: 165814
 Ion Ratio Lower Upper
 79 100
 52 65.8 51.1 76.7
 51 48.3 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 44.61 ng
 RT: 3.45 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion: 42 Resp: 118786
 Ion Ratio Lower Upper
 42 100
 74 71.9 119.3 178.9#
 44 5.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 76.89 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

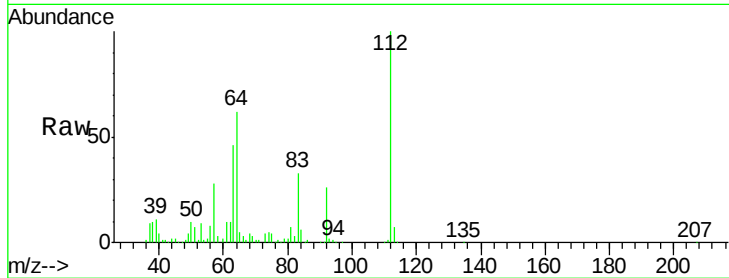
Tot Ion:112 Resp: 282466

Ion Ratio Lower Upper

112 100

64 62.5 38.6 57.8#

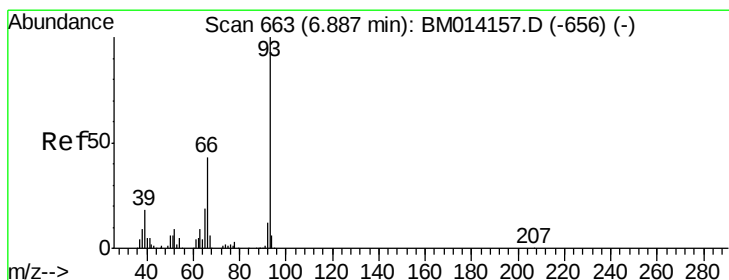
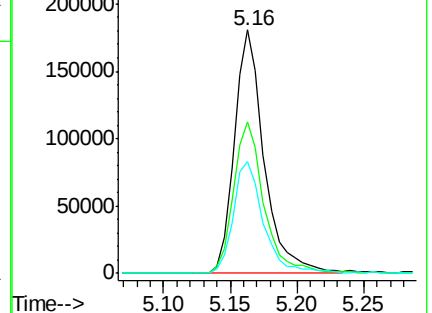
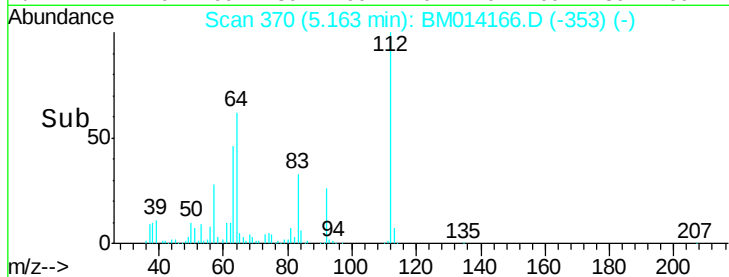
63 45.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 40.51 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

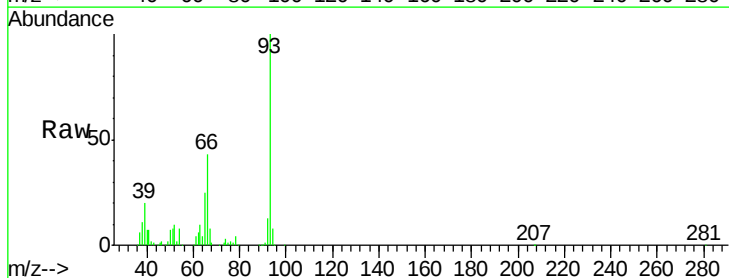
Tgt Ion: 93 Resp: 268662

Ion Ratio Lower Upper

93 100

66 43.1 30.8 46.2

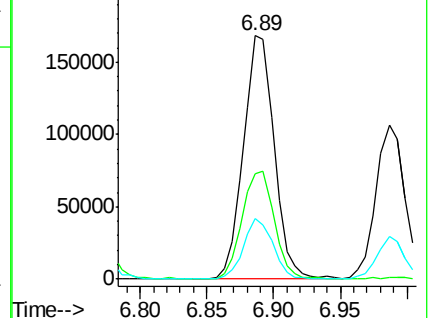
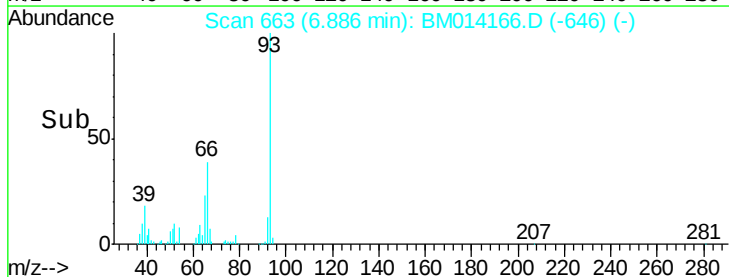
65 25.0 16.0 24.0#

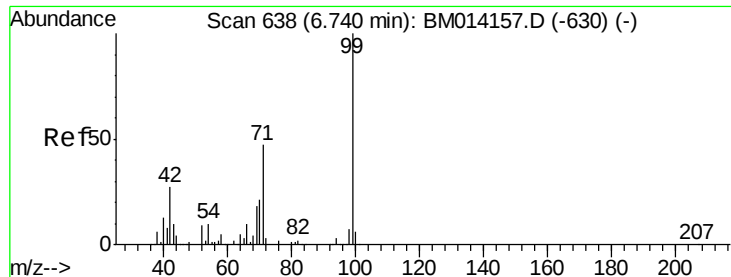


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 81.46 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

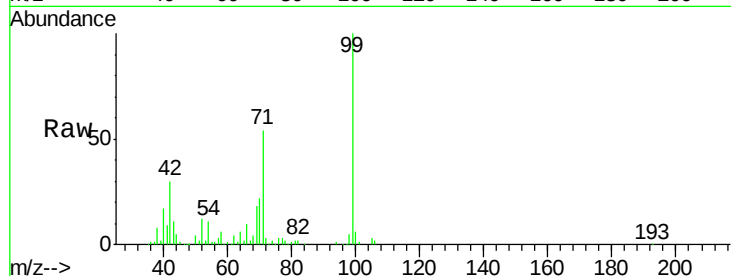
Tot Ion: 99 Resp: 423833

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

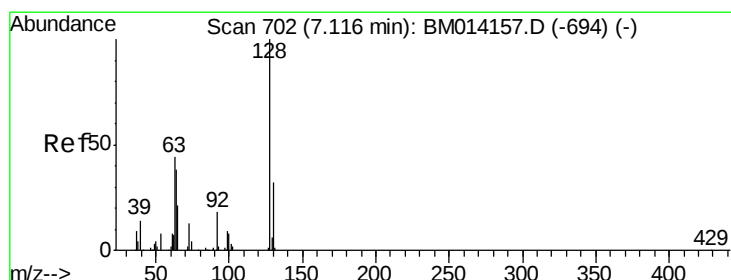
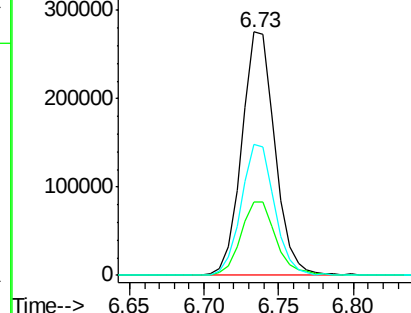
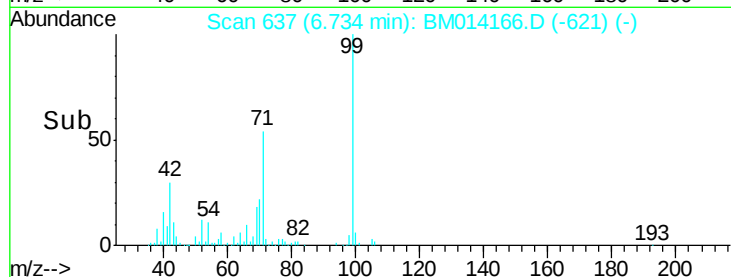
71 54.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-621) (-)



#8

2-Chlorophenol

Concen: 39.88 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

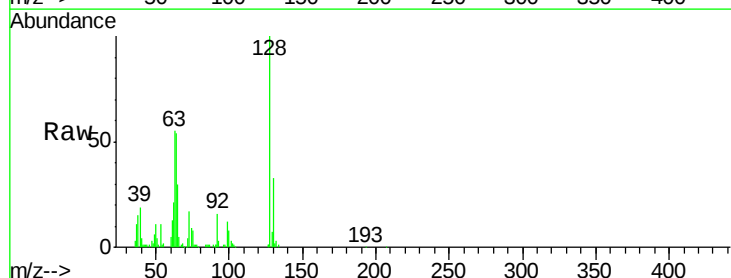
Tgt Ion: 128 Resp: 166503

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

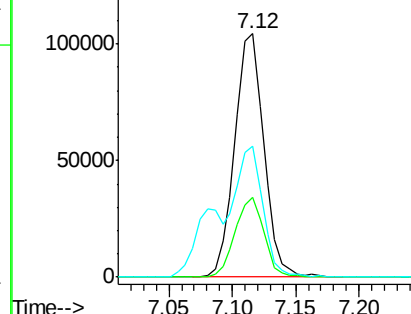
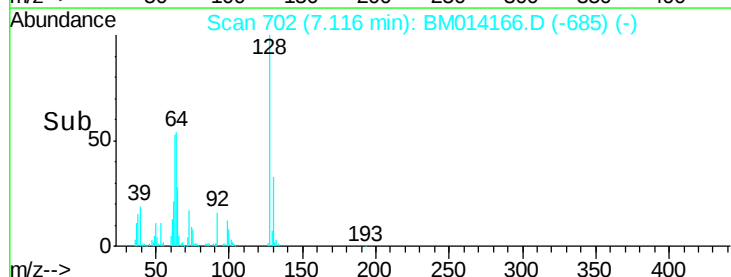
64 53.9 24.9 64.9

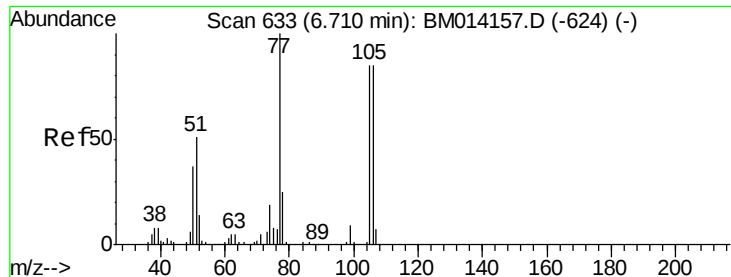


Abundance Ion 128.00 (127.70 to 128.70): BM014166.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM014166.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM014166.D (-685) (-)





#9

Benzaldehyde

Concen: 40.17 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

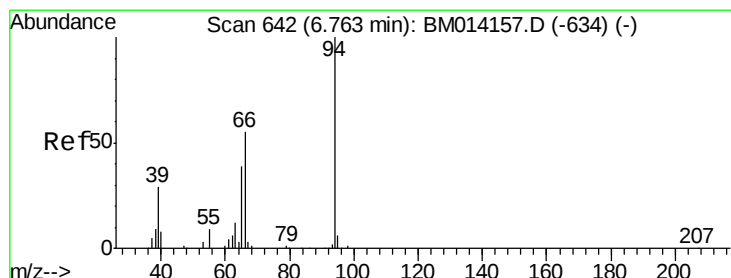
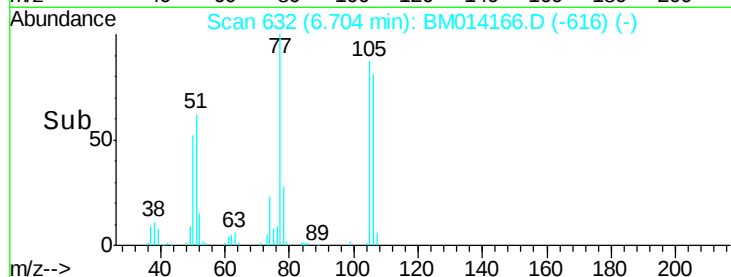
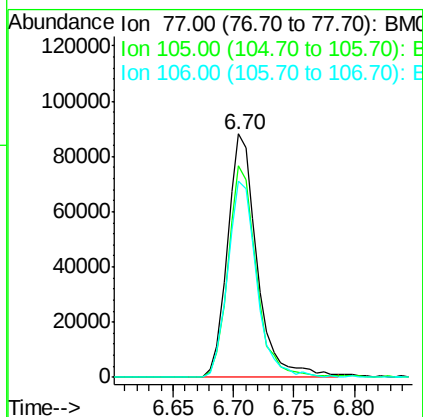
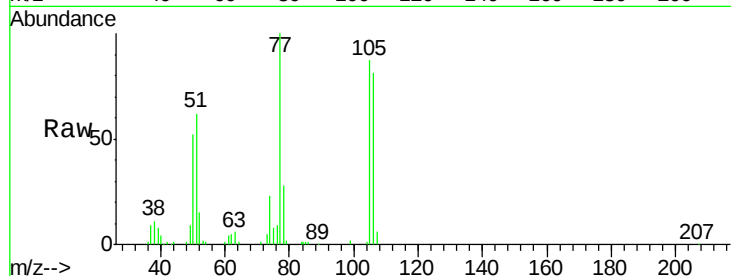
Tot Ion: 77 Resp: 150412

Ion Ratio Lower Upper

77 100

105 86.7 78.8 118.8

106 80.8 73.7 113.7



#10

Phenol

Concen: 39.85 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

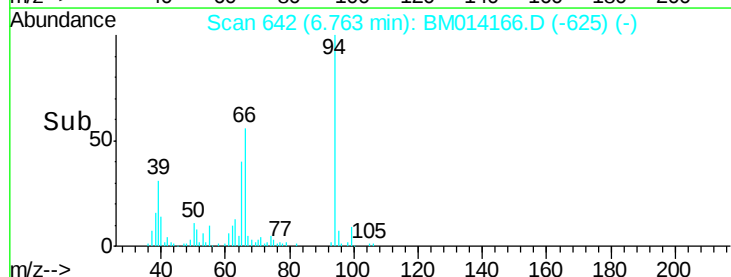
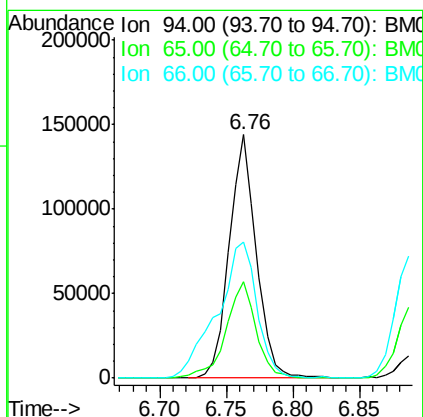
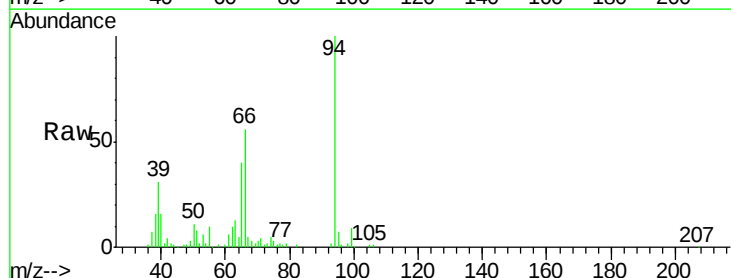
Tgt Ion: 94 Resp: 204690

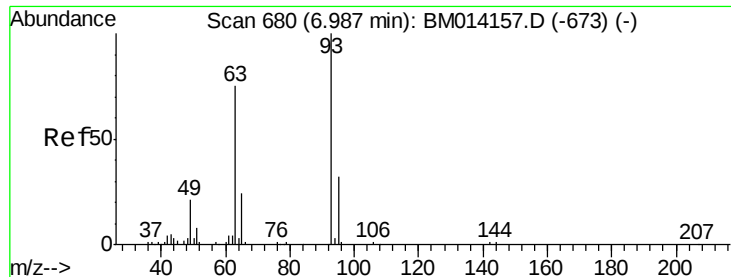
Ion Ratio Lower Upper

94 100

65 39.8 18.8 58.8

66 56.0 39.9 79.9

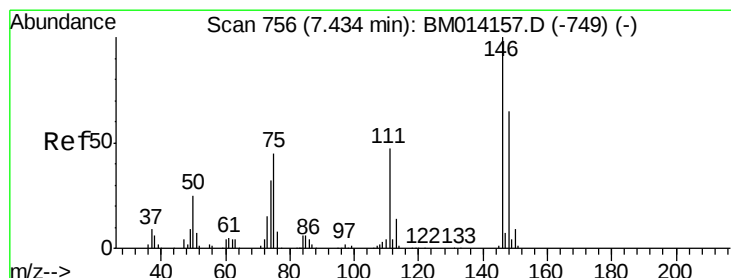
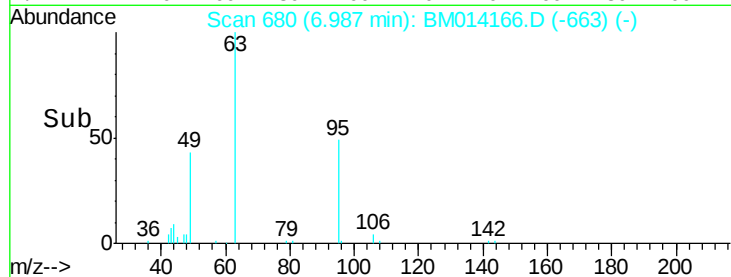
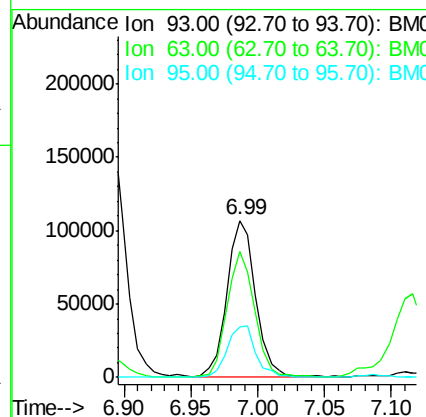
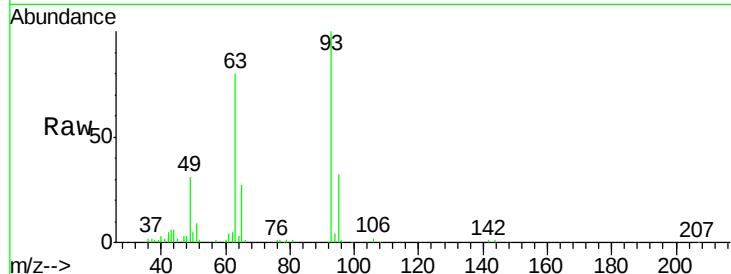




#11
bis(2-Chloroethyl)ether
Concen: 39.33 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

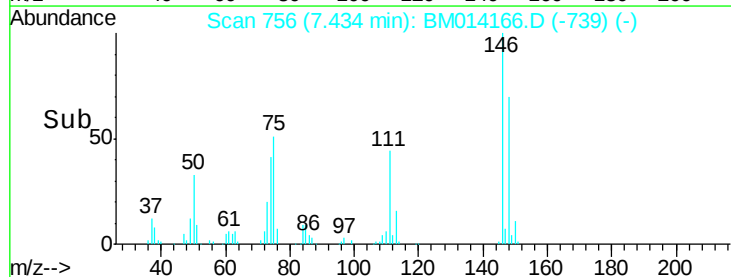
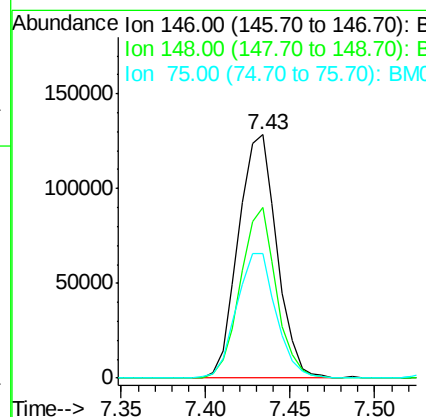
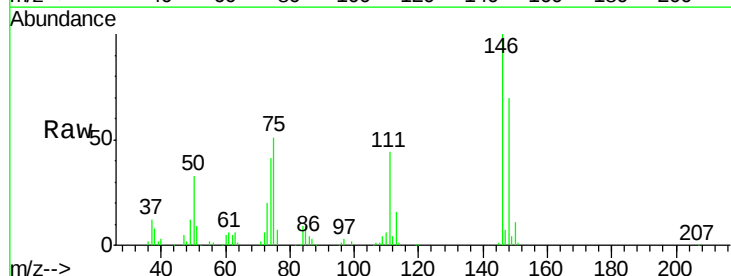
Instrument :
BNA_F
ClientSampled :

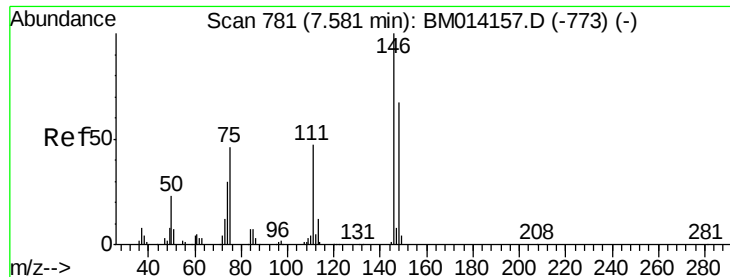
Tot Ion	93.00	Resp:	159690
Ion	Ratio	Lower	Upper
93	100		
63	80.3	49.5	89.5
95	32.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 39.07 ng
RT: 7.43 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion	146	Resp:	203903
Ion	Ratio	Lower	Upper
146	100		
148	70.4	50.9	76.3
75	51.1	21.4	32.2

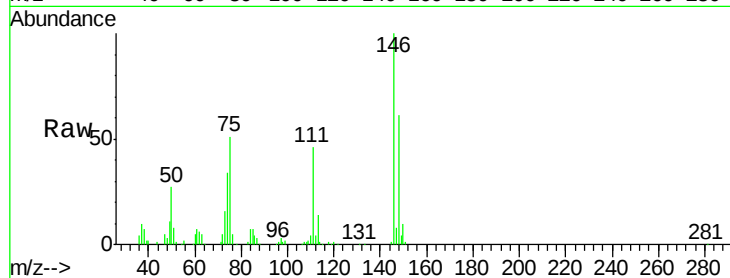




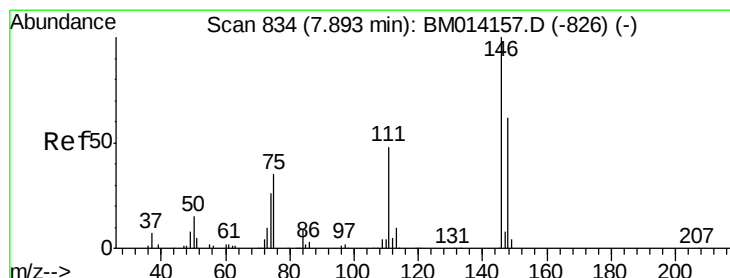
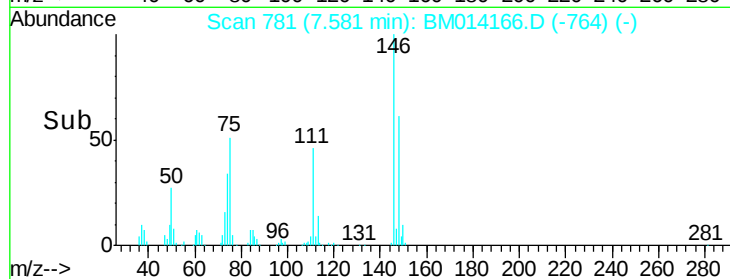
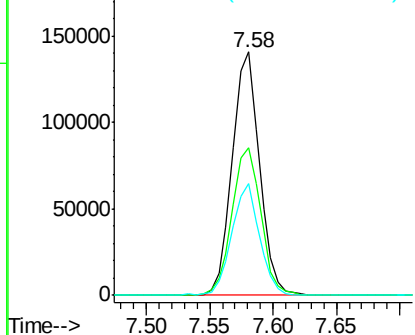
#13
 1,4-Dichlorobenzene
 Concen: 39.87 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.9	77.9
111	46.0	29.2	43.8

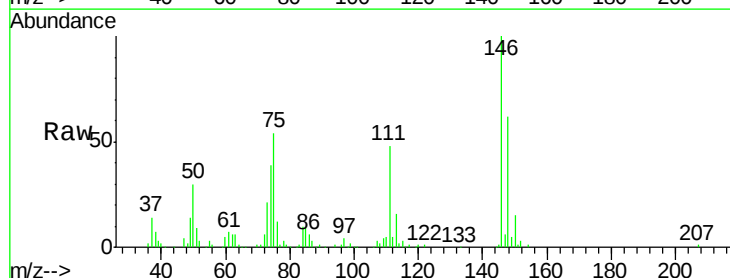


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

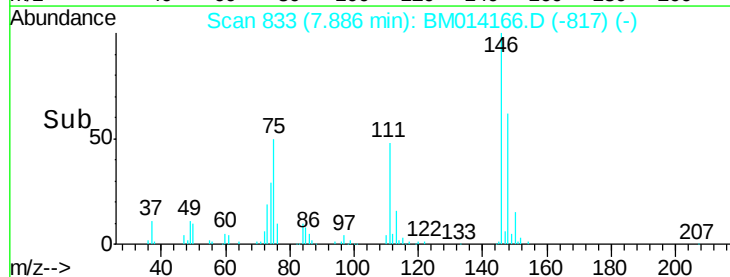
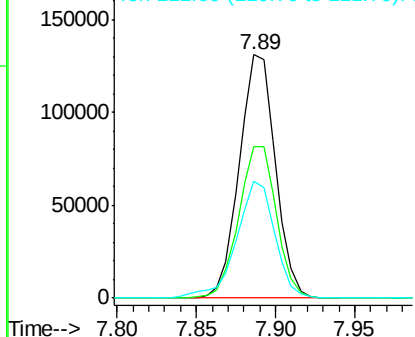


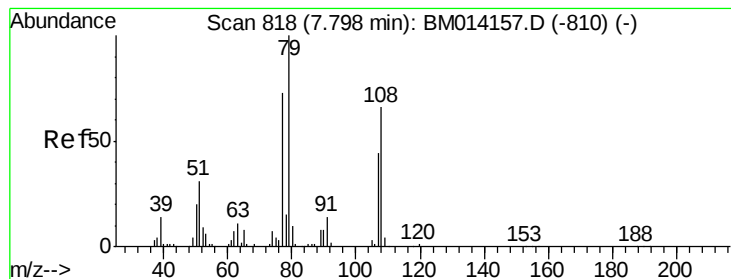
#14
 1,2-Dichlorobenzene
 Concen: 39.31 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.3	78.5
111	48.0	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: 42.10 ng

RT: 7.80 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampled :

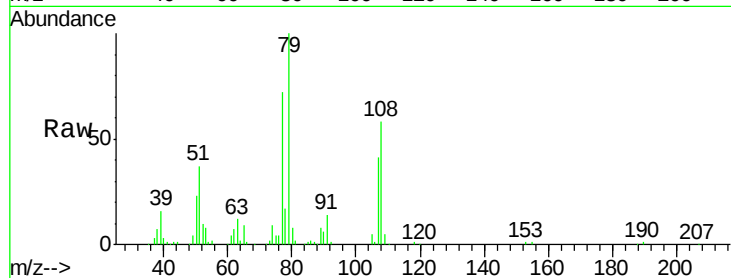
Tot Ion: 79 Resp: 202969

Ion Ratio Lower Upper

79 100

108 58.3 65.0 97.4#

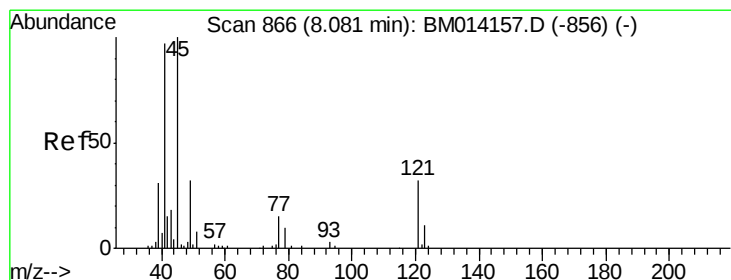
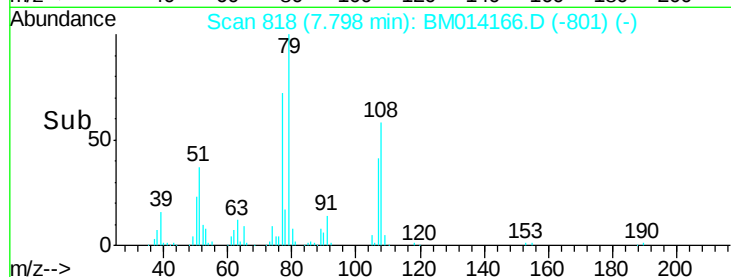
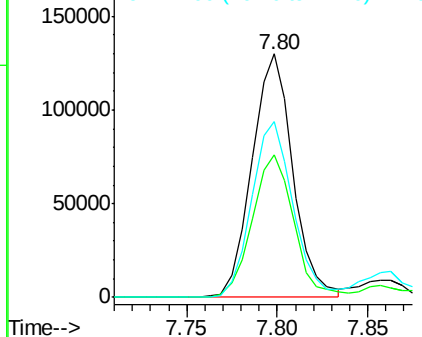
77 72.2 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM014157.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014157.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014157.D (-810) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.26 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

