

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081418\
 Data File : BM016369.D
 Acq On : 15 Aug 2018 01:41
 Operator : SJ/JU
 Sample : PB112011BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Quant Time: Aug 15 11:33:02 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	23451	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	100072	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	58924	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	134816	20.00	ng	0.00
75) Chrysene-d12	21.62	240	139278	20.00	ng	0.00
86) Perylene-d12	23.94	264	112571	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	136638	96.79	ng	0.00
7) Phenol-d6	7.29	99	170856	92.67	ng	0.00
23) Nitrobenzene-d5	9.30	82	176196	81.89	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	70545	94.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	402083	83.03	ng	0.00
78) Terphenyl-d14	20.07	244	715837	107.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	26760	40.456	ng	# 100
3) Pyridine	3.87	79	58644	36.803	ng	# 71
4) n-Nitrosodimethylamine	3.79	42	67287	54.139	ng	# 26
6) Aniline	7.45	93	64555	30.410	ng	# 87
8) 2-Chlorophenol	7.67	128	73877	44.030	ng	# 98
9) Benzaldehyde	7.26	77	33022	25.493	ng	# 86
10) Phenol	7.31	94	80780	43.818	ng	# 91
11) bis(2-Chloroethyl)ether	7.53	93	57479	39.467	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	76953	39.182	ng	# 86
13) 1,4-Dichlorobenzene	8.15	146	78550	39.435	ng	# 93
14) 1,2-Dichlorobenzene	8.46	146	76310	39.154	ng	# 92
15) Benzyl Alcohol	8.37	79	65867	44.868	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.63	45	75481	33.864	ng	# 96
17) 2-Methylphenol	8.57	107	57911	45.959	ng	# 79
18) Hexachloroethane	9.18	117	37293	43.313	ng	# 97
19) n-Nitroso-di-n-propylamine	8.93	70	55006	40.819	ng	# 70
20) 3+4-Methylphenols	8.90	107	76976	42.459	ng	# 81
22) Acetophenone	8.96	105	109199	43.336	ng	# 79
24) Nitrobenzene	9.35	77	90856	41.952	ng	# 96
25) Isophorone	9.86	82	144260	49.018	ng	# 94
26) 2-Nitrophenol	10.05	139	38520	42.607	ng	# 40
27) 2,4-Dimethylphenol	10.10	122	65671	52.139	ng	# 72
28) bis(2-Chloroethoxy)methane	10.33	93	79508	41.566	ng	# 99
29) 2,4-Dichlorophenol	10.59	162	69324	46.318	ng	# 93
30) 1,2,4-Trichlorobenzene	10.79	180	74119	40.758	ng	# 96
31) Naphthalene	10.97	128	215536	42.556	ng	# 99
32) Benzoic acid	10.29	122	44943	46.808	ng	# 68
33) 4-Chloroaniline	11.10	127	61839	29.920	ng	# 82
34) Hexachlorobutadiene	11.23	225	57584	45.650	ng	# 97
35) Caprolactam	11.92	113	18581	44.823	ng	# 90
36) 4-Chloro-3-methylphenol	12.23	107	78280	47.552	ng	# 84
37) 2-Methylnaphthalene	12.58	142	164198	48.397	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	91792	45.757	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	39573	44.007	ng	# 98

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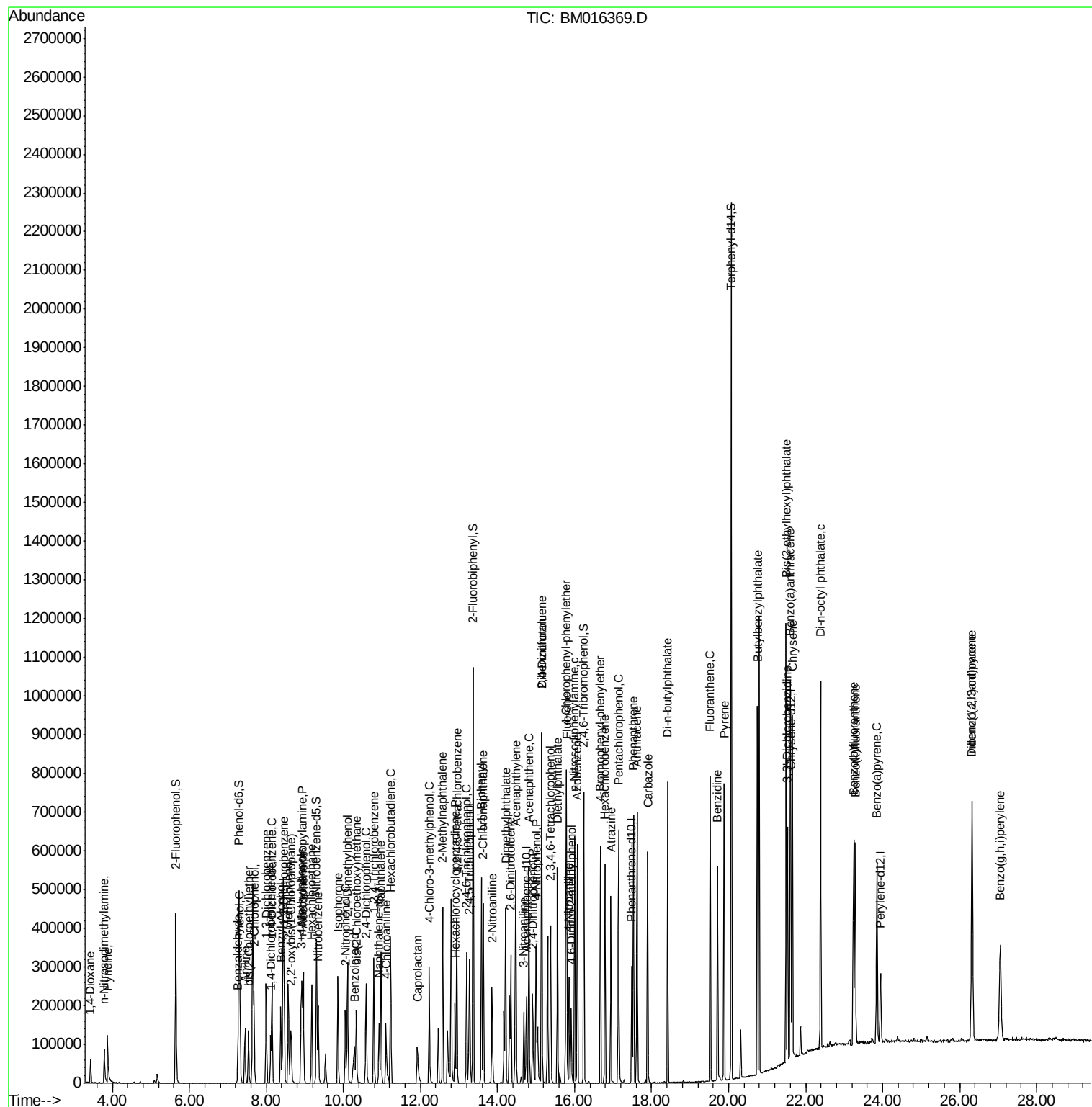
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	58255	46.415	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	59331	45.829	ng	# 79
45) 1,1'-Biphenyl	13.58	154	210979	39.675	ng	98
46) 2-Chloronaphthalene	13.63	162	165069	39.910	ng	# 88
47) 2-Nitroaniline	13.86	65	59100	43.221	ng	# 72
48) Acenaphthylene	14.47	152	272408	44.990	ng	99
49) Dimethylphthalate	14.21	163	227389	44.095	ng	98
50) 2,6-Dinitrotoluene	14.35	165	45041	43.410	ng	# 40
51) Acenaphthene	14.82	154	155943	41.877	ng	94
52) 3-Nitroaniline	14.69	138	34518	30.801	ng	# 67
53) 2,4-Dinitrophenol	14.92	184	37148	83.122	ng	# 63
54) Dibenzofuran	15.15	168	261174	42.561	ng	# 75
55) 4-Nitrophenol	15.00	139	65107	81.041	ng	86
56) 2,4-Dinitrotoluene	15.15	165	69424	46.795	ng	# 57
57) Fluorene	15.80	166	216222	47.417	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	57653	51.810	ng	# 100
59) Diethylphthalate	15.56	149	255285	45.929	ng	93
60) 4-Chlorophenyl-phenylether	15.78	204	112847	44.454	ng	# 82
61) 4-Nitroaniline	15.85	138	41819	38.893	ng	# 1
62) Azobenzene	16.07	77	288204	49.235	ng	# 72
64) 4,6-Dinitro-2-methylphenol	15.91	198	28967	35.399	ng	# 84
65) n-Nitrosodiphenylamine	16.00	169	181571	40.901	ng	93
66) 4-Bromophenyl-phenylether	16.67	248	68257	44.712	ng	# 70
67) Hexachlorobenzene	16.79	284	67436	40.114	ng	# 59
68) Atrazine	16.94	200	74937	47.099	ng	96
69) Pentachlorophenol	17.14	266	72365	69.515	ng	97
70) Phenanthrene	17.53	178	331361	43.902	ng	99
71) Anthracene	17.62	178	341080	46.496	ng	98
72) Carbazole	17.90	167	302507	39.806	ng	96
73) Di-n-butylphthalate	18.42	149	448611	47.373	ng	# 96
74) Fluoranthene	19.52	202	396909	47.142	ng	98
76) Benzidine	19.71	184	234076	60.142	ng	99
77) Pyrene	19.89	202	395291	47.360	ng	99
79) Butylbenzylphthalate	20.74	149	218842	51.613	ng	# 77
80) Benzo(a)anthracene	21.60	228	387710	45.197	ng	98
81) 3,3'-Dichlorobenzidine	21.53	252	116388	33.685	ng	99
82) Chrysene	21.66	228	351602	42.728	ng	99
83) Bis(2-ethylhexyl)phthalate	21.49	149	323062	52.573	ng	92
84) Di-n-octyl phthalate	22.39	149	506486	49.041	ng	# 88
85) Indeno(1,2,3-cd)pyrene	26.33	276	359997	36.867	ng	98
87) Benzo(b)fluoranthene	23.24	252	327066	49.347	ng	# 94
88) Benzo(k)fluoranthene	23.29	252	300396	44.721	ng	# 96
89) Benzo(a)pyrene	23.85	252	299567	47.015	ng	# 98
90) Dibenzo(a,h)anthracene	26.32	278	302784	45.866	ng	# 93
91) Benzo(g,h,i)perylene	27.06	276	283429	45.394	ng	# 90

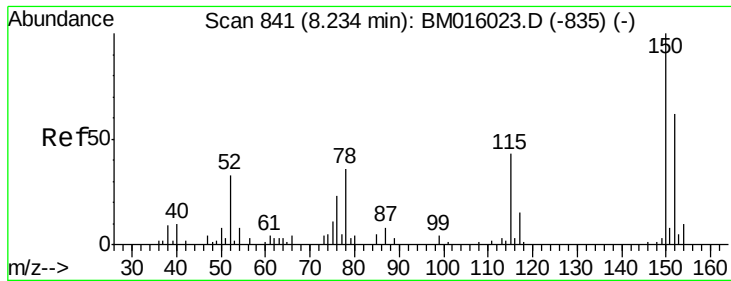
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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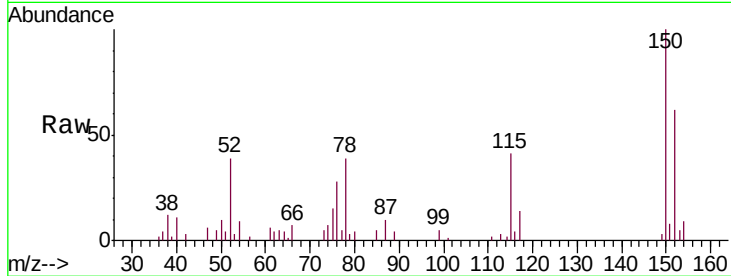


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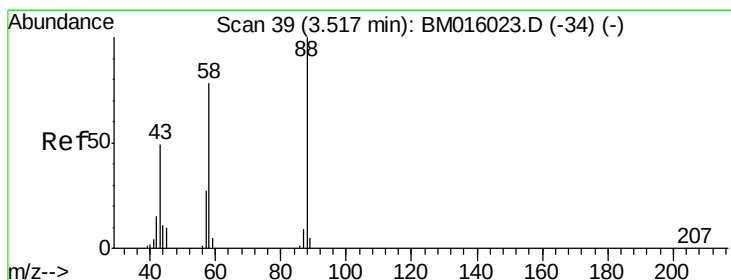
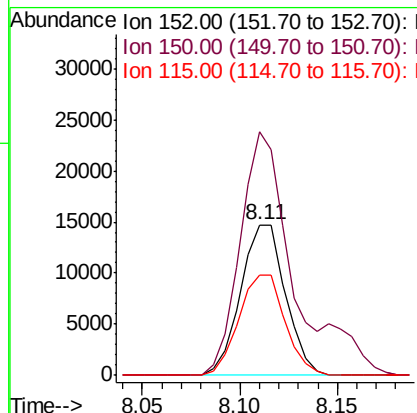
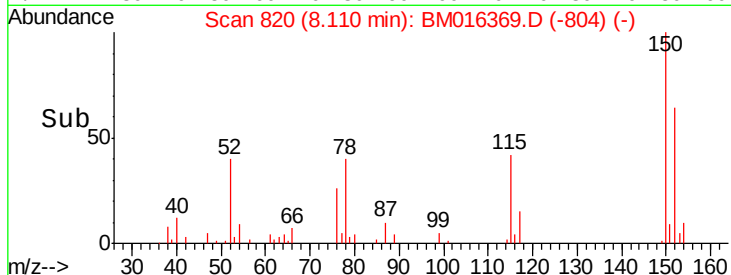
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:152 Resp: 23451
Ion Ratio Lower Upper
152 100
150 161.8 119.5 179.3
115 66.3 43.0 64.4#



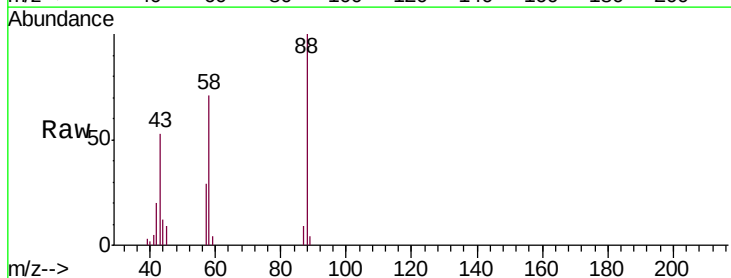
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



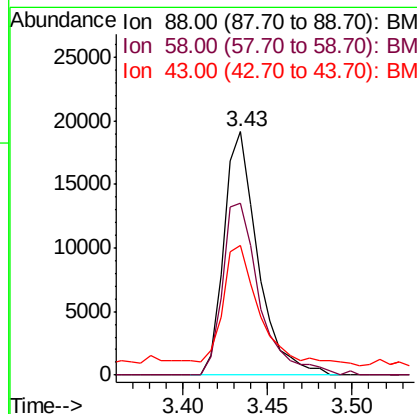
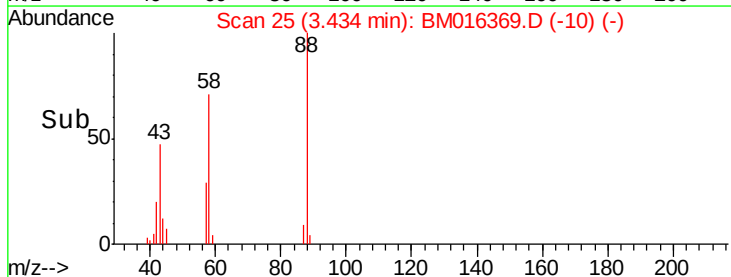
#2

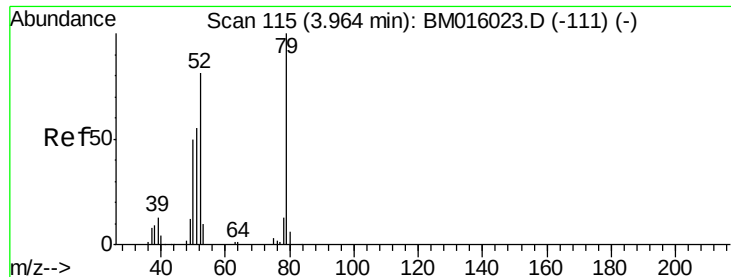
1,4-Dioxane
Concen: 40.456 ng
RT: 3.43 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 88 Resp: 26760
Ion Ratio Lower Upper
88 100
58 77.5 0.0 0.0#
43 53.8 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

Pyridine

Concen: 36.803 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

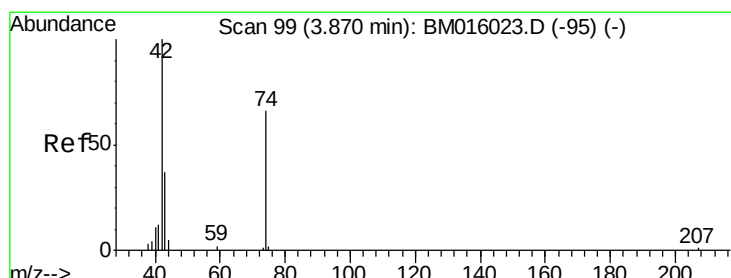
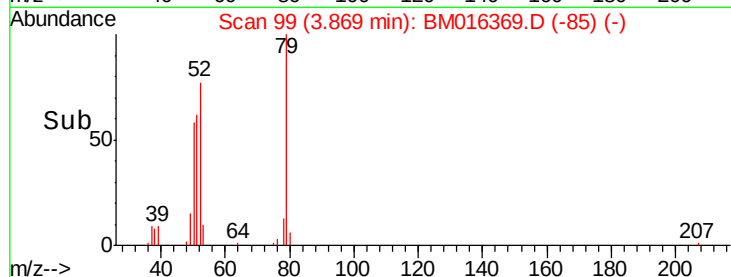
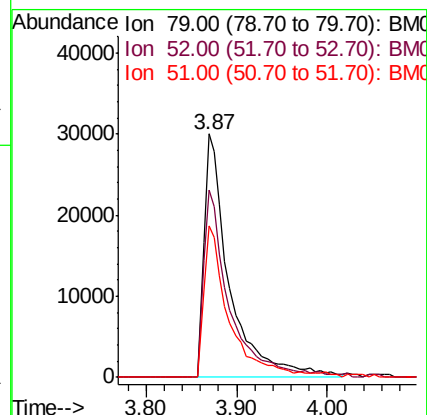
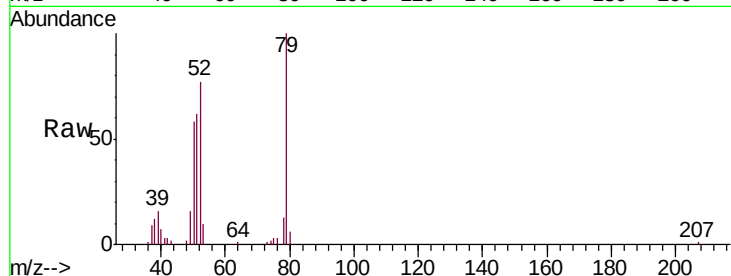
Tgt Ion: 79 Resp: 58644

