

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016226.D
 Acq On : 07 Aug 2018 20:53
 Operator : SJ/JU
 Sample : J4297-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 01:38:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37213	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	155998	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	93445	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	218740	20.00	ng	0.00
75) Chrysene-d12	21.64	240	277384	20.00	ng	0.00
86) Perylene-d12	23.98	264	274790	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	237473	106.00	ng	0.00
7) Phenol-d6	7.30	99	314535	107.51	ng	0.00
23) Nitrobenzene-d5	9.33	82	227814	67.92	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	130871	110.42	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	462103	60.17	ng	0.00
78) Terphenyl-d14	20.09	244	895048	67.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	27599	26.294	ng	# 100
3) Pyridine	3.89	79	66566	26.326	ng	# 68
4) n-Nitrosodimethylamine	3.80	42	73862	37.452	ng	# 31
6) Aniline	7.47	93	59543	17.676	ng	# 88
8) 2-Chlorophenol	7.70	128	88089	33.085	ng	91
9) Benzaldehyde	7.29	77	44353	21.578	ng	84
10) Phenol	7.33	94	108381	37.048	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	68726	29.738	ng	92
12) 1,3-Dichlorobenzene	8.02	146	86313	27.695	ng	# 90
13) 1,4-Dichlorobenzene	8.17	146	89130	28.199	ng	# 94
14) 1,2-Dichlorobenzene	8.49	146	86542	27.982	ng	96
15) Benzyl Alcohol	8.39	79	83054	35.653	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	98906	27.963	ng	99
17) 2-Methylphenol	8.59	107	70638	35.327	ng	# 82
18) Hexachloroethane	9.21	117	41028	30.029	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	69366	32.439	ng	# 71
20) 3+4-Methylphenols	8.92	107	97252	33.805	ng	83
22) Acetophenone	8.98	105	131424	33.458	ng	# 81
24) Nitrobenzene	9.37	77	109765	32.513	ng	96
25) Isophorone	9.89	82	182799	39.845	ng	# 94
26) 2-Nitrophenol	10.08	139	46154	32.749	ng	# 47
27) 2,4-Dimethylphenol	10.13	122	81274	41.394	ng	# 81
28) bis(2-Chloroethoxy)methane	10.36	93	98794	33.132	ng	99
29) 2,4-Dichlorophenol	10.61	162	83584	35.825	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	82329	29.042	ng	# 95
31) Naphthalene	11.00	128	256678	32.511	ng	98
32) Benzoic acid	10.25	122	10704	7.152	ng	88
33) 4-Chloroaniline	11.13	127	54422	16.892	ng	# 87
34) Hexachlorobutadiene	11.26	225	56082	28.521	ng	96
35) Caprolactam	11.94	113	24958	38.622	ng	# 90
36) 4-Chloro-3-methylphenol	12.25	107	102517	39.949	ng	88
37) 2-Methylnaphthalene	12.60	142	193598	36.605	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	97779	30.735	ng	# 100
40) Hexachlorocyclopentadiene	12.93	237	81187	54.677	ng	99

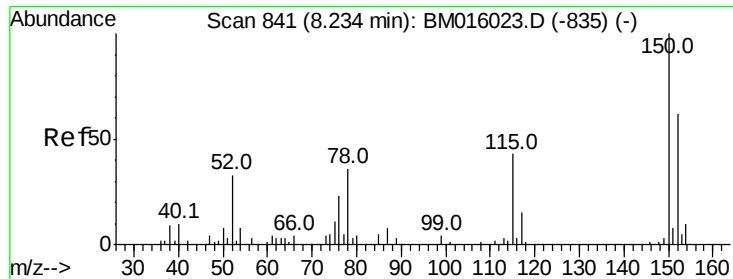
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	69217	34.775	nq	99
43) 2,4,5-Trichlorophenol	13.30	196	74737	36.402	nq	# 77
45) 1,1'-Biphenyl	13.61	154	252280	29.915	nq	100
46) 2-Chloronaphthalene	13.66	162	196542	29.965	nq	# 85
47) 2-Nitroaniline	13.88	65	76518	35.286	nq	# 78
48) Acenaphthylene	14.50	152	336079	35.001	nq	99
49) Dimethylphthalate	14.23	163	349703	42.762	nq	99
50) 2,6-Dinitrotoluene	14.37	165	58287	35.424	nq	# 47
51) Acenaphthene	14.84	154	188489	31.918	nq	98
52) 3-Nitroaniline	14.70	138	37022	20.831	nq	# 72
53) 2,4-Dinitrophenol	14.93	184	19605	31.744	nq	# 70
54) Dibenzofuran	15.17	168	317409	32.616	nq	# 79
55) 4-Nitrophenol	15.01	139	91573	71.876	nq	94
56) 2,4-Dinitrotoluene	15.16	165	85223	36.223	nq	# 73
57) Fluorene	15.82	166	256959	35.533	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	67376	38.180	nq	# 100
59) Diethylphthalate	15.58	149	317960	36.072	nq	94
60) 4-Chlorophenyl-phenylether	15.80	204	128944	32.030	nq	# 82
61) 4-Nitroaniline	15.87	138	55755	32.698	nq	# 1
62) Azobenzene	16.10	77	338425	36.456	nq	# 75
64) 4,6-Dinitro-2-methylphenol	15.93	198	33550	25.270	nq	# 79
65) n-Nitrosodiphenylamine	16.03	169	222407	30.878	nq	97
66) 4-Bromophenyl-phenylether	16.69	248	76990	31.083	nq	# 74
67) Hexachlorobenzene	16.82	284	79997	29.328	nq	# 61
68) Atrazine	16.97	200	89382	34.624	nq	99
69) Pentachlorophenol	17.16	266	95333	56.442	nq	97
70) Phenanthrene	17.55	178	404376	33.020	nq	98
71) Anthracene	17.64	178	414089	34.791	nq	97
72) Carbazole	17.92	167	395113	32.044	nq	# 96
73) Di-n-butylphthalate	18.44	149	556987	36.251	nq	# 95
74) Fluoranthene	19.54	202	495653	36.284	nq	98
76) Benzidine	19.73	184	218341	28.168	nq	98
77) Pyrene	19.90	202	502993	30.259	nq	98
79) Butylbenzylphthalate	20.76	149	288817	34.202	nq	# 75
80) Benzo(a)anthracene	21.62	228	570467	33.391	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	122635	17.821	nq	99
82) Chrysene	21.68	228	525553	32.069	nq	100
83) Bis(2-ethylhexyl)phthalate	21.52	149	423203	34.580	nq	# 92
84) Di-n-octyl phthalate	22.42	149	745024	36.221	nq	# 87
85) Indeno(1,2,3-cd)pyrene	26.37	276	614073	31.576	nq	# 95
87) Benzo(b)fluoranthene	23.27	252	565596	34.959	nq	# 95
88) Benzo(k)fluoranthene	23.31	252	560528	34.186	nq	# 97
89) Benzo(a)pyrene	23.88	252	543699	34.957	nq	99
90) Dibenzo(a,h)anthracene	26.37	278	525176	32.590	nq	# 95
91) Benzo(g,h,i)perylene	27.10	276	468830	30.761	nq	# 91

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

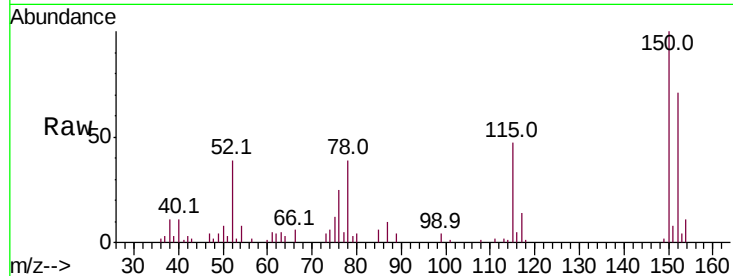


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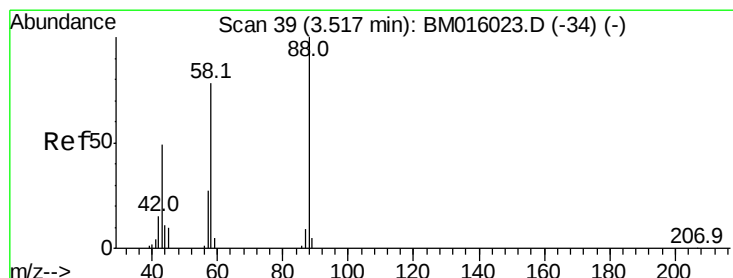
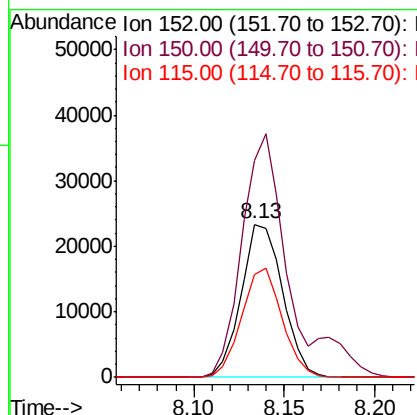
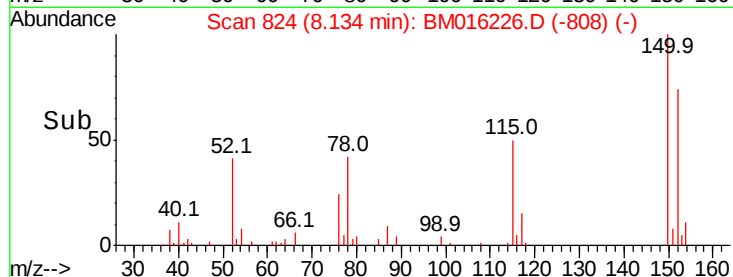
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 37213
Ion Ratio Lower Upper
152 100
150 141.8 119.5 179.3
115 67.1 43.0 64.4#



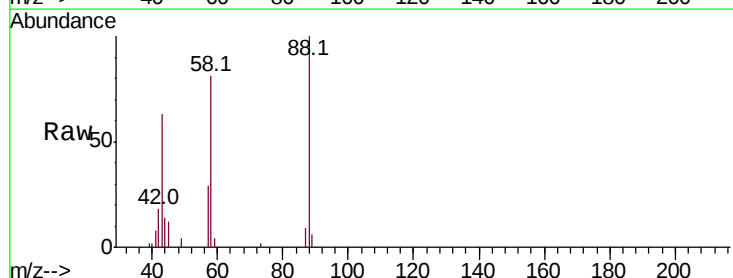
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



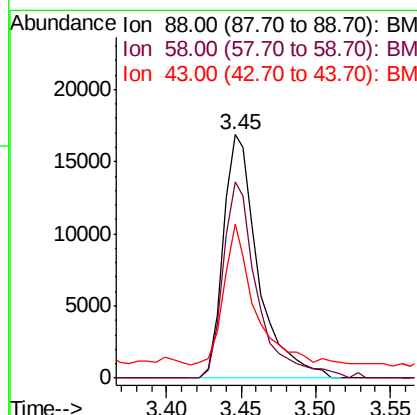
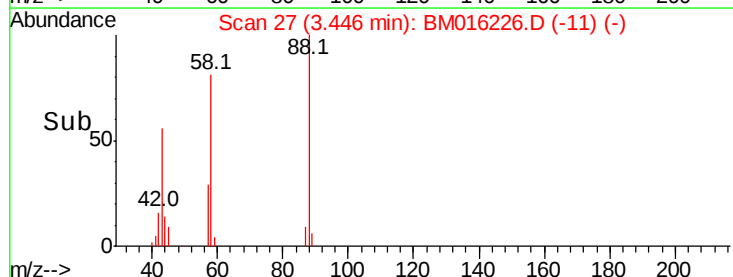
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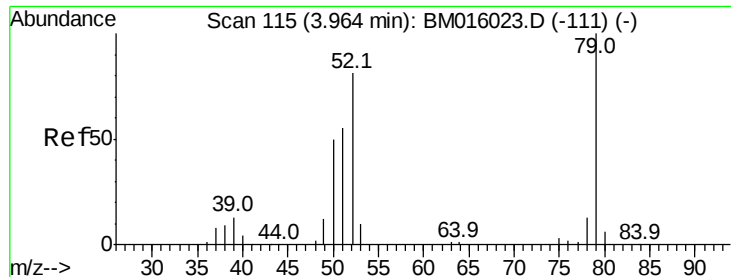
1,4-Dioxane
Concen: 26.294 ng
RT: 3.45 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion: 88 Resp: 27599
Ion Ratio Lower Upper
88 100
58 79.7 0.0 0.0#
43 51.4 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.326 ng

RT: 3.89 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

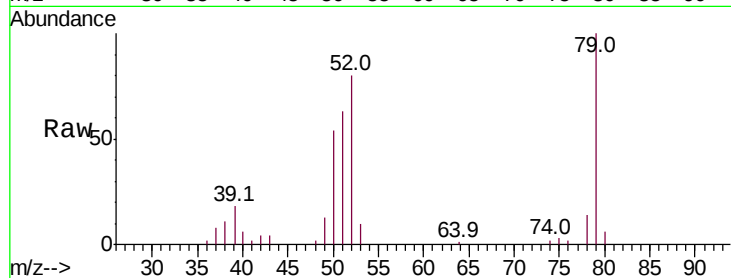
Tot Ion: 79 Resp: 66566

Ion Ratio Lower Upper

79 100

52 80.3 51.1 76.7#

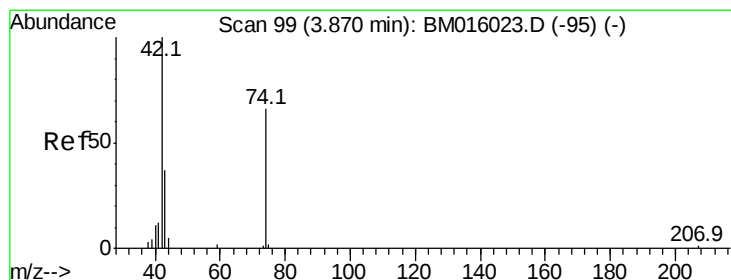
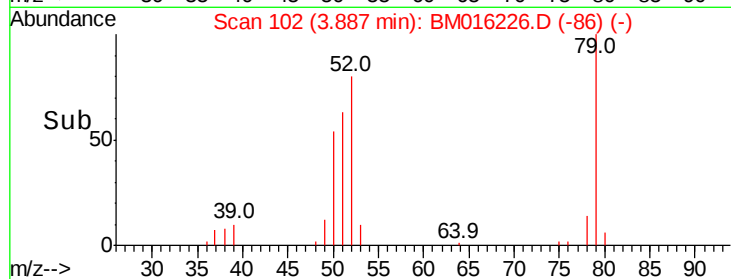
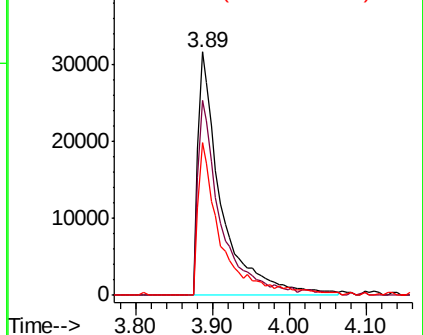
51 63.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016023.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016023.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 37.452 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

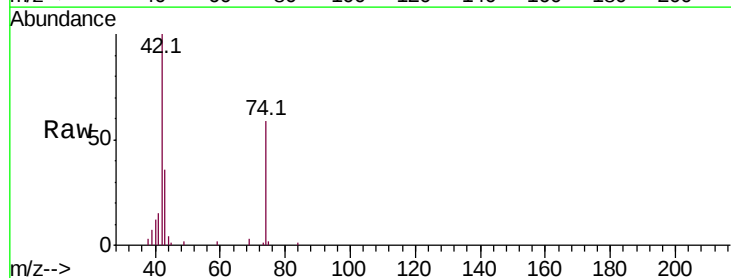
Tgt Ion: 42 Resp: 73862

Ion Ratio Lower Upper

42 100

74 58.9 119.3 178.9#

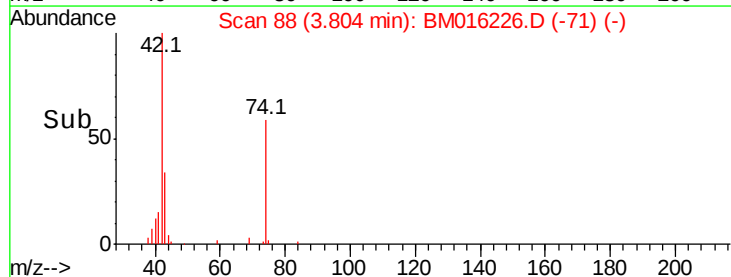
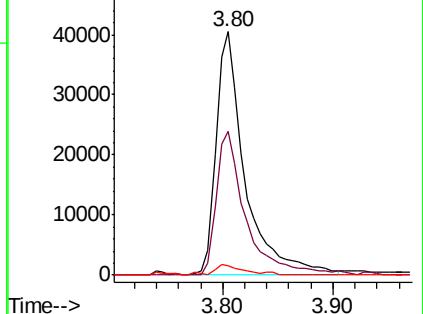
44 3.9 5.4 8.2#

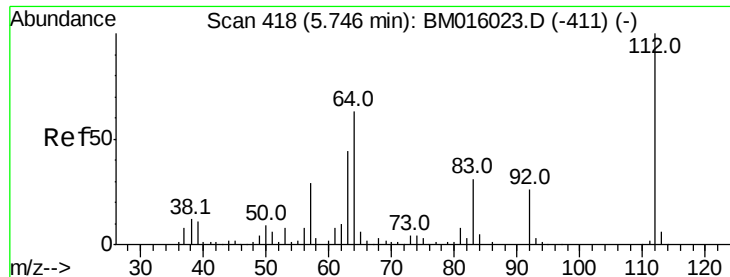


Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016023.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016023.D (-95) (-)





#5

2-Fluorophenol

Concen: 37.452 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

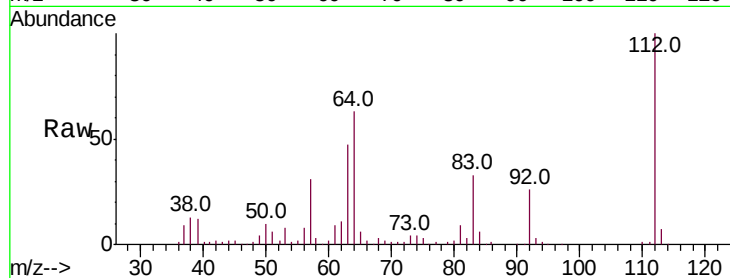
Tot Ion:112 Resp: 237473

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

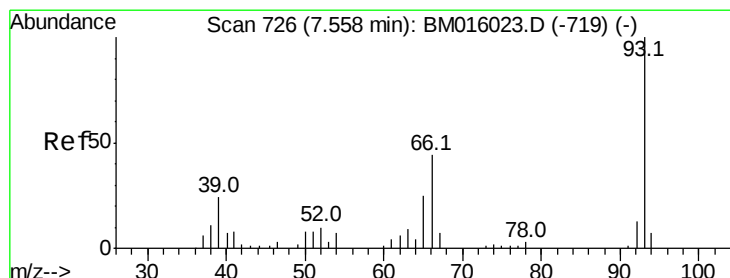
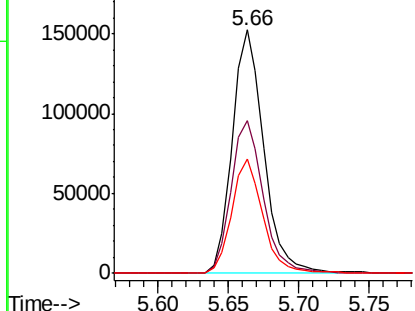
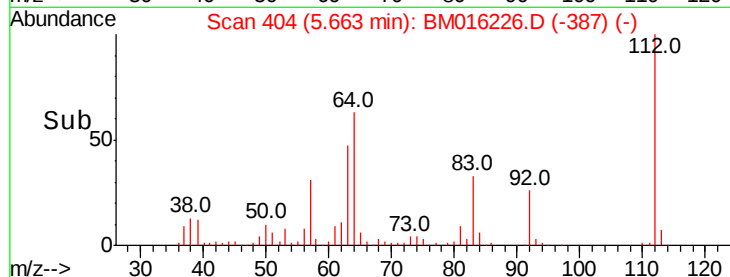
63 46.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 17.676 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

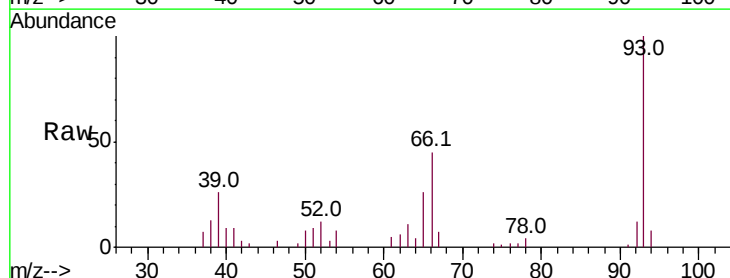
Tgt Ion: 93 Resp: 59543

Ion Ratio Lower Upper

93 100

66 45.1 30.8 46.2

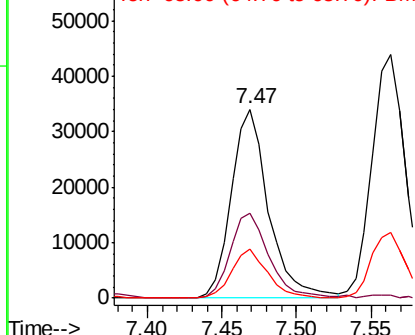
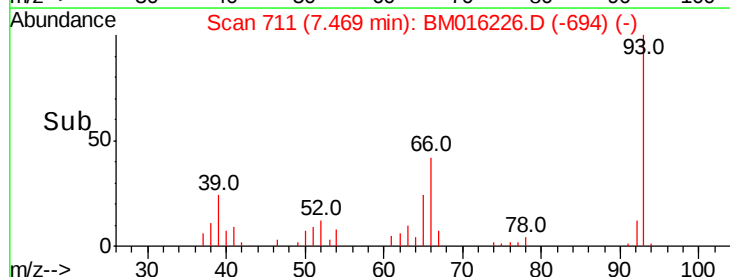
65 25.9 16.0 24.0#

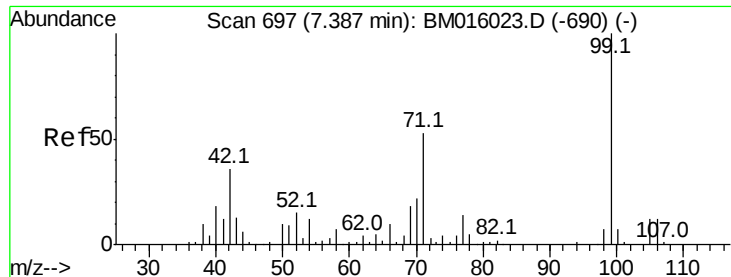


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 17.676 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

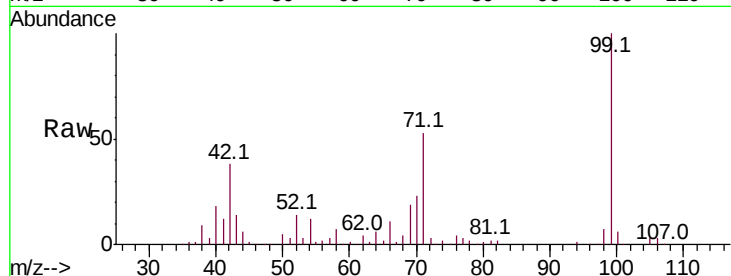
Tot Ion: 99 Resp: 314535

Ion Ratio Lower Upper

99 100

42 37.7 11.0 16.4#

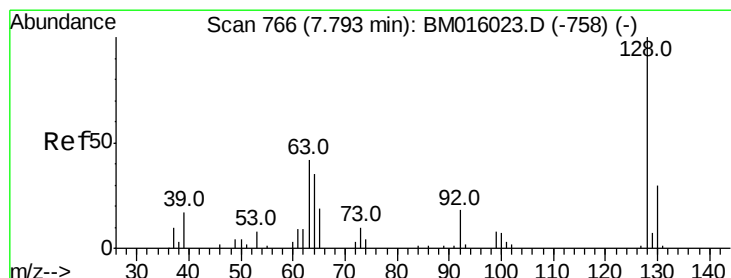
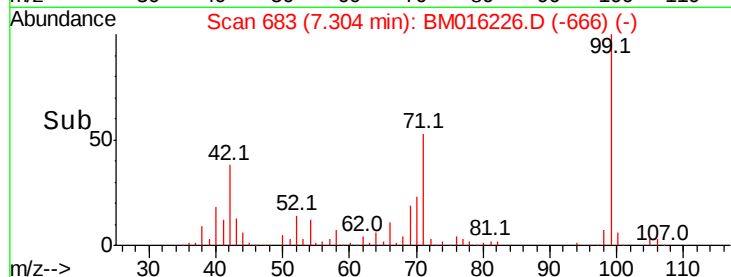
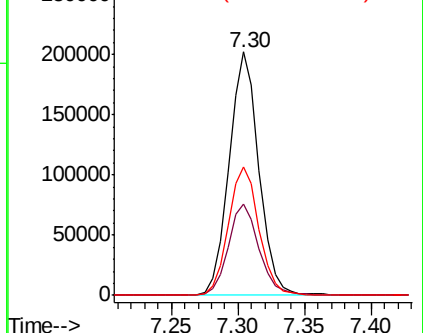
71 52.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 33.085 ng

RT: 7.70 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

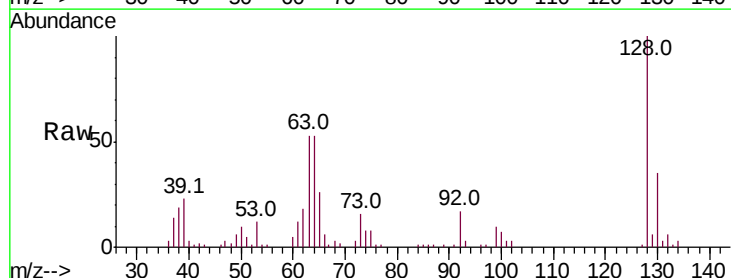
Tgt Ion: 128 Resp: 88089

Ion Ratio Lower Upper

128 100

130 34.9 12.0 52.0

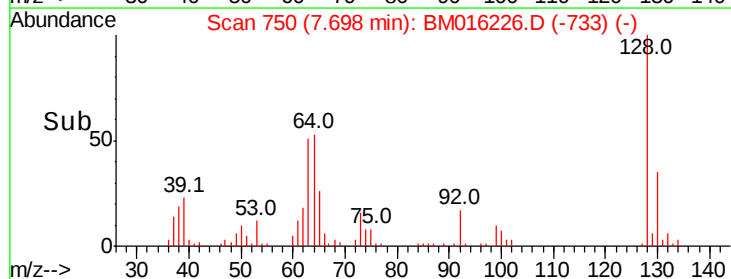
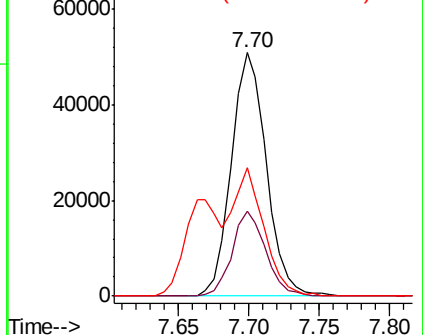
64 52.5 24.9 64.9

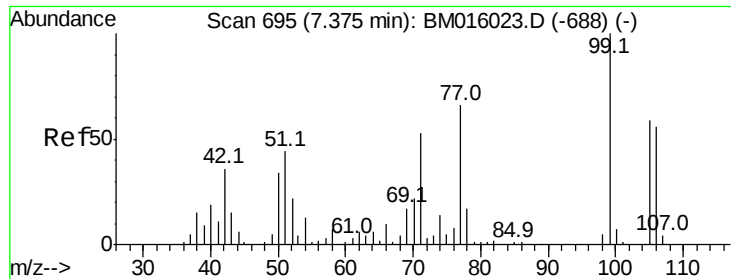


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)

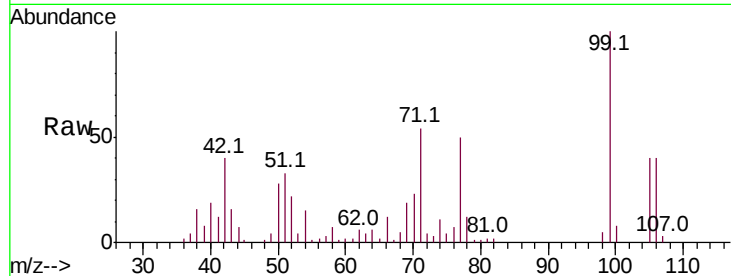




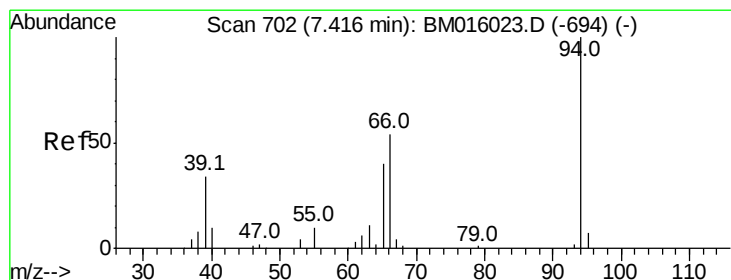
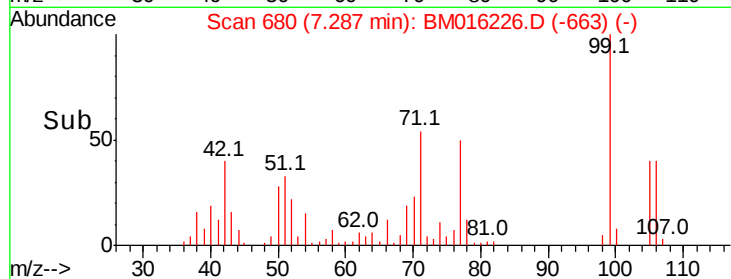
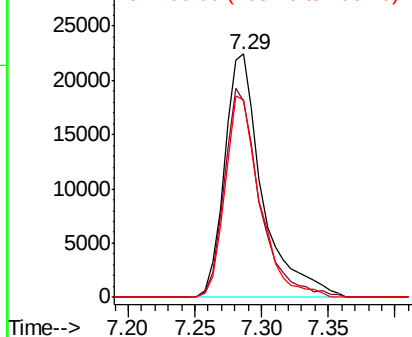
#9
Benzaldehyde
Concen: 21.578 ng
RT: 7.29 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 44353
Ion Ratio Lower Upper
77 100
105 80.8 78.8 118.8
106 81.3 73.7 113.7