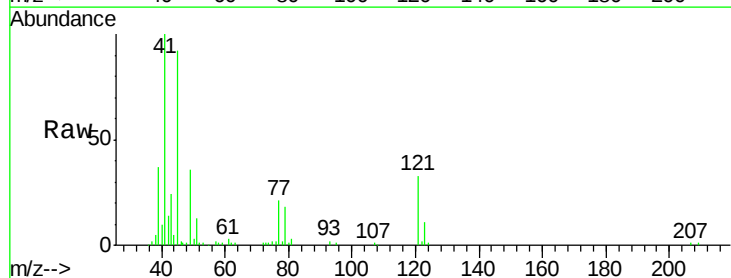
Tgt Ion: 45 Resp: 162114

Ion Ratio Lower Upper

45 100

77 22.5 0.0 35.2

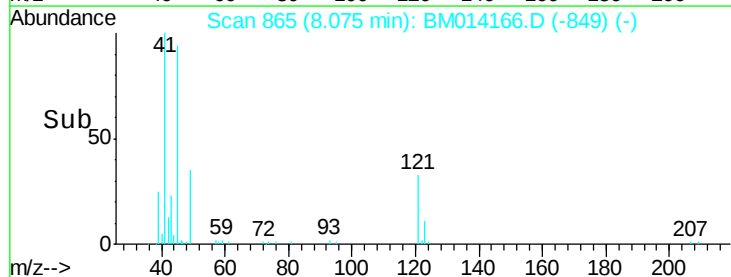
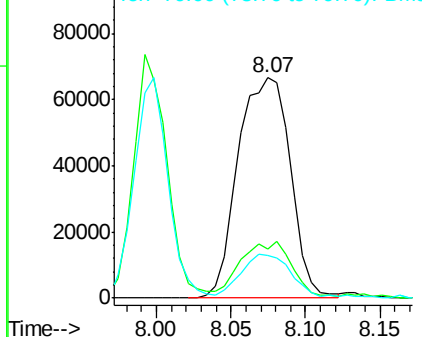
79 19.2 0.0 32.0

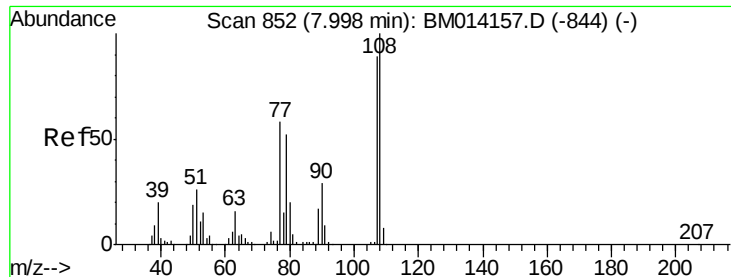


Abundance Ion 45.00 (44.70 to 45.70): BM014157.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM014157.D (-856) (-)

Ion 79.00 (78.70 to 79.70): BM014157.D (-856) (-)





#17

2-Methylphenol

Concen: 41.06 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 161392

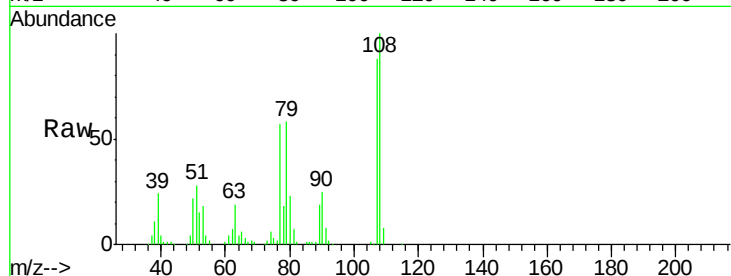
Ion Ratio Lower Upper

107 100

108 113.9 89.8 134.8

77 64.5 32.6 48.8#

79 65.5 32.8 49.2#

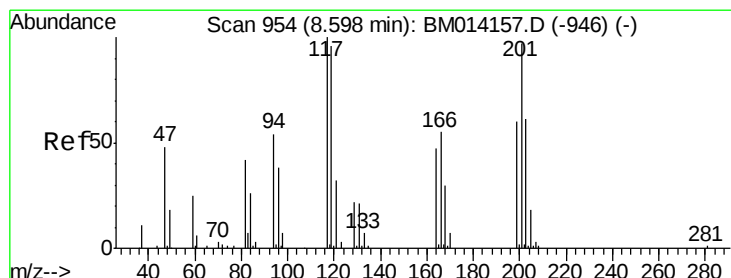
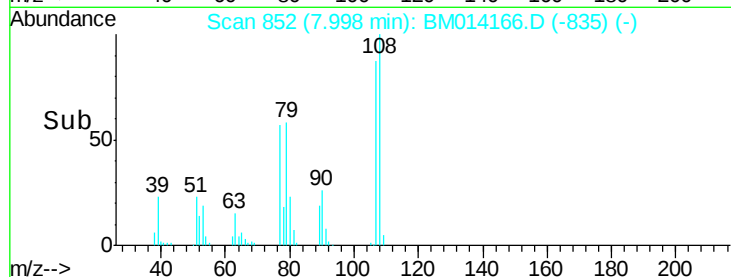
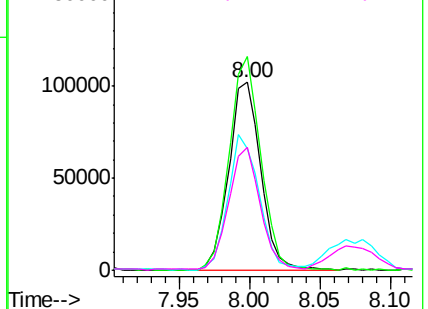


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 42.41 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

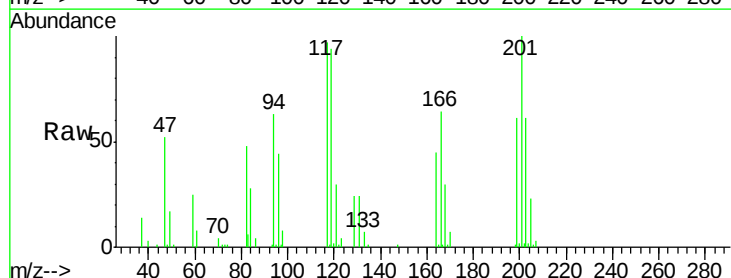
Tgt Ion:117 Resp: 96100

Ion Ratio Lower Upper

117 100

119 97.7 79.2 118.8

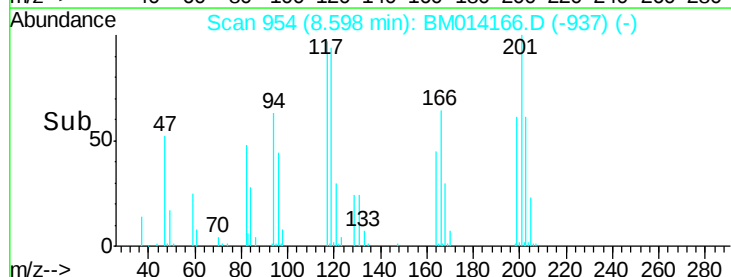
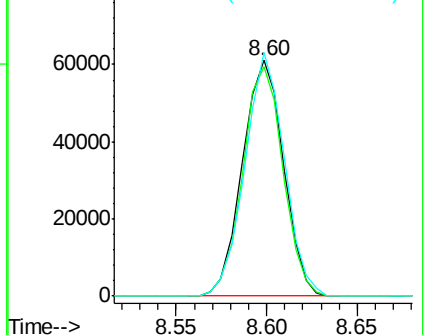
201 103.4 69.8 104.6

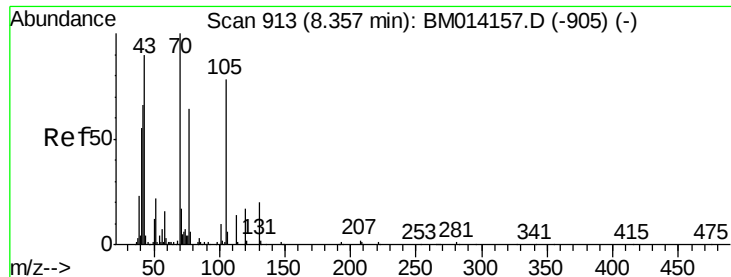


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

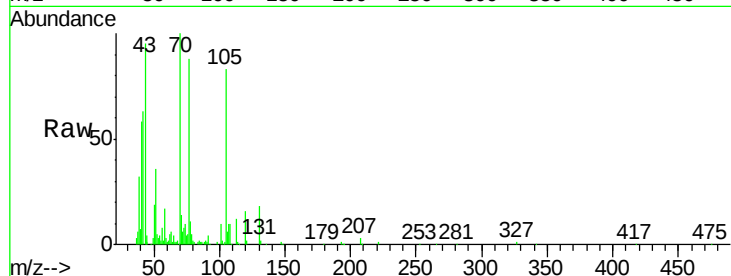




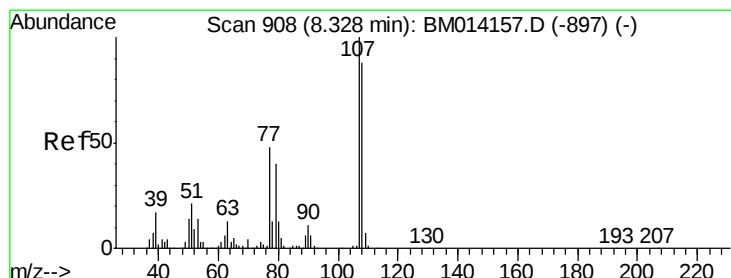
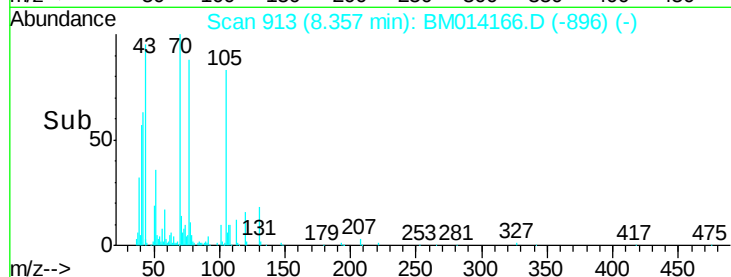
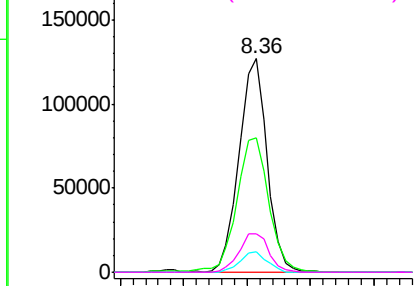
#19
n-Nitroso-di-n-propylamine
Concen: 43.45 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	194716
Ion	Ratio	Lower	Upper
70	100		
42	63.0	44.5	66.7
101	9.5	7.4	11.2
130	18.2	15.3	22.9

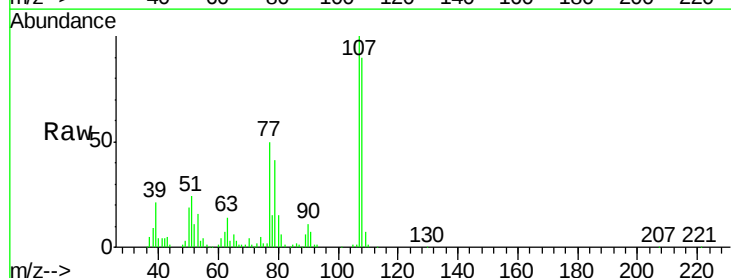


Abundance Ion 70.00 (69.70 to 70.70): BM014157.D (-905) (-)
Ion 42.00 (41.70 to 42.70): BM014157.D (-905) (-)
Ion 101.00 (100.70 to 101.70): BM014157.D (-905) (-)
Ion 130.00 (129.70 to 130.70): BM014157.D (-905) (-)

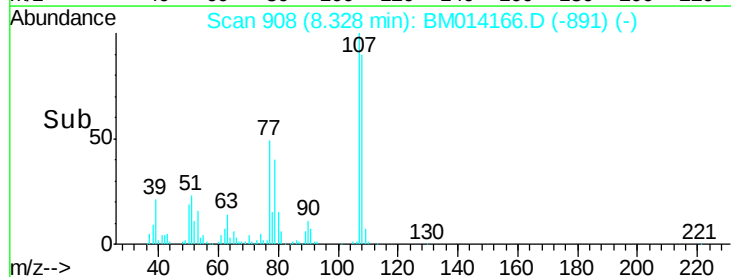
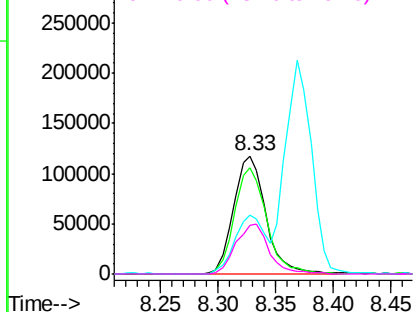


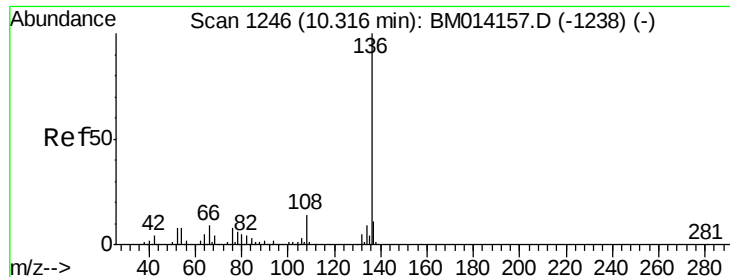
#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:	107	Resp:	227426
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.2	113.2
77	49.8	10.7	50.7
79	40.8	9.6	49.6



Abundance Ion 107.00 (106.70 to 107.70): BM014157.D (-897) (-)
Ion 108.00 (107.70 to 108.70): BM014157.D (-897) (-)
Ion 77.00 (76.70 to 77.70): BM014157.D (-897) (-)
Ion 79.00 (78.70 to 79.70): BM014157.D (-897) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014166.D

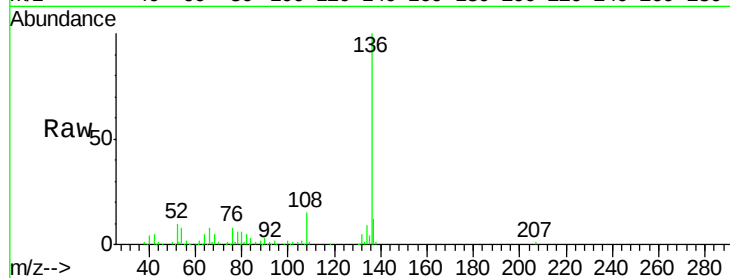
Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	324130
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.7 13.1
54	8.4	4.6 6.8#
68	4.9	3.7 5.5



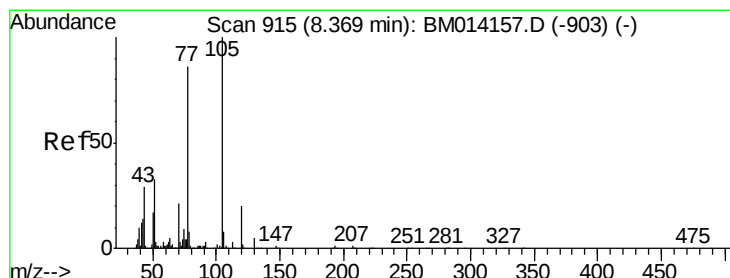
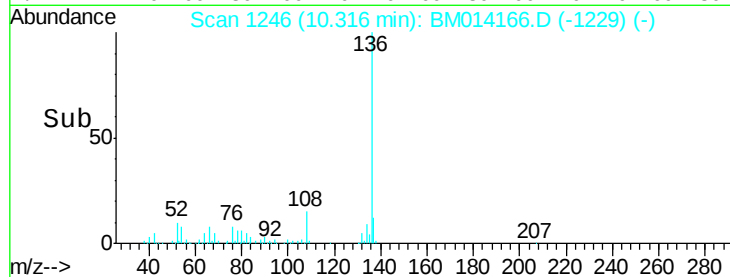
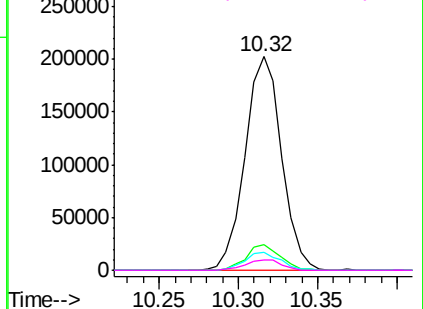
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.54 ng

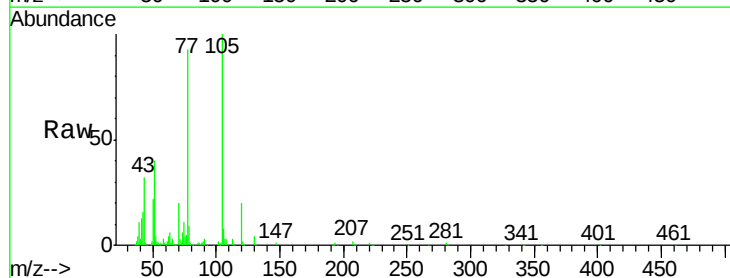
RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Tgt Ion:105	Resp:	359219
Ion Ratio	Lower	Upper
105	100	
71	2.9	0.6 1.0#
51	40.0	21.6 32.4#
120	19.9	16.1 24.1



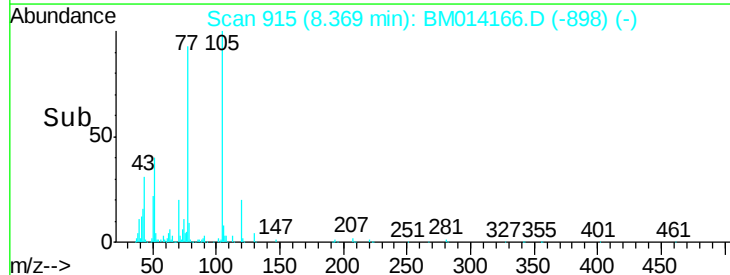
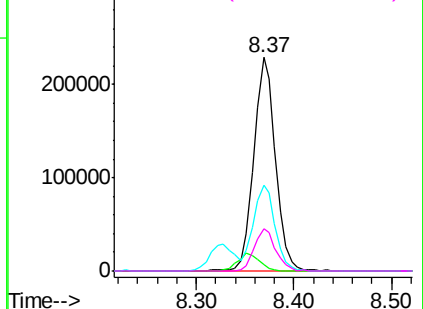
Abundance

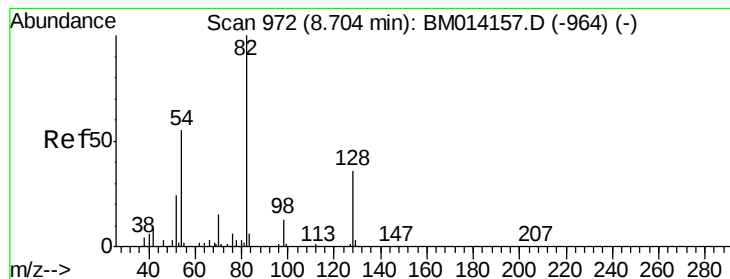
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.83 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

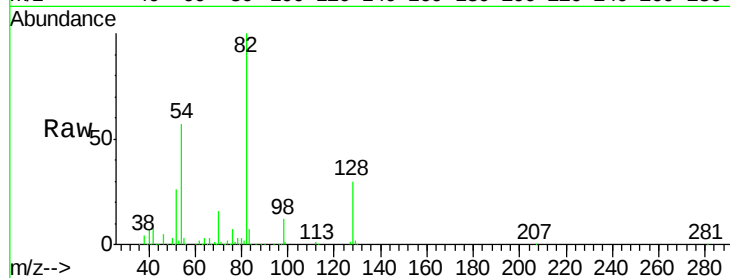
Tot Ion: 82 Resp: 615565

Ion Ratio Lower Upper

82 100

128 30.4 32.8 49.2#

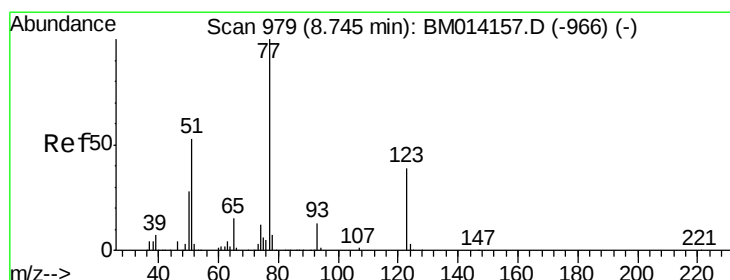
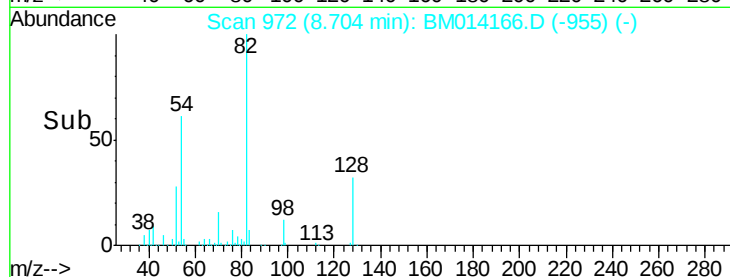
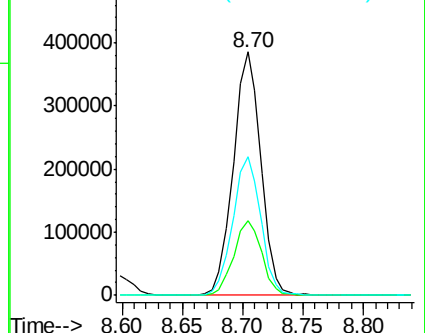
54 56.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014157.D (-964) (-)

Ion 128.00 (127.70 to 128.70): BM014157.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM014157.D (-964) (-)



#24

Nitrobenzene

Concen: 40.27 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

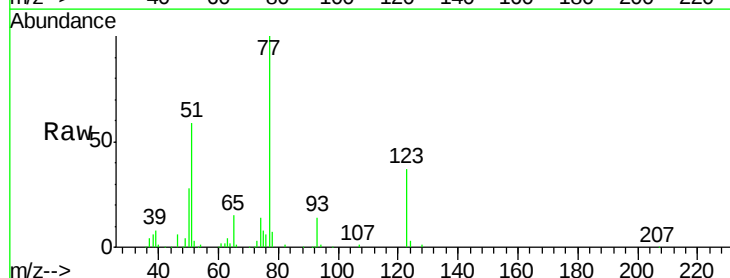
Tgt Ion: 77 Resp: 300889

Ion Ratio Lower Upper

77 100

123 37.2 32.6 49.0

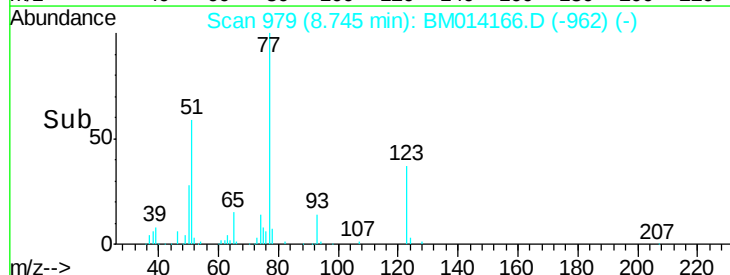
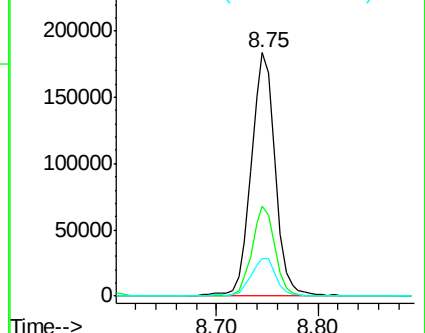
65 15.4 10.9 16.3

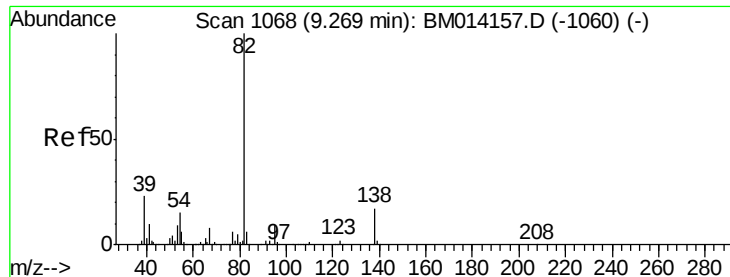


Abundance Ion 77.00 (76.70 to 77.70): BM014157.D (-966) (-)

Ion 123.00 (122.70 to 123.70): BM014157.D (-966) (-)

Ion 65.00 (64.70 to 65.70): BM014157.D (-966) (-)





#25

Isophorone

Concen: 39.66 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

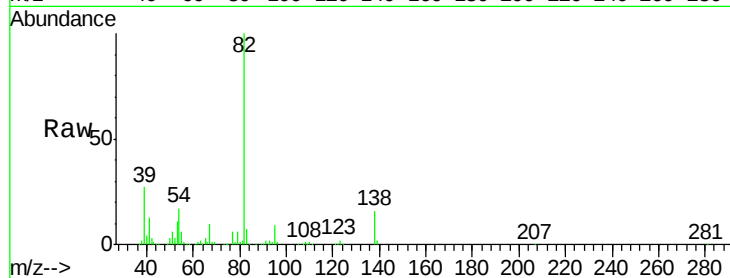
Tot Ion: 82 Resp: 476815

Ion Ratio Lower Upper

82 100

95 9.4 5.8 8.6#

138 15.9 16.3 24.5#

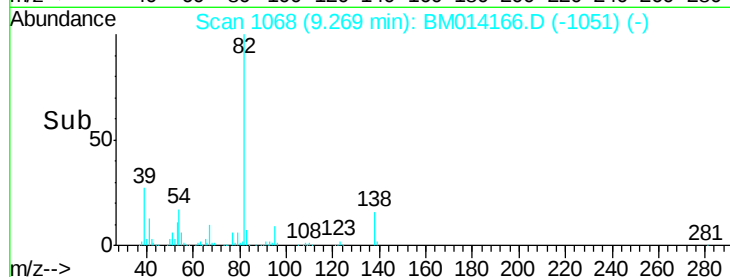


Abundance Ion 82.00 (81.70 to 82.70): BM014157.D (-1060) (-)

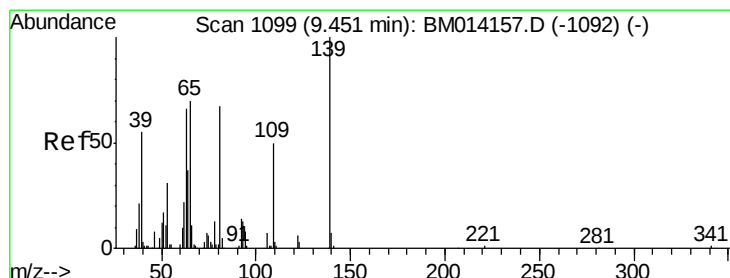
Ion 95.00 (94.70 to 95.70): BM014157.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014157.D (-1060) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 40.73 ng

