

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016368.D
 Acq On : 15 Aug 2018 01:05
 Operator : SJ/JU
 Sample : PB112011BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Quant Time: Aug 15 11:32:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	25864	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	111437	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	62041	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	136165	20.00	ng	0.00
75) Chrysene-d12	21.62	240	133669	20.00	ng	0.00
86) Perylene-d12	23.94	264	111475	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	151510	97.31	ng	0.00
7) Phenol-d6	7.29	99	189158	93.03	ng	0.00
23) Nitrobenzene-d5	9.30	82	192919	80.52	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	73394	93.27	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	437722	85.85	ng	0.00
78) Terphenyl-d14	20.07	244	694312	108.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	28879	39.587	ng	# 100
3) Pyridine	3.87	79	64523	36.715	ng	# 72
4) n-Nitrosodimethylamine	3.79	42	74077	54.042	ng	# 29
6) Aniline	7.45	93	74912	31.997	ng	# 89
8) 2-Chlorophenol	7.67	128	80814	43.671	ng	# 97
9) Benzaldehyde	7.26	77	35889	25.121	ng	# 81
10) Phenol	7.31	94	86663	42.623	ng	# 91
11) bis(2-Chloroethyl)ether	7.54	93	61549	38.318	ng	# 89
12) 1,3-Dichlorobenzene	7.99	146	84116	38.833	ng	# 81
13) 1,4-Dichlorobenzene	8.15	146	87357	39.765	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	84408	39.268	ng	# 91
15) Benzyl Alcohol	8.37	79	70709	43.672	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.63	45	84809	34.499	ng	# 95
17) 2-Methylphenol	8.57	107	64002	46.054	ng	# 78
18) Hexachloroethane	9.18	117	41719	43.933	ng	# 99
19) n-Nitroso-di-n-propylamine	8.93	70	60882	40.964	ng	# 70
20) 3+4-Methylphenols	8.90	107	83529	41.775	ng	# 82
22) Acetophenone	8.96	105	117313	41.808	ng	# 79
24) Nitrobenzene	9.35	77	100024	41.475	ng	# 94
25) Isophorone	9.86	82	159549	48.684	ng	# 90
26) 2-Nitrophenol	10.05	139	42068	41.786	ng	# 36
27) 2,4-Dimethylphenol	10.10	122	70762	50.451	ng	# 73
28) bis(2-Chloroethoxy)methane	10.33	93	88193	41.404	ng	# 98
29) 2,4-Dichlorophenol	10.59	162	76001	45.600	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	81976	40.481	ng	# 95
31) Naphthalene	10.97	128	234294	41.542	ng	# 99
32) Benzoic acid	10.30	122	47243	44.185	ng	# 69
33) 4-Chloroaniline	11.10	127	67299	29.241	ng	# 85
34) Hexachlorobutadiene	11.23	225	64344	45.807	ng	# 94
35) Caprolactam	11.93	113	19769	42.825	ng	# 94
36) 4-Chloro-3-methylphenol	12.23	107	84577	46.137	ng	# 84
37) 2-Methylnaphthalene	12.58	142	179527	47.518	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	98170	46.478	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	44319	46.320	ng	# 95

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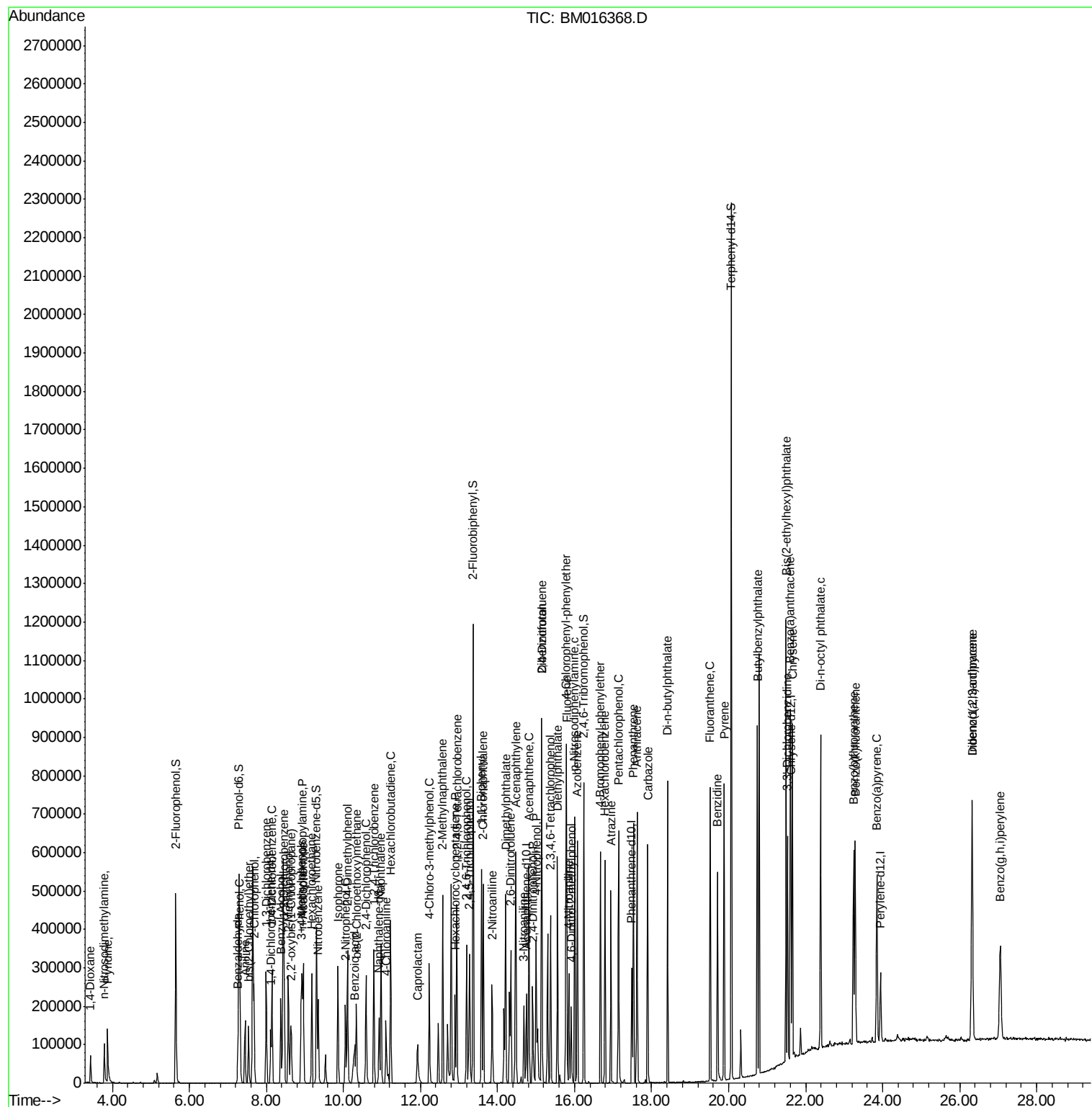
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	62732	47.471	nq	96
43) 2,4,5-Trichlorophenol	13.27	196	66158	48.535	nq #	80
45) 1,1'-Biphenyl	13.59	154	230028	41.083	nq	99
46) 2-Chloronaphthalene	13.63	162	178817	41.062	nq #	88
47) 2-Nitroaniline	13.86	65	63523	44.121	nq #	73
48) Acenaphthylene	14.47	152	292930	45.949	nq	98
49) Dimethylphthalate	14.21	163	244231	44.982	nq	99
50) 2,6-Dinitrotoluene	14.35	165	47404	43.392	nq #	45
51) Acenaphthene	14.82	154	164638	41.991	nq	96
52) 3-Nitroaniline	14.69	138	36767	31.159	nq #	78
53) 2,4-Dinitrophenol	14.91	184	38469	81.854	nq #	52
54) Dibenzofuran	15.15	168	281405	43.554	nq #	75
55) 4-Nitrophenol	15.00	139	66626	78.766	nq #	88
56) 2,4-Dinitrotoluene	15.15	165	73809	47.251	nq #	65
57) Fluorene	15.80	166	225989	47.069	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	58213	49.685	nq #	100
59) Diethylphthalate	15.56	149	269556	46.060	nq	94
60) 4-Chlorophenyl-phenylether	15.78	204	120596	45.120	nq #	82
61) 4-Nitroaniline	15.85	138	44676	39.462	nq #	1
62) Azobenzene	16.07	77	296369	48.086	nq #	72
64) 4,6-Dinitro-2-methylphenol	15.91	198	30316	36.681	nq #	78
65) n-Nitrosodiphenylamine	16.00	169	191211	42.646	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	70700	45.854	nq #	73
67) Hexachlorobenzene	16.79	284	69054	40.669	nq #	57
68) Atrazine	16.94	200	76070	47.337	nq	97
69) Pentachlorophenol	17.14	266	72814	69.253	nq	98
70) Phenanthrene	17.53	178	336342	44.120	nq	98
71) Anthracene	17.62	178	346798	46.807	nq	99
72) Carbazole	17.90	167	297849	38.805	nq #	96
73) Di-n-butylphthalate	18.42	149	456344	47.712	nq #	96
74) Fluoranthene	19.52	202	387467	45.565	nq	97
76) Benzidine	19.71	184	234456	62.768	nq	98
77) Pyrene	19.89	202	390134	48.704	nq	99
79) Butylbenzylphthalate	20.74	149	214217	52.642	nq #	79
80) Benzo(a)anthracene	21.60	228	375236	45.578	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	111751	33.700	nq	99
82) Chrysene	21.66	228	340198	43.077	nq	98
83) Bis(2-ethylhexyl)phthalate	21.49	149	309203	52.430	nq	93
84) Di-n-octyl phthalate	22.39	149	479549	48.381	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.33	276	367067	39.168	nq	98
87) Benzo(b)fluoranthene	23.24	252	319144	48.625	nq #	94
88) Benzo(k)fluoranthene	23.29	252	297870	44.781	nq #	97
89) Benzo(a)pyrene	23.85	252	296056	46.921	nq #	97
90) Dibenzo(a,h)anthracene	26.32	278	307909	47.101	nq #	93
91) Benzo(g,h,i)perylene	27.06	276	286525	46.341	nq #	89

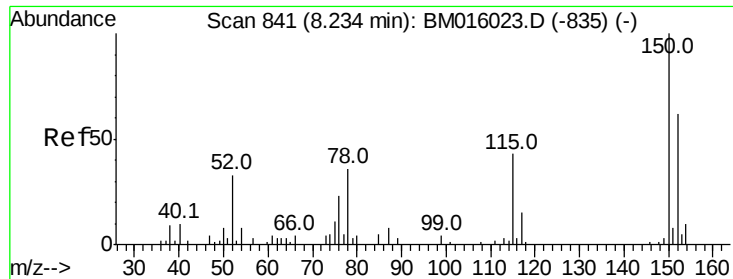
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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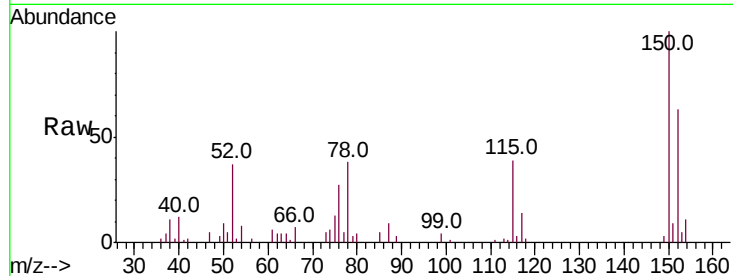


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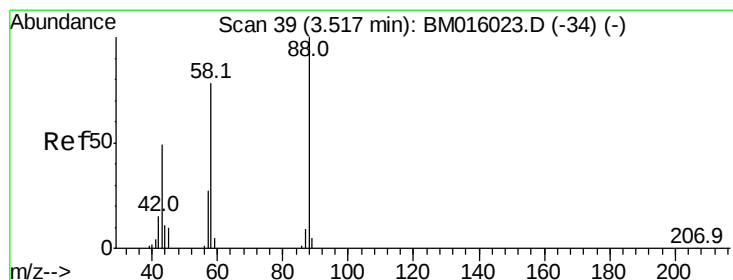
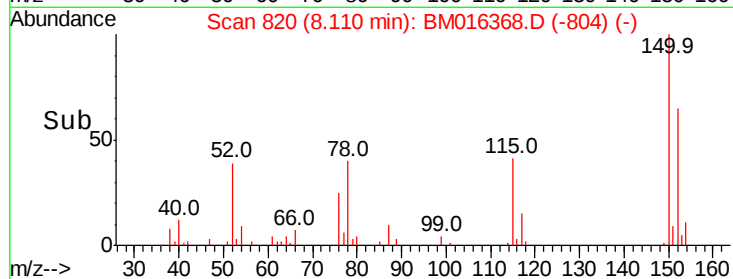
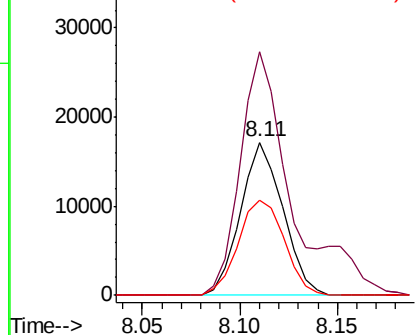
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:152 Resp: 25864
Ion Ratio Lower Upper
152 100
150 159.3 119.5 179.3
115 62.3 43.0 64.4



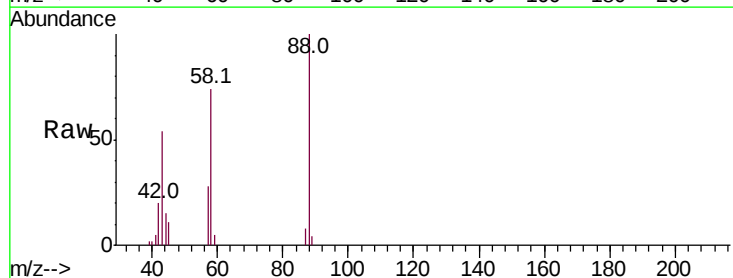
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



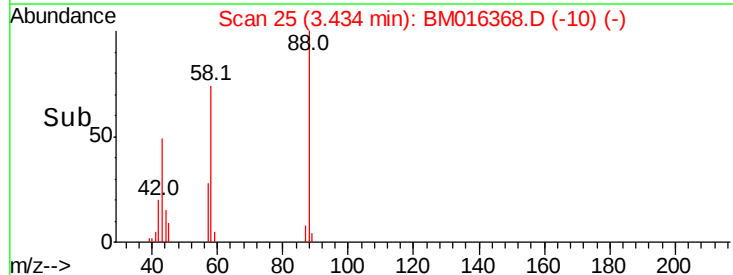
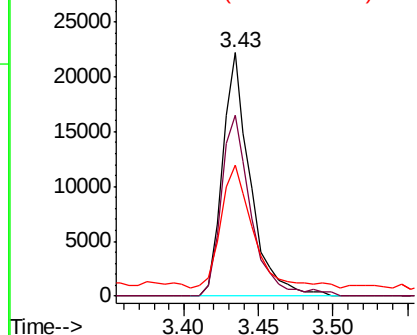
#2

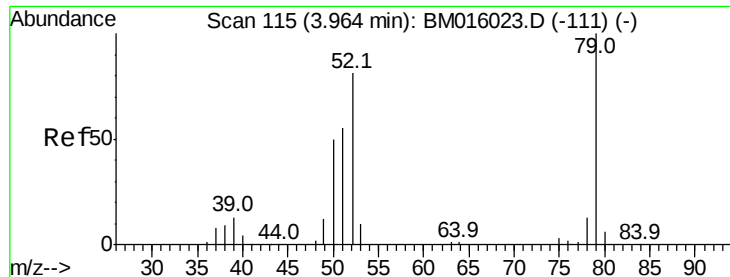
1,4-Dioxane
Concen: 39.587 ng
RT: 3.43 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion: 88 Resp: 28879
Ion Ratio Lower Upper
88 100
58 80.5 0.0 0.0#
43 57.9 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: 36.715 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

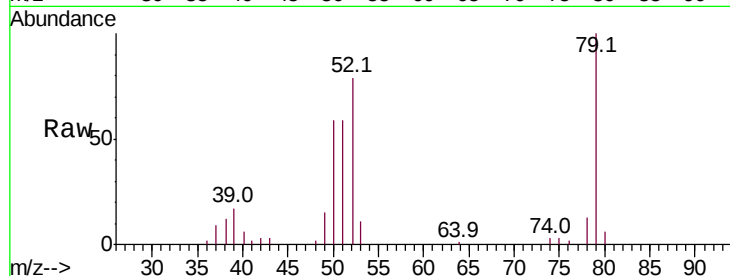
Tot Ion: 79 Resp: 64523

Ion Ratio Lower Upper

79 100

52 78.5 51.1 76.7#

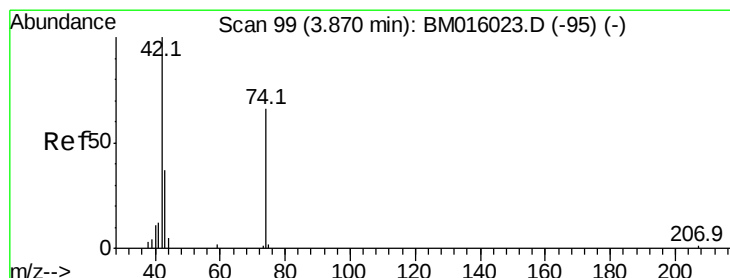
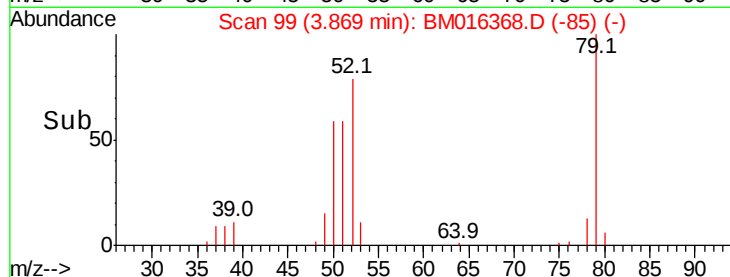
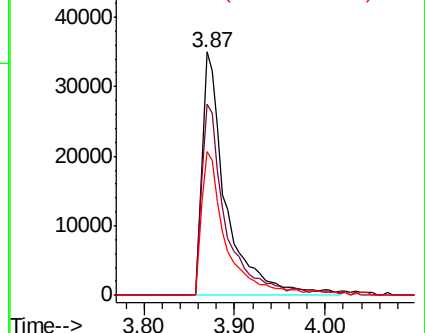
51 59.3 26.1 39.1#



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: 54.042 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

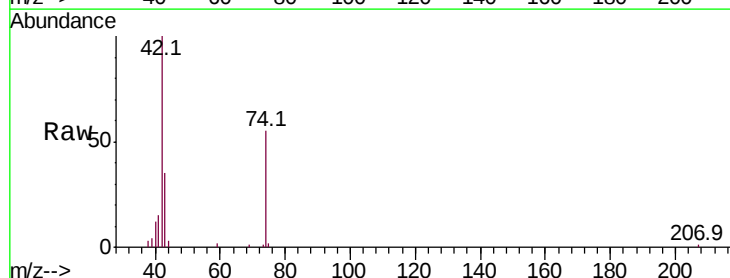
Tgt Ion: 42 Resp: 74077

Ion Ratio Lower Upper

42 100

74 55.4 119.3 178.9#

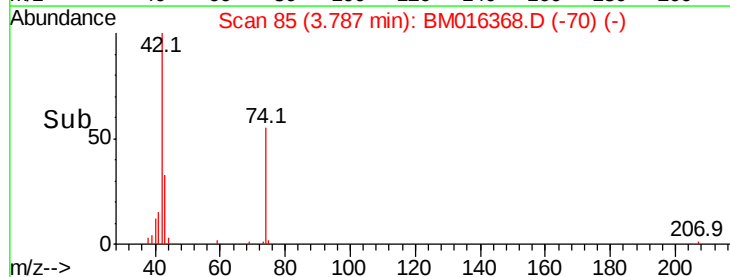
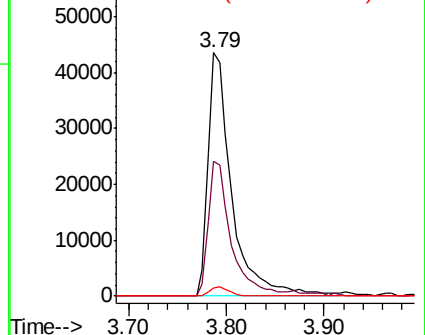
44 3.4 5.4 8.2#

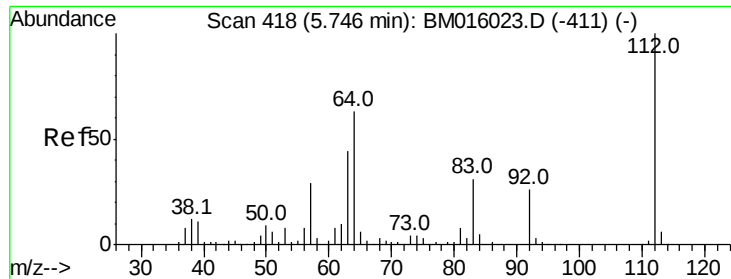


Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

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: 54.042 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

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ClientSampleId :

PB112011BS

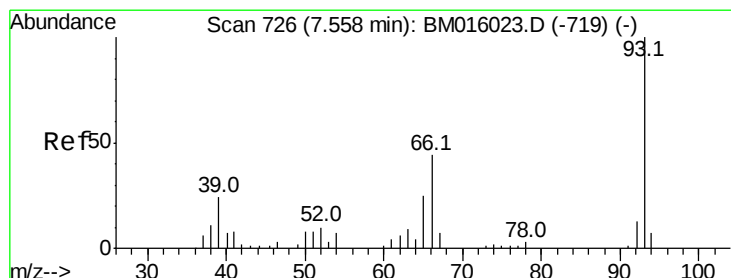
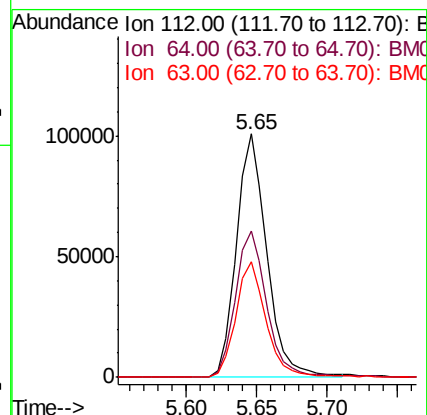
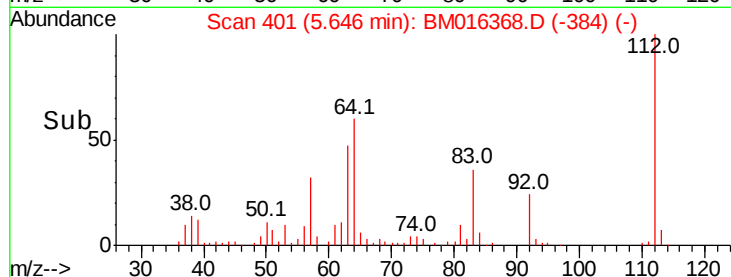
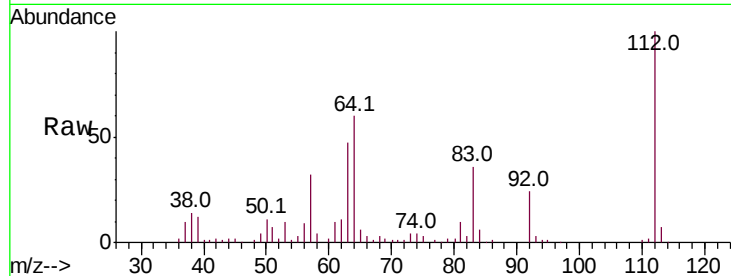
Tot Ion:112 Resp: 151510

Ion Ratio Lower Upper

112 100

64 60.0 38.6 57.8#

63 47.5 19.3 28.9#



#6

Aniline

Concen: 31.997 ng

RT: 7.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

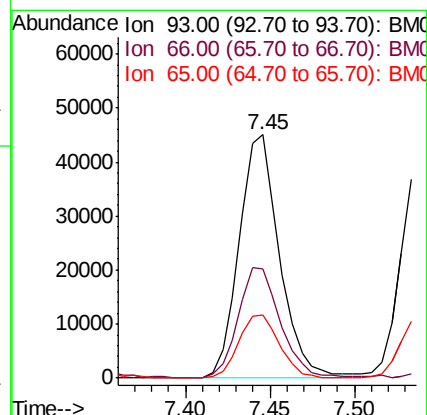
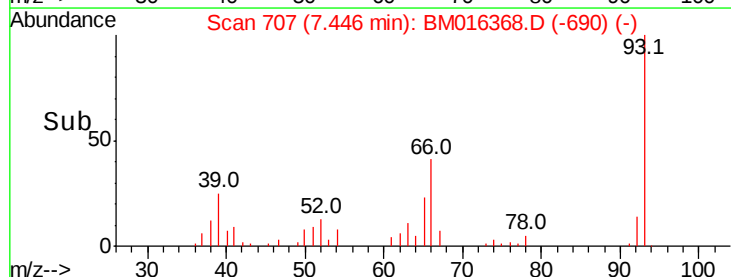
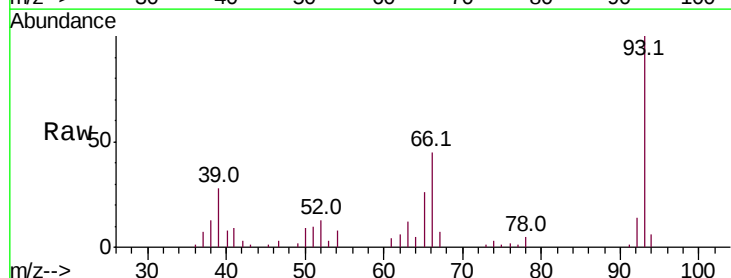
Tgt Ion: 93 Resp: 74912

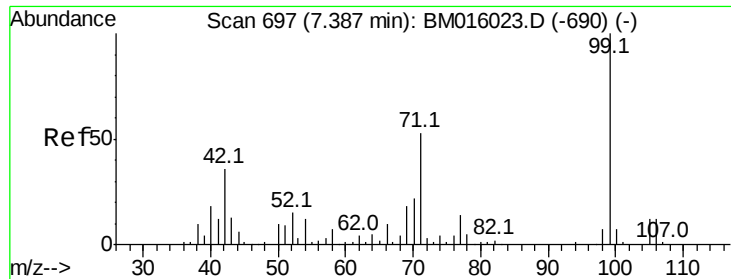
Ion Ratio Lower Upper

93 100

66 44.6 30.8 46.2

65 26.1 16.0 24.0#





#7

Phenol-d6

Concen: 31.997 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

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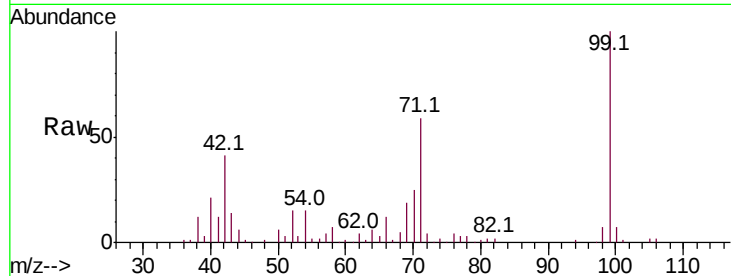
Tot Ion: 99 Resp: 189158

Ion Ratio Lower Upper

99 100

42 41.5 11.0 16.4#

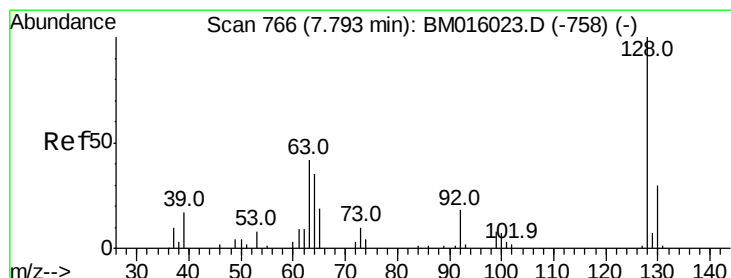
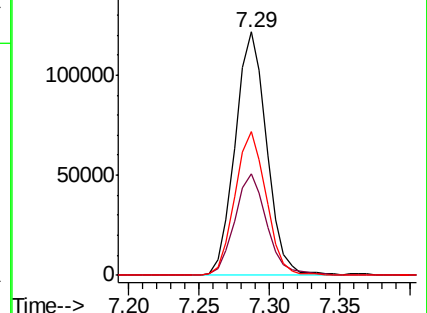
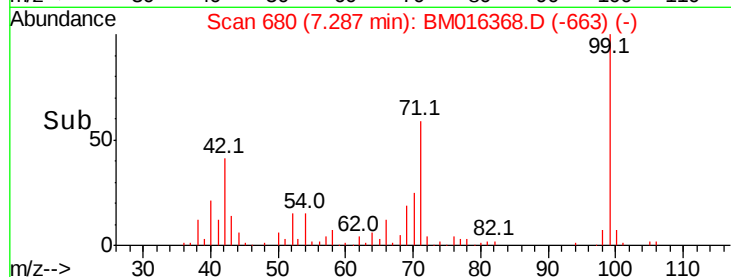
71 58.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016368.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016368.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016368.D (-690) (-)



#8

2-Chlorophenol

Concen: 43.671 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

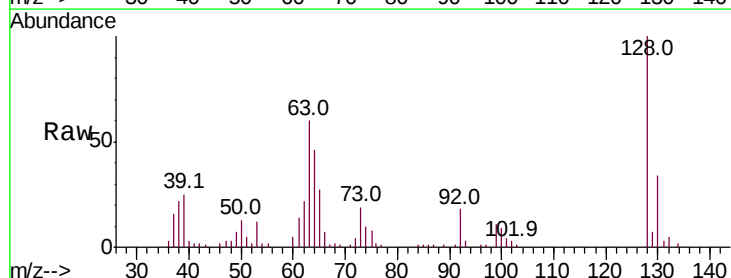
Tgt Ion: 128 Resp: 80814

Ion Ratio Lower Upper

128 100

130 34.1 12.0 52.0

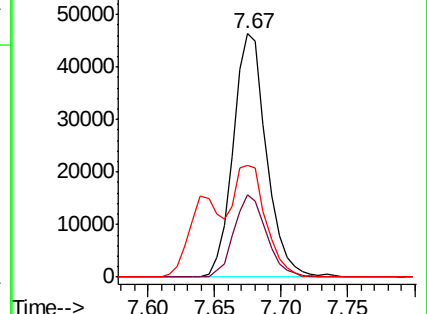
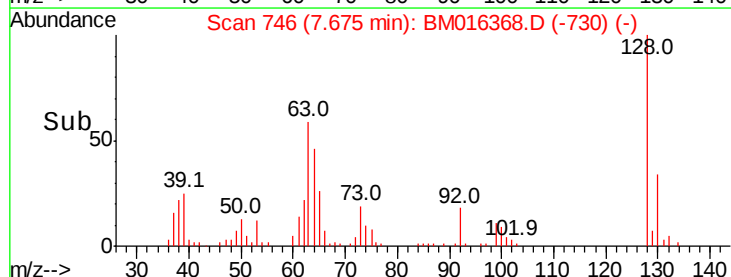
64 46.0 24.9 64.9