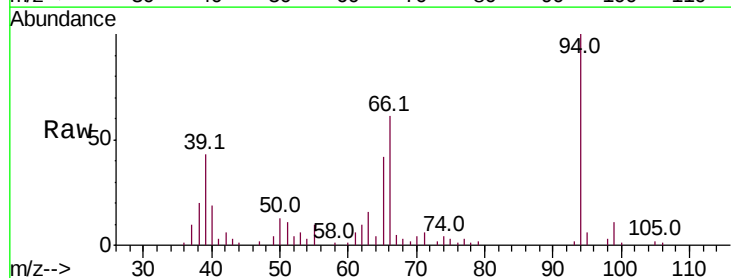


Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-688) (-)
Ion 105.00 (104.70 to 105.70): BM016023.D (-688) (-)
Ion 106.00 (105.70 to 106.70): BM016023.D (-688) (-)

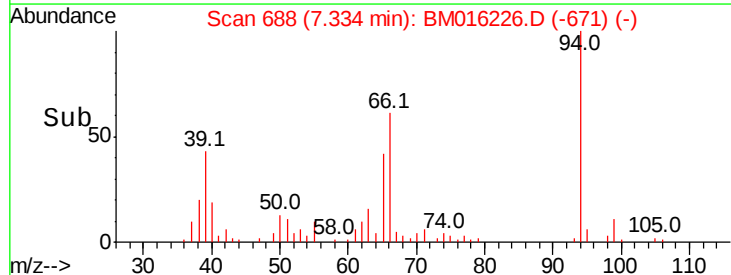
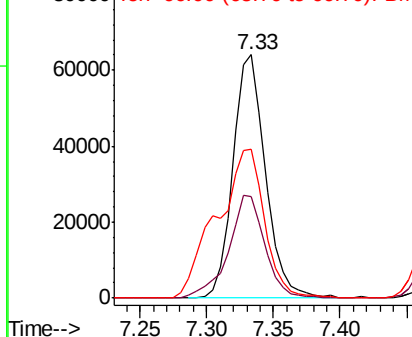


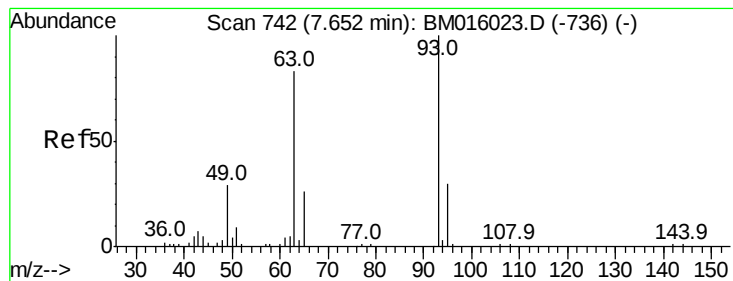
#10
Phenol
Concen: 37.048 ng
RT: 7.33 min Scan# 688
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion: 94 Resp: 108381
Ion Ratio Lower Upper
94 100
65 41.6 18.8 58.8
66 60.9 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)
Ion 65.00 (64.70 to 65.70): BM016023.D (-694) (-)
Ion 66.00 (65.70 to 66.70): BM016023.D (-694) (-)





#11

bis(2-Chloroethyl)ether

Concen: 29.738 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

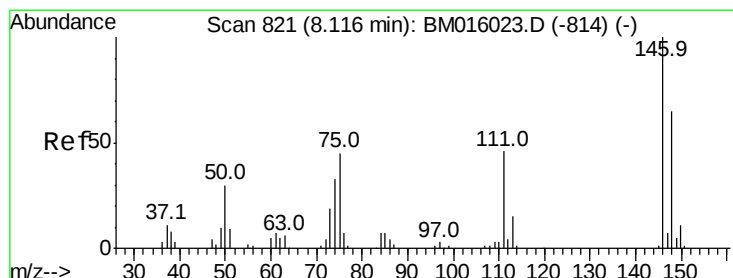
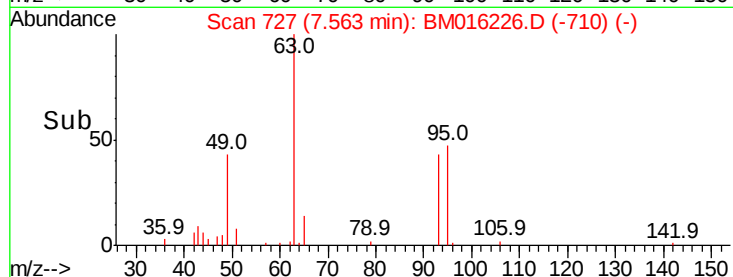
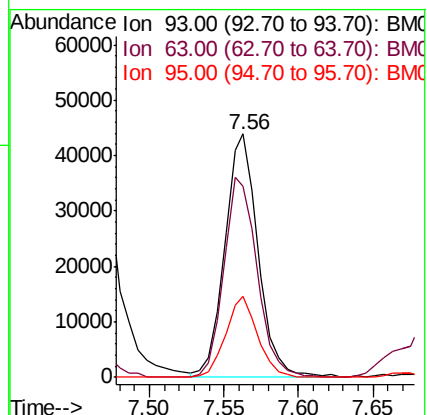
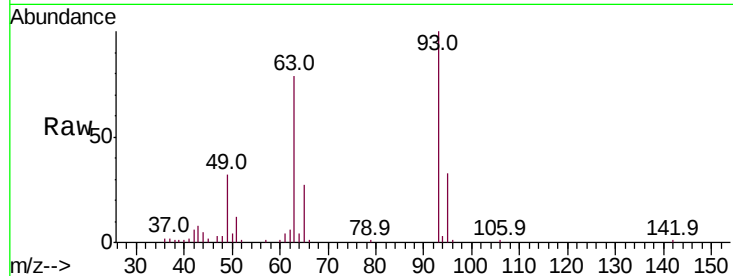
Tot Ion: 93 Resp: 68726

Ion Ratio Lower Upper

93 100

63 78.7 49.5 89.5

95 33.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 27.695 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

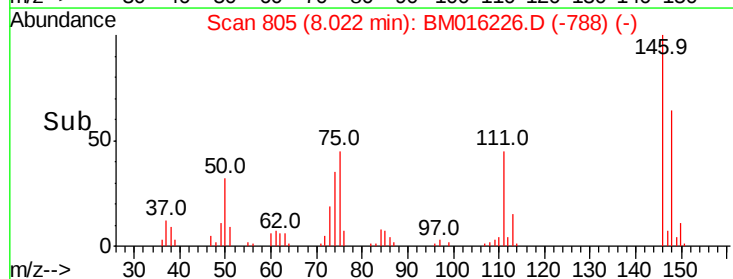
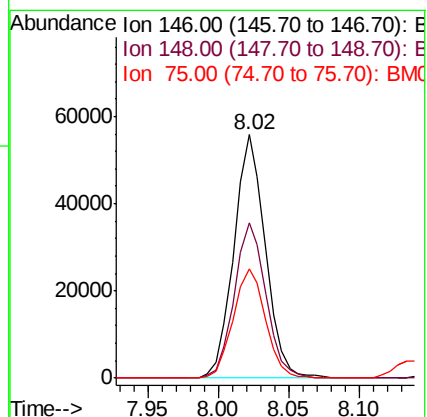
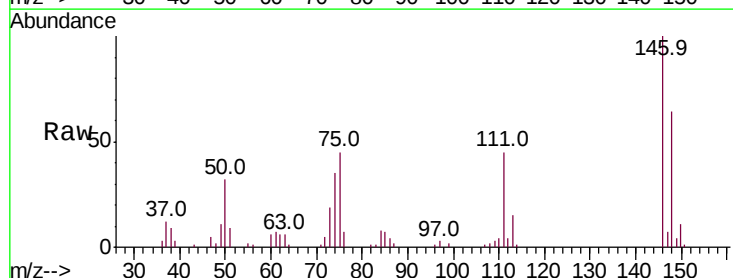
Tgt Ion: 146 Resp: 86313

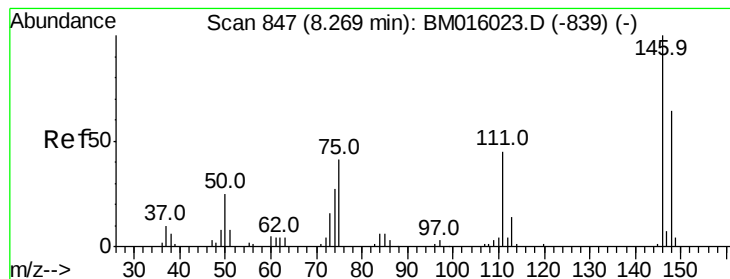
Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

75 44.6 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 28.199 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

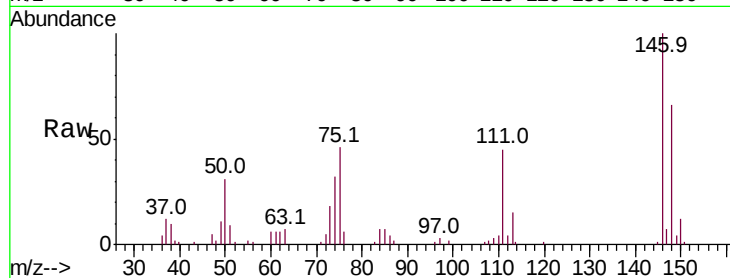
Tot Ion:146 Resp: 89130

Ion Ratio Lower Upper

146 100

148 66.3 51.9 77.9

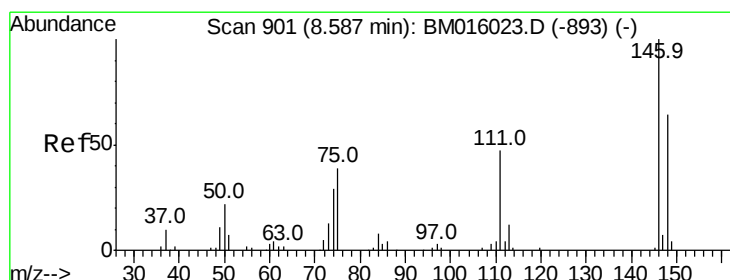
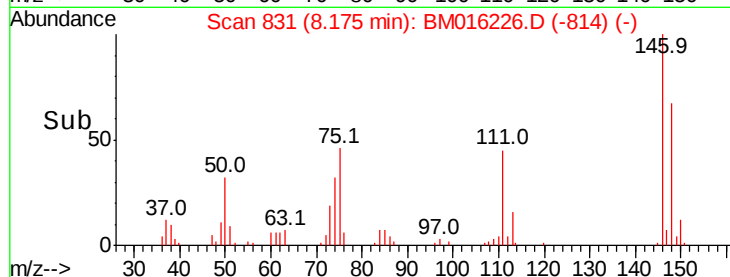
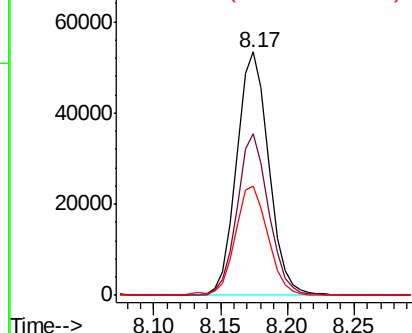
111 44.9 29.2 43.8#



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: 27.982 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

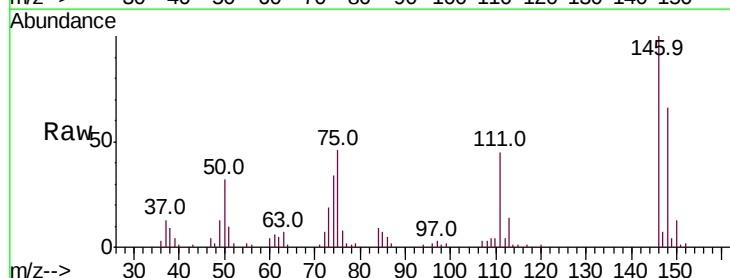
Tgt Ion:146 Resp: 86542

Ion Ratio Lower Upper

146 100

148 65.5 52.3 78.5

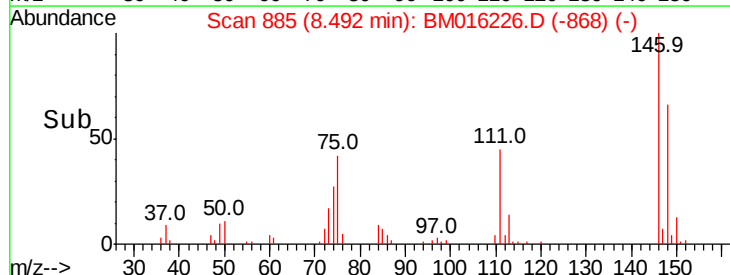
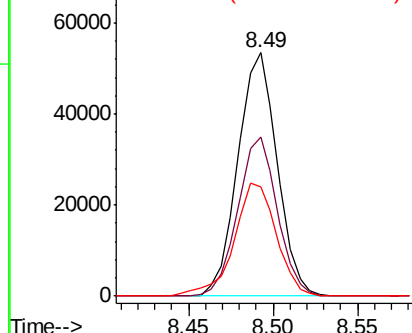
111 45.0 30.6 45.8

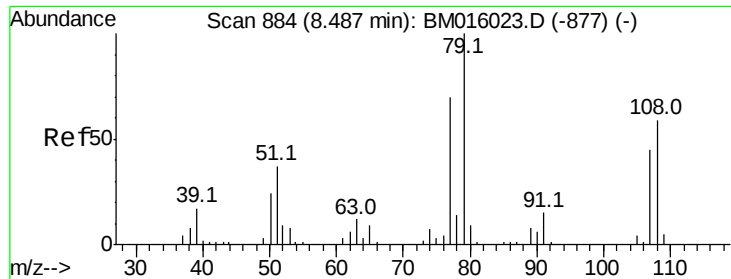


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.653 ng

RT: 8.39 min Scan# 868

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

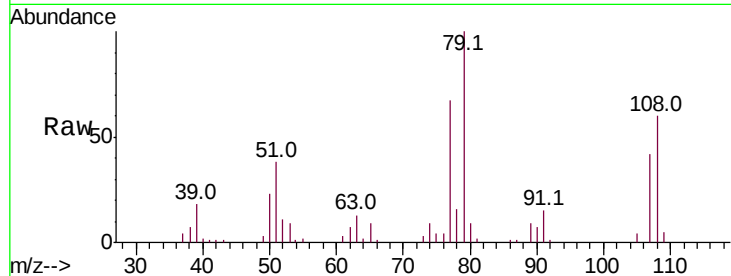
Tot Ion: 79 Resp: 83054

Ion Ratio Lower Upper

79 100

108 59.7 65.0 97.4#

77 67.2 53.0 79.6

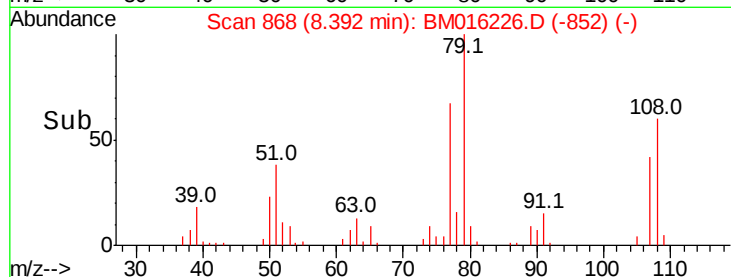


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

Time-->

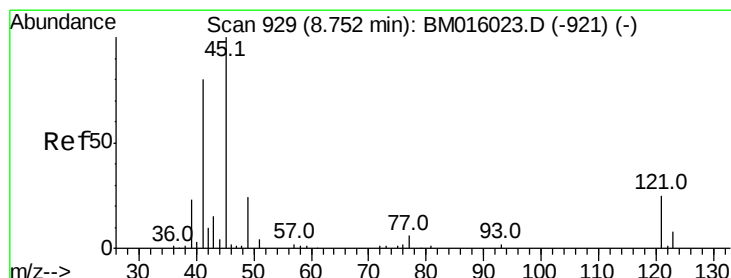


Abundance Ion 79.00 (78.70 to 79.70): BM016226.D (-852) (-)

Ion 108.00 (107.70 to 108.70): BM016226.D (-852) (-)

Ion 77.00 (76.70 to 77.70): BM016226.D (-852) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.963 ng

RT: 8.67 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

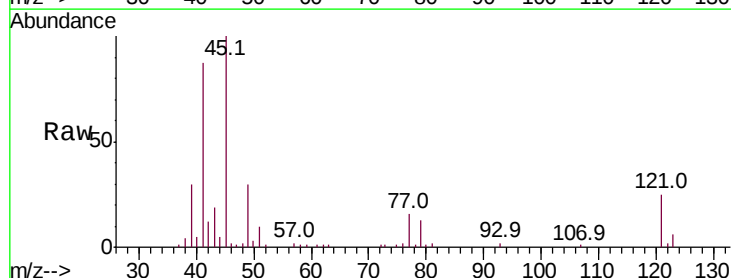
Tgt Ion: 45 Resp: 98906

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.2

79 12.7 0.0 32.0

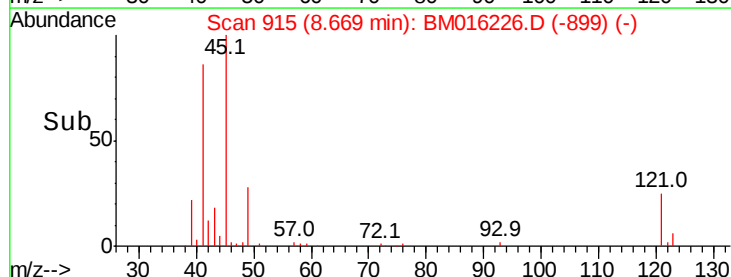


Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)

Time-->

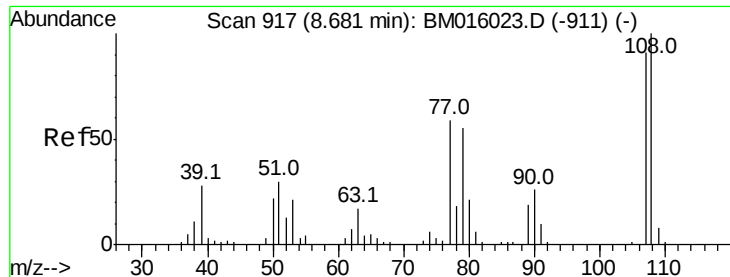


Abundance Ion 45.00 (44.70 to 45.70): BM016226.D (-899) (-)

Ion 77.00 (76.70 to 77.70): BM016226.D (-899) (-)

Ion 79.00 (78.70 to 79.70): BM016226.D (-899) (-)

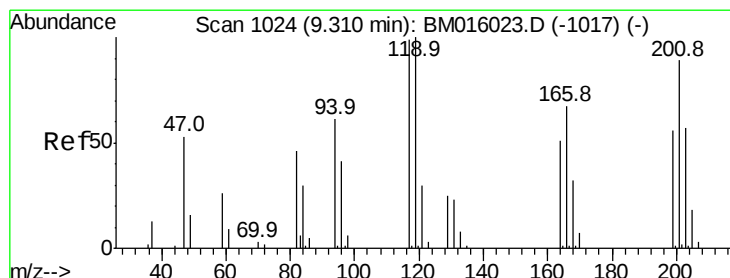
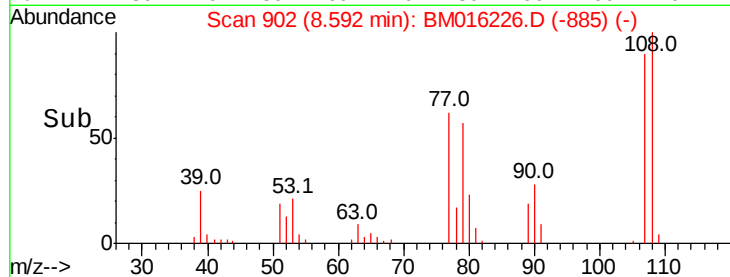
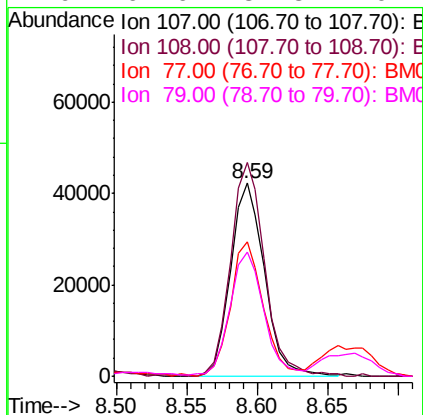
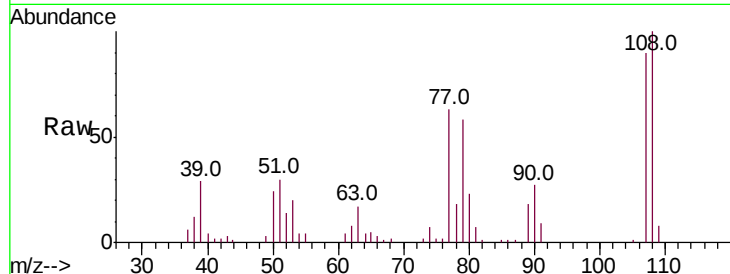
Time-->



#17
2-Methylphenol
Concen: 35.327 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

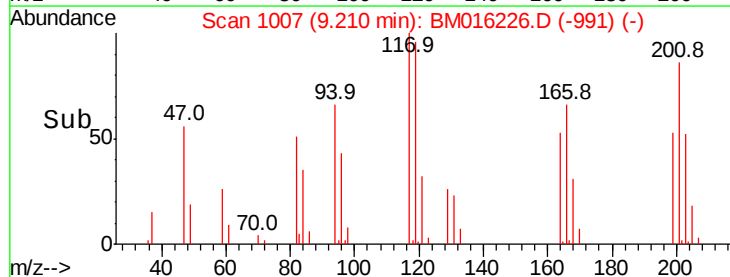
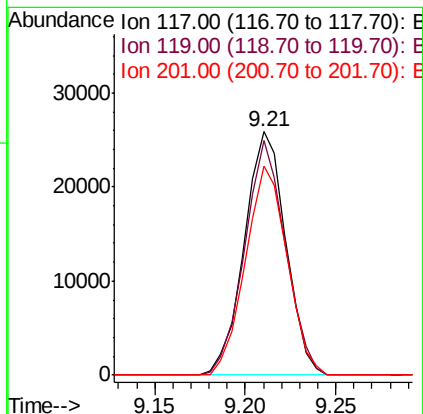
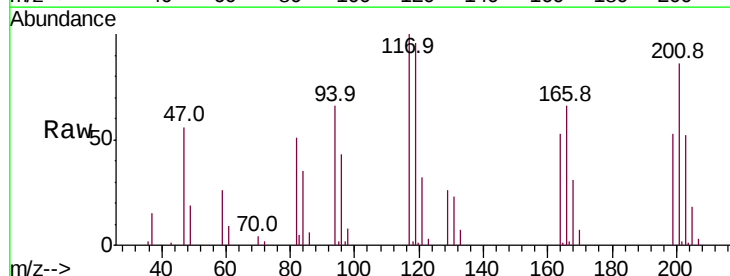
Instrument :
BNA_M
ClientSampleId :

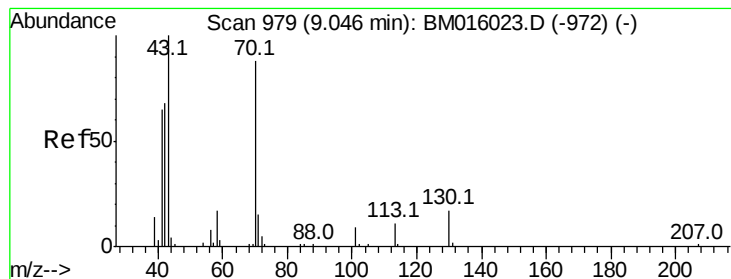
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.8	134.8
77	69.4	32.6	48.8
79	64.6	32.8	49.2



#18
Hexachloroethane
Concen: 30.029 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.2	118.8
201	86.0	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 32.439 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 69366

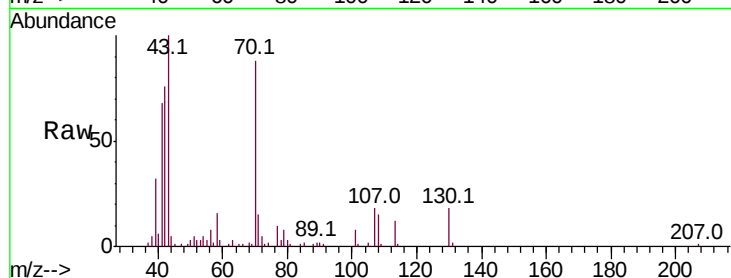
Ion Ratio Lower Upper

70 100

42 86.4 44.5 66.7#

101 9.2 7.4 11.2

130 20.8 15.3 22.9

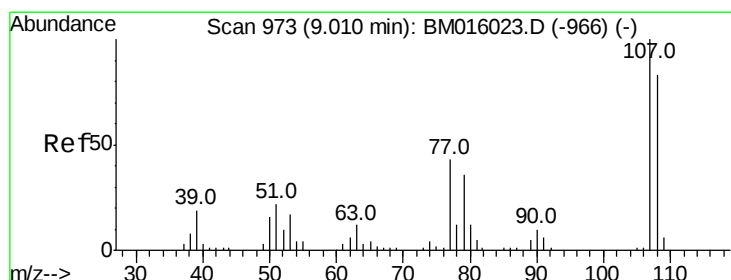
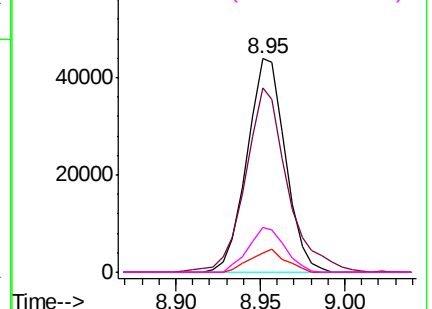
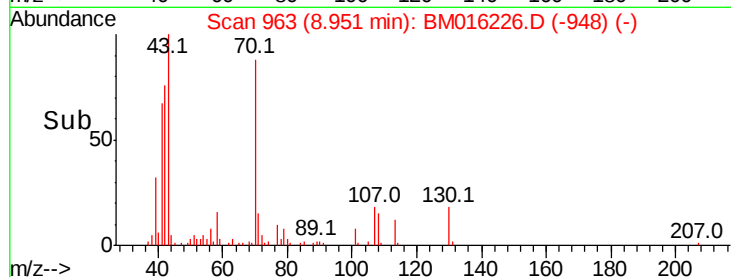


Abundance Ion 70.00 (69.70 to 70.70): BM016023.D (-972) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-972) (-)

Ion 101.00 (100.70 to 101.70): BM016023.D (-972) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-972) (-)



#20

3+4-Methylphenols

Concen: 33.805 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Tgt Ion: 107 Resp: 97252

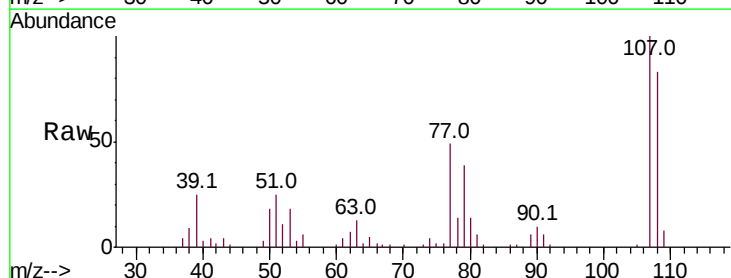
Ion Ratio Lower Upper

107 100

108 82.6 73.2 113.2

77 48.9 10.7 50.7

79 38.8 9.6 49.6

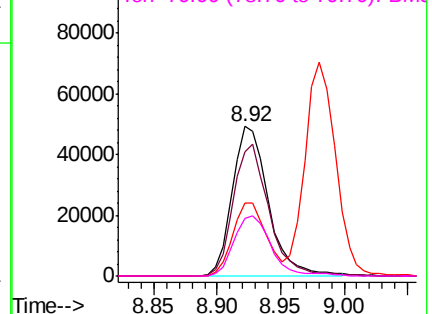
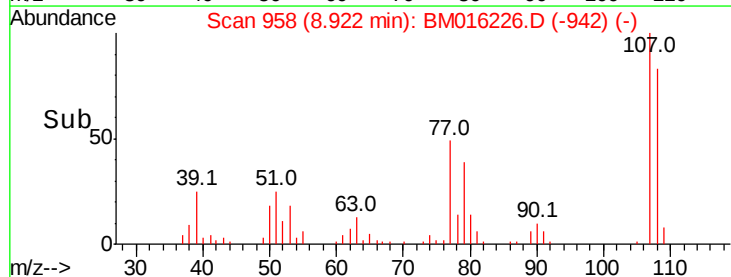


Abundance Ion 107.00 (106.70 to 107.70): BM016023.D (-966) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-966) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-966) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-966) (-)

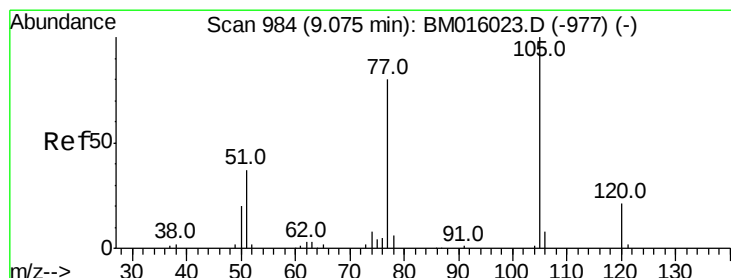
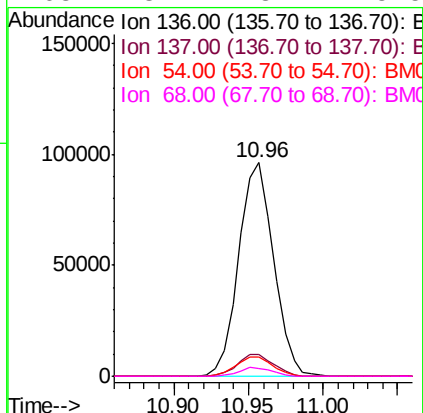
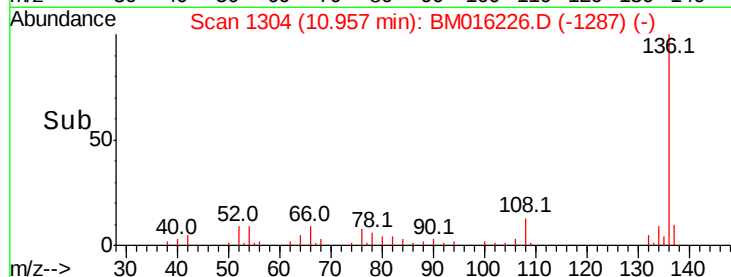
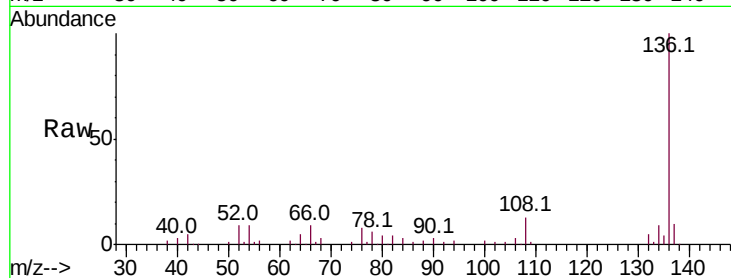