RT: 9.45 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

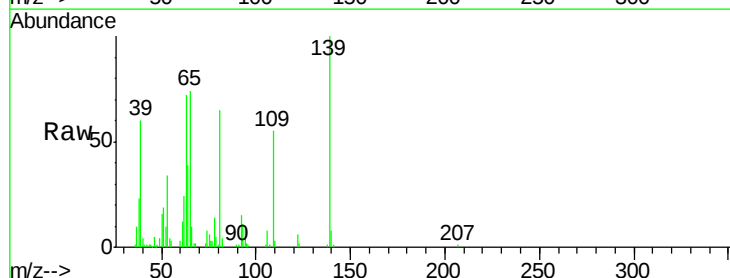
Tgt Ion: 139 Resp: 114781

Ion Ratio Lower Upper

139 100

109 55.0 20.1 30.1#

65 74.2 31.5 47.3#

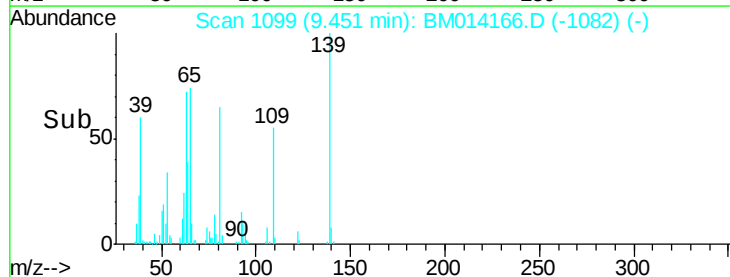


Abundance Ion 139.00 (138.70 to 139.70): BM014157.D (-1092) (-)

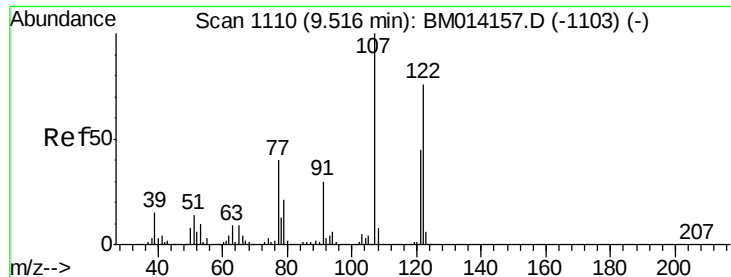
Ion 109.00 (108.70 to 109.70): BM014157.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM014157.D (-1092) (-)

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 39.25 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

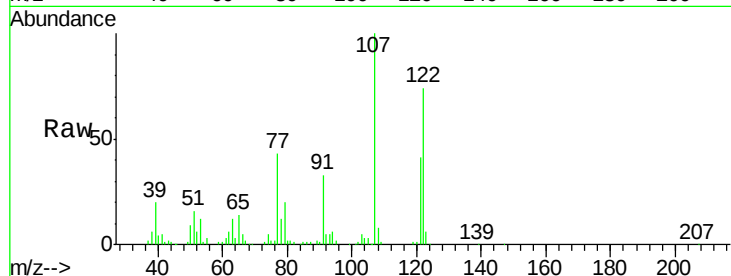
Tot Ion:122 Resp: 168607

Ion Ratio Lower Upper

122 100

107 135.4 84.7 127.1#

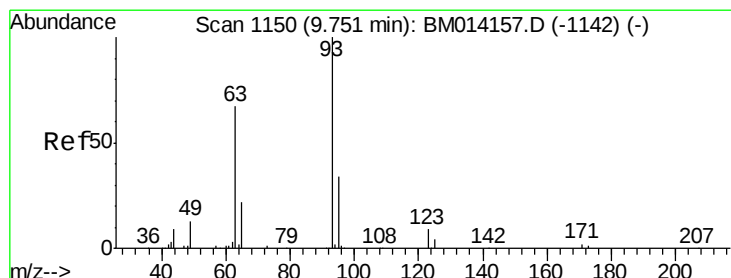
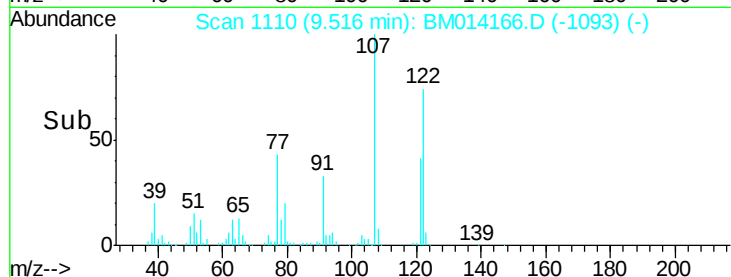
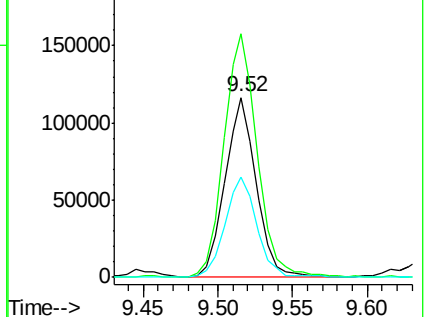
121 55.6 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.33 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

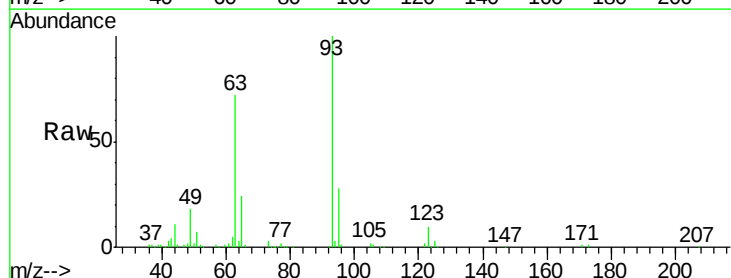
Tgt Ion: 93 Resp: 248662

Ion Ratio Lower Upper

93 100

95 27.6 25.5 38.3

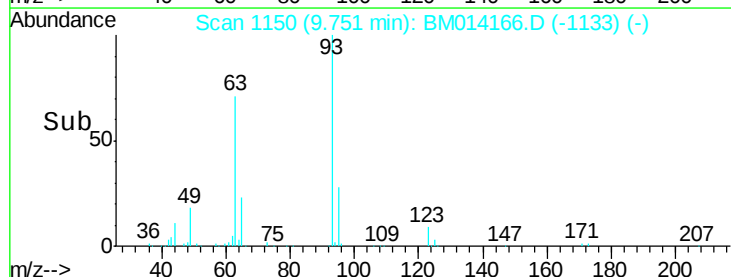
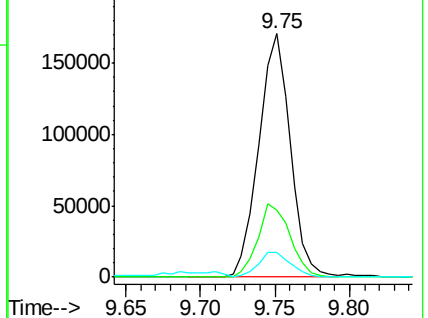
123 10.0 8.6 13.0

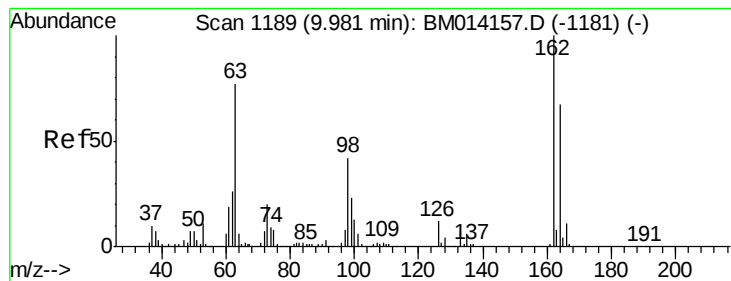


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.92 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampled :

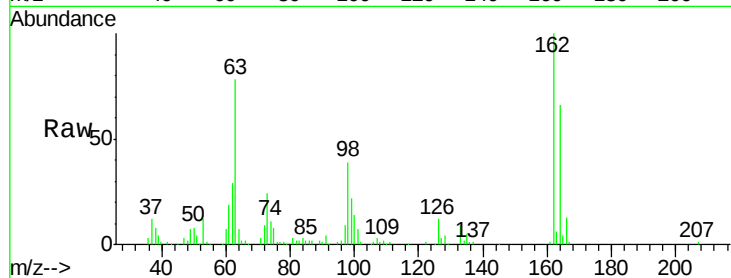
Tot Ion:162 Resp: 201195

Ion Ratio Lower Upper

162 100

164 66.4 42.8 82.8

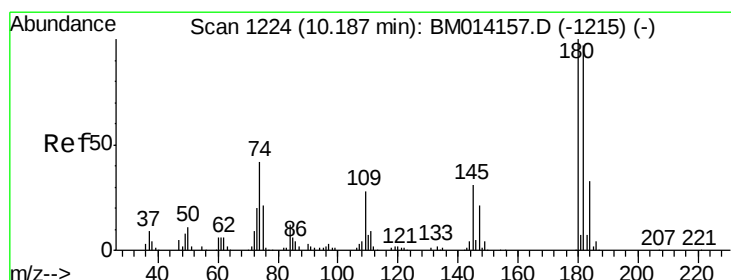
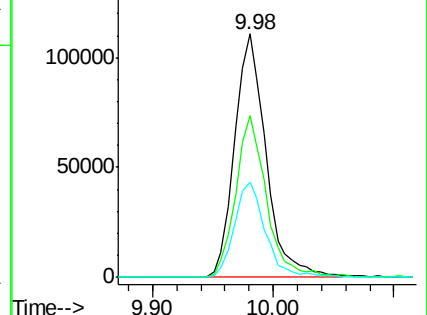
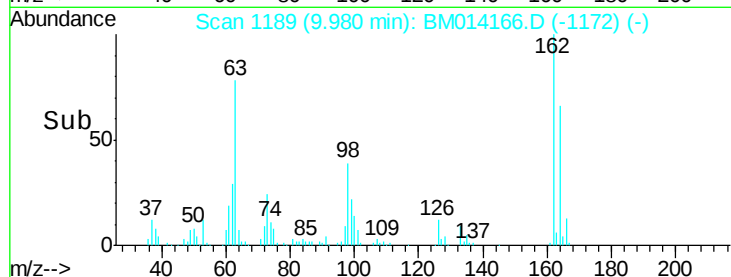
98 39.2 14.5 54.5



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: 41.23 ng

RT: 10.19 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

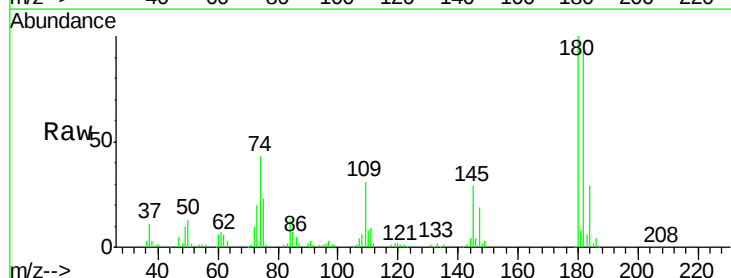
Tgt Ion:180 Resp: 260898

Ion Ratio Lower Upper

180 100

182 93.3 77.6 116.4

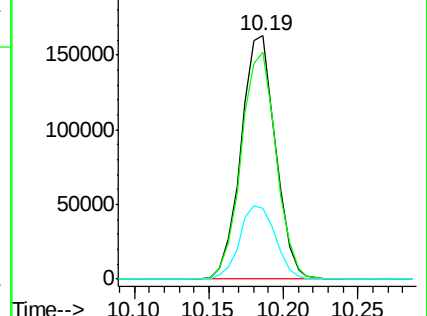
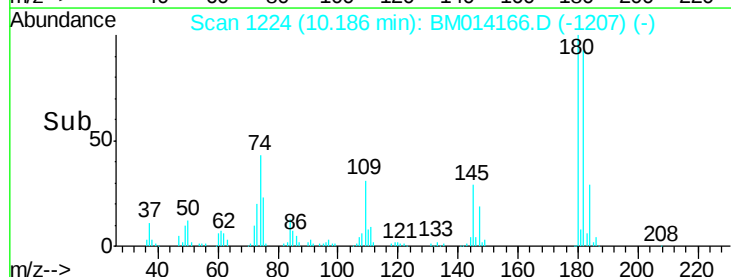
145 29.0 23.4 35.2

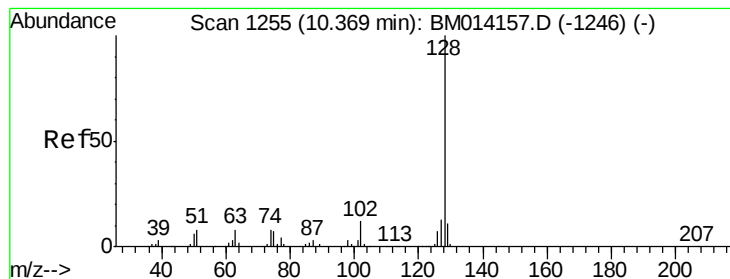


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.77 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampled :

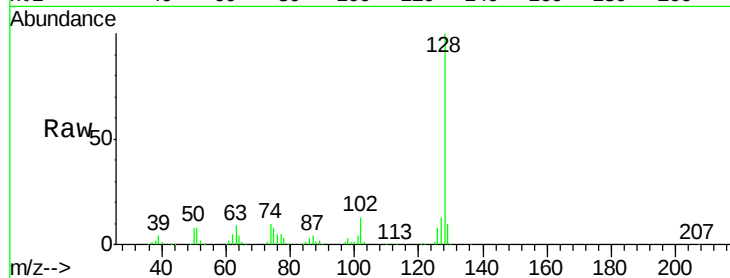
Tot Ion:128 Resp: 723568

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

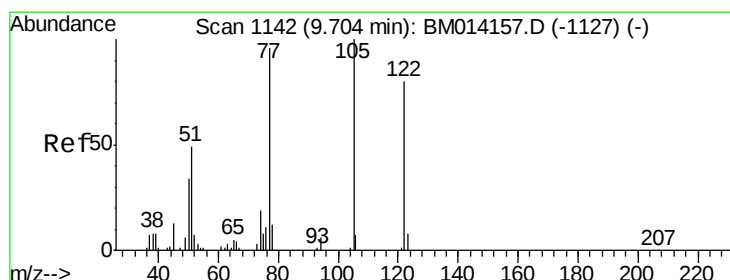
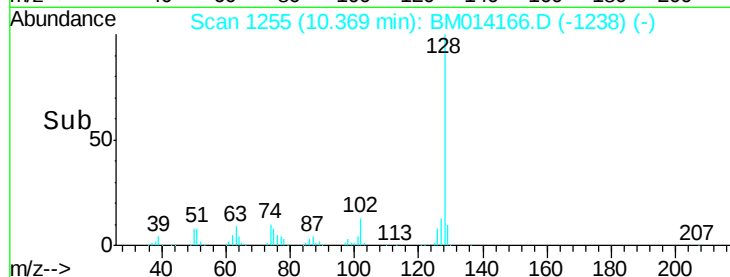
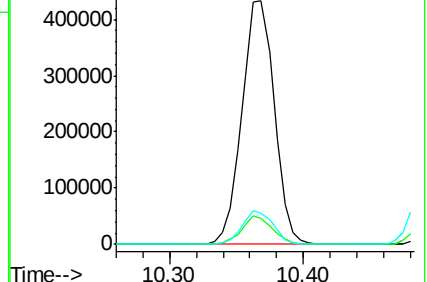
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.79 ng

RT: 9.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

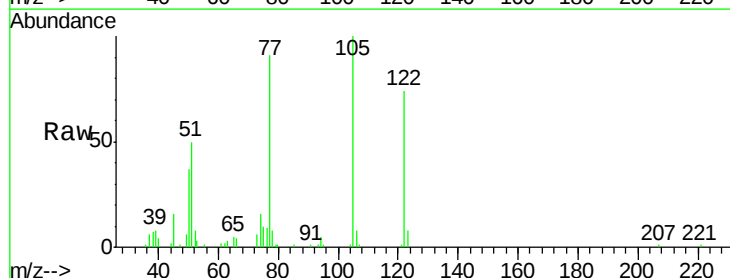
Tgt Ion:122 Resp: 138380

Ion Ratio Lower Upper

122 100

105 134.3 99.9 139.9

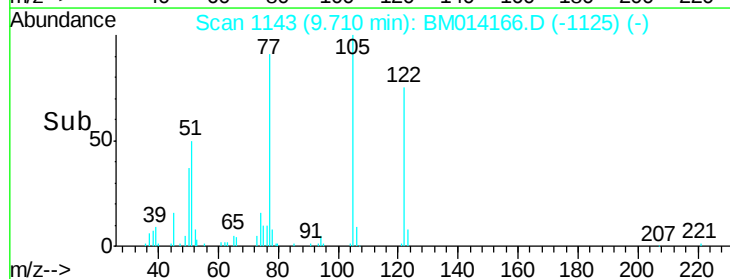
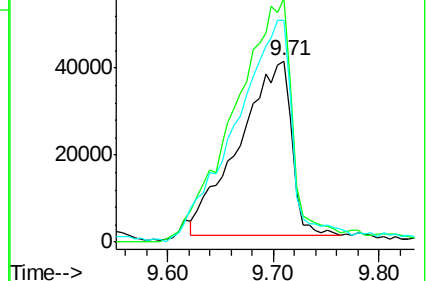
77 122.5 73.7 113.7#

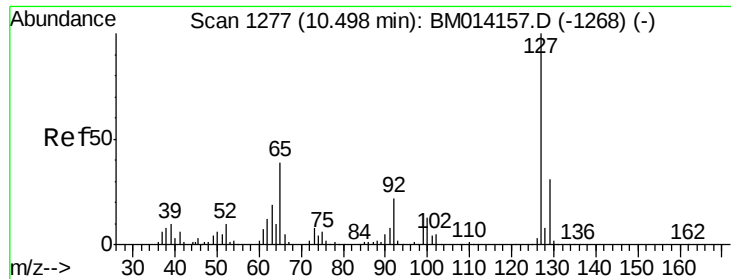


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

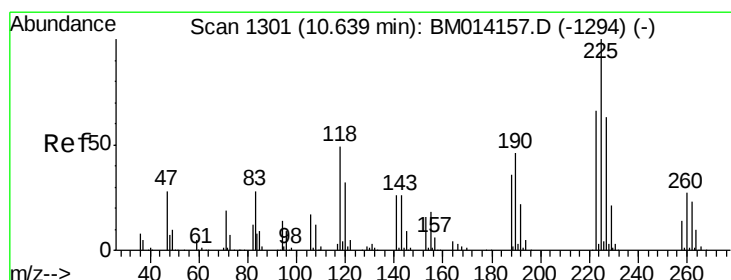
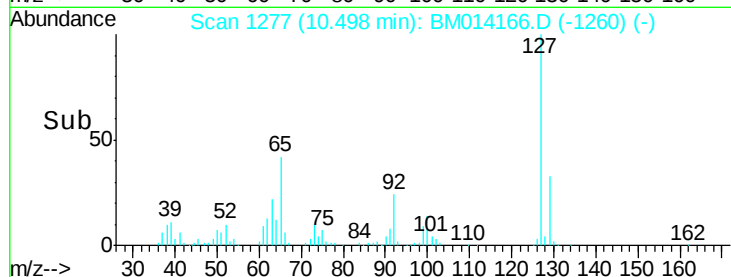
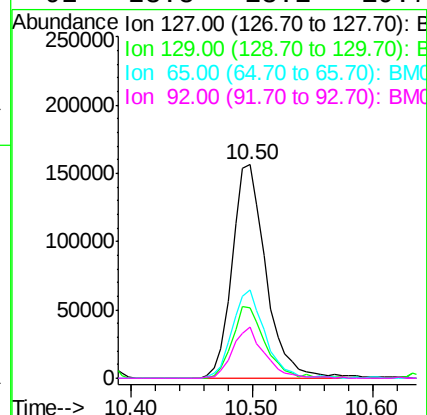
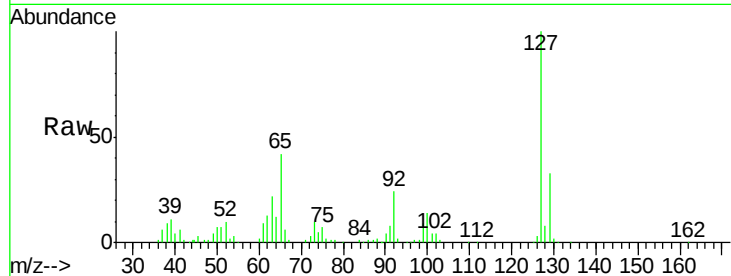




#33
4-Chloroaniline
Concen: 41.29 ng
RT: 10.50 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

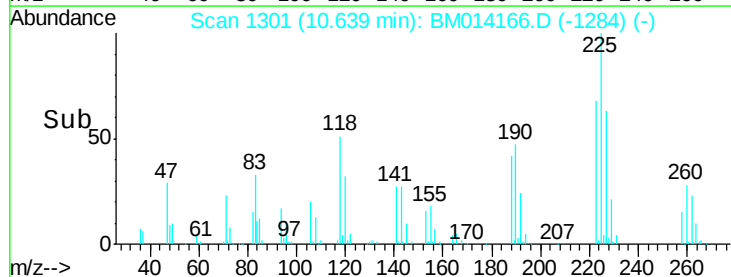
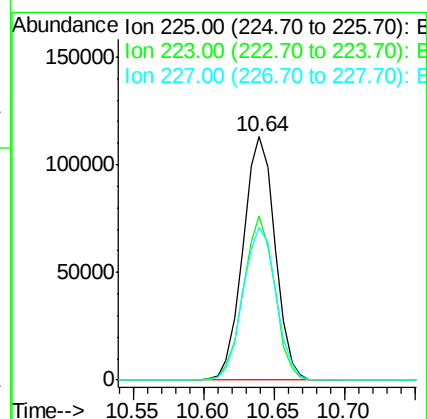
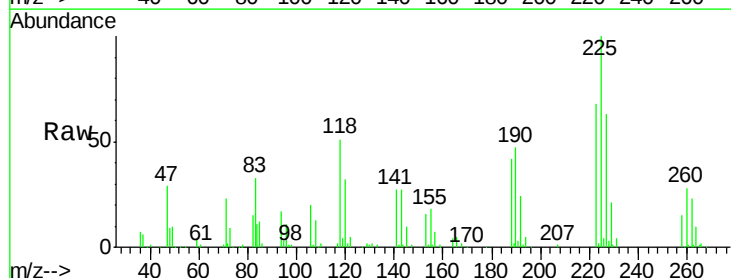
Instrument :
BNA_F
ClientSampled :

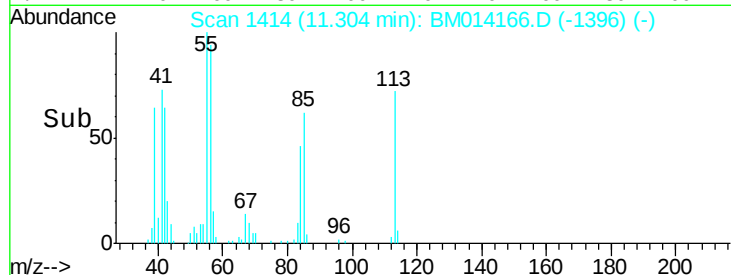
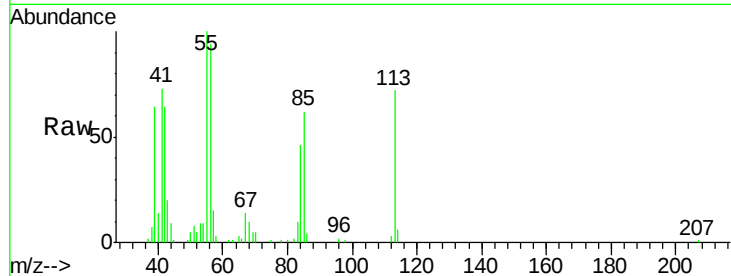
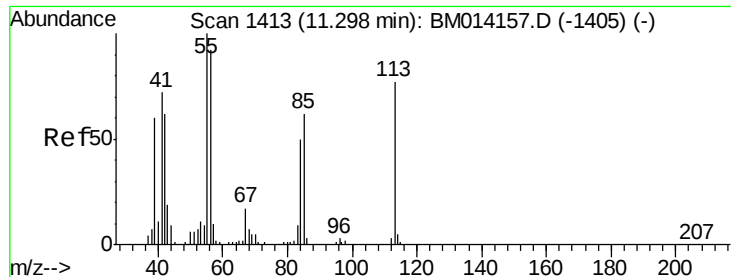
Tot Ion:	127	Resp:	304622
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	41.6	17.6	26.4
92	23.8	13.1	19.7



#34
Hexachlorobutadiene
Concen: 41.37 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:	225	Resp:	179553
Ion	Ratio	Lower	Upper
225	100		
223	67.6	47.9	71.9
227	62.5	50.1	75.1

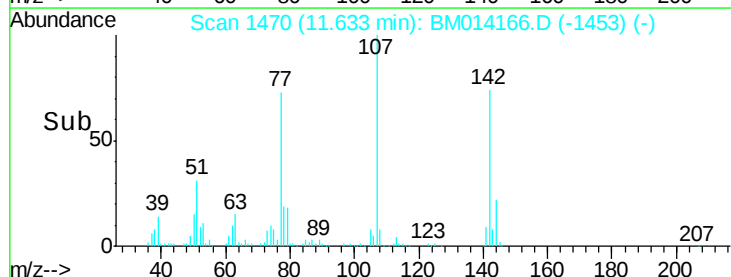
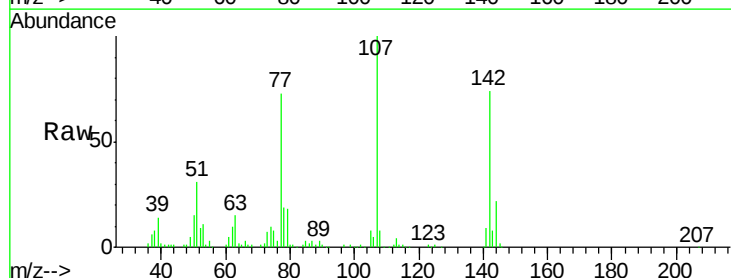
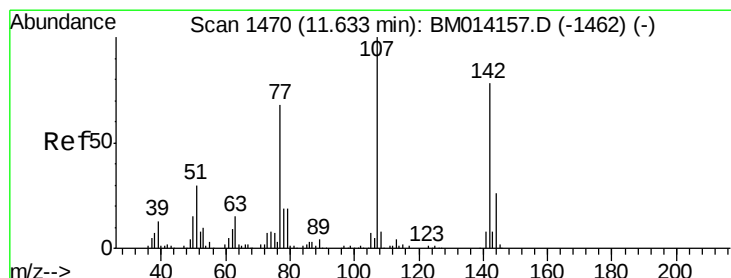
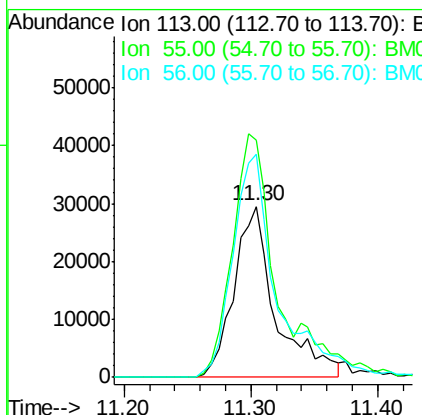




#35
Caprolactam
Concen: 39.18 ng
RT: 11.30 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

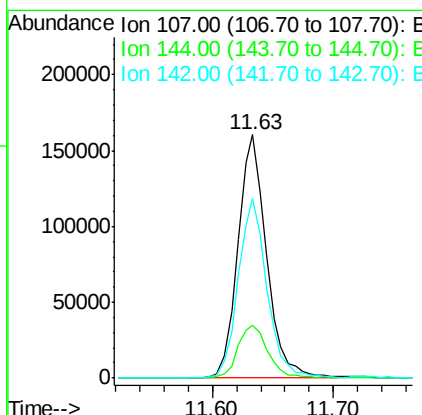
Instrument :
BNA_F
ClientSampleId :

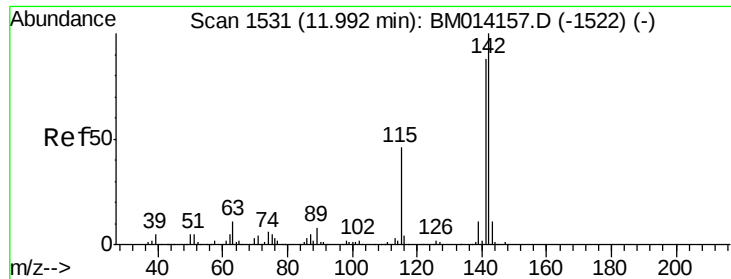
Tot Ion:113 Resp: 67251
Ion Ratio Lower Upper
113 100
55 138.9 145.9 185.9#
56 130.4 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 44.65 ng
RT: 11.63 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:107 Resp: 265546
Ion Ratio Lower Upper
107 100
144 21.7 23.3 34.9#
142 73.8 72.6 109.0