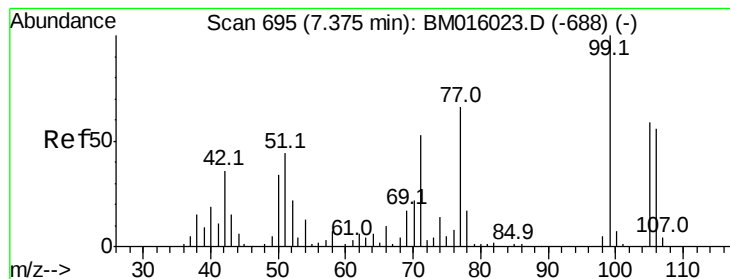


Abundance Ion 128.00 (127.70 to 128.70): BM016368.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016368.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016368.D (-730) (-)





#9

Benzaldehyde

Concen: 25.121 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

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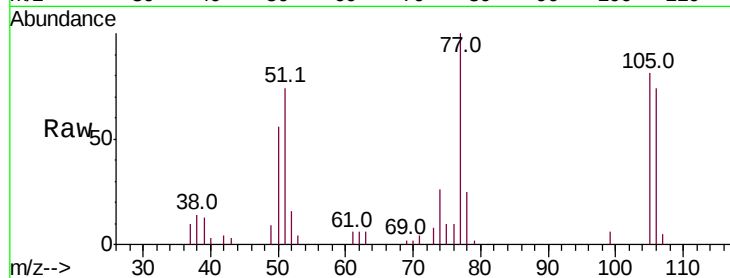
Tot Ion: 77 Resp: 35889

Ion Ratio Lower Upper

77 100

105 80.6 78.8 118.8

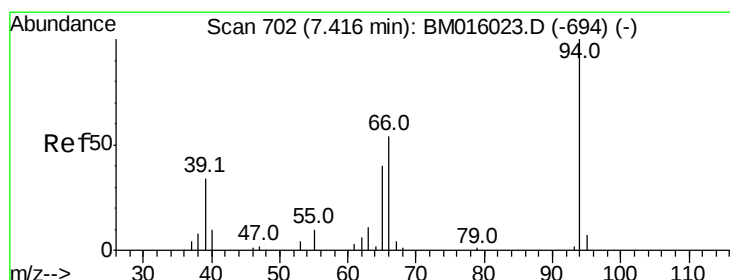
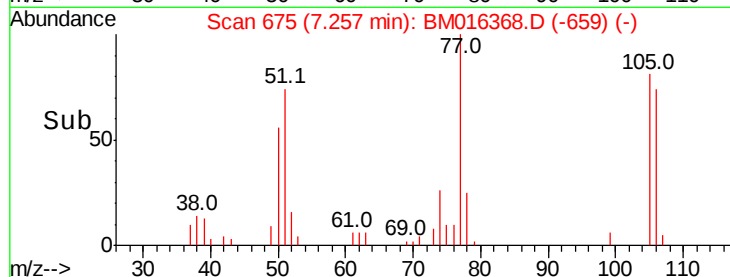
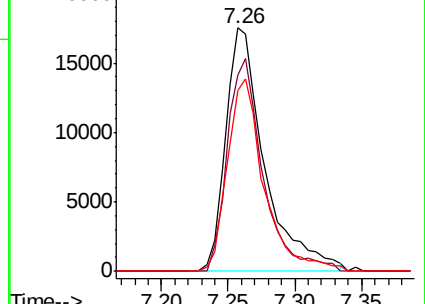
106 74.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016368.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016368.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016368.D (-688) (-)



#10

Phenol

Concen: 42.623 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

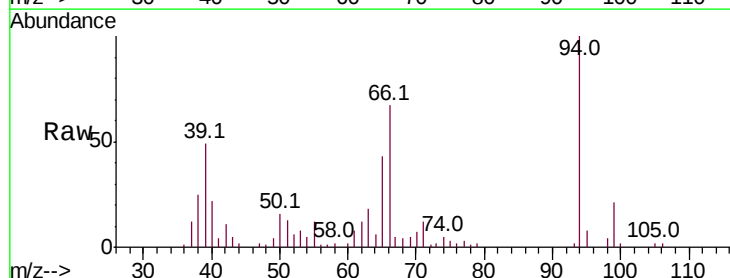
Tgt Ion: 94 Resp: 86663

Ion Ratio Lower Upper

94 100

65 43.5 18.8 58.8

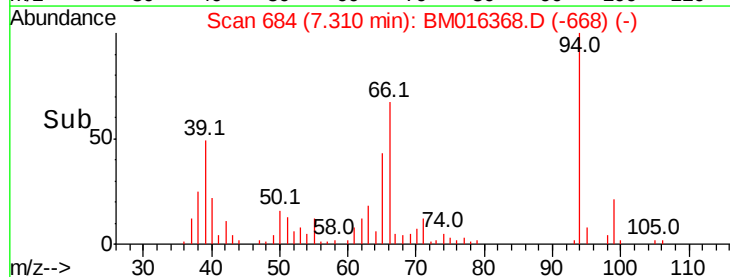
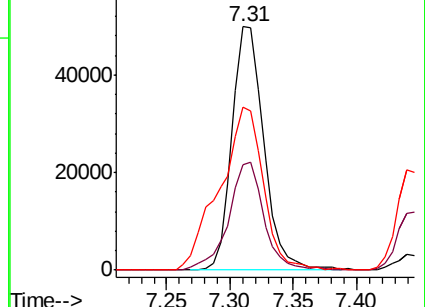
66 66.9 39.9 79.9

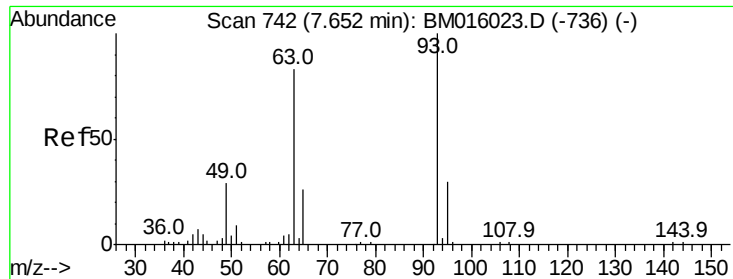


Abundance Ion 94.00 (93.70 to 94.70): BM016368.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016368.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016368.D (-668) (-)

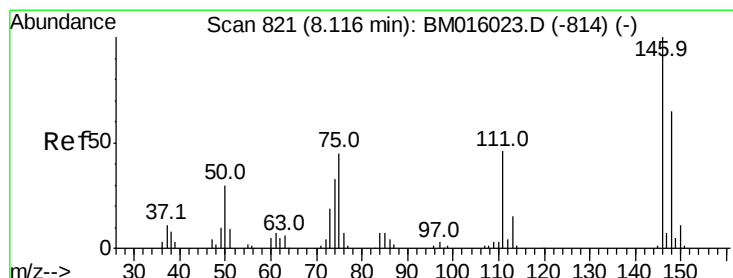
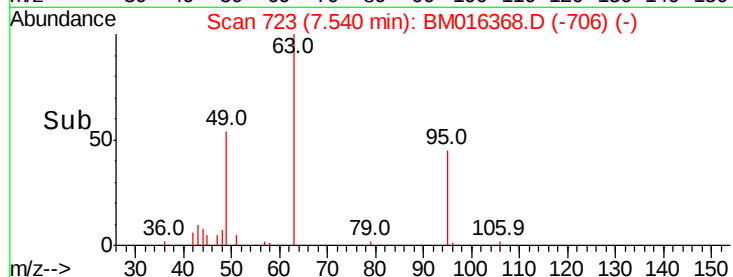
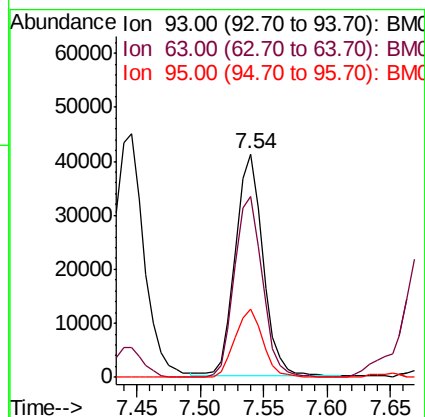
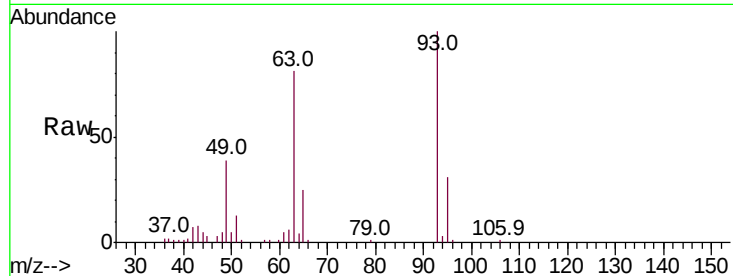




#11
bis(2-Chloroethyl)ether
Concen: 38.318 ng
RT: 7.54 min Scan# 723
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

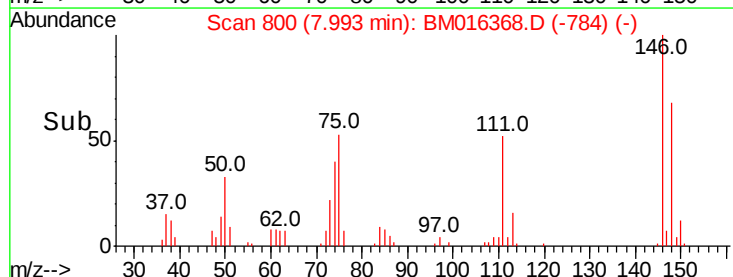
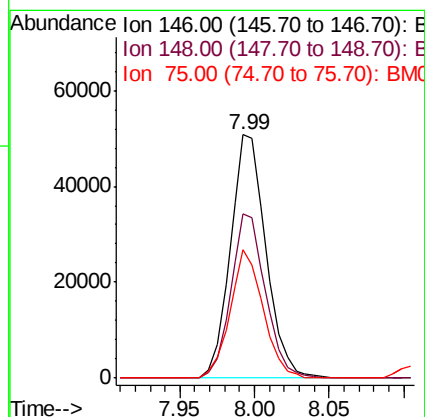
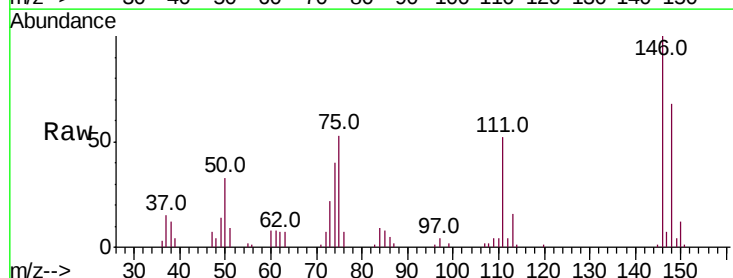
Instrument :
BNA_M
ClientSampleId :
PB112011BS

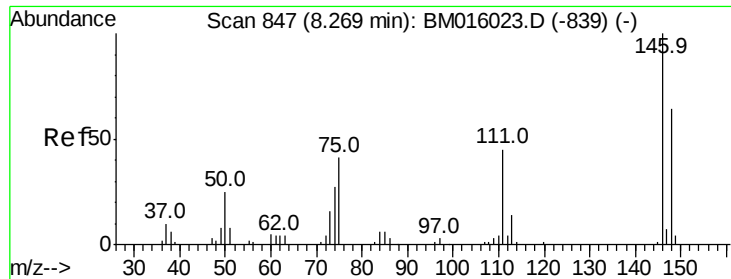
Tot Ion: 93 Resp: 61549
Ion Ratio Lower Upper
93 100
63 80.6 49.5 89.5
95 30.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 38.833 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion: 146 Resp: 84116
Ion Ratio Lower Upper
146 100
148 67.7 50.9 76.3
75 52.7 21.4 32.2#

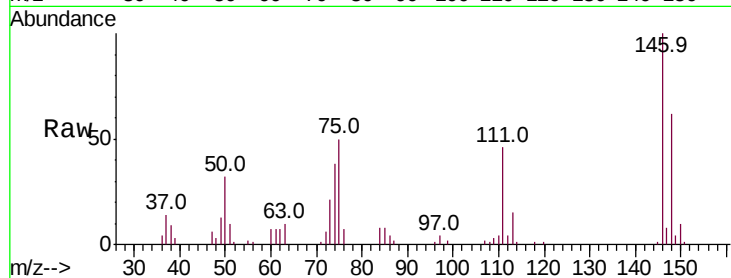




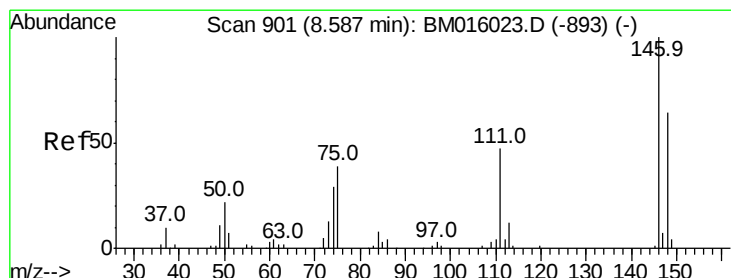
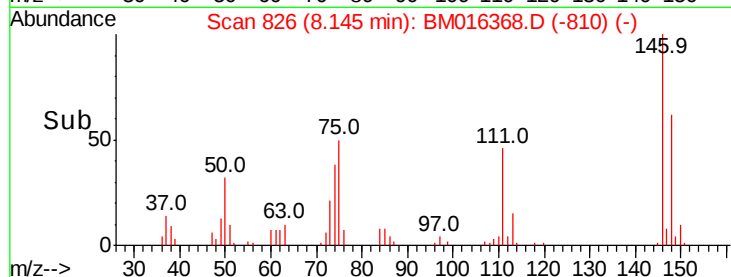
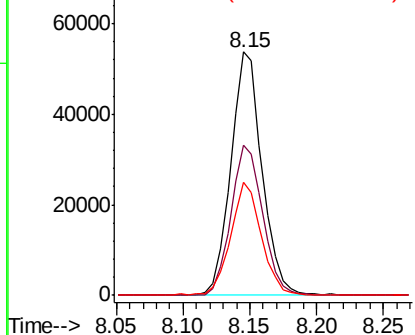
#13
 1,4-Dichlorobenzene
 Concen: 39.765 ng
 RT: 8.15 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:146 Resp: 87357
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.9 77.9
 111 46.4 29.2 43.8#

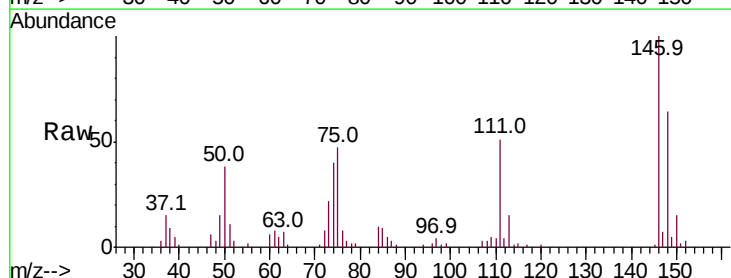


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

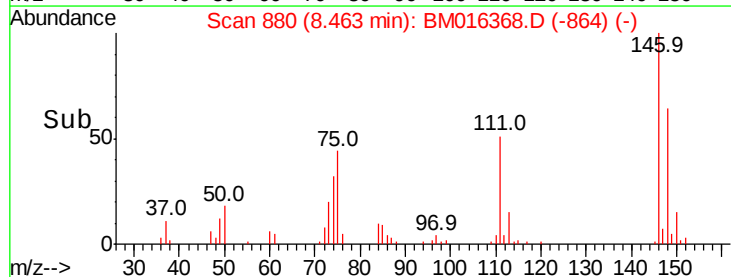
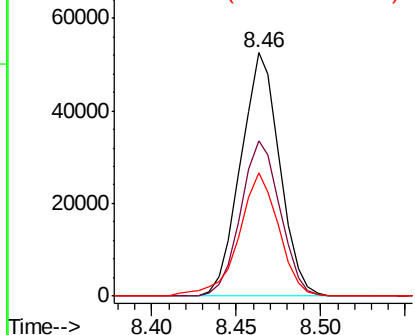


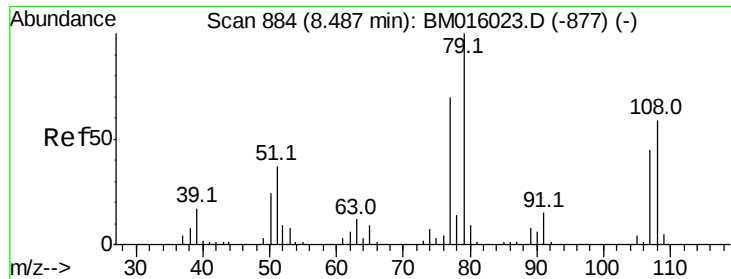
#14
 1,2-Dichlorobenzene
 Concen: 39.268 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:146 Resp: 84408
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 50.6 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: 43.672 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleID :

PB112011BS

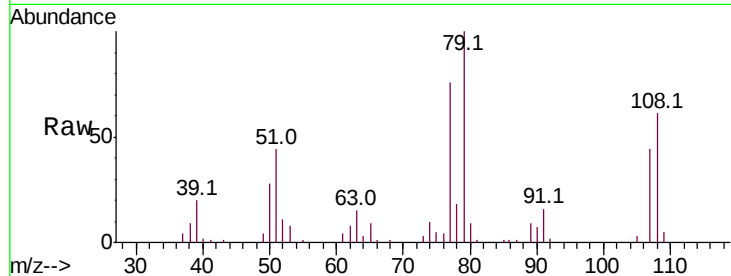
Tot Ion: 79 Resp: 70709

Ion Ratio Lower Upper

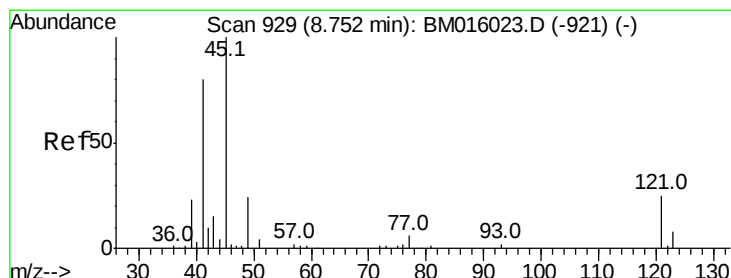
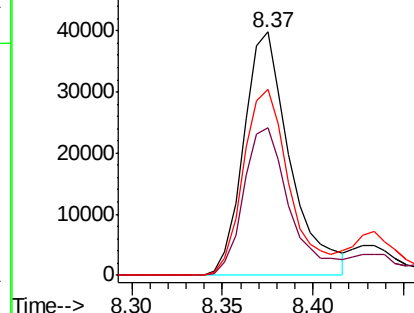
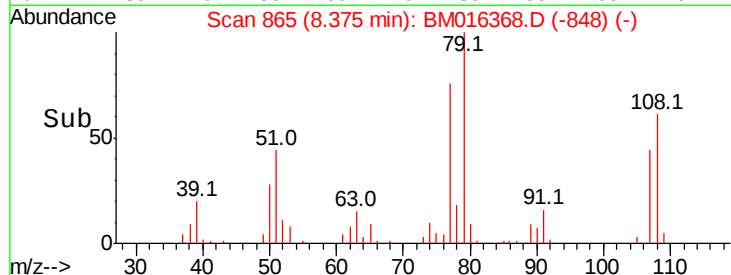
79 100

108 60.5 65.0 97.4#

77 76.5 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016368.D (-848) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.499 ng

RT: 8.63 min Scan# 909

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

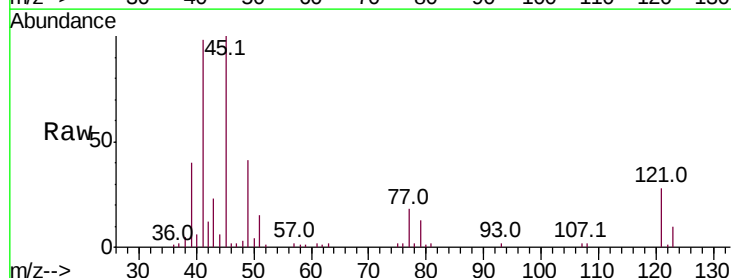
Tgt Ion: 45 Resp: 84809

Ion Ratio Lower Upper

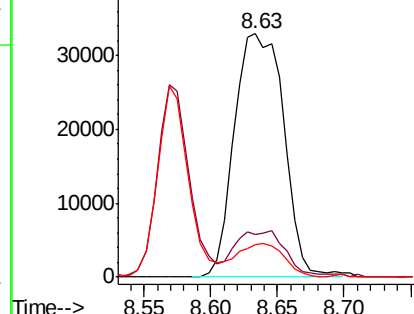
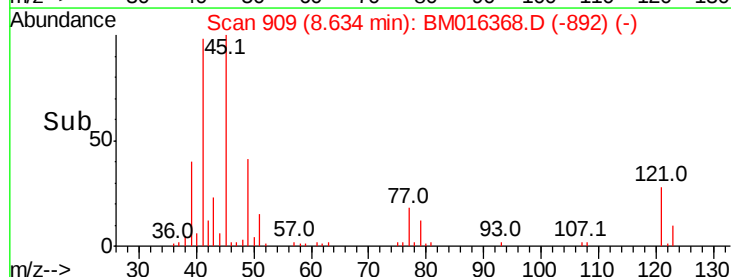
45 100

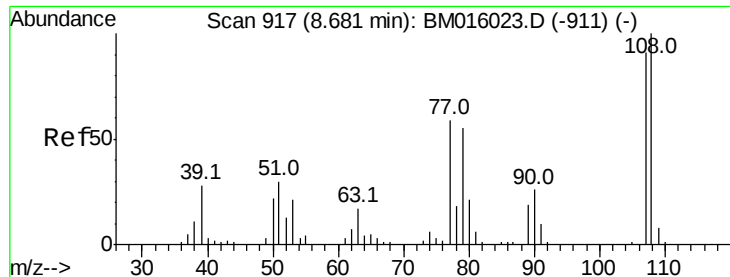
77 17.8 0.0 35.2

79 13.3 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM016368.D (-892) (-)

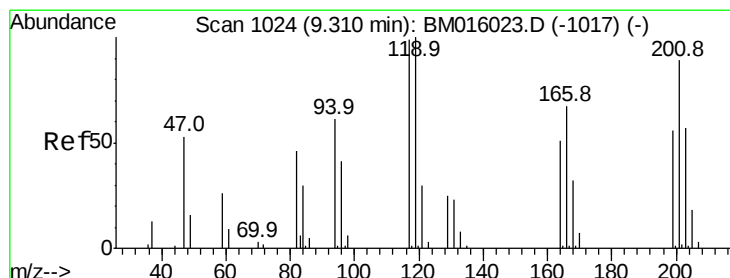
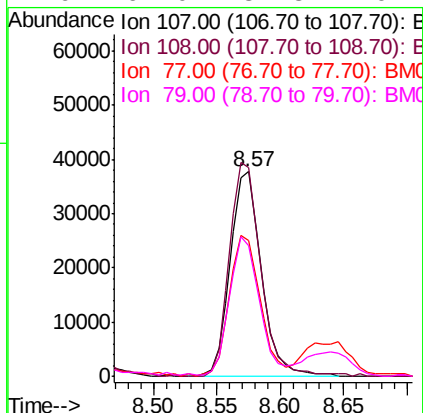
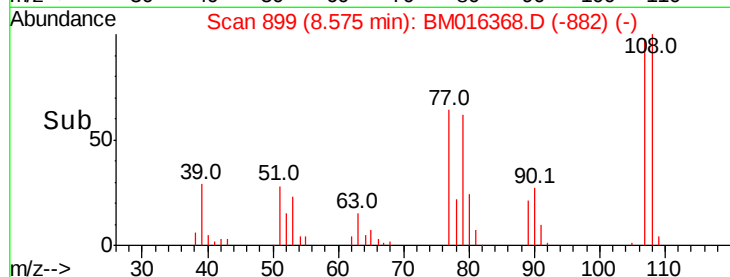
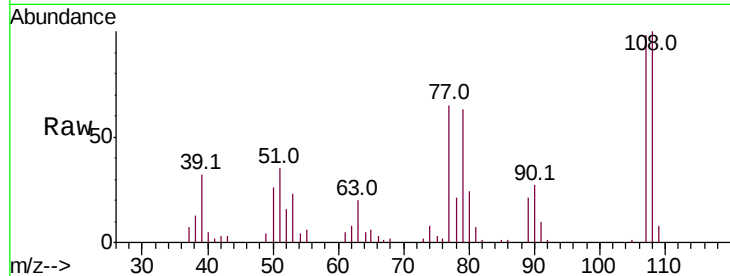




#17
2-Methylphenol
Concen: 46.054 ng
RT: 8.57 min Scan# 899
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

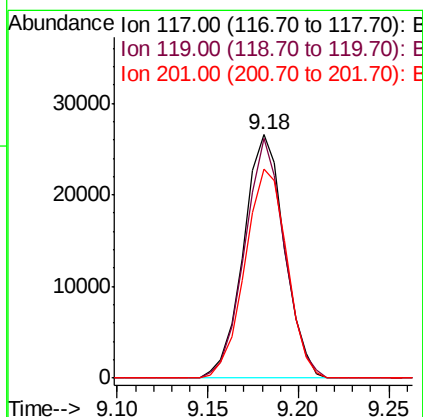
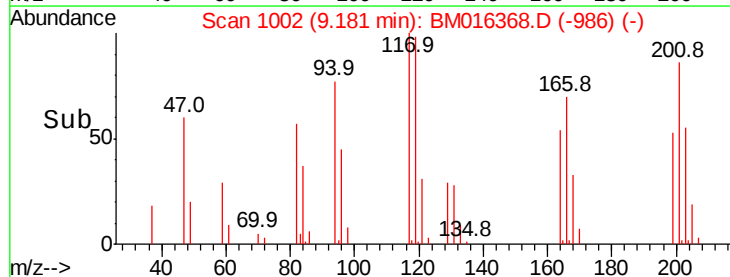
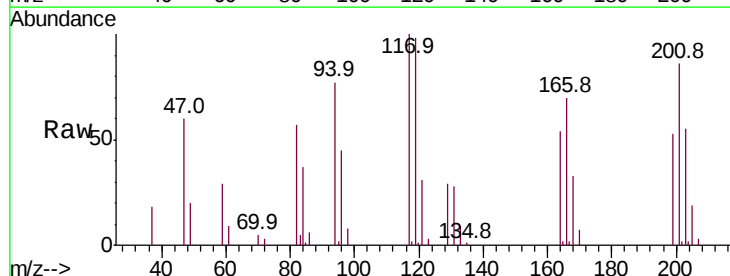
Instrument :
BNA_M
ClientSampleId :
PB112011BS

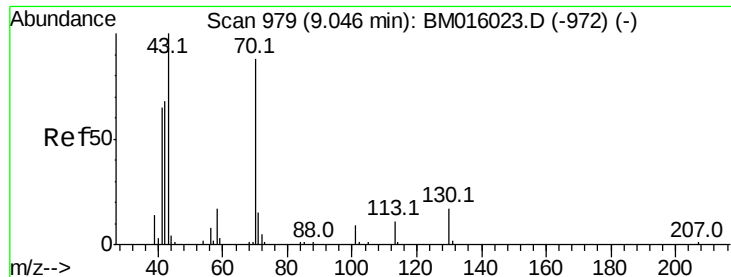
Tot Ion:107 Resp: 64002
Ion Ratio Lower Upper
107 100
108 101.9 89.8 134.8
77 66.5 32.6 48.8#
79 64.0 32.8 49.2#



#18
Hexachloroethane
Concen: 43.933 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:117 Resp: 41719
Ion Ratio Lower Upper
117 100
119 98.4 79.2 118.8
201 85.8 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.964 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

Tot Ion: 70 Resp: 60882

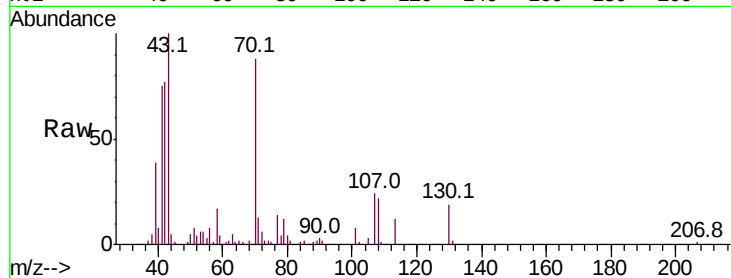
Ion Ratio Lower Upper

70 100

42 87.0 44.5 66.7#

101 9.6 7.4 11.2

130 21.2 15.3 22.9

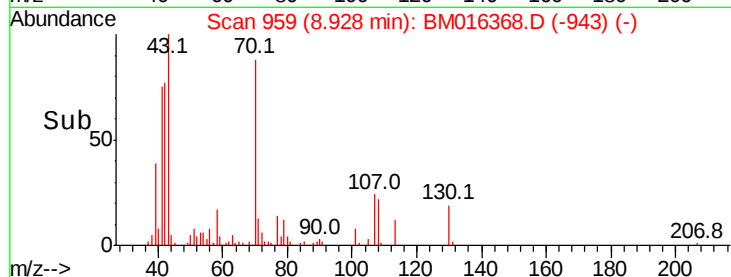
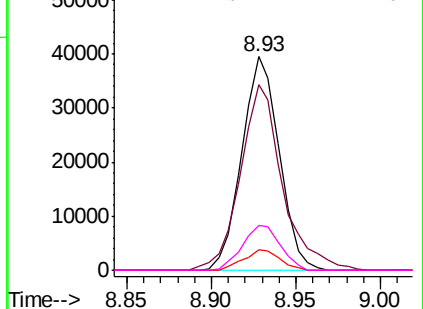


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.775 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Tgt Ion: 107 Resp: 83529

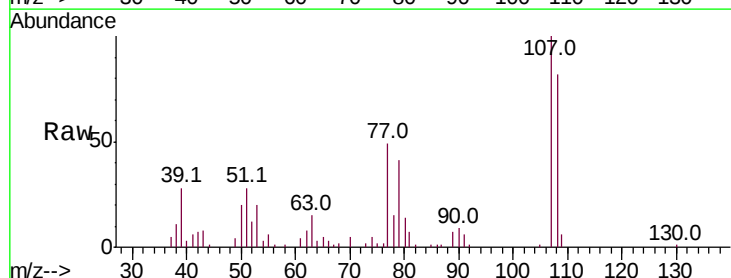
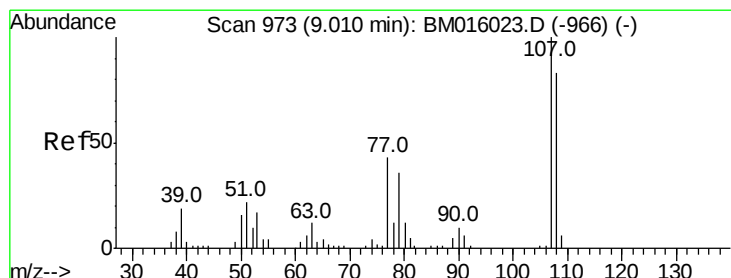
Ion Ratio Lower Upper