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

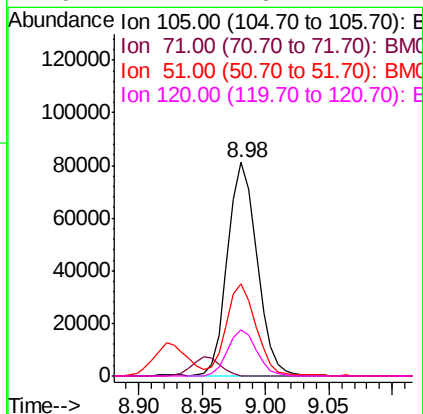
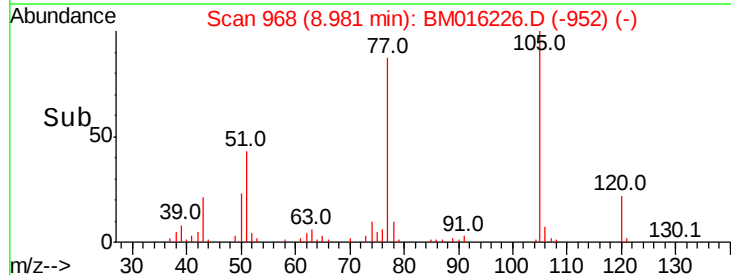
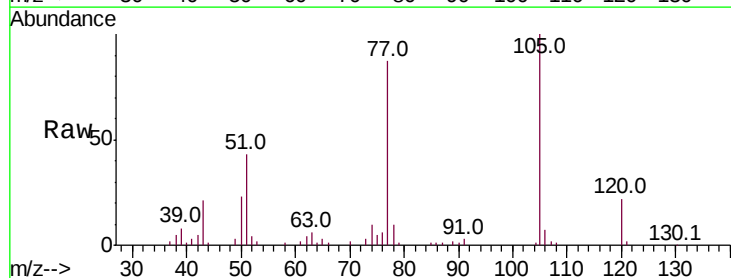
Instrument :
BNA_M
ClientSampled :

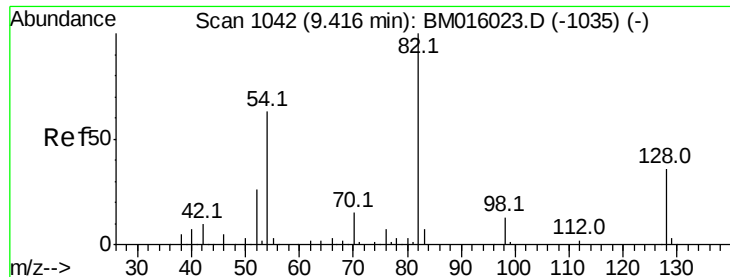
Tot Ion:	136	Resp:	155998
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	9.2	4.6	6.8#
68	3.4	3.7	5.5#



#22
Acetophenone
Concen: 33.458 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:	105	Resp:	131424
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	43.3	21.6	32.4#
120	21.7	16.1	24.1

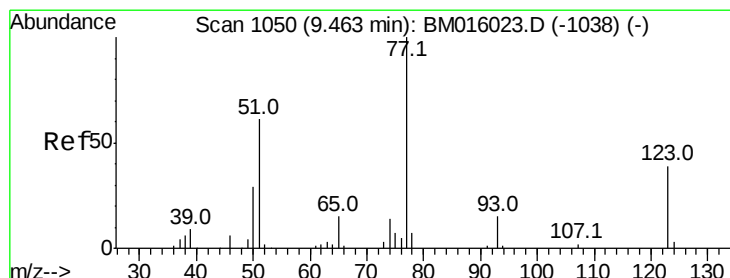
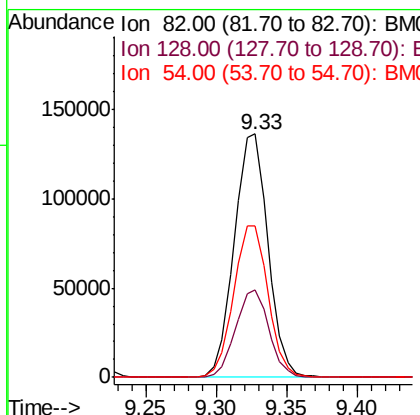
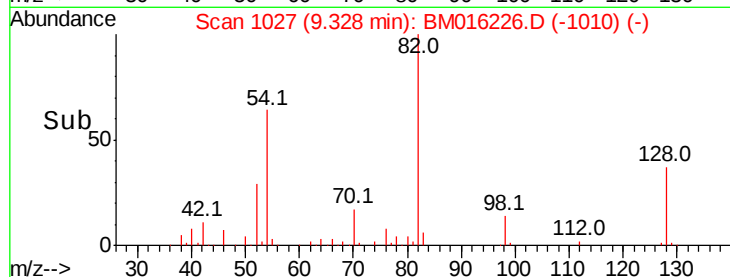
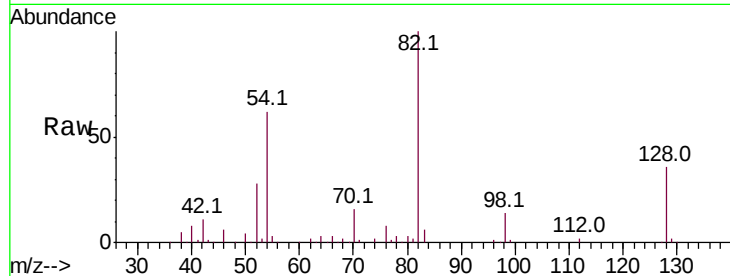




#23
Nitrobenzene-d5
Concen: 33.458 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

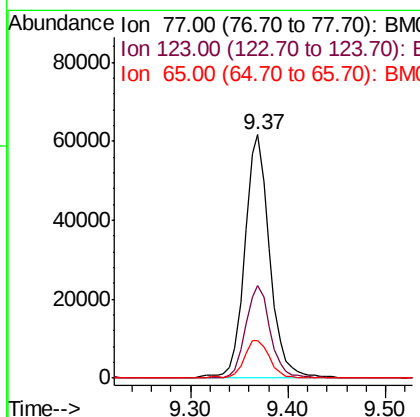
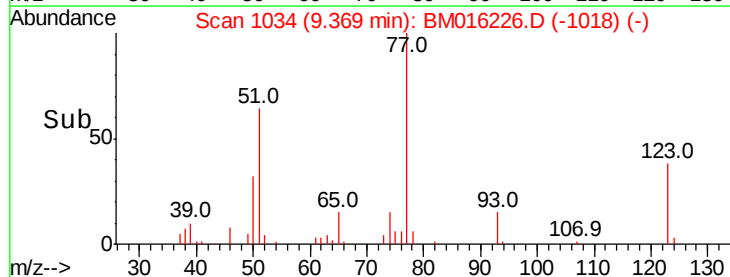
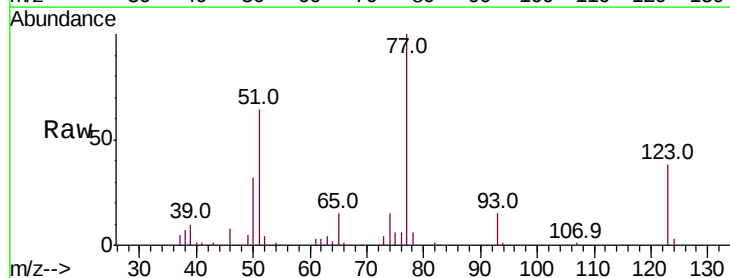
Instrument :
BNA_M
ClientSampleId :

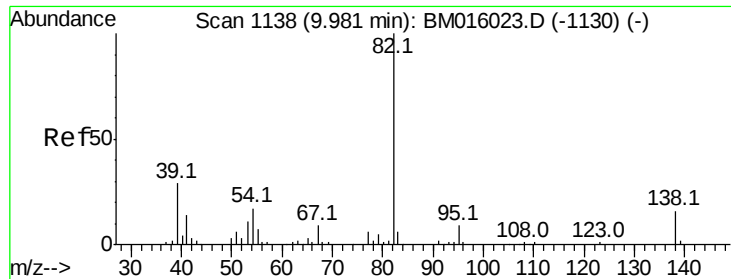
Tot Ion: 82 Resp: 227814
Ion Ratio Lower Upper
82 100
128 36.1 32.8 49.2
54 62.1 40.6 60.8#



#24
Nitrobenzene
Concen: 32.513 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion: 77 Resp: 109765
Ion Ratio Lower Upper
77 100
123 38.0 32.6 49.0
65 15.4 10.9 16.3





#25

Isophorone

Concen: 39.845 ng

RT: 9.89 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

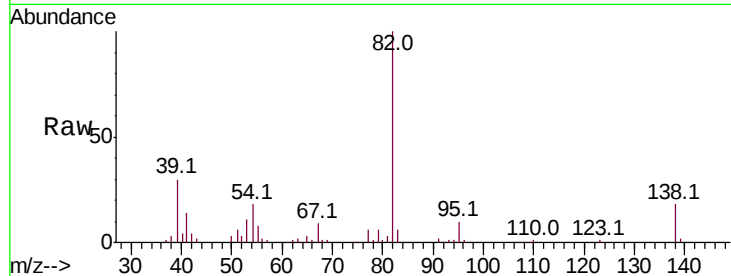
Tot Ion: 82 Resp: 182799

Ion Ratio Lower Upper

82 100

95 9.9 5.8 8.6#

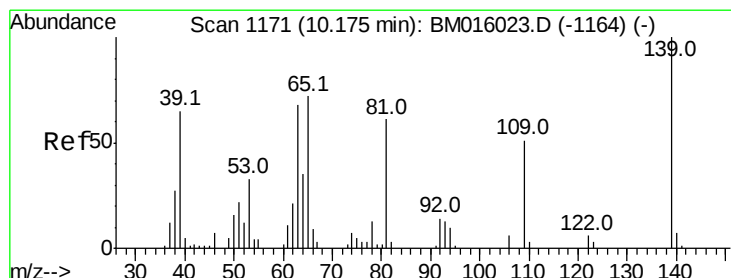
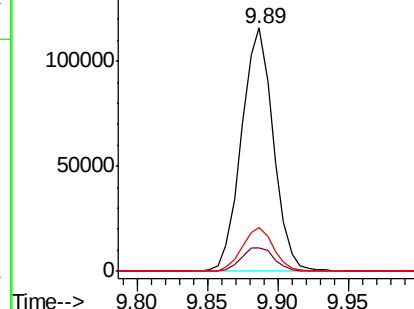
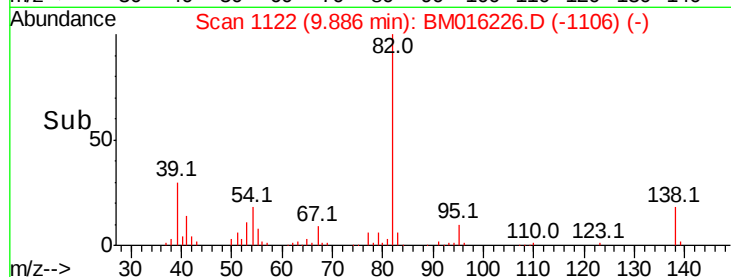
138 17.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016226.D (-1138) (-)

Ion 95.00 (94.70 to 95.70): BM016226.D (-1138) (-)

Ion 138.00 (137.70 to 138.70): BM016226.D (-1138) (-)



#26

2-Nitrophenol

Concen: 32.749 ng

RT: 10.08 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

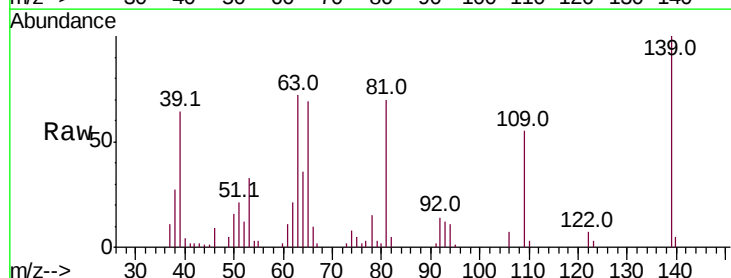
Tgt Ion: 139 Resp: 46154

Ion Ratio Lower Upper

139 100

109 55.4 20.1 30.1#

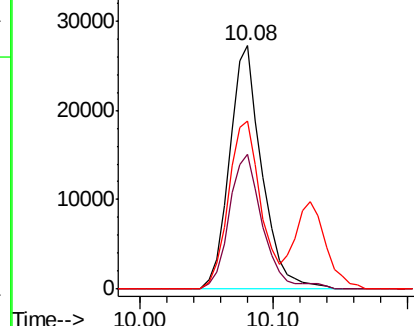
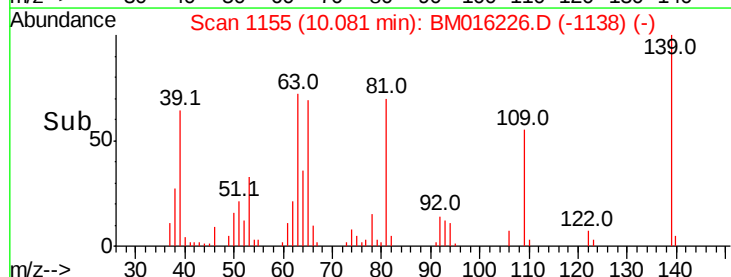
65 69.0 31.5 47.3#

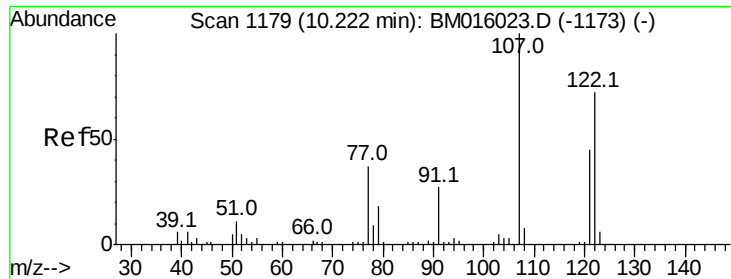


Abundance Ion 139.00 (138.70 to 139.70): BM016226.D (-1138) (-)

Ion 109.00 (108.70 to 109.70): BM016226.D (-1138) (-)

Ion 65.00 (64.70 to 65.70): BM016226.D (-1138) (-)

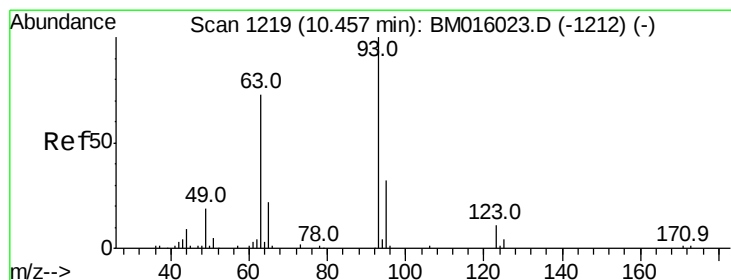
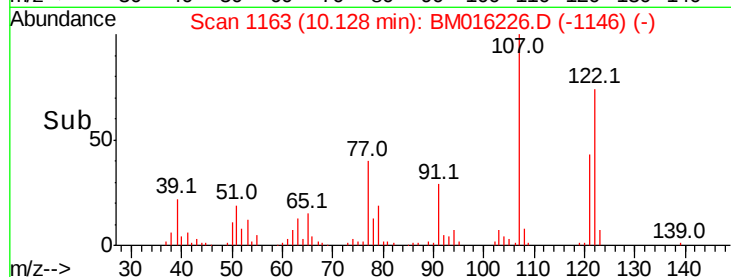
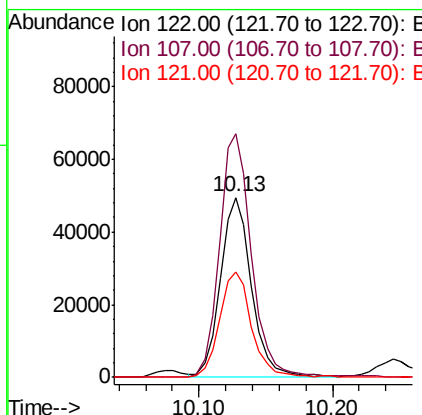
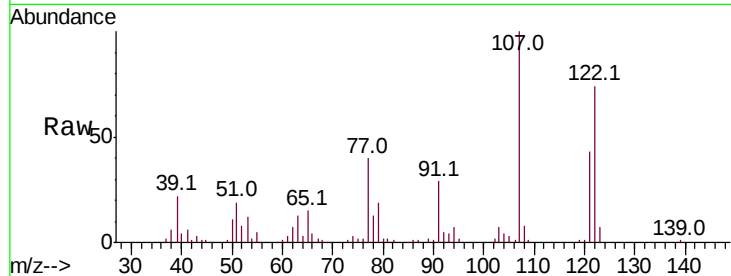




#27
 2,4-Dimethylphenol
 Concen: 41.394 ng
 RT: 10.13 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

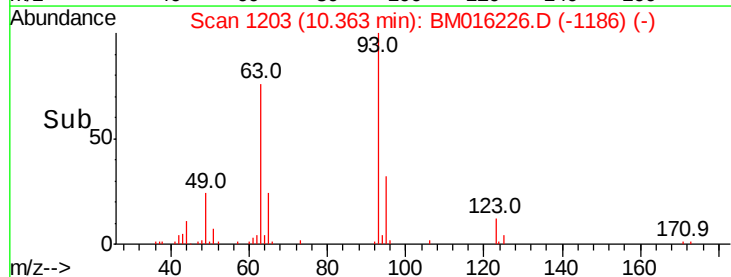
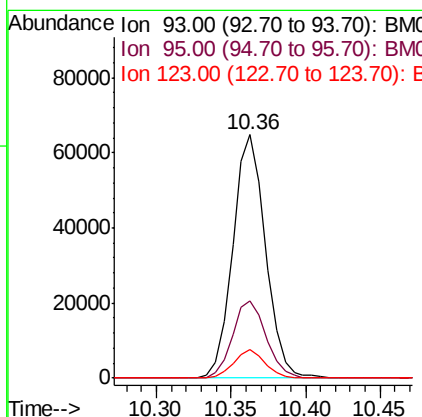
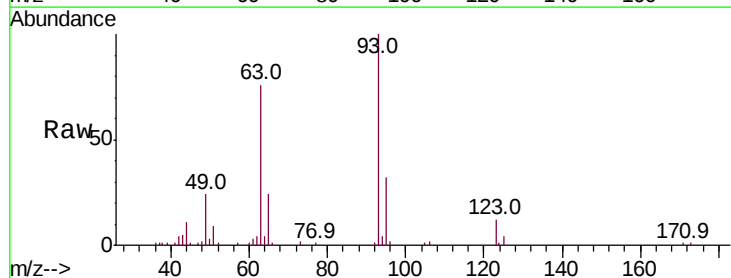
Instrument :
 BNA_M
 ClientSampled :

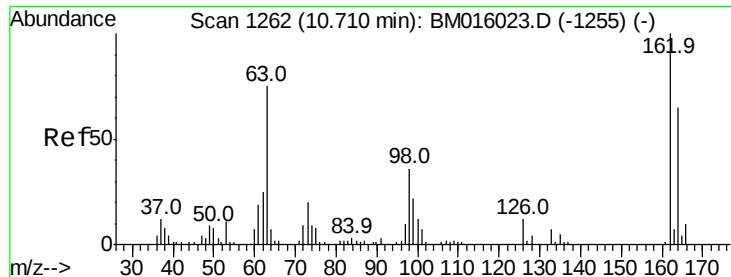
Tot Ion:122 Resp: 81274
 Ion Ratio Lower Upper
 122 100
 107 135.5 84.7 127.1#
 121 58.6 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.132 ng
 RT: 10.36 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion: 93 Resp: 98794
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.5 38.3
 123 11.8 8.6 13.0

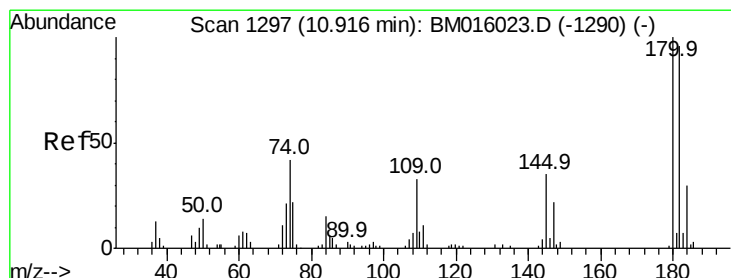
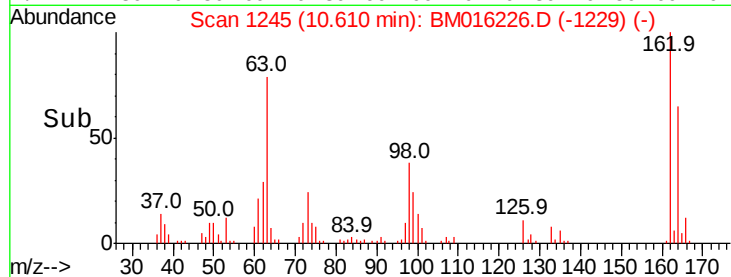
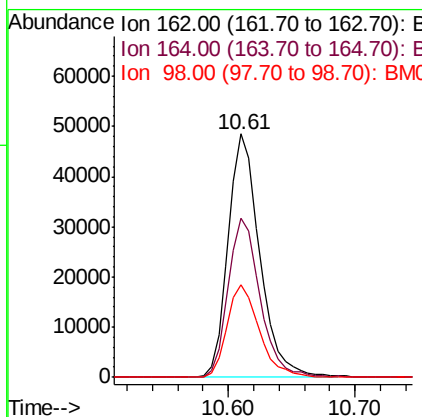
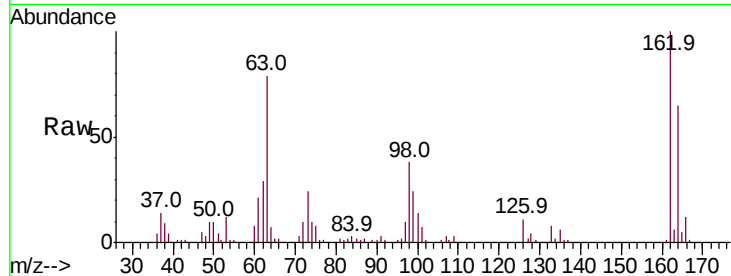




#29
 2,4-Dichlorophenol
 Concen: 35.825 ng
 RT: 10.61 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

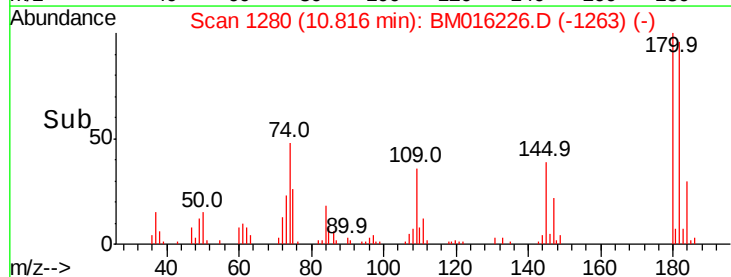
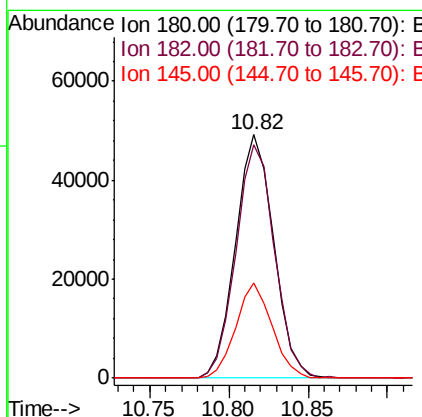
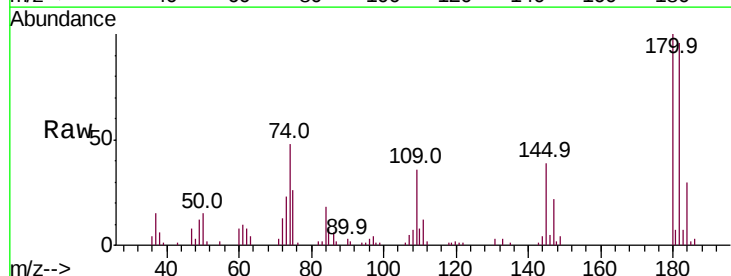
Instrument :
 BNA_M
 ClientSampleId :

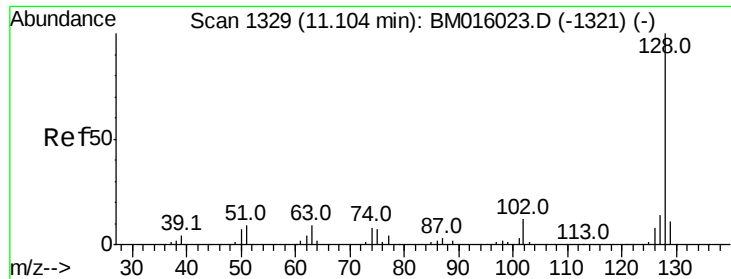
Tot Ion:162 Resp: 83584
 Ion Ratio Lower Upper
 162 100
 164 65.5 42.8 82.8
 98 37.9 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 29.042 ng
 RT: 10.82 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion:180 Resp: 82329
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.6 116.4
 145 38.9 23.4 35.2#

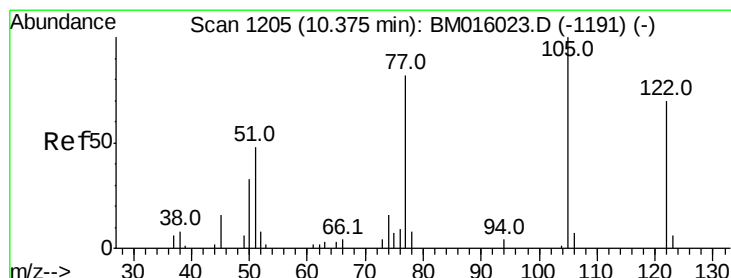
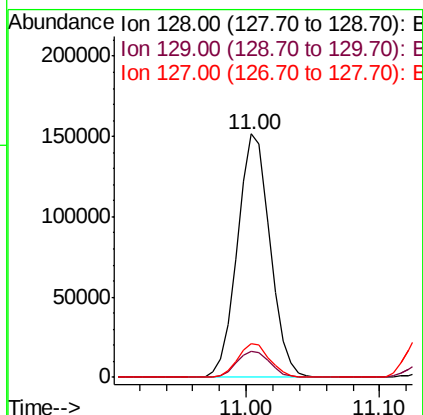
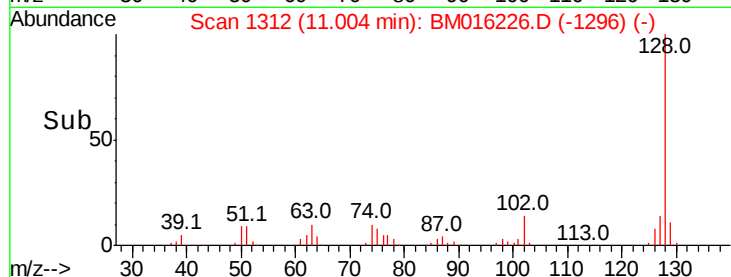
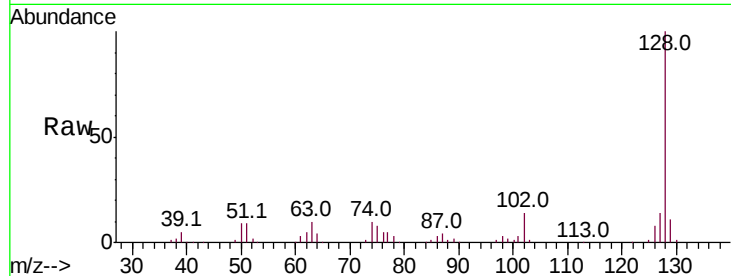




#31
Naphthalene
Concen: 32.511 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

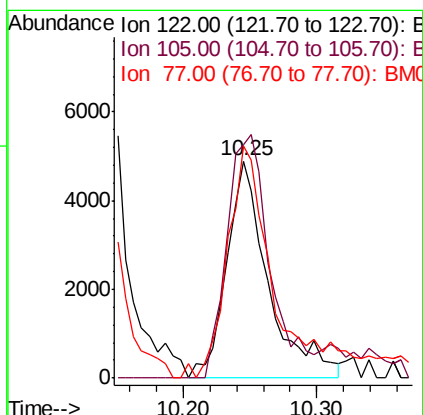
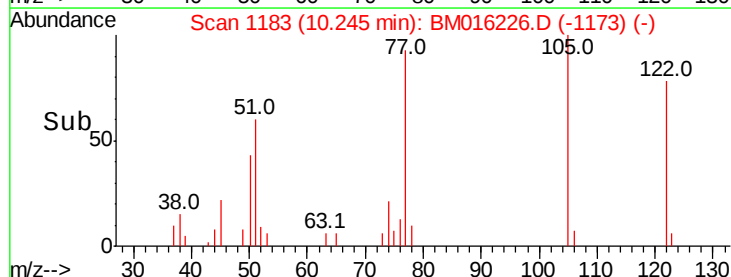
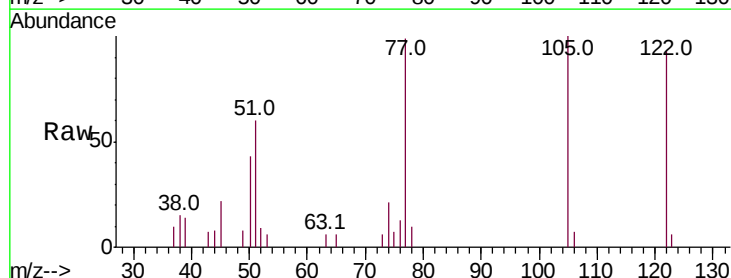
Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 256678
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.1 10.4 15.6