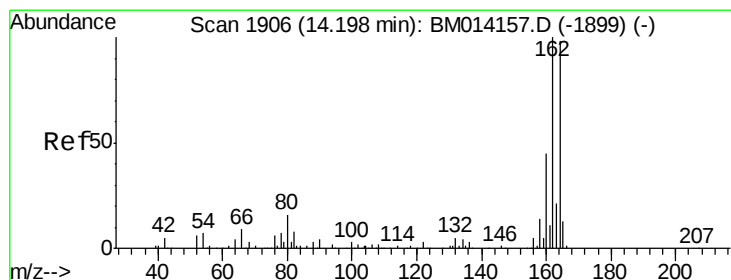
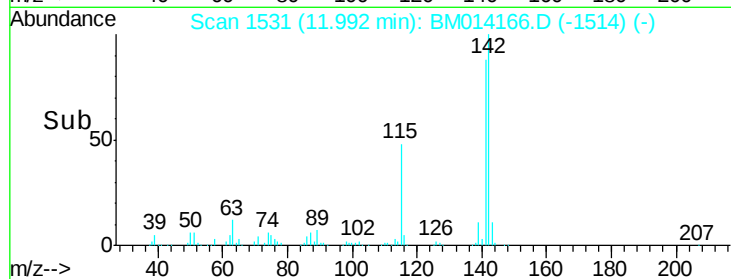
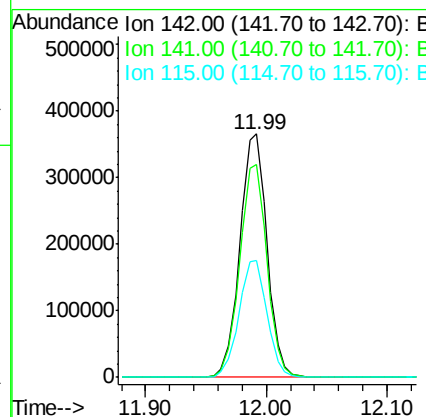
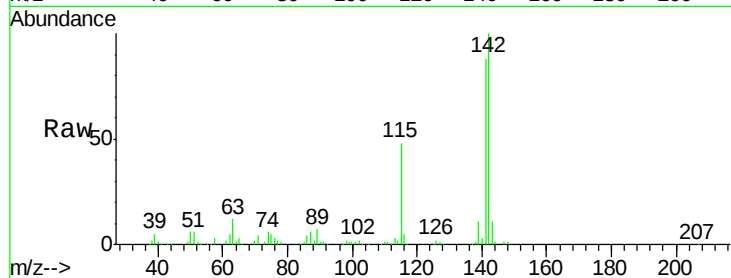




#37
2-Methylnaphthalene
Concen: 42.94 ng
RT: 11.99 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

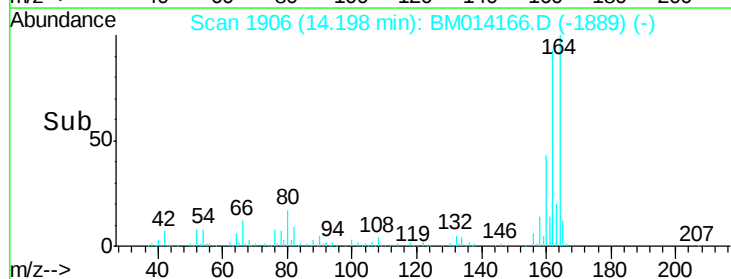
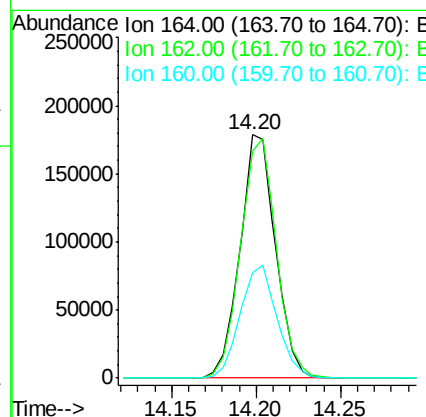
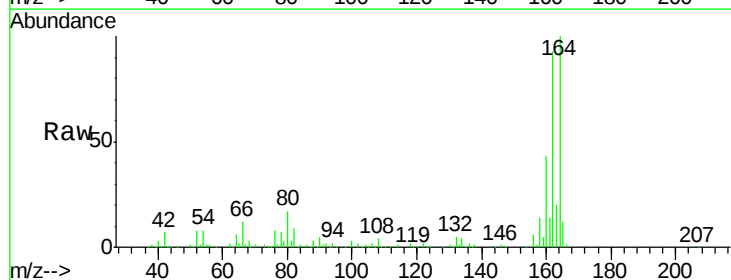
Instrument :
BNA_F
ClientSampled :

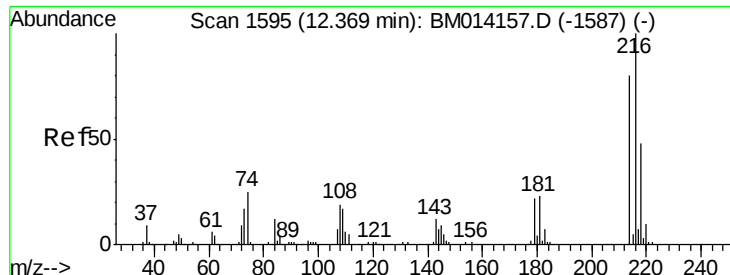
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9
115	48.2	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.4	82.4	123.6
160	43.3	35.8	53.6

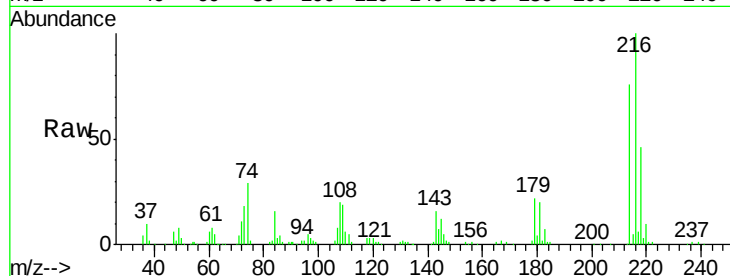




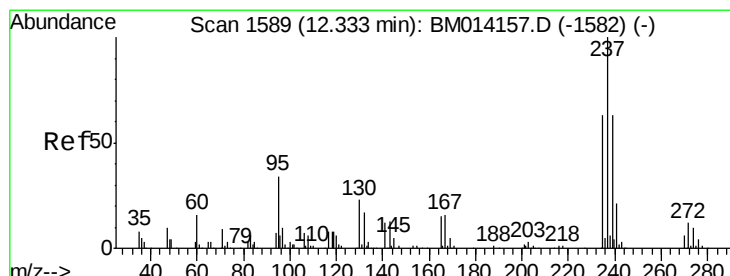
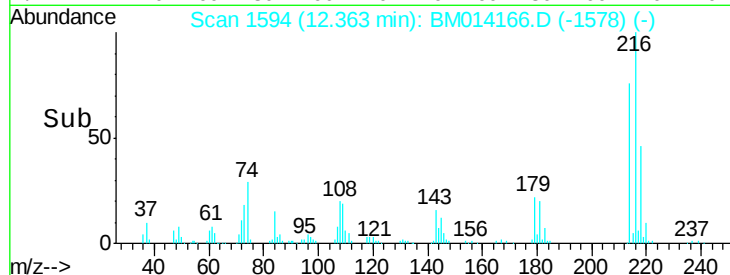
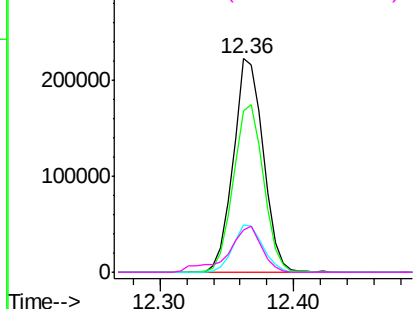
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.95 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	22.1	0.0	0.0#
108	24.4	0.0	0.0#

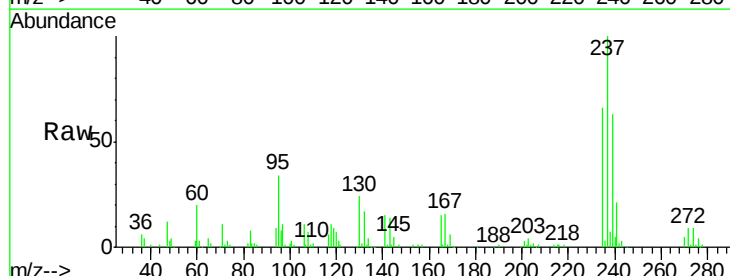


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

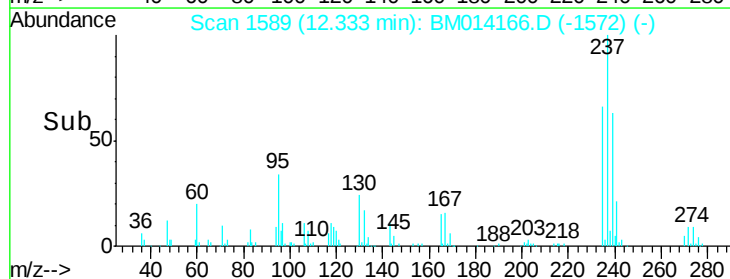
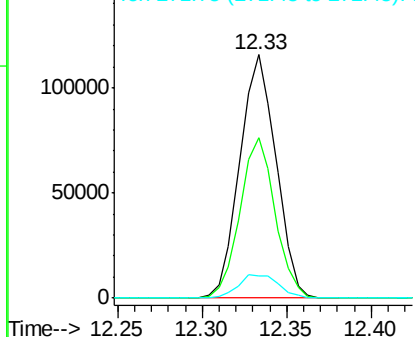


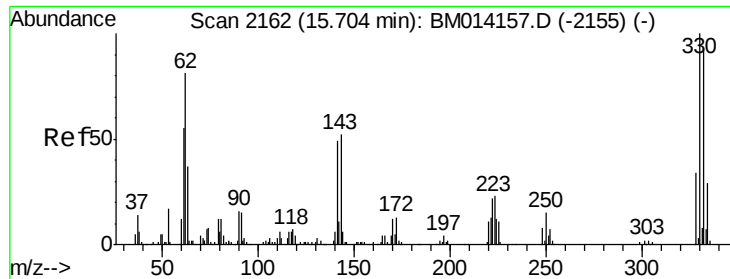
#40
 Hexachlorocyclopentadiene
 Concen: 35.99 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.9	42.0	82.0
272	9.0	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

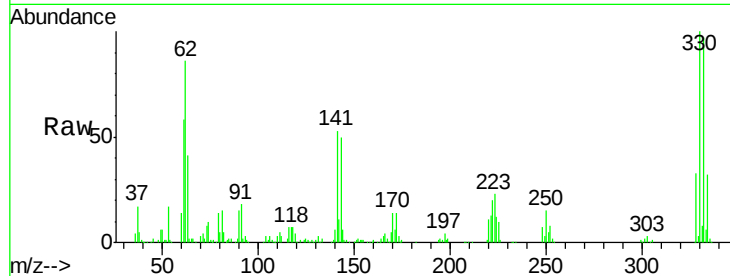




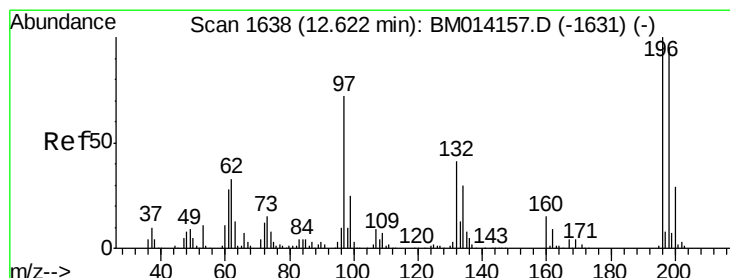
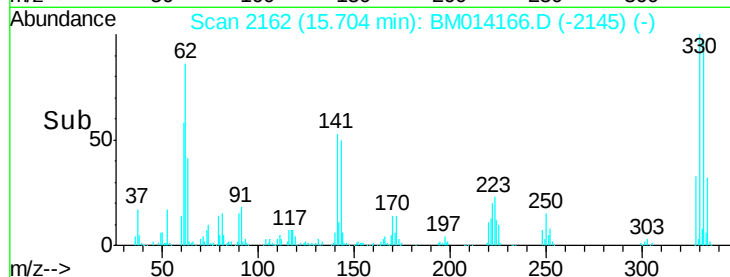
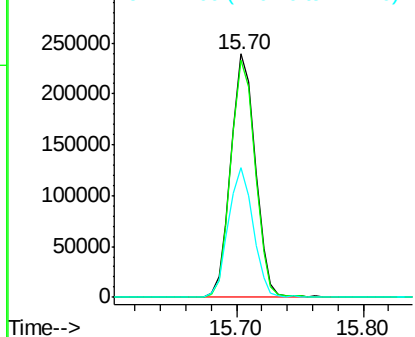
#41
 2,4,6-Tribromophenol
 Concen: 86.66 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 320893
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 53.9 0.0 0.0#

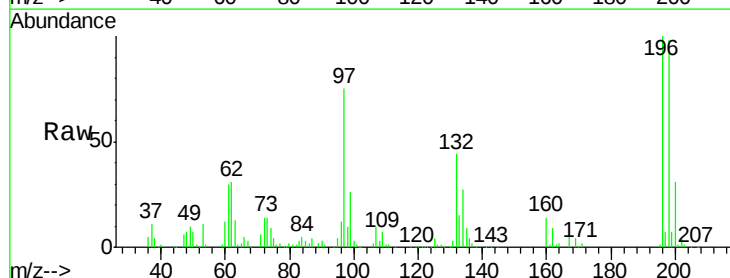


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

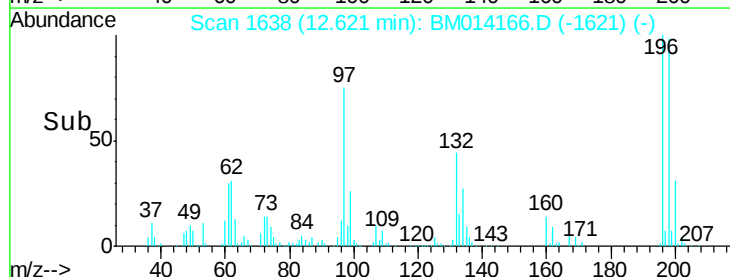
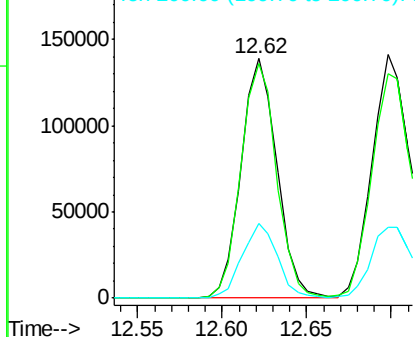


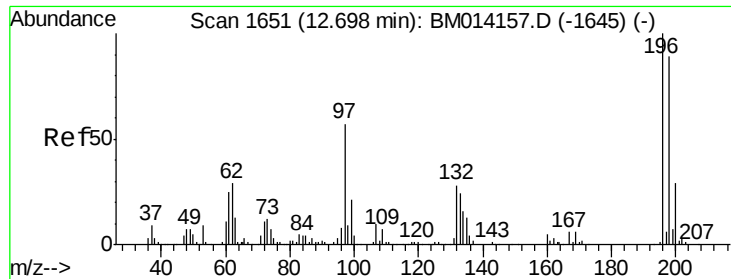
#42
 2,4,6-Trichlorophenol
 Concen: 38.54 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion:196 Resp: 207045
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.3 114.5
 200 31.0 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

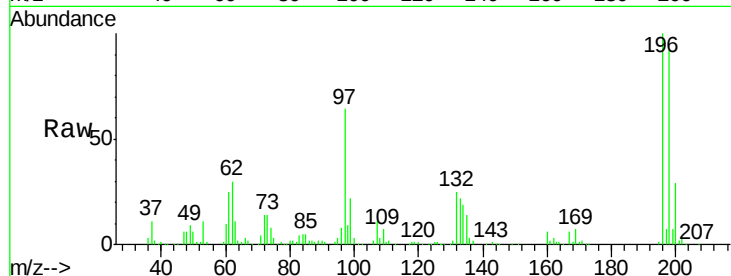




#43
2,4,5-Trichlorophenol
Concen: 39.21 ng
RT: 12.70 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	79.4	119.0
97	63.8	26.8	40.2
132	25.1	18.6	28.0



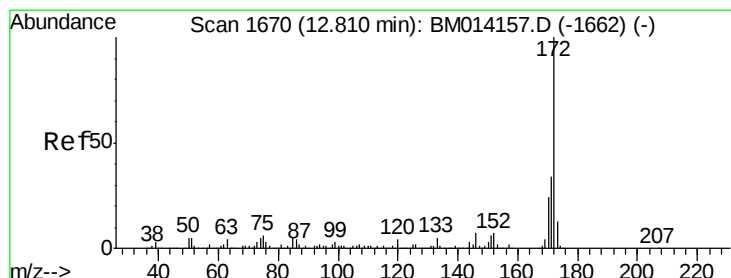
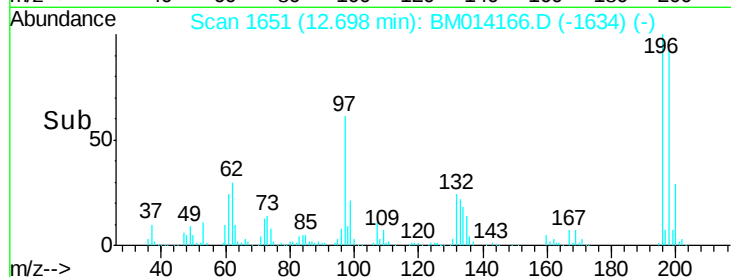
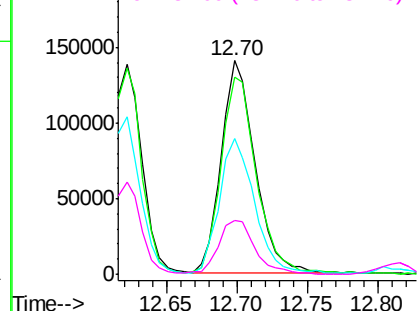
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

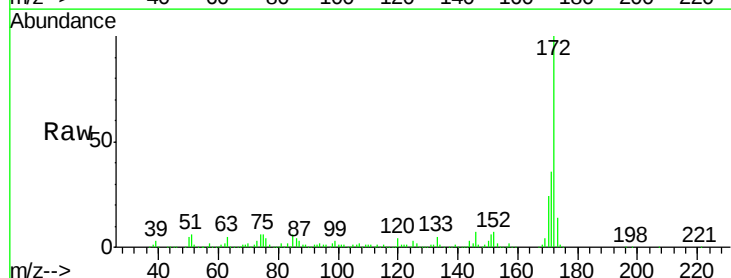
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 77.79 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.4	18.8	28.2

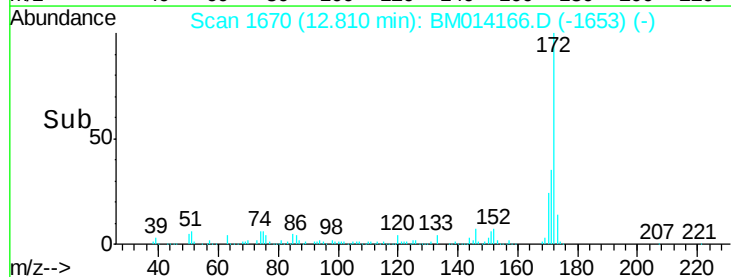
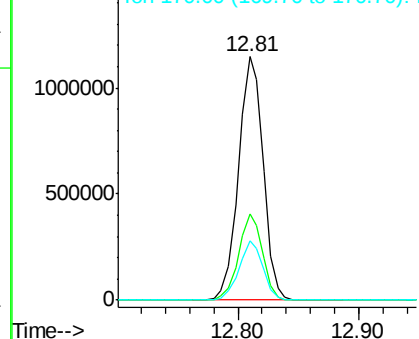


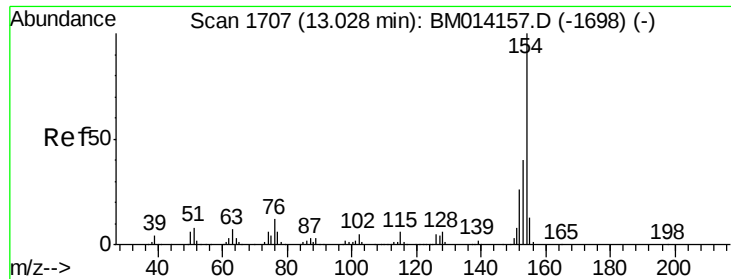
Abundance

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

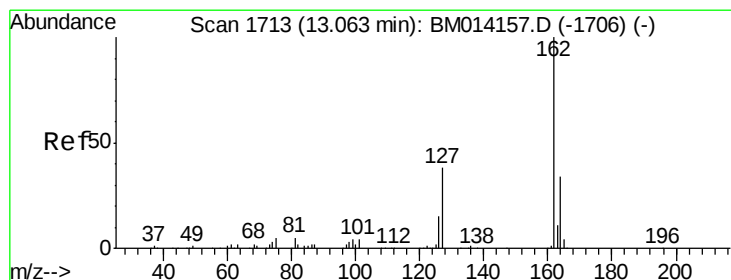
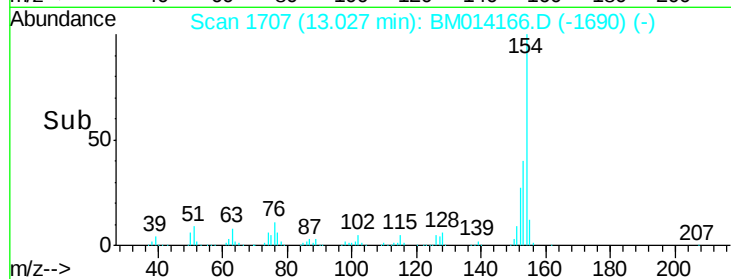
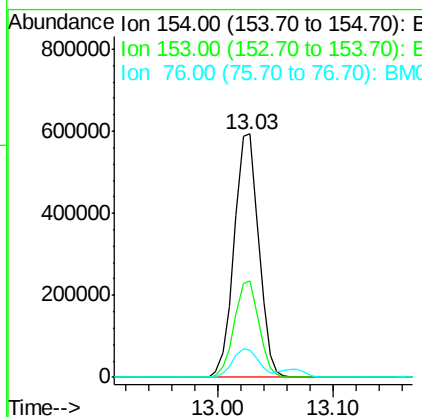
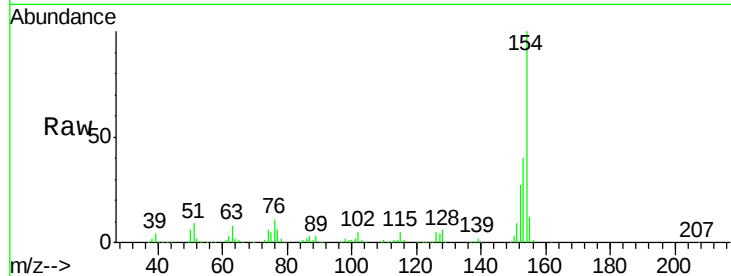




#45
 1,1'-Biphenyl
 Concen: 38.88 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

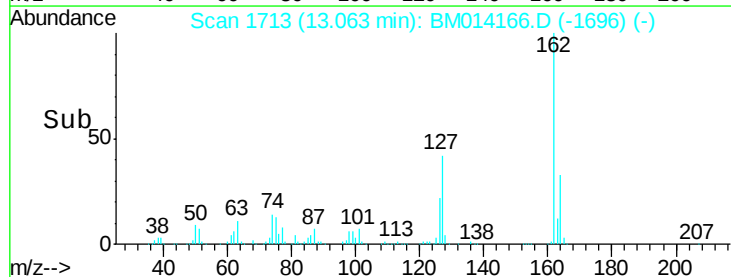
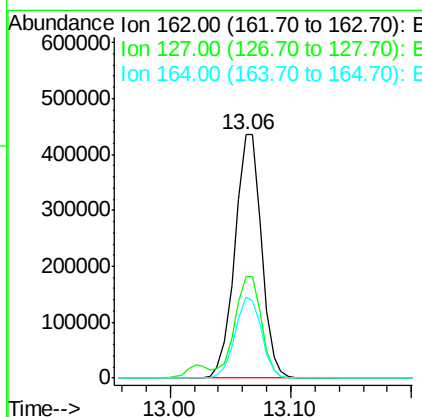
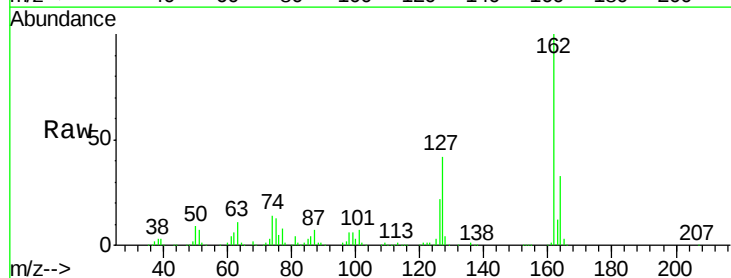
Instrument :
 BNA_F
 ClientSampleId :

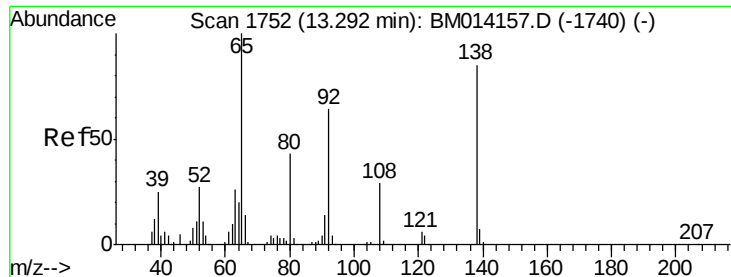
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.7	60.7
76	11.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 39.06 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	26.9	40.3#
164	33.4	26.8	40.2

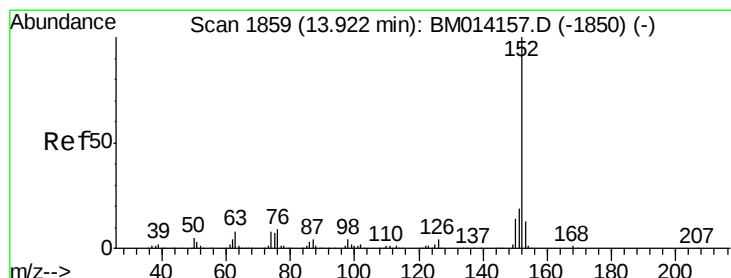
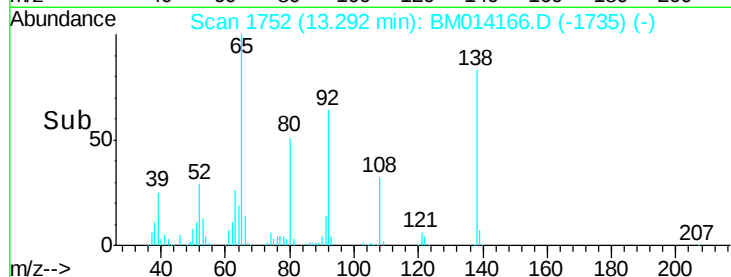
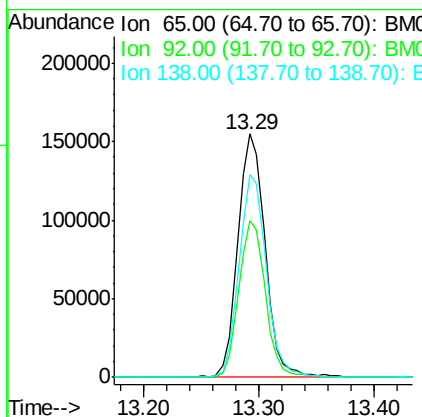
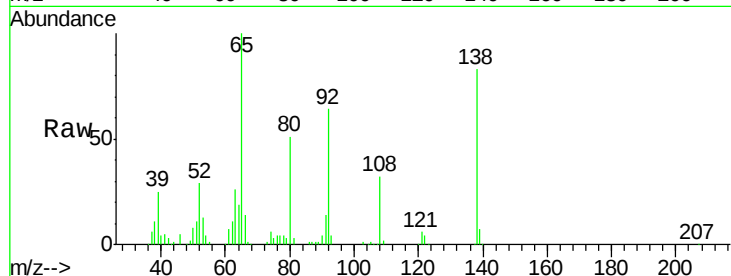




#47
2-Nitroaniline
Concen: 40.21 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