107 100

108 82.1 73.2 113.2

77 49.3 10.7 50.7

79 40.7 9.6 49.6

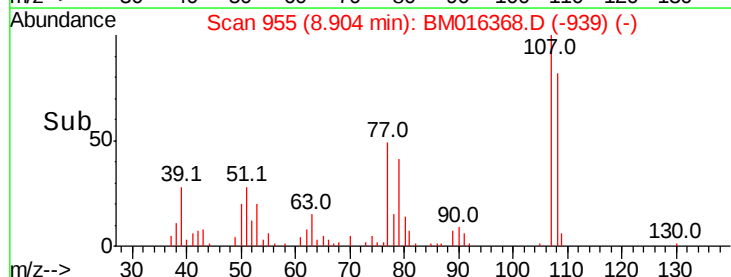
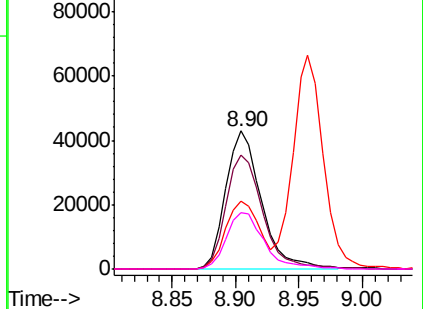


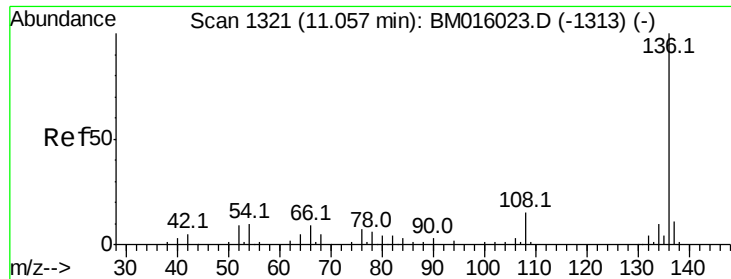
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

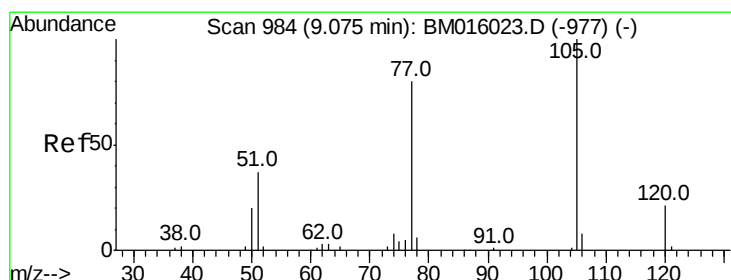
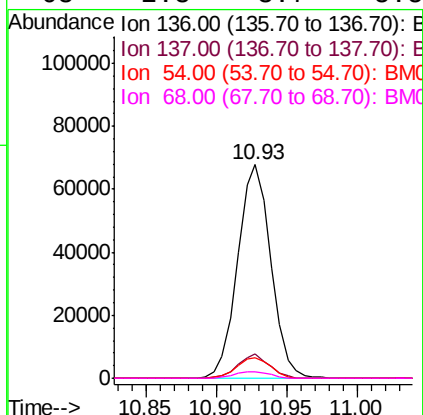
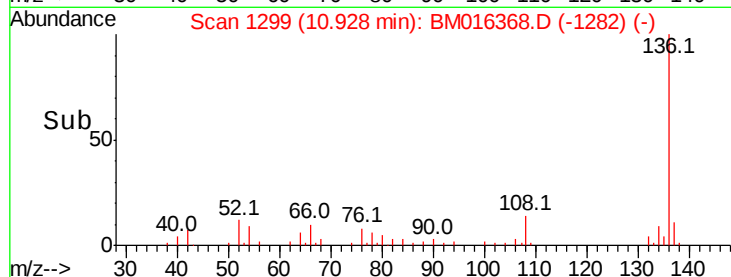
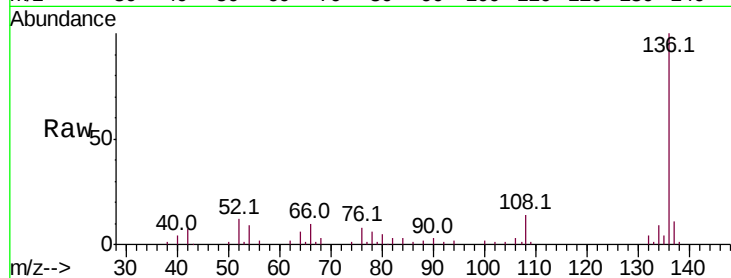




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

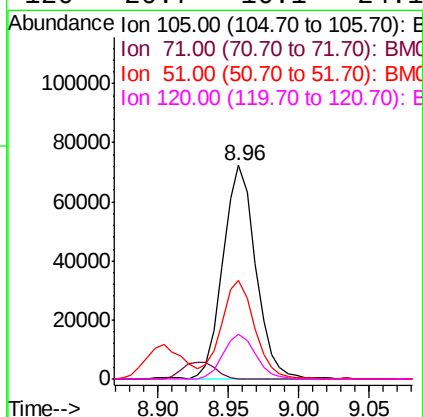
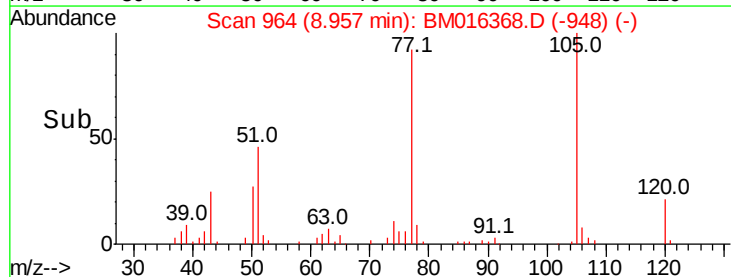
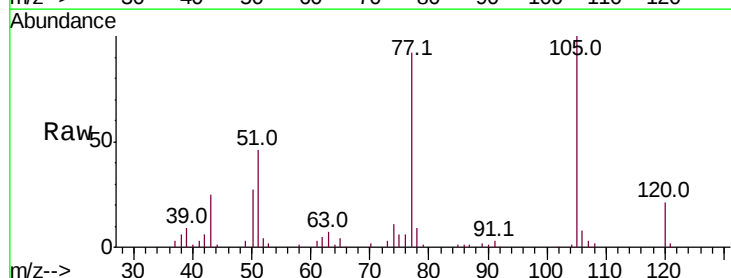
Instrument :
BNA_M
ClientSampleId :
PB112011BS

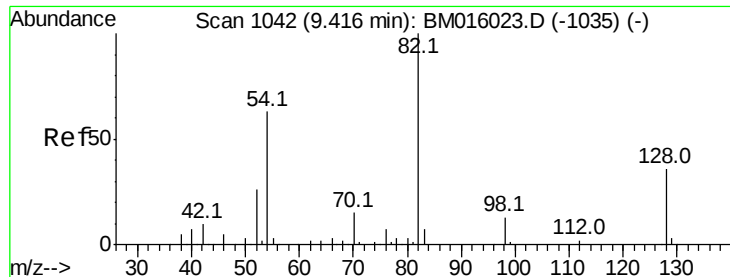
Tot Ion:	136	Resp:	111437
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	4.6	6.8#
68	2.8	3.7	5.5#



#22
Acetophenone
Concen: 41.808 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:	105	Resp:	117313
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.2	21.6	32.4#
120	20.7	16.1	24.1

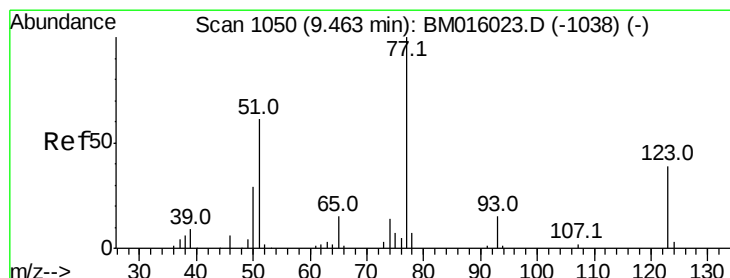
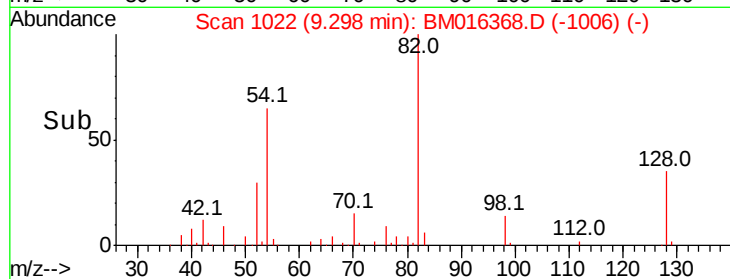
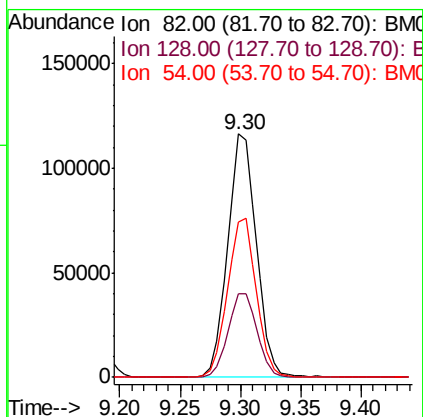
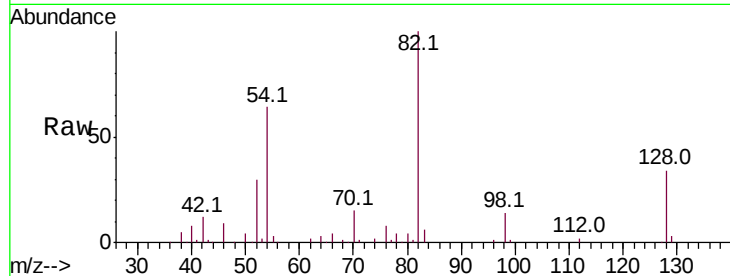




#23
 Nitrobenzene-d5
 Concen: 41.808 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

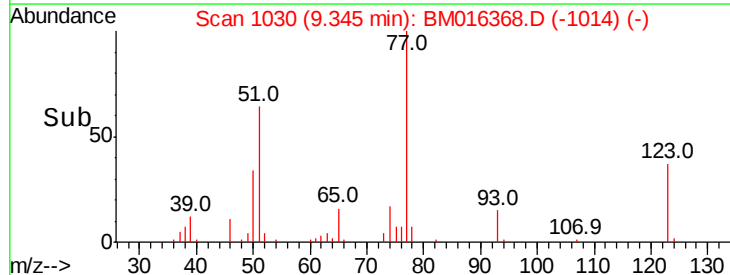
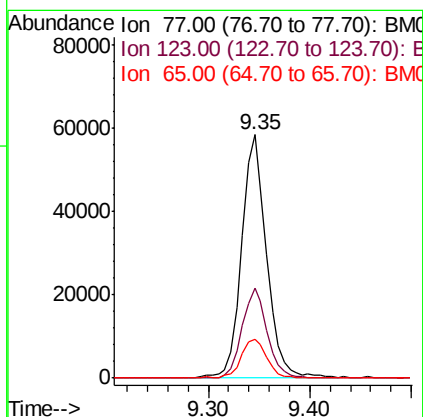
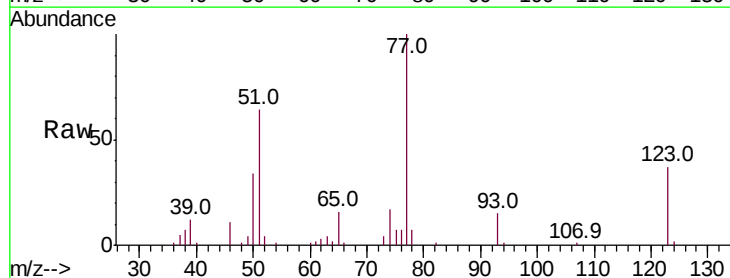
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

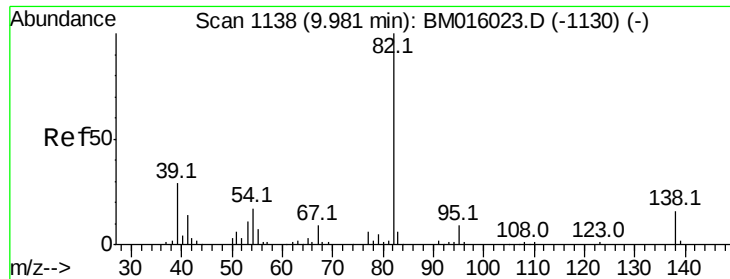
Tot Ion: 82 Resp: 192919
 Ion Ratio Lower Upper
 82 100
 128 34.3 32.8 49.2
 54 63.9 40.6 60.8#



#24
 Nitrobenzene
 Concen: 41.475 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion: 77 Resp: 100024
 Ion Ratio Lower Upper
 77 100
 123 36.8 32.6 49.0
 65 16.2 10.9 16.3





#25

Isophorone

Concen: 48.684 ng

RT: 9.86 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

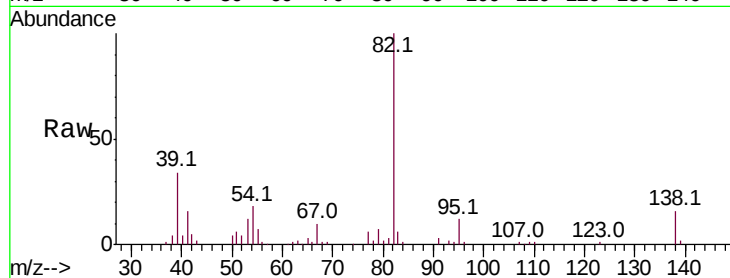
Tot Ion: 82 Resp: 159549

Ion Ratio Lower Upper

82 100

95 11.8 5.8 8.6#

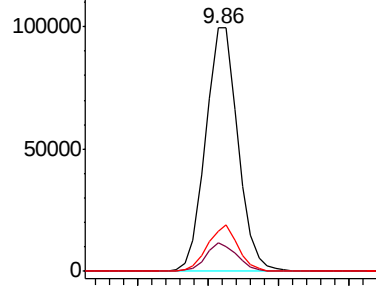
138 16.5 16.3 24.5



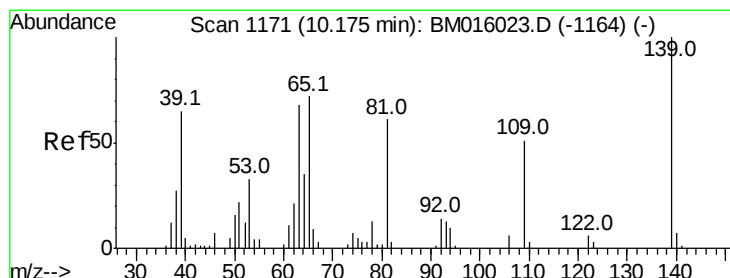
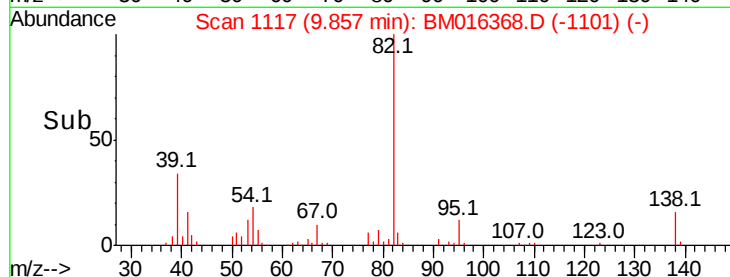
Abundance Ion 82.00 (81.70 to 82.70): BM016368.D (-1117) (-)

Ion 95.00 (94.70 to 95.70): BM016368.D (-1117) (-)

Ion 138.00 (137.70 to 138.70): BM016368.D (-1117) (-)



Time-->



#26

2-Nitrophenol

Concen: 41.786 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

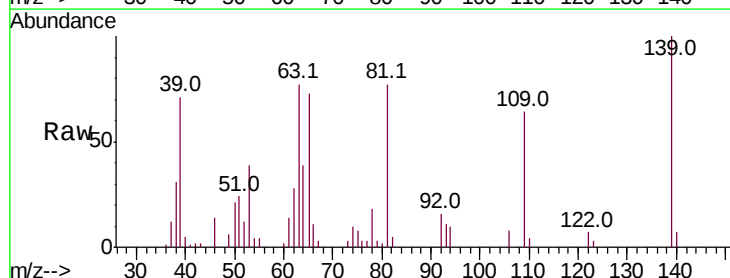
Tgt Ion:139 Resp: 42068

Ion Ratio Lower Upper

139 100

109 64.0 20.1 30.1#

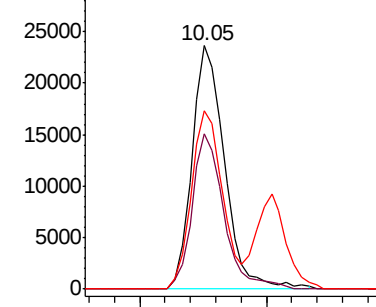
65 73.0 31.5 47.3#



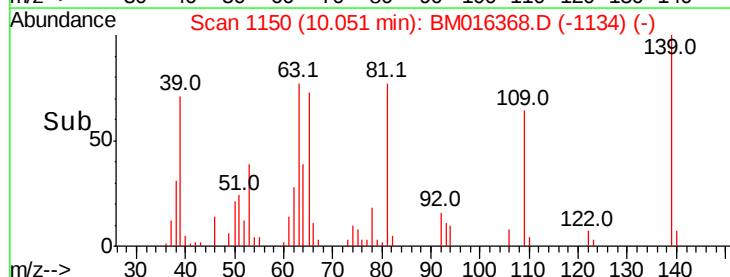
Abundance Ion 139.00 (138.70 to 139.70): BM016368.D (-1150) (-)

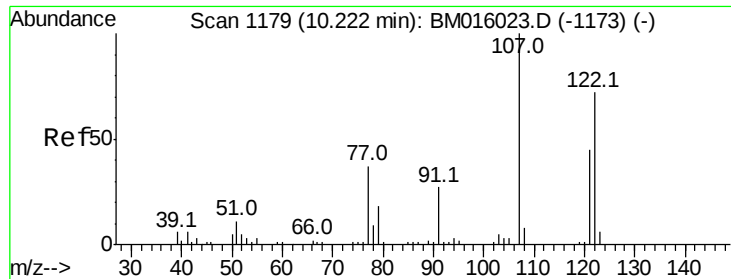
Ion 109.00 (108.70 to 109.70): BM016368.D (-1150) (-)

Ion 65.00 (64.70 to 65.70): BM016368.D (-1150) (-)



Time-->

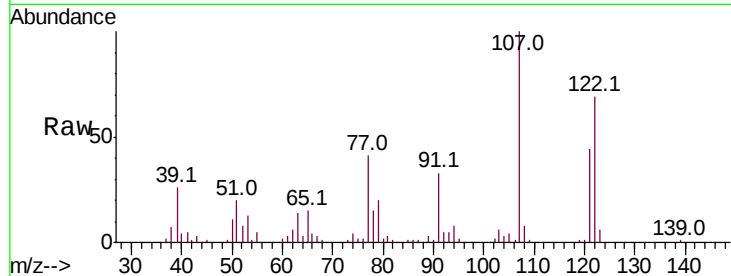




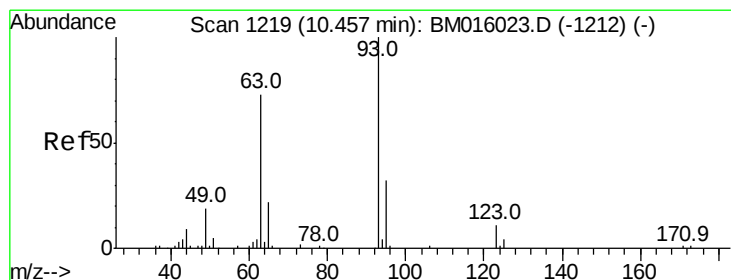
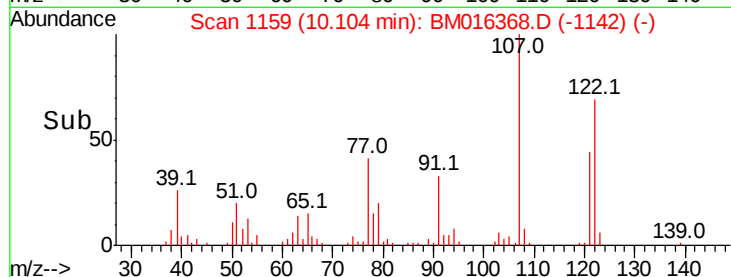
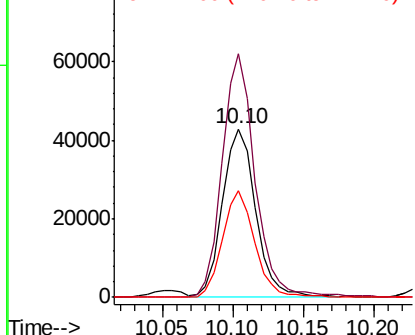
#27
 2,4-Dimethylphenol
 Concen: 50.451 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:122 Resp: 70762
 Ion Ratio Lower Upper
 122 100
 107 144.5 84.7 127.1#
 121 63.4 46.6 69.8

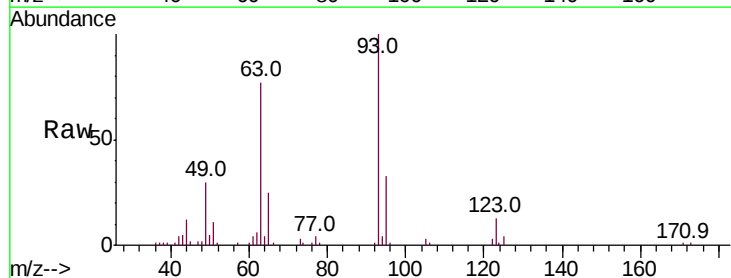


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

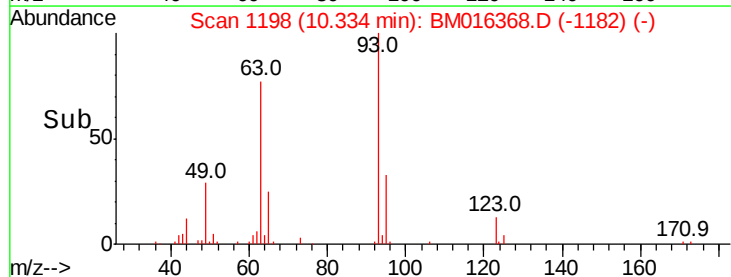
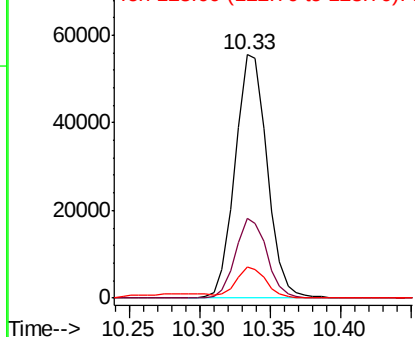


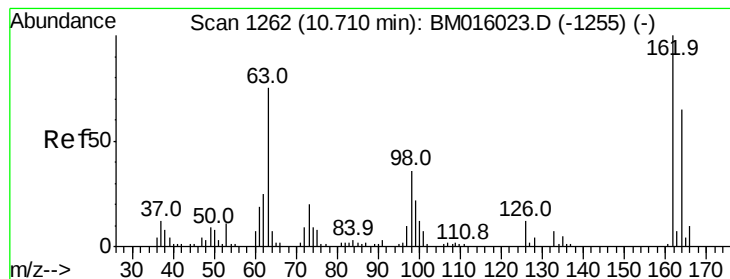
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.404 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion: 93 Resp: 88193
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.5 38.3
 123 12.6 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.600 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

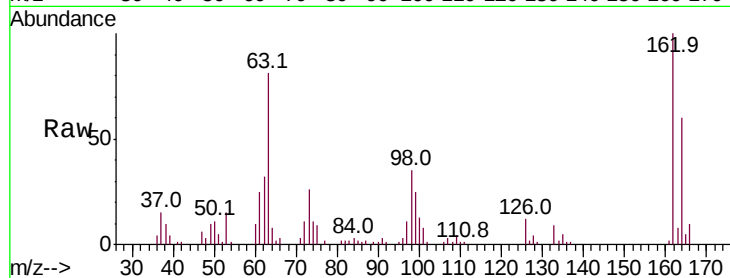
Tot Ion:162 Resp: 76001

Ion Ratio Lower Upper

162 100

164 59.6 42.8 82.8

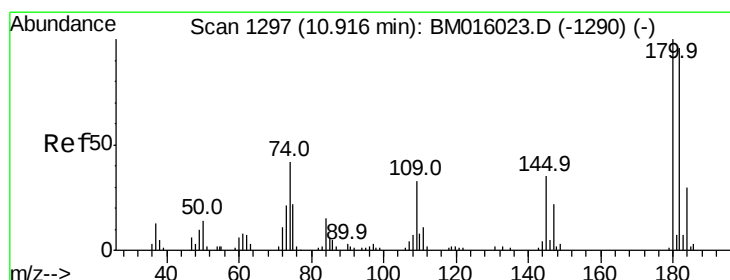
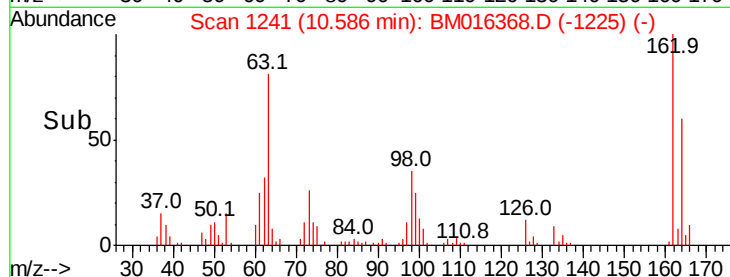
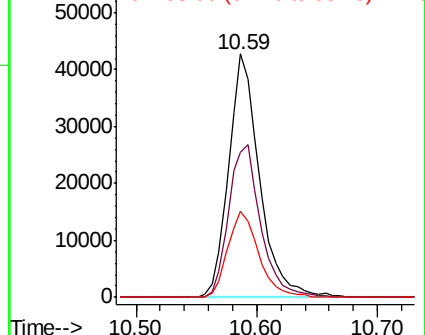
98 35.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.481 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

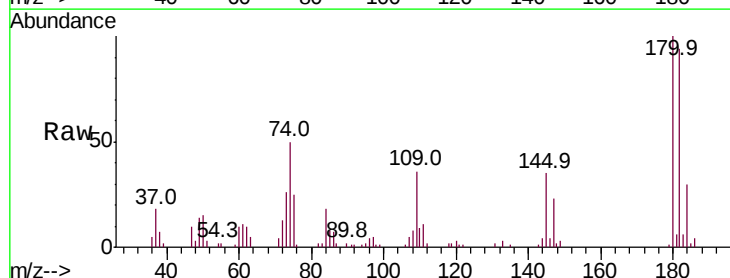
Tgt Ion:180 Resp: 81976

Ion Ratio Lower Upper

180 100

182 94.4 77.6 116.4

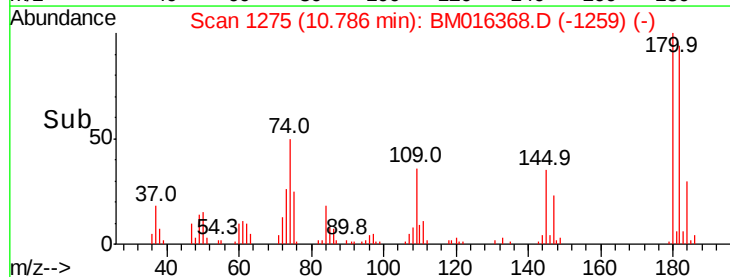
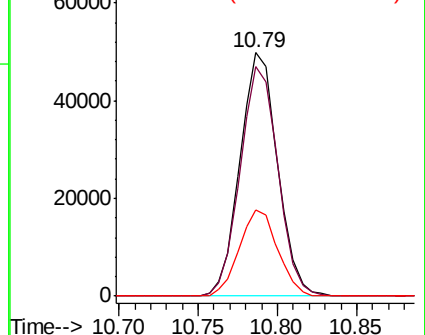
145 35.5 23.4 35.2#

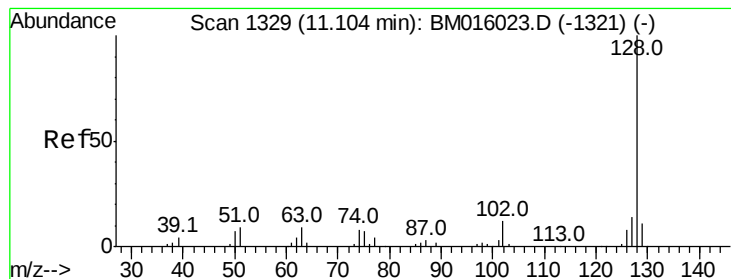


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.542 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

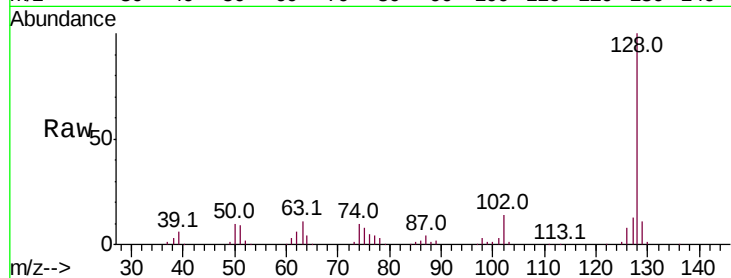
Tot Ion:128 Resp: 234294

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

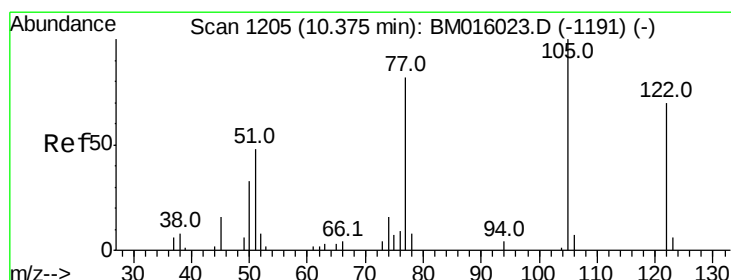
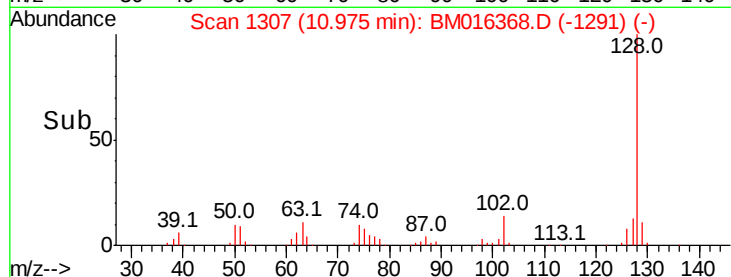
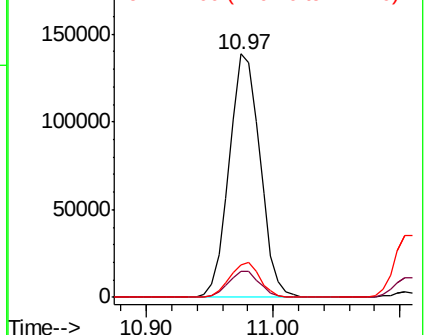
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.185 ng