Ion Ratio Lower Upper

79 100

52 77.0 51.1 76.7#

51 62.0 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 54.139 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

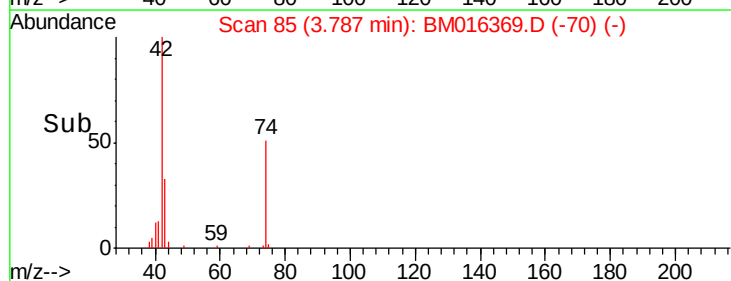
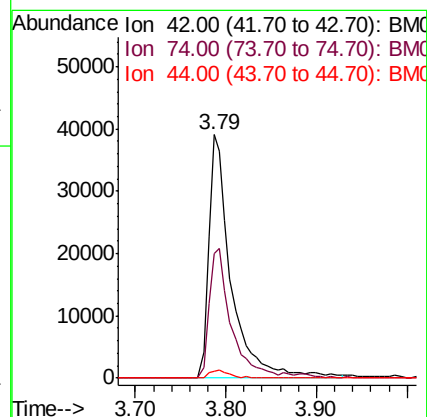
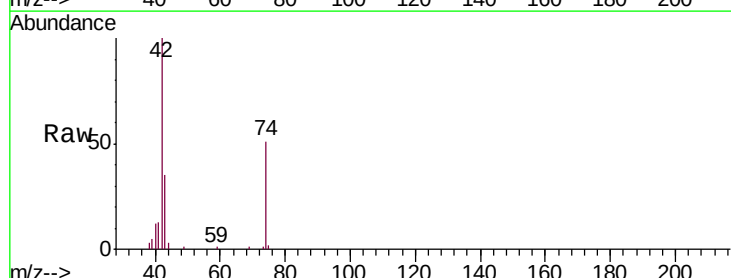
Tgt Ion: 42 Resp: 67287

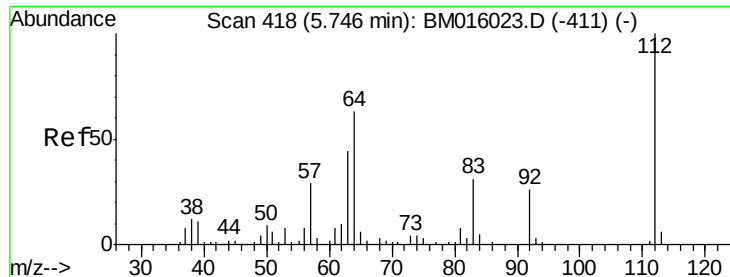
Ion Ratio Lower Upper

42 100

74 51.3 119.3 178.9#

44 3.0 5.4 8.2#

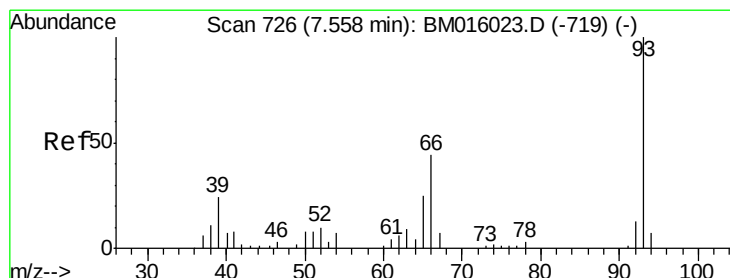
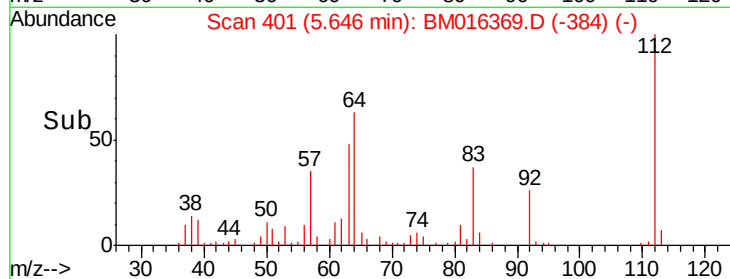
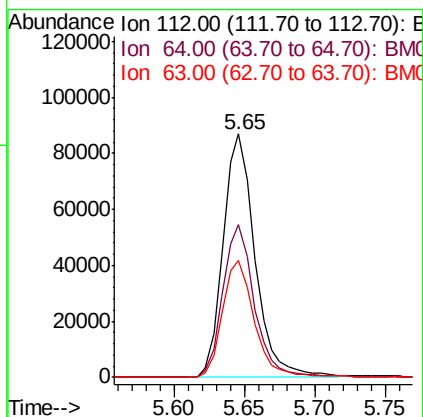
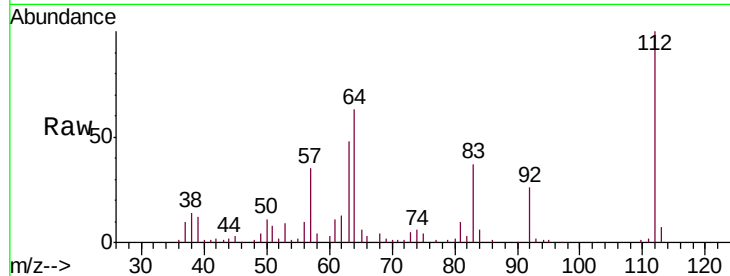




#5
 2-Fluorophenol
 Concen: 54.139 ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

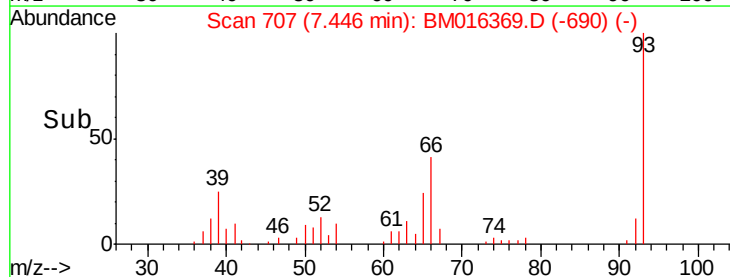
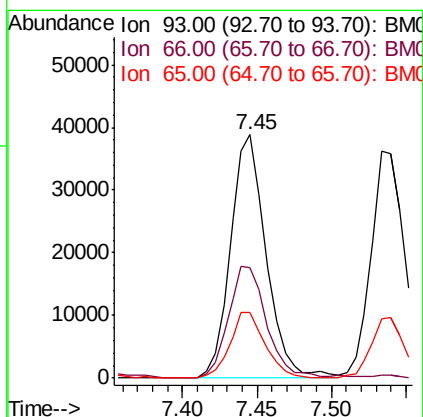
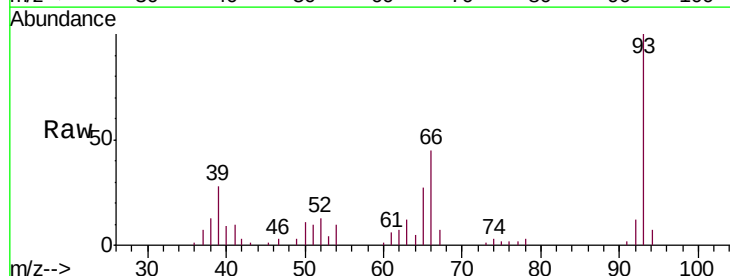
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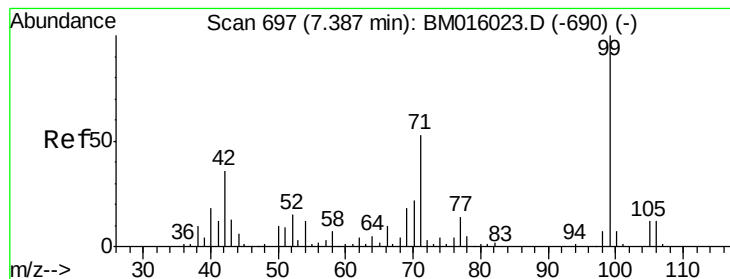
Tgt Ion: 112 Resp: 136638
 Ion Ratio Lower Upper
 112 100
 64 62.5 38.6 57.8#
 63 47.8 19.3 28.9#



#6
 Aniline
 Concen: 30.410 ng
 RT: 7.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion: 93 Resp: 64555
 Ion Ratio Lower Upper
 93 100
 66 45.3 30.8 46.2
 65 27.2 16.0 24.0#





#7

Phenol-d6

Concen: 30.410 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

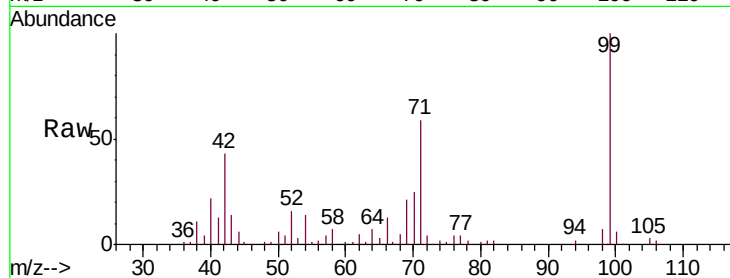
Tgt Ion: 99 Resp: 170856

Ion Ratio Lower Upper

99 100

42 42.5 11.0 16.4#

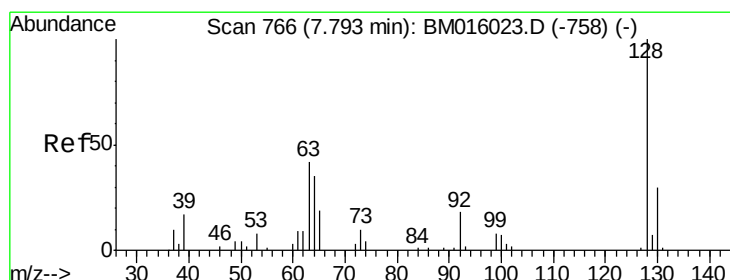
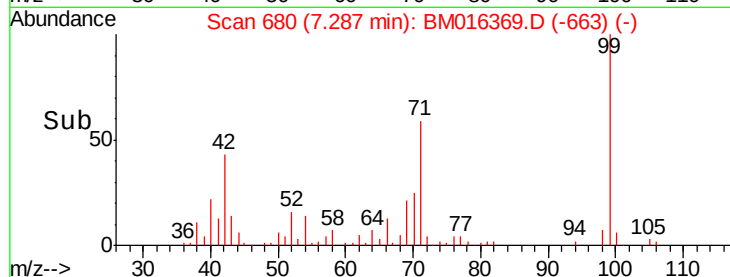
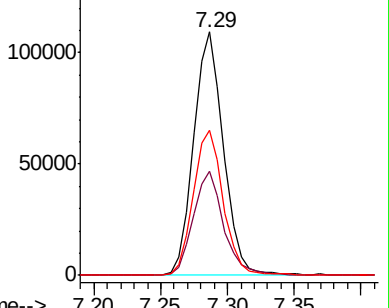
71 59.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016369.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016369.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016369.D (-690) (-)



#8

2-Chlorophenol

Concen: 44.030 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

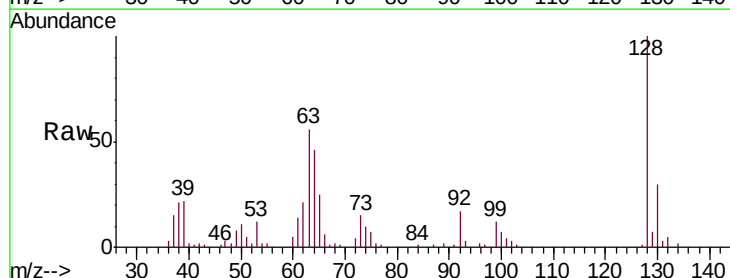
Tgt Ion: 128 Resp: 73877

Ion Ratio Lower Upper

128 100

130 29.9 12.0 52.0

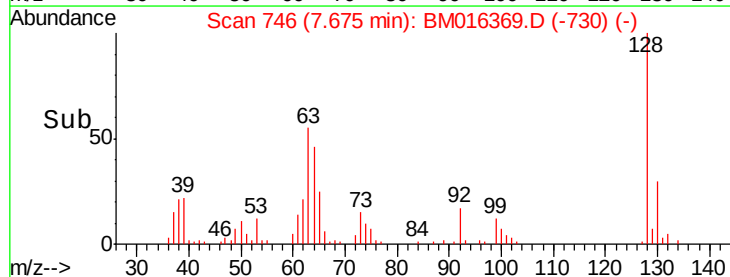
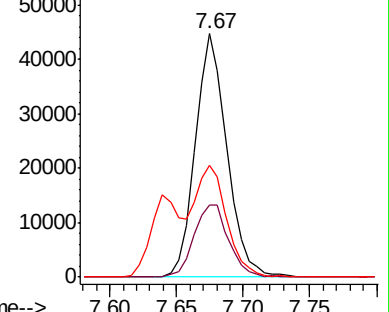
64 45.7 24.9 64.9

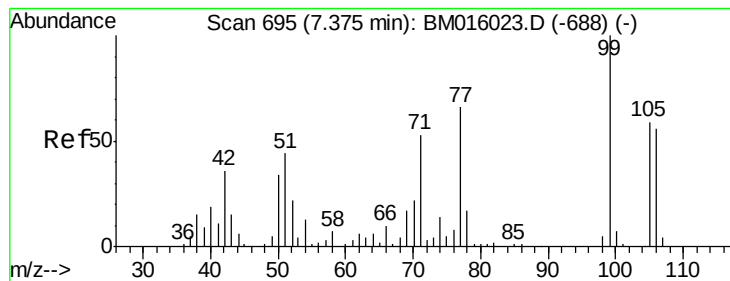


Abundance Ion 128.00 (127.70 to 128.70): BM016369.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016369.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016369.D (-730) (-)





#9

Benzaldehyde

Concen: 25.493 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

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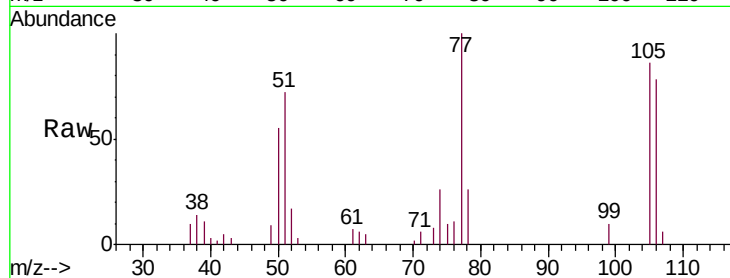
Tgt Ion: 77 Resp: 33022

Ion Ratio Lower Upper

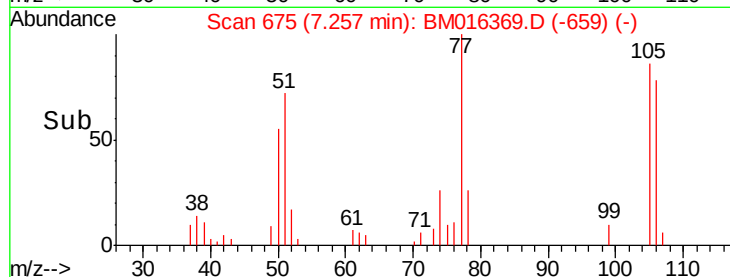
77 100

105 86.4 78.8 118.8

106 77.8 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016369.D (-659) (-)



Ion 105.00 (104.70 to 105.70): BM016369.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016369.D (-659) (-)

Time-->

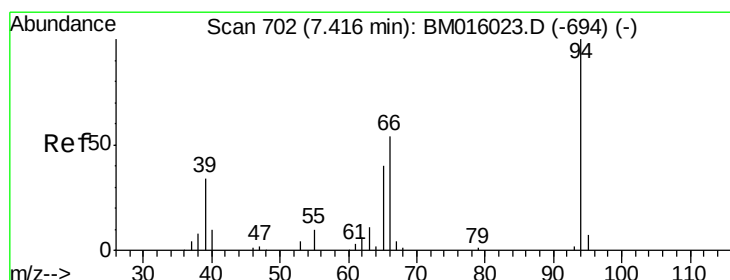
7.26

15000

10000

5000

0



#10

Phenol

Concen: 43.818 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

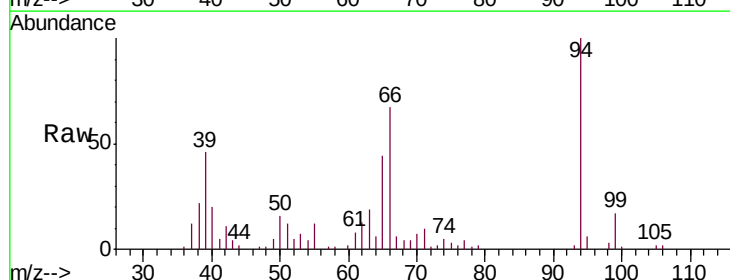
Tgt Ion: 94 Resp: 80780

Ion Ratio Lower Upper

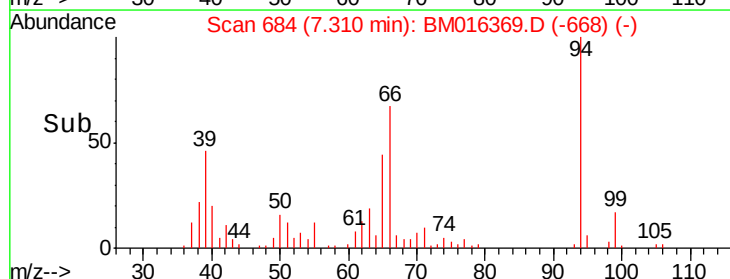
94 100

65 44.3 18.8 58.8

66 66.7 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016369.D (-668) (-)