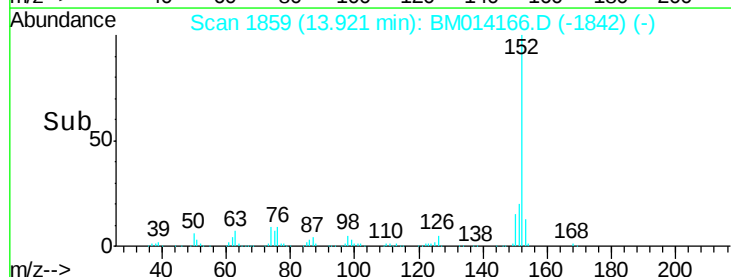
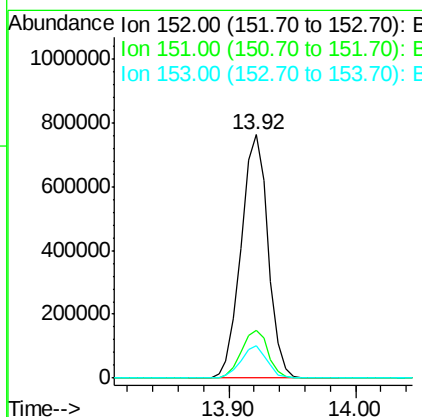
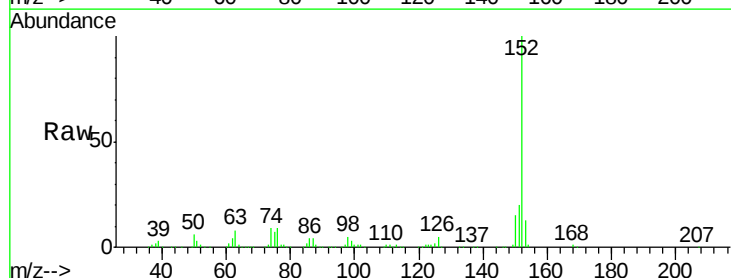
Instrument :
BNA_F
ClientSampleId :

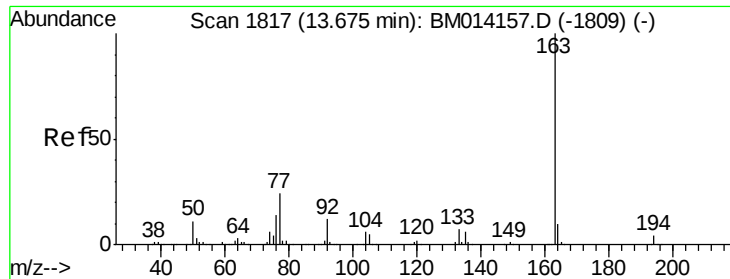
Tot Ion: 65 Resp: 253919
Ion Ratio Lower Upper
65 100
92 64.4 59.1 88.7
138 83.4 93.9 140.9#



#48
Acenaphthylene
Concen: 39.88 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion: 152 Resp: 1122130
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 39.68 ng

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

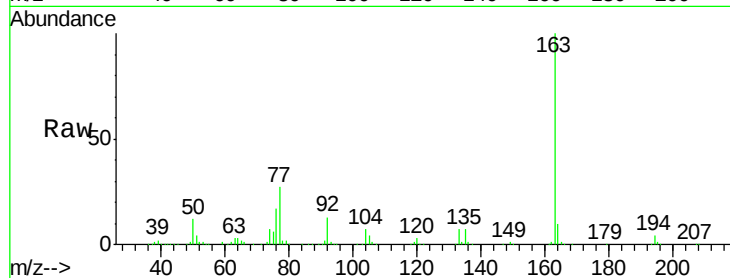
Tot Ion:163 Resp: 927088

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

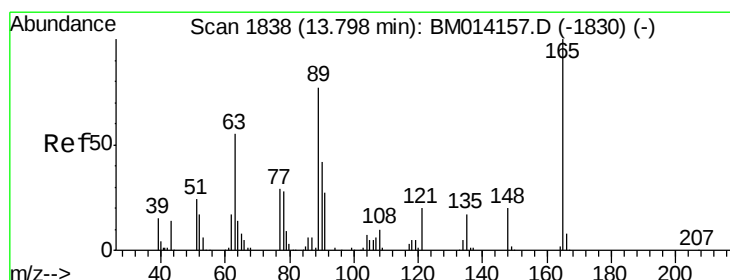
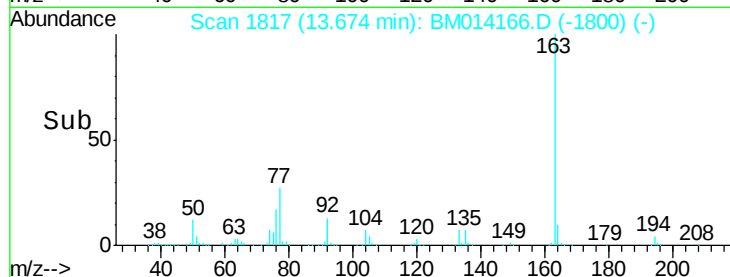
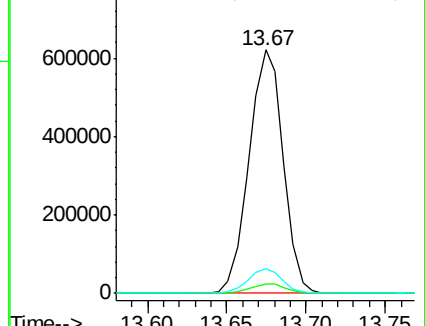
164 10.3 8.2 12.2



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: 39.59 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

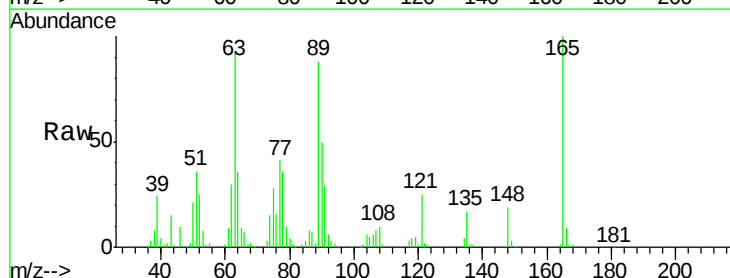
Tgt Ion:165 Resp: 189785

Ion Ratio Lower Upper

165 100

63 92.9 44.1 66.1#

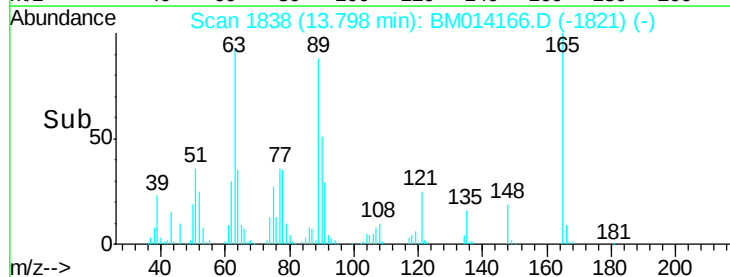
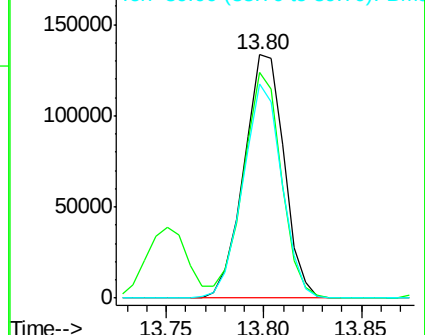
89 88.2 44.3 66.5#

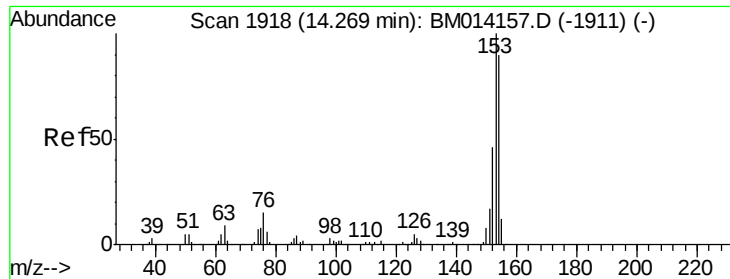


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.80 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

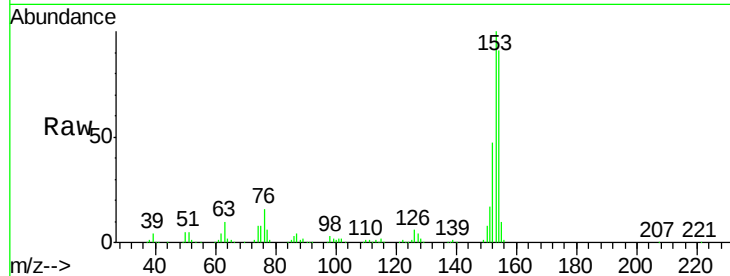
Tot Ion:154 Resp: 690343

Ion Ratio Lower Upper

154 100

153 110.0 90.0 135.0

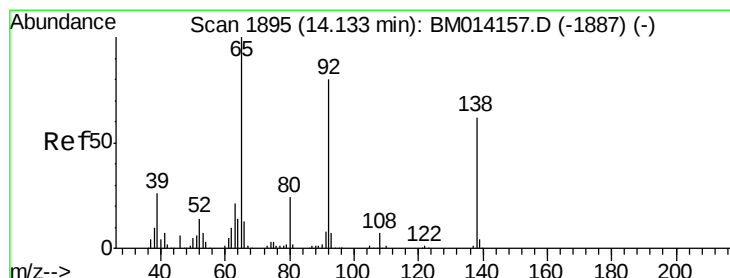
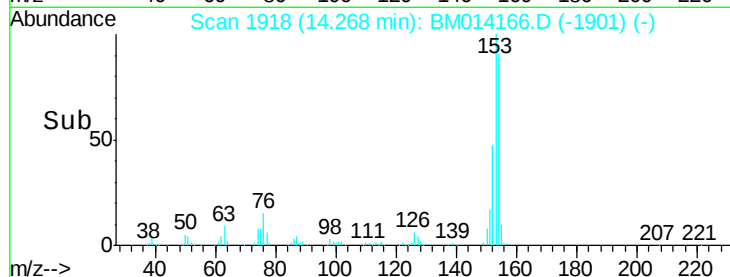
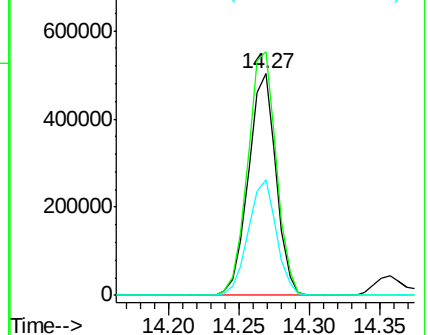
152 52.2 42.6 63.8



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: 39.38 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

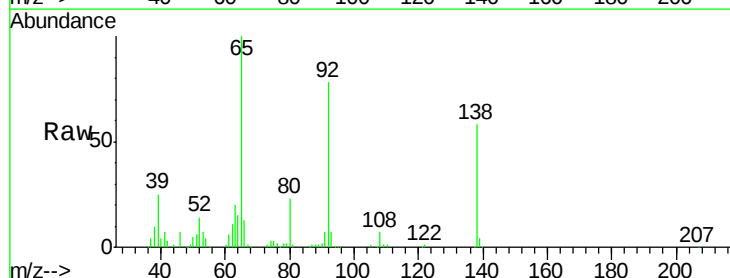
Tgt Ion:138 Resp: 195261

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

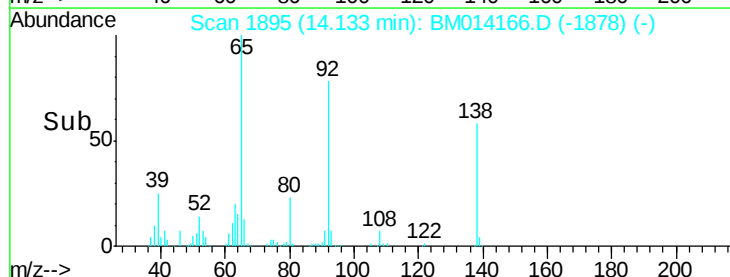
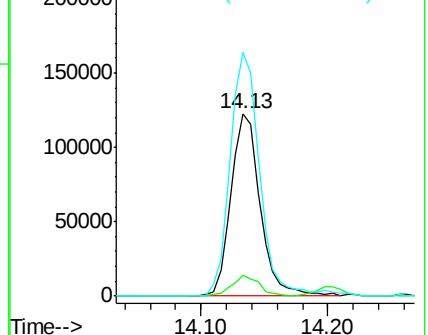
92 133.2 76.6 114.8#

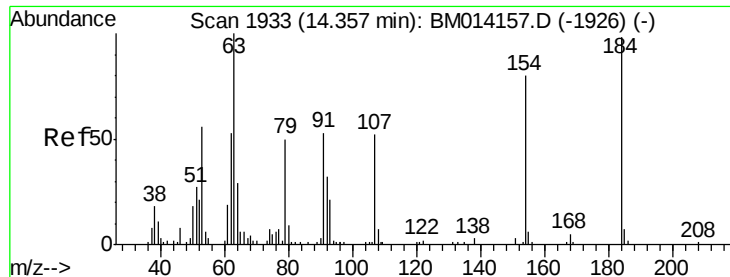


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

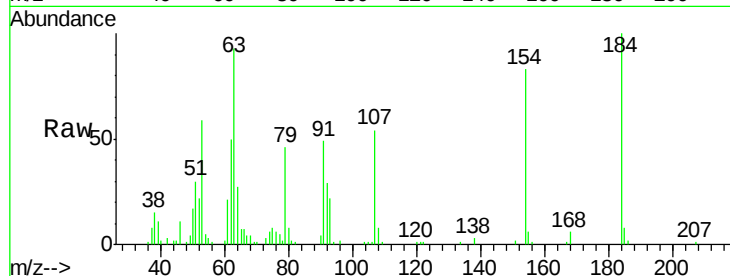




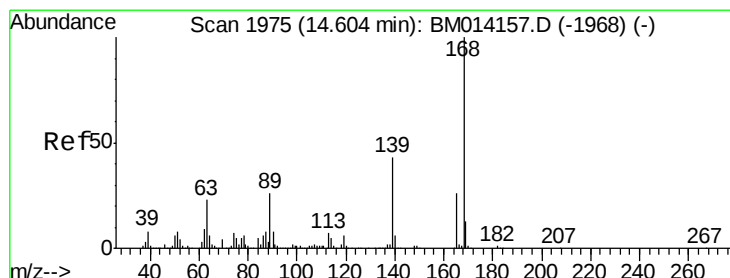
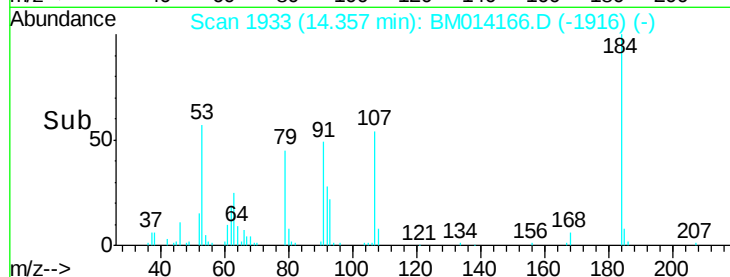
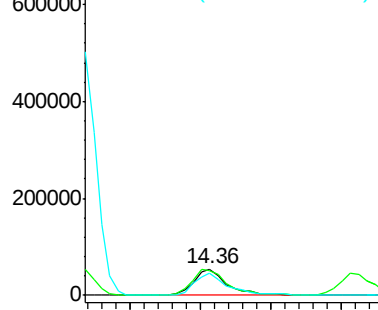
#53
2,4-Dinitrophenol
Concen: 37.08 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 88754
Ion Ratio Lower Upper
184 100
63 93.3 69.2 103.8
154 83.2 53.3 79.9#

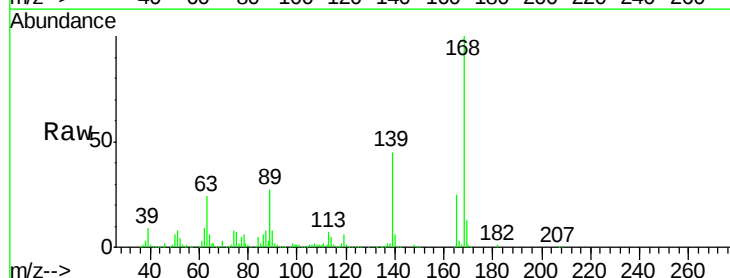


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

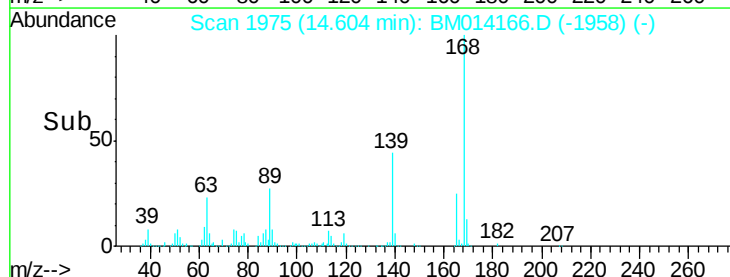
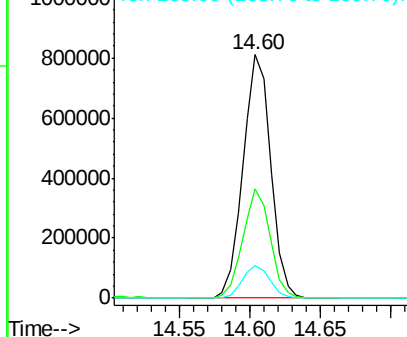


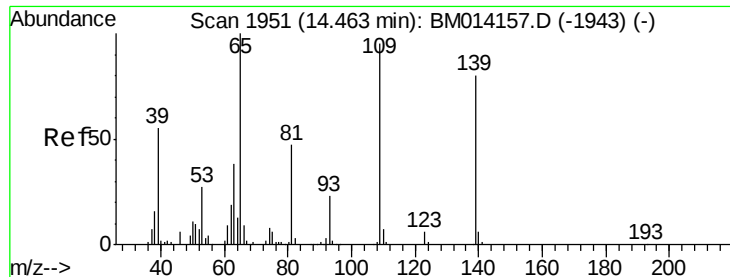
#54
Dibenzofuran
Concen: 41.12 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:168 Resp: 1114401
Ion Ratio Lower Upper
168 100
139 44.6 27.3 40.9#
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

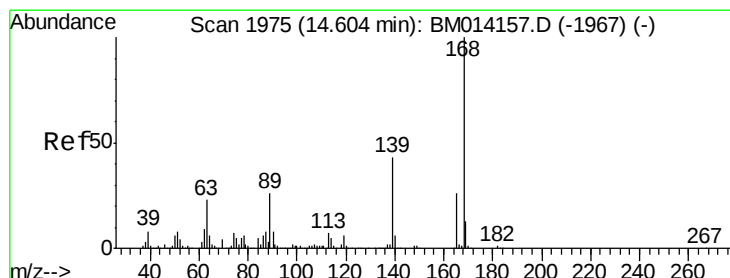
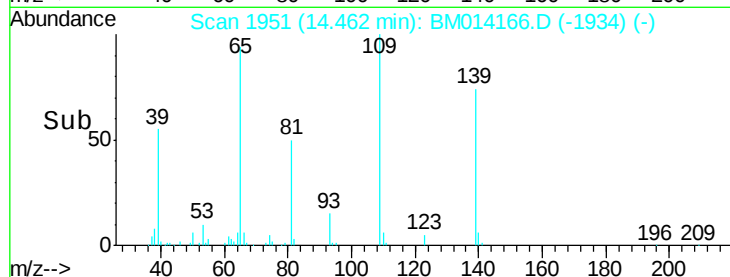
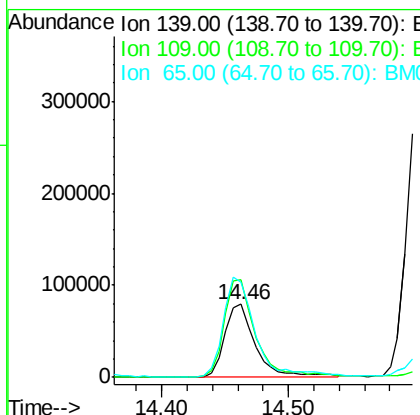
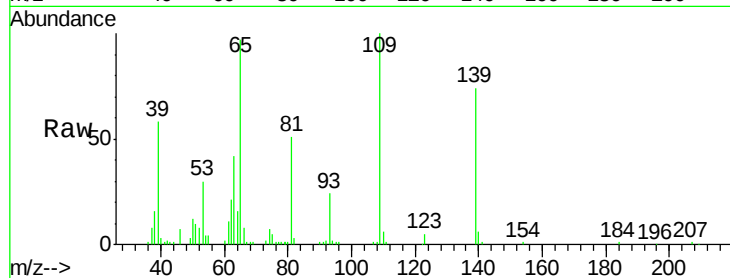




#55
4-Nitrophenol
Concen: 37.68 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

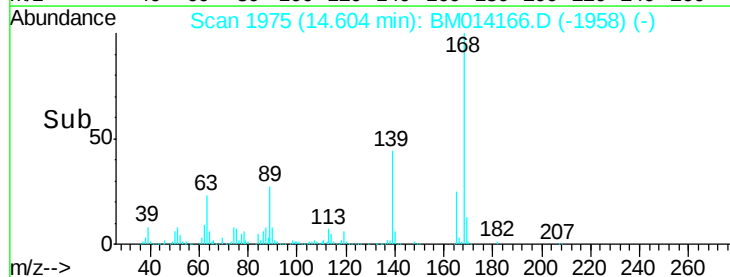
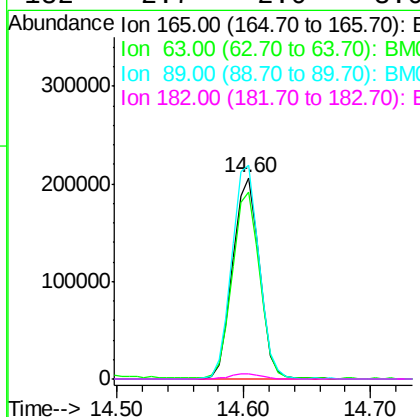
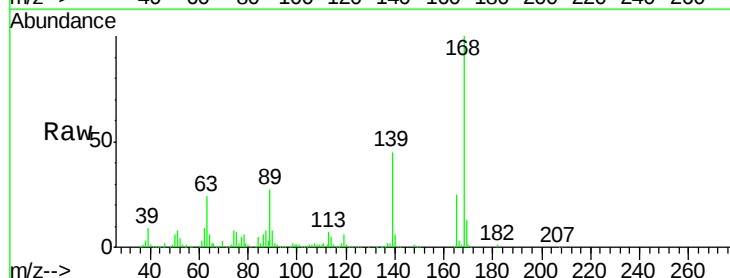
Instrument :
BNA_F
ClientSampleId :

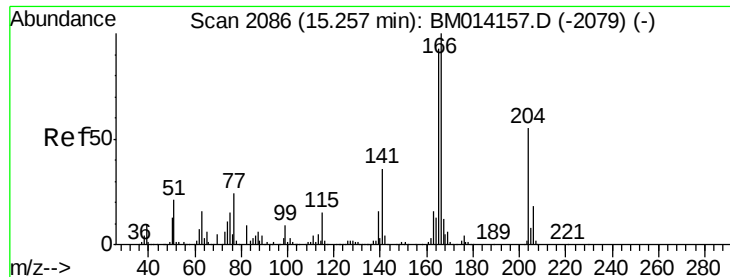
Tot Ion:139 Resp: 135061
Ion Ratio Lower Upper
139 100
109 134.2 130.0 170.0
65 130.2 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 40.69 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:165 Resp: 300996
Ion Ratio Lower Upper
165 100
63 92.5 52.4 78.6#
89 106.0 72.4 108.6
182 2.7 2.0 3.0

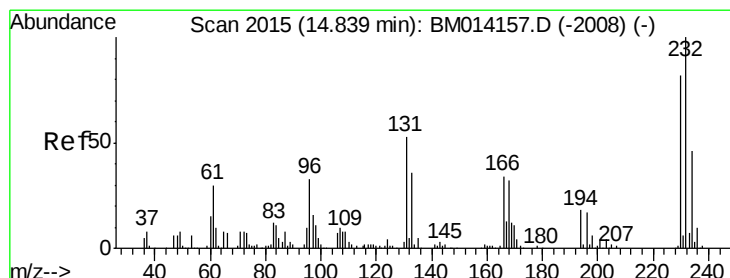
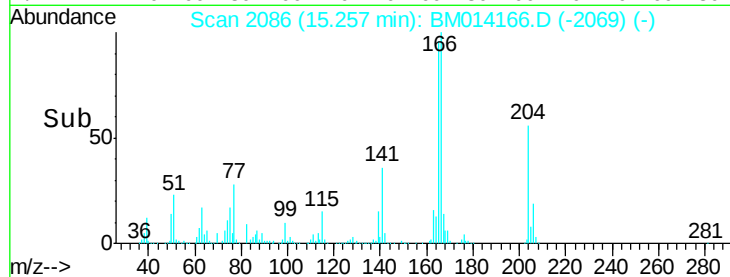
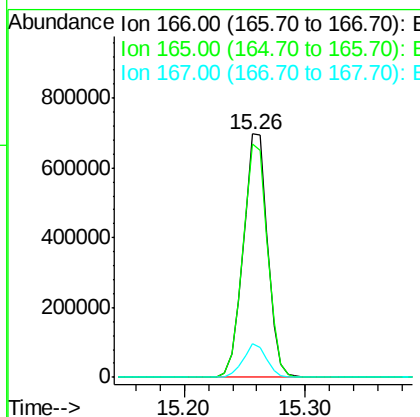
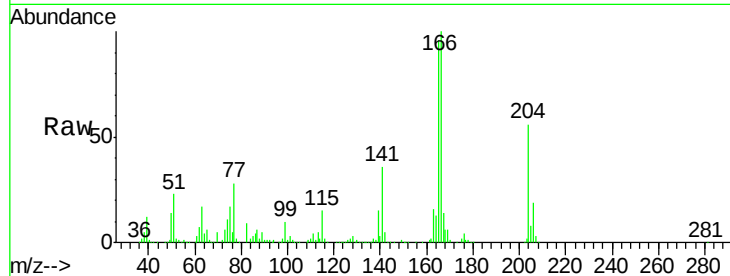




#57
 Fluorene
 Concen: 41.06 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

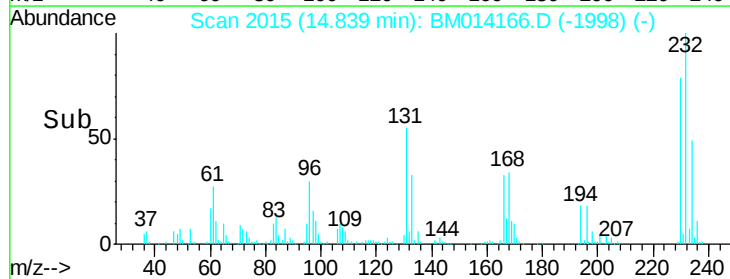
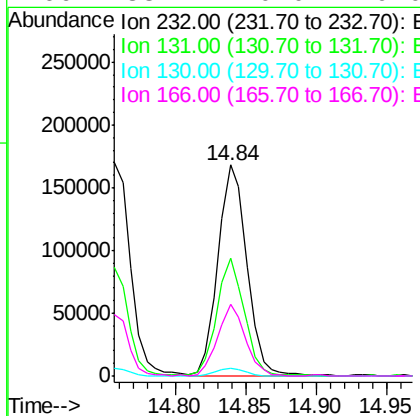
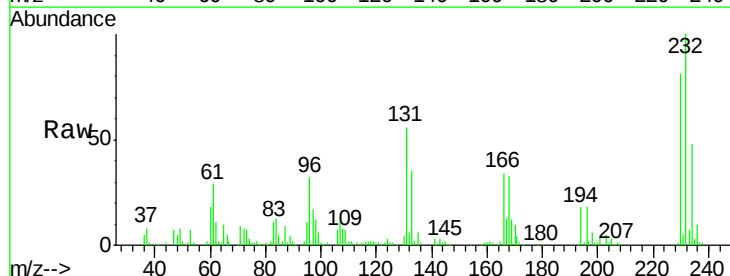
Instrument :
 BNA_F
 ClientSampleID :