RT: 10.30 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

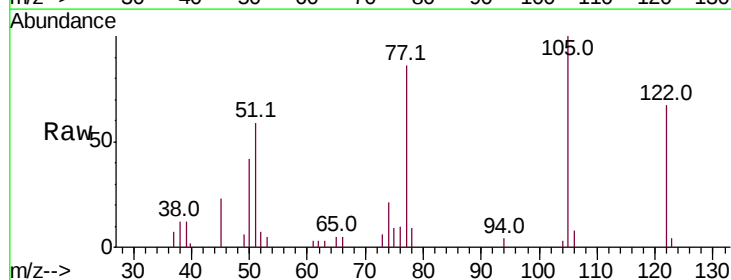
Tgt Ion:122 Resp: 47243

Ion Ratio Lower Upper

122 100

105 149.9 99.9 139.9#

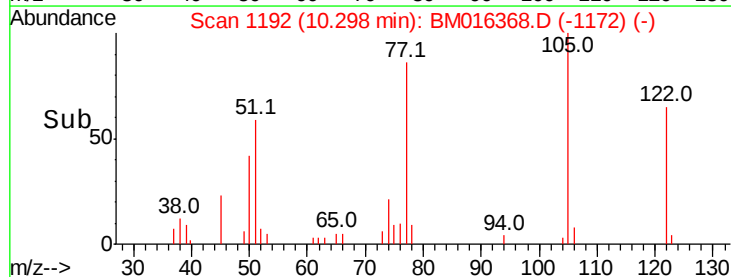
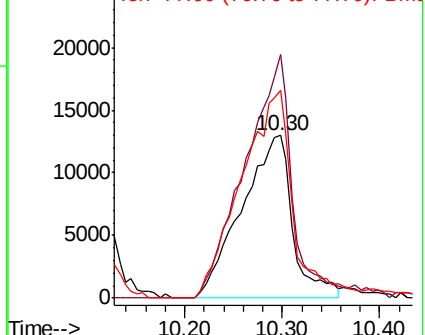
77 128.3 73.7 113.7#

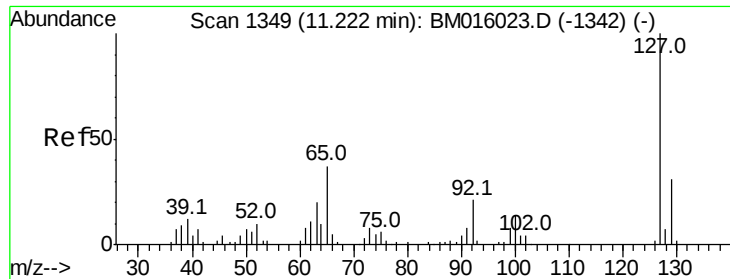


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

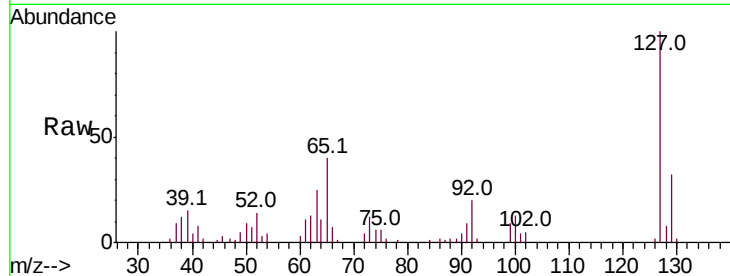




#33
4-Chloroaniline
Concen: 29.241 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	40.4	17.6	26.4
92	19.9	13.1	19.7



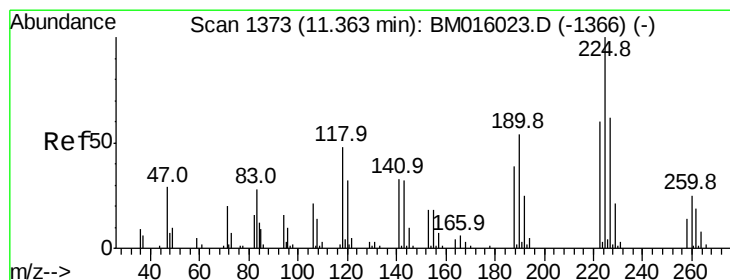
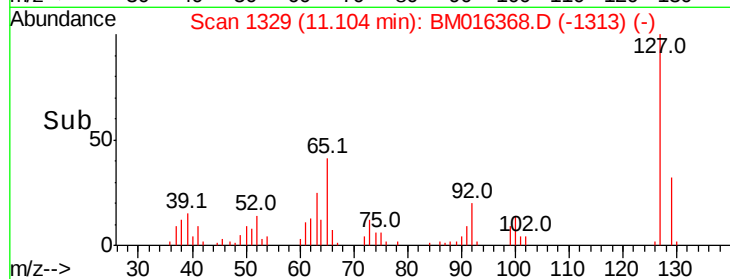
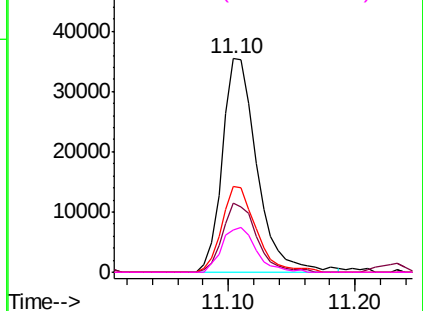
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

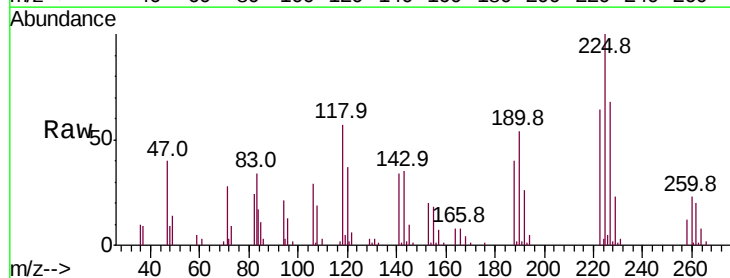
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 45.807 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.9	71.9
227	68.0	50.1	75.1

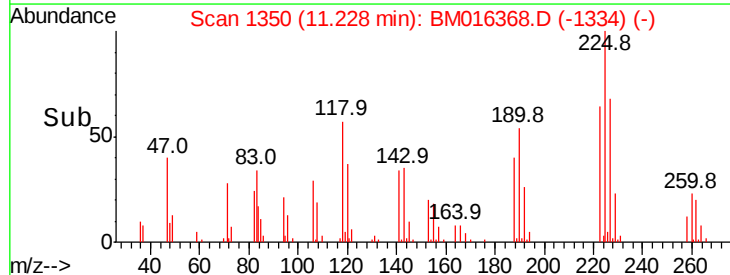
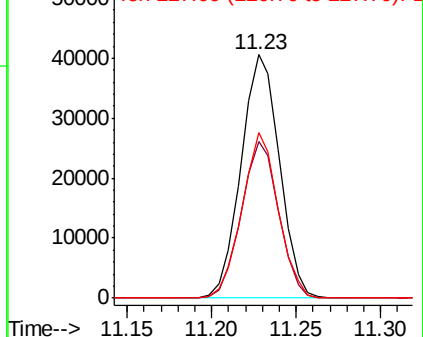


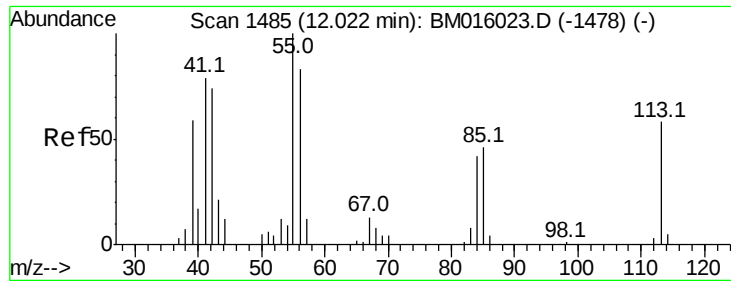
Abundance

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: 42.825 ng

RT: 11.93 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

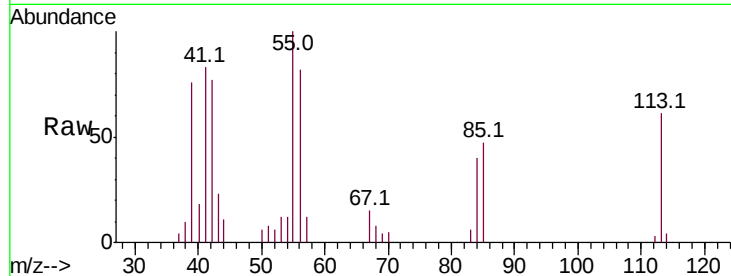
Tot Ion:113 Resp: 19769

Ion Ratio Lower Upper

113 100

55 163.9 145.9 185.9

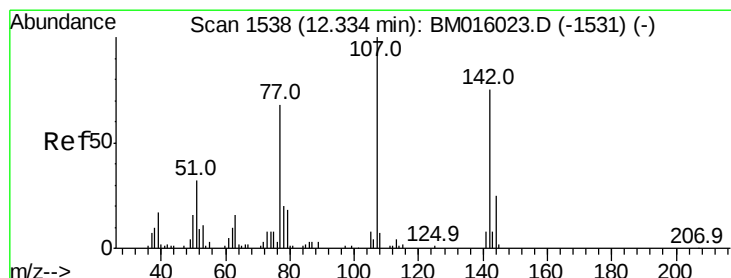
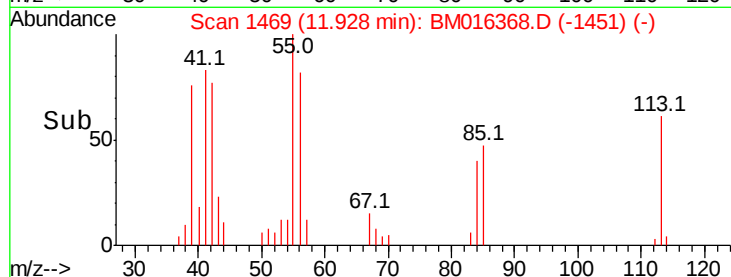
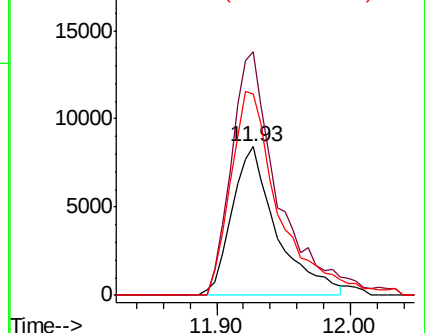
56 135.2 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 46.137 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

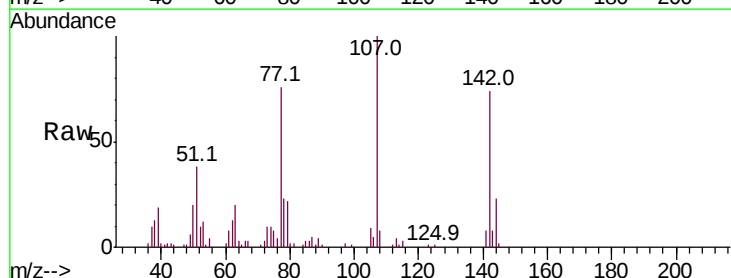
Tgt Ion:107 Resp: 84577

Ion Ratio Lower Upper

107 100

144 22.7 23.3 34.9#

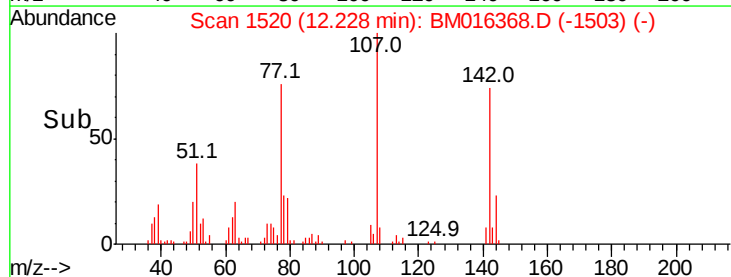
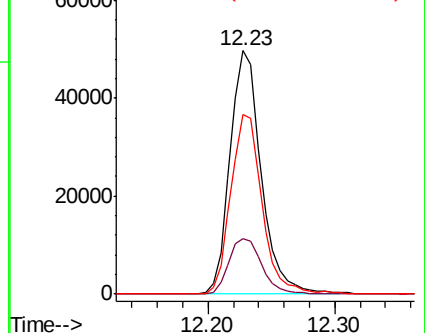
142 73.9 72.6 109.0

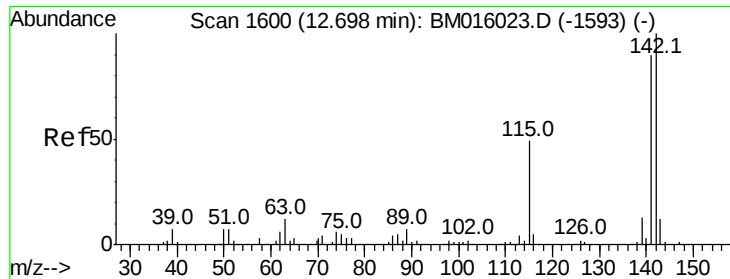


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

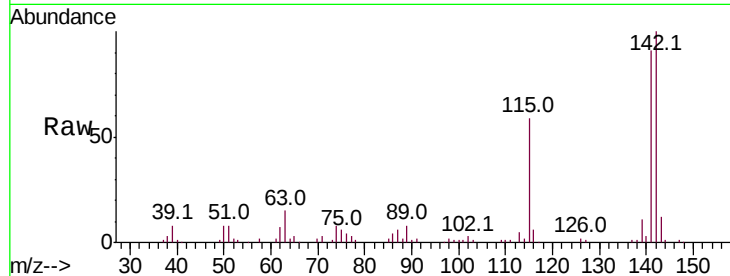




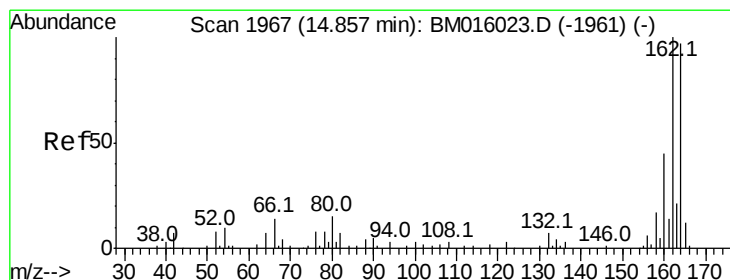
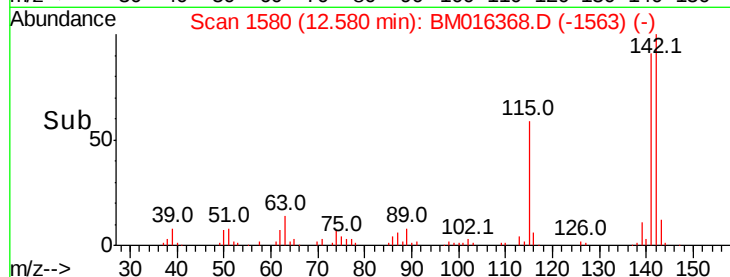
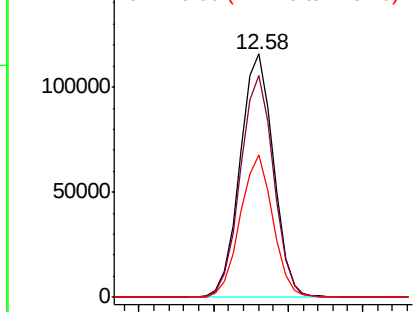
#37
2-Methylnaphthalene
Concen: 47.518 ng
RT: 12.58 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:142 Resp: 179527
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
115 58.7 25.4 38.0#

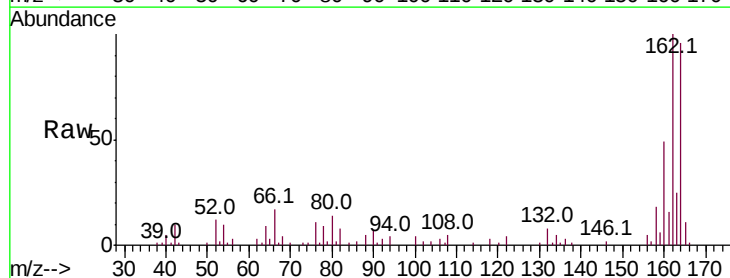


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

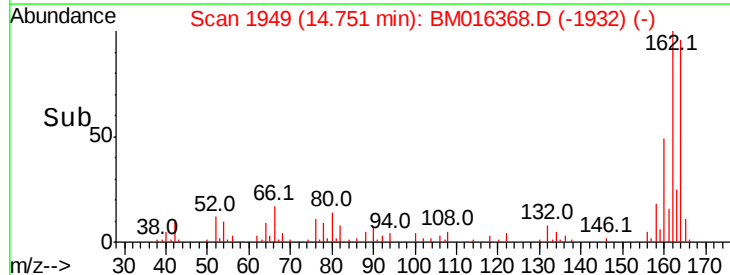
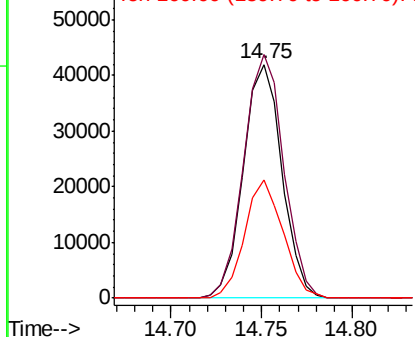


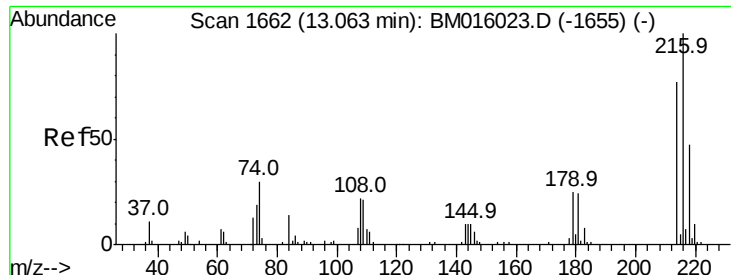
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:164 Resp: 62041
Ion Ratio Lower Upper
164 100
162 104.3 82.4 123.6
160 50.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

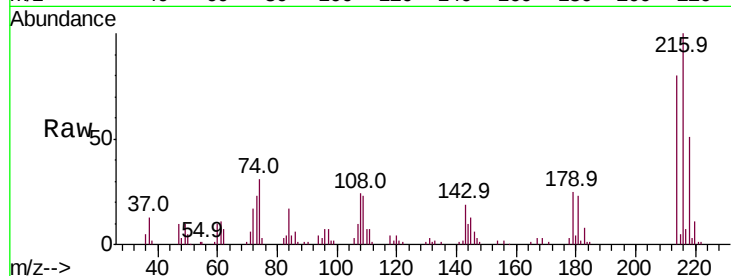




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.478 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:	216	Resp:	98170
Ion	Ratio	Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	24.6	0.0	0.0#
108	24.7	0.0	0.0#



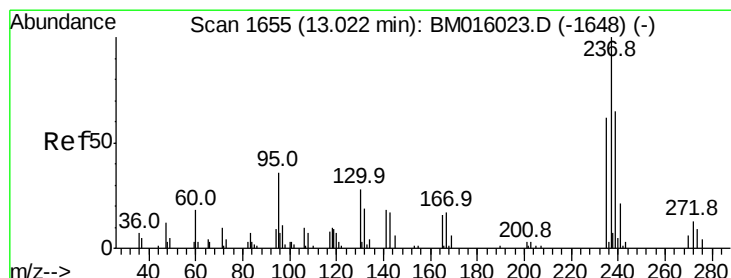
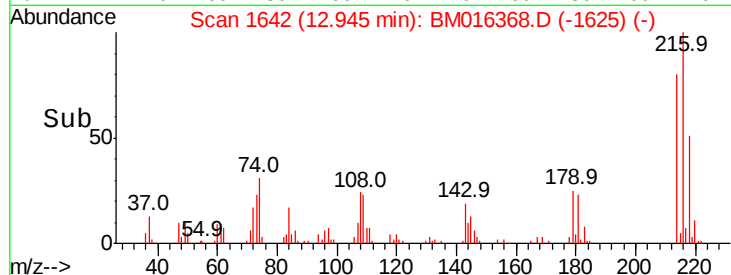
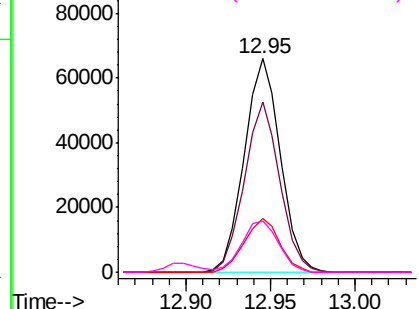
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

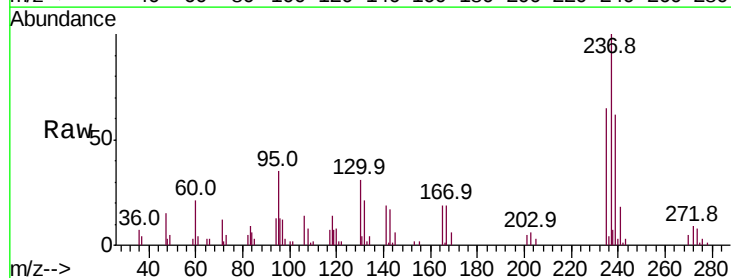
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 46.320 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:	237	Resp:	44319
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.0	82.0
272	9.0	0.0	33.4

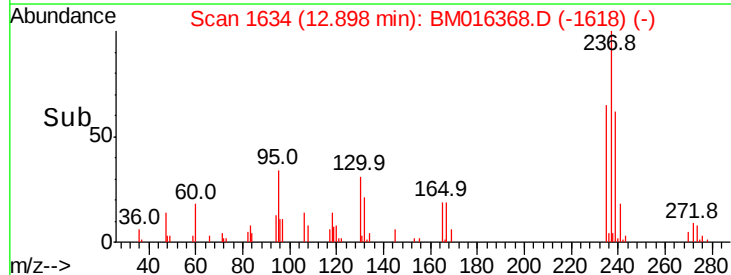
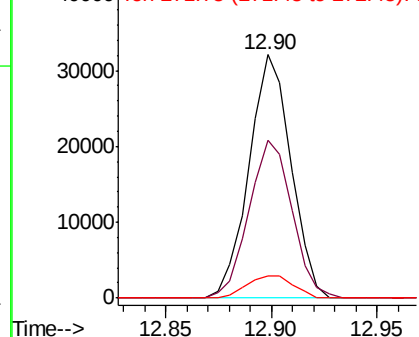


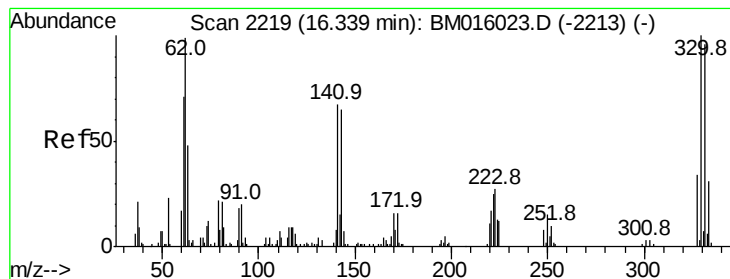
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 46.320 ng

RT: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

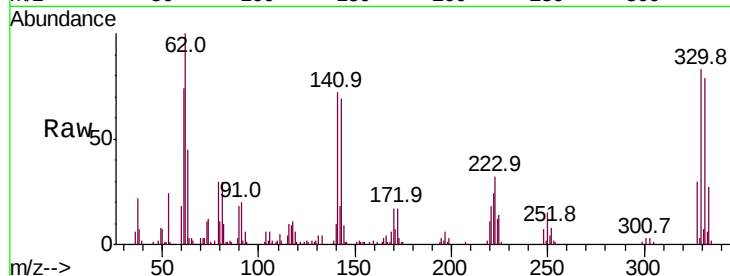
Tot Ion:330 Resp: 73394

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

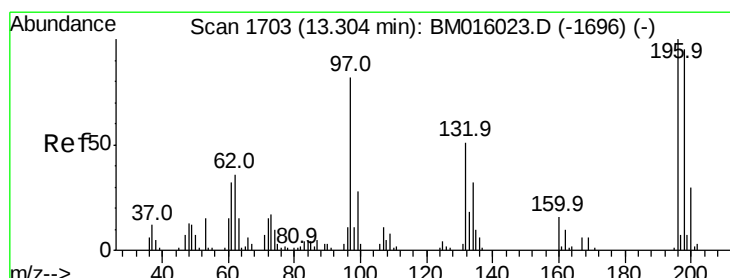
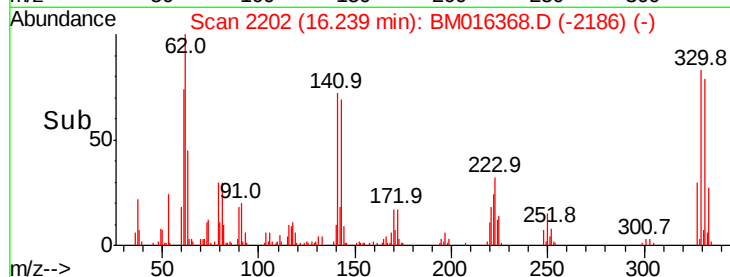
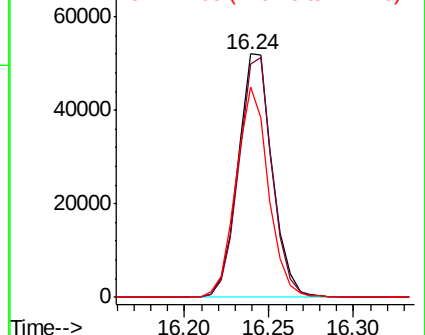
141 81.6 0.0 0.0#



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: 47.471 ng

RT: 13.19 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

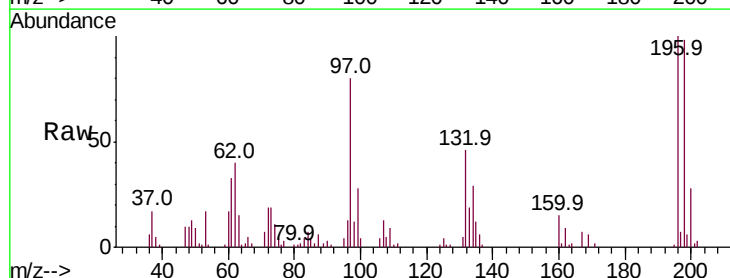
Tgt Ion:196 Resp: 62732

Ion Ratio Lower Upper

196 100

198 98.2 76.3 114.5

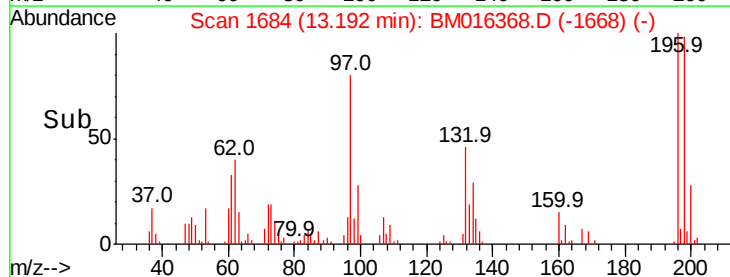
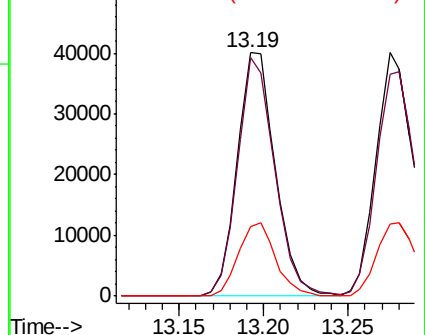
200 28.4 25.6 38.4

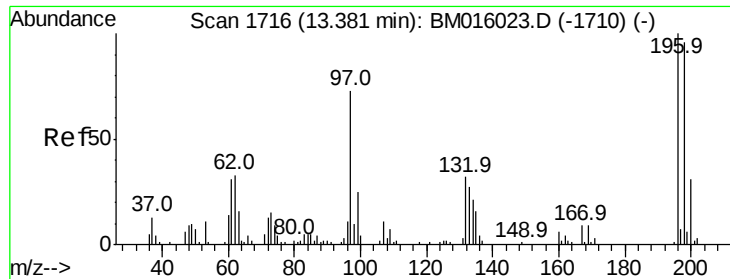


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

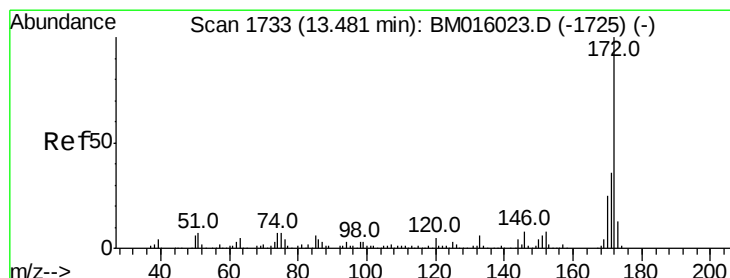
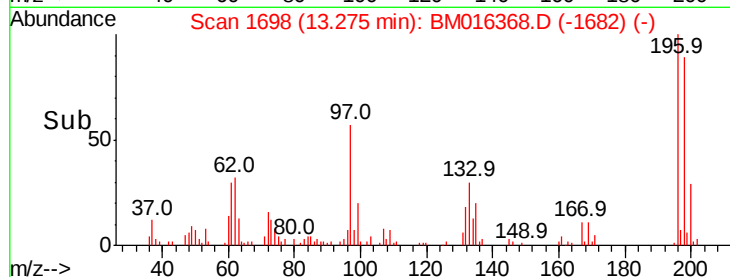
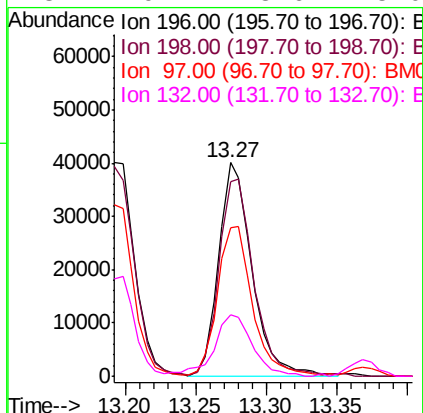
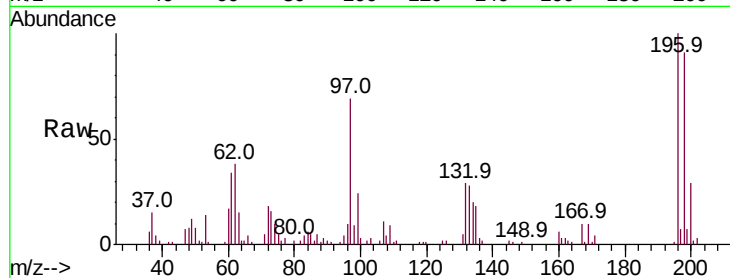