Ion 65.00 (64.70 to 65.70): BM016369.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016369.D (-668) (-)

Time-->

7.31

60000

50000

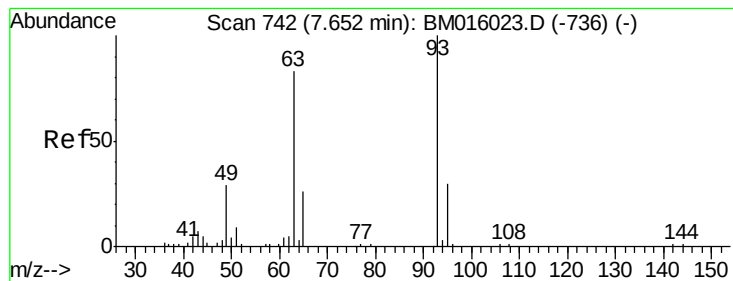
40000

30000

20000

10000

0



#11

bis(2-Chloroethyl)ether

Concen: 39.467 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

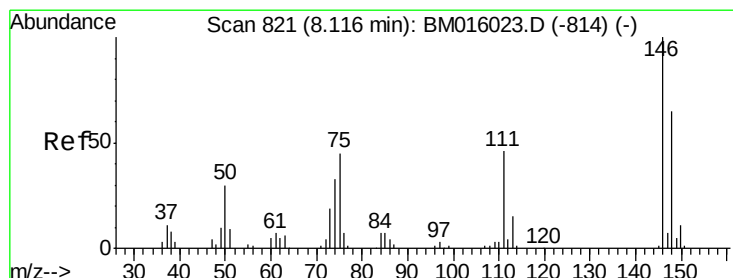
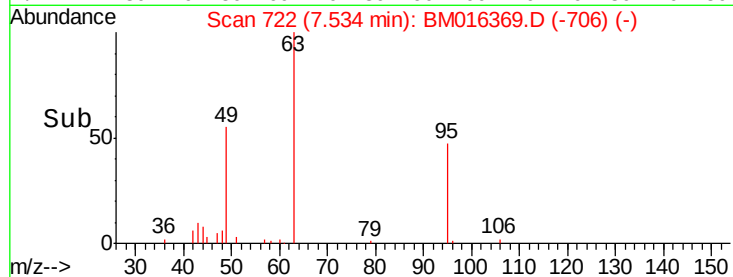
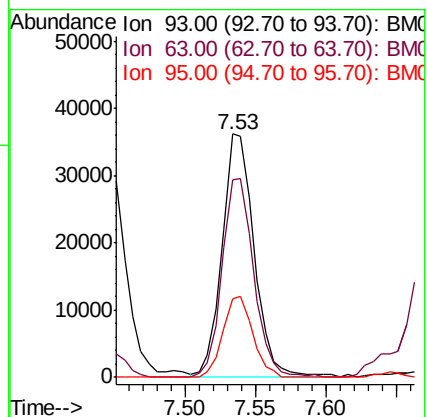
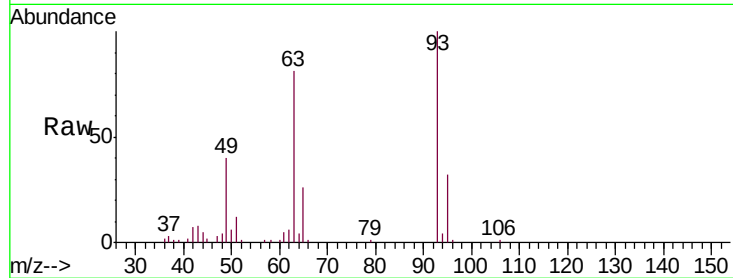
Tgt Ion: 93 Resp: 57479

Ion Ratio Lower Upper

93 100

63 80.9 49.5 89.5

95 32.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.182 ng

RT: 8.00 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

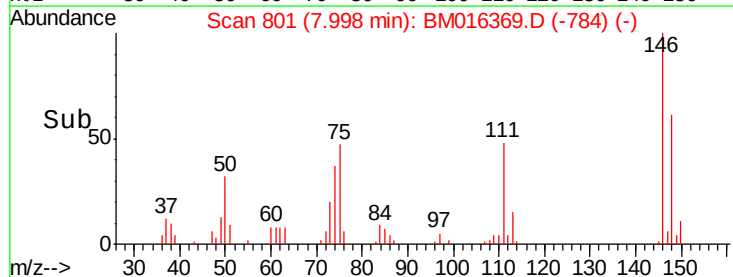
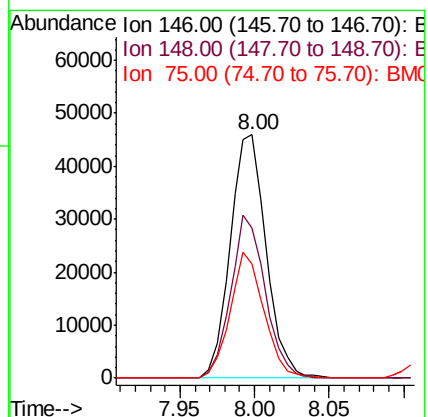
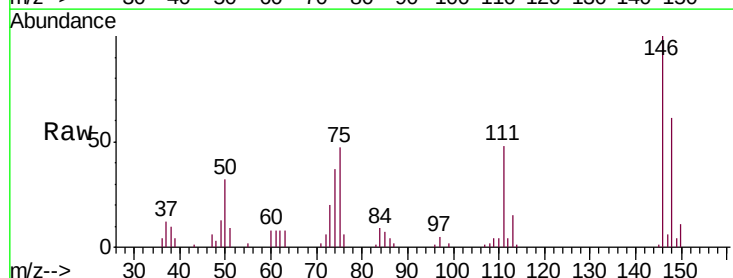
Tgt Ion: 146 Resp: 76953

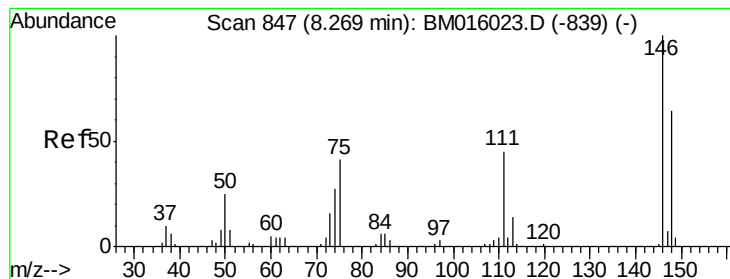
Ion Ratio Lower Upper

146 100

148 61.5 50.9 76.3

75 47.1 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.435 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

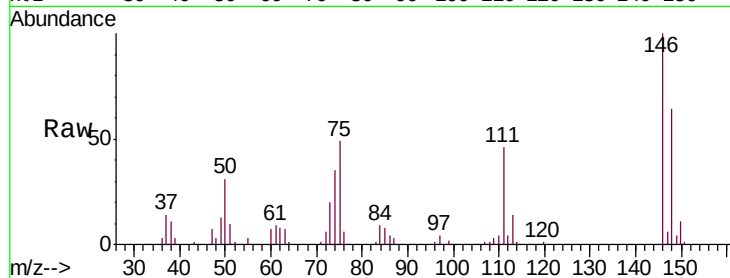
Tgt Ion:146 Resp: 78550

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

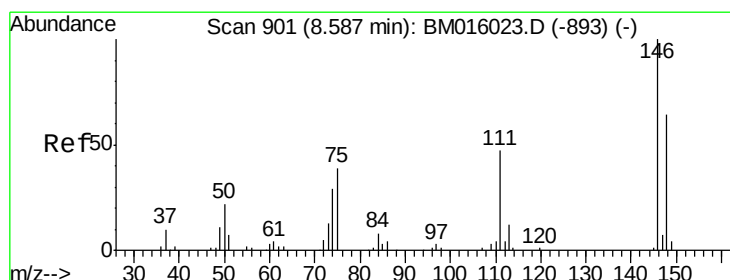
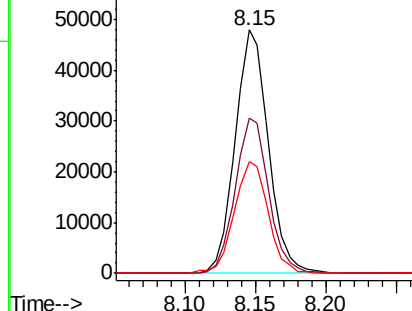
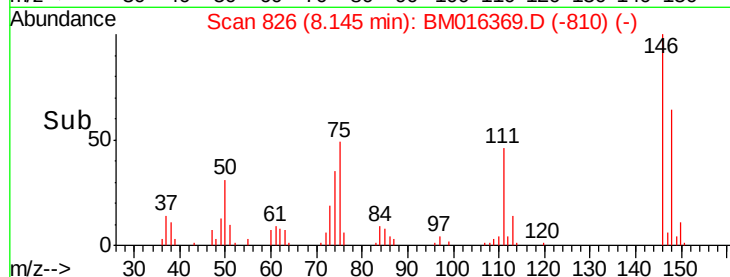
111 46.0 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.154 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

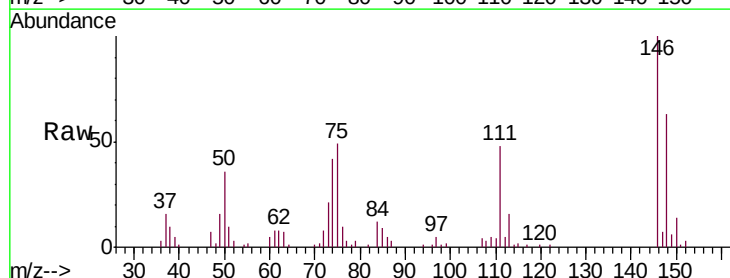
Tgt Ion:146 Resp: 76310

Ion Ratio Lower Upper

146 100

148 63.2 52.3 78.5

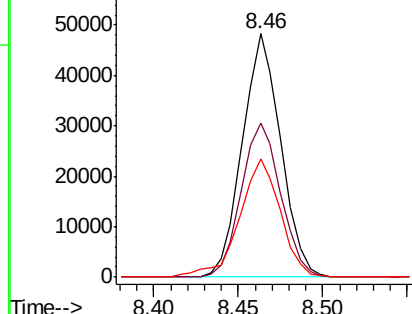
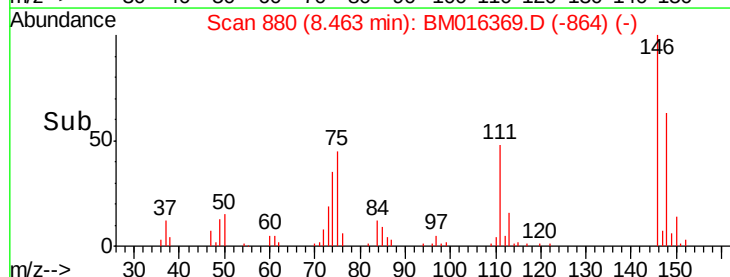
111 48.4 30.6 45.8#

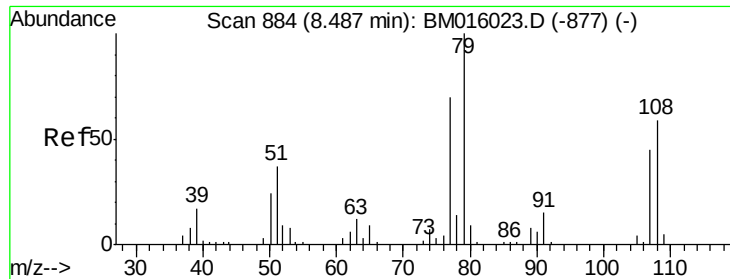


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

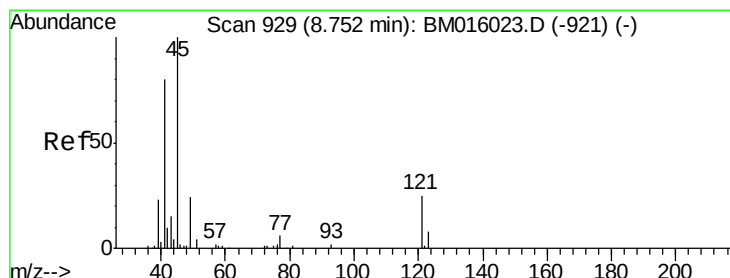
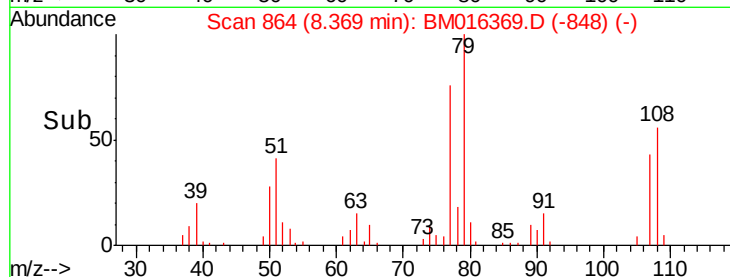
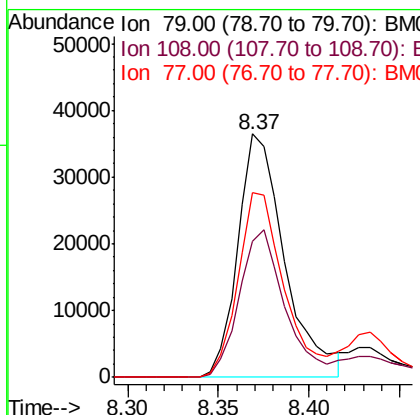
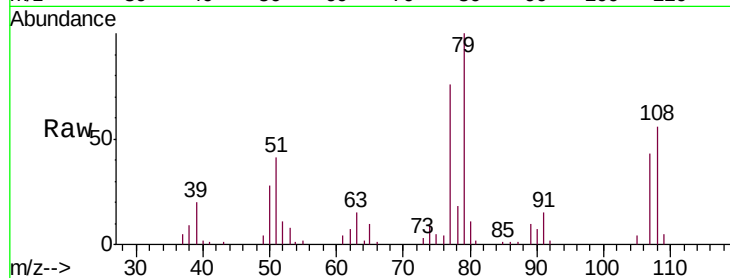




#15
Benzyl Alcohol
Concen: 44.868 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

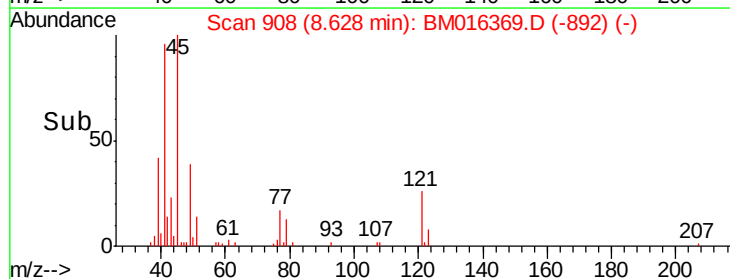
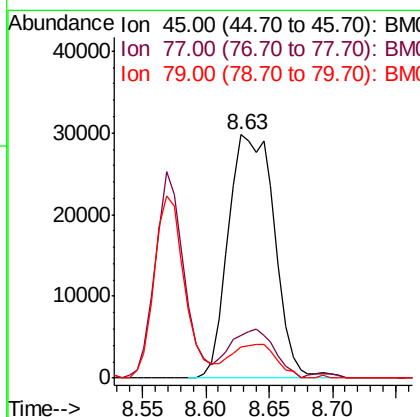
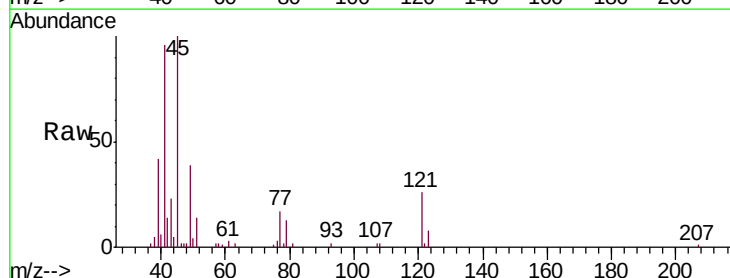
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

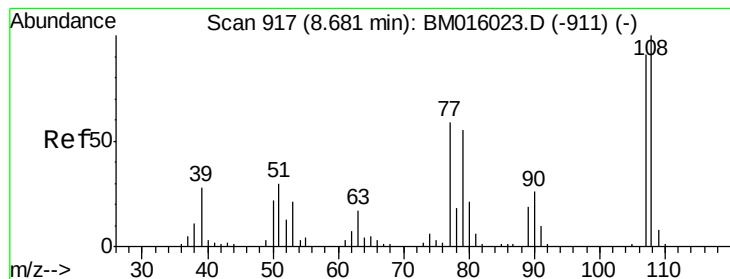
Tgt Ion: 79 Resp: 65867
Ion Ratio Lower Upper
79 100
108 56.0 65.0 97.4#
77 75.9 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.864 ng
RT: 8.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 45 Resp: 75481
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.2
79 12.6 0.0 32.0





#17

2-Methylphenol

Concen: 45.959 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion:107 Resp: 57911

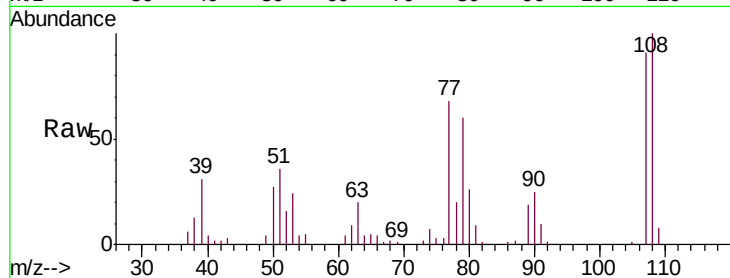
Ion Ratio Lower Upper

107 100

108 109.4 89.8 134.8

77 74.2 32.6 48.8#

79 65.5 32.8 49.2#



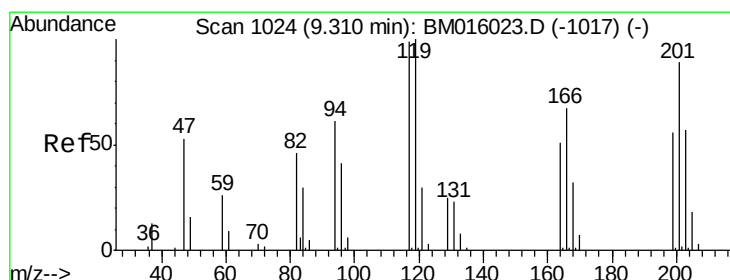
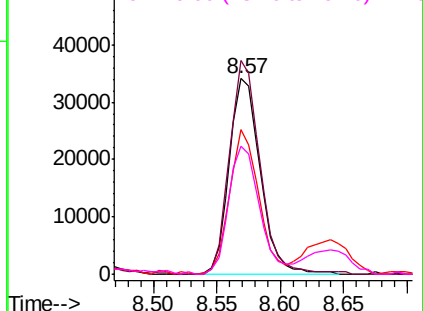
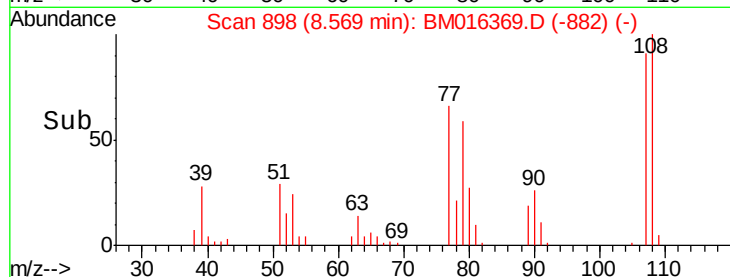
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 43.313 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