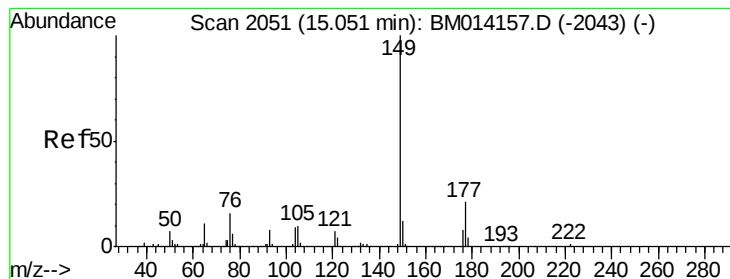
Tot Ion:166 Resp: 978999
 Ion Ratio Lower Upper
 166 100
 165 96.1 79.0 118.4
 167 13.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.75 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion:232 Resp: 238121
 Ion Ratio Lower Upper
 232 100
 131 53.4 0.0 0.0#
 130 3.8 0.0 0.0#
 166 33.1 0.0 0.0#





#59

Diethylphthalate

Concen: 41.54 ng

RT: 15.04 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

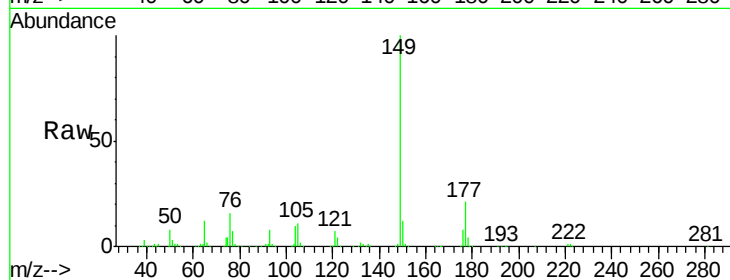
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1077097

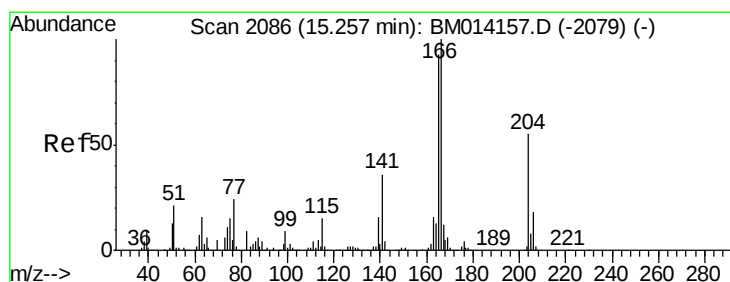
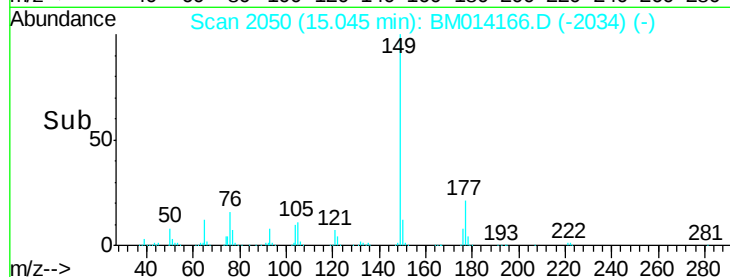
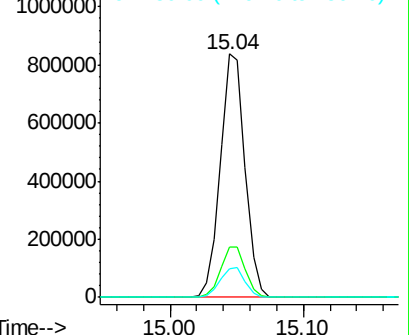
Ion	Ratio	Lower	Upper
149	100		
177	20.5	18.3	27.5
150	11.7	9.8	14.8



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: 40.76 ng

RT: 15.26 min Scan# 2086

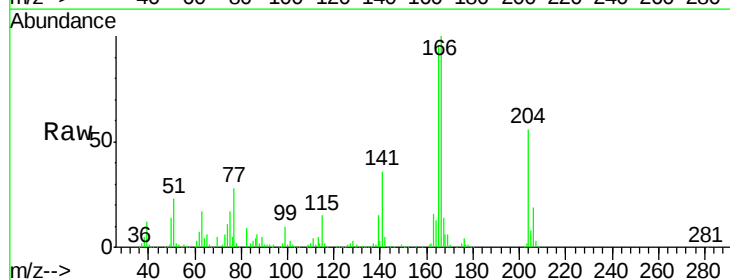
Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Tgt Ion:204 Resp: 505179

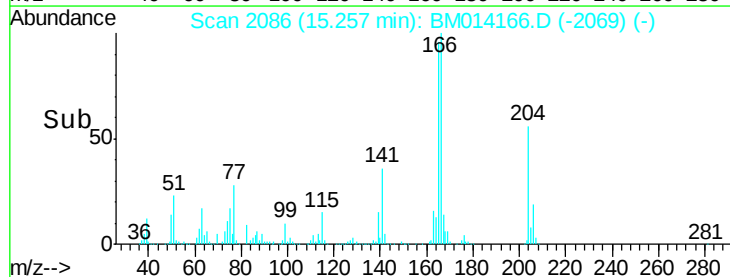
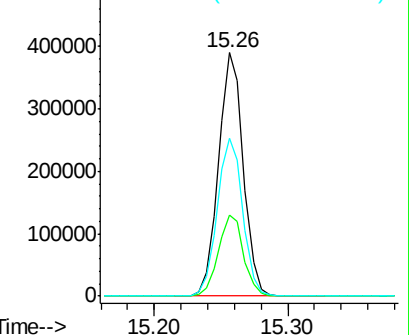
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	64.6	45.2	67.8

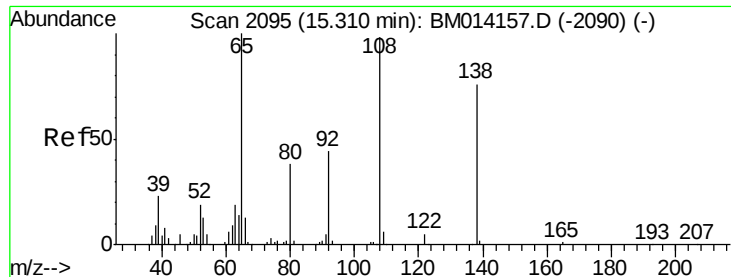


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

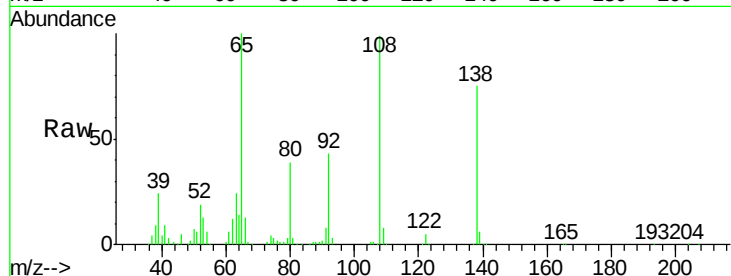




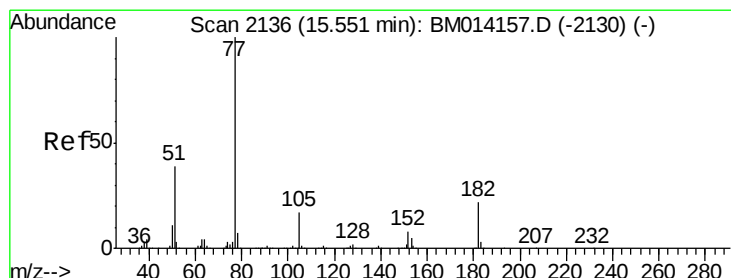
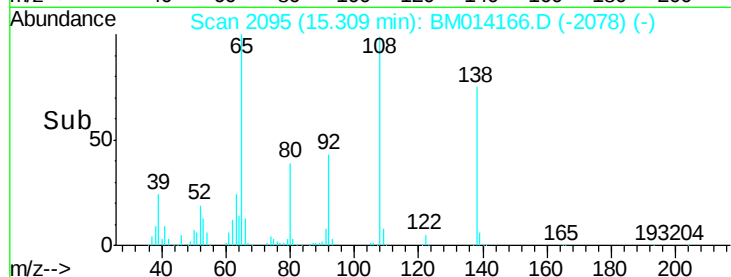
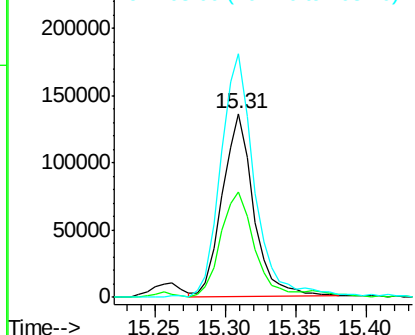
#61
4-Nitroaniline
Concen: 42.05 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 208631
Ion Ratio Lower Upper
138 100
92 57.0 16.7 56.7#
108 132.3 37.6 77.6#

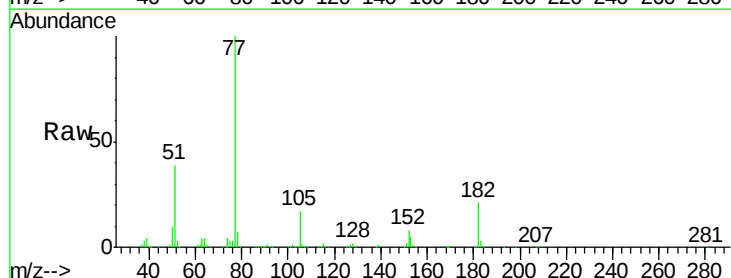


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

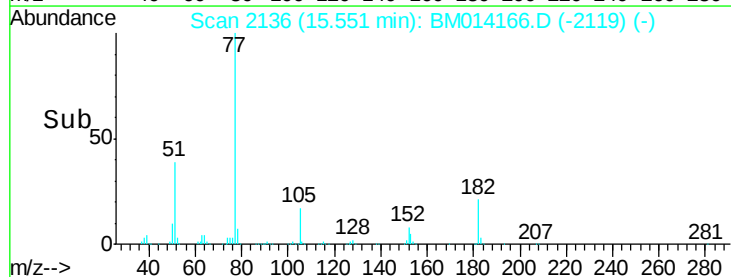
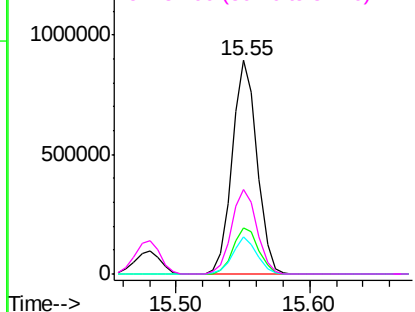


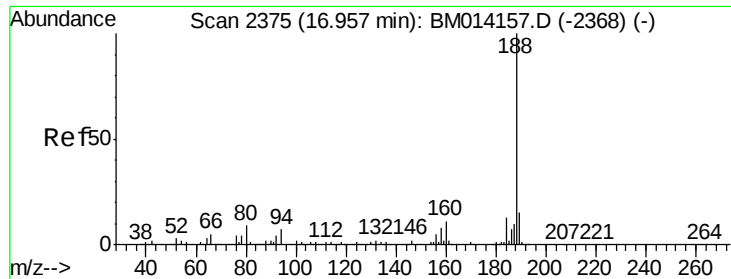
#62
Azobenzene
Concen: 43.12 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion: 77 Resp: 1161179
Ion Ratio Lower Upper
77 100
182 21.5 6.5 46.5
105 17.1 3.8 43.8
51 39.4 5.5 45.5



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

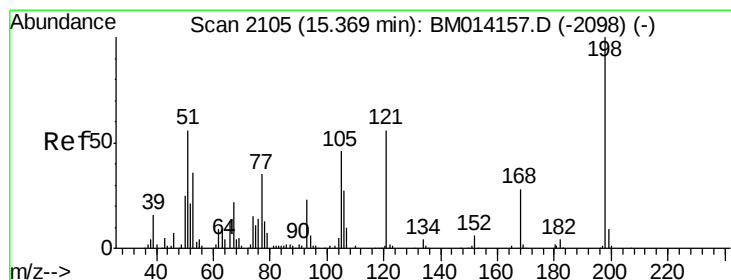
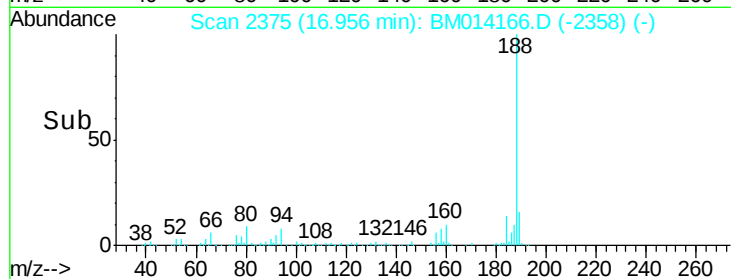
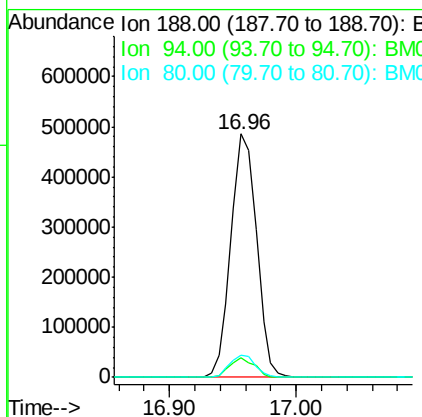
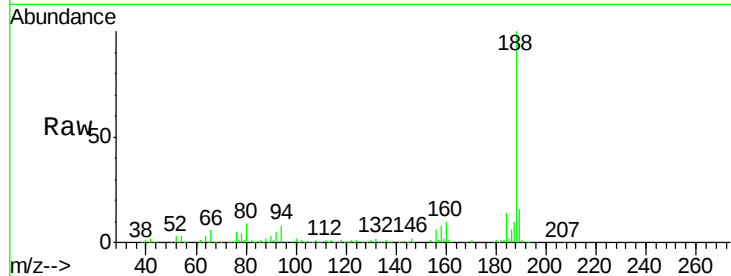




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

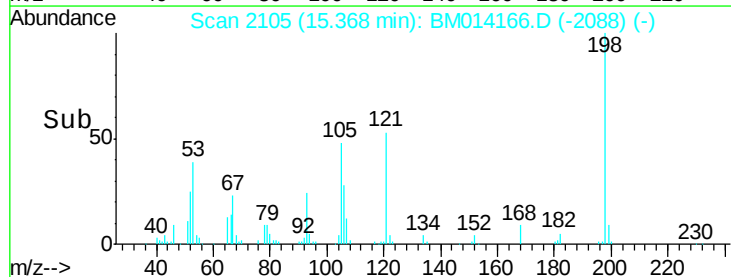
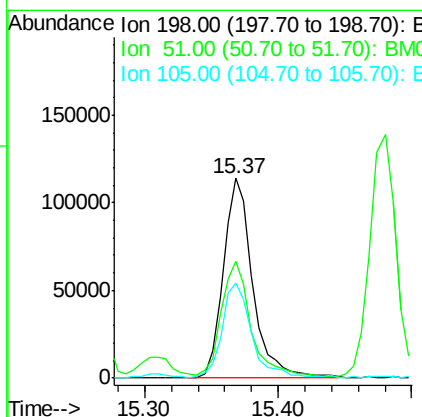
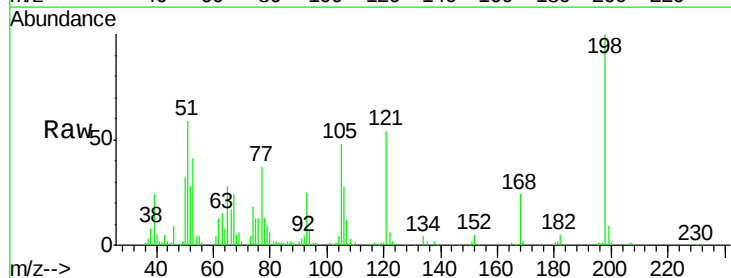
Instrument :
BNA_F
ClientSampleId :

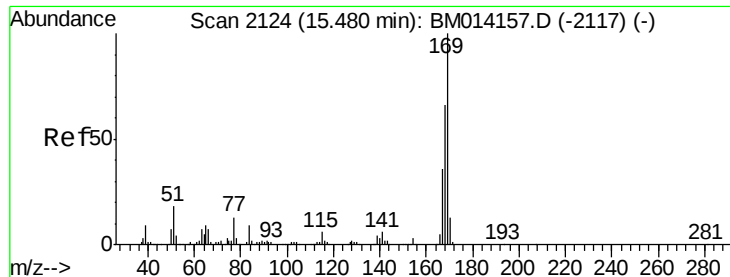
Tot Ion:188 Resp: 679633
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.9 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.10 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:198 Resp: 176579
Ion Ratio Lower Upper
198 100
51 58.6 28.8 68.8
105 47.8 30.5 70.5

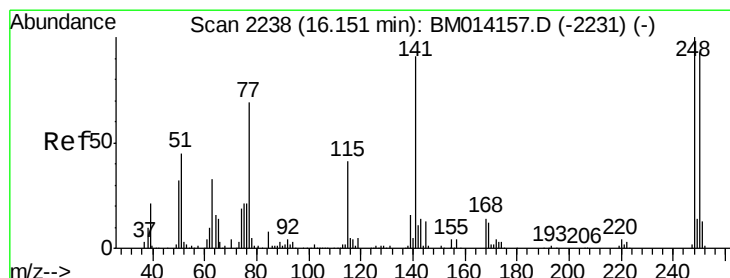
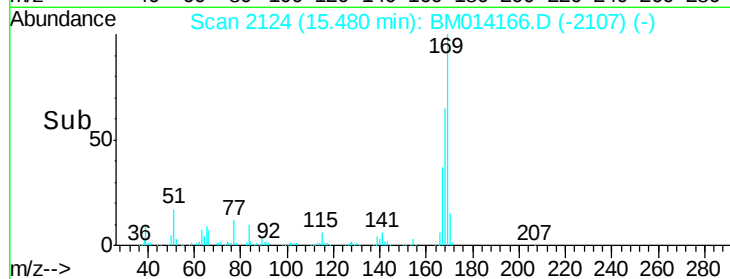
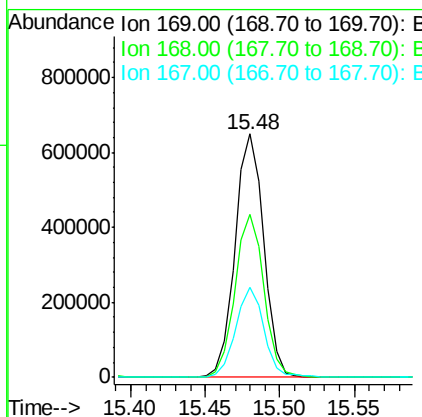
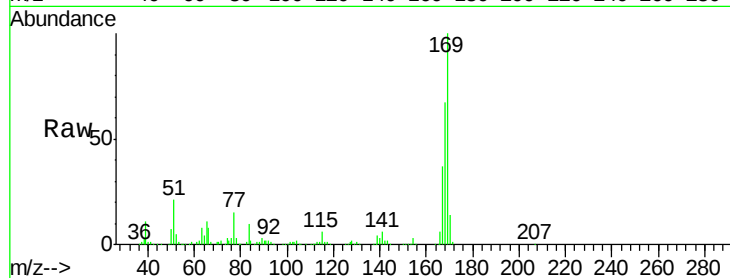




#65
n-Nitrosodiphenylamine
Concen: 40.48 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

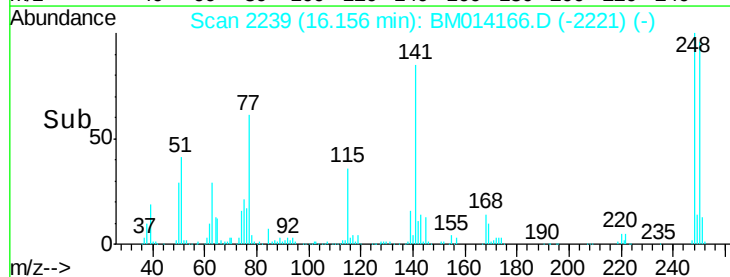
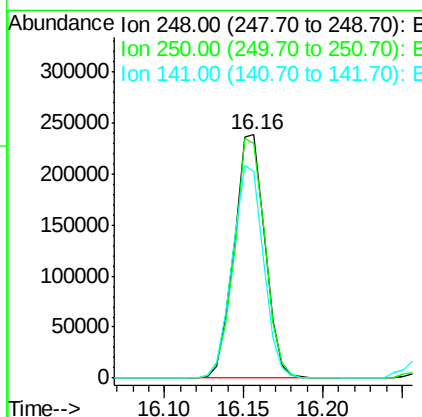
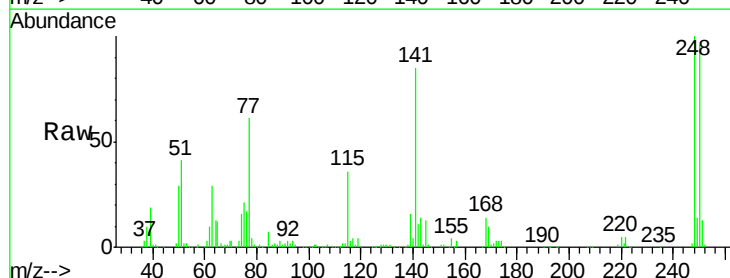
Instrument :
BNA_F
ClientSampleId :

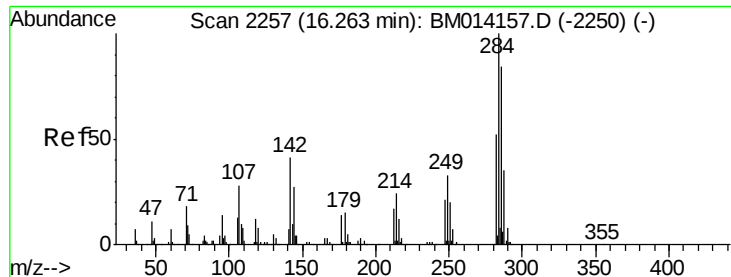
Tot Ion:169 Resp: 868549
Ion Ratio Lower Upper
169 100
168 67.2 53.9 80.9
167 36.8 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 40.48 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:248 Resp: 322435
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.0
141 84.6 45.2 67.8#

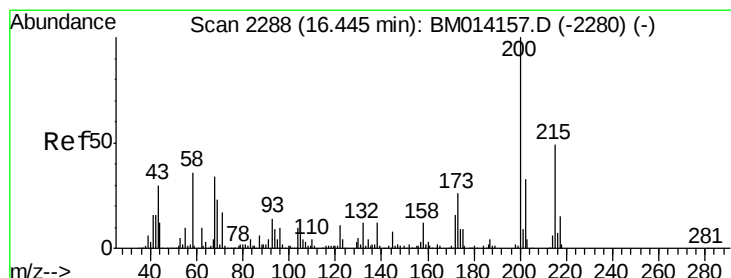
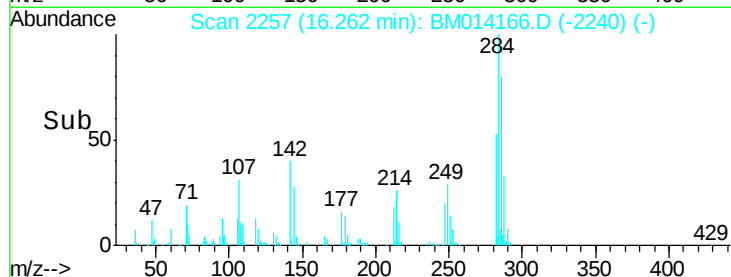
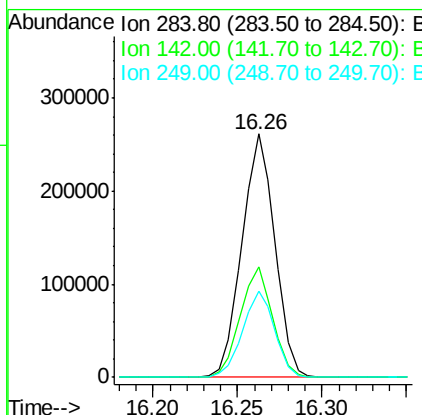
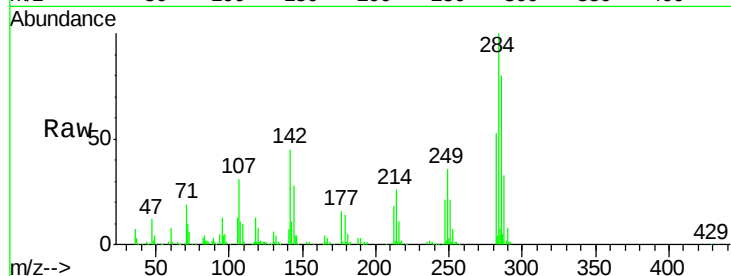




#67
Hexachlorobenzene
Concen: 40.52 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

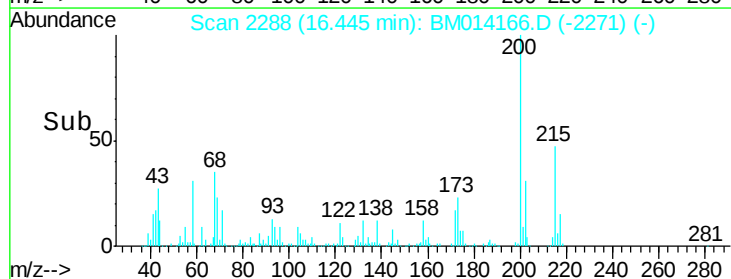
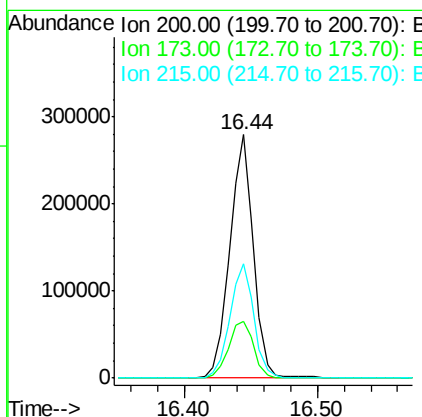
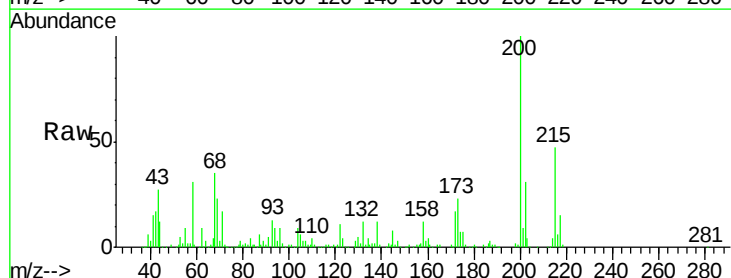
Instrument :
BNA_F
ClientSampleId :

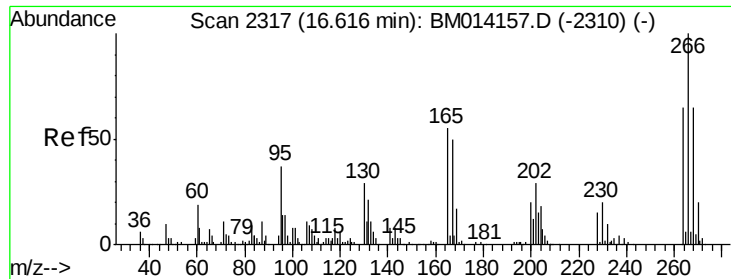
Tot Ion	Ratio	Lower	Upper
284	100		
142	45.4	20.4	30.6
249	35.5	23.8	35.6



#68
Atrazine
Concen: 42.90 ng
RT: 16.44 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.8	44.8
215	47.2	26.9	66.9