#43
 2,4,5-Trichlorophenol
 Concen: 48.535 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

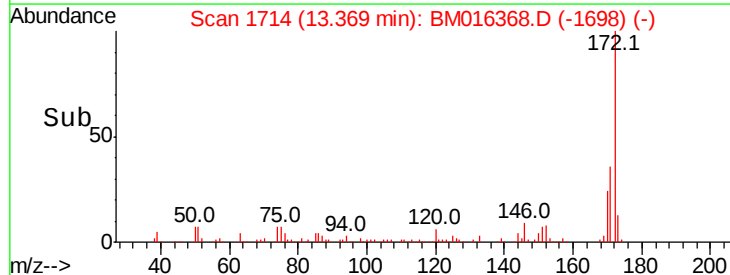
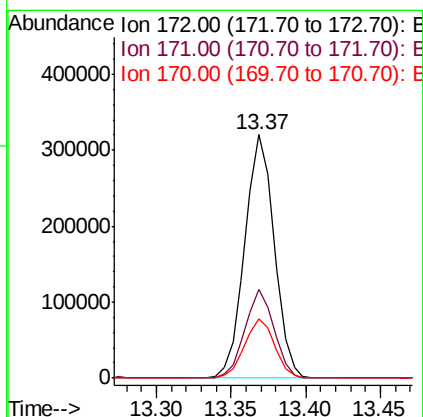
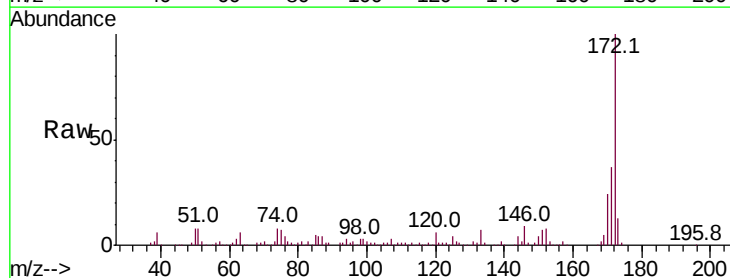
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

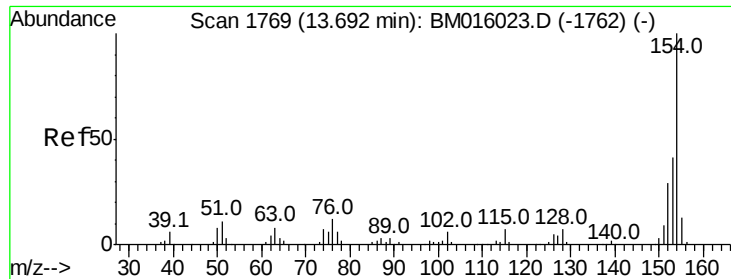
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	79.4	119.0
97	69.4	26.8	40.2
132	29.1	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 48.535 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.3	18.8	28.2

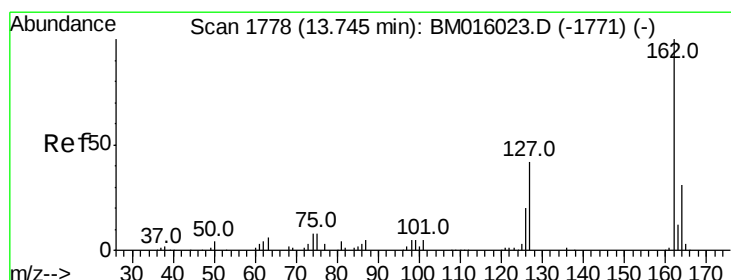
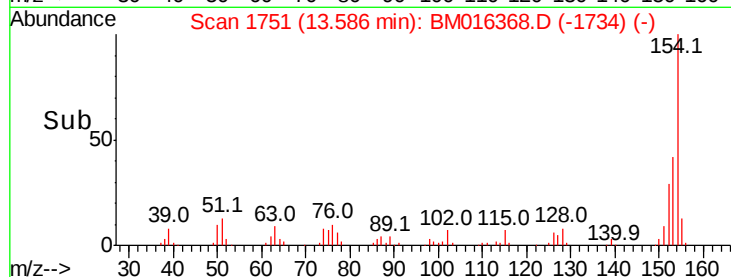
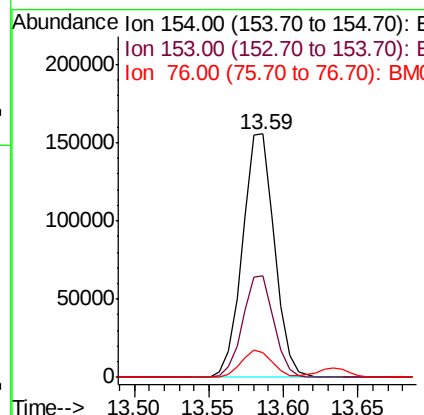
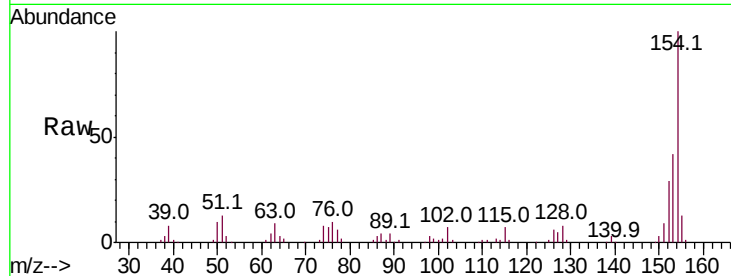




#45
 1,1'-Biphenyl
 Concen: 41.083 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

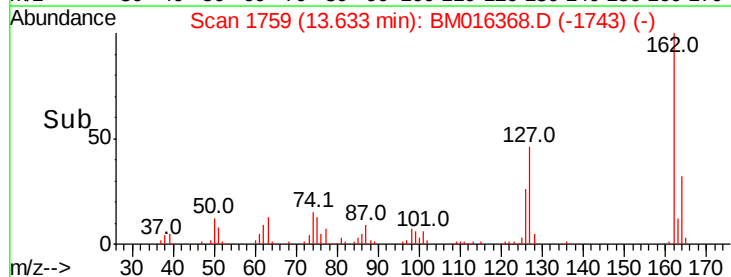
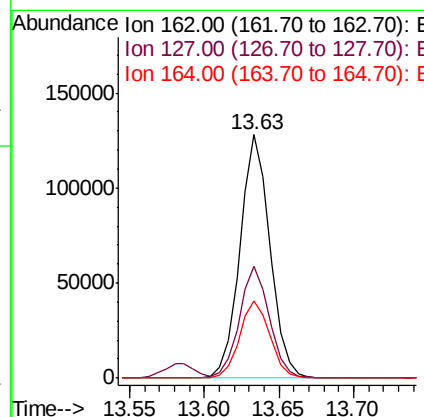
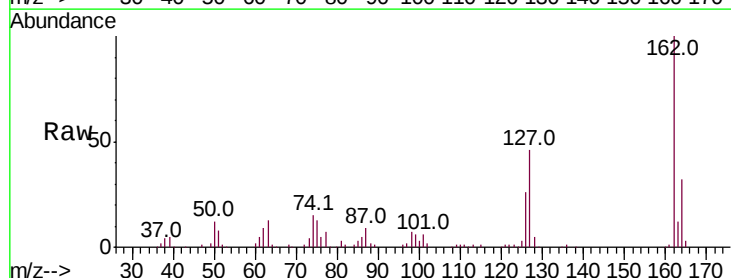
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

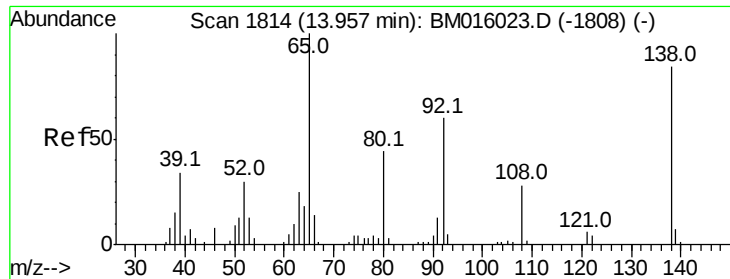
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	10.2	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 41.062 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.9	26.9	40.3#
164	31.7	26.8	40.2

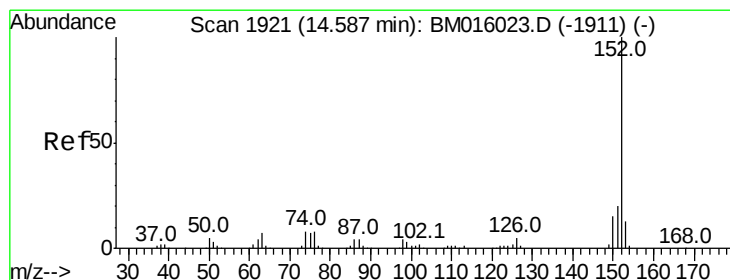
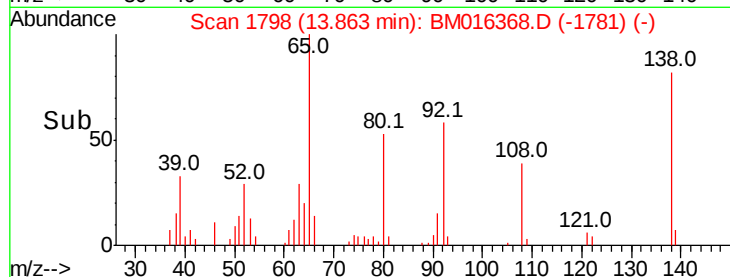
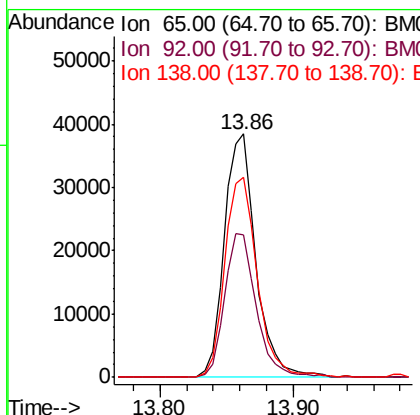
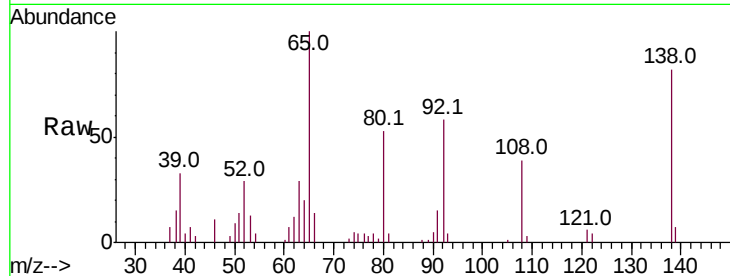




#47
 2-Nitroaniline
 Concen: 44.121 ng
 RT: 13.86 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

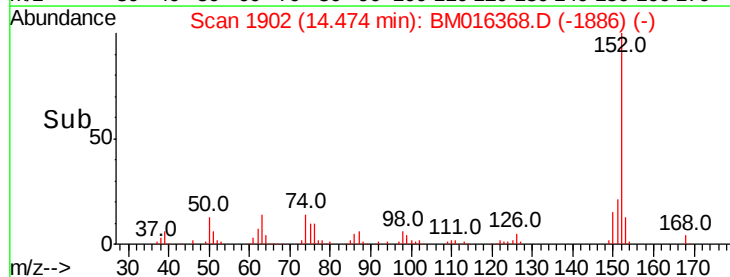
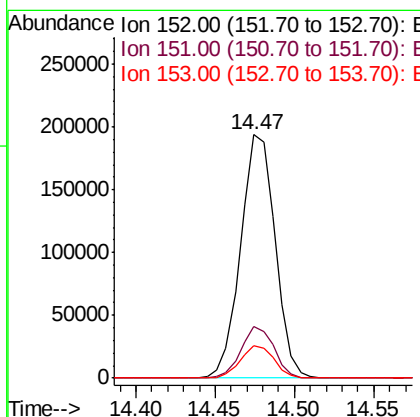
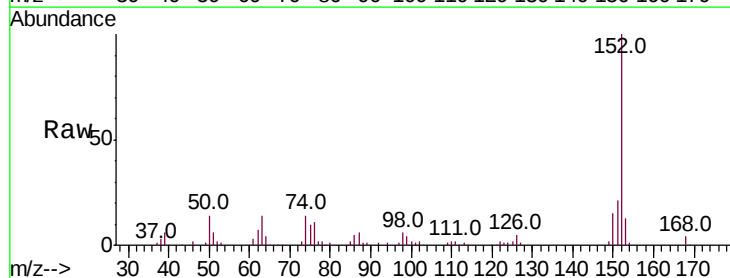
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

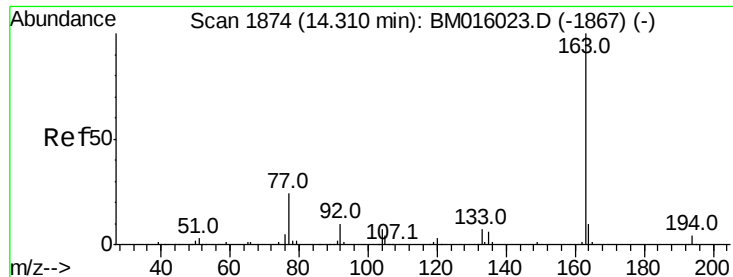
Tot Ion: 65 Resp: 63523
 Ion Ratio Lower Upper
 65 100
 92 58.4 59.1 88.7#
 138 82.4 93.9 140.9#



#48
 Acenaphthylene
 Concen: 45.949 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion: 152 Resp: 292930
 Ion Ratio Lower Upper
 152 100
 151 21.2 15.9 23.9
 153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 44.982 ng

RT: 14.21 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

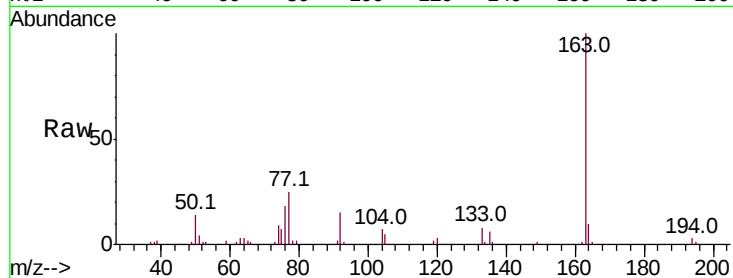
Tot Ion:163 Resp: 244231

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

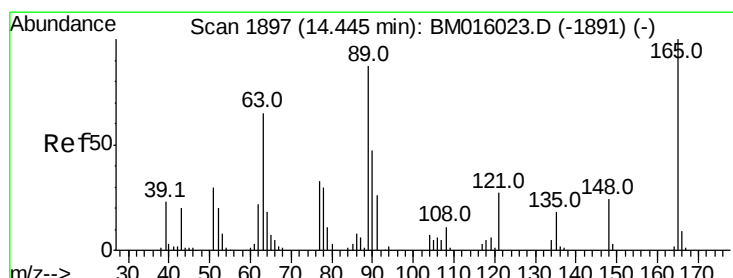
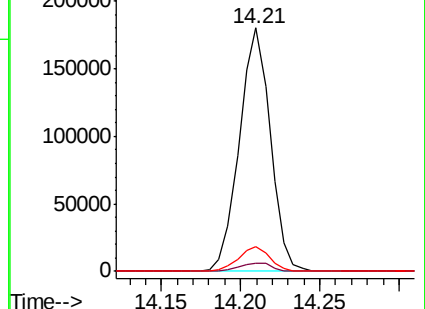
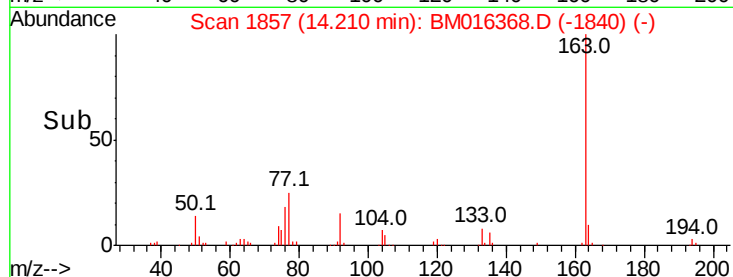
164 9.9 8.2 12.2



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: 43.392 ng

RT: 14.35 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

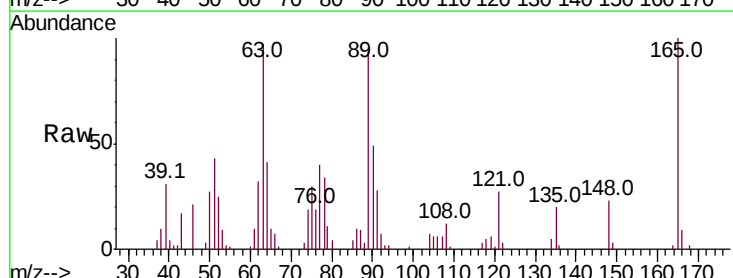
Tgt Ion:165 Resp: 47404

Ion Ratio Lower Upper

165 100

63 97.2 44.1 66.1#

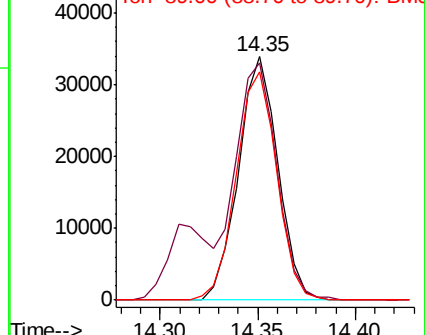
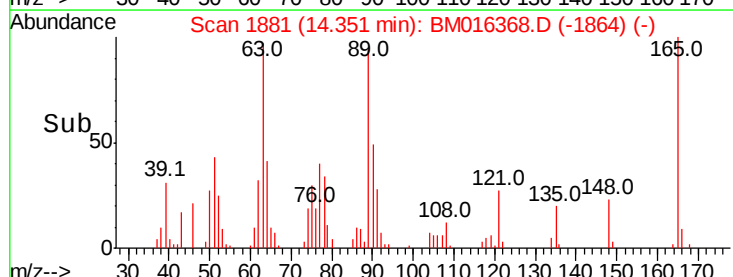
89 93.7 44.3 66.5#

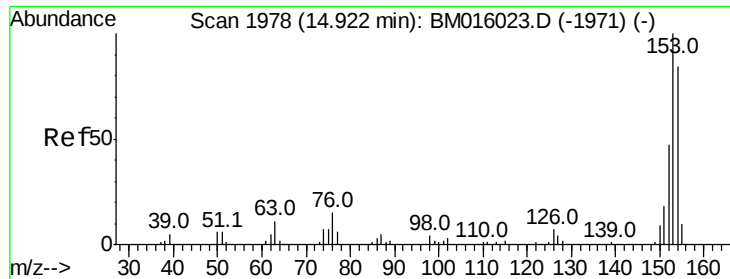


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 41.991 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

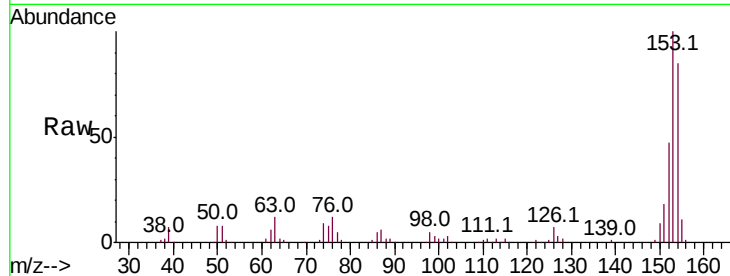
Tot Ion:154 Resp: 164638

Ion Ratio Lower Upper

154 100

153 117.7 90.0 135.0

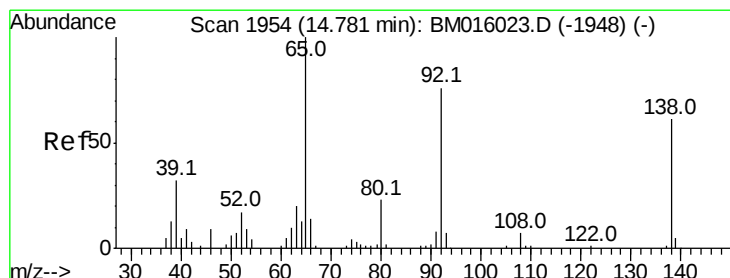
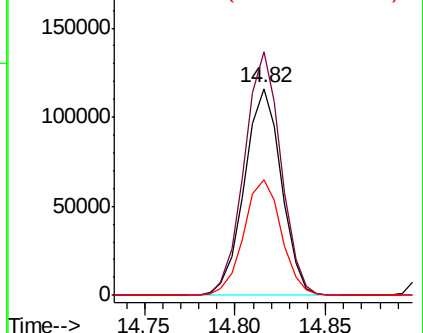
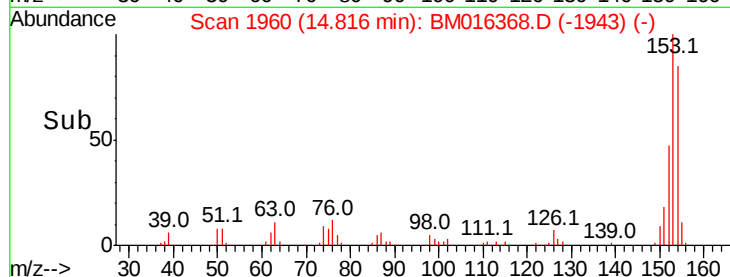
152 55.8 42.6 63.8



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: 31.159 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

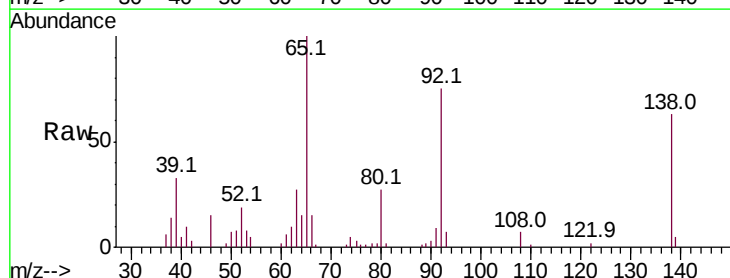
Tgt Ion:138 Resp: 36767

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

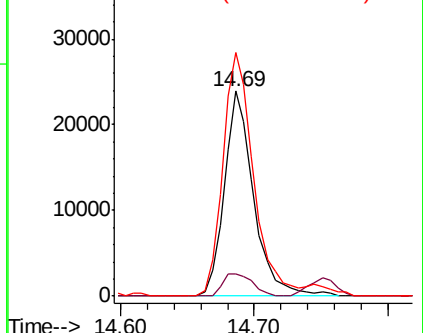
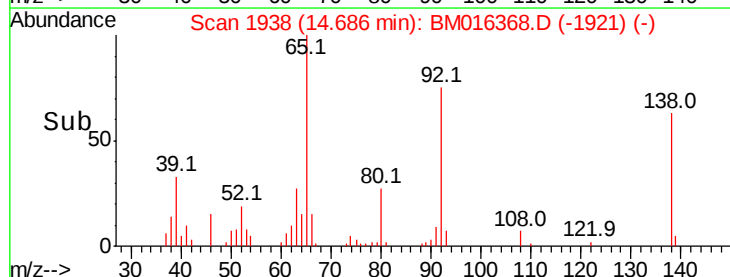
92 118.7 76.6 114.8#

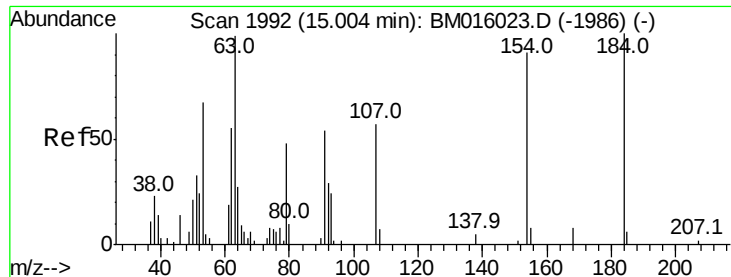


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

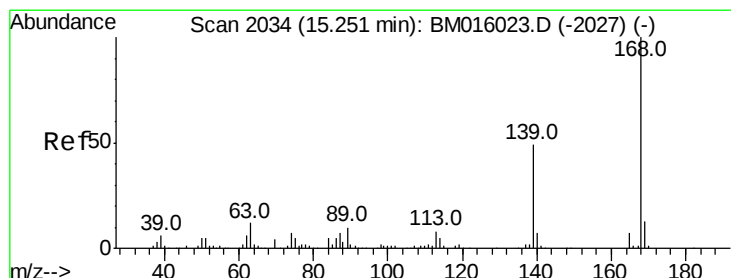
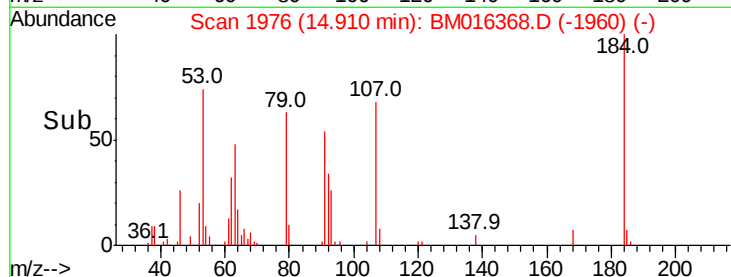
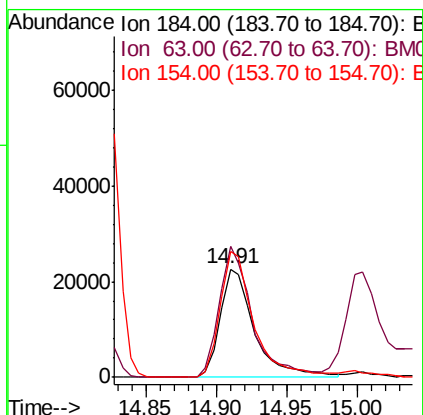
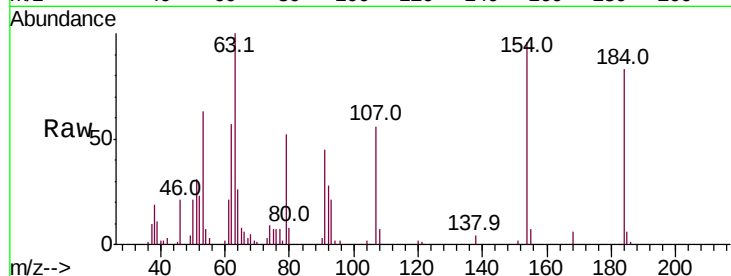




#53
2,4-Dinitrophenol
Concen: 81.854 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

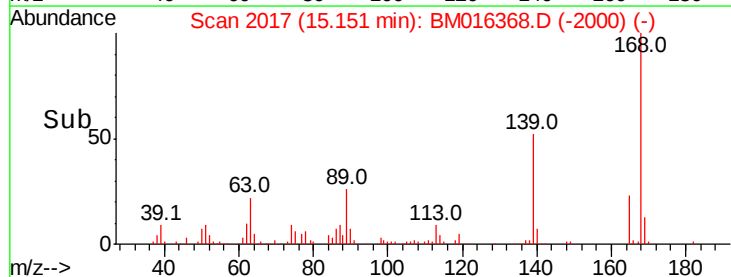
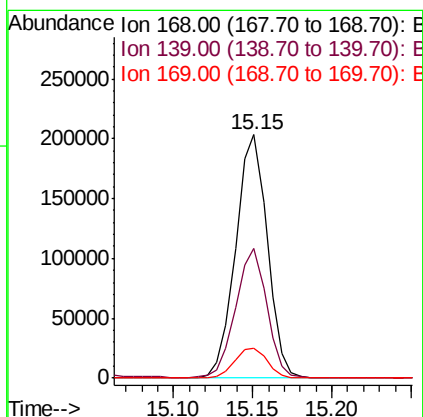
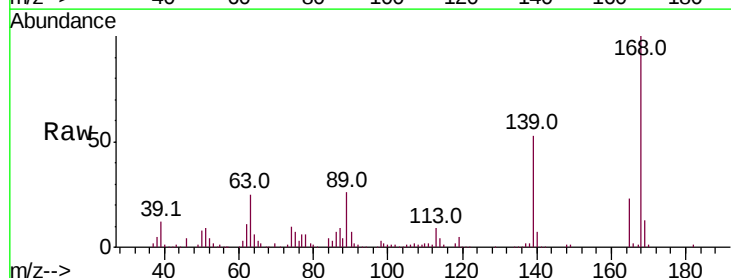
Instrument :
BNA_M
ClientSampleId :
PB112011BS

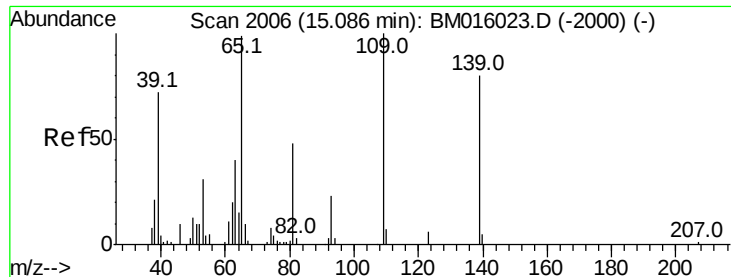
Tot Ion:184 Resp: 38469
Ion Ratio Lower Upper
184 100
63 120.7 69.2 103.8#
154 115.6 53.3 79.9#



#54
Dibenzofuran
Concen: 43.554 ng
RT: 15.15 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:168 Resp: 281405
Ion Ratio Lower Upper
168 100
139 53.3 27.3 40.9#
169 12.5 10.6 16.0





#55

4-Nitrophenol

Concen: 78.766 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

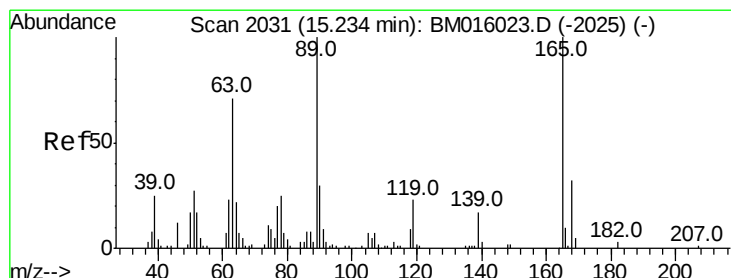
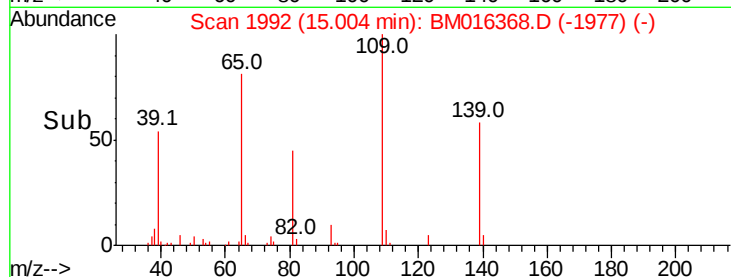
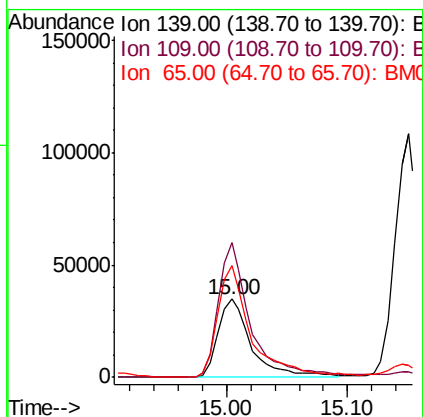
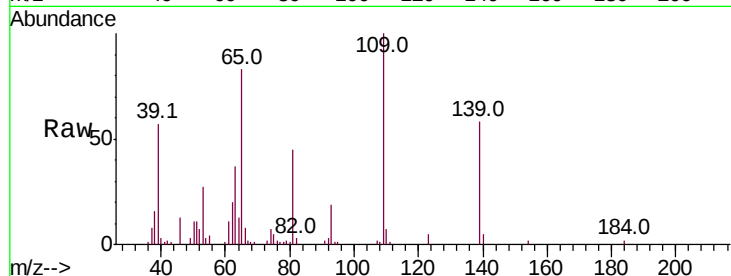
Tot Ion:139 Resp: 66626