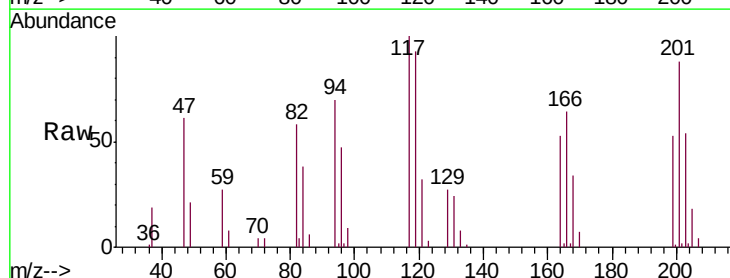
Tgt Ion:117 Resp: 37293

Ion Ratio Lower Upper

117 100

119 93.1 79.2 118.8

201 87.6 69.8 104.6

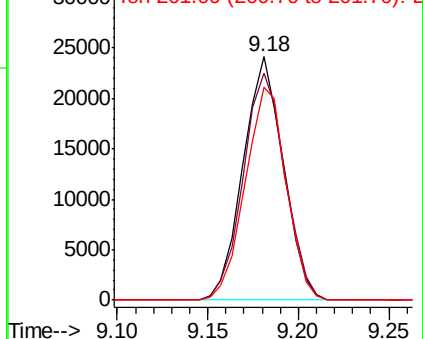
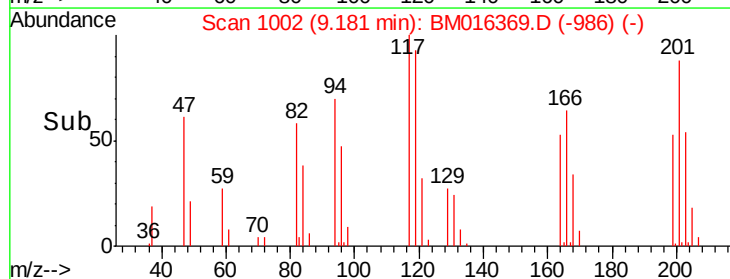


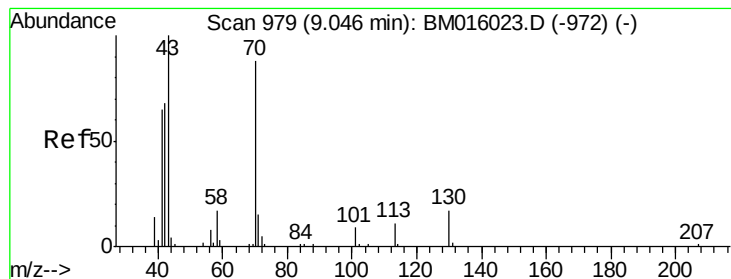
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.819 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

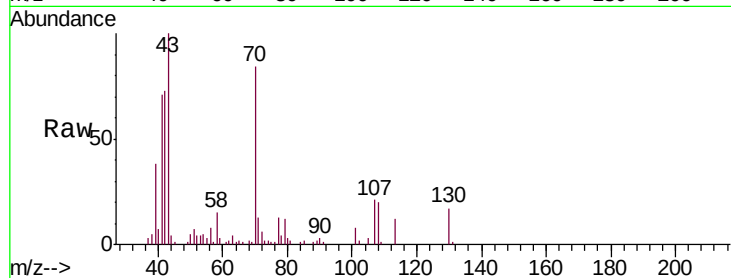
Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion:	70	Resp:	55006
Ion	Ratio	Lower	Upper
70	100		
42	87.1	44.5	66.7#
101	10.0	7.4	11.2
130	20.4	15.3	22.9



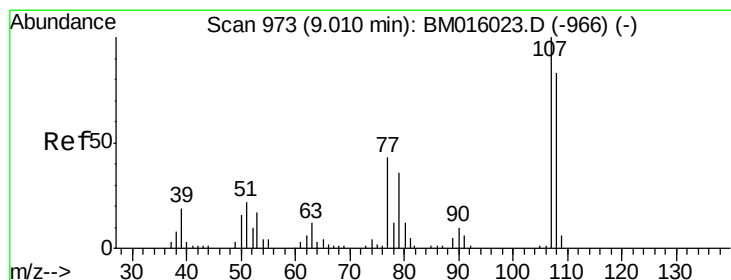
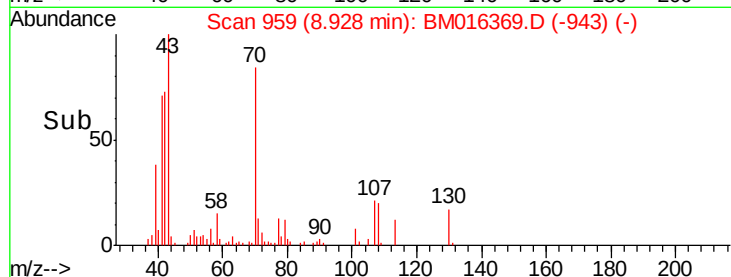
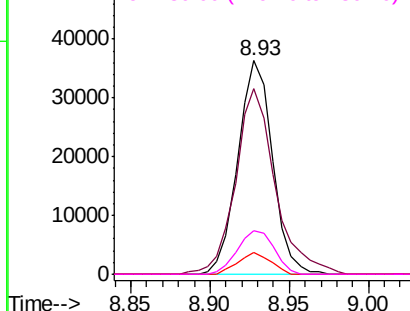
Abundance

Ion 70.00 (69.70 to 70.70): BM016369.D (-943) (-)

Ion 42.00 (41.70 to 42.70): BM016369.D (-943) (-)

Ion 101.00 (100.70 to 101.70): BM016369.D (-943) (-)

Ion 130.00 (129.70 to 130.70): BM016369.D (-943) (-)



#20

3+4-Methylphenols

Concen: 42.459 ng

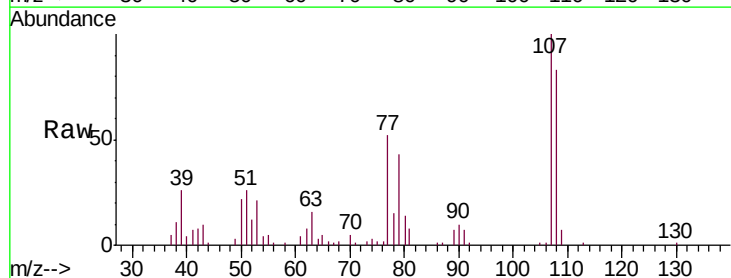
RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Tgt Ion:	107	Resp:	76976
Ion	Ratio	Lower	Upper
107	100		
108	83.5	73.2	113.2
77	52.5	10.7	50.7#
79	43.0	9.6	49.6



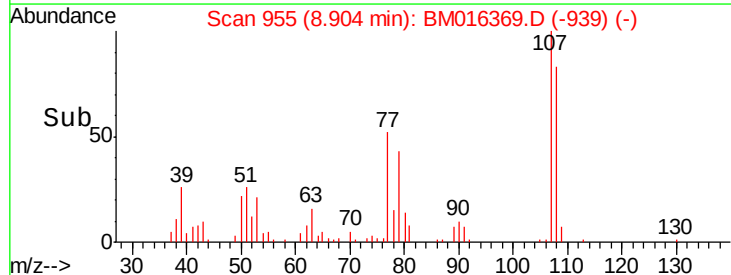
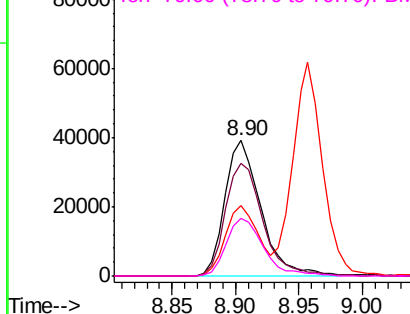
Abundance

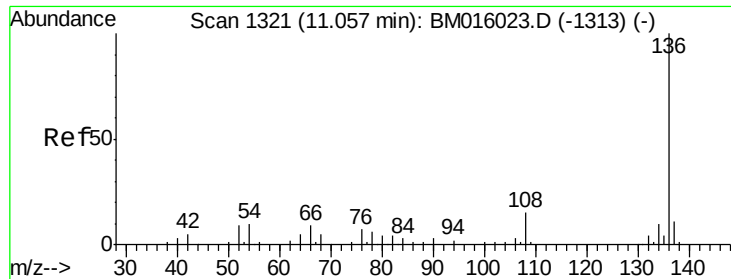
Ion 107.00 (106.70 to 107.70): BM016369.D (-939) (-)

Ion 108.00 (107.70 to 108.70): BM016369.D (-939) (-)

Ion 77.00 (76.70 to 77.70): BM016369.D (-939) (-)

Ion 79.00 (78.70 to 79.70): BM016369.D (-939) (-)

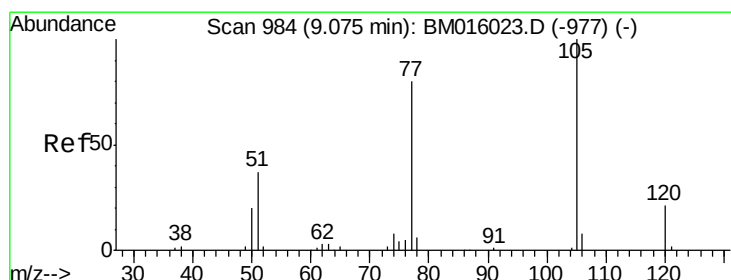
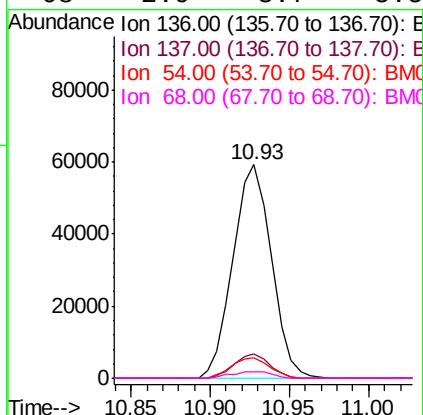
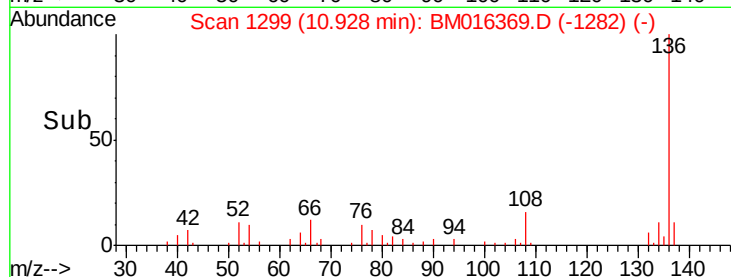
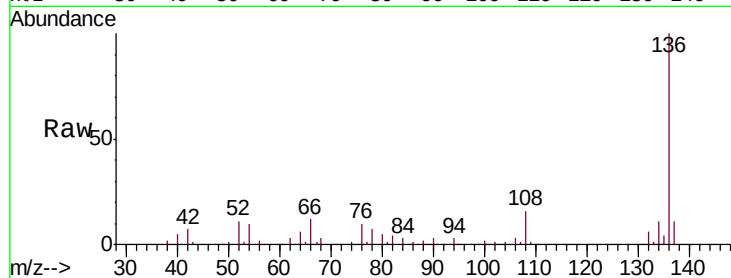




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

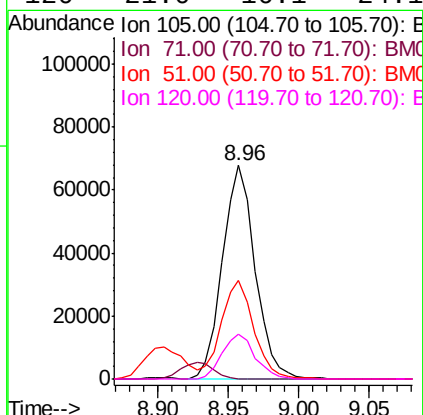
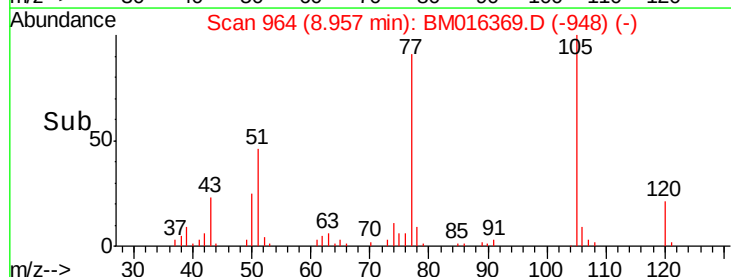
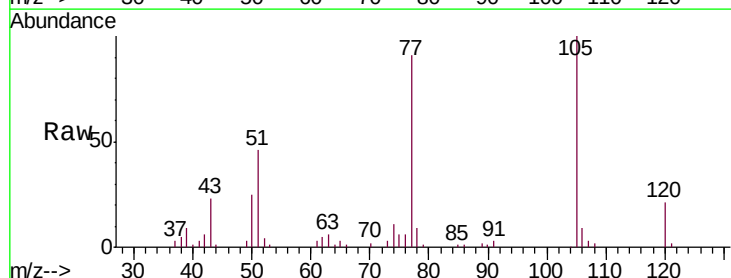
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

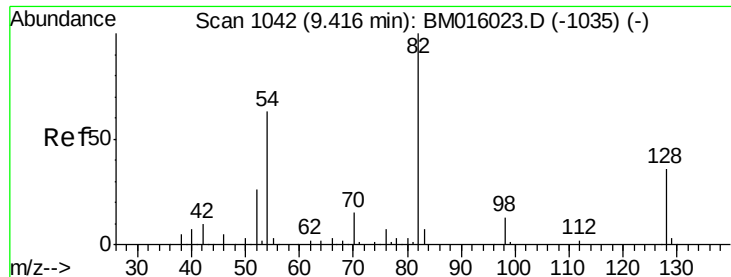
Tgt Ion:	136	Resp:	100072
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	4.6	6.8#
68	2.9	3.7	5.5#



#22
Acetophenone
Concen: 43.336 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:	105	Resp:	109199
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	45.9	21.6	32.4#
120	21.0	16.1	24.1

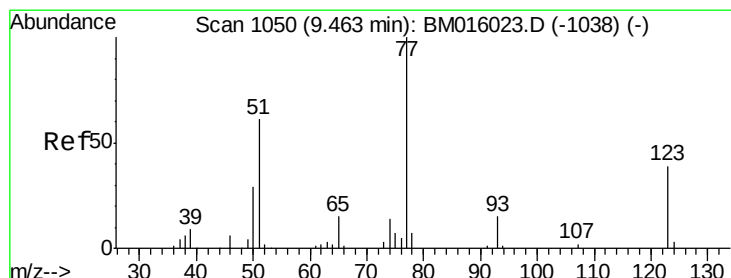
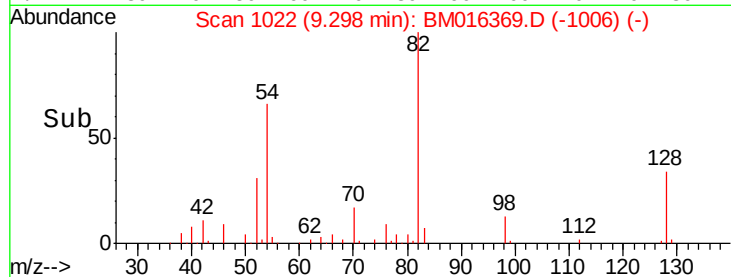
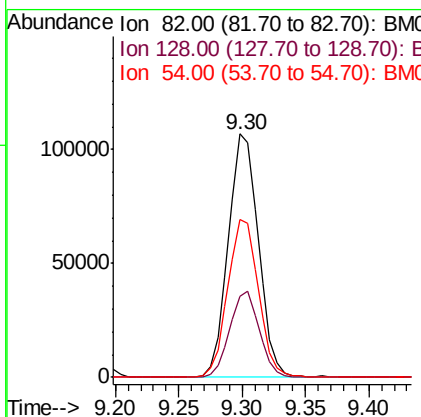
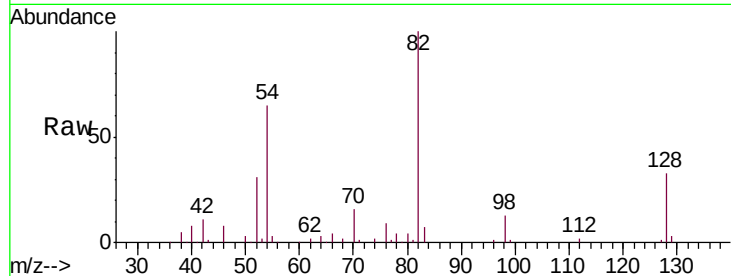




#23
 Nitrobenzene-d5
 Concen: 43.336 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