#32
Benzoic acid
Concen: 7.152 ng
RT: 10.25 min Scan# 1183
Delta R.T. -0.04 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:122 Resp: 10704
Ion Ratio Lower Upper
122 100
105 107.7 99.9 139.9
77 107.2 73.7 113.7

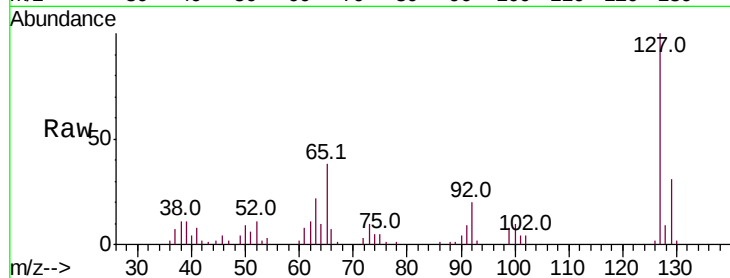




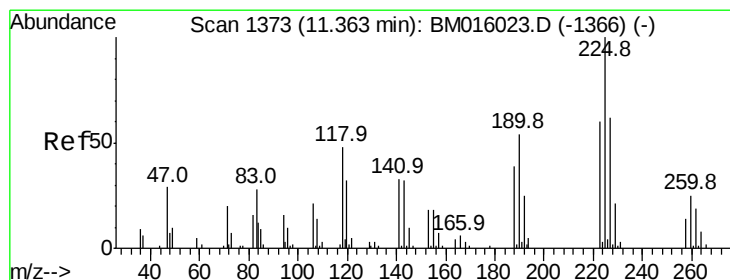
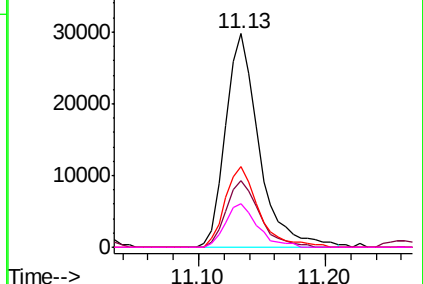
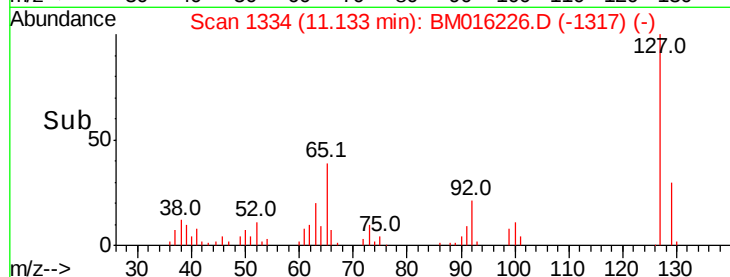
#33
4-Chloroaniline
Concen: 16.892 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 54422
Ion Ratio Lower Upper
127 100
129 31.0 25.3 37.9
65 37.9 17.6 26.4#
92 20.2 13.1 19.7#

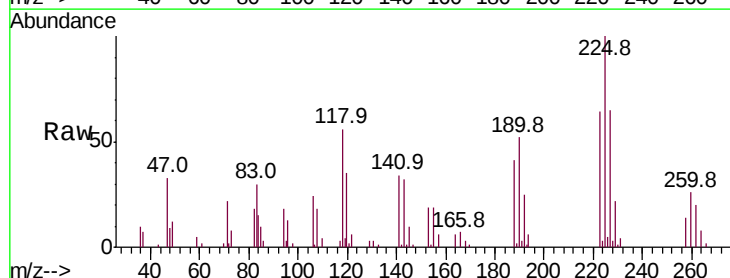


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

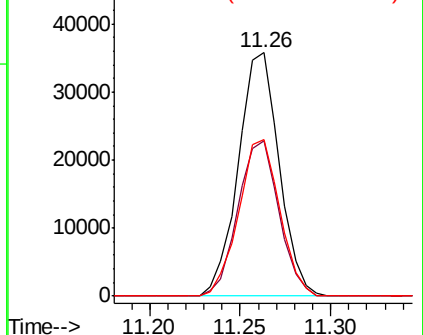
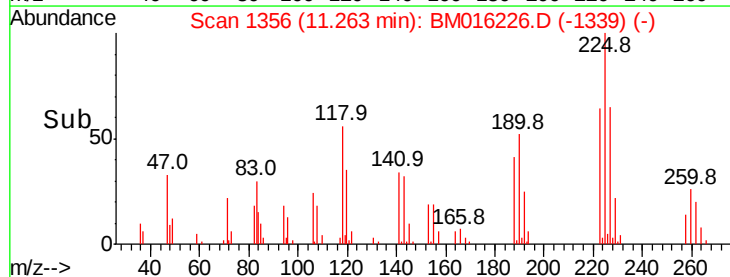


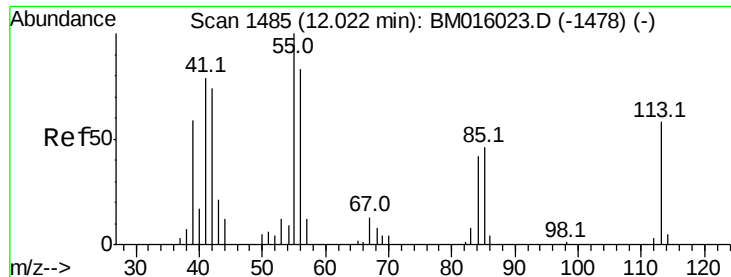
#34
Hexachlorobutadiene
Concen: 28.521 ng
RT: 11.26 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:225 Resp: 56082
Ion Ratio Lower Upper
225 100
223 63.7 47.9 71.9
227 64.5 50.1 75.1



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





#35

Caprolactam

Concen: 38.622 ng

RT: 11.94 min Scan# 1471

Delta R.T. -0.03 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

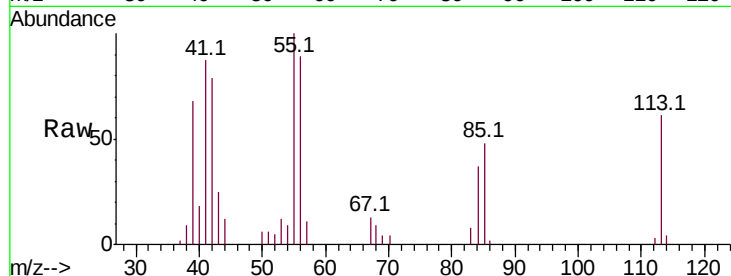
Tot Ion:113 Resp: 24958

Ion Ratio Lower Upper

113 100

55 164.3 145.9 185.9

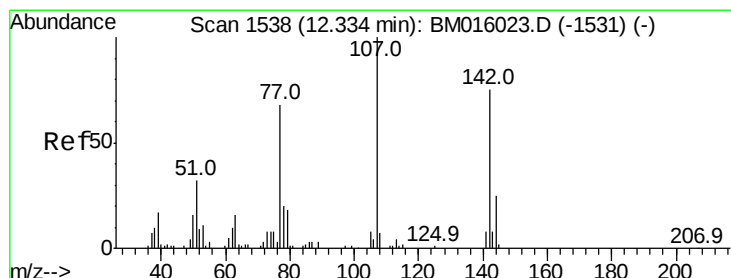
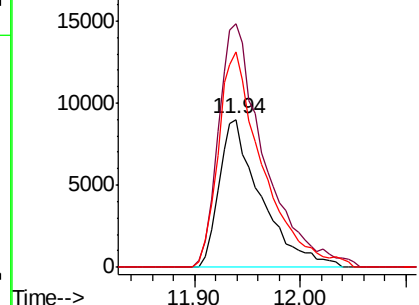
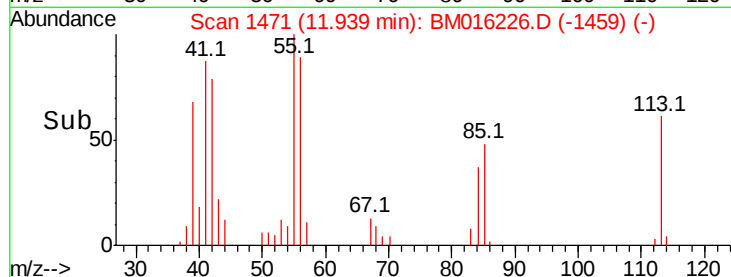
56 145.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.949 ng

RT: 12.25 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

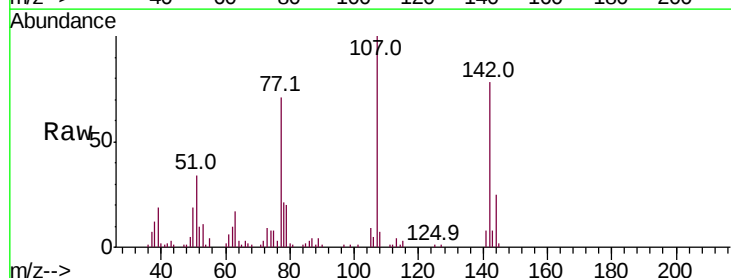
Tgt Ion:107 Resp: 102517

Ion Ratio Lower Upper

107 100

144 25.3 23.3 34.9

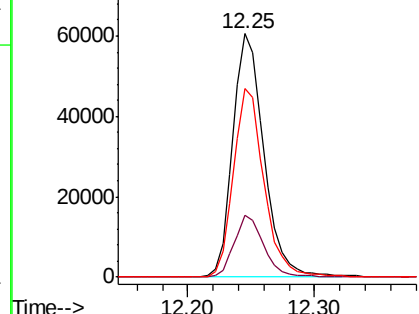
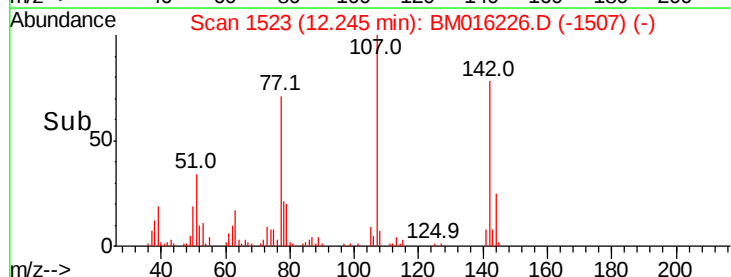
142 77.6 72.6 109.0

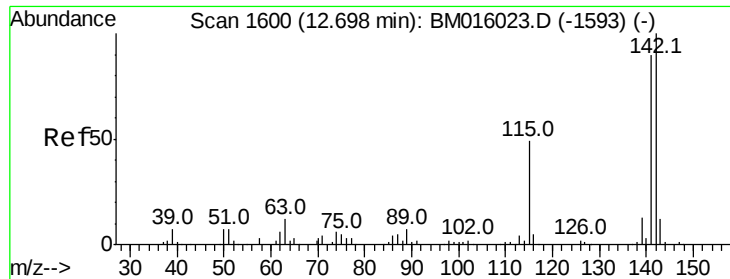


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

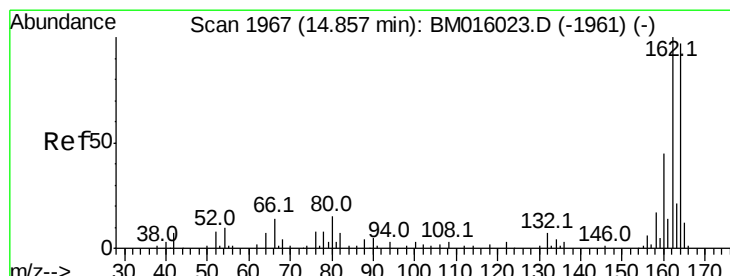
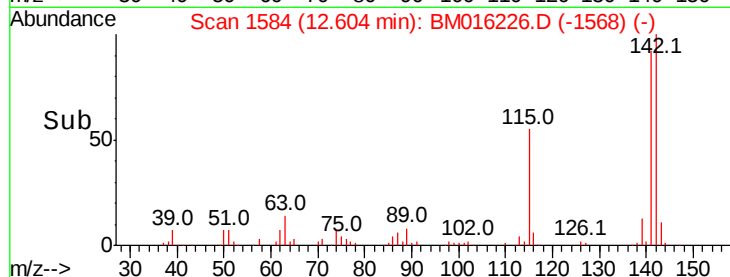
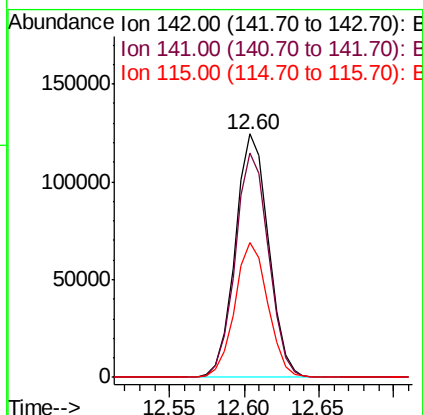
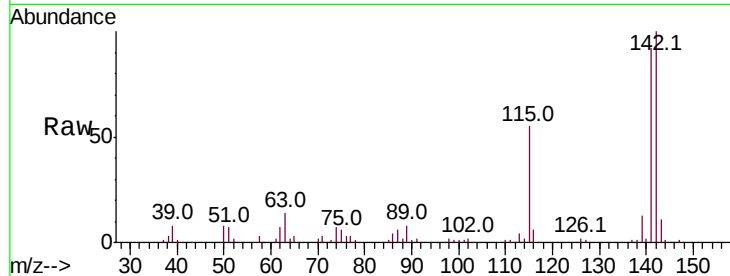




#37
2-Methylnaphthalene
Concen: 36.605 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

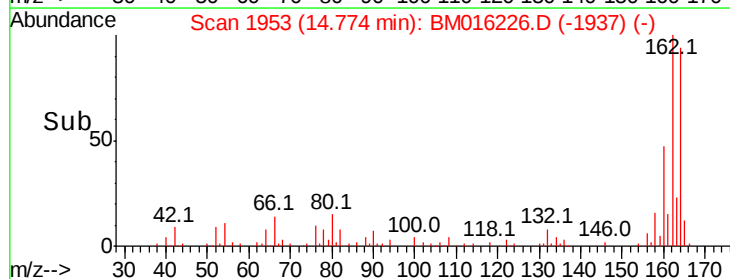
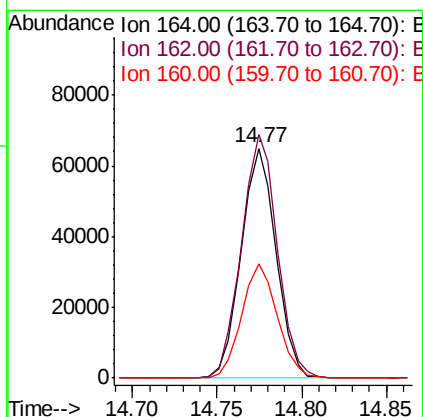
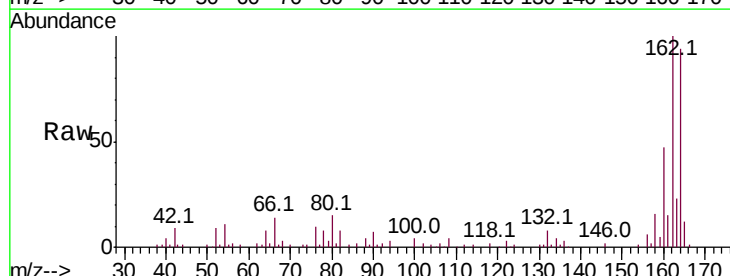
Instrument :
BNA_M
ClientSampleID :

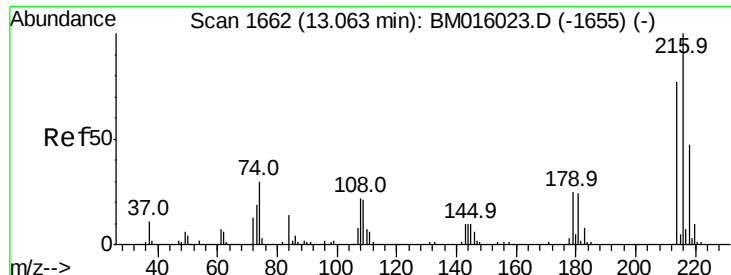
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9
115	55.3	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.4	123.6
160	49.6	35.8	53.6

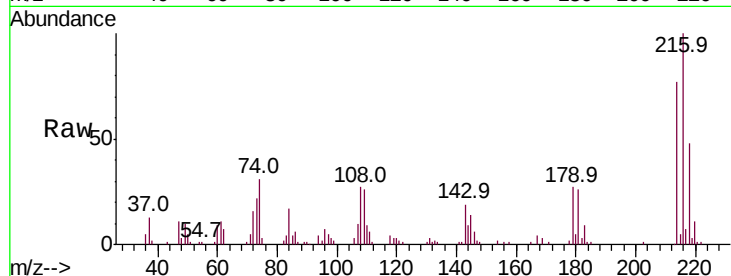




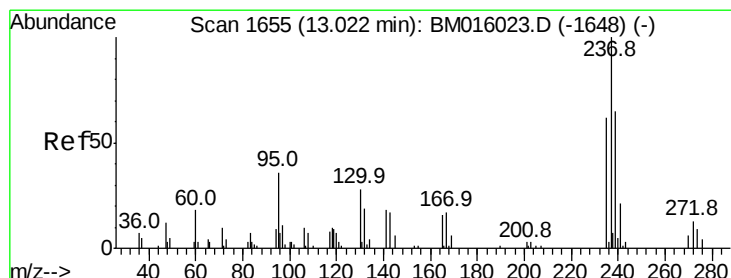
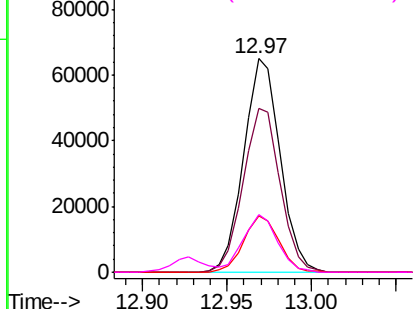
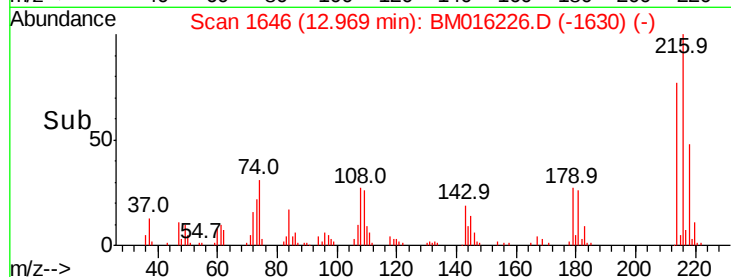
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.735 ng
 RT: 12.97 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	216	Resp:	97779
Ion	Ratio	Lower	Upper
216	100		
214	77.4	0.0	0.0#
179	25.8	0.0	0.0#
108	25.6	0.0	0.0#

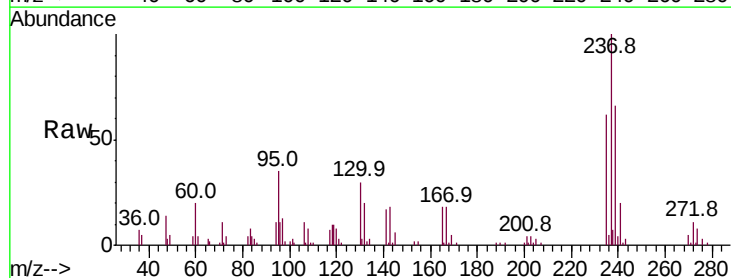


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

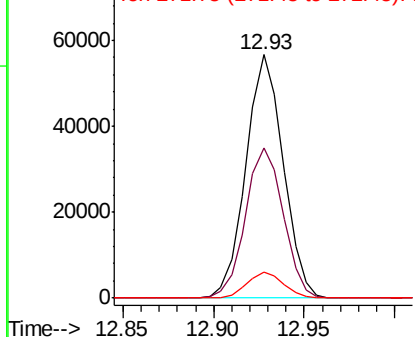
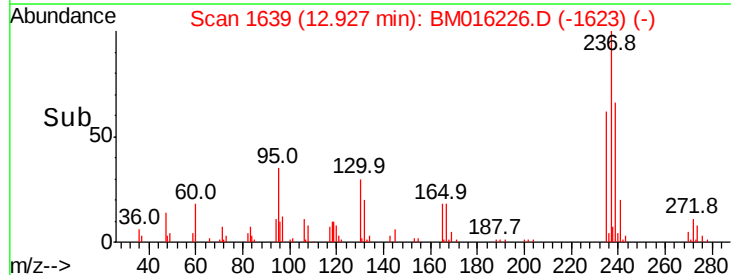


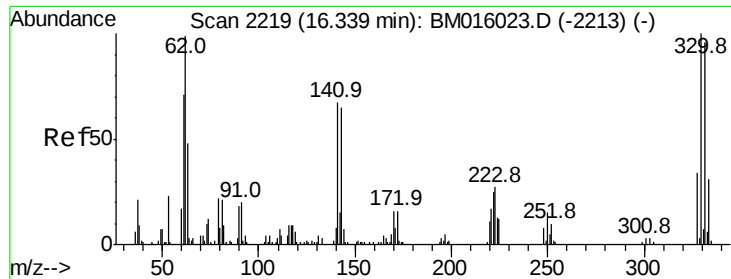
#40
 Hexachlorocyclopentadiene
 Concen: 54.677 ng
 RT: 12.93 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion:	237	Resp:	81187
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	10.9	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

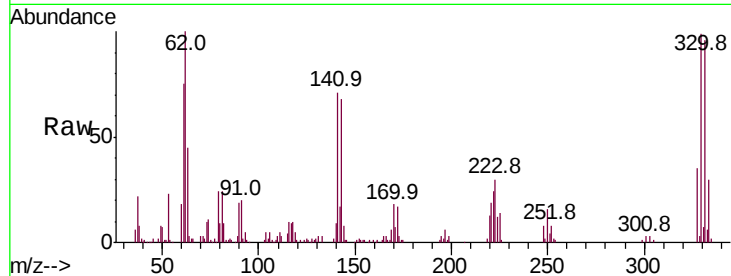




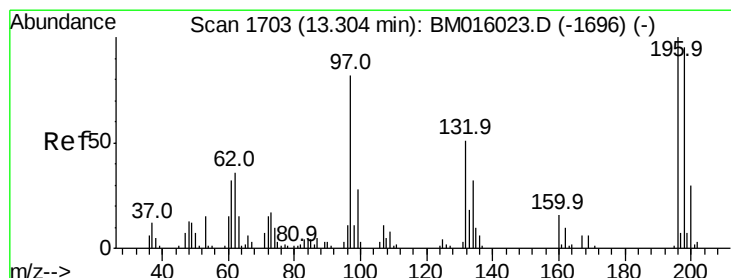
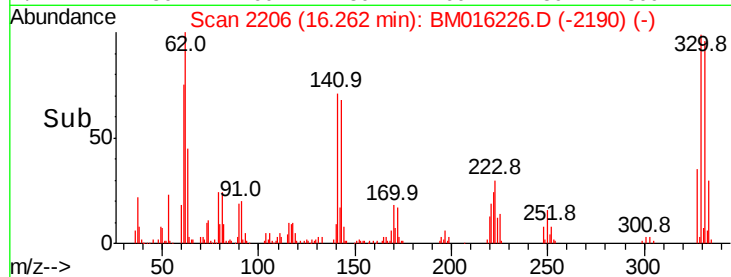
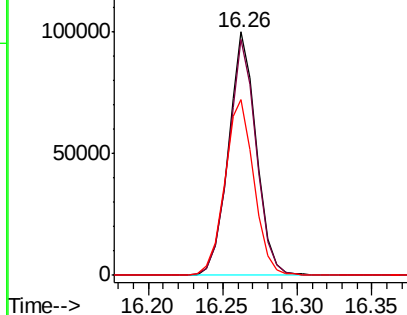
#41
 2,4,6-Tribromophenol
 Concen: 54.677 ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 130871
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 75.6 0.0 0.0#

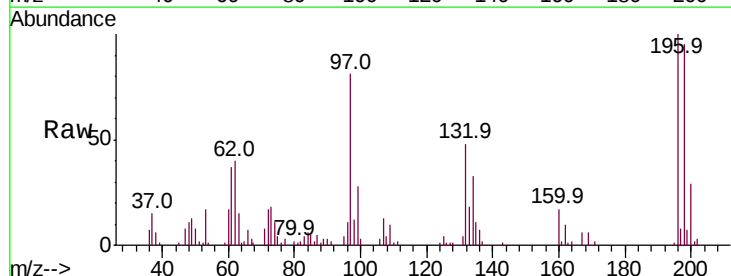


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

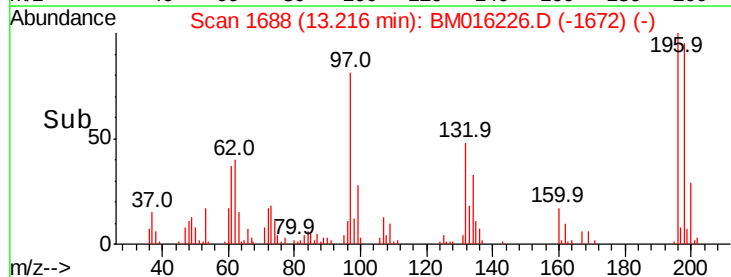
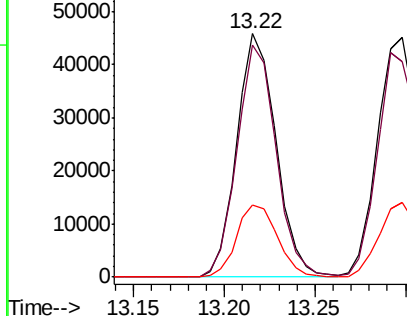


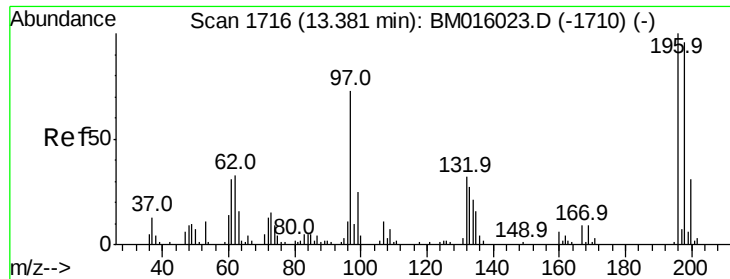
#42
 2,4,6-Trichlorophenol
 Concen: 34.775 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion:196 Resp: 69217
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 29.4 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

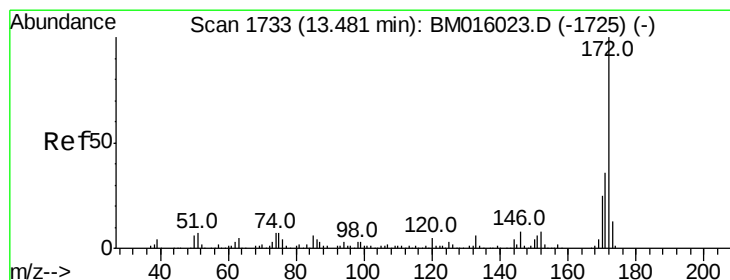
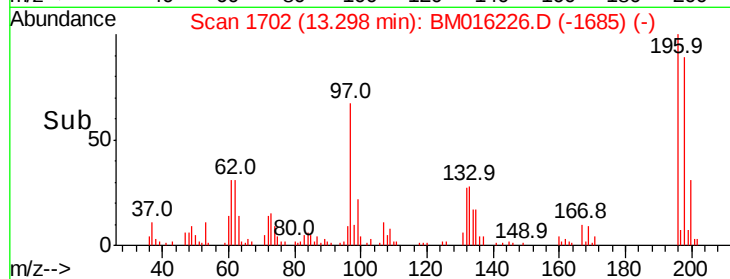
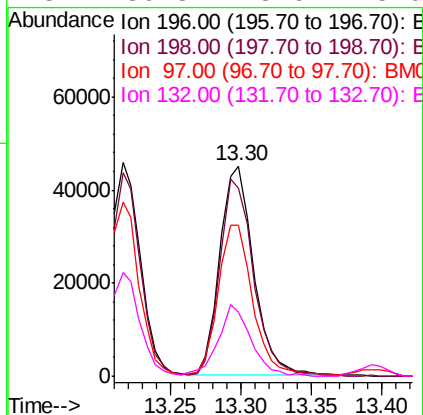
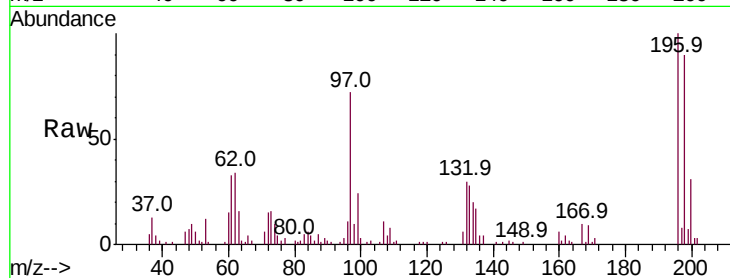




#43
 2,4,5-Trichlorophenol
 Concen: 36.402 ng
 RT: 13.30 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

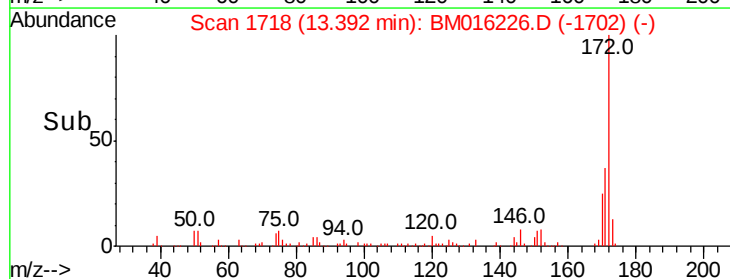
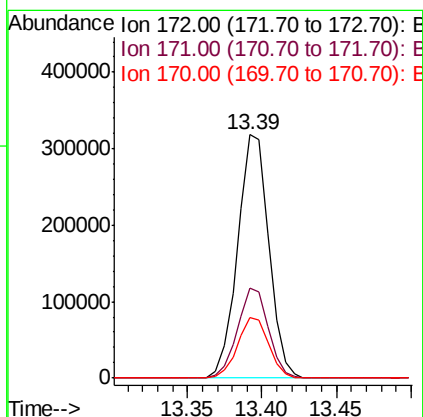
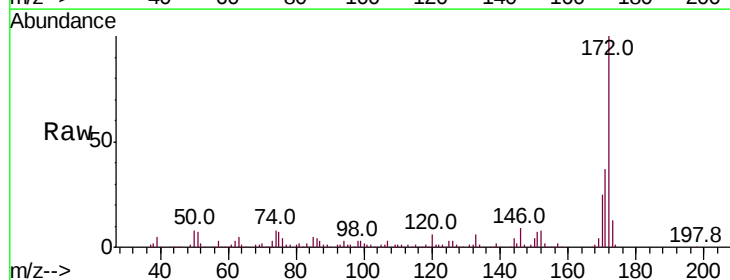
Instrument :
 BNA_M
 ClientSampleId :