Ion Ratio Lower Upper

139 100

109 173.4 130.0 170.0#

65 144.1 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 47.251 ng

RT: 15.15 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Tgt Ion:165 Resp: 73809

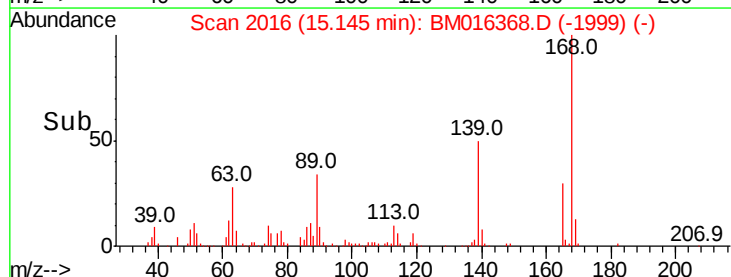
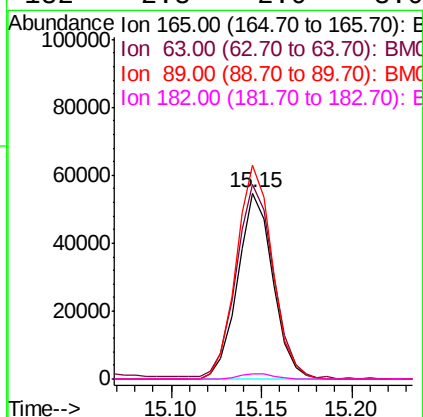
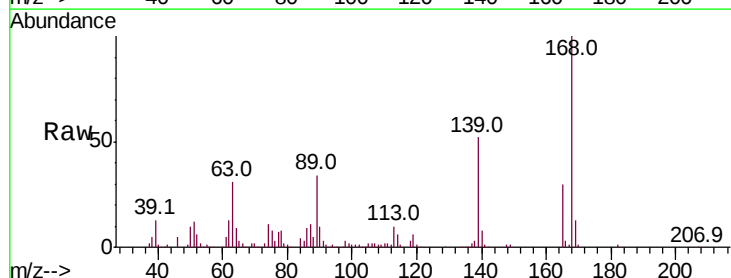
Ion Ratio Lower Upper

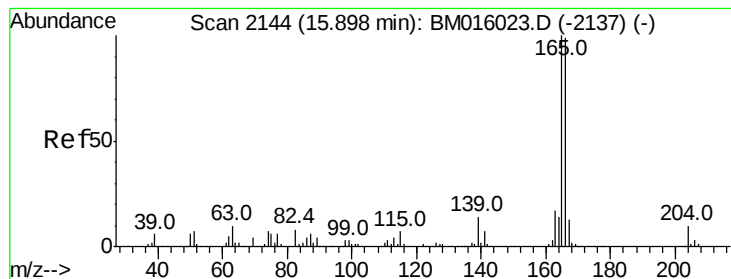
165 100

63 105.1 52.4 78.6#

89 115.0 72.4 108.6#

182 2.8 2.0 3.0





#57

Fluorene

Concen: 47.069 ng

RT: 15.80 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

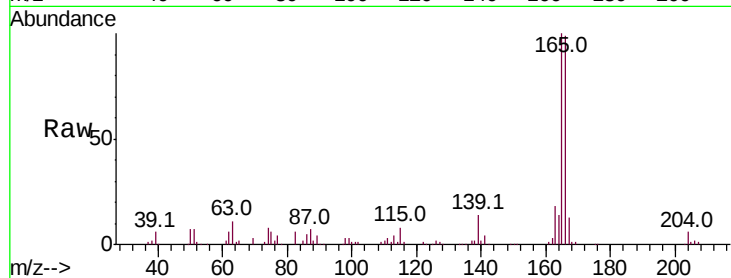
Tot Ion:166 Resp: 225989

Ion Ratio Lower Upper

166 100

165 101.1 79.0 118.4

167 13.0 10.3 15.5

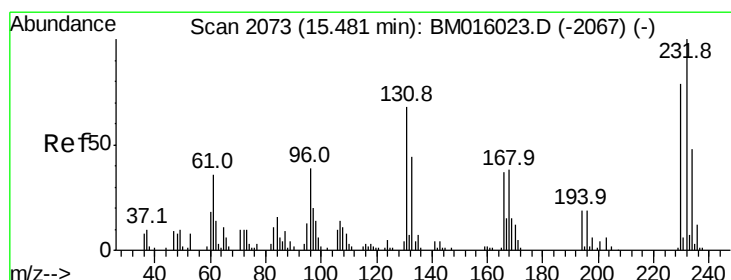
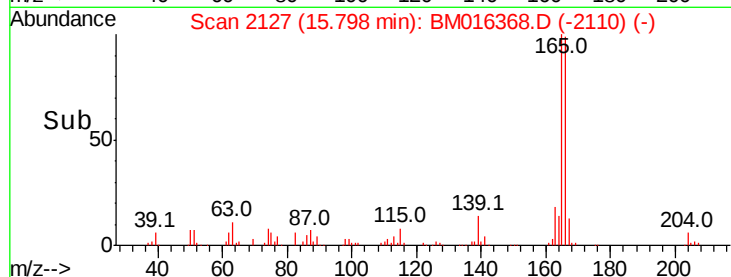
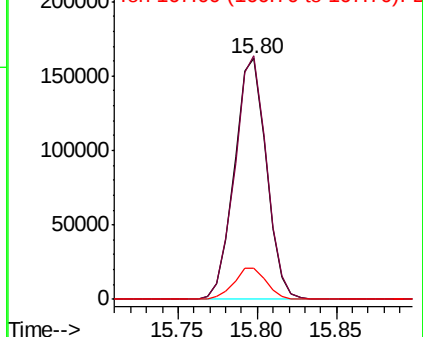


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.685 ng

RT: 15.38 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Tgt Ion:232 Resp: 58213

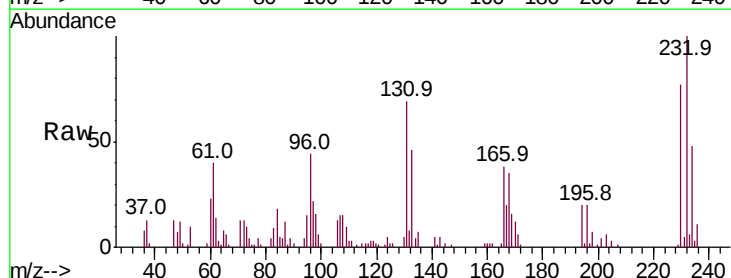
Ion Ratio Lower Upper

232 100

131 67.3 0.0 0.0#

130 5.1 0.0 0.0#

166 36.5 0.0 0.0#



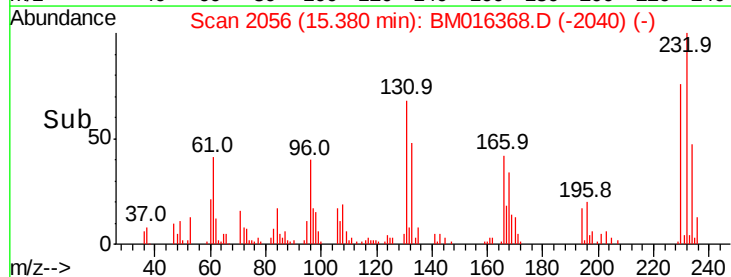
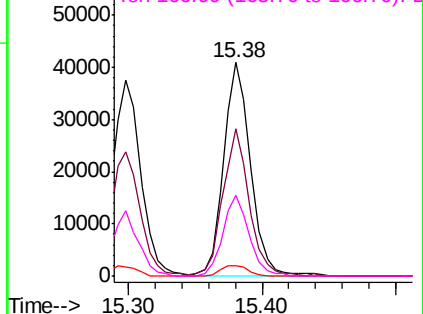
Abundance

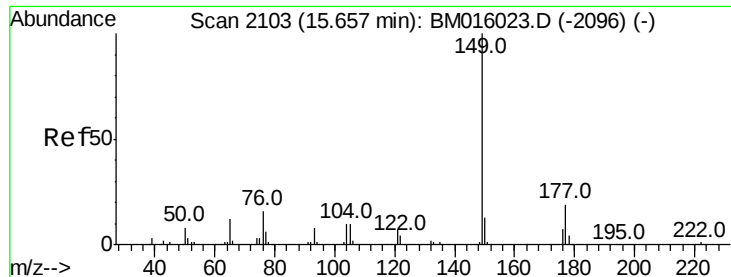
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

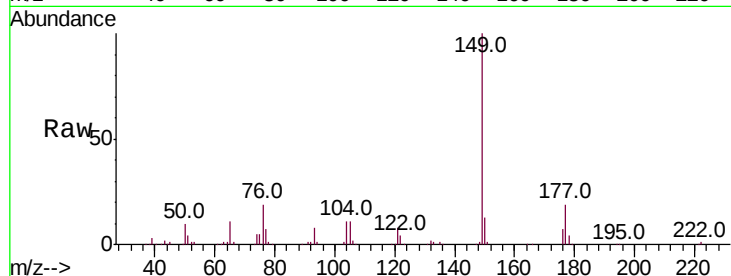




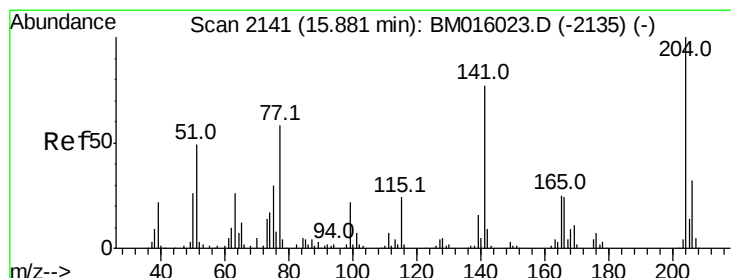
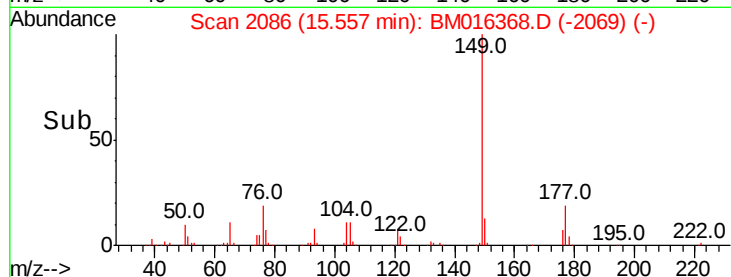
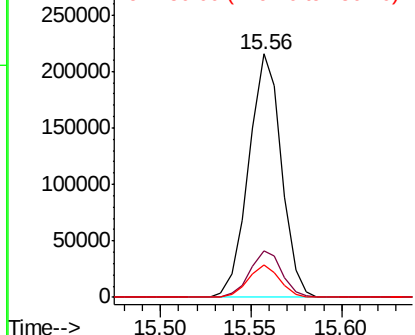
#59
Diethylphthalate
Concen: 46.060 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:149 Resp: 269556
Ion Ratio Lower Upper
149 100
177 19.3 18.3 27.5
150 13.1 9.8 14.8

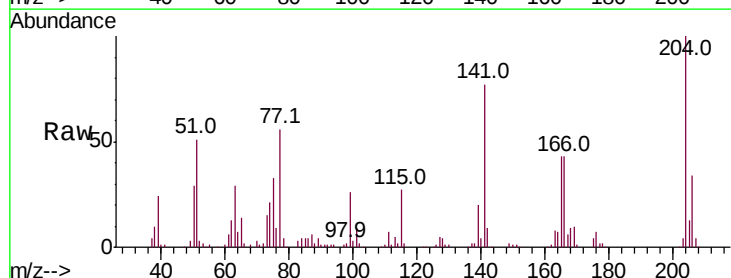


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

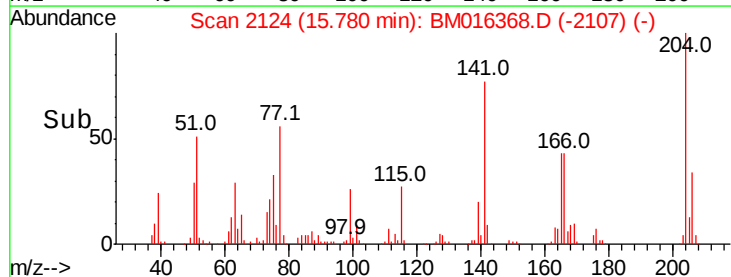
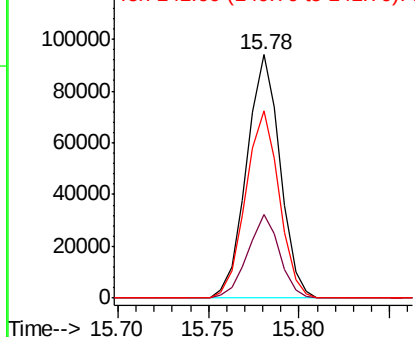


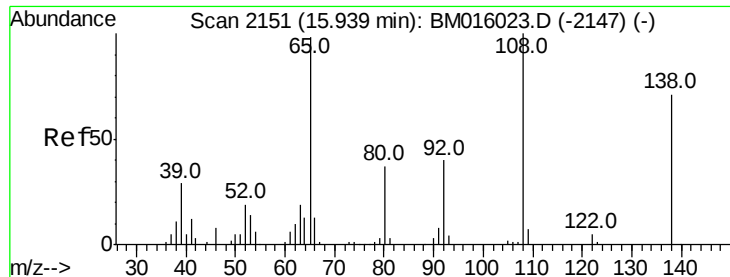
#60
4-Chlorophenyl-phenylether
Concen: 45.120 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:204 Resp: 120596
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 77.0 45.2 67.8#



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

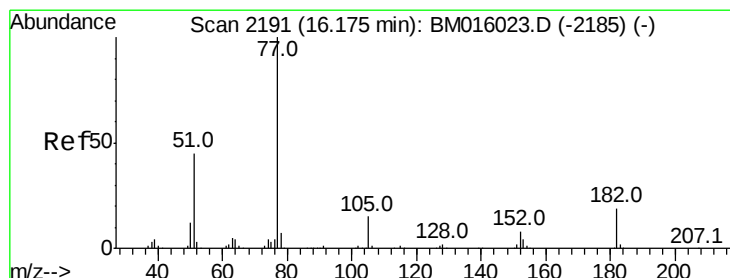
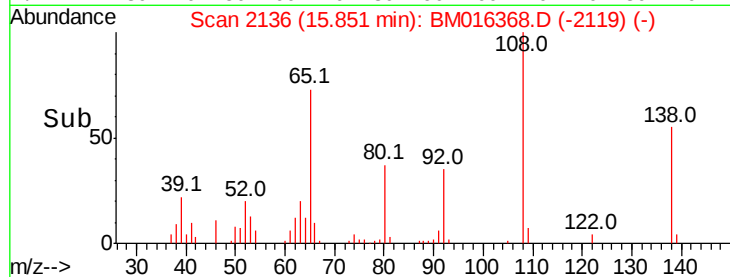
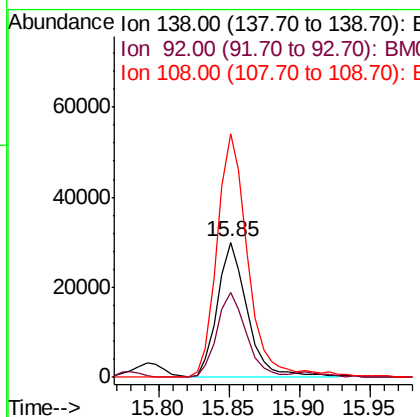
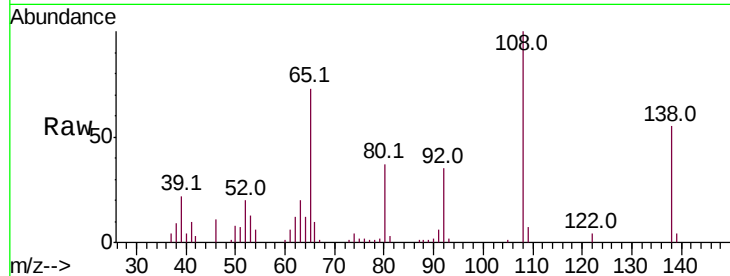




#61
4-Nitroaniline
Concen: 39.462 ng
RT: 15.85 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

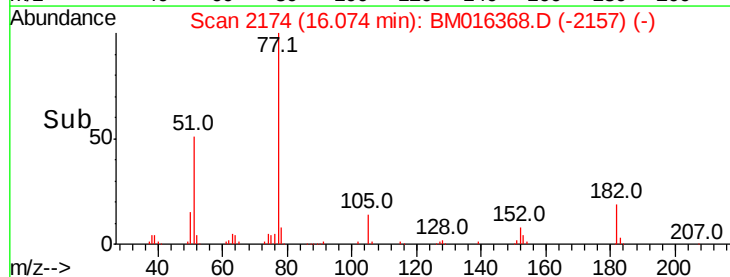
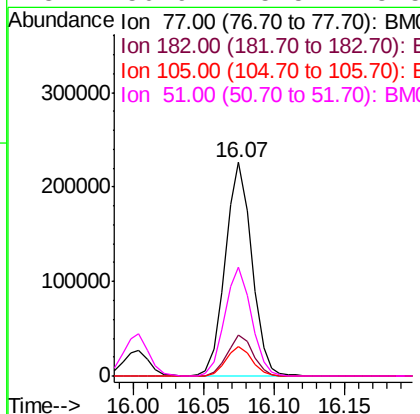
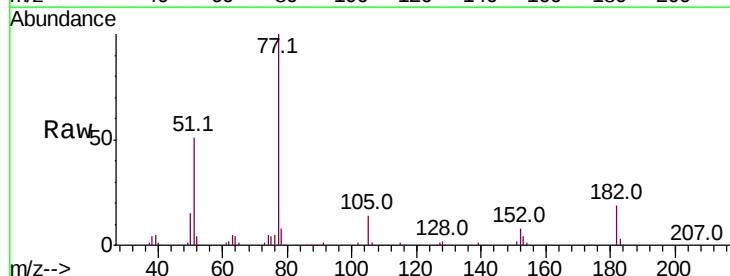
Instrument :
BNA_M
ClientSampleId :
PB112011BS

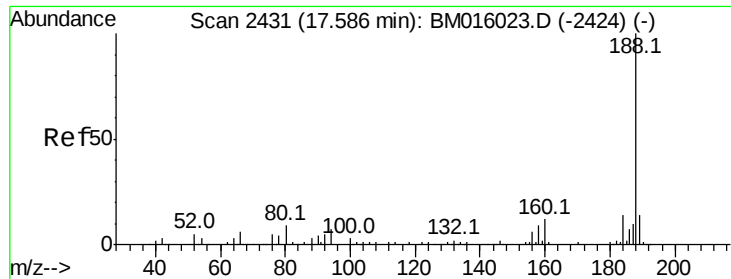
Tot Ion:138 Resp: 44676
Ion Ratio Lower Upper
138 100
92 62.8 16.7 56.7#
108 180.2 37.6 77.6#



#62
Azobenzene
Concen: 48.086 ng
RT: 16.07 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion: 77 Resp: 296369
Ion Ratio Lower Upper
77 100
182 18.9 6.5 46.5
105 13.8 3.8 43.8
51 50.9 5.5 45.5#

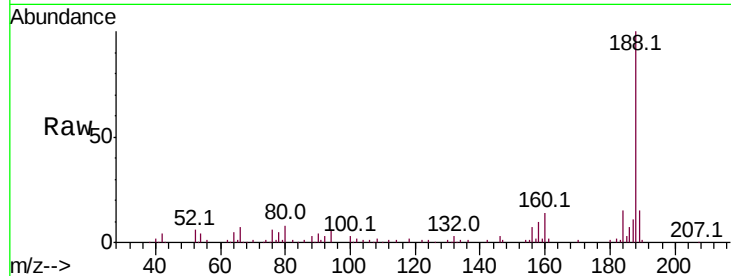




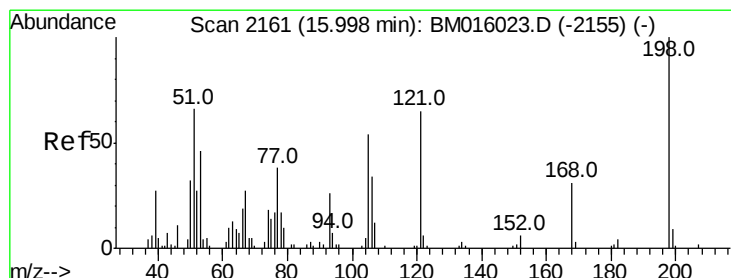
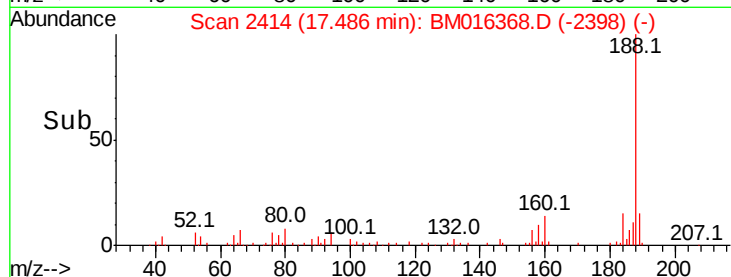
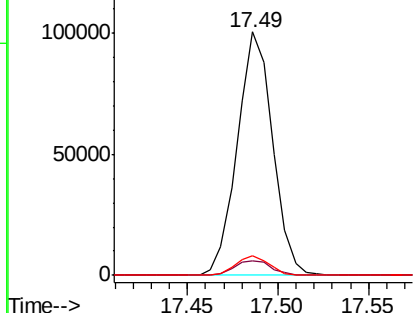
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:188 Resp: 136165
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.7 13.1#
 80 8.1 9.3 13.9#

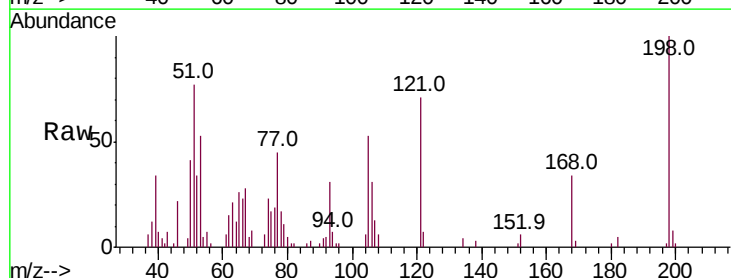


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

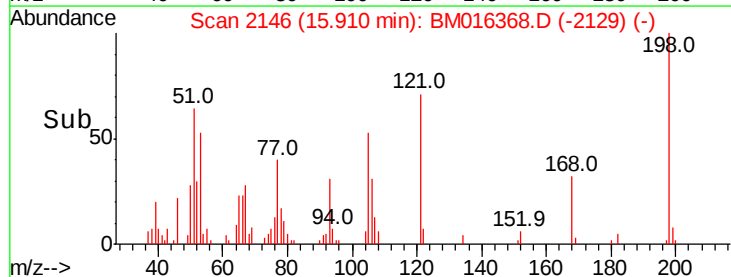
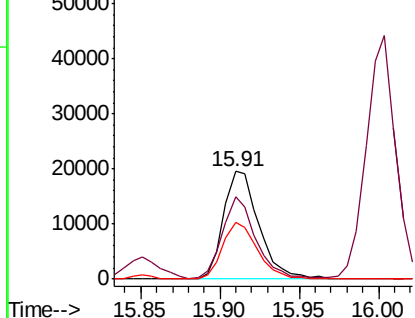


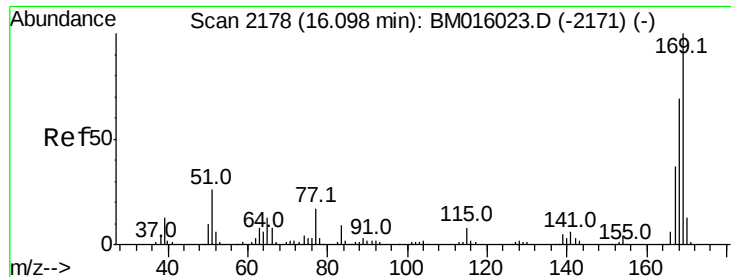
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.681 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:198 Resp: 30316
 Ion Ratio Lower Upper
 198 100
 51 76.5 28.8 68.8#
 105 52.8 30.5 70.5



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

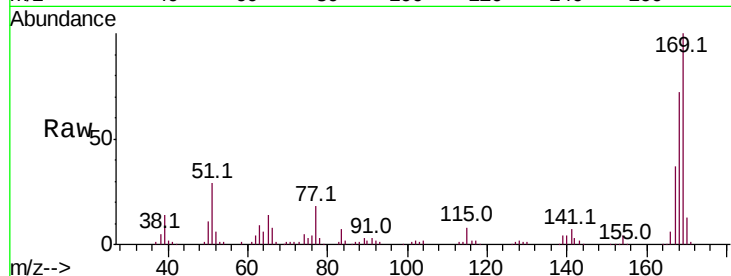




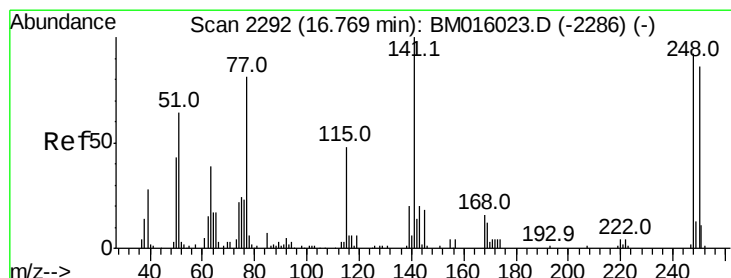
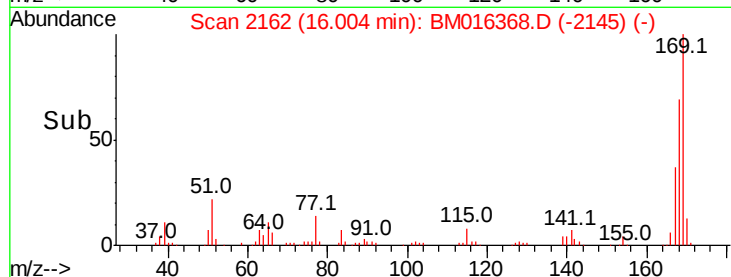
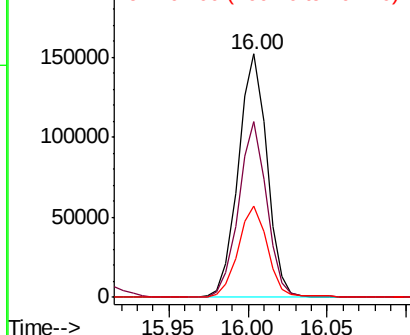
#65
 n-Nitrosodiphenylamine
 Concen: 42.646 ng
 RT: 16.00 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:169 Resp: 191211
 Ion Ratio Lower Upper
 169 100
 168 72.2 53.9 80.9
 167 37.3 28.9 43.3

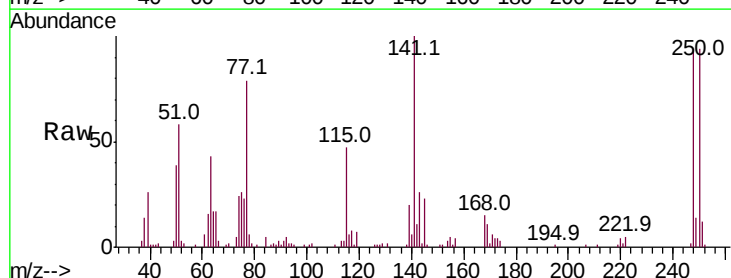


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

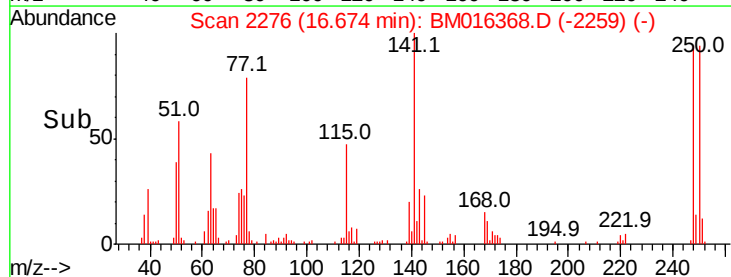
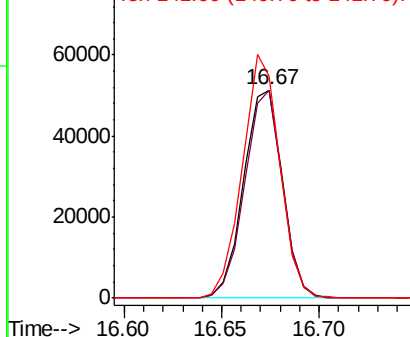


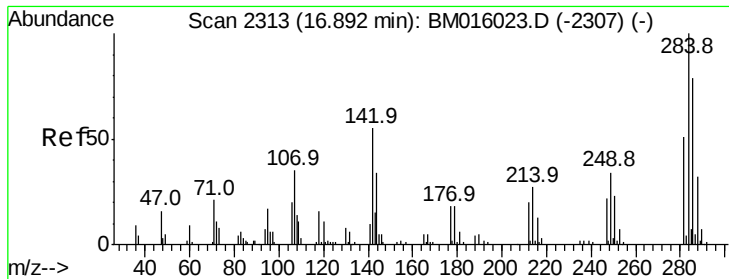
#66
 4-Bromophenyl-phenylether
 Concen: 45.854 ng
 RT: 16.67 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:248 Resp: 70700
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.4 116.0
 141 106.3 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