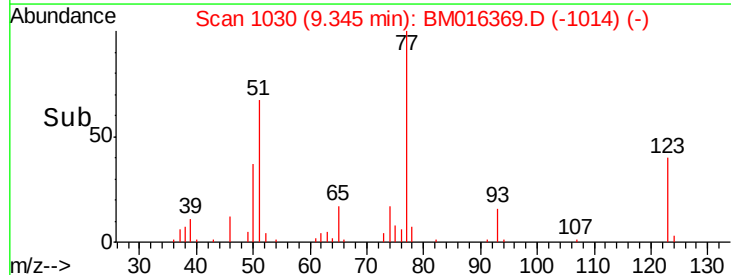
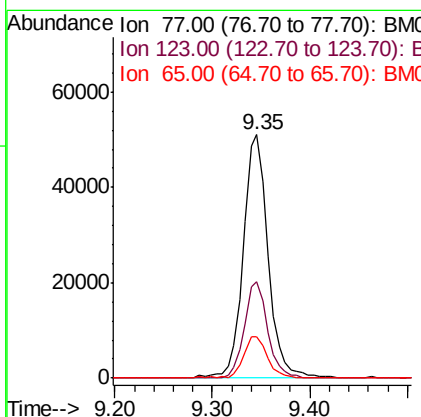
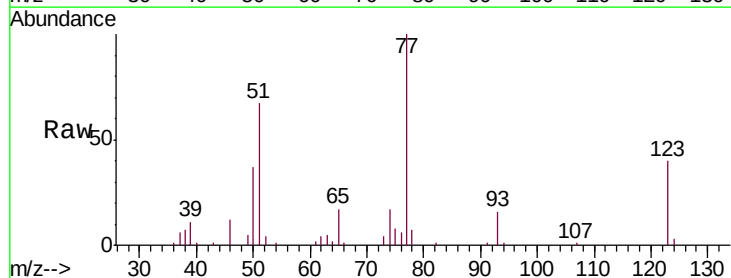
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

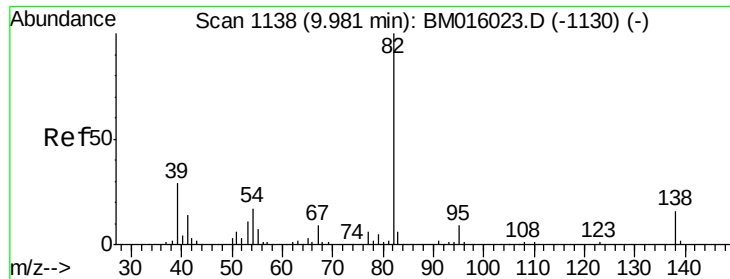
Tgt Ion: 82 Resp: 176196
 Ion Ratio Lower Upper
 82 100
 128 33.2 32.8 49.2
 54 65.0 40.6 60.8#



#24
 Nitrobenzene
 Concen: 41.952 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion: 77 Resp: 90856
 Ion Ratio Lower Upper
 77 100
 123 39.7 32.6 49.0
 65 17.2 10.9 16.3#

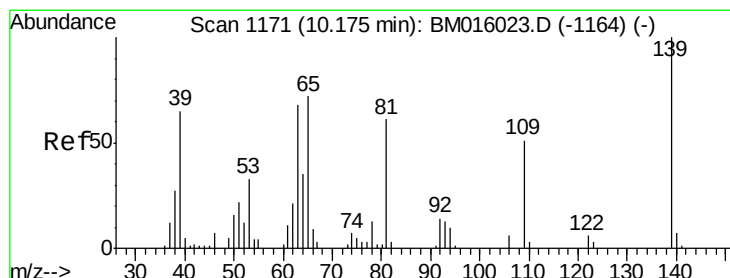
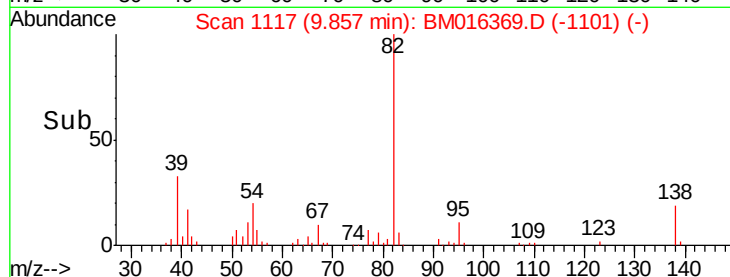
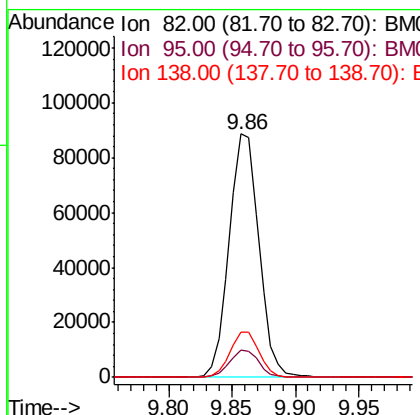
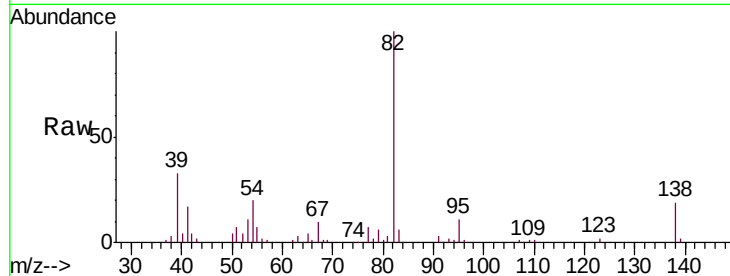




#25
Isophorone
Concen: 49.018 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

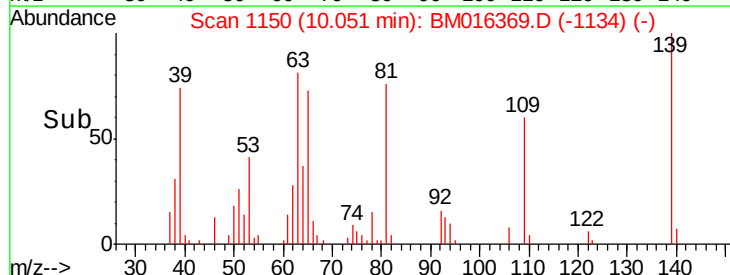
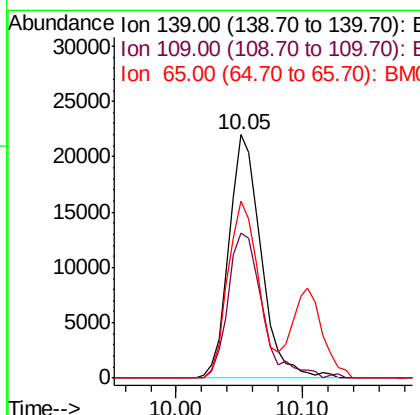
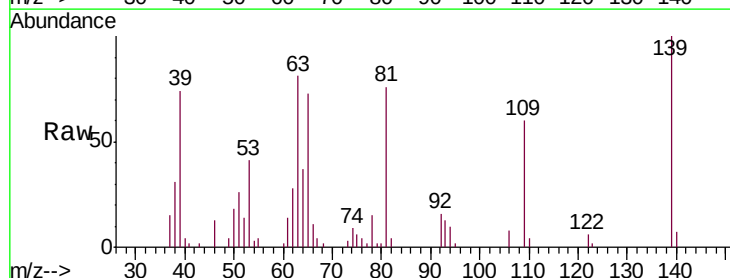
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

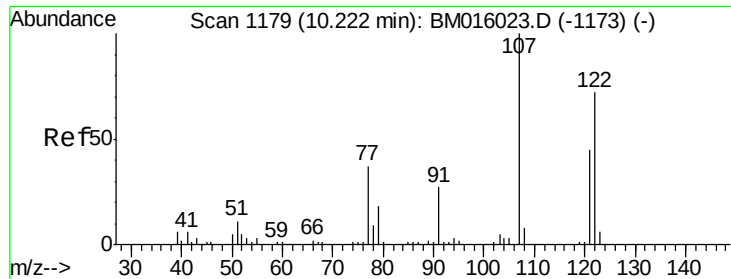
Tgt Ion: 82 Resp: 144260
Ion Ratio Lower Upper
82 100
95 11.2 5.8 8.6#
138 18.6 16.3 24.5



#26
2-Nitrophenol
Concen: 42.607 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 139 Resp: 38520
Ion Ratio Lower Upper
139 100
109 59.6 20.1 30.1#
65 72.5 31.5 47.3#

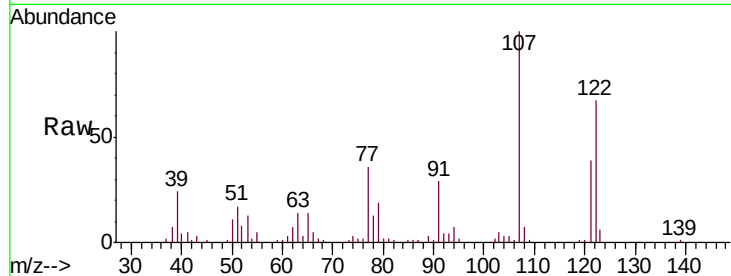




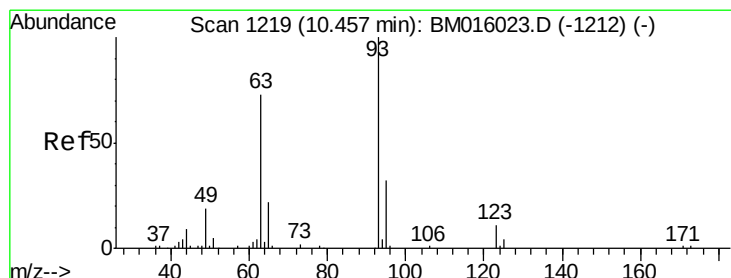
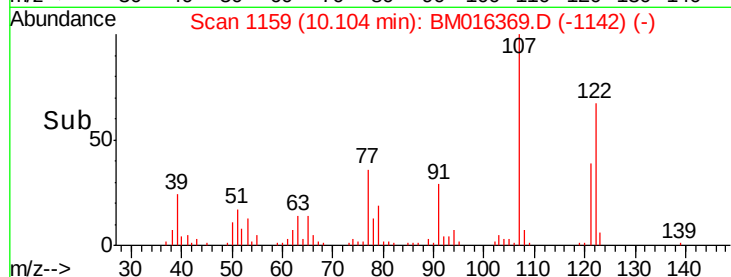
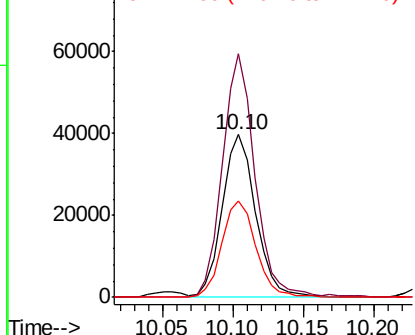
#27
 2,4-Dimethylphenol
 Concen: 52.139 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:122 Resp: 65671
 Ion Ratio Lower Upper
 122 100
 107 149.7 84.7 127.1#
 121 58.9 46.6 69.8

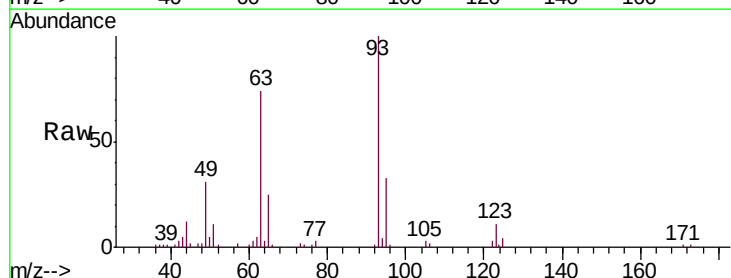


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

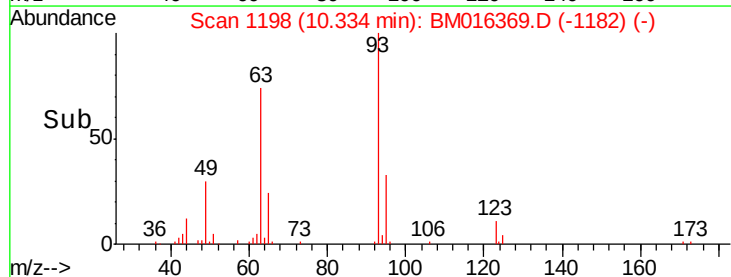
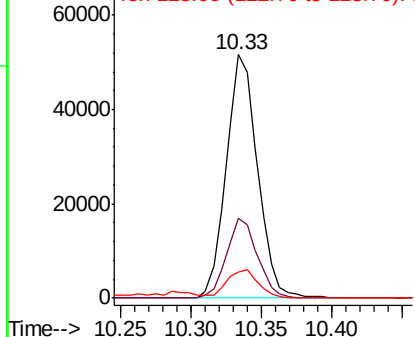


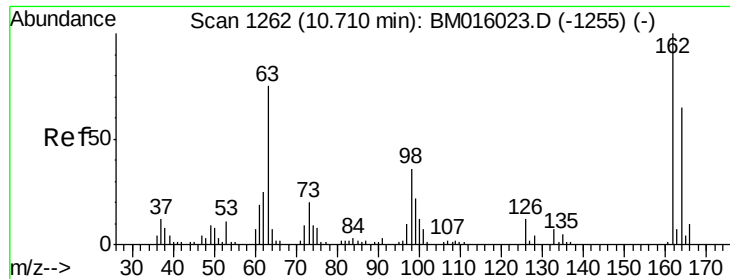
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.566 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion: 93 Resp: 79508
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.5 38.3
 123 10.7 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

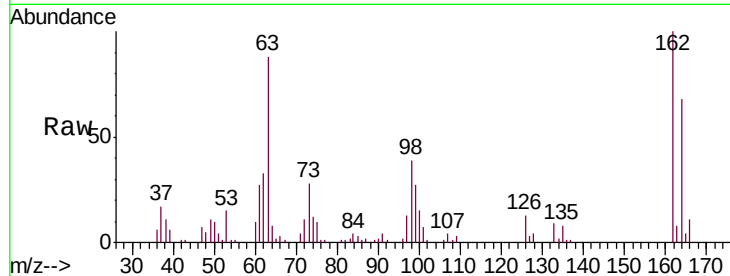




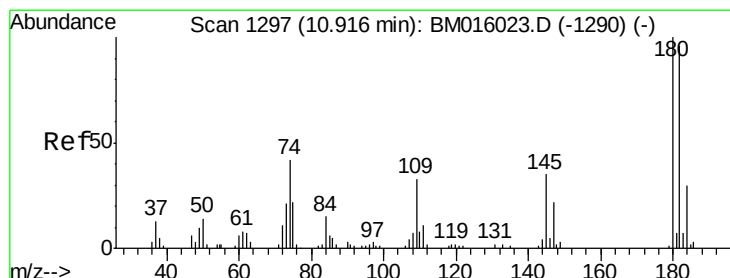
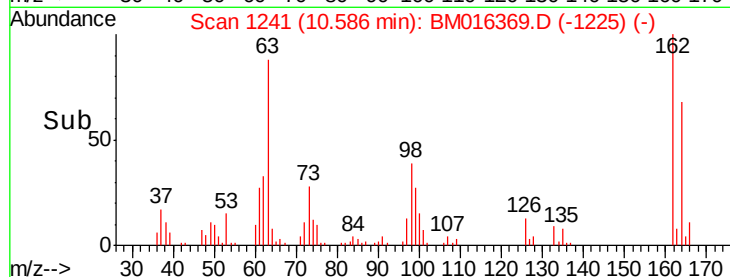
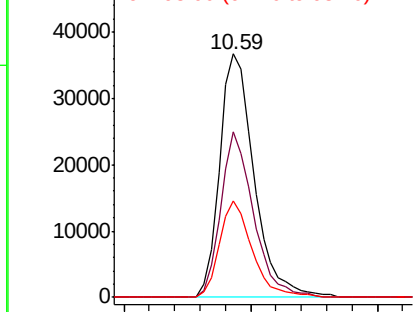
#29
 2,4-Dichlorophenol
 Concen: 46.318 ng
 RT: 10.59 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:162 Resp: 69324
 Ion Ratio Lower Upper
 162 100
 164 68.0 42.8 82.8
 98 39.4 14.5 54.5

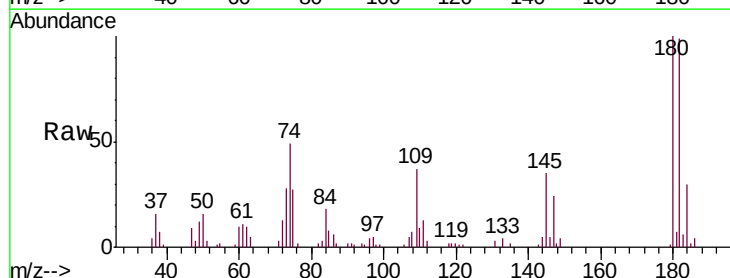


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

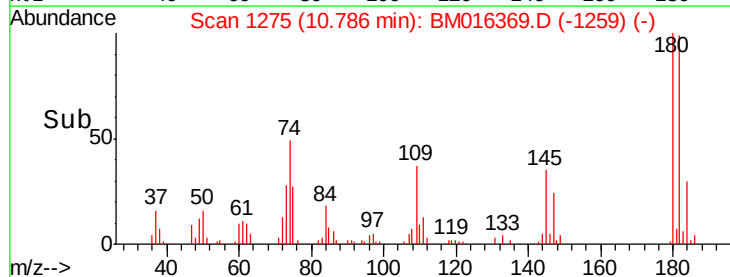
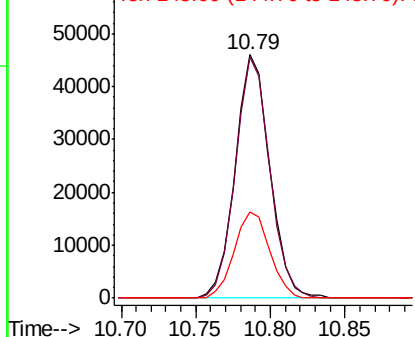


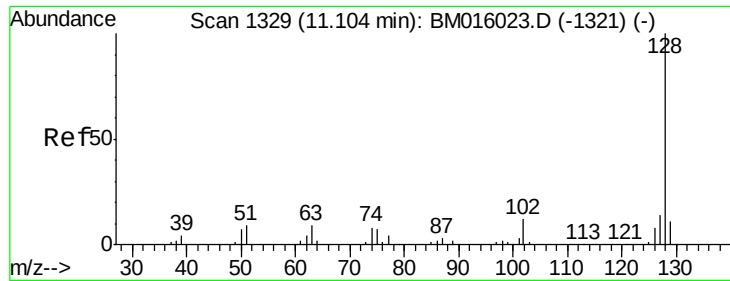
#30
 1,2,4-Trichlorobenzene
 Concen: 40.758 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:180 Resp: 74119
 Ion Ratio Lower Upper
 180 100
 182 99.0 77.6 116.4
 145 35.2 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