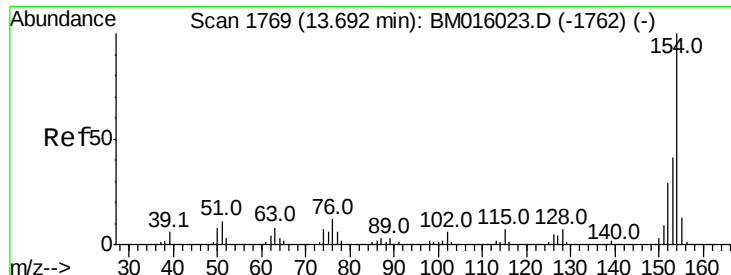
Tot Ion	Ratio	Lower	Upper
196	100		
198	89.6	79.4	119.0
97	72.1	26.8	40.2
132	30.3	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 36.402 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	24.7	18.8	28.2

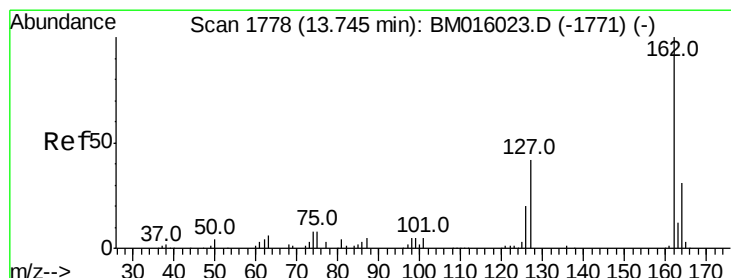
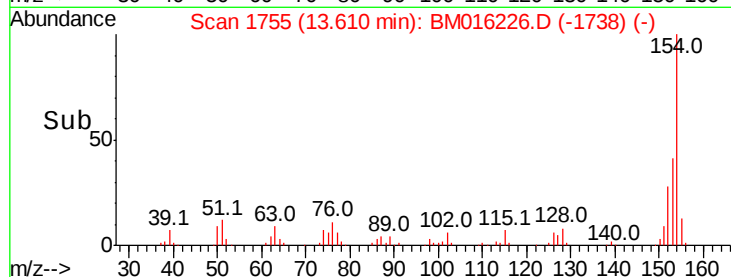
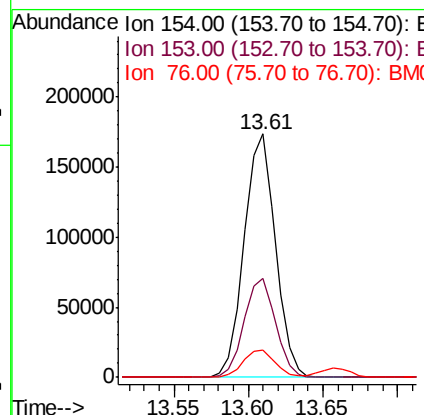
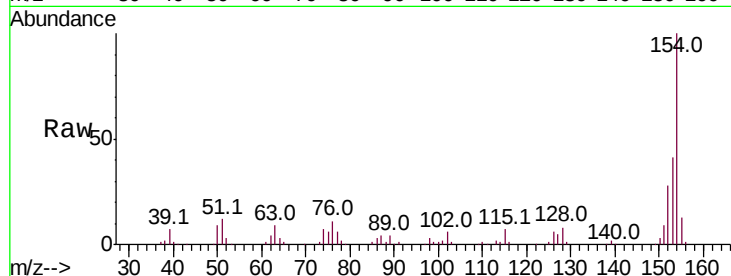




#45
 1,1'-Biphenyl
 Concen: 29.915 ng
 RT: 13.61 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

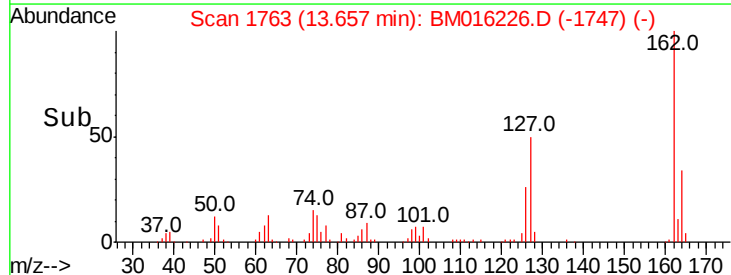
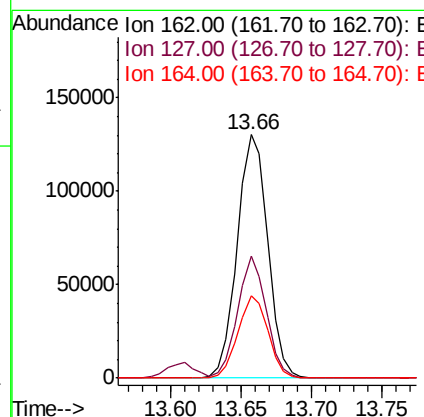
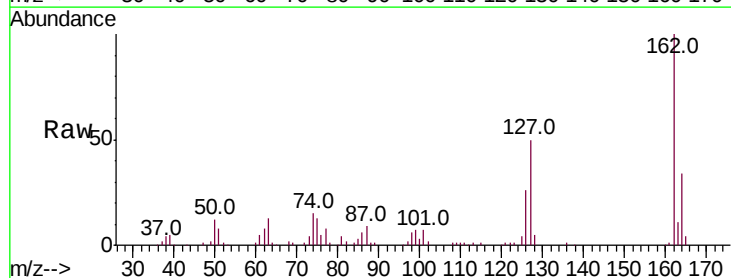
Instrument :
 BNA_M
 ClientSampleId :

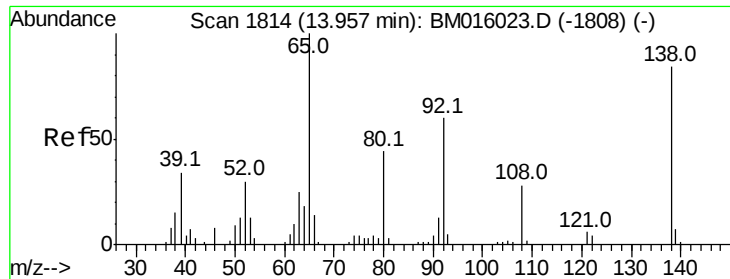
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	11.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 29.965 ng
 RT: 13.66 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	50.3	26.9	40.3#
164	33.8	26.8	40.2

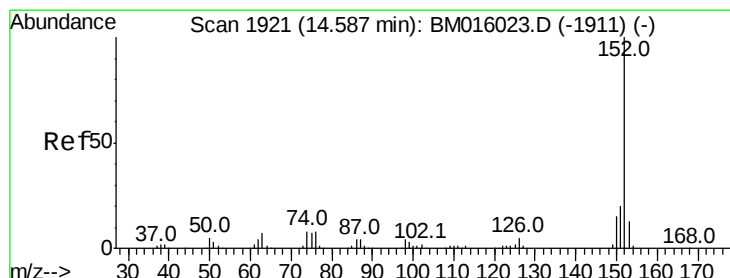
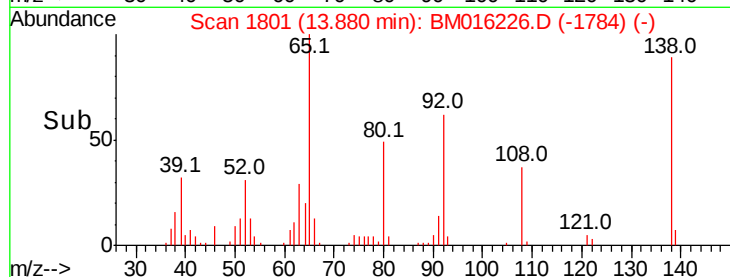
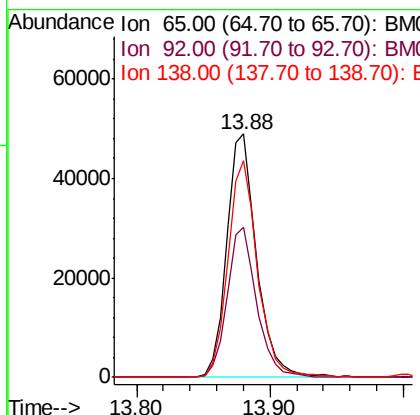
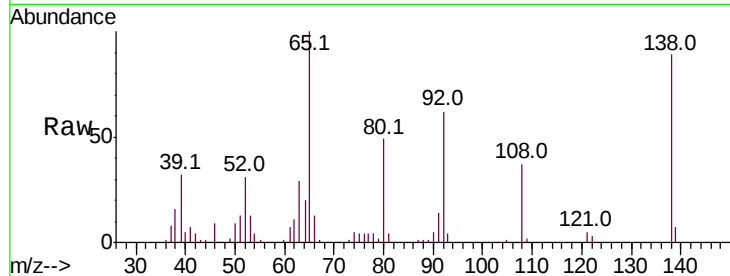




#47
 2-Nitroaniline
 Concen: 35.286 ng
 RT: 13.88 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

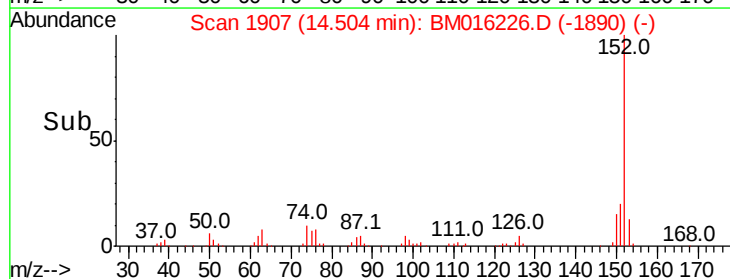
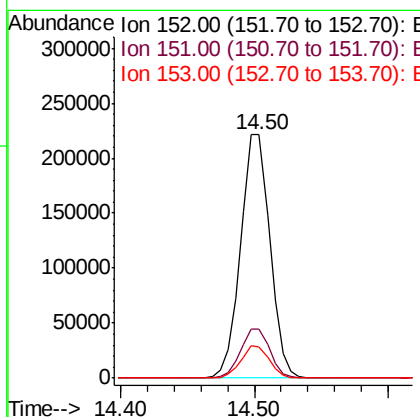
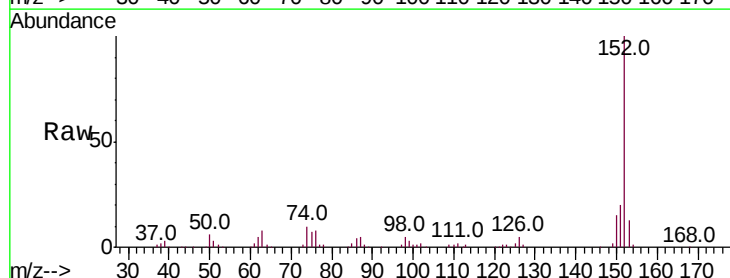
Instrument :
 BNA_M
 ClientSampleId :

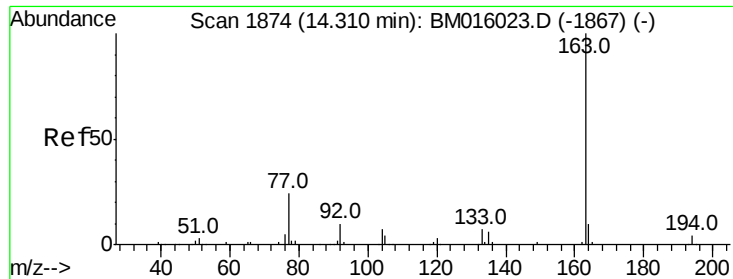
Tot Ion: 65 Resp: 76518
 Ion Ratio Lower Upper
 65 100
 92 61.8 59.1 88.7
 138 88.8 93.9 140.9#



#48
 Acenaphthylene
 Concen: 35.001 ng
 RT: 14.50 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion:152 Resp: 336079
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.9 23.9
 153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 42.762 ng

RT: 14.23 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

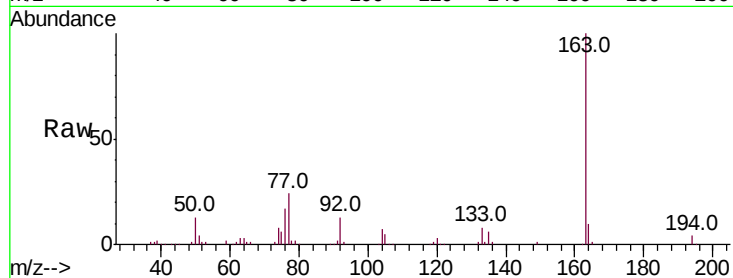
Tot Ion:163 Resp: 349703

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

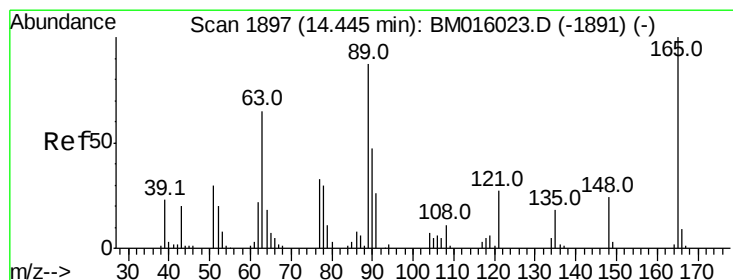
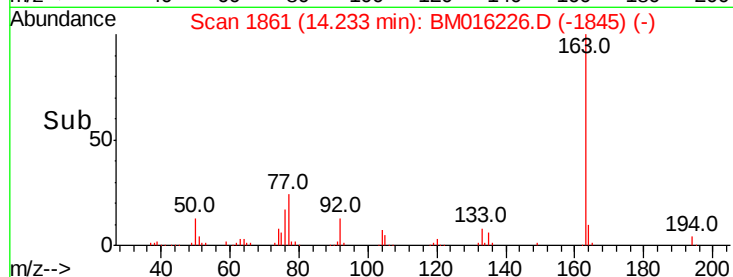
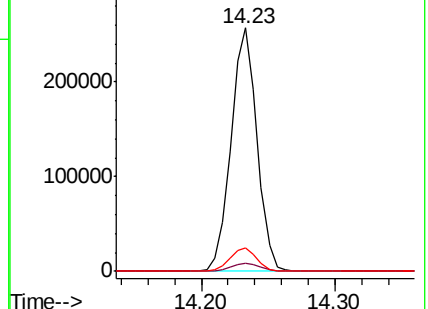
164 9.8 8.2 12.2



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: 35.424 ng

RT: 14.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

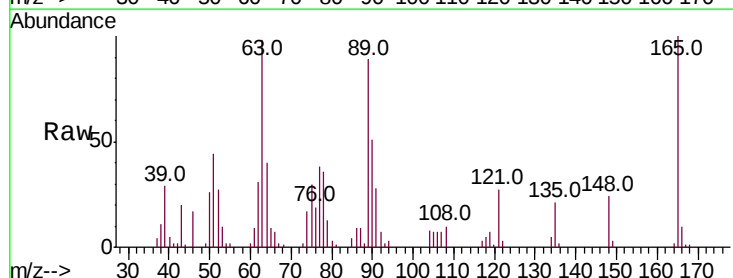
Tgt Ion:165 Resp: 58287

Ion Ratio Lower Upper

165 100

63 97.8 44.1 66.1#

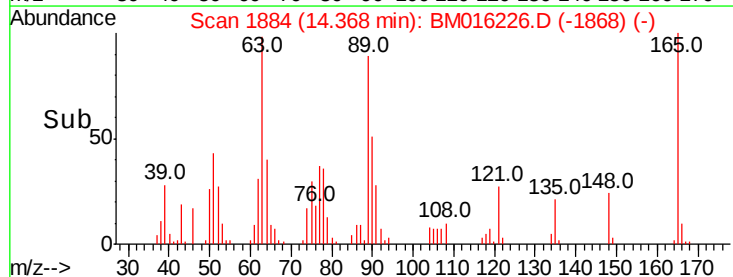
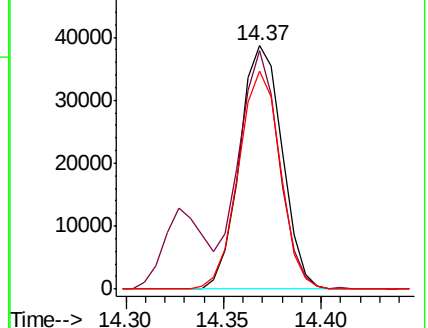
89 89.5 44.3 66.5#

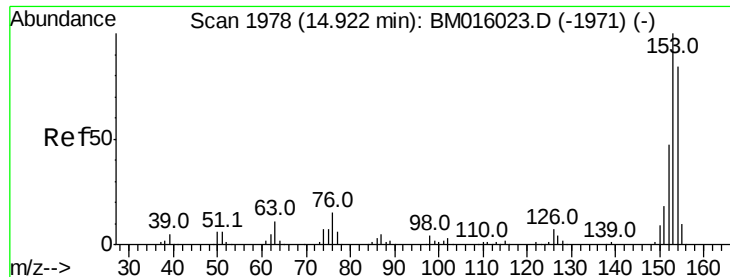


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 31.918 ng

RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

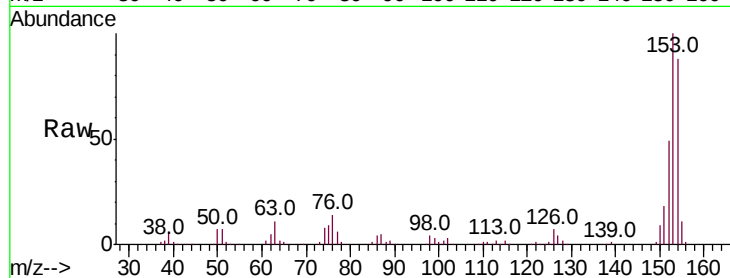
Tot Ion:154 Resp: 188489

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

152 55.6 42.6 63.8

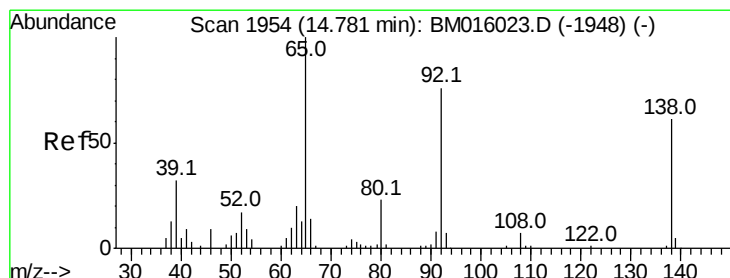
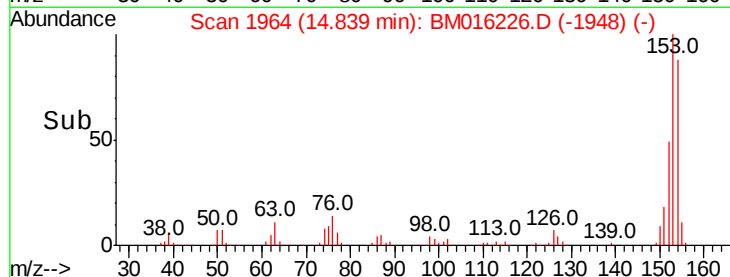
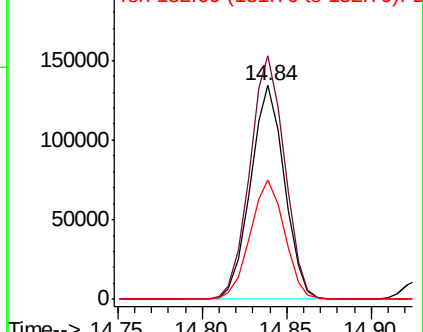


Abundance

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: 20.831 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

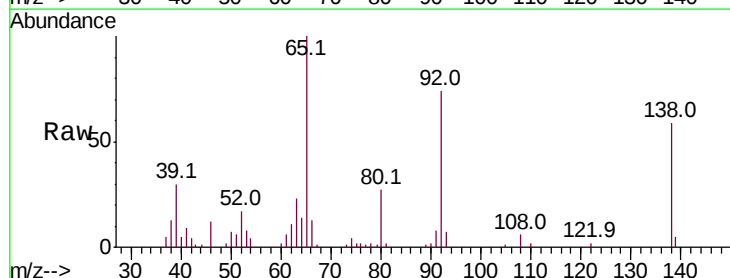
Tgt Ion:138 Resp: 37022

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

92 124.8 76.6 114.8#

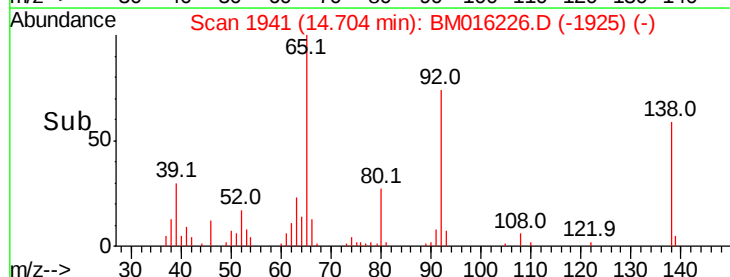
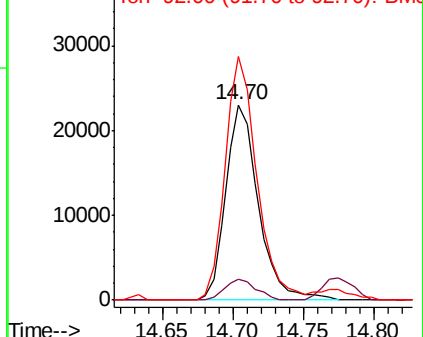


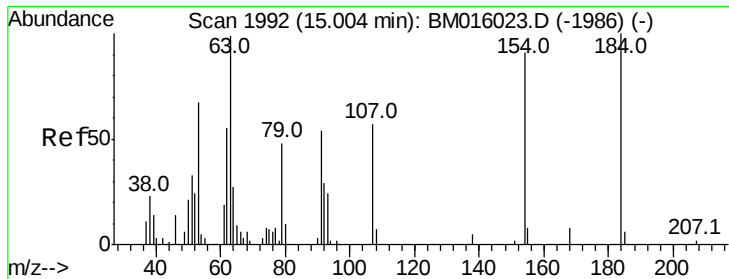
Abundance

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): E

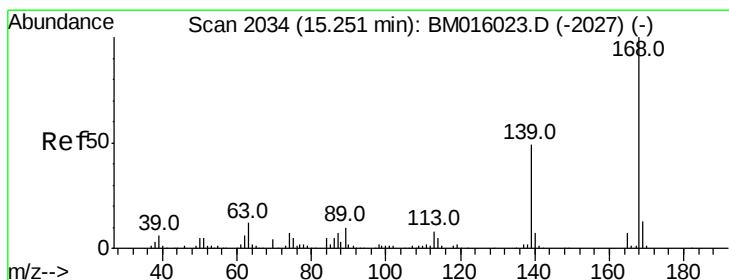
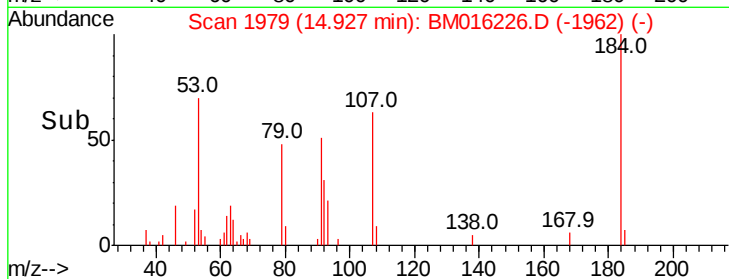
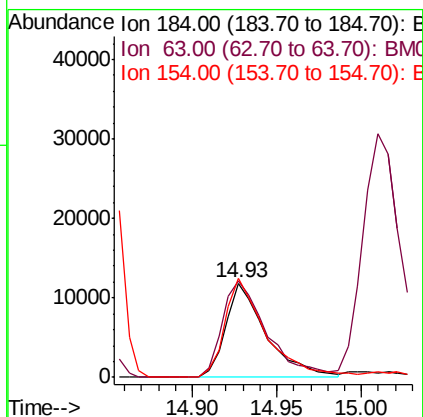
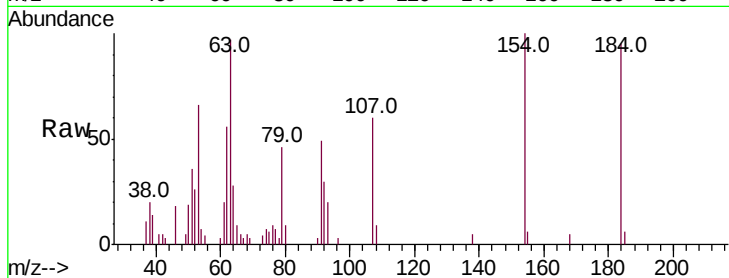




#53
2,4-Dinitrophenol
Concen: 31.744 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

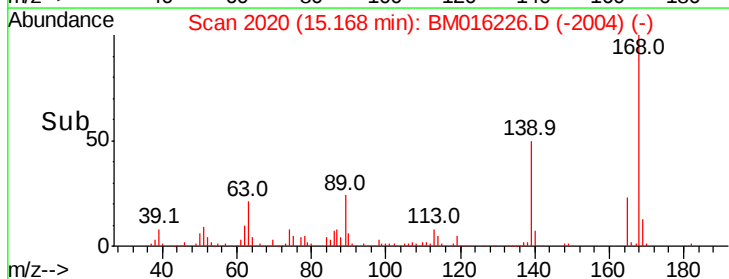
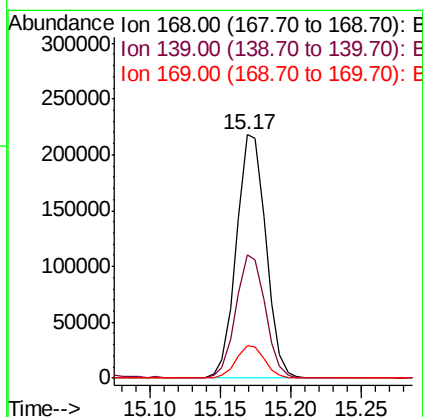
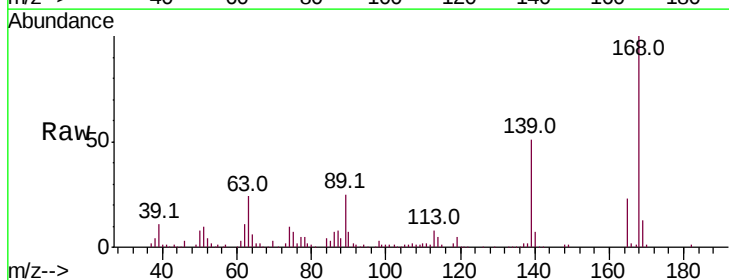
Instrument :
BNA_M
ClientSampleId :

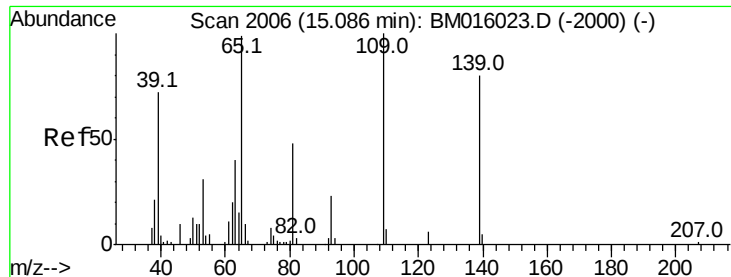
Tot Ion:184 Resp: 19605
Ion Ratio Lower Upper
184 100
63 101.8 69.2 103.8
154 105.1 53.3 79.9#



#54
Dibenzofuran
Concen: 32.616 ng
RT: 15.17 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:168 Resp: 317409
Ion Ratio Lower Upper
168 100
139 50.7 27.3 40.9#
169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 71.876 ng

RT: 15.01 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

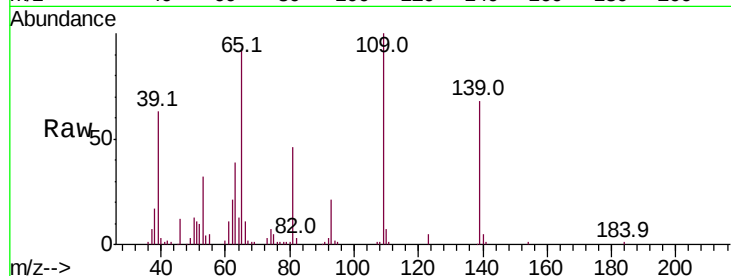
Tot Ion:139 Resp: 91573

Ion Ratio Lower Upper

139 100

109 147.3 130.0 170.0

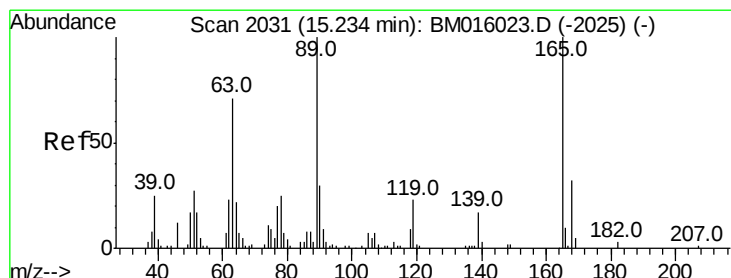
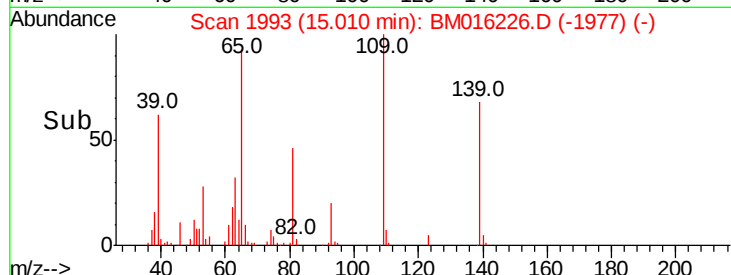
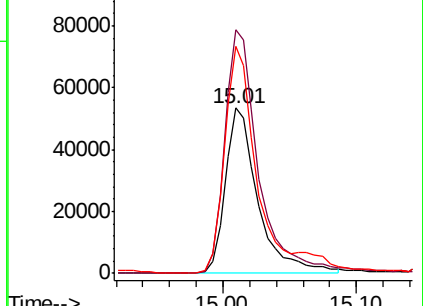
65 137.3 130.0 170.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 36.223 ng