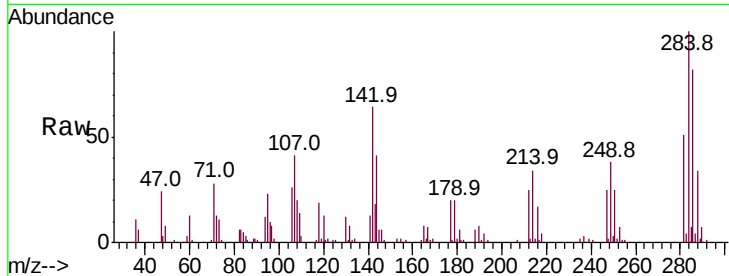




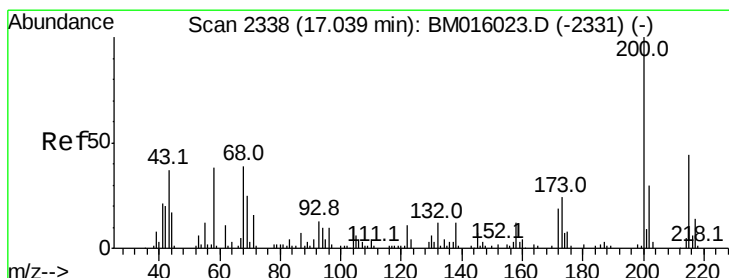
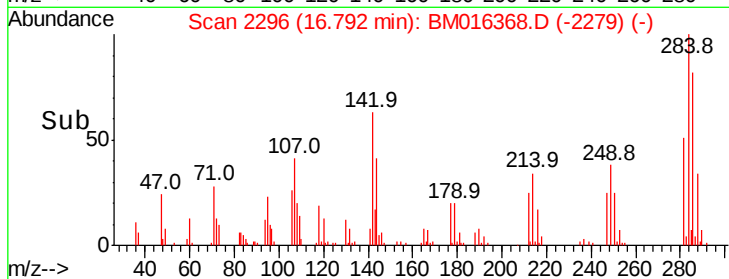
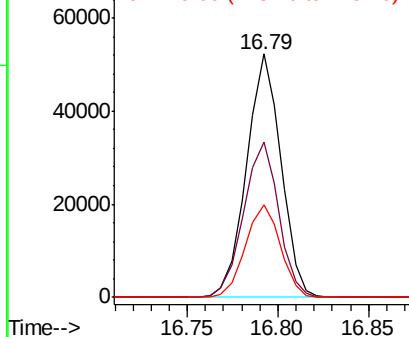
#67
Hexachlorobenzene
Concen: 40.669 ng
RT: 16.79 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:284 Resp: 69054
Ion Ratio Lower Upper
284 100
142 63.8 20.4 30.6#
249 38.0 23.8 35.6#

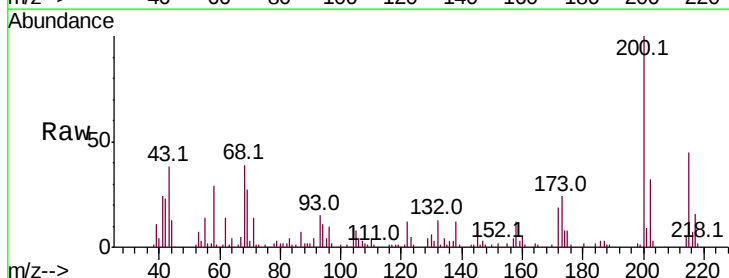


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

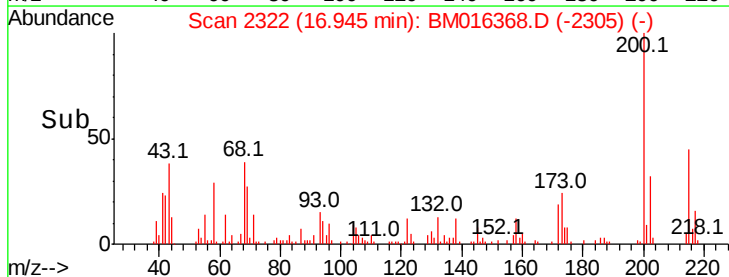
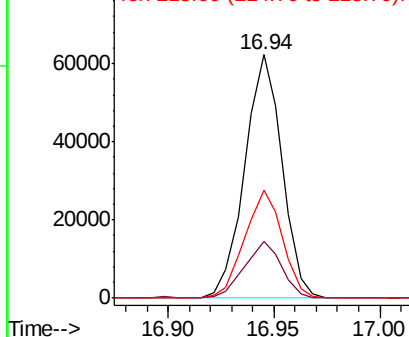


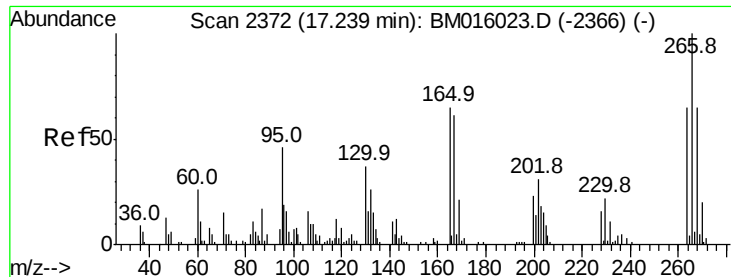
#68
Atrazine
Concen: 47.337 ng
RT: 16.94 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:200 Resp: 76070
Ion Ratio Lower Upper
200 100
173 23.5 4.8 44.8
215 44.5 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

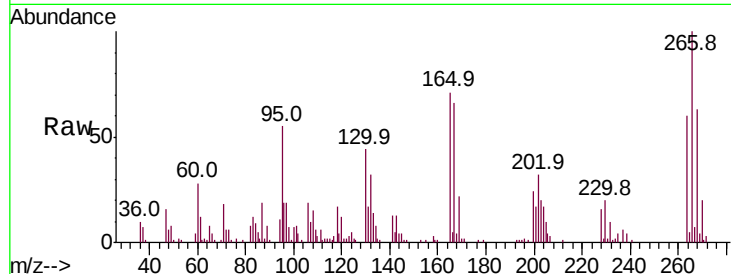




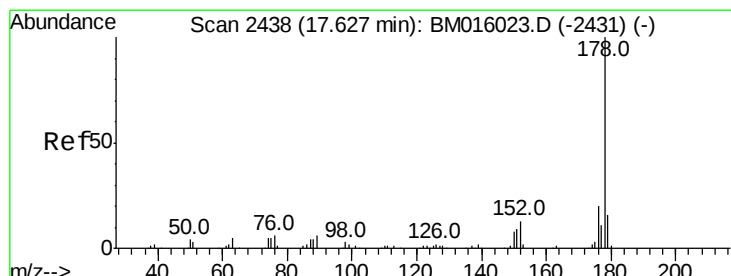
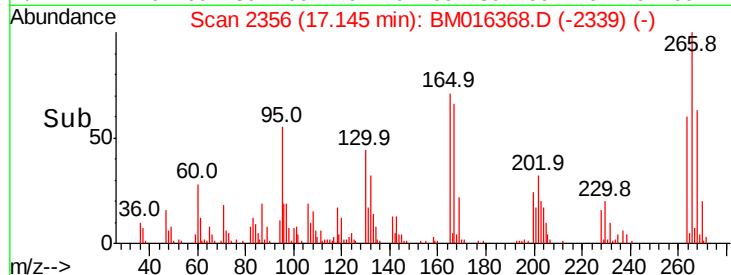
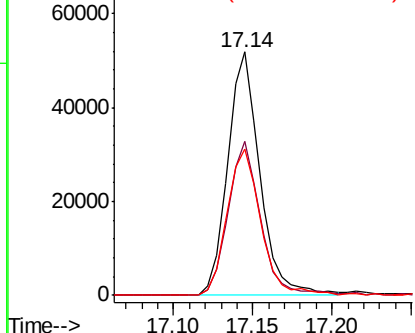
#69
 Pentachlorophenol
 Concen: 69.253 ng
 RT: 17.14 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:266 Resp: 72814
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.0 78.0
 264 60.0 49.0 73.4

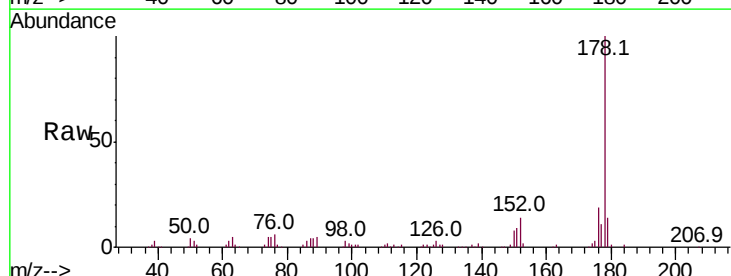


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

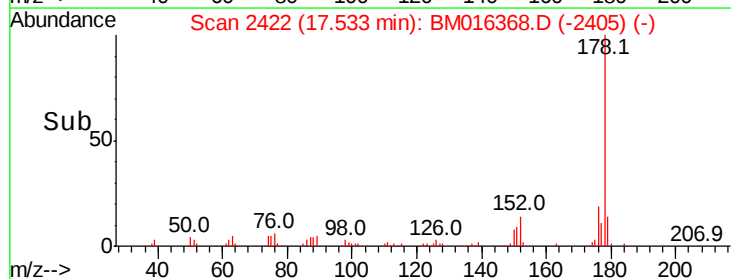
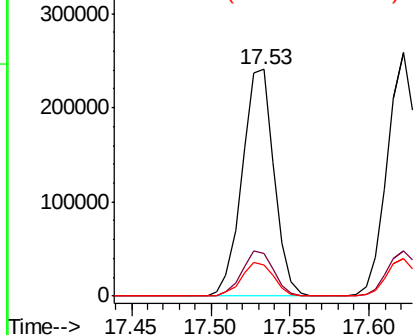


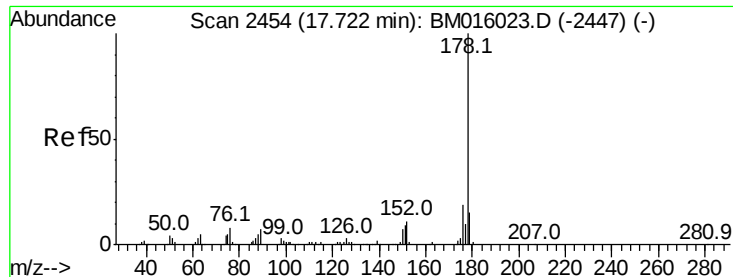
#70
 Phenanthrene
 Concen: 44.120 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:178 Resp: 336342
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 14.0 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

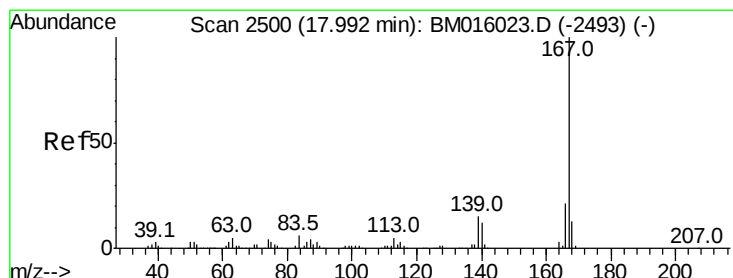
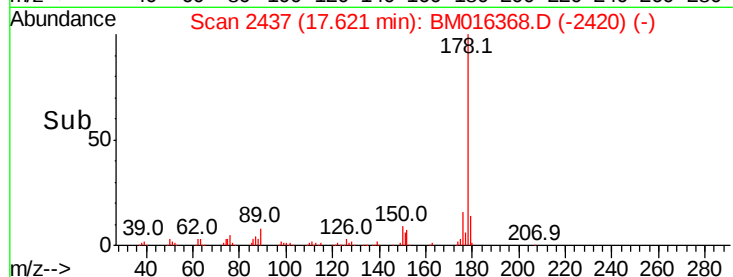
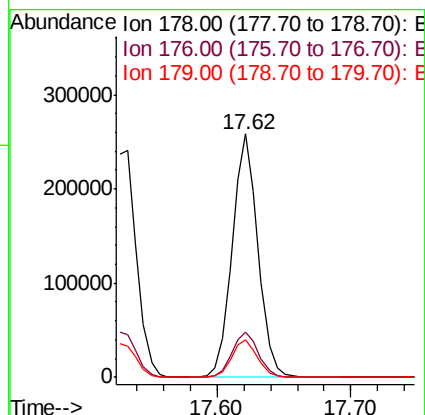
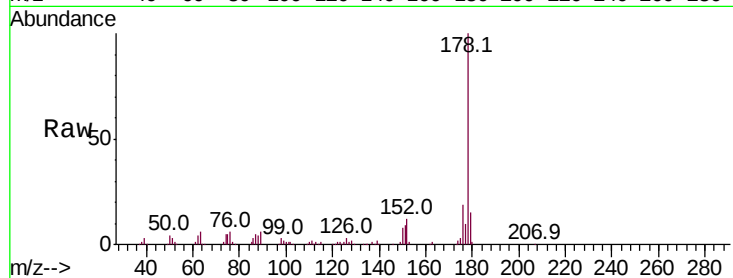




#71
 Anthracene
 Concen: 46.807 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

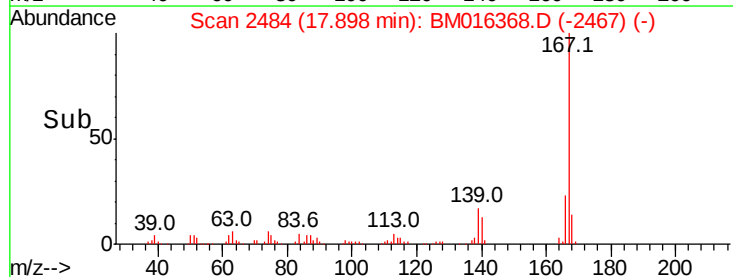
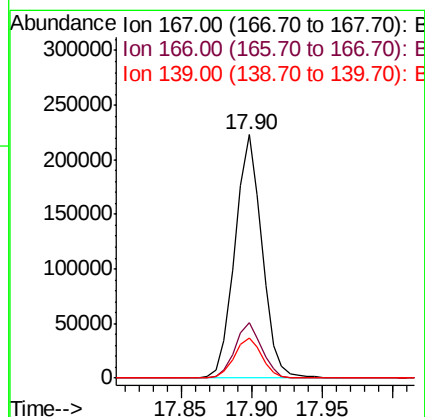
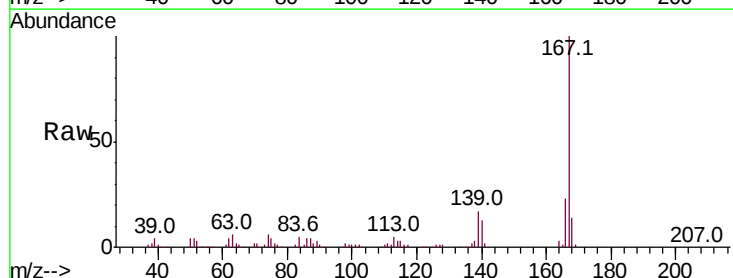
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

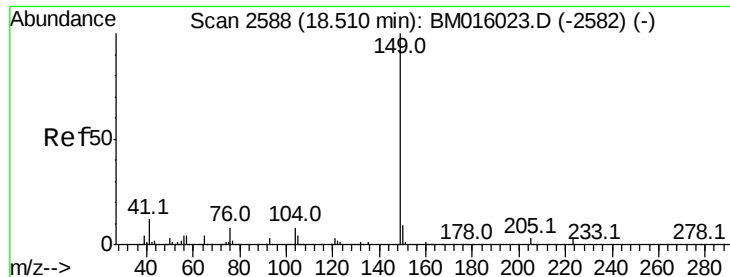
Tot Ion:178 Resp: 346798
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 38.805 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:167 Resp: 297849
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 16.5 10.8 16.2#

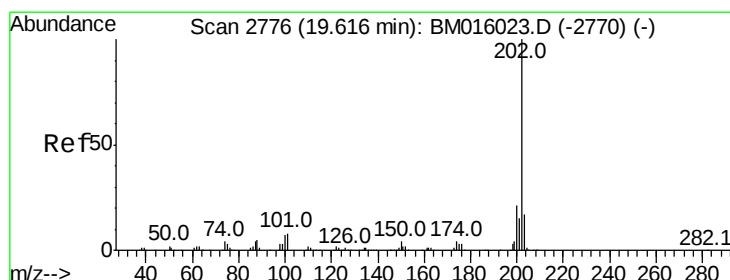
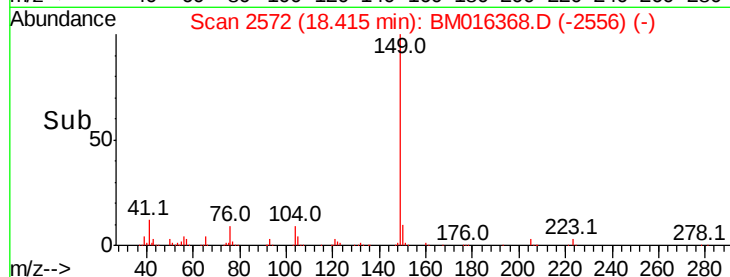
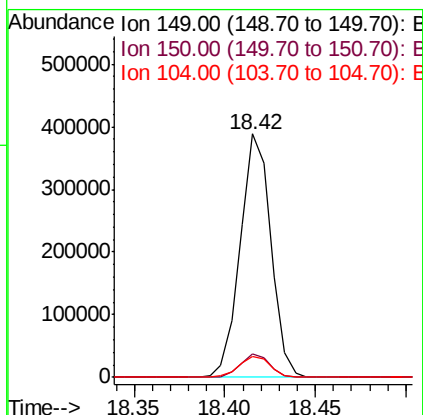
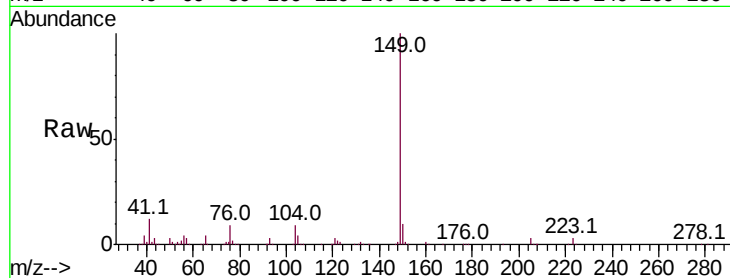




#73
Di-n-butylphthalate
Concen: 47.712 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

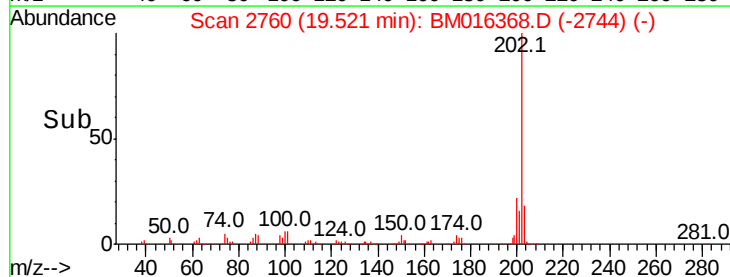
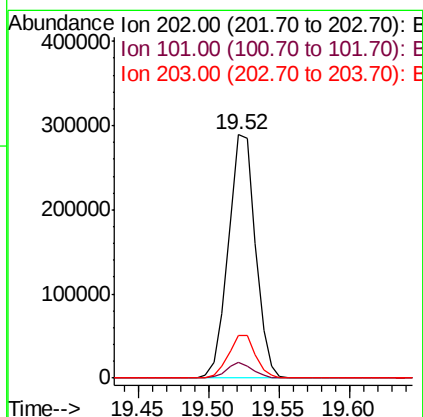
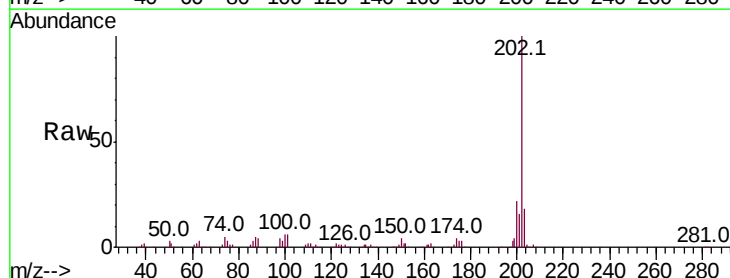
Instrument :
BNA_M
ClientSampleId :
PB112011BS

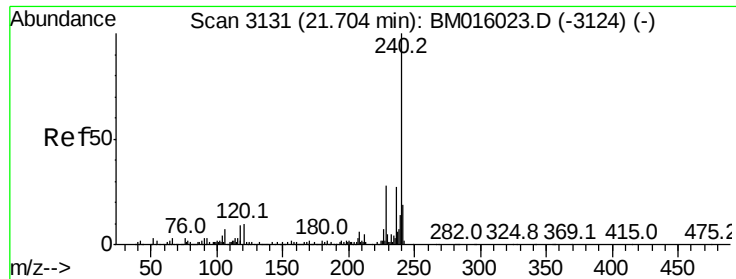
Tot Ion:149 Resp: 456344
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 8.6 3.7 5.5#



#74
Fluoranthene
Concen: 45.565 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:202 Resp: 387467
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.7
203 17.7 0.0 37.2

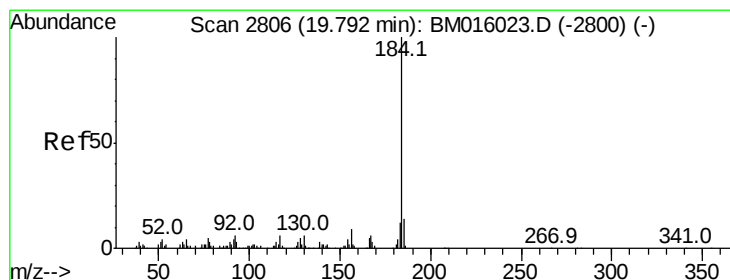
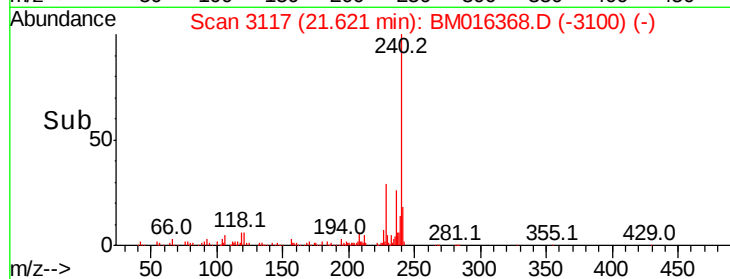
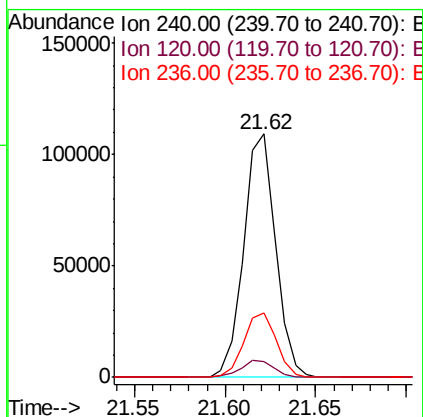
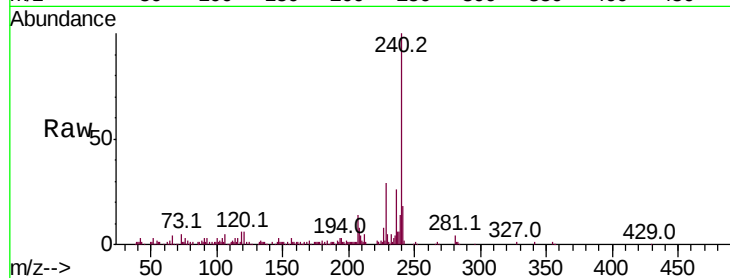




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

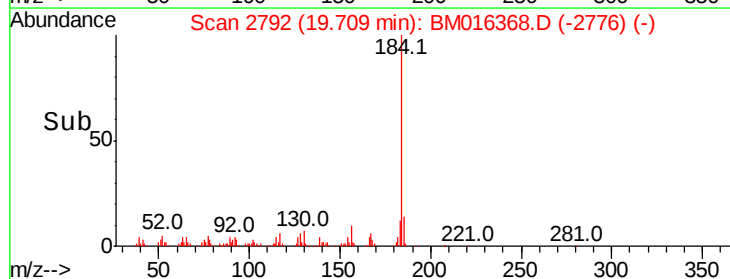
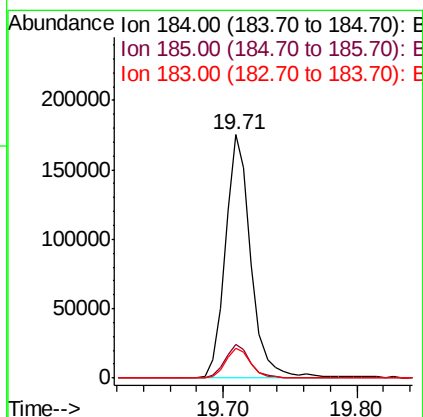
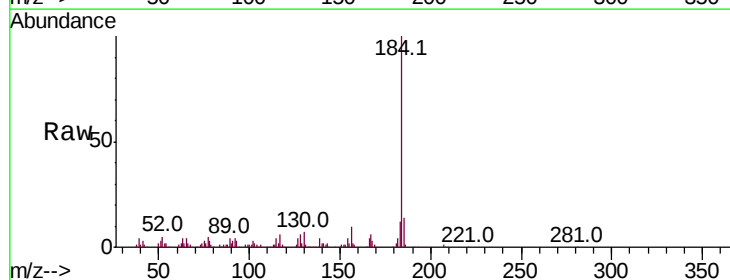
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

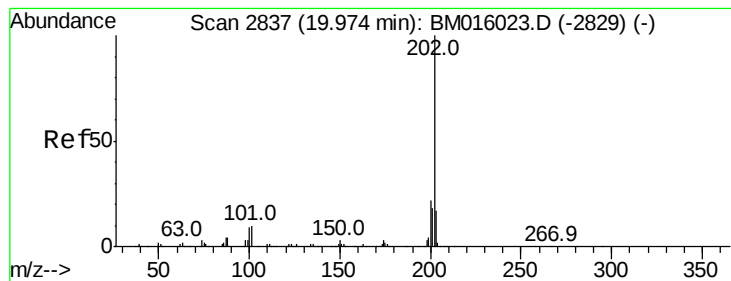
Tot Ion:	240	Resp:	133669
Ion	Ratio	Lower	Upper
240	100		
120	6.5	8.2	12.2#
236	26.2	20.0	30.0



#76
 Benzidine
 Concen: 62.768 ng
 RT: 19.71 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:	184	Resp:	234456
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	12.4	8.9	13.3





#77

Pvrene

Concen: 48.704 ng

RT: 19.89 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

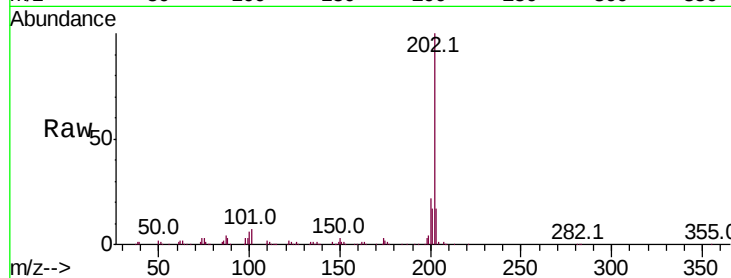
Tot Ion:202 Resp: 390134

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

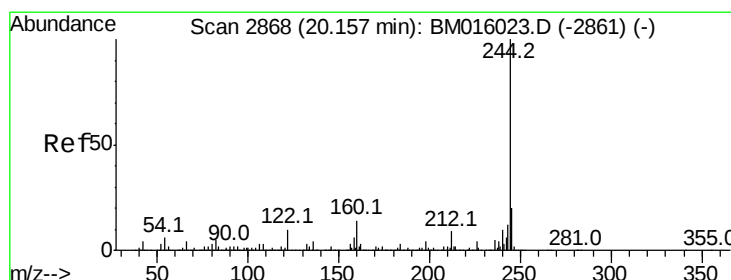
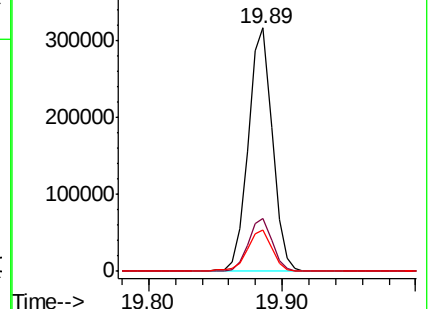
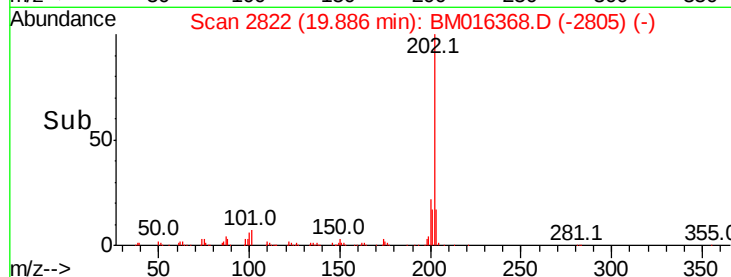
203 17.3 14.1 21.1



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: 48.704 ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

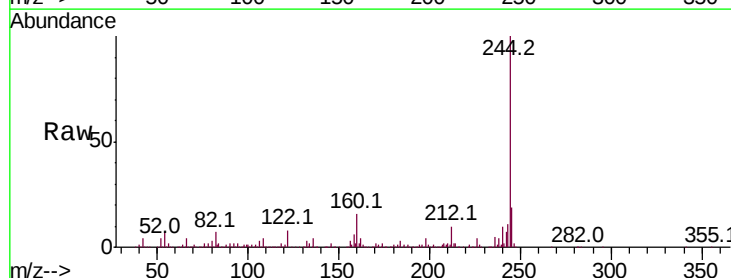
Tgt Ion:244 Resp: 694312

Ion Ratio Lower Upper

244 100

212 10.1 4.9 7.3#

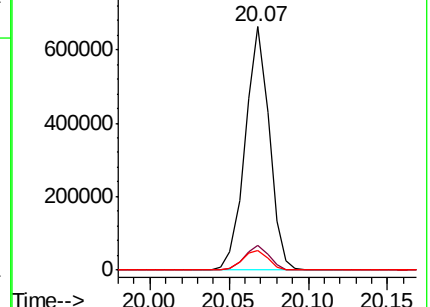
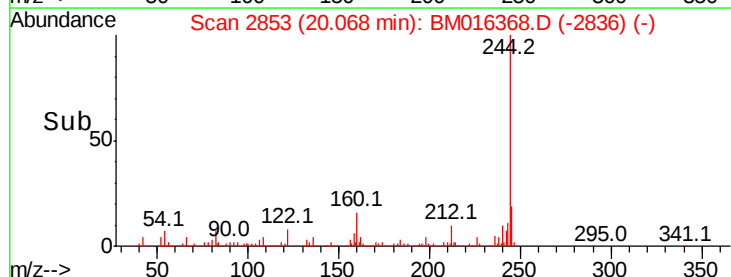
122 8.2 6.2 9.4