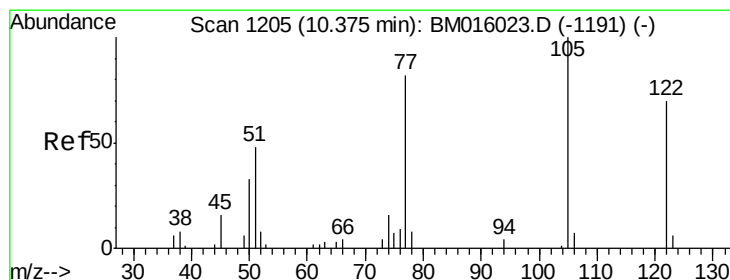
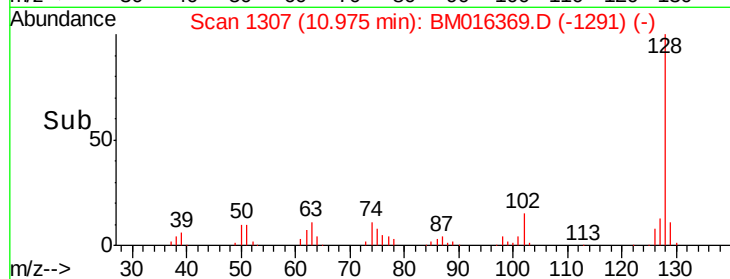
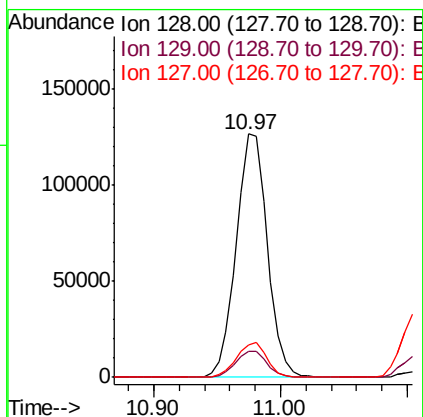
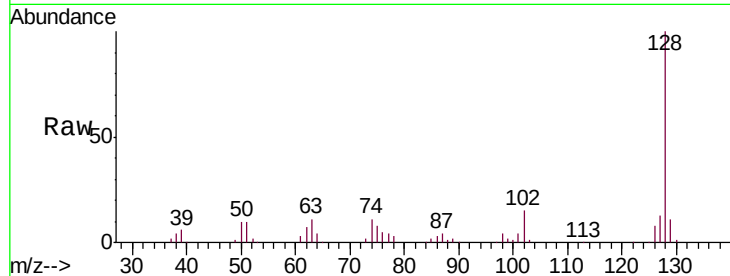




#31
Naphthalene
Concen: 42.556 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

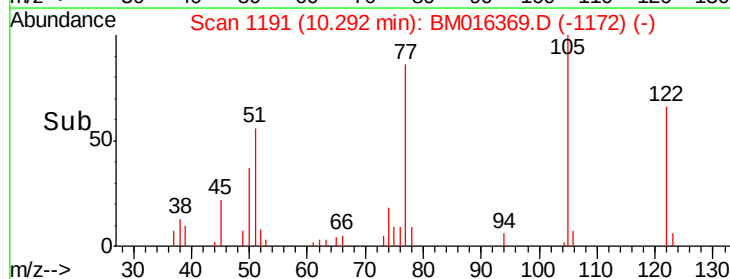
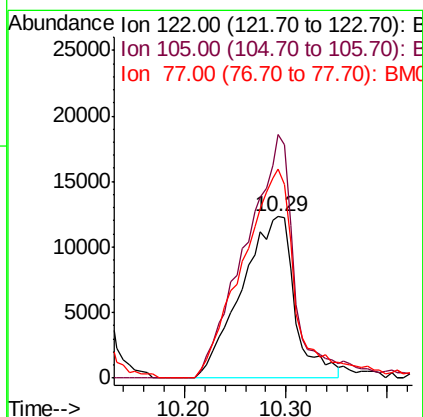
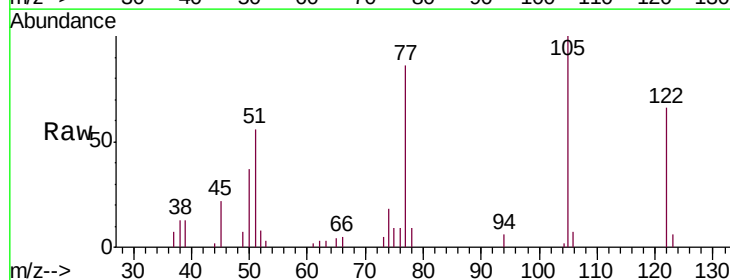
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

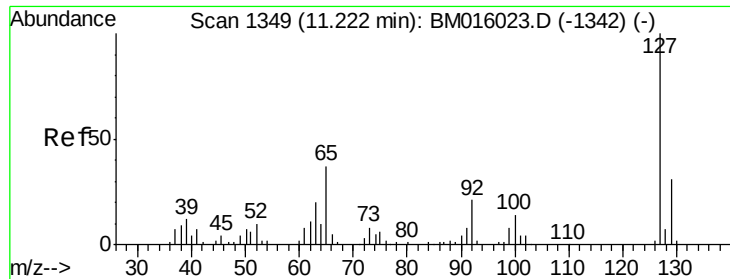
Tgt Ion:128 Resp: 215536
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 46.808 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:122 Resp: 44943
Ion Ratio Lower Upper
122 100
105 151.1 99.9 139.9#
77 129.7 73.7 113.7#

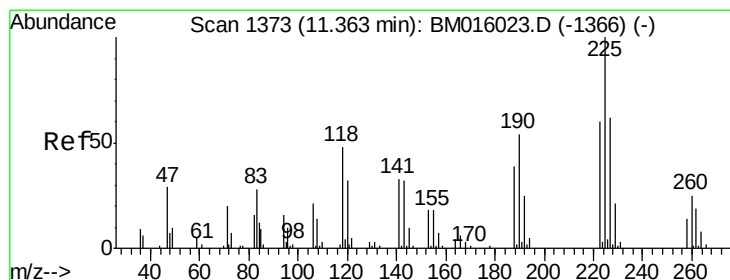
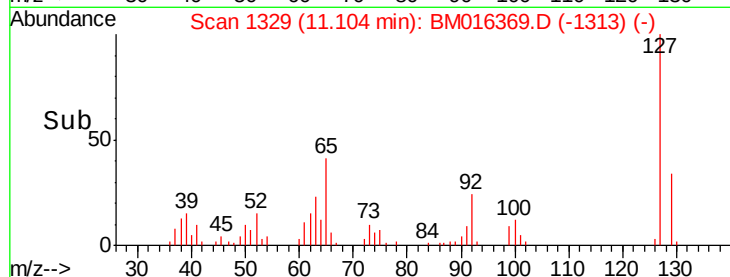
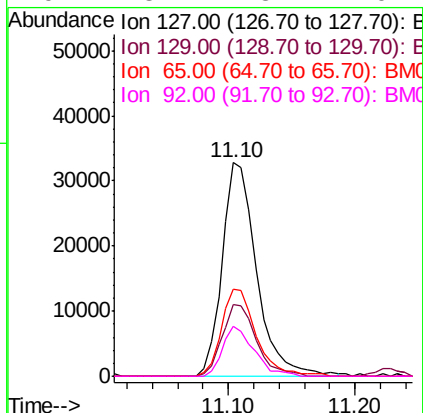
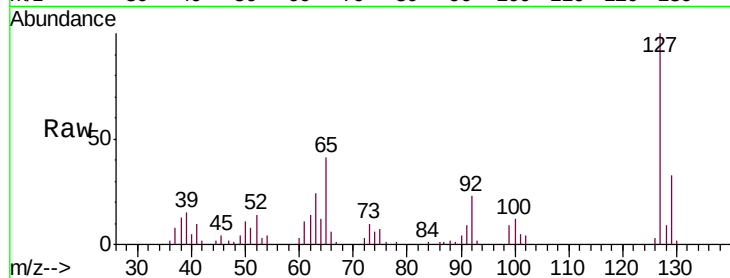




#33
4-Chloroaniline
Concen: 29.920 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

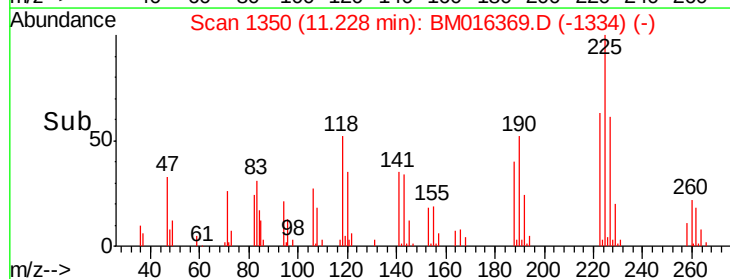
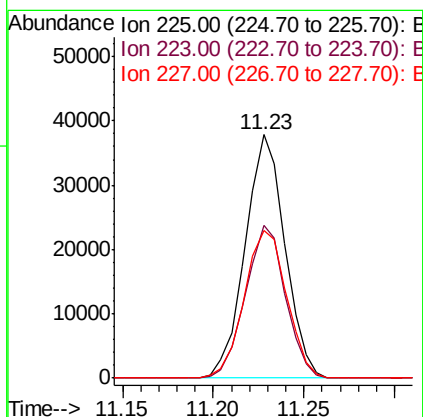
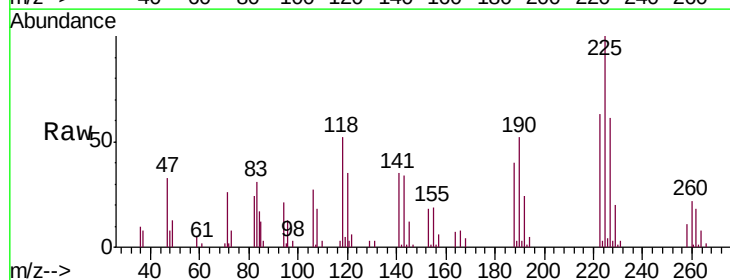
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

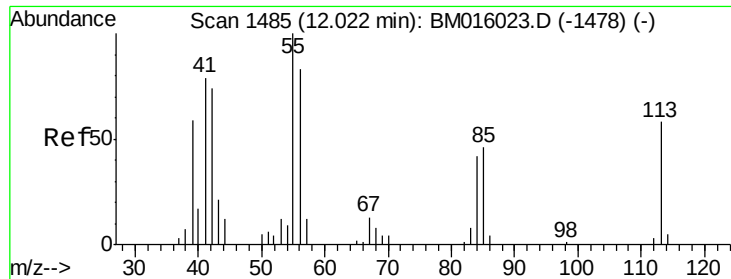
Tgt Ion:127 Resp: 61839
Ion Ratio Lower Upper
127 100
129 33.5 25.3 37.9
65 40.9 17.6 26.4#
92 23.4 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 45.650 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:225 Resp: 57584
Ion Ratio Lower Upper
225 100
223 62.6 47.9 71.9
227 60.7 50.1 75.1





#35

Caprolactam

Concen: 44.823 ng

RT: 11.92 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

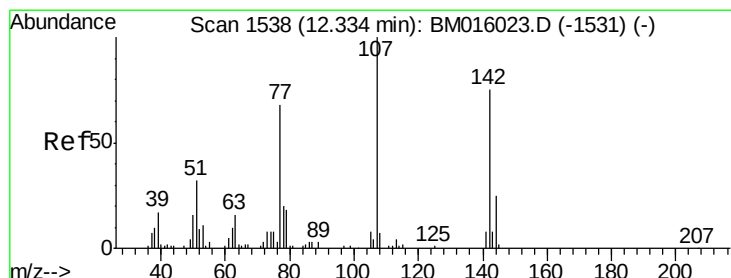
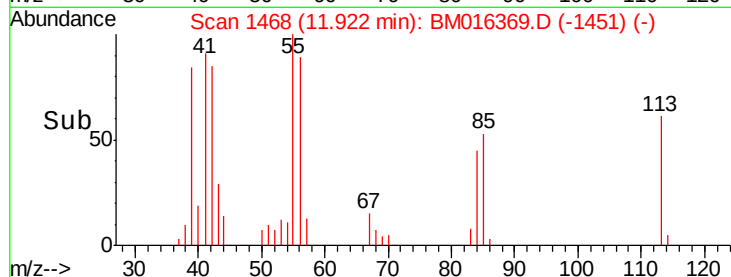
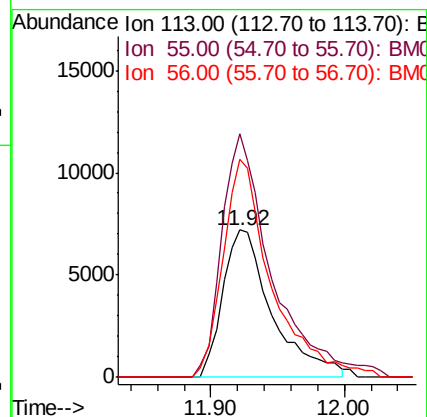
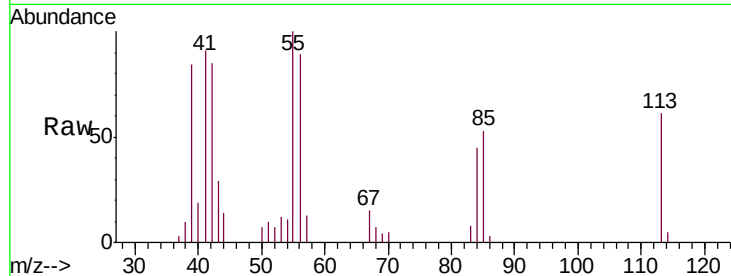
Tgt Ion:113 Resp: 18581

Ion Ratio Lower Upper

113 100

55 165.0 145.9 185.9

56 147.7 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 47.552 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

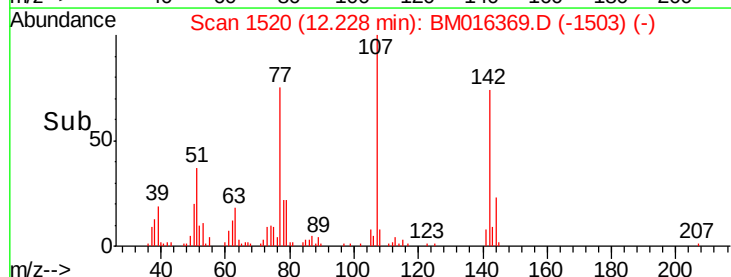
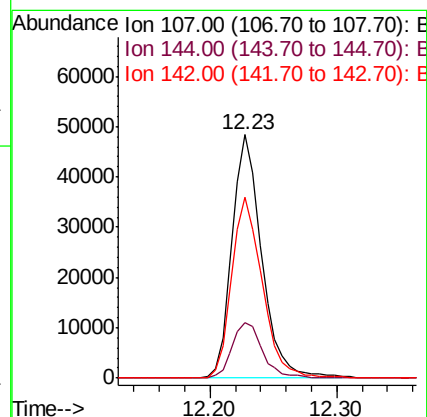
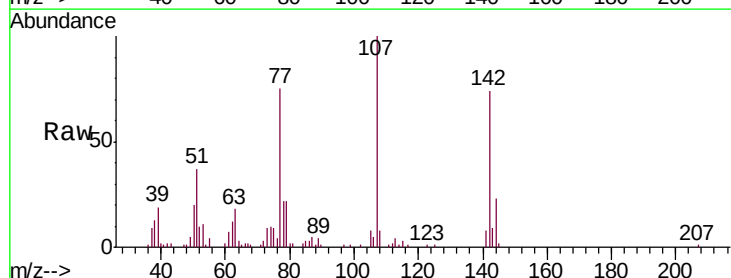
Tgt Ion:107 Resp: 78280

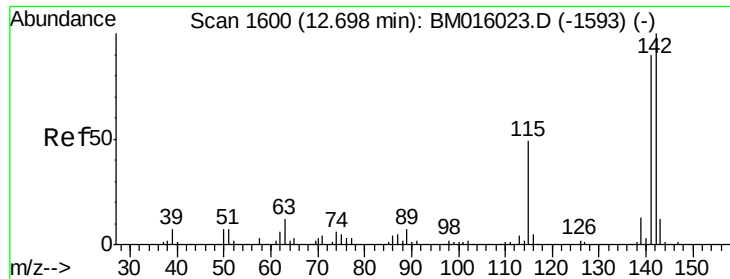
Ion Ratio Lower Upper

107 100

144 23.0 23.3 34.9#

142 74.1 72.6 109.0

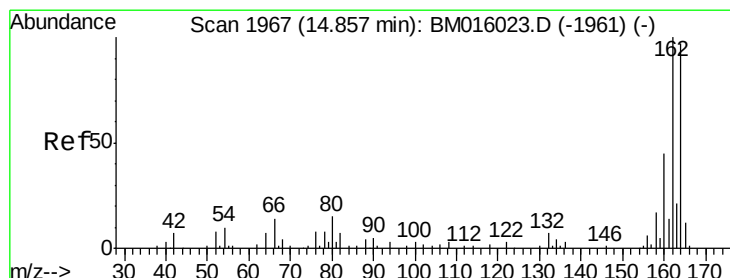
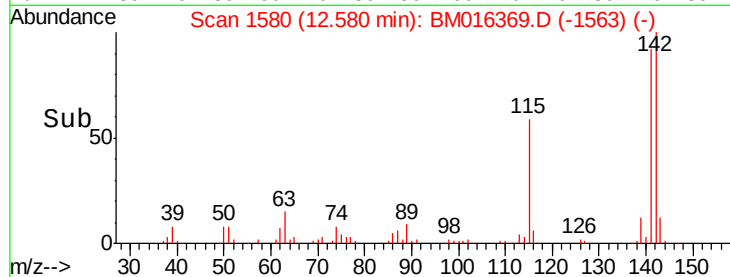
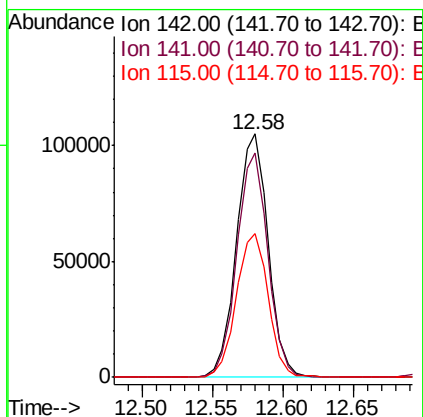
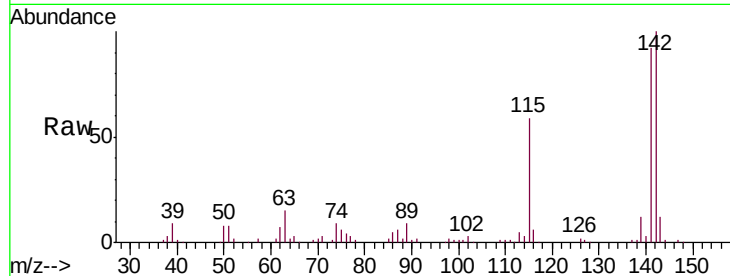