RT: 15.16 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Tgt Ion:165 Resp: 85223

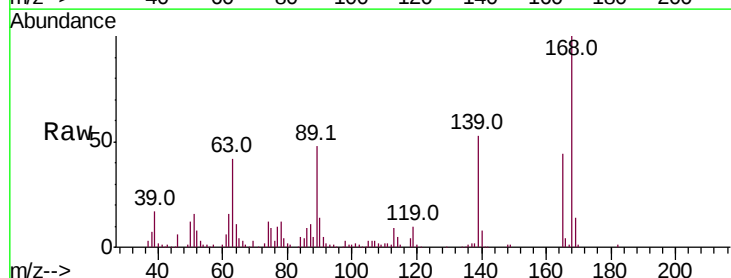
Ion Ratio Lower Upper

165 100

63 95.2 52.4 78.6#

89 109.2 72.4 108.6#

182 2.6 2.0 3.0

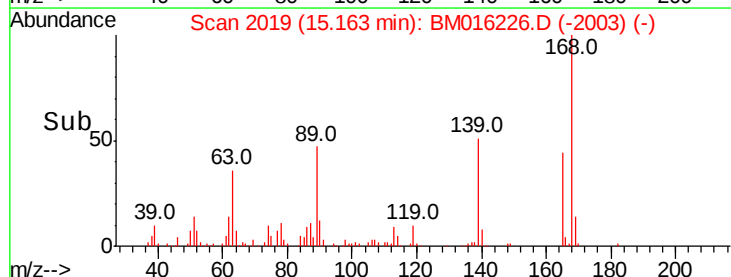
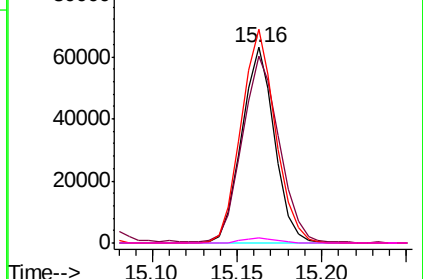


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

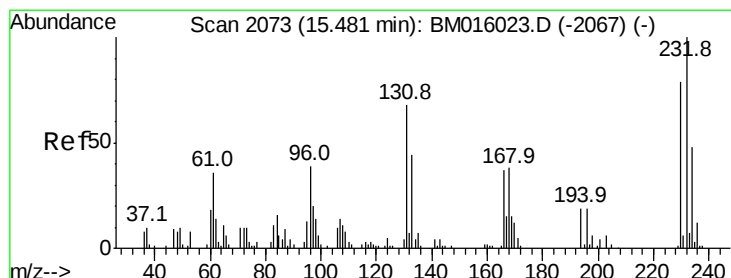
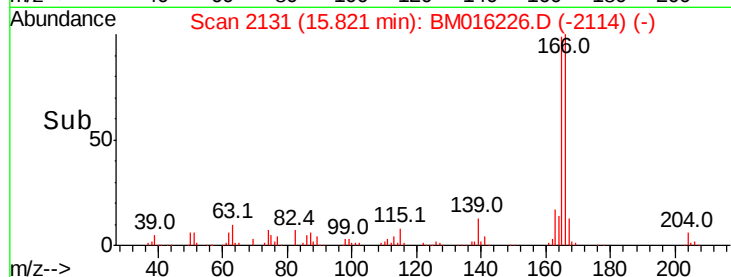
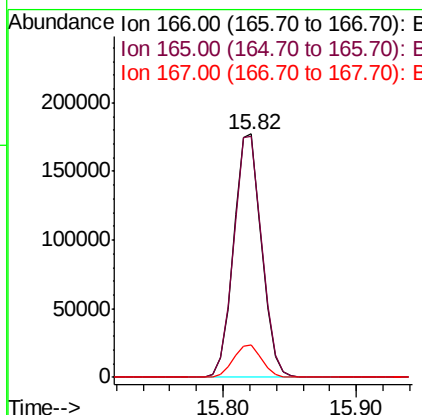
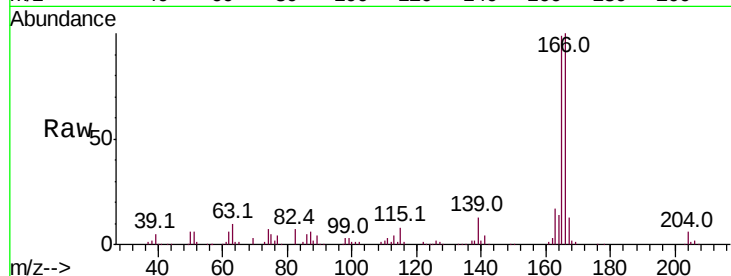




#57
 Fluorene
 Concen: 35.533 ng
 RT: 15.82 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

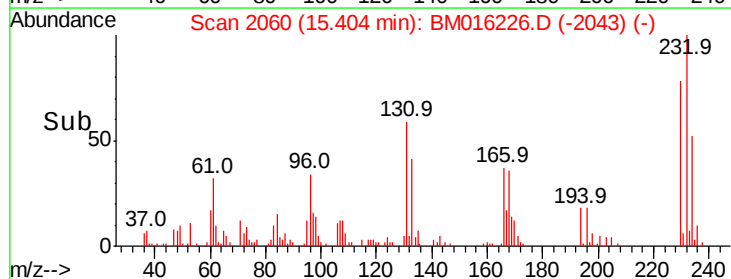
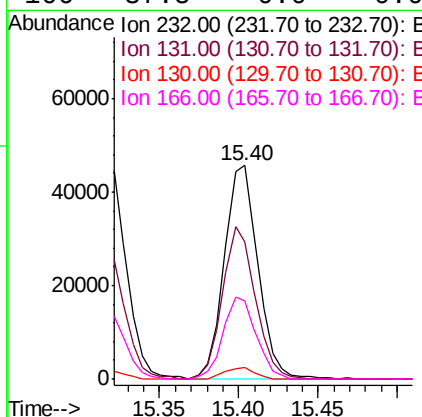
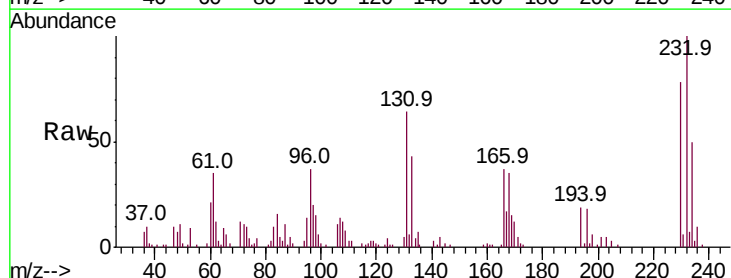
Instrument :
 BNA_M
 ClientSampled :

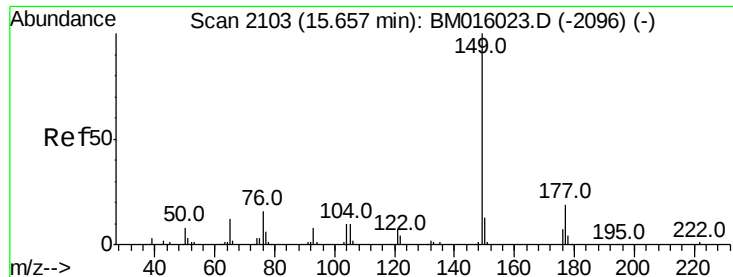
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.4	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.180 ng
 RT: 15.40 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	69.7	0.0	0.0#
130	4.7	0.0	0.0#
166	37.5	0.0	0.0#

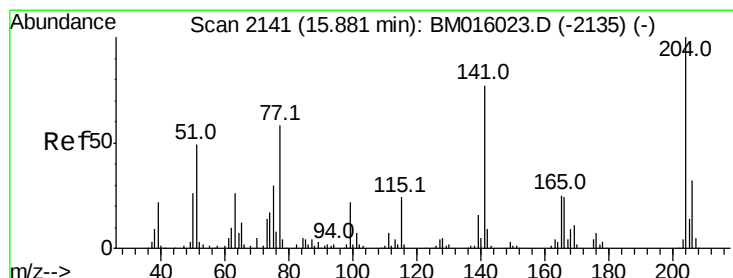
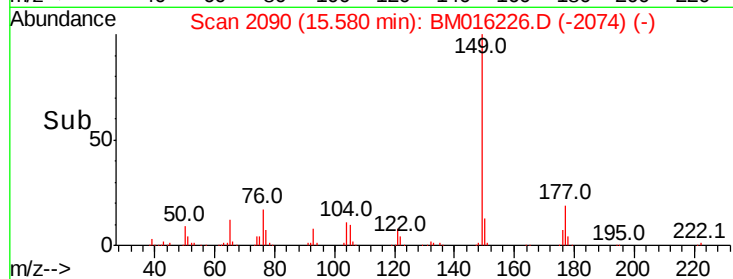
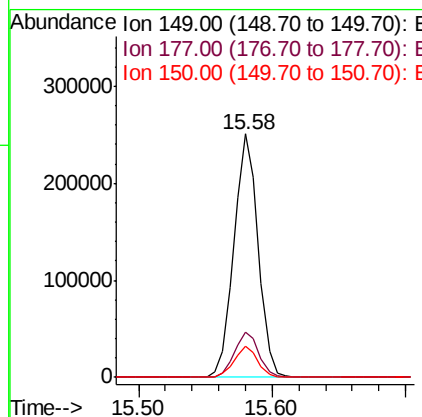
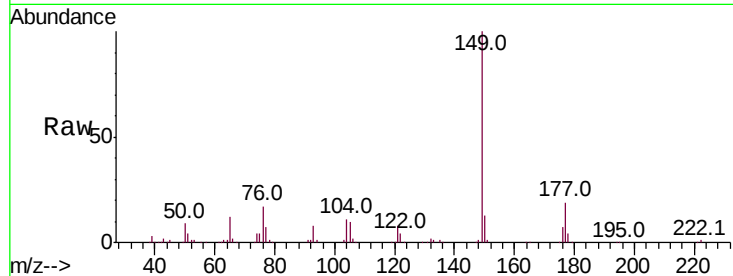




#59
Diethylphthalate
Concen: 36.072 ng
RT: 15.58 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

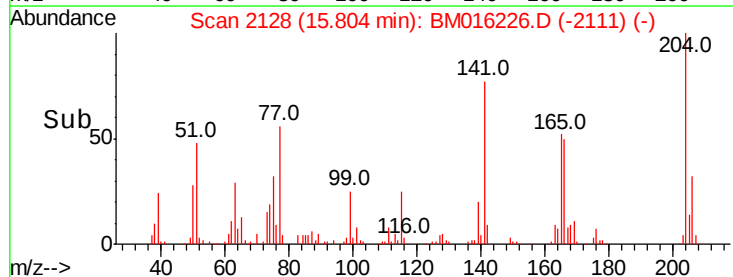
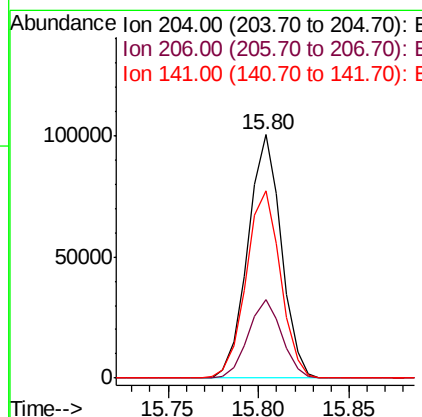
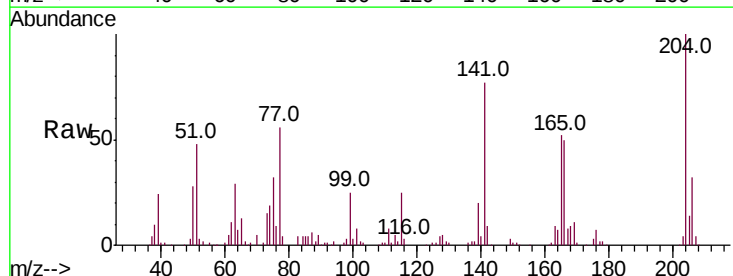
Instrument :
BNA_M
ClientSampleId :

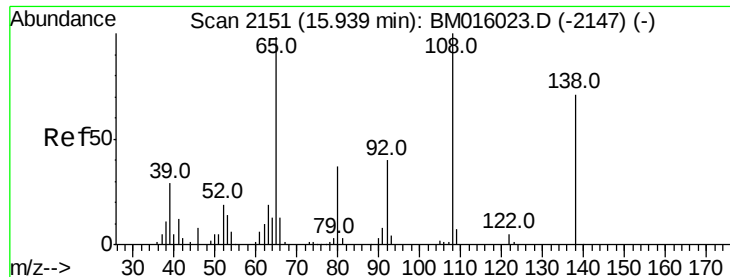
Tot Ion:149 Resp: 317960
Ion Ratio Lower Upper
149 100
177 18.8 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 32.030 ng
RT: 15.80 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:204 Resp: 128944
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 77.0 45.2 67.8#

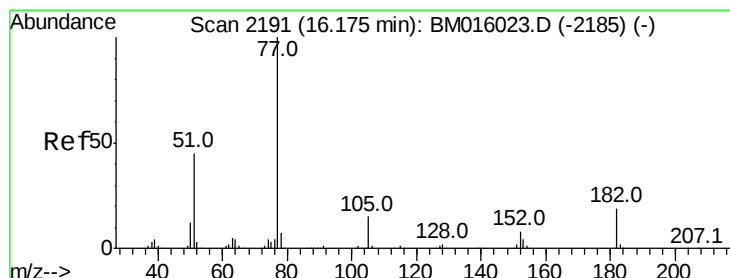
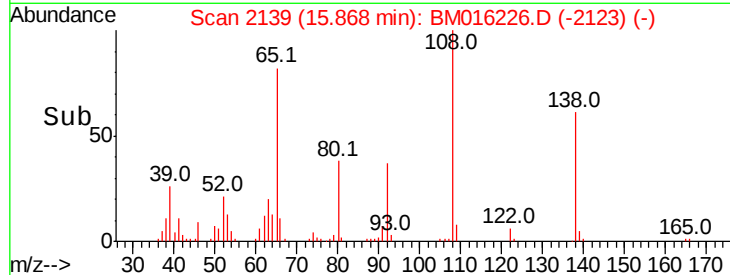
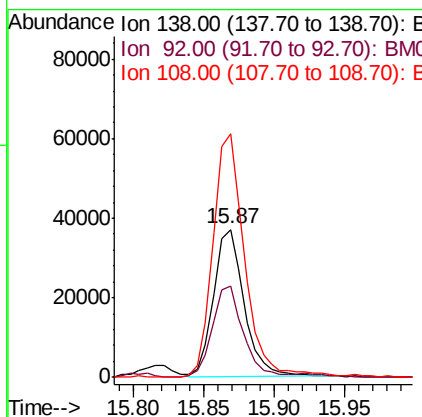
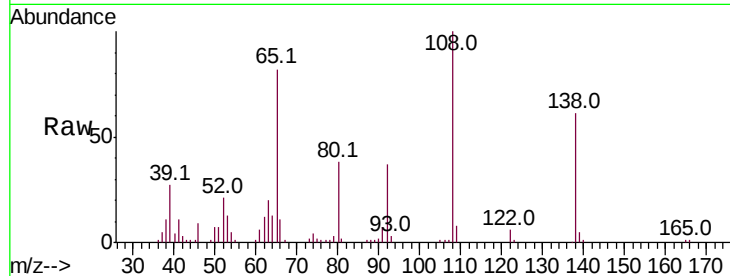




#61
 4-Nitroaniline
 Concen: 32.698 ng
 RT: 15.87 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

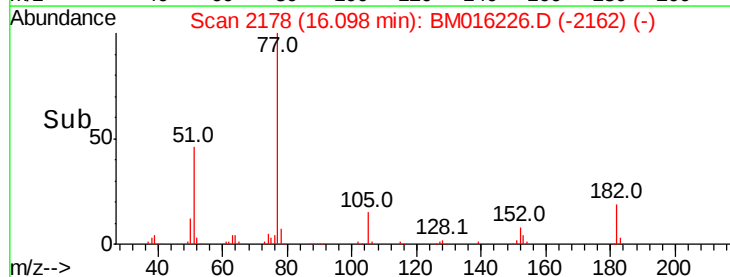
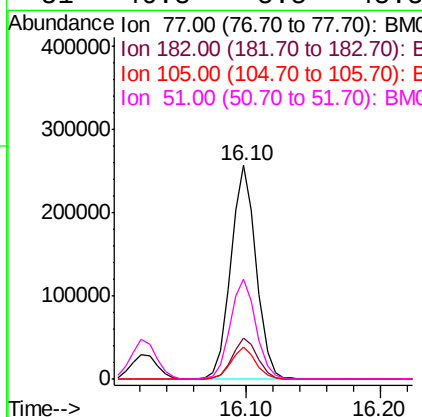
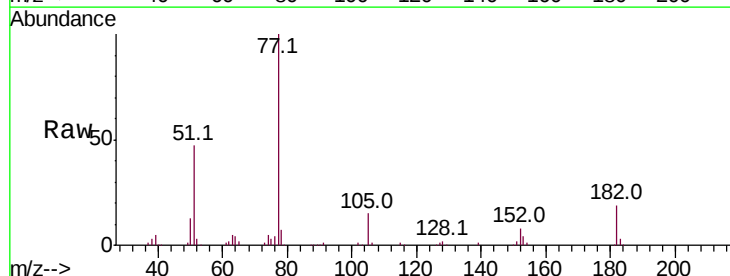
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:138 Resp: 55755
 Ion Ratio Lower Upper
 138 100
 92 61.5 16.7 56.7#
 108 164.5 37.6 77.6#



#62
 Azobenzene
 Concen: 36.456 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion: 77 Resp: 338425
 Ion Ratio Lower Upper
 77 100
 182 19.0 6.5 46.5
 105 14.9 3.8 43.8
 51 46.8 5.5 45.5#

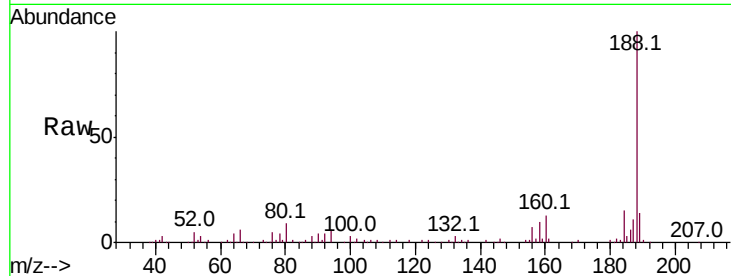




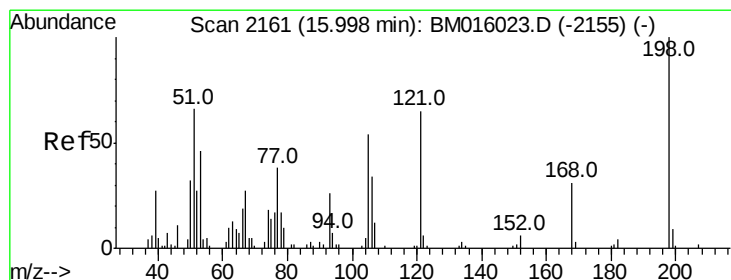
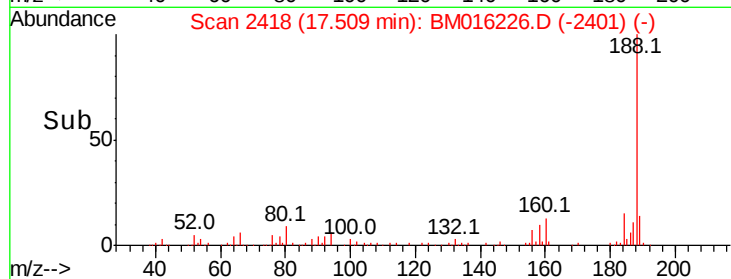
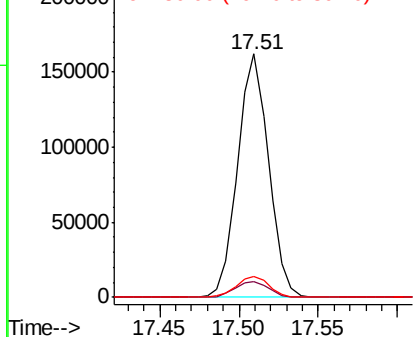
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 218740
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 8.6 9.3 13.9#

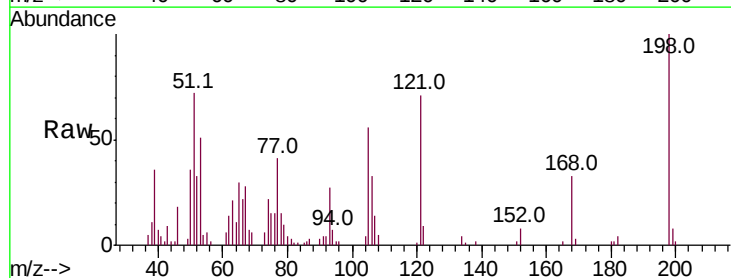


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

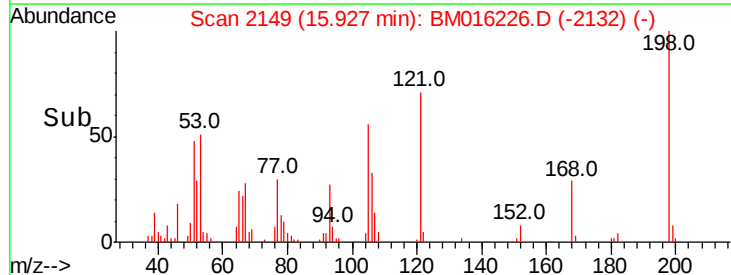
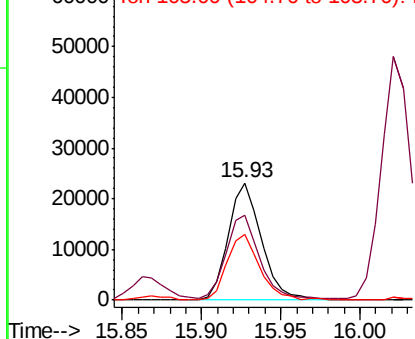


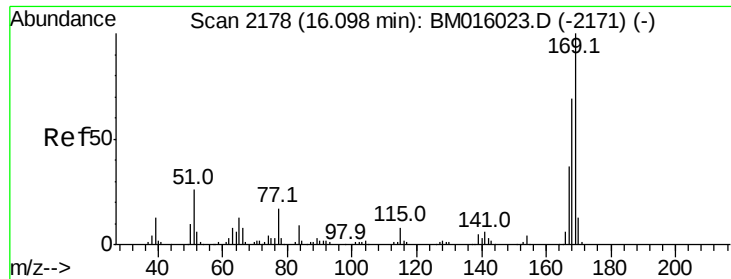
#64
4,6-Dinitro-2-methylphenol
Concen: 25.270 ng
RT: 15.93 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion:198 Resp: 33550
Ion Ratio Lower Upper
198 100
51 71.9 28.8 68.8#
105 56.2 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

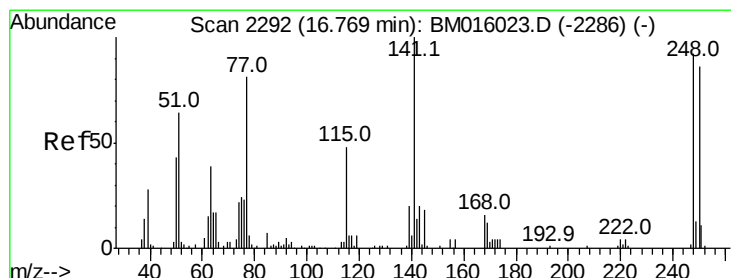
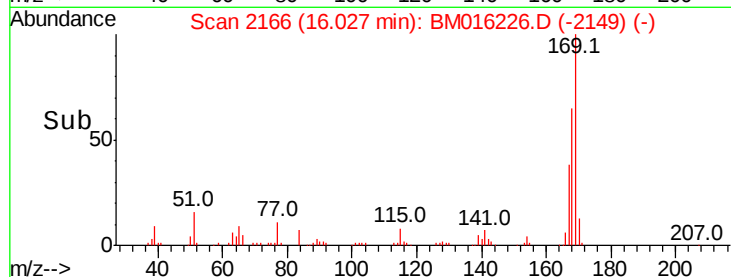
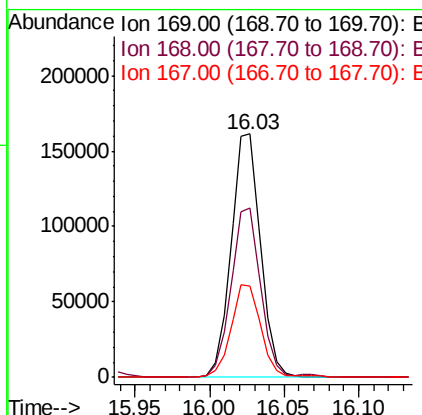
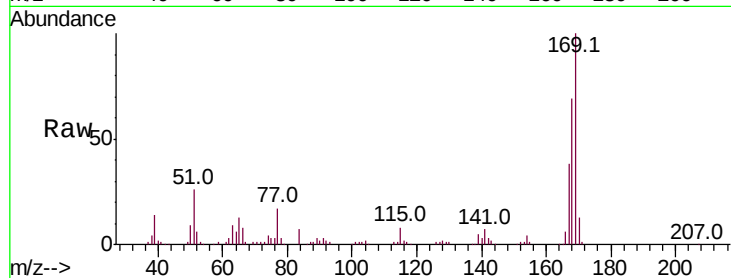




#65
 n-Nitrosodiphenylamine
 Concen: 30.878 ng
 RT: 16.03 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

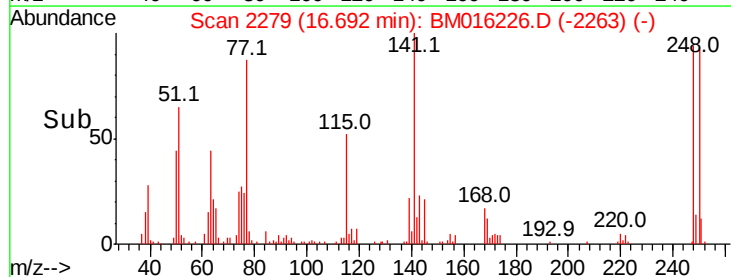
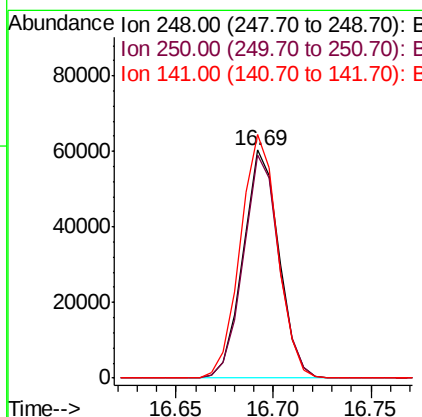
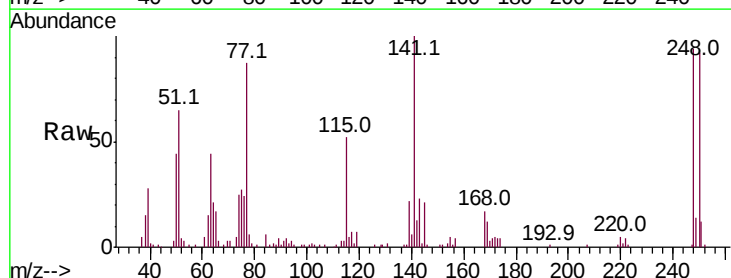
Instrument :
 BNA_M
 ClientSampleId :

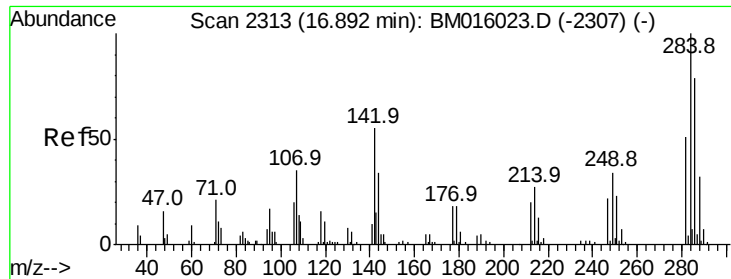
Tot Ion:169 Resp: 222407
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.9 80.9
 167 37.7 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 31.083 ng
 RT: 16.69 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion:248 Resp: 76990
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.4 116.0
 141 106.8 45.2 67.8#

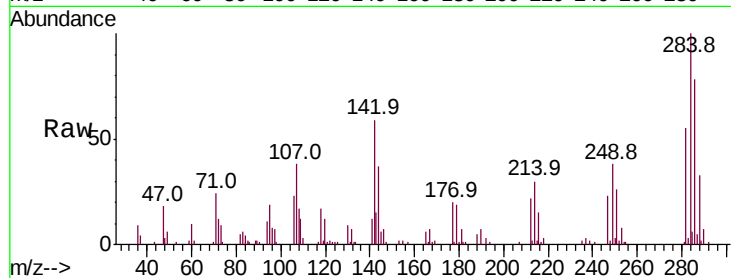




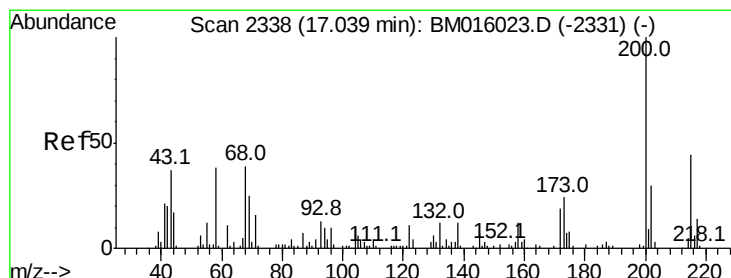
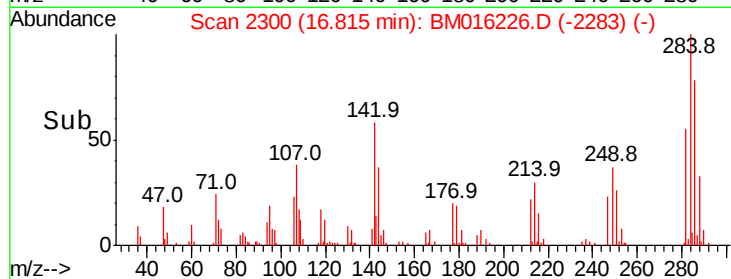
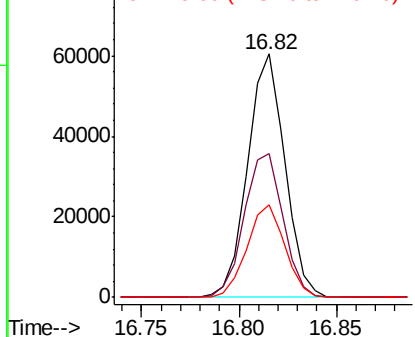
#67
Hexachlorobenzene
Concen: 29.328 ng
RT: 16.82 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	58.8	20.4	30.6#
249	38.0	23.8	35.6#