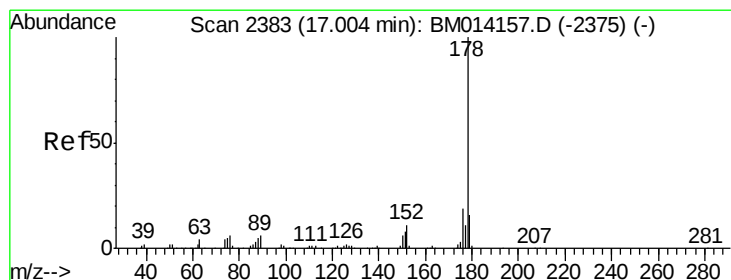
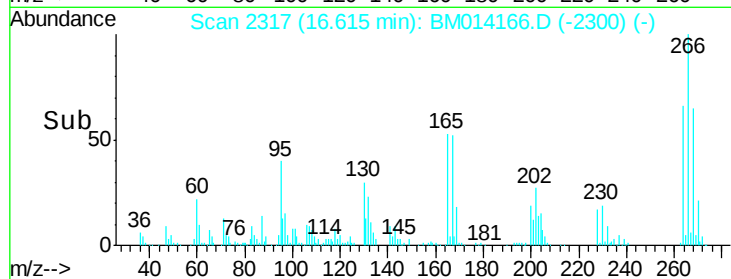
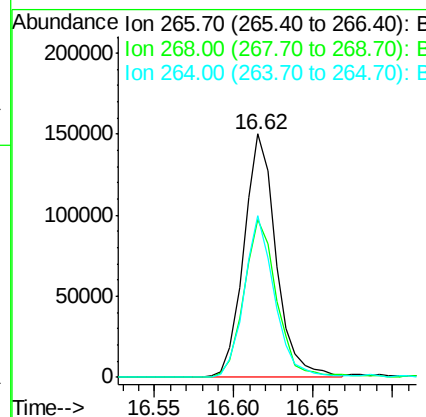
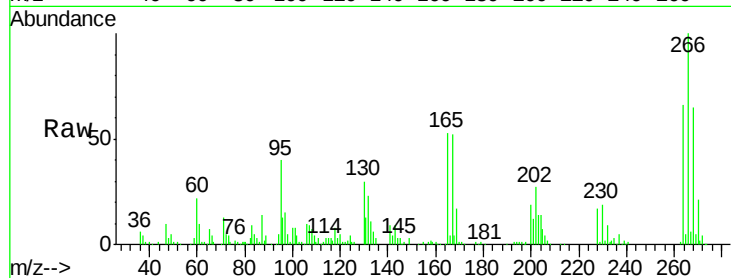




#69
 Pentachlorophenol
 Concen: 38.68 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

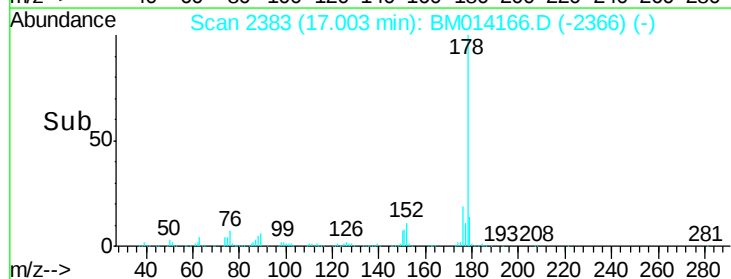
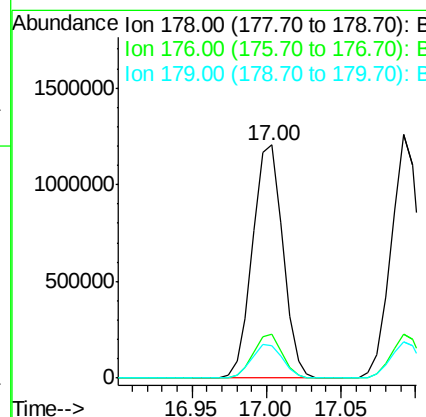
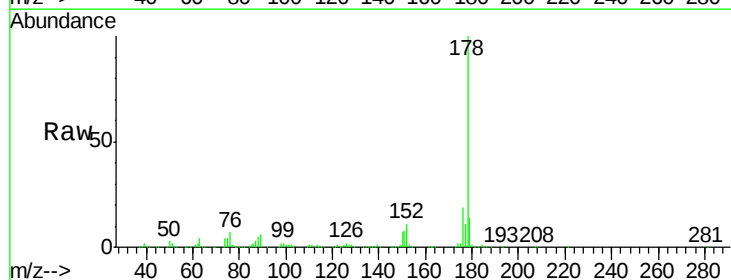
Instrument :
 BNA_F
 ClientSampleId :

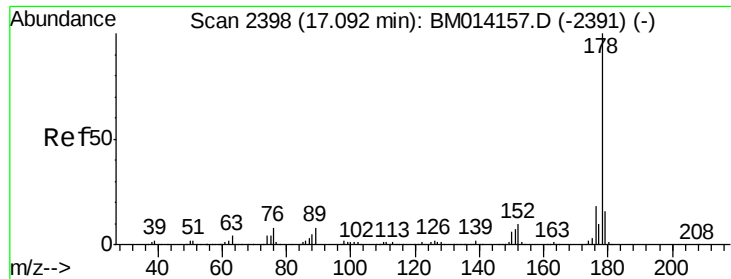
Tot Ion:266 Resp: 211828
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 66.3 49.0 73.4



#70
 Phenanthrene
 Concen: 41.19 ng
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion:178 Resp: 1688854
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 14.1 12.1 18.1

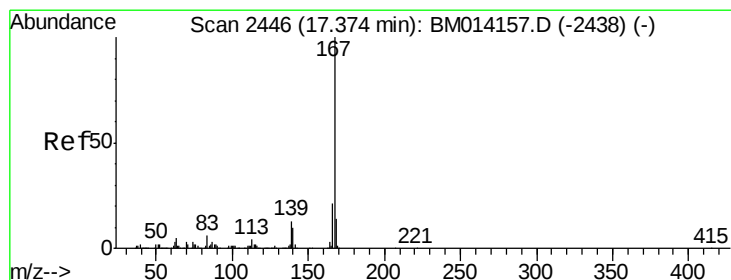
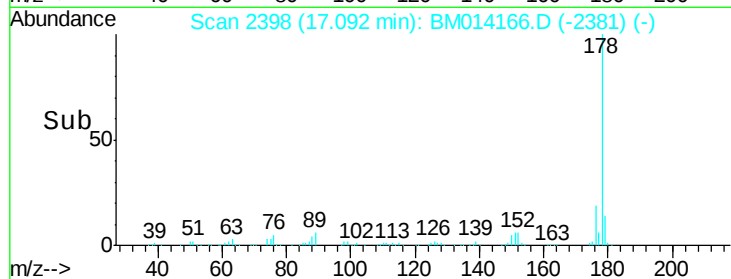
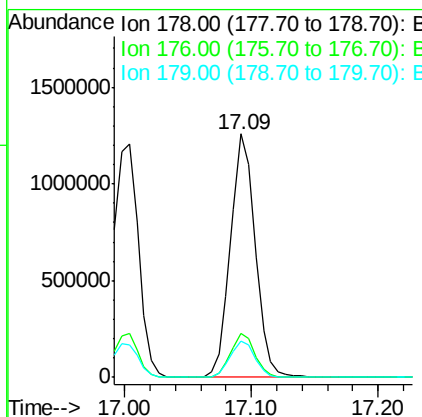
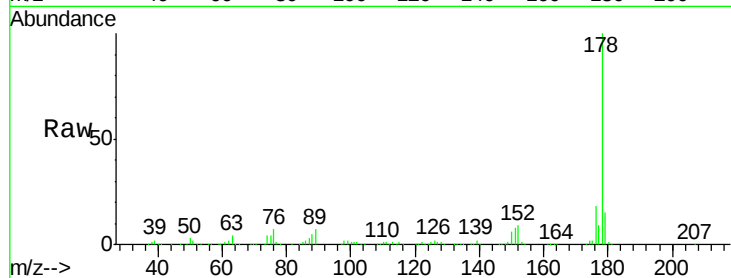




#71
 Anthracene
 Concen: 42.27 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

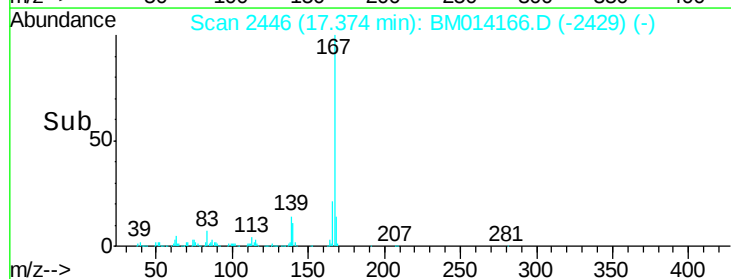
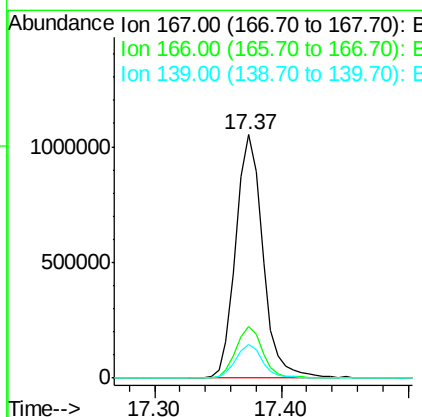
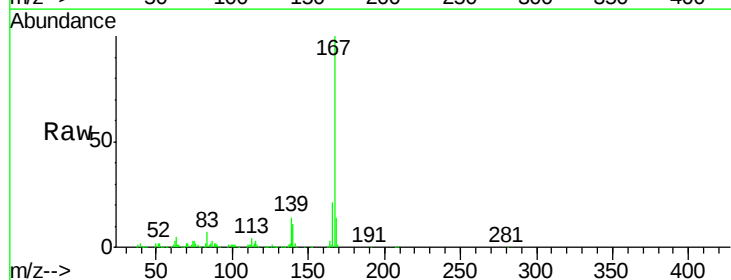
Instrument :
 BNA_F
 ClientSampleId :

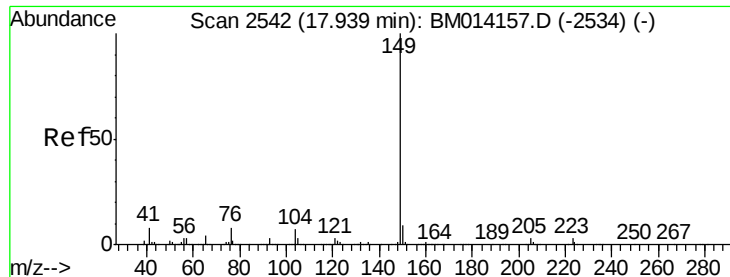
Tot Ion:178 Resp: 1688716
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 41.55 ng
 RT: 17.37 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion:167 Resp: 1560316
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.22 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

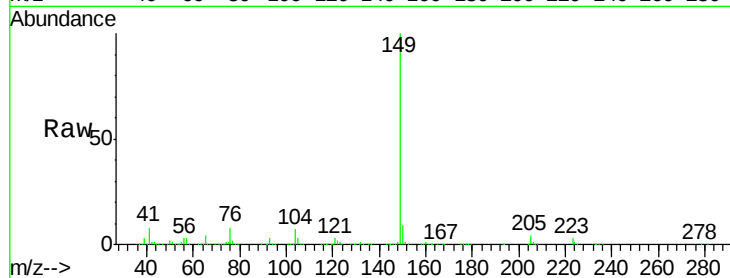
Tot Ion:149 Resp: 2077034

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

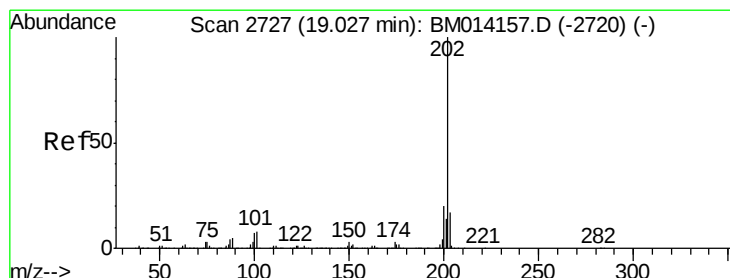
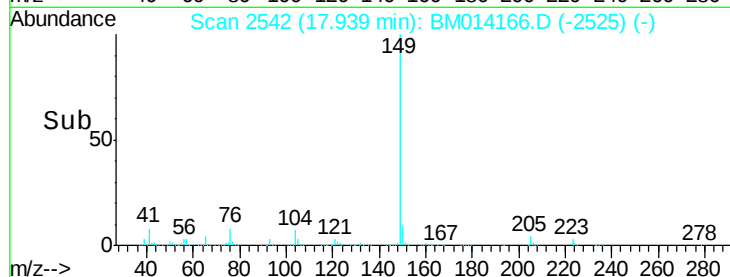
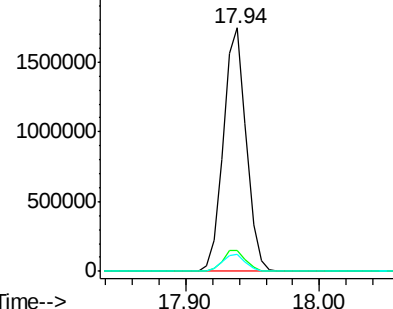
104 7.1 3.7 5.5#



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: 43.26 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

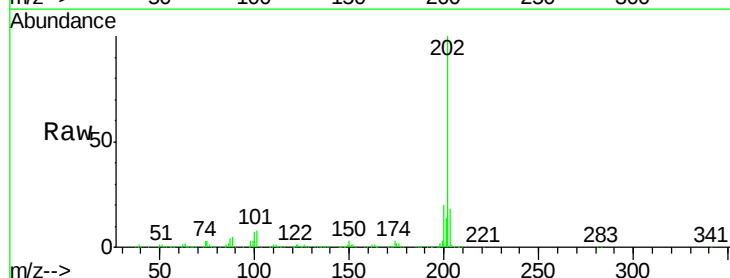
Tgt Ion:202 Resp: 2088191

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

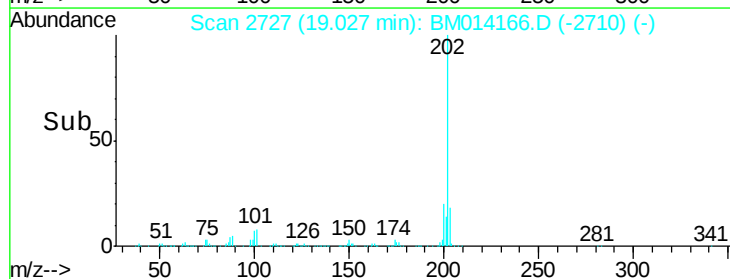
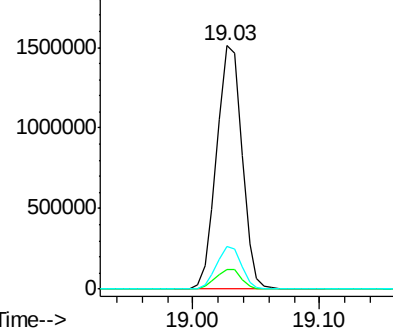
203 17.5 0.0 37.2

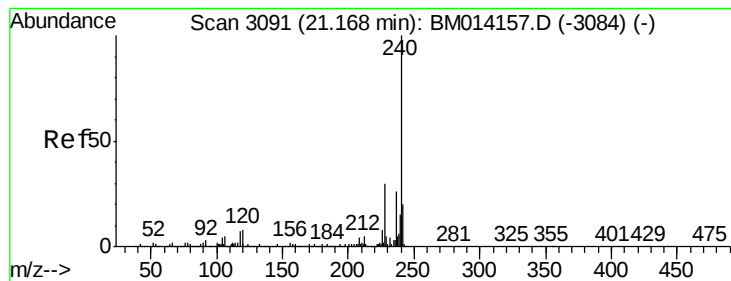


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampled :

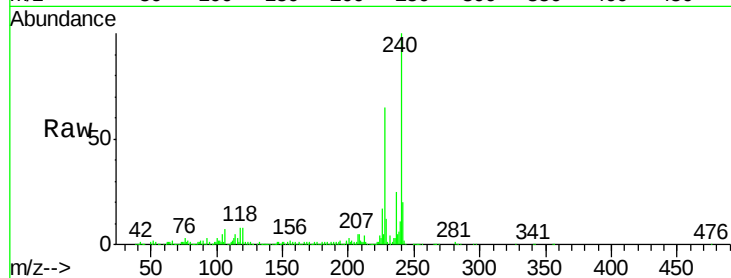
Tot Ion:240 Resp: 820845

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

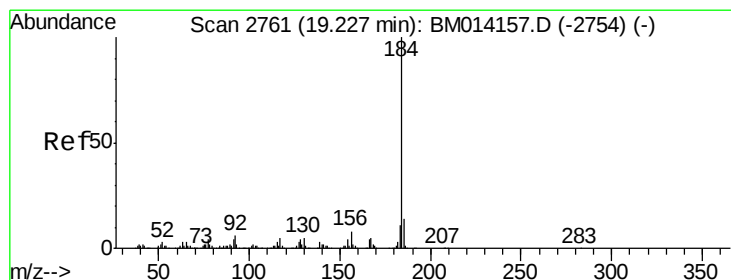
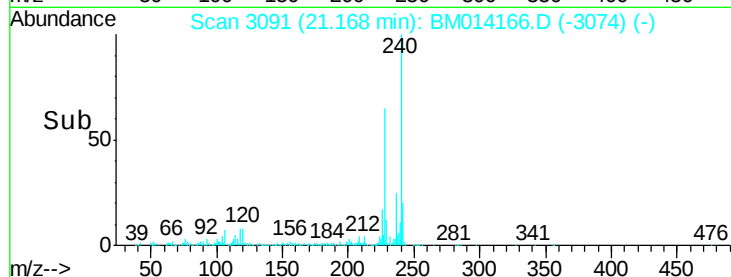
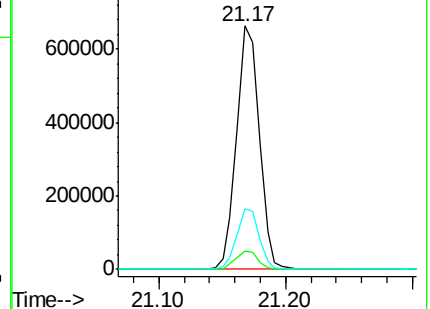
236 24.9 20.0 30.0



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: 40.65 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

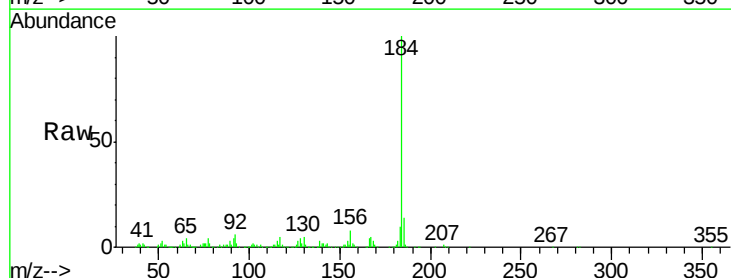
Tgt Ion:184 Resp: 993709

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

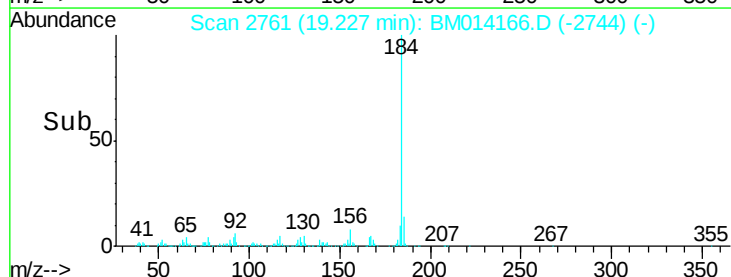
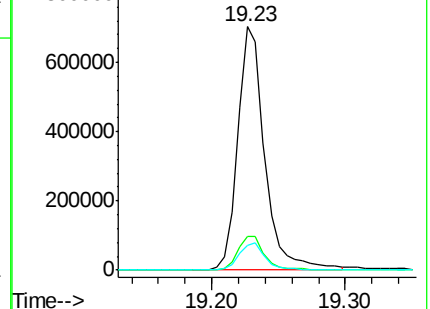
183 10.4 8.9 13.3

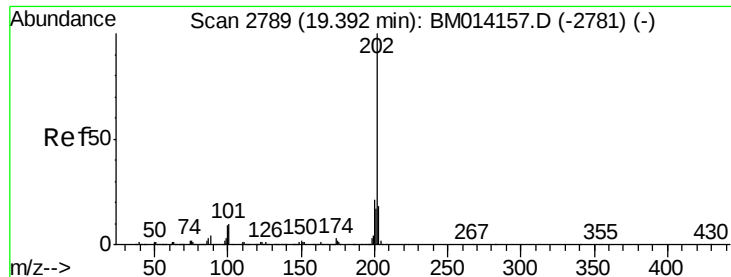


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.44 ng

RT: 19.39 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

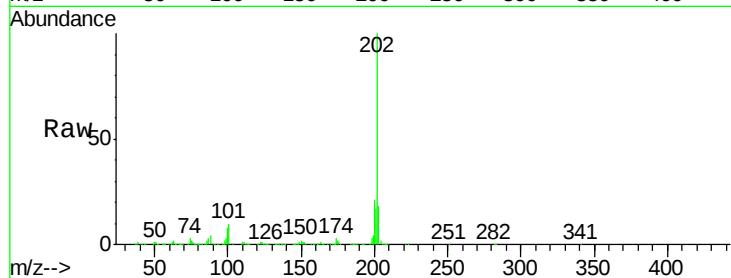
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2192284

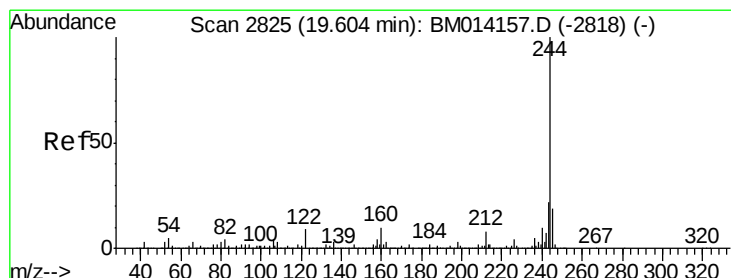
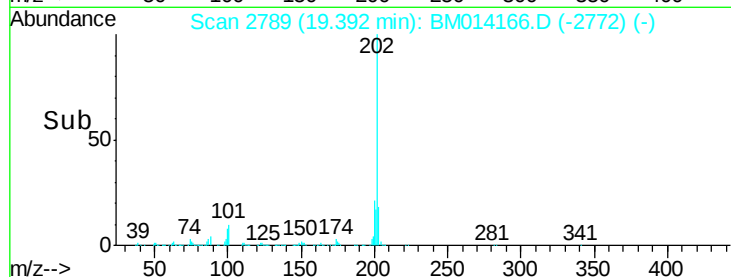
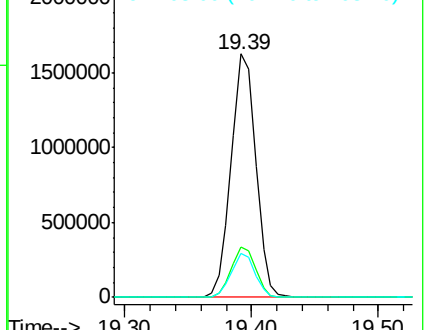
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.8	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.79 ng

RT: 19.61 min Scan# 2826

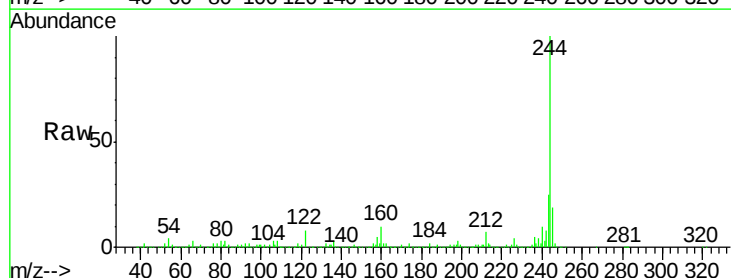
Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Tgt Ion:244 Resp: 3268019

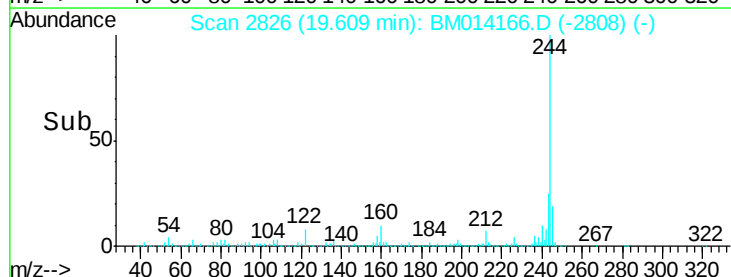
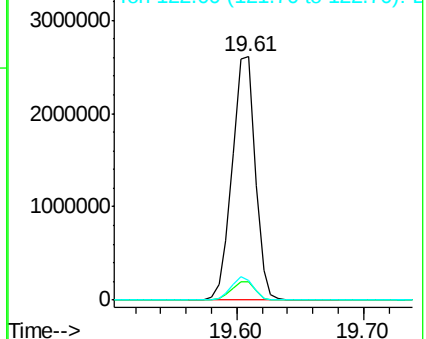
Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	8.3	6.2	9.4

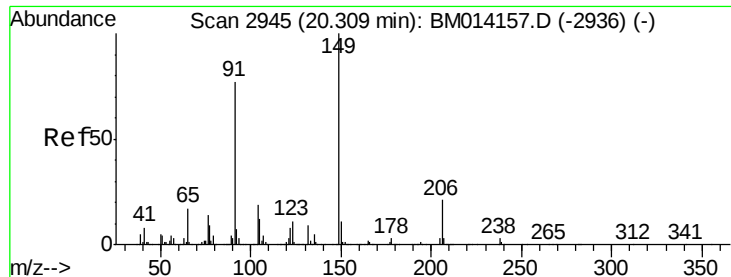


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

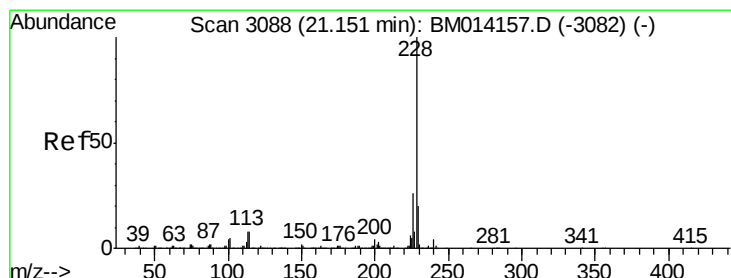
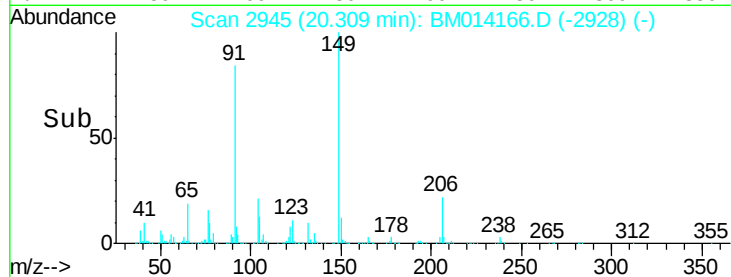
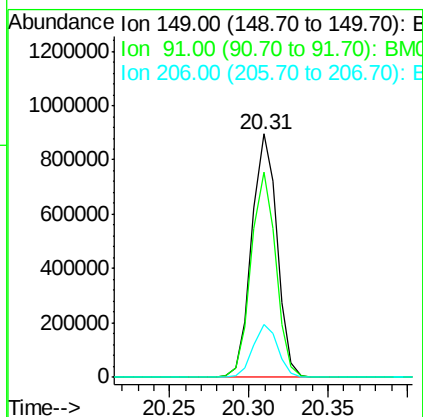
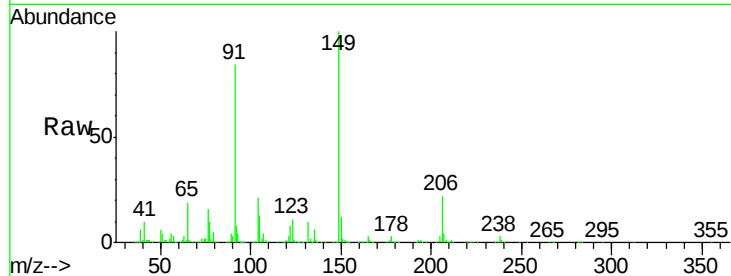




#79
Butylbenzylphthalate
Concen: 38.91 ng
RT: 20.31 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