#37
 2-Methylnaphthalene
 Concen: 48.397 ng
 RT: 12.58 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

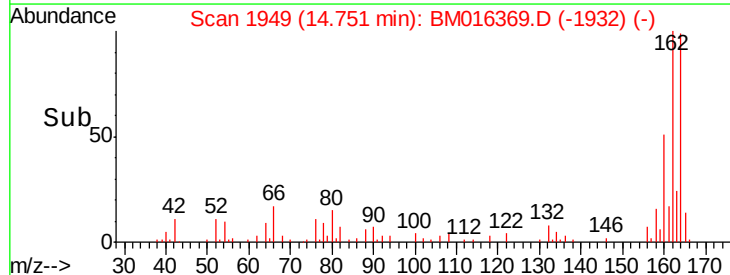
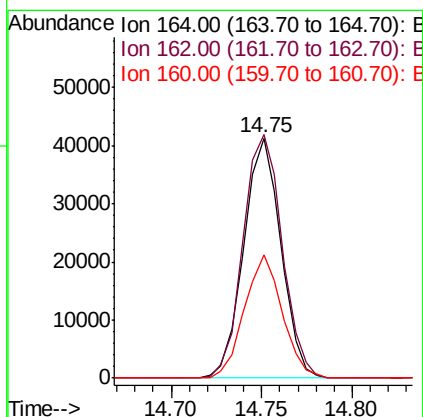
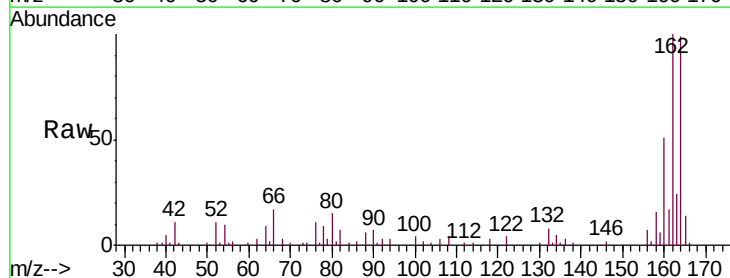
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

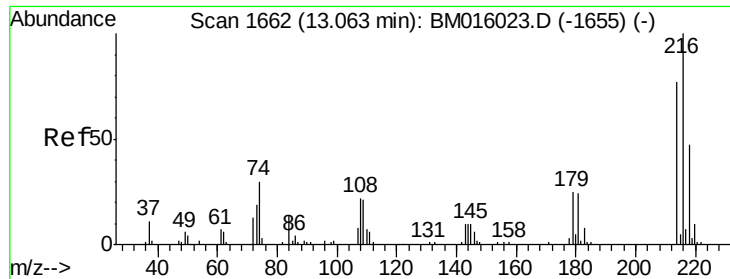
Tgt Ion:142 Resp: 164198
 Ion Ratio Lower Upper
 142 100
 141 92.2 71.9 107.9
 115 59.1 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:164 Resp: 58924
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.4 123.6
 160 51.3 35.8 53.6

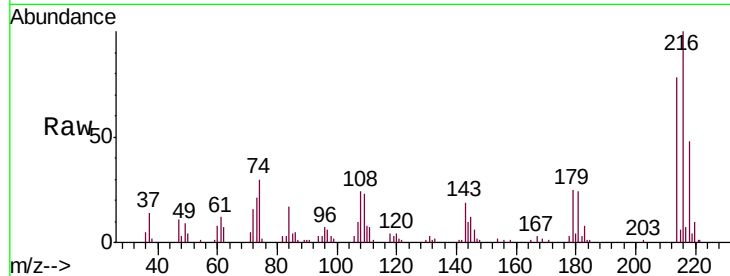




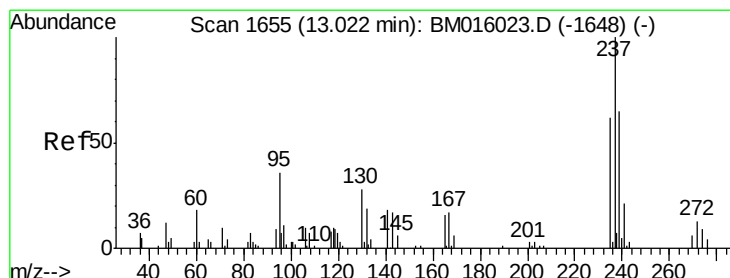
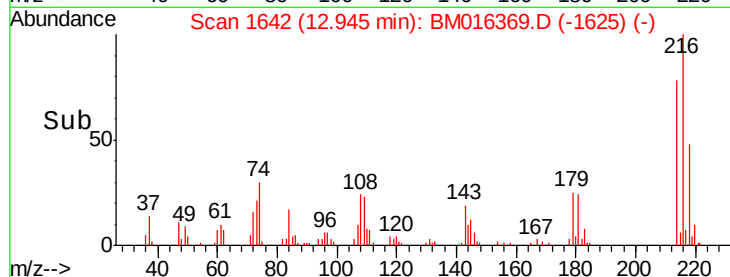
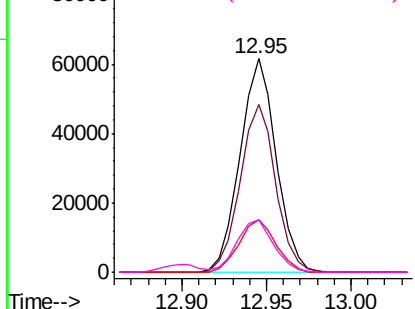
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.757 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:	216	Resp:	91792
Ion	Ratio	Lower	Upper
216	100		
214	76.9	0.0	0.0#
179	24.7	0.0	0.0#
108	24.8	0.0	0.0#

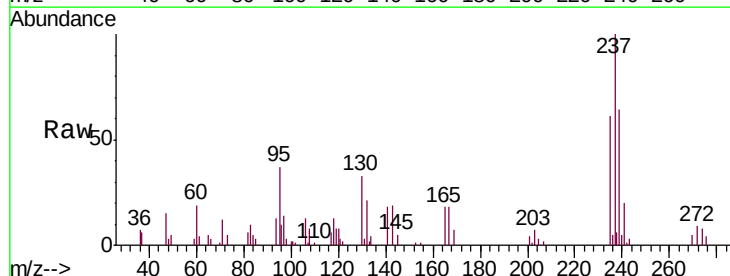


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

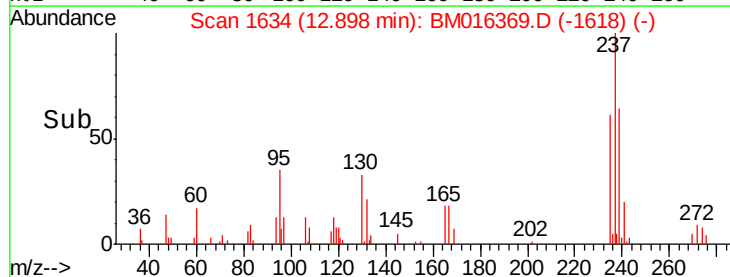
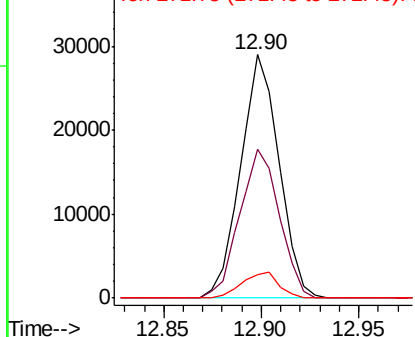


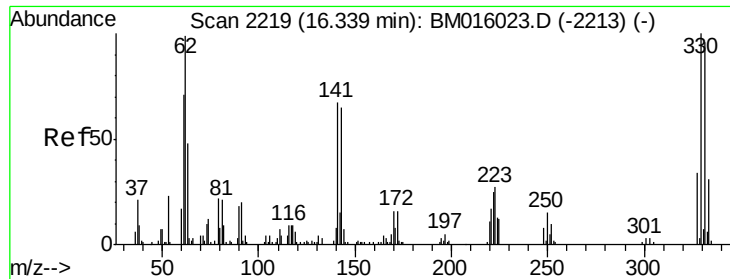
#40
 Hexachlorocyclopentadiene
 Concen: 44.007 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:	237	Resp:	39573
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	9.5	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

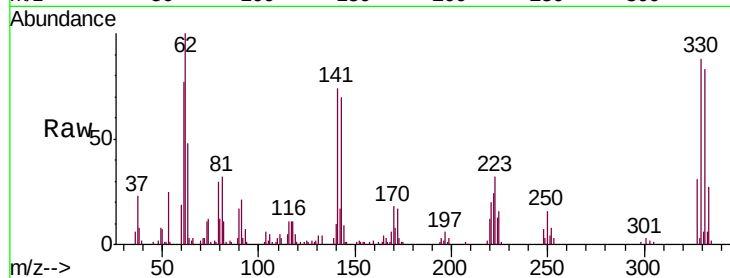




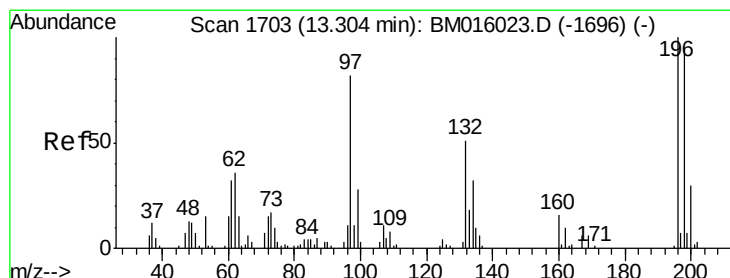
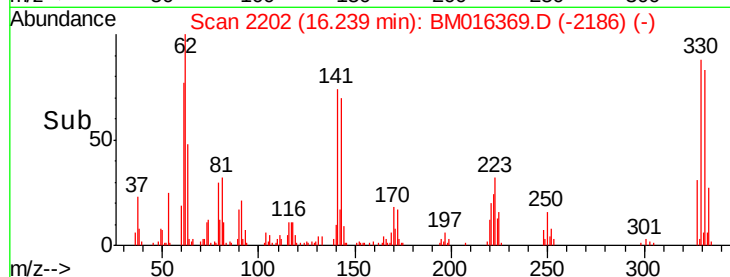
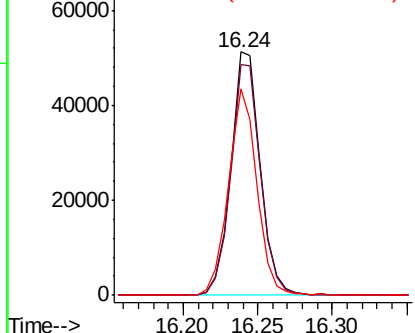
#41
 2,4,6-Tribromophenol
 Concen: 44.007 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion: 330 Resp: 70545
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 82.5 0.0 0.0#

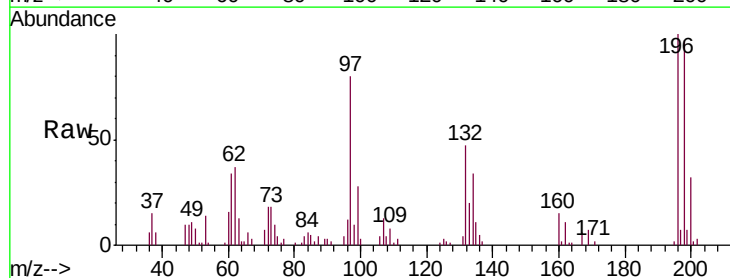


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

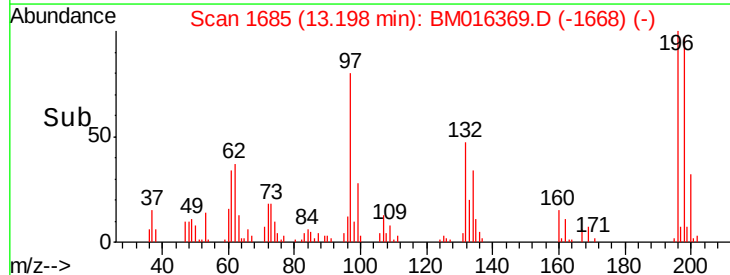
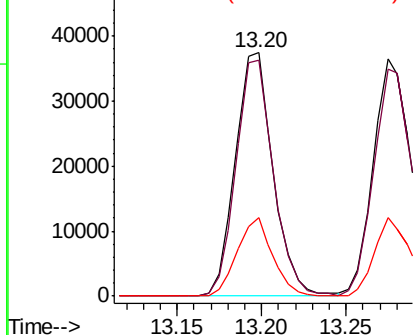


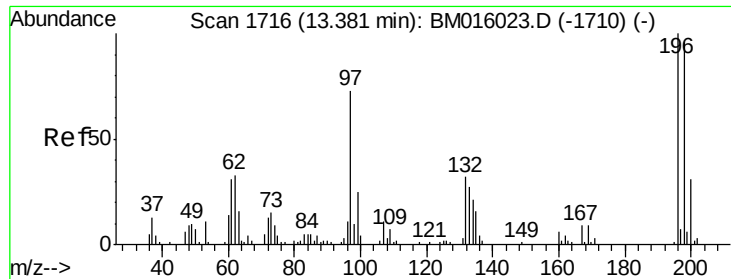
#42
 2,4,6-Trichlorophenol
 Concen: 46.415 ng
 RT: 13.20 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion: 196 Resp: 58255
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.3 114.5
 200 32.1 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

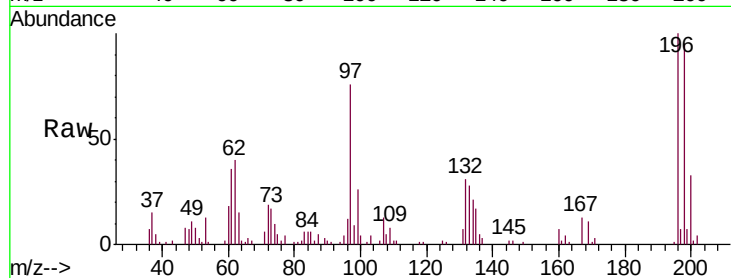




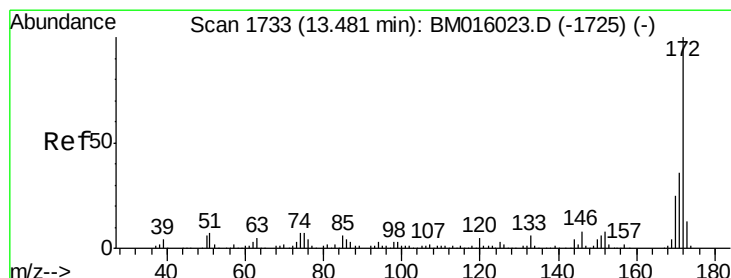
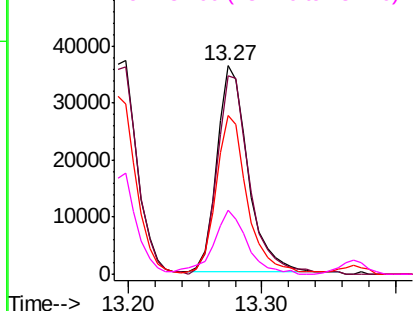
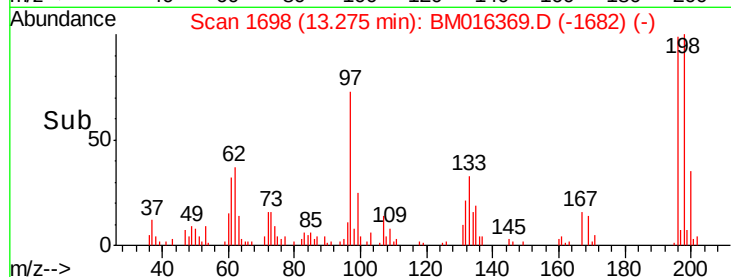
#43
2,4,5-Trichlorophenol
Concen: 45.829 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:196 Resp: 59331
Ion Ratio Lower Upper
196 100
198 95.4 79.4 119.0
97 76.4 26.8 40.2#
132 30.9 18.6 28.0#

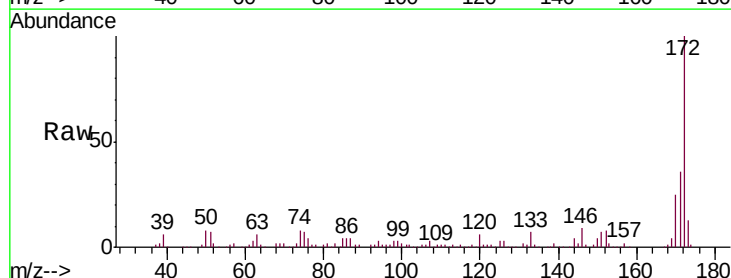


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

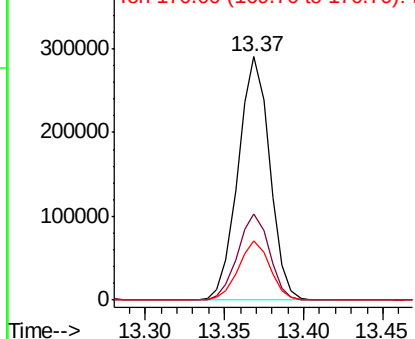
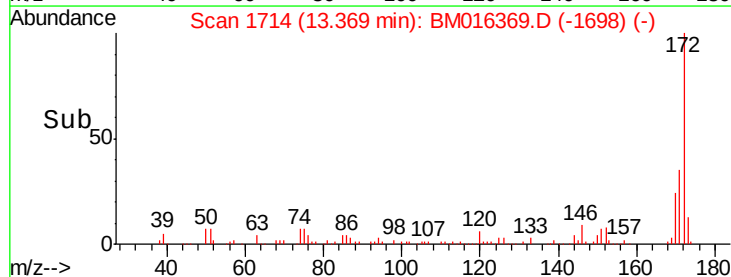