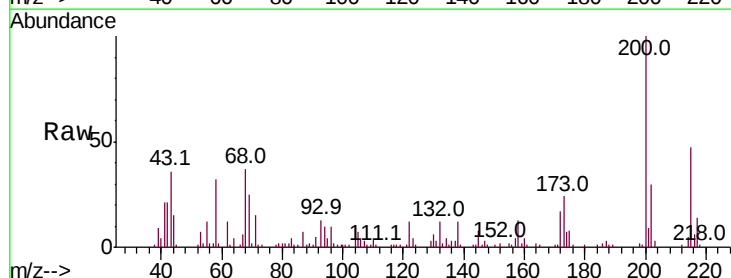


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

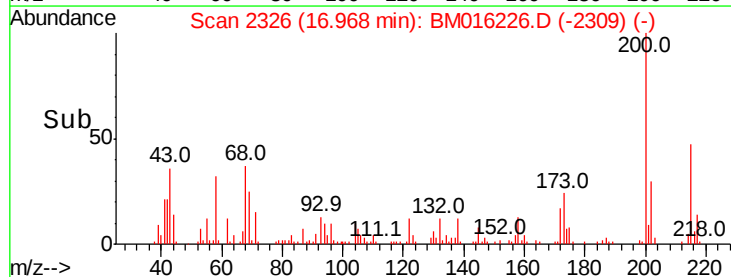
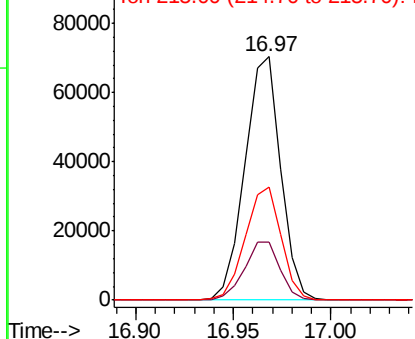


#68
Atrazine
Concen: 34.624 ng
RT: 16.97 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.8	44.8
215	46.6	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 56.442 ng

RT: 17.16 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

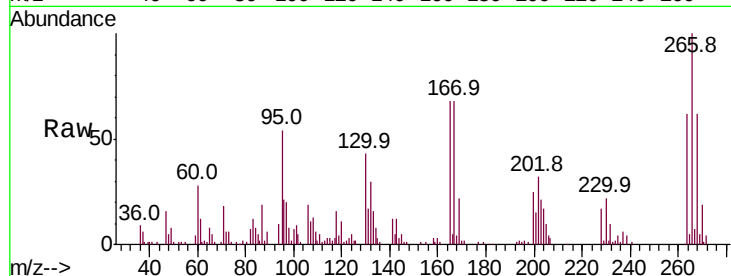
Tot Ion:266 Resp: 95333

Ion Ratio Lower Upper

266 100

268 61.5 52.0 78.0

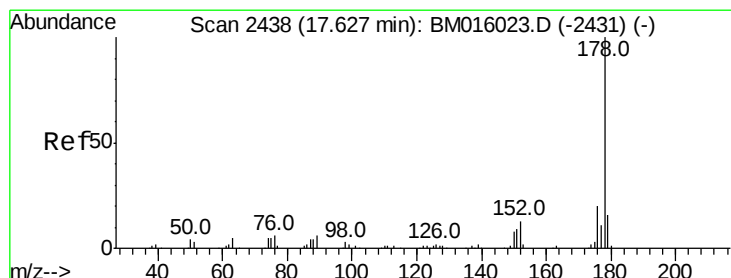
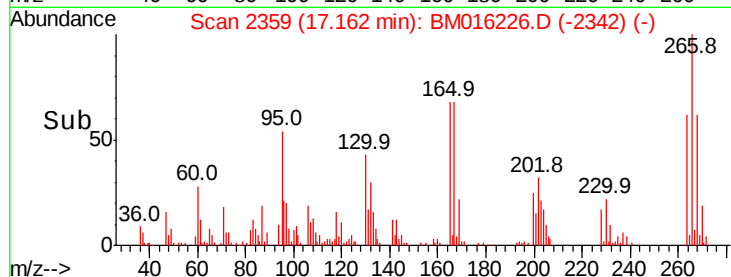
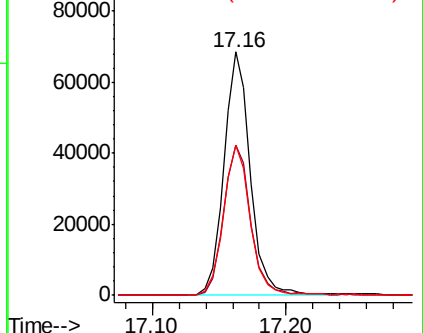
264 61.8 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.020 ng

RT: 17.55 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

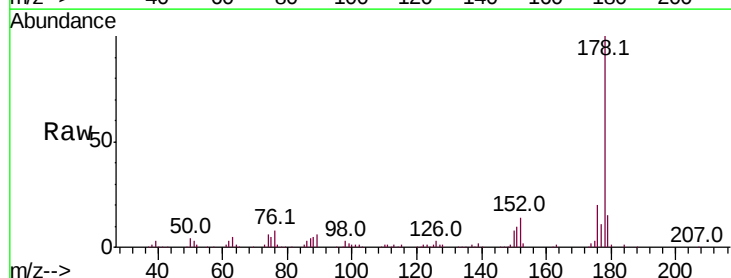
Tgt Ion:178 Resp: 404376

Ion Ratio Lower Upper

178 100

176 20.4 15.2 22.8

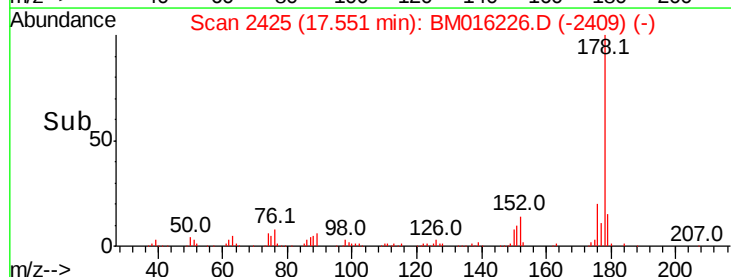
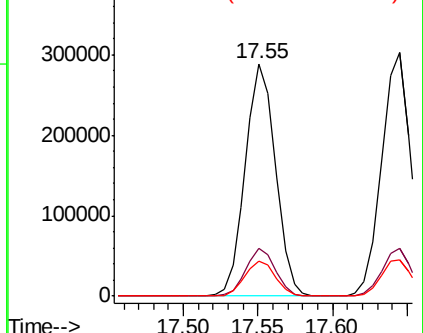
179 15.1 12.1 18.1

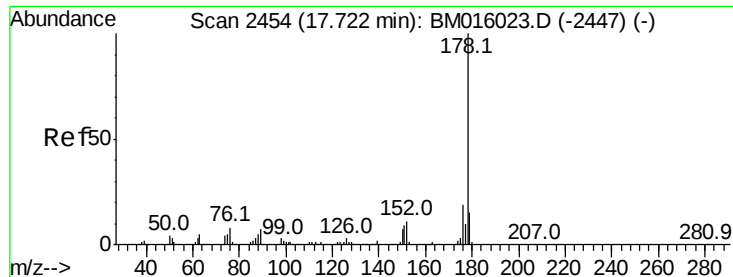


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

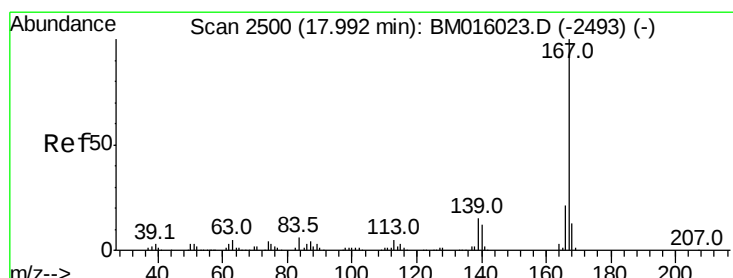
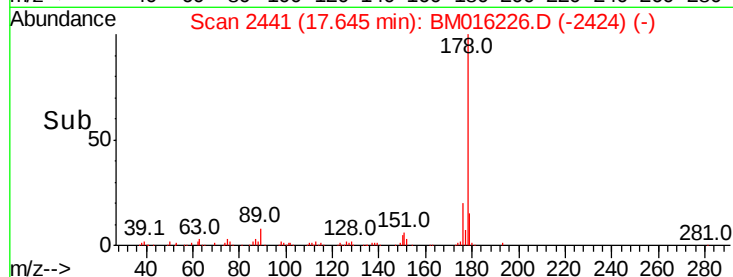
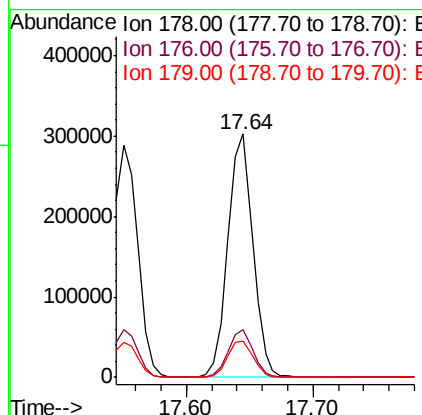
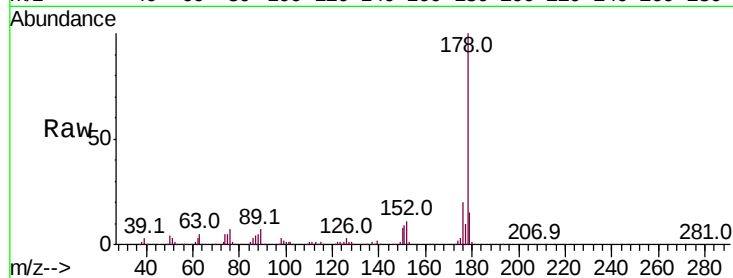




#71
 Anthracene
 Concen: 34.791 ng
 RT: 17.64 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

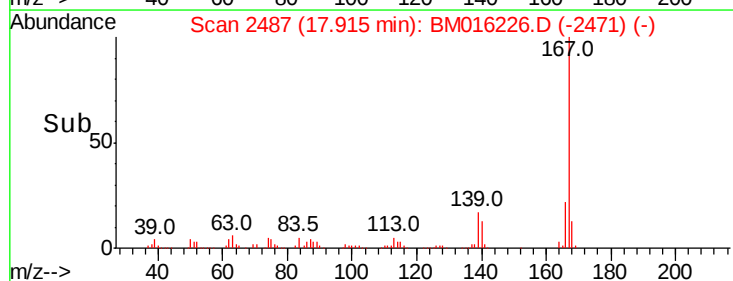
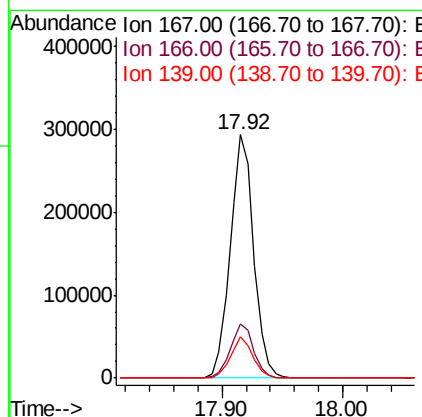
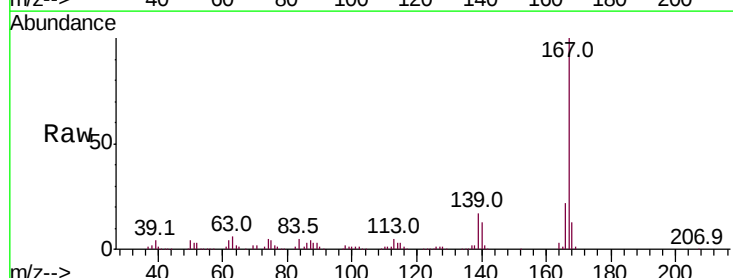
Instrument :
 BNA_M
 ClientSampleId :

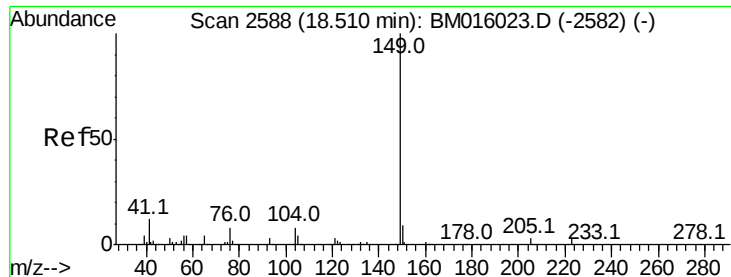
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	15.1	12.6	19.0



#72
 Carbazole
 Concen: 32.044 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	17.1	10.8	16.2#

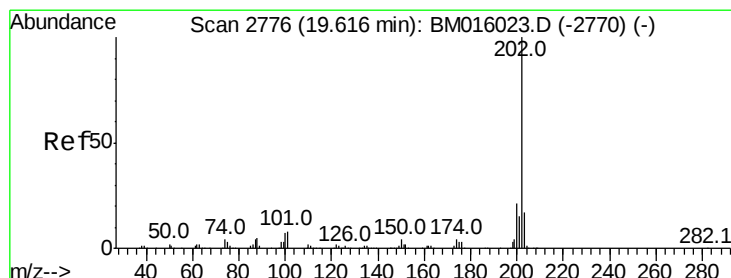
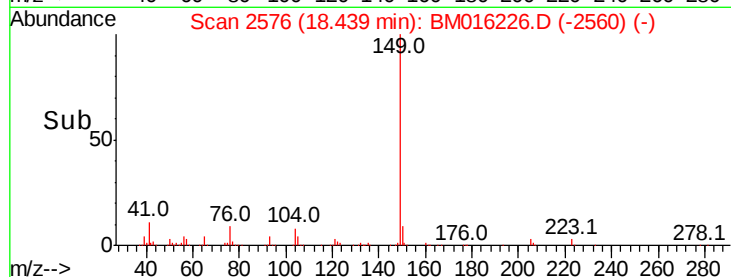
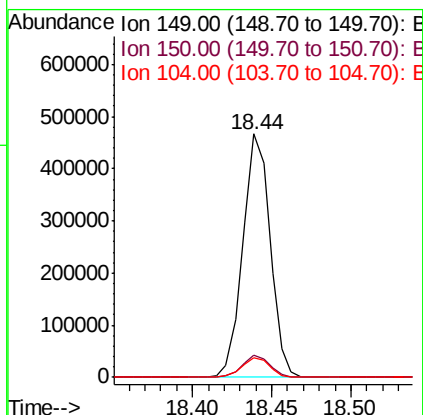
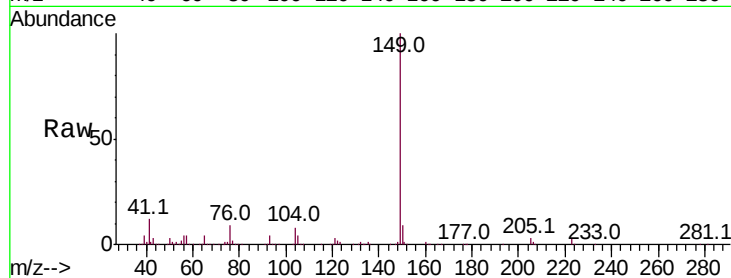




#73
Di-n-butylphthalate
Concen: 36.251 ng
RT: 18.44 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

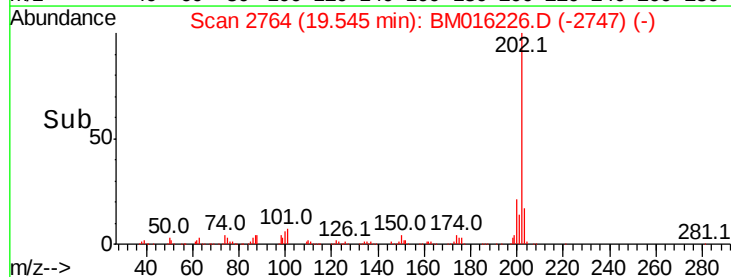
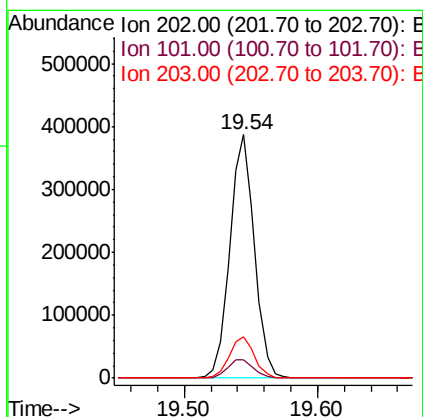
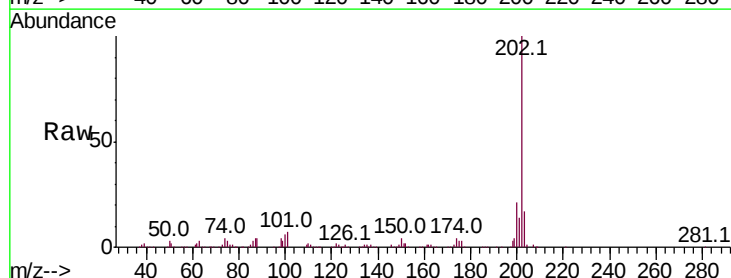
Instrument :
BNA_M
ClientSampleId :

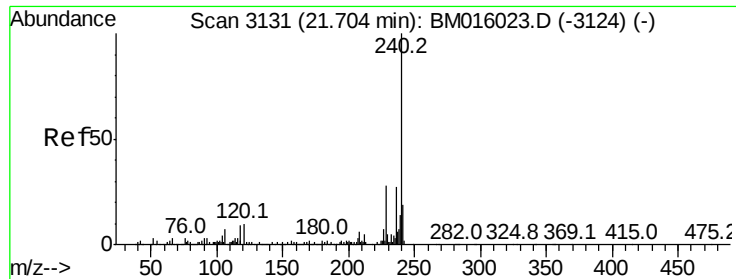
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.3	3.7	5.5



#74
Fluoranthene
Concen: 36.284 ng
RT: 19.54 min Scan# 2764
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	16.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

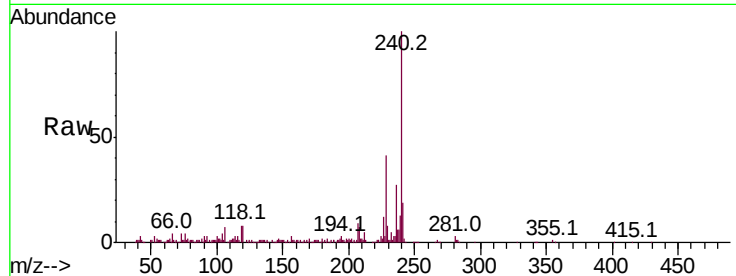
Tot Ion:240 Resp: 277384

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

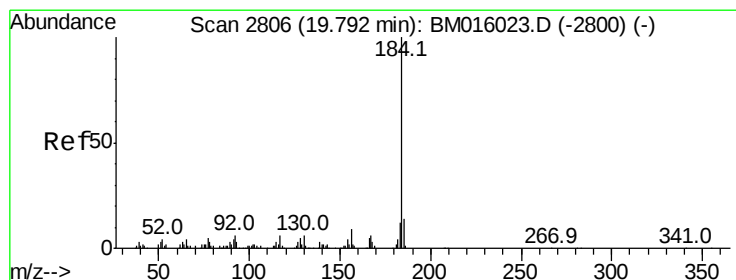
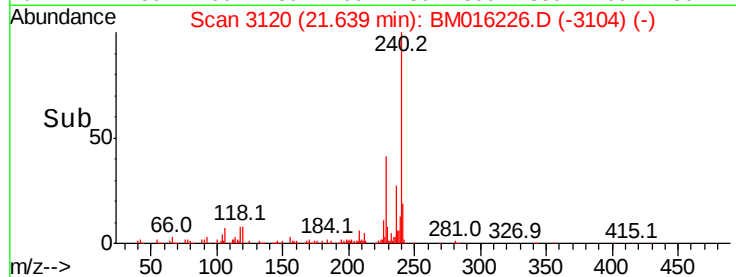
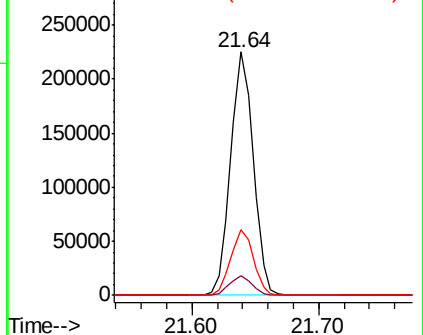
236 27.2 20.0 30.0



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: 28.168 ng

RT: 19.73 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

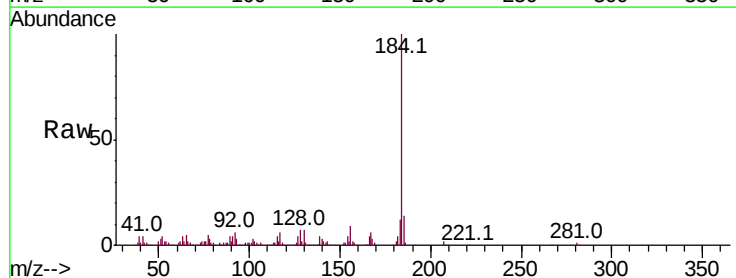
Tgt Ion:184 Resp: 218341

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

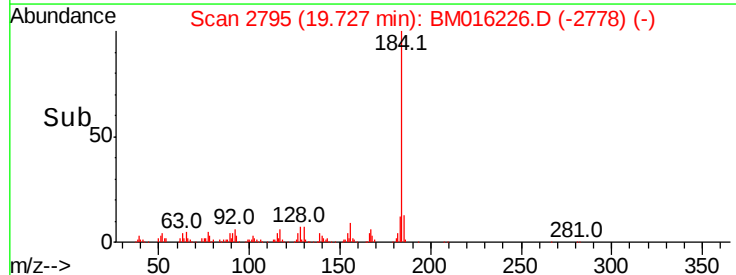
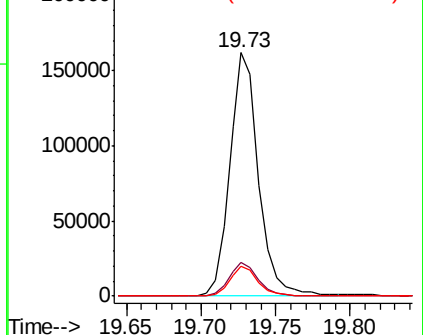
183 12.4 8.9 13.3

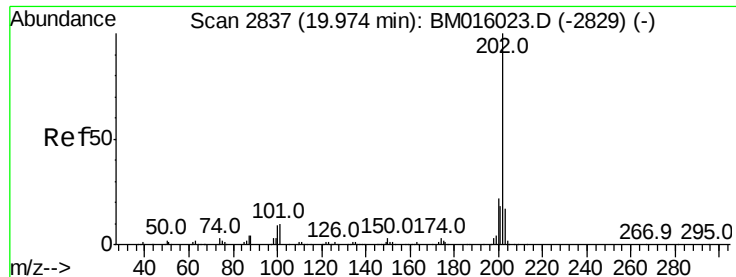


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

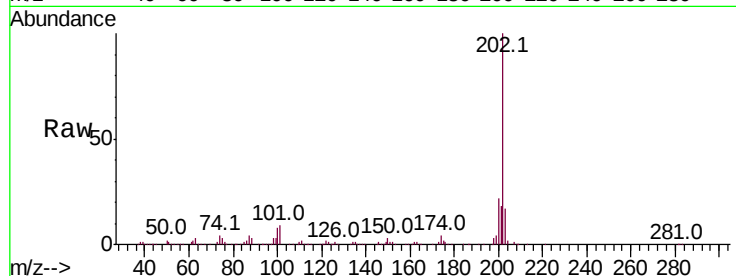




#77
Pvrene
Concen: 30.259 ng
RT: 19.90 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.2	14.1	21.1

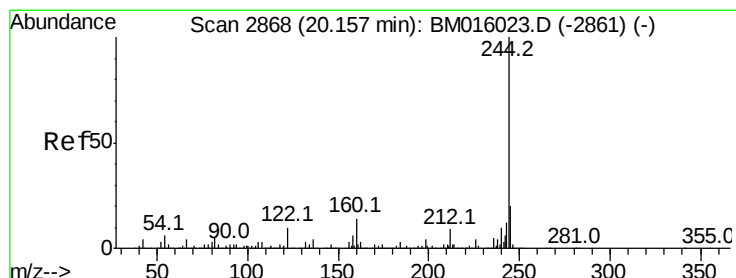
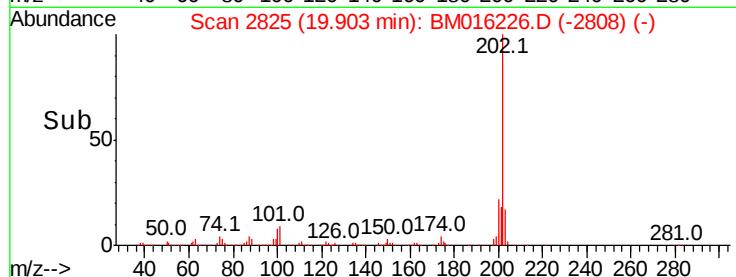
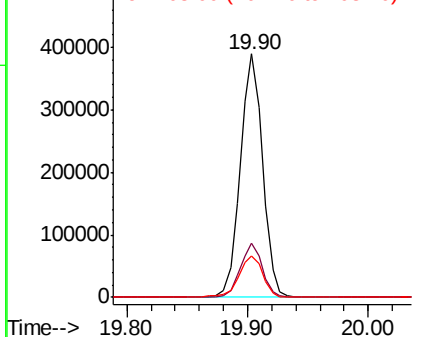


Abundance

Ion 202.00 (201.70 to 202.70): E

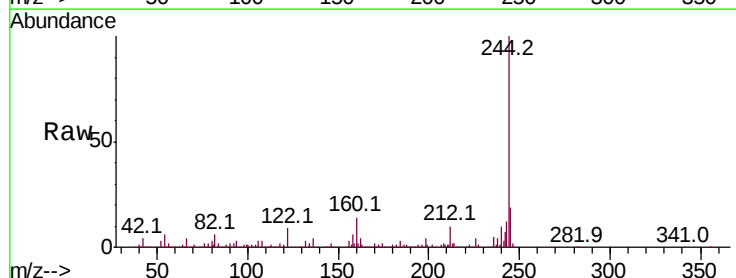
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 30.259 ng
RT: 20.09 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	8.7	6.2	9.4

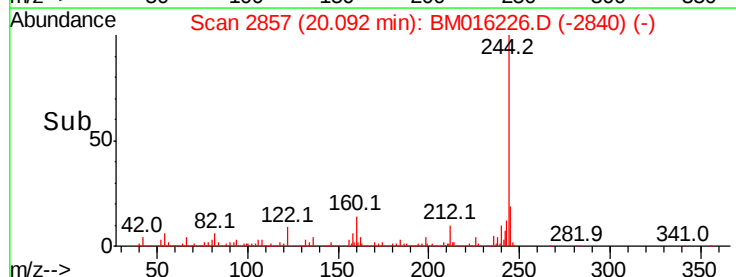
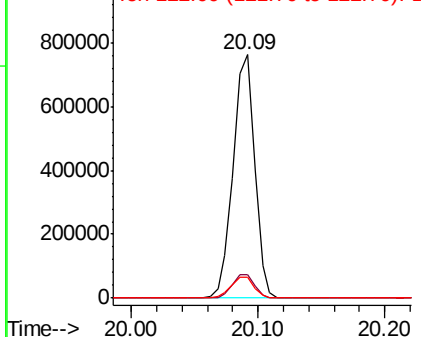


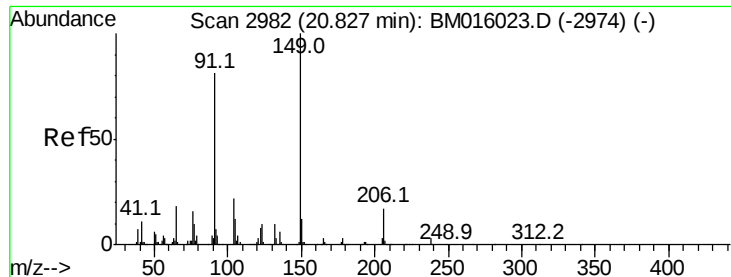
Abundance

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

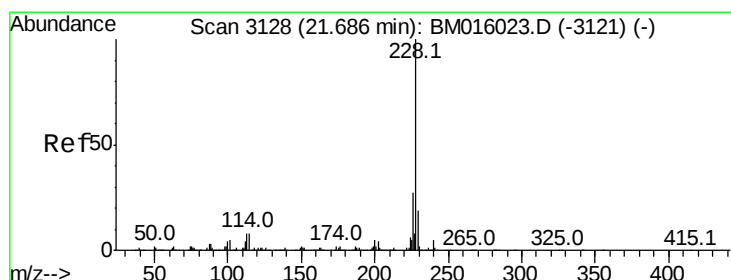
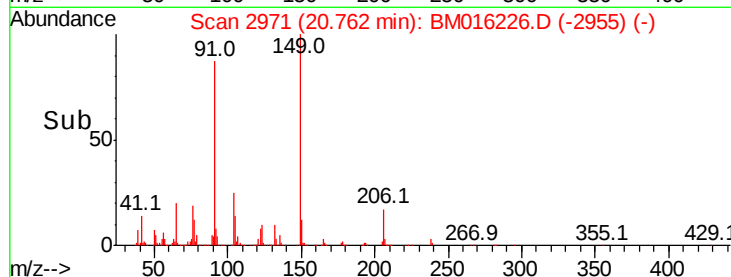
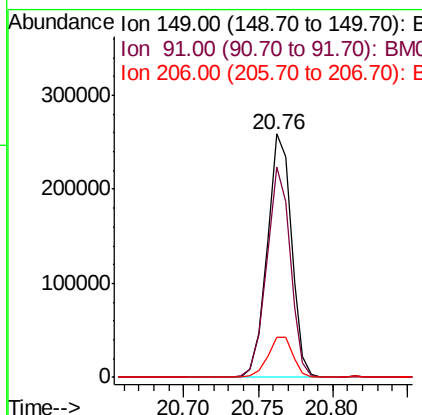
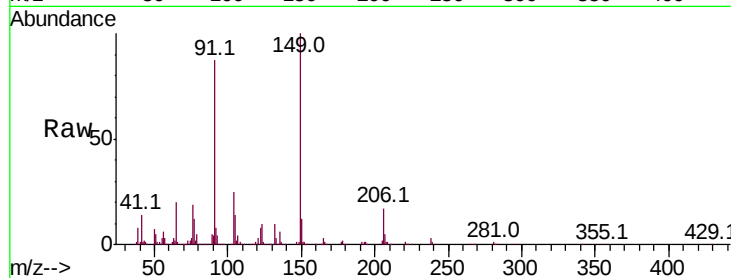