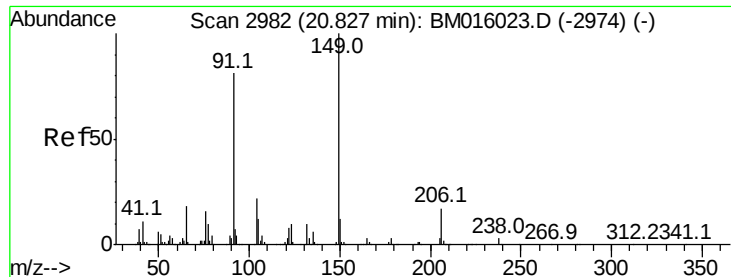


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

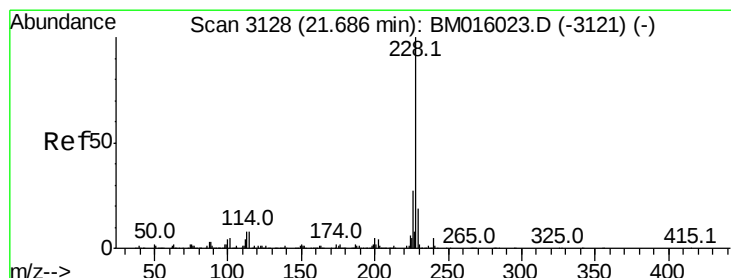
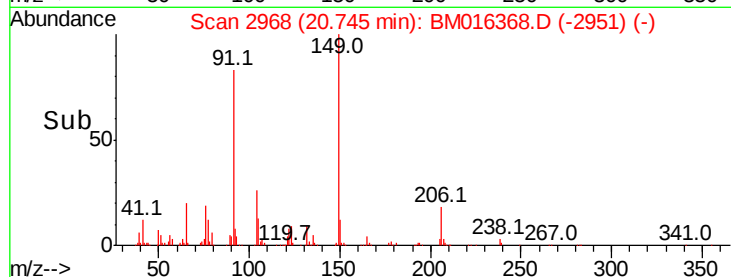
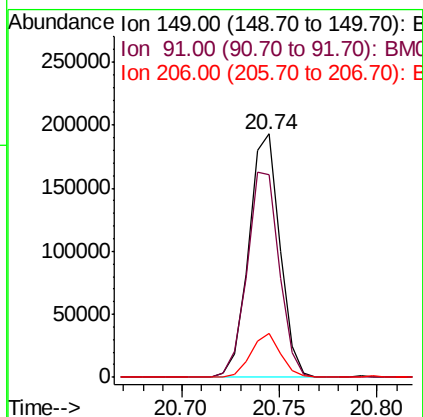
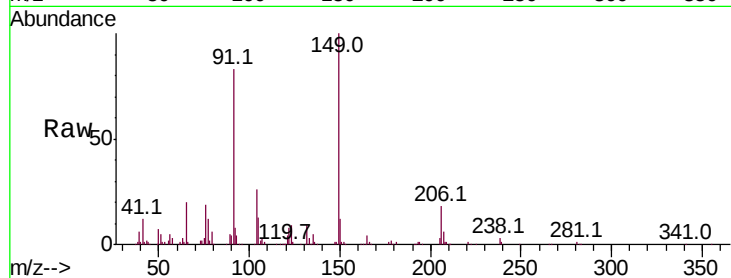




#79
Butylbenzylphthalate
Concen: 52.642 ng
RT: 20.74 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

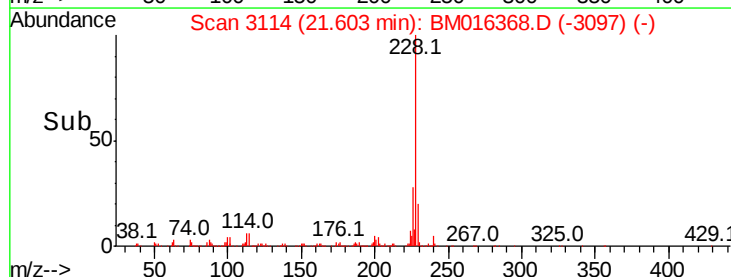
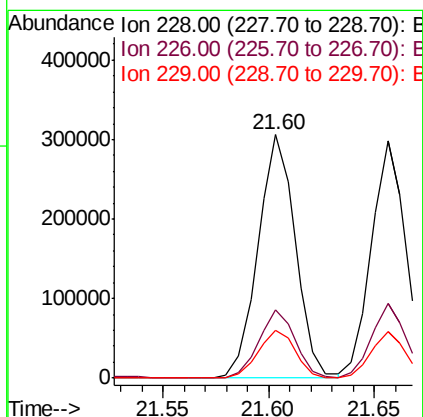
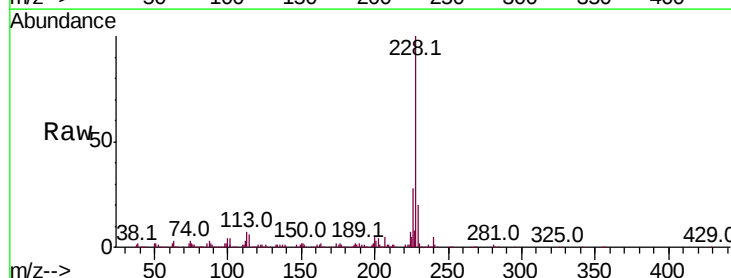
Instrument :
BNA_M
ClientSampleId :
PB112011BS

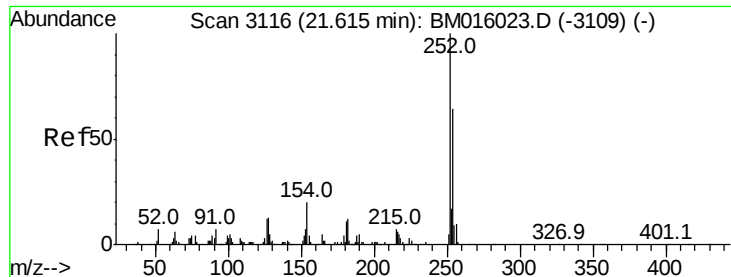
Tot Ion:149 Resp: 214217
Ion Ratio Lower Upper
149 100
91 83.2 50.1 75.1#
206 17.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 45.578 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016368.D
Acq: 15 Aug 2018 01:05

Tgt Ion:228 Resp: 375236
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.7 16.0 24.0

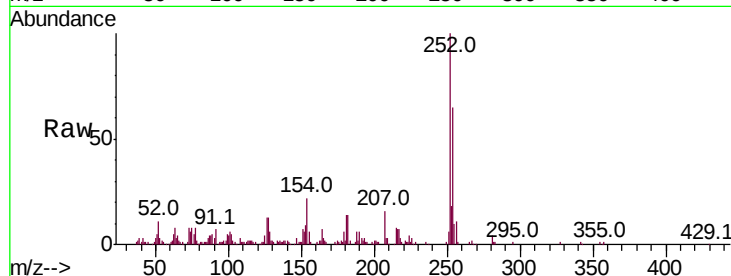




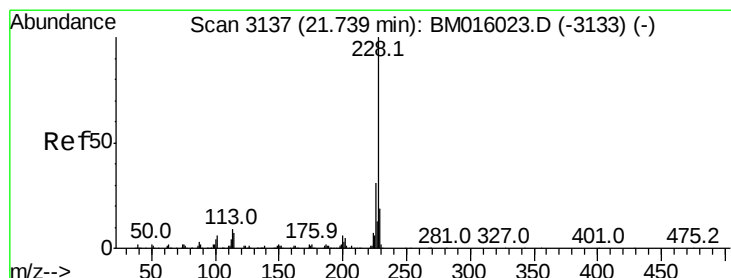
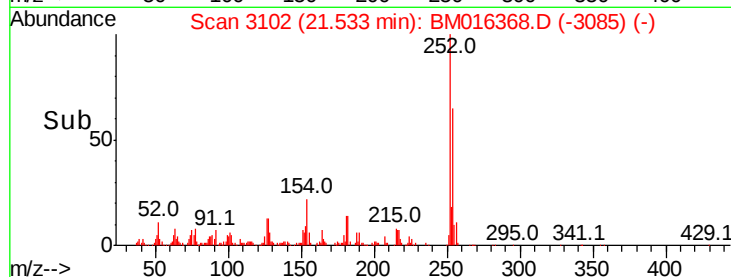
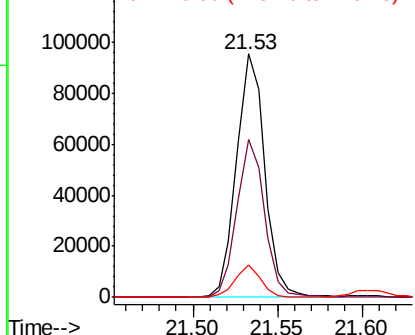
#81
 3,3'-Dichlorobenzidine
 Concen: 33.700 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:252 Resp: 111751
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.9 77.9
 126 13.2 9.8 14.8

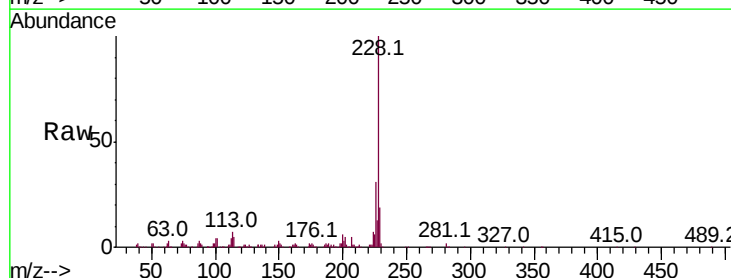


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

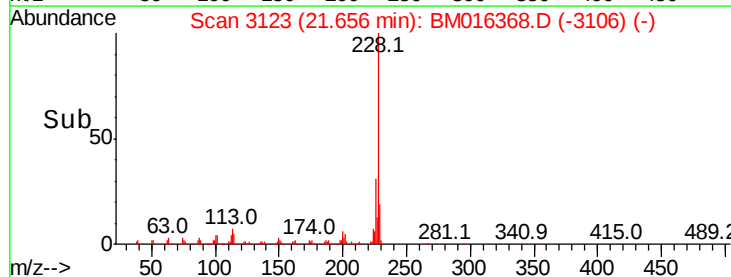
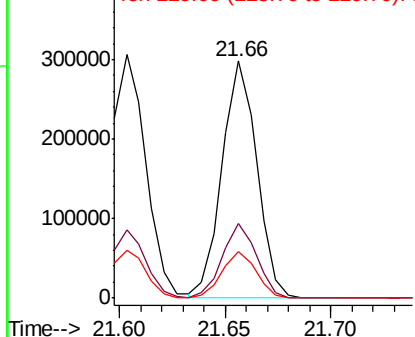


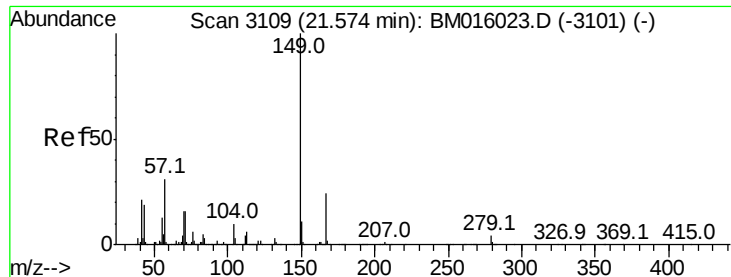
#82
 Chrysene
 Concen: 43.077 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Tgt Ion:228 Resp: 340198
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.1 36.1
 229 19.5 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: 52.430 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

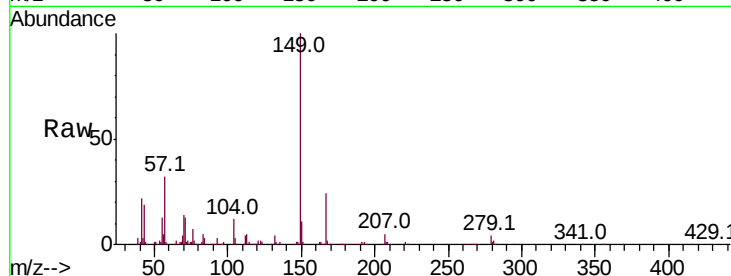
Tot Ion:149 Resp: 309203

Ion Ratio Lower Upper

149 100

167 23.6 22.4 33.6

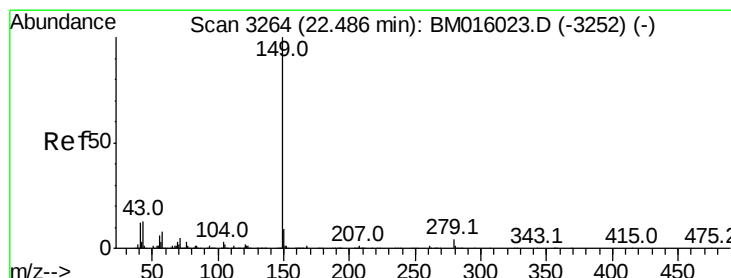
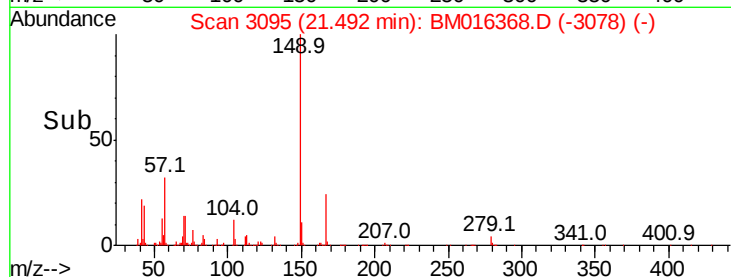
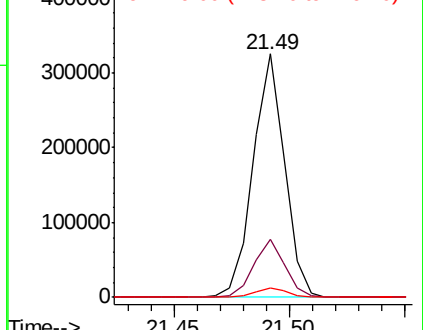
279 3.8 3.4 5.0



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: 48.381 ng

RT: 22.39 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

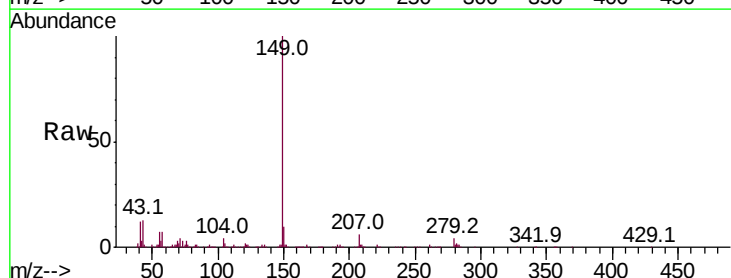
Tgt Ion:149 Resp: 479549

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

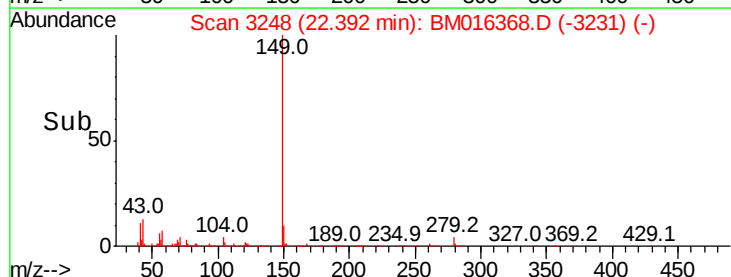
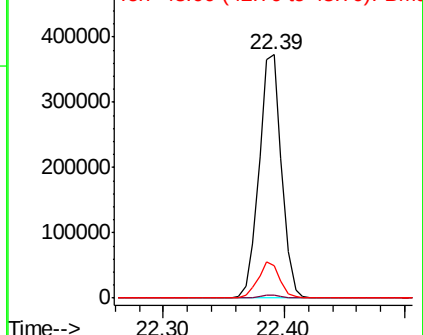
43 14.1 7.3 10.9#

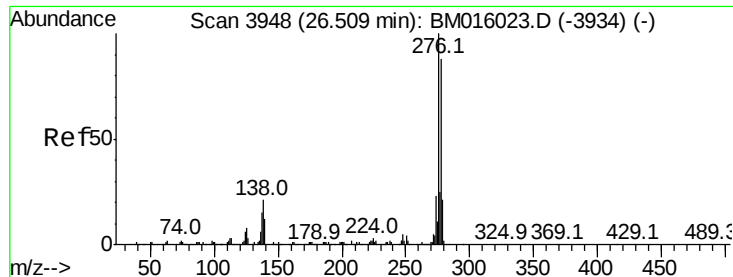


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.168 ng

RT: 26.33 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

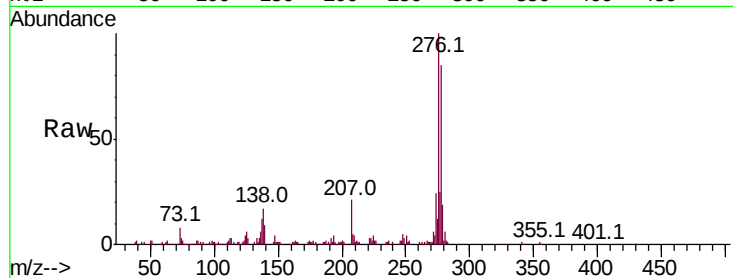
BNA_M

ClientSampleId :

PB112011BS

Tot Ion:276 Resp: 367067

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.0	18.0
277	25.3	20.0	30.0

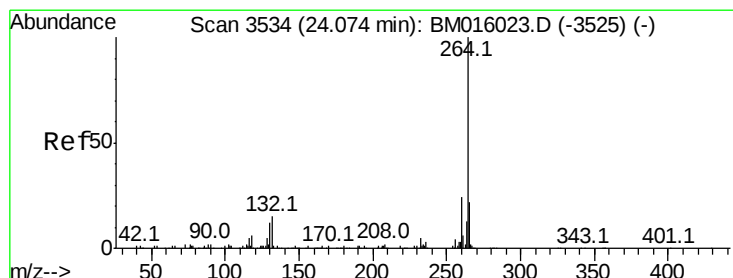
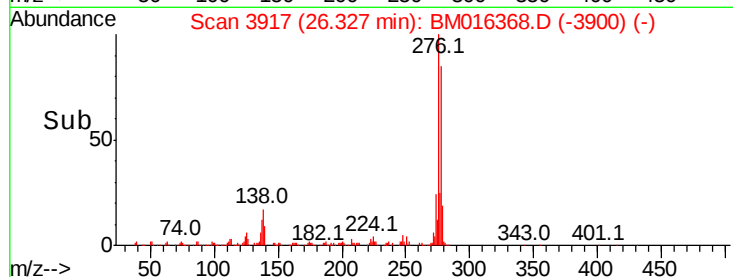
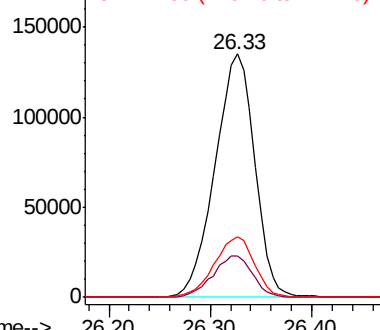


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3512

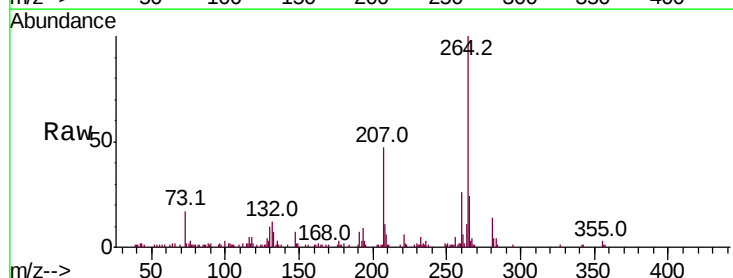
Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Tgt Ion:264 Resp: 111475

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.6	27.8
265	23.7	17.3	25.9

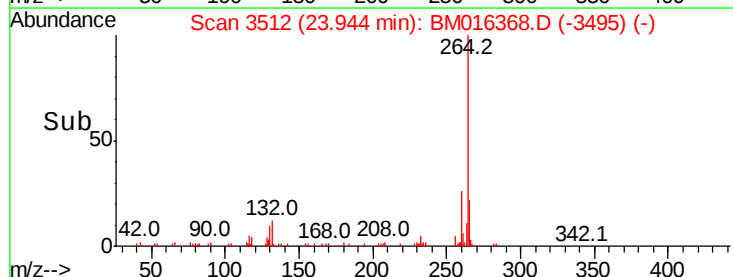
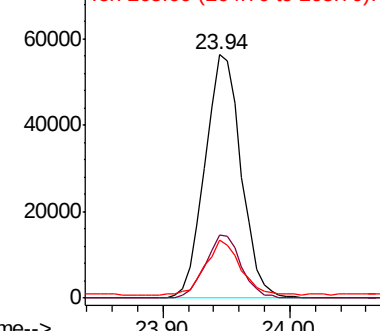


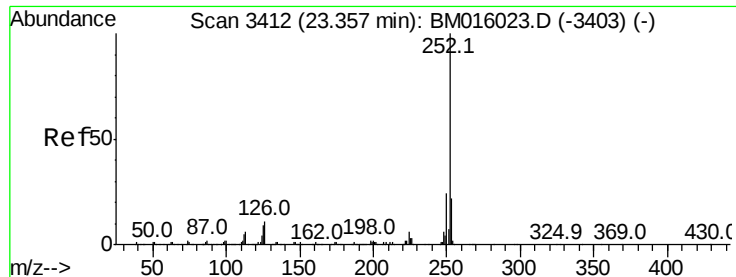
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.625 ng

RT: 23.24 min Scan# 3393

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

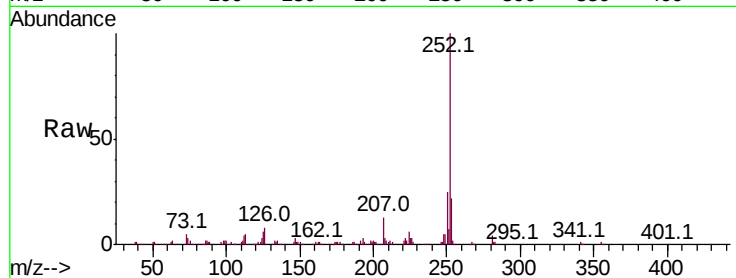
Tot Ion:252 Resp: 319144

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

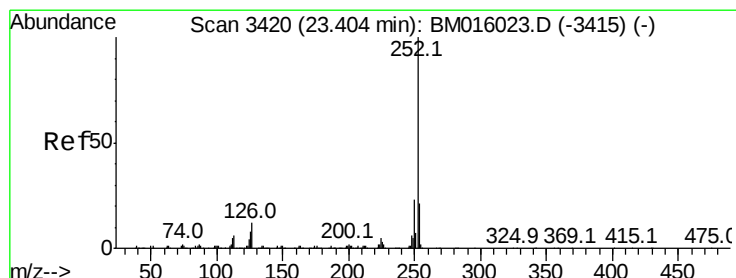
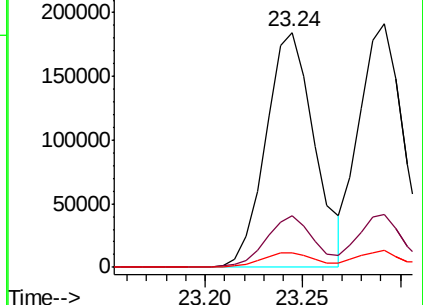
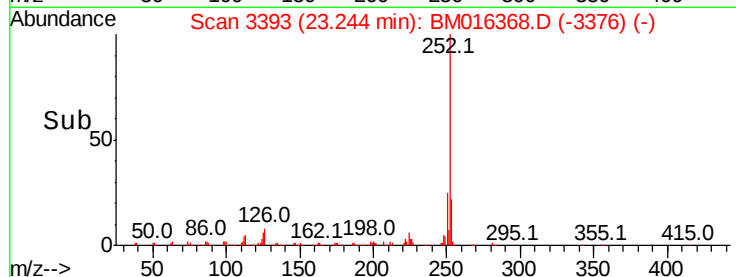
125 6.2 9.9 14.9#



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: 44.781 ng

RT: 23.29 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

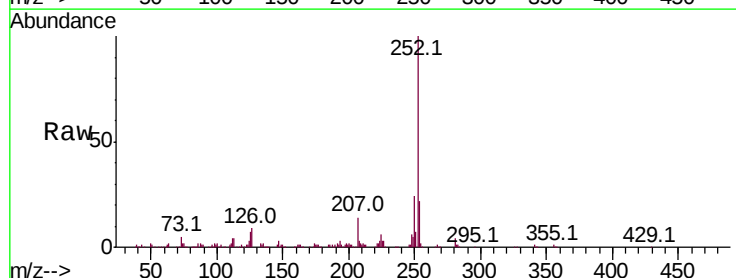
Tgt Ion:252 Resp: 297870

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

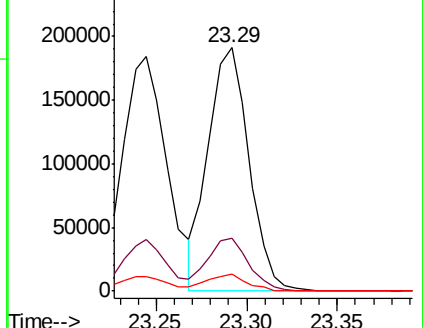
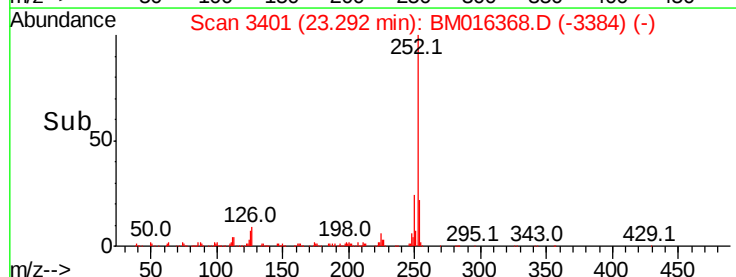
125 6.8 8.1 12.1#

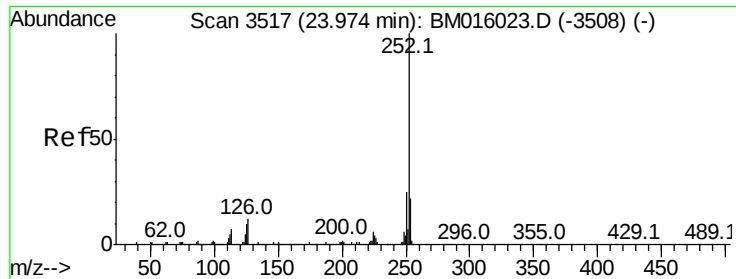


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.921 ng

RT: 23.85 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

Instrument :

BNA_M

ClientSampleId :

PB112011BS

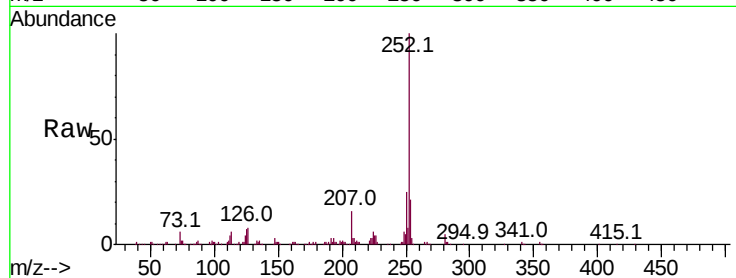
Tot Ion:252 Resp: 296056

Ion Ratio Lower Upper

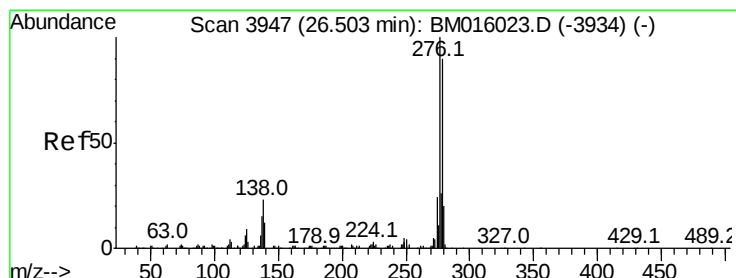
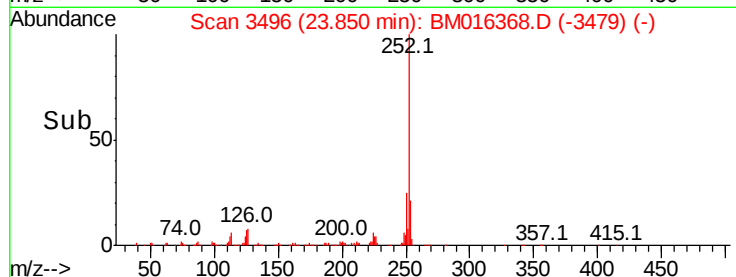
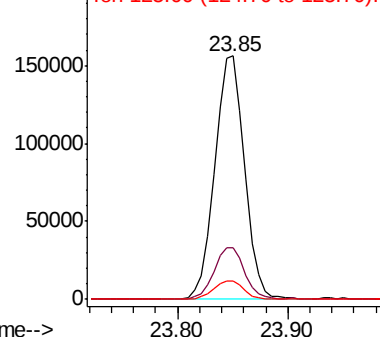
252 100

253 21.2 17.6 26.4

125 7.3 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: 47.101 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016368.D

Acq: 15 Aug 2018 01:05

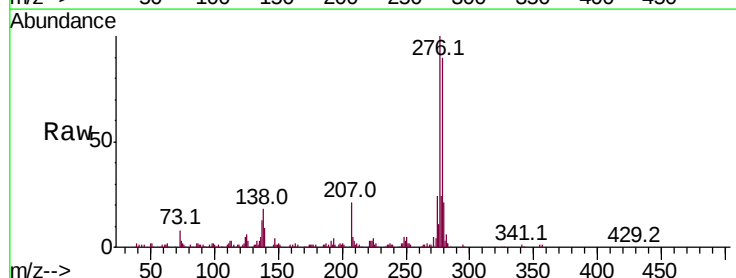
Tgt Ion:278 Resp: 307909

Ion Ratio Lower Upper

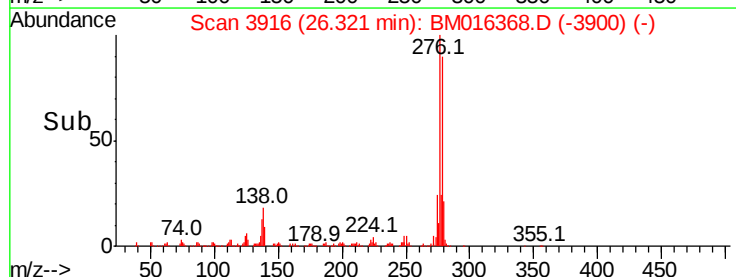
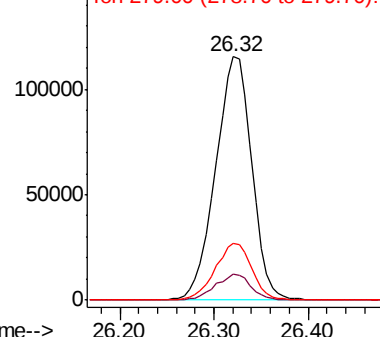
278 100

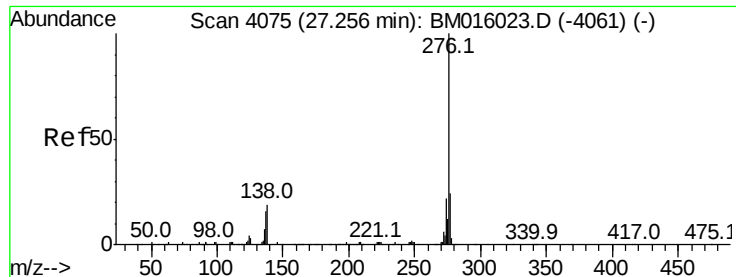
139 10.5 13.4 20.0#

279 23.2 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: 46.341 ng
 RT: 27.06 min Scan# 4041
 Delta R.T. 0.00 min
 Lab File: BM016368.D
 Acq: 15 Aug 2018 01:05

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	14.7	19.0	28.6