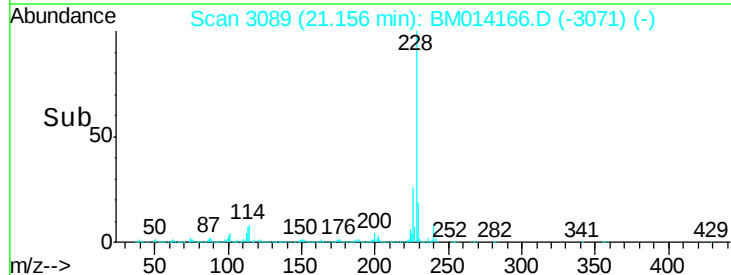
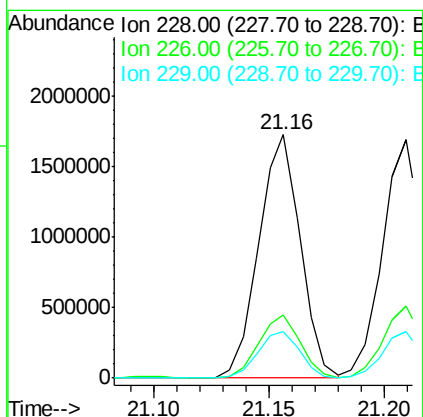
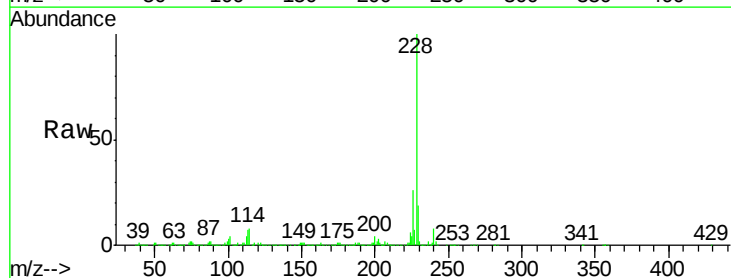
Instrument :
BNA_F
ClientSampleId :

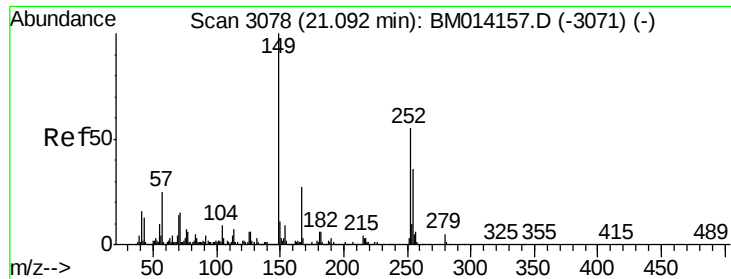
Tot Ion:149 Resp: 999330
Ion Ratio Lower Upper
149 100
91 84.3 50.1 75.1#
206 21.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 21.16 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:228 Resp: 2155255
Ion Ratio Lower Upper
228 100
226 25.9 21.7 32.5
229 18.9 16.0 24.0

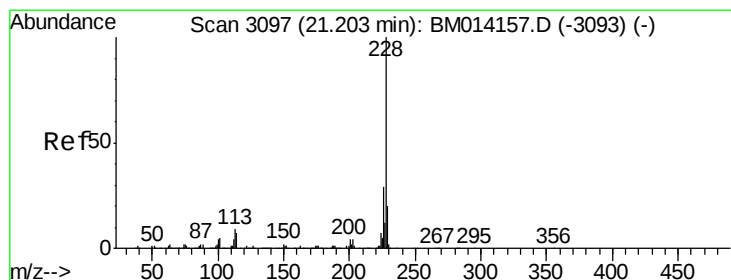
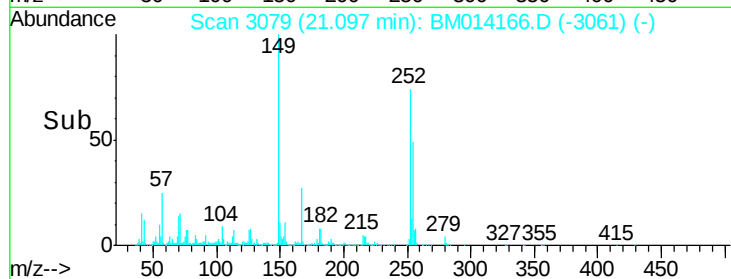
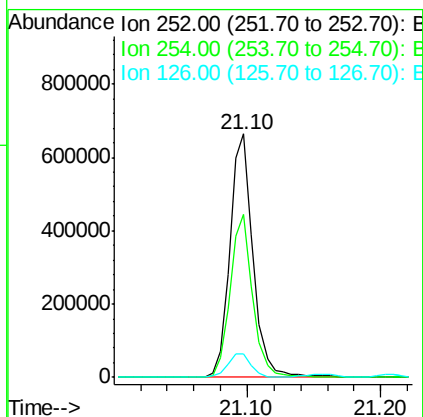
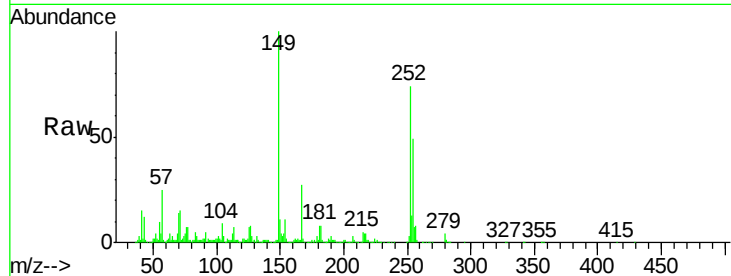




#81
 3,3'-Dichlorobenzidine
 Concen: 40.33 ng
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

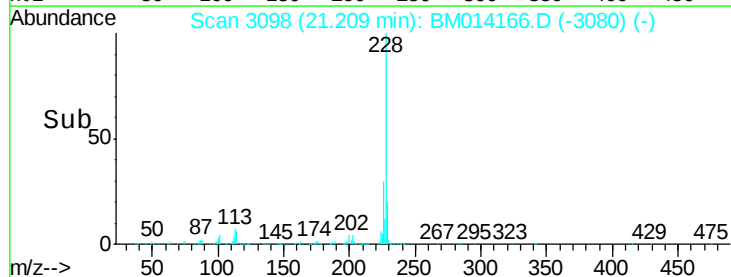
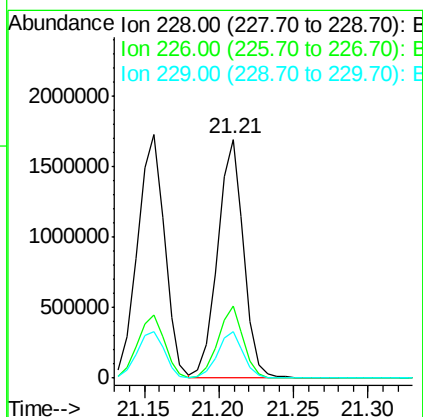
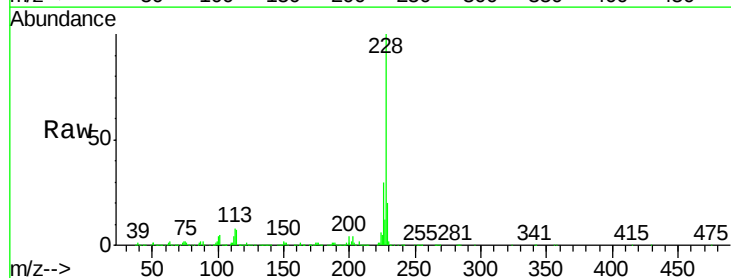
Instrument :
 BNA_F
 ClientSampled :

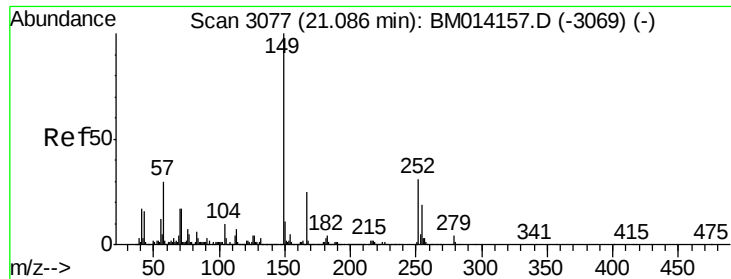
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.9	77.9
126	9.4	9.8	14.8



#82
 Chrysene
 Concen: 39.84 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.5	15.5	23.3

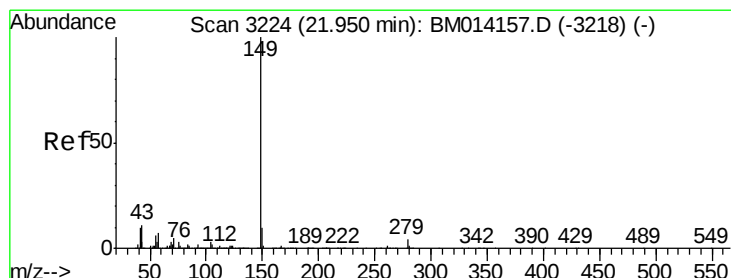
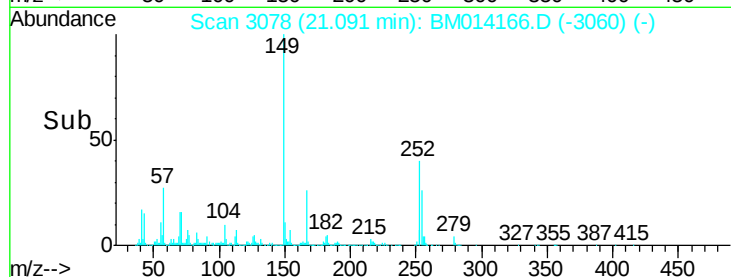
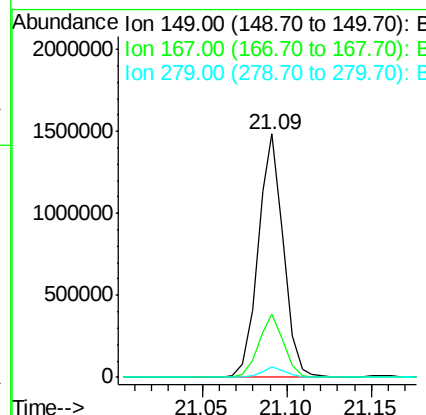
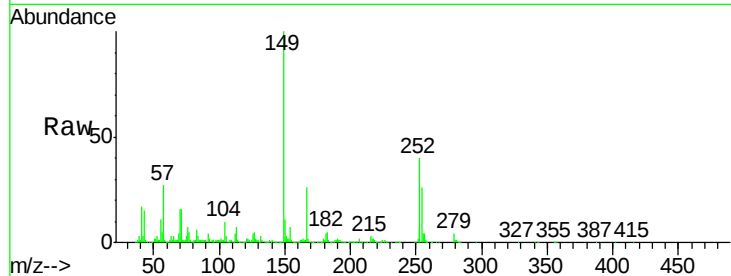




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.09 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

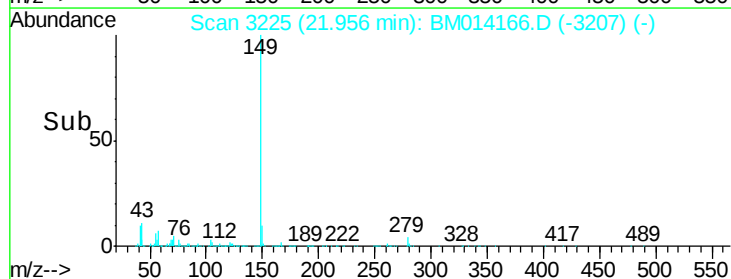
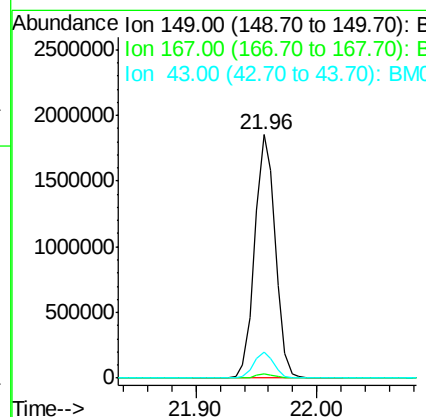
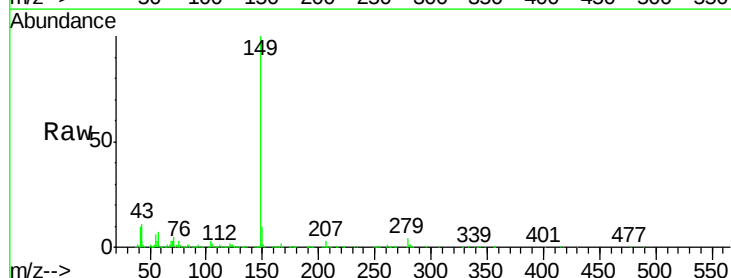
Instrument :
 BNA_F
 ClientSampleId :

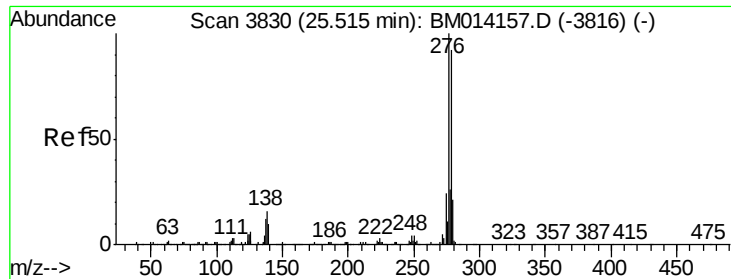
Tot Ion:149 Resp: 1539362
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.4 33.6
 279 4.3 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 42.44 ng
 RT: 21.96 min Scan# 3225
 Delta R.T. 0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Tgt Ion:149 Resp: 2200640
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 7.3 10.9

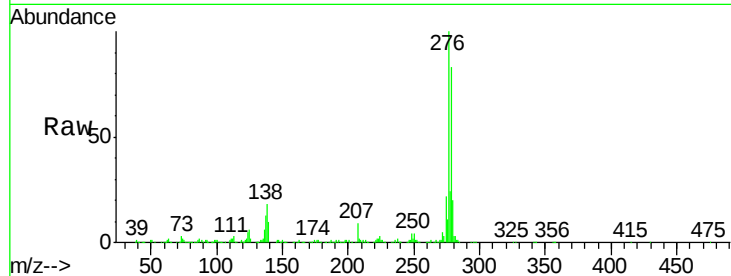




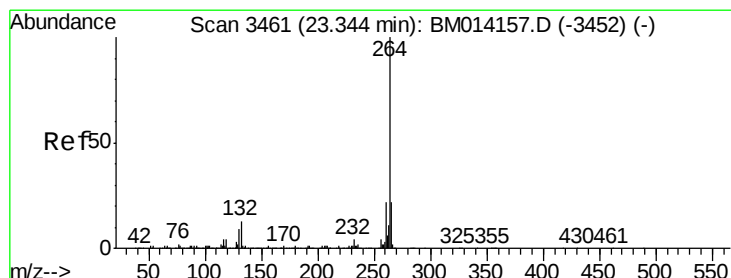
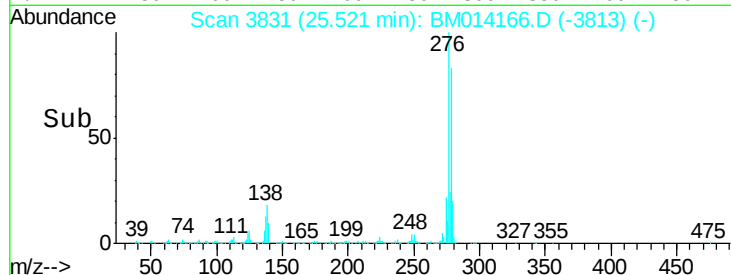
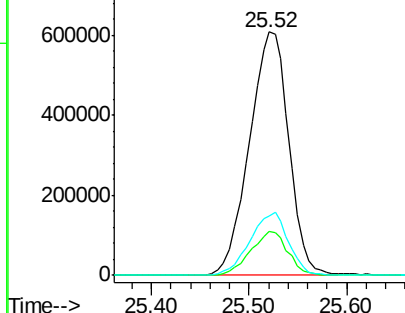
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.28 ng
RT: 25.52 min Scan# 3831
Delta R.T. 0.01 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1719747
Ion Ratio Lower Upper
276 100
138 17.2 12.0 18.0
277 25.2 20.0 30.0

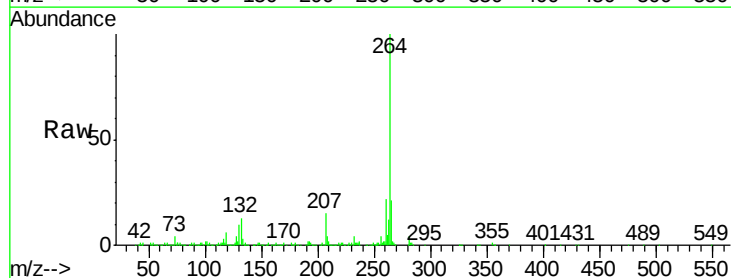


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

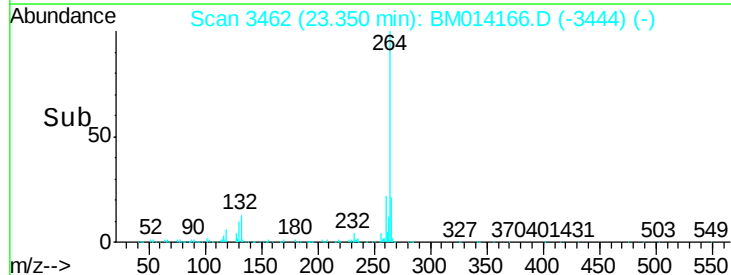
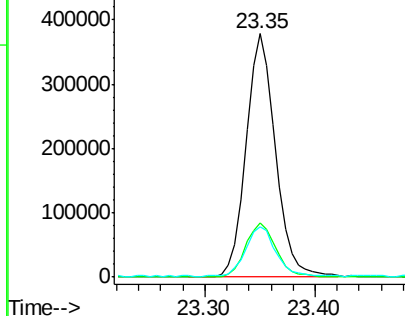


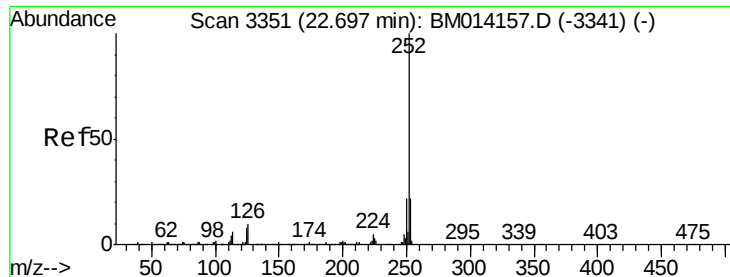
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BM014166.D
Acq: 07 Feb 2018 18:19

Tgt Ion:264 Resp: 708991
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.54 ng

RT: 22.70 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

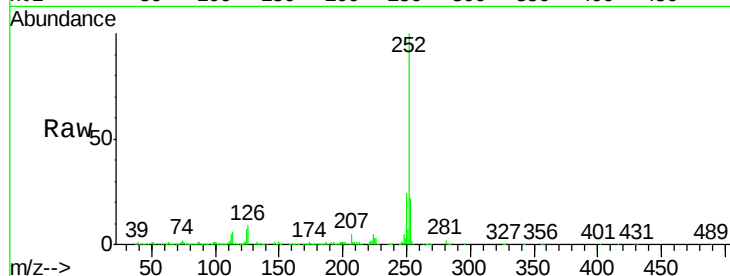
Tot Ion:252 Resp: 2043551

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

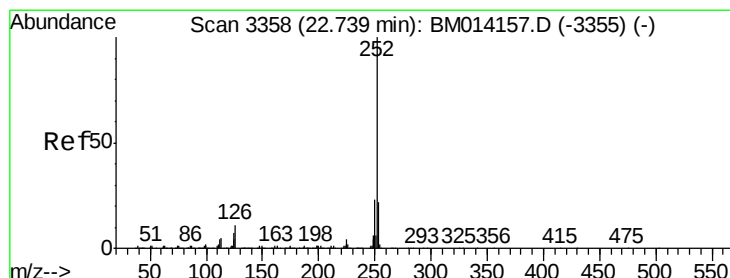
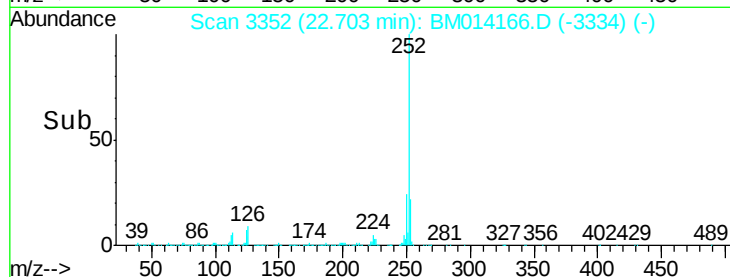
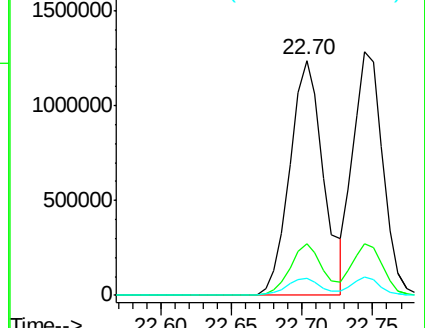
125 7.1 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.07 ng

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

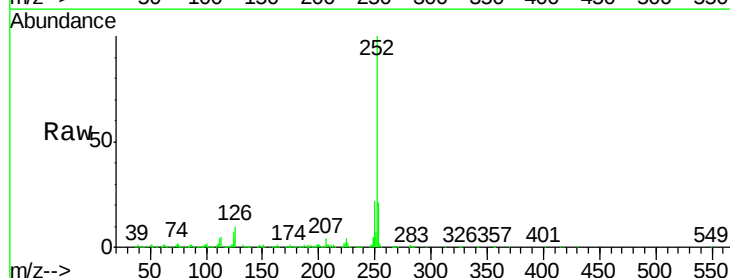
Tgt Ion:252 Resp: 1874114

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

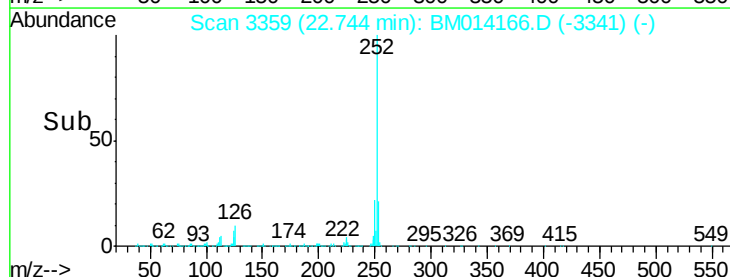
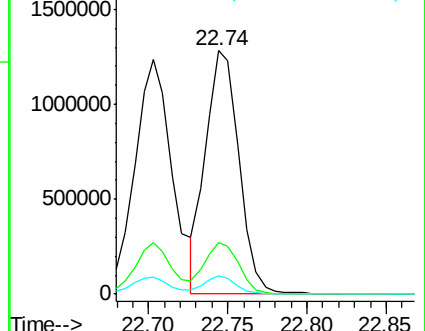
125 7.3 8.1 12.1#

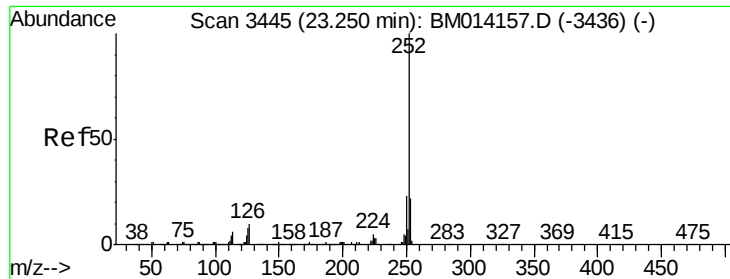


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.69 ng

RT: 23.26 min Scan# 3446

Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

Instrument :

BNA_F

ClientSampleId :

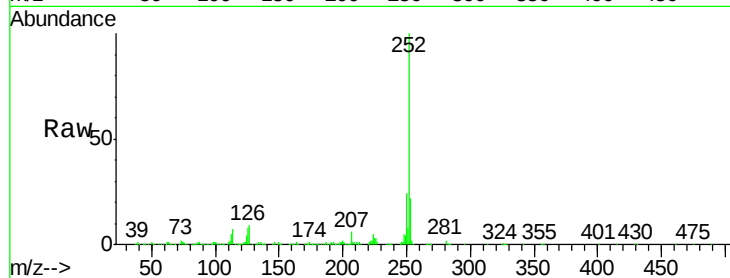
Tot Ion:252 Resp: 1764167

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

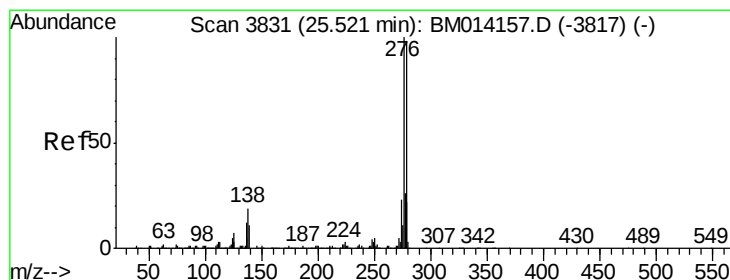
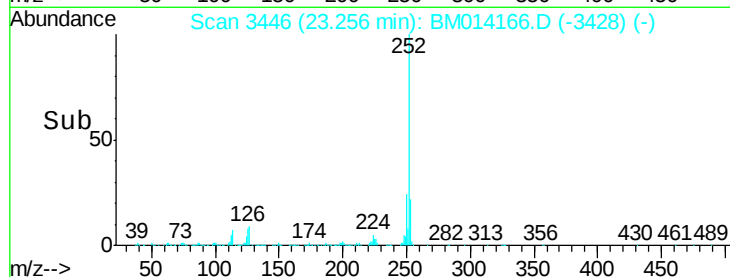
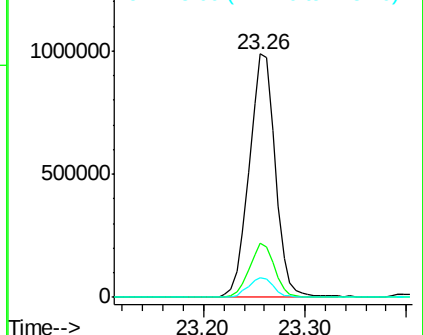
125 7.8 7.4 11.2



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: 40.92 ng

RT: 25.53 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BM014166.D

Acq: 07 Feb 2018 18:19

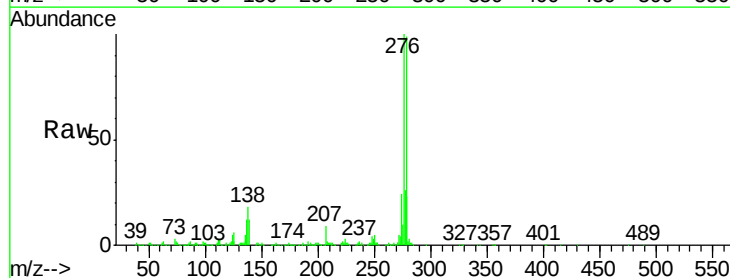
Tgt Ion:278 Resp: 1449882

Ion Ratio Lower Upper

278 100

139 12.6 13.4 20.0#

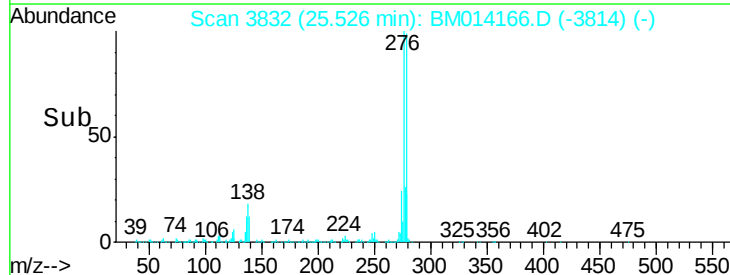
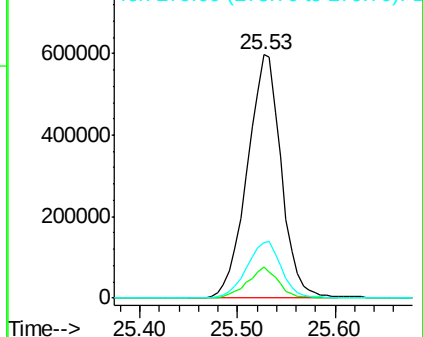
279 22.9 19.0 28.4

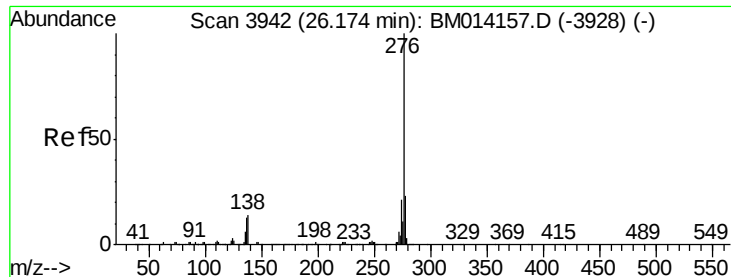


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.07 ng
 RT: 26.18 min Scan# 3943
 Delta R.T. 0.01 min
 Lab File: BM014166.D
 Acq: 07 Feb 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1360302
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.5 27.7
 138 14.0 19.0 28.6#