#79
Butylbenzylphthalate
Concen: 34.202 ng
RT: 20.76 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

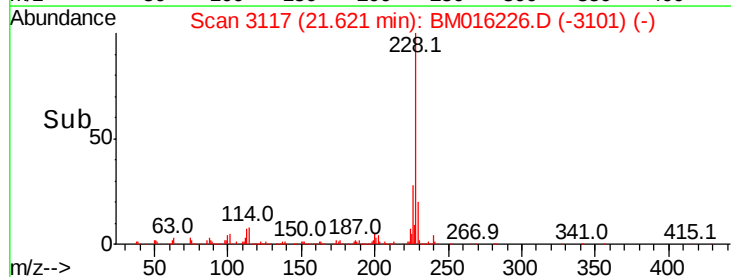
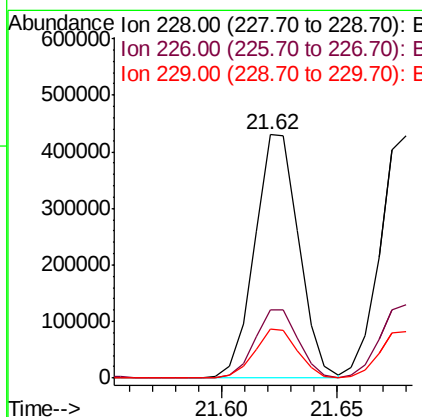
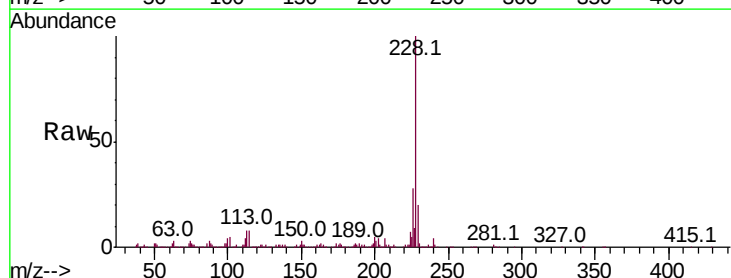
Instrument :
BNA_M
ClientSampleId :

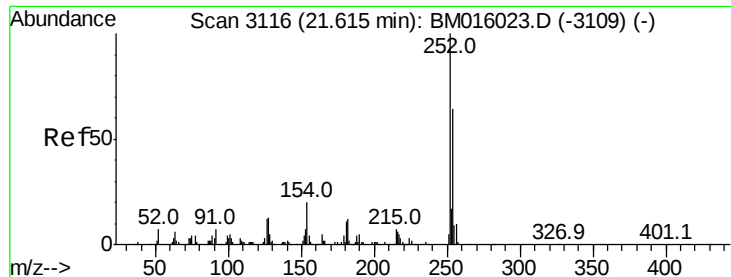
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.6	50.1	75.1#
206	16.6	16.2	24.2



#80
Benzo(a)anthracene
Concen: 33.391 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	20.3	16.0	24.0

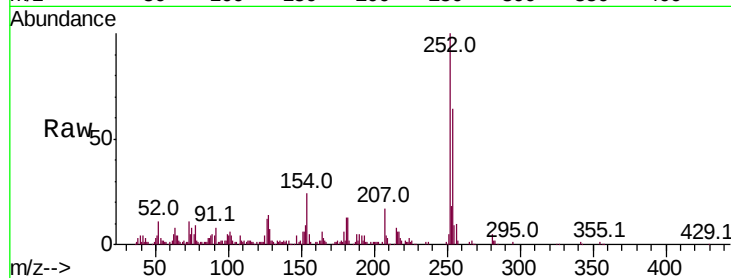




#81
 3,3'-Dichlorobenzidine
 Concen: 17.821 ng
 RT: 21.55 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	12.4	9.8	14.8

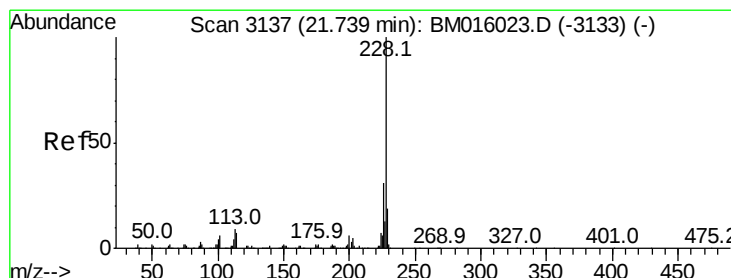
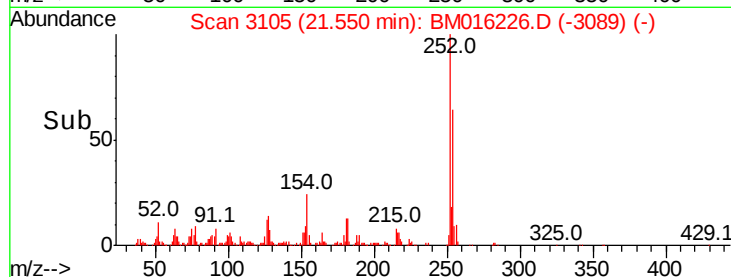
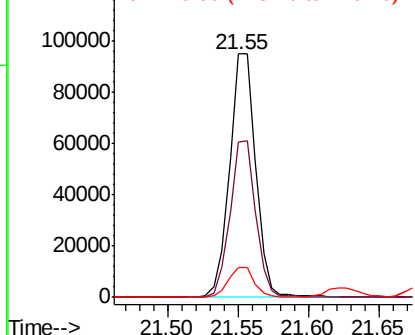


Abundance

Ion 252.00 (251.70 to 252.70): E

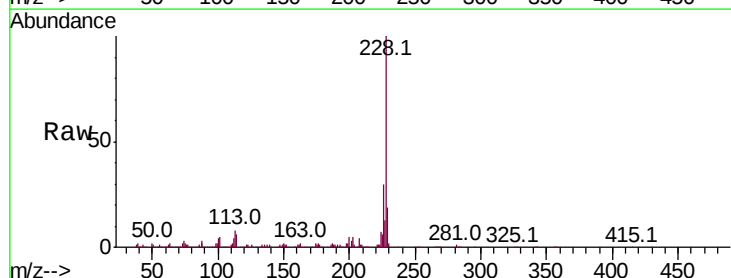
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 32.069 ng
 RT: 21.68 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.4	15.5	23.3

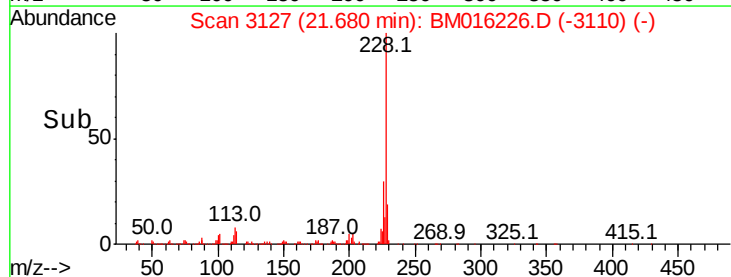
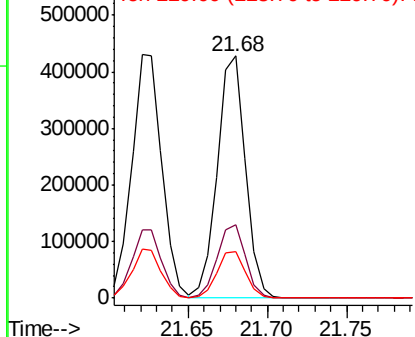


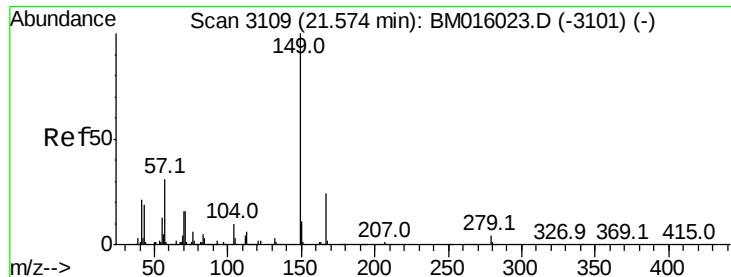
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.580 ng

RT: 21.52 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

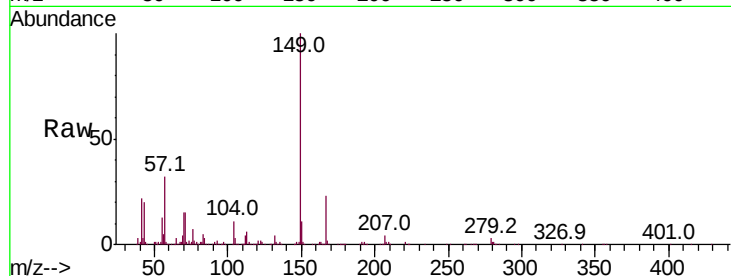
Tot Ion:149 Resp: 423203

Ion Ratio Lower Upper

149 100

167 23.3 22.4 33.6

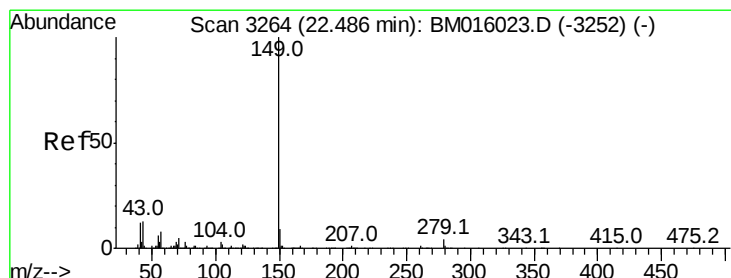
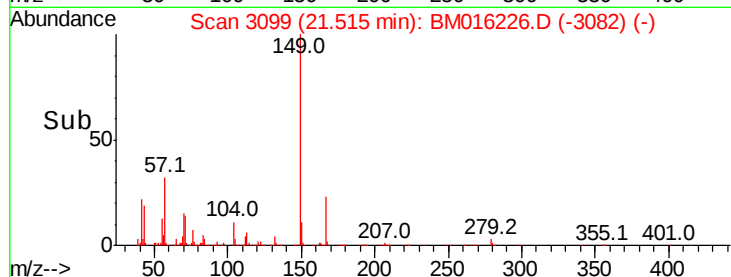
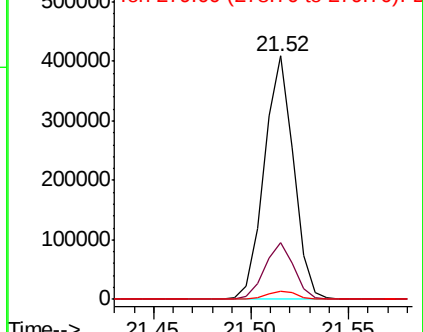
279 3.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.221 ng

RT: 22.42 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

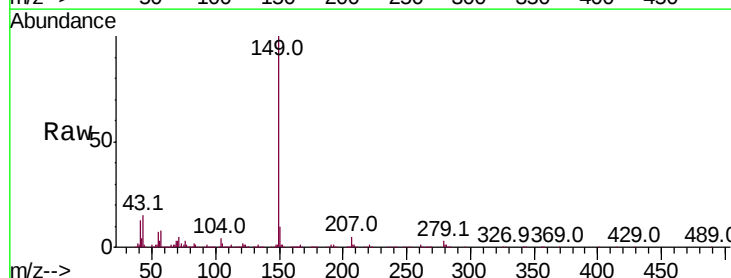
Tgt Ion:149 Resp: 745024

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

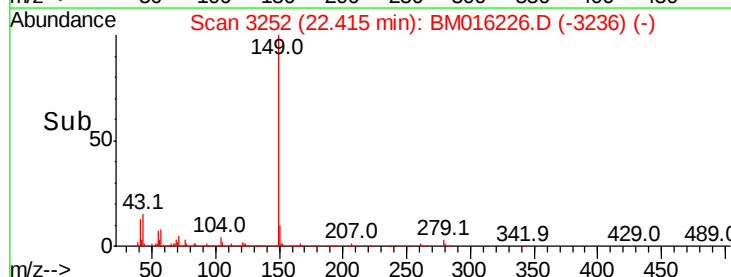
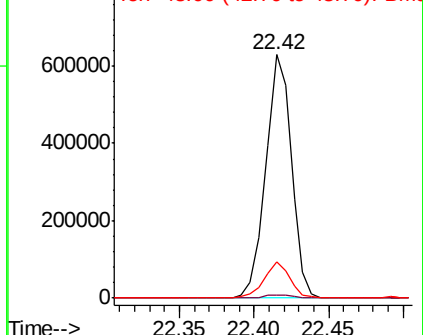
43 14.4 7.3 10.9#

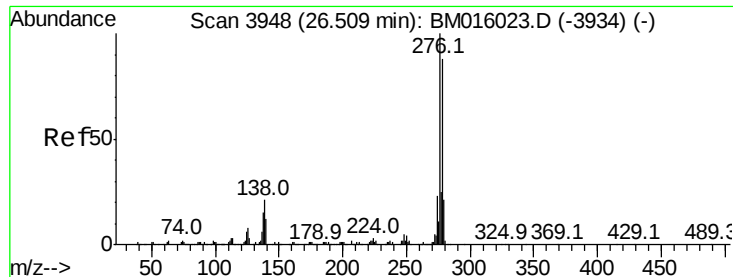


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

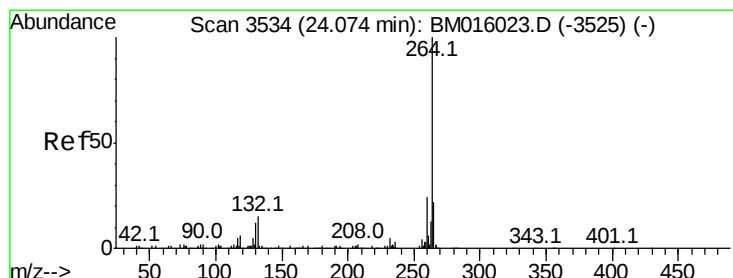
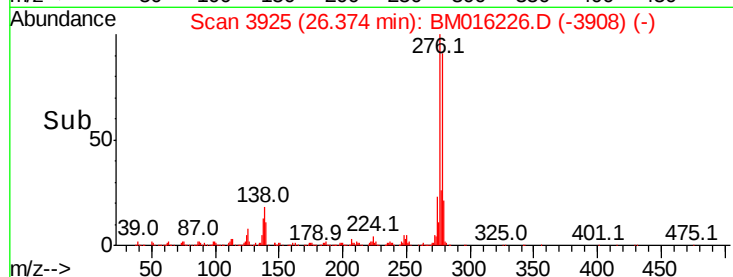
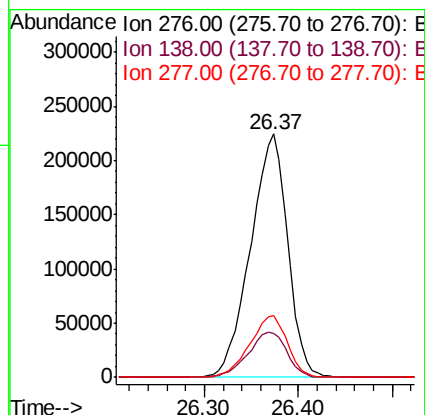
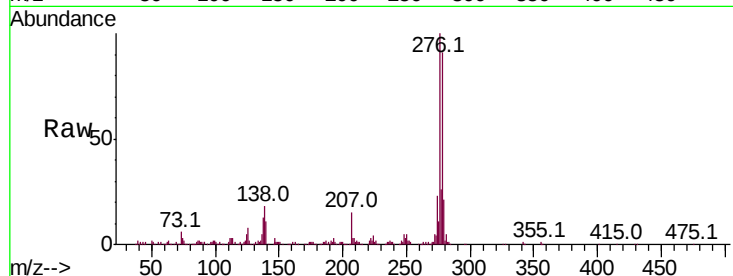




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.576 ng
 RT: 26.37 min Scan# 3925
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

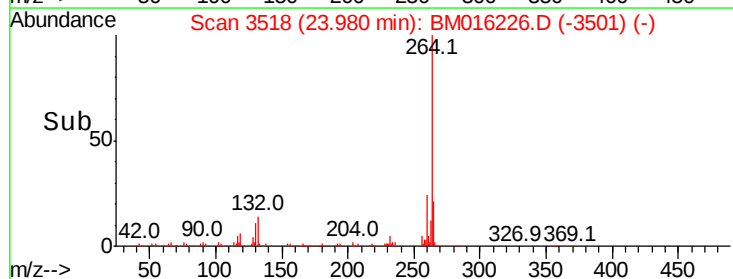
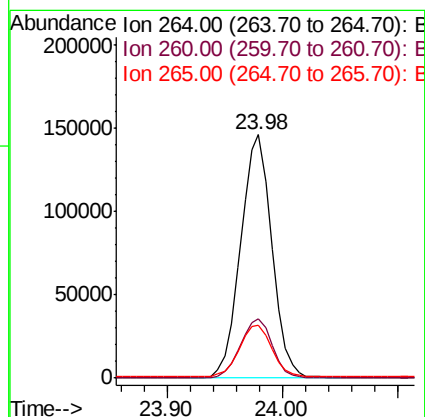
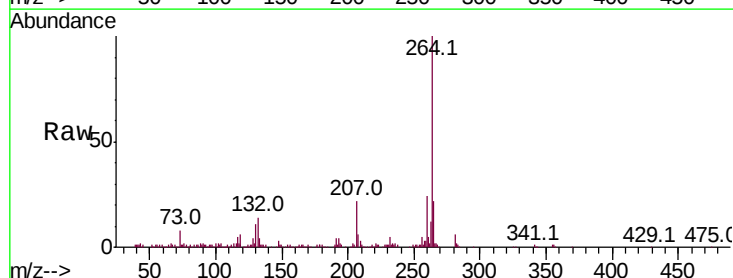
Instrument :
 BNA_M
 ClientSampleId :

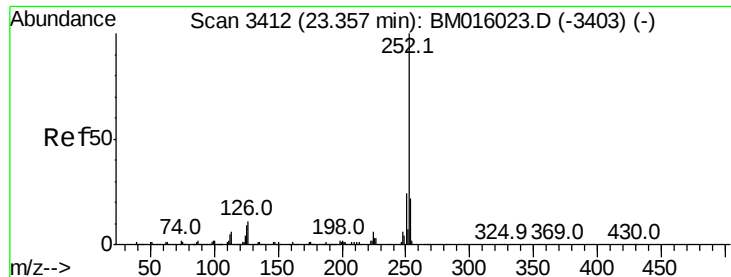
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.0	18.0#
277	25.5	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.98 min Scan# 3518
 Delta R.T. -0.00 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.959 ng

RT: 23.27 min Scan# 3398

Delta R.T. -0.00 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

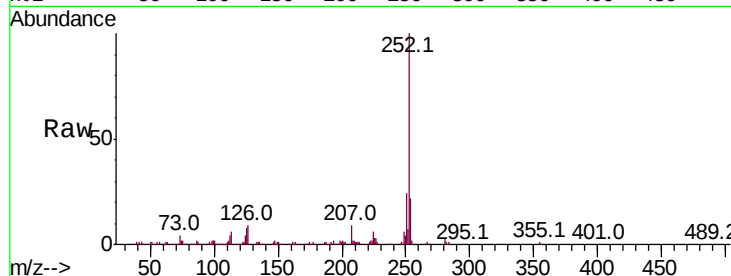
Tot Ion:252 Resp: 565596

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

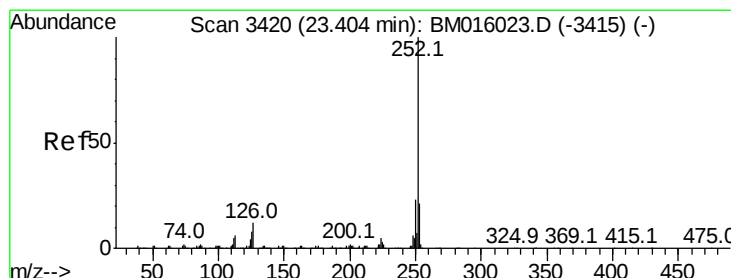
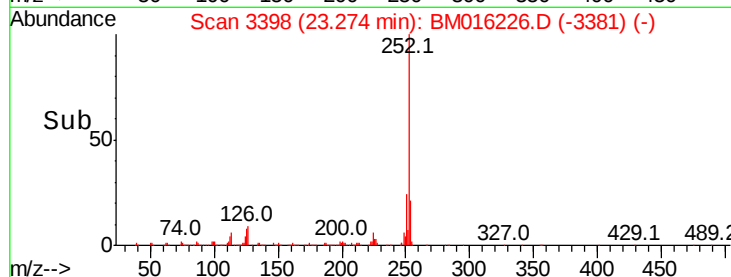
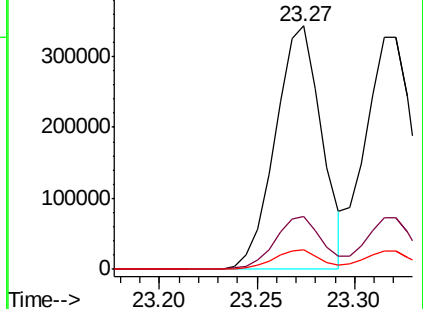
125 7.9 9.9 14.9#



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: 34.186 ng

RT: 23.31 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BM016226.D

Acq: 07 Aug 2018 20:53

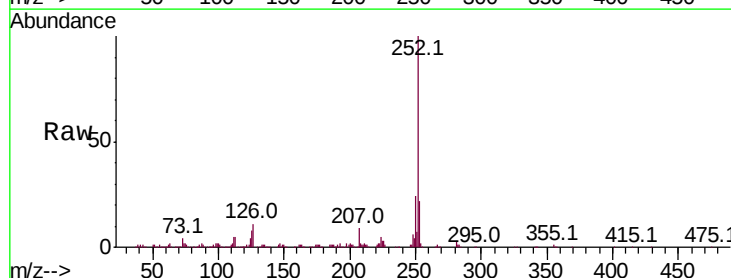
Tgt Ion:252 Resp: 560528

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

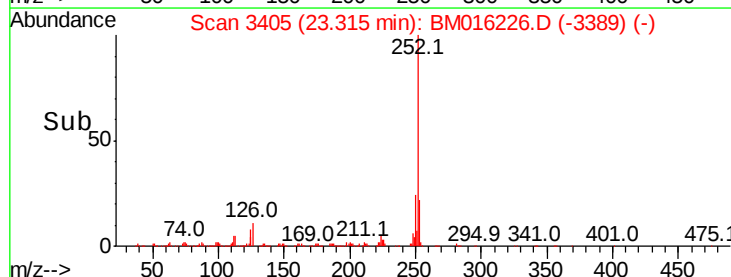
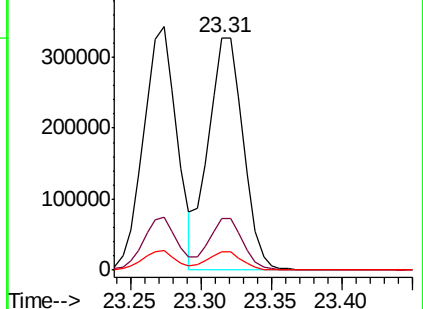
125 7.8 8.1 12.1#

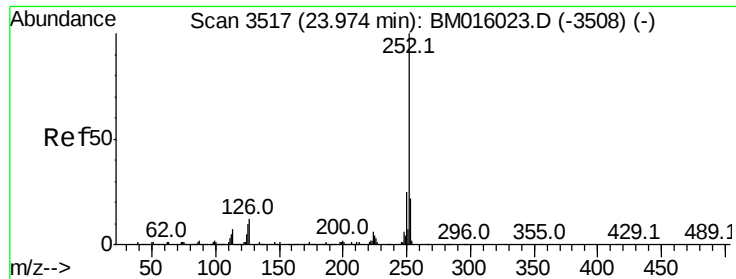


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

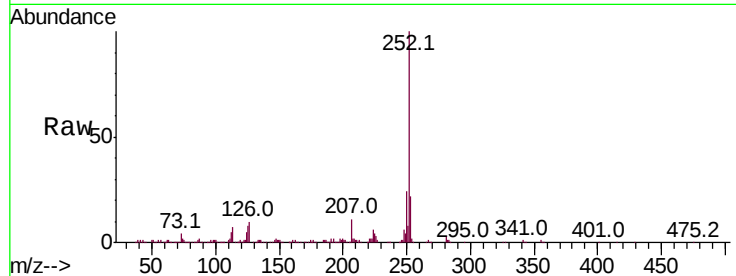




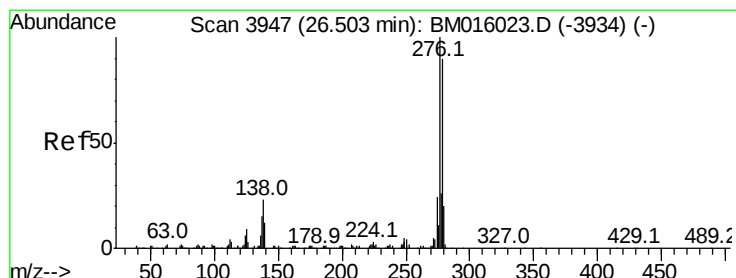
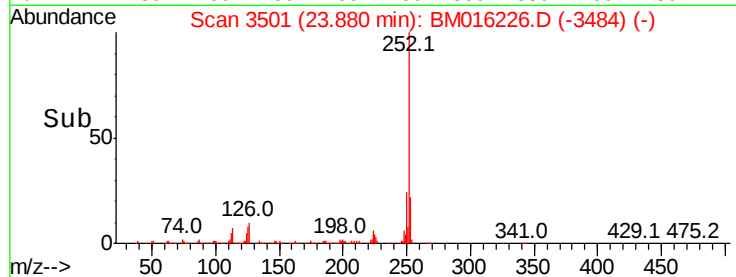
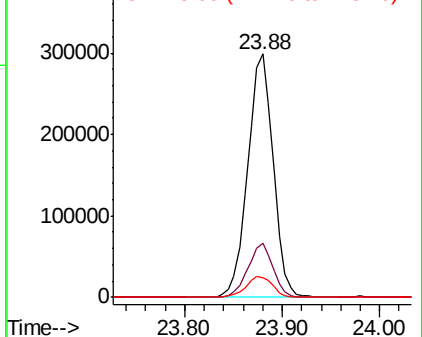
#89
Benzo(a)pyrene
Concen: 34.957 ng
RT: 23.88 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.3	7.4	11.2

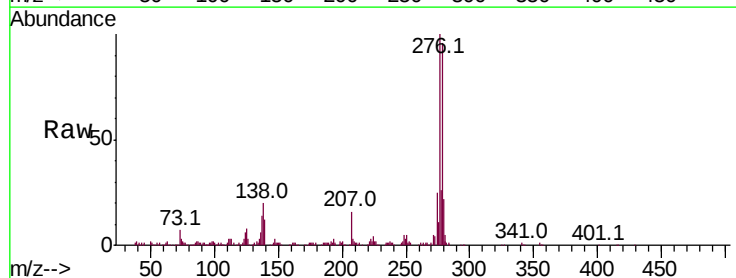


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

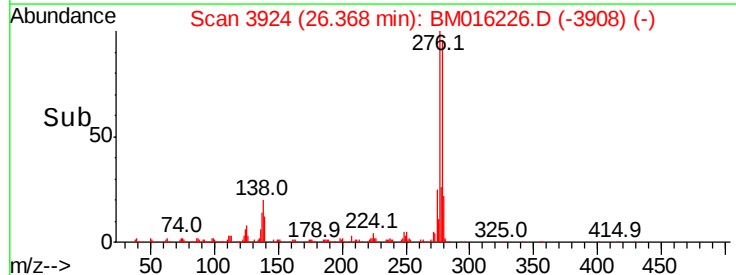
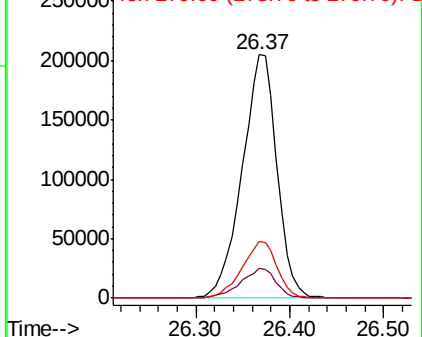


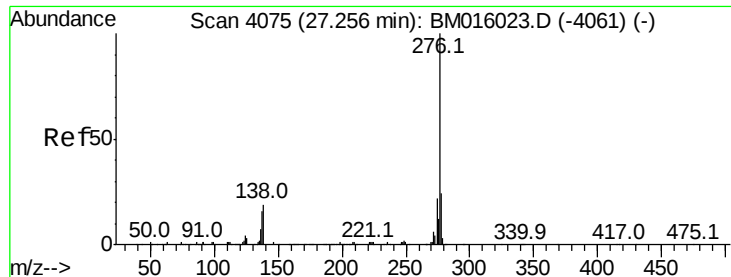
#90
Dibenzo(a,h)anthracene
Concen: 32.590 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016226.D
Acq: 07 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	13.4	20.0#
279	23.3	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

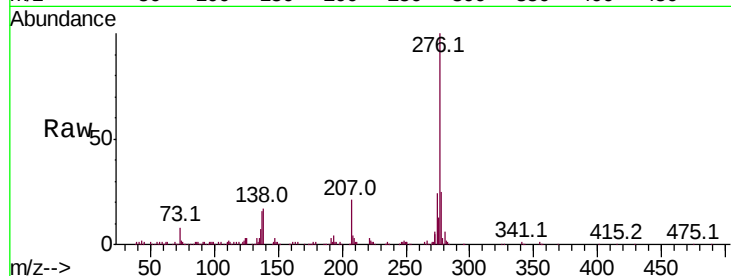




#91
 Benzo(a,h,i)perylene
 Concen: 30.761 ng
 RT: 27.10 min Scan# 4049
 Delta R.T. -0.01 min
 Lab File: BM016226.D
 Acq: 07 Aug 2018 20:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	16.8	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