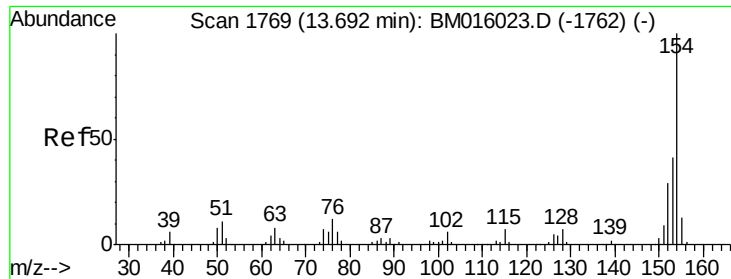
#44
2-Fluorobiphenyl
Concen: 45.829 ng
RT: 13.37 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:172 Resp: 402083
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.5 18.8 28.2



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

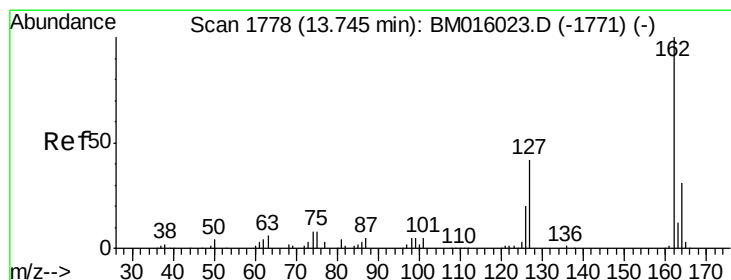
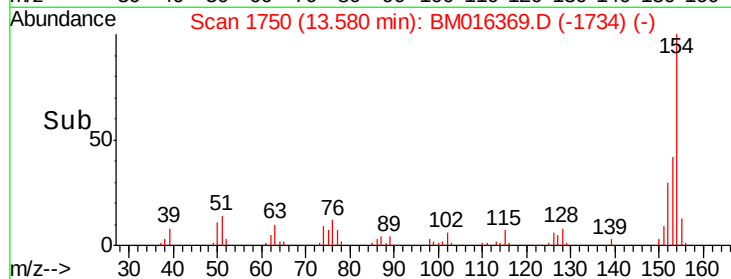
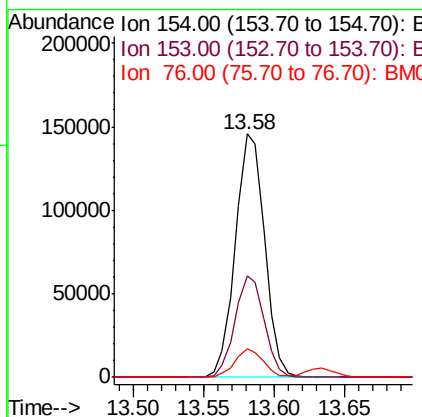
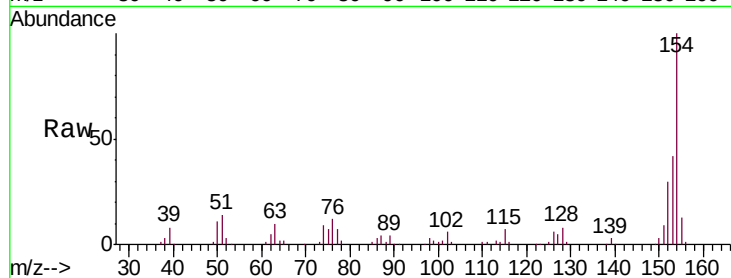




#45
 1,1'-Biphenyl
 Concen: 39.675 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

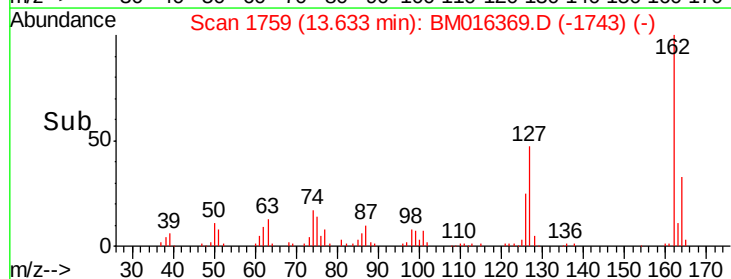
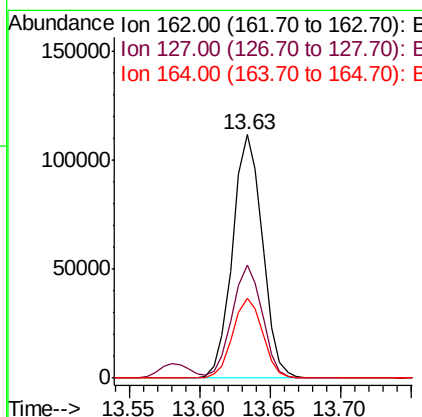
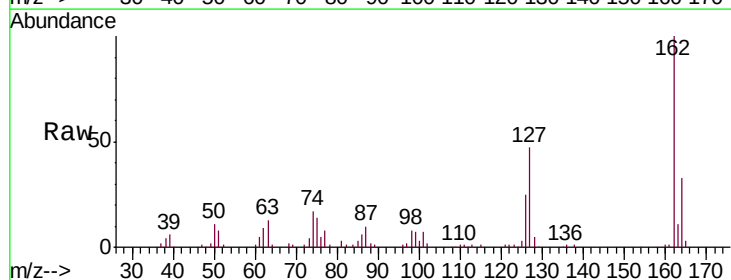
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

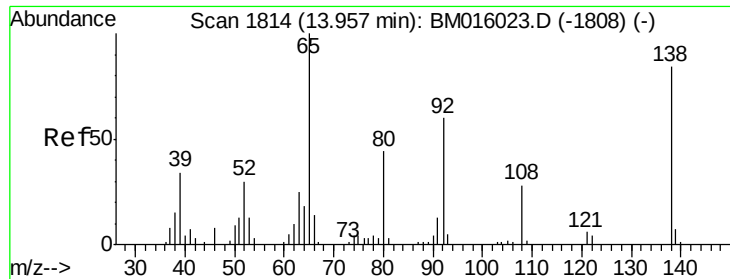
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.7	60.7
76	11.5	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 39.910 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	26.9	40.3#
164	32.9	26.8	40.2

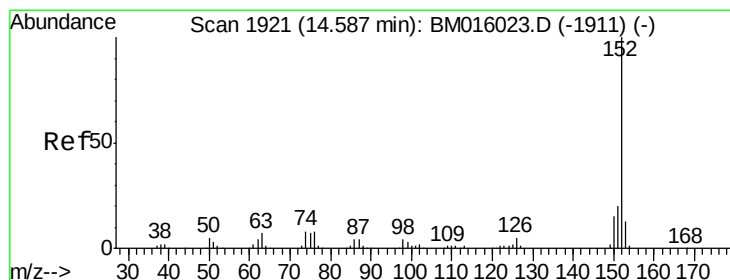
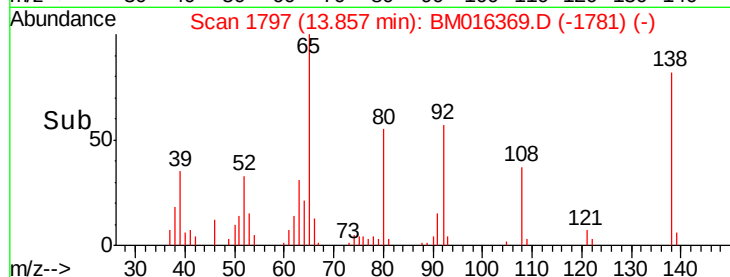
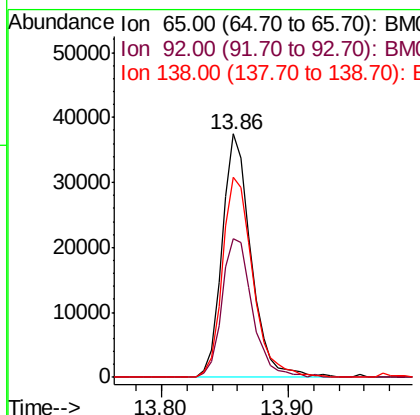
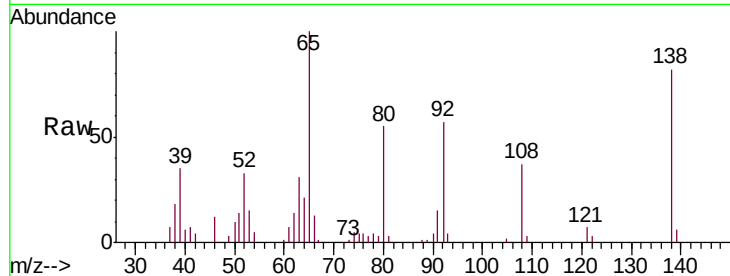




#47
2-Nitroaniline
Concen: 43.221 ng
RT: 13.86 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

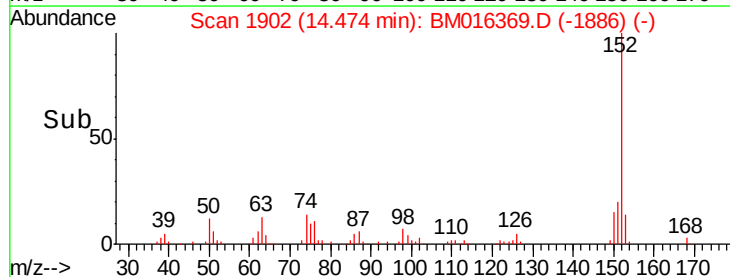
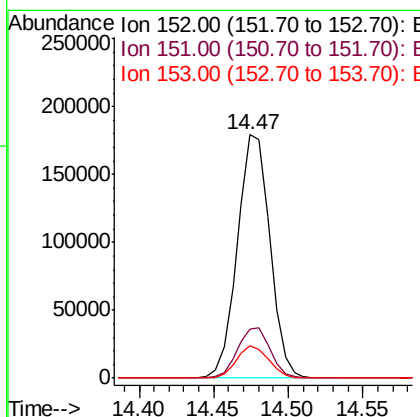
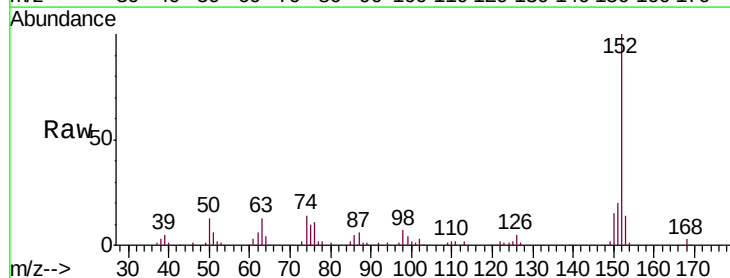
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

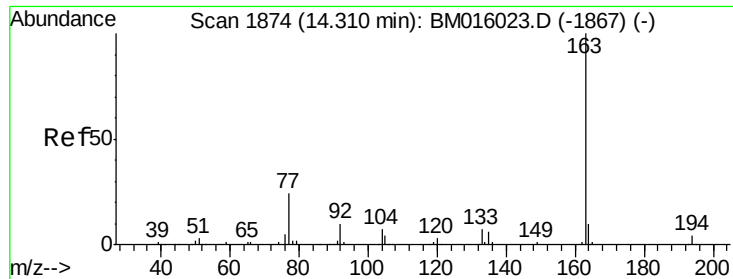
Tgt Ion: 65 Resp: 59100
Ion Ratio Lower Upper
65 100
92 56.8 59.1 88.7#
138 82.0 93.9 140.9#



#48
Acenaphthylene
Concen: 44.990 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 152 Resp: 272408
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 44.095 ng

RT: 14.21 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

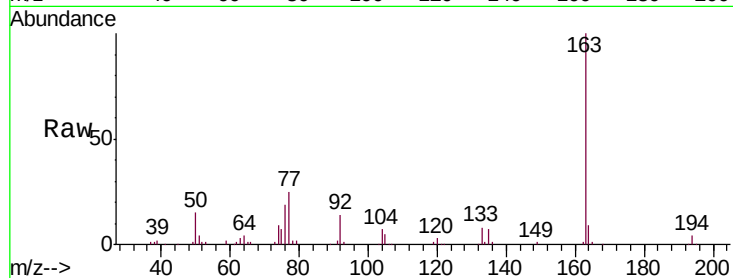
Tgt Ion:163 Resp: 227389

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

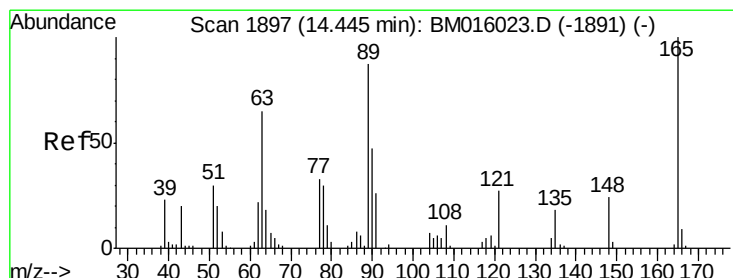
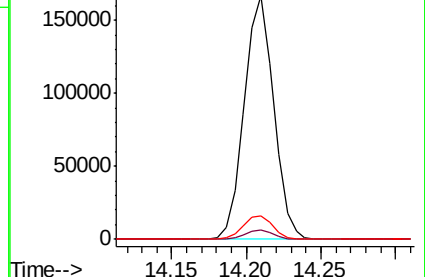
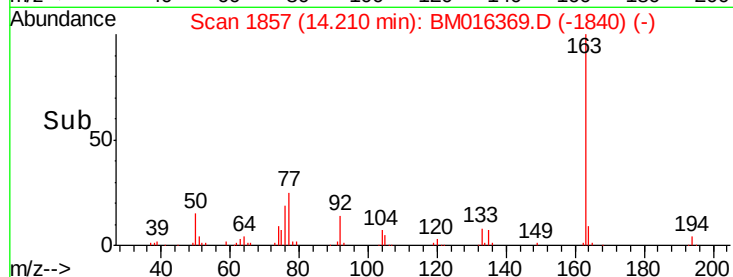
164 9.4 8.2 12.2



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: 43.410 ng

RT: 14.35 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

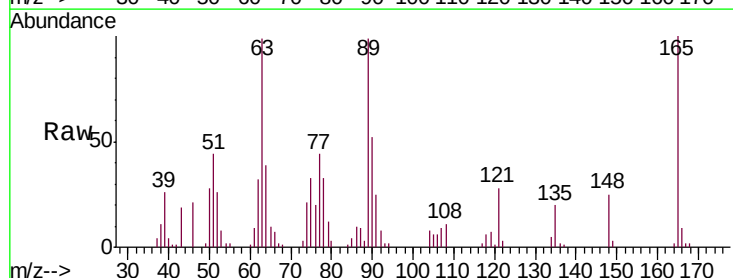
Tgt Ion:165 Resp: 45041

Ion Ratio Lower Upper

165 100

63 99.4 44.1 66.1#

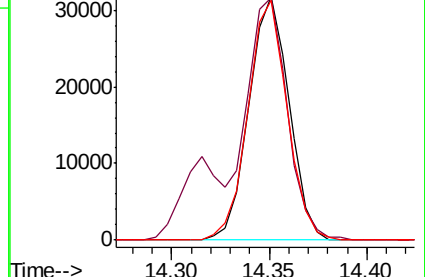
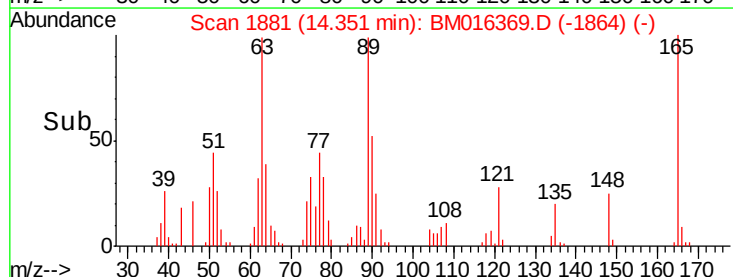
89 98.7 44.3 66.5#

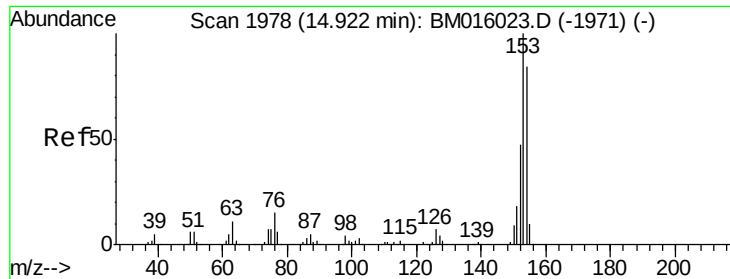


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 41.877 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

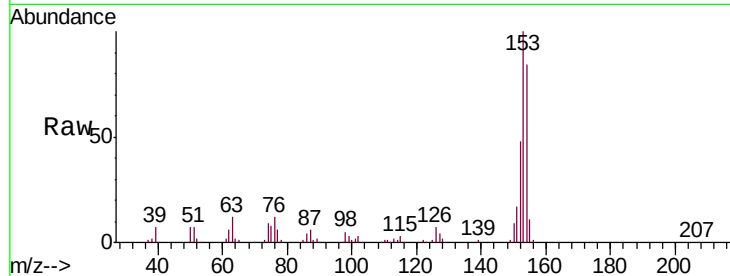
Tgt Ion:154 Resp: 155943

Ion Ratio Lower Upper

154 100

153 119.1 90.0 135.0

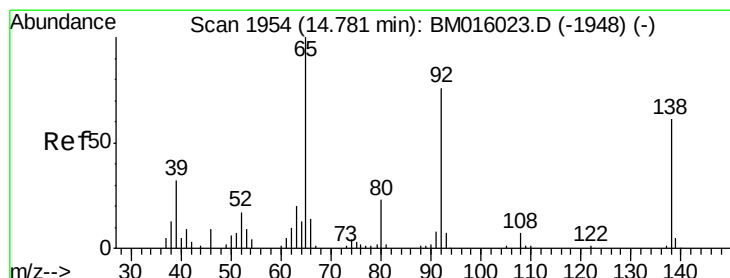
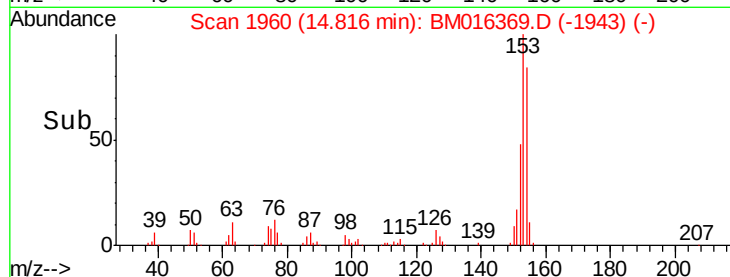
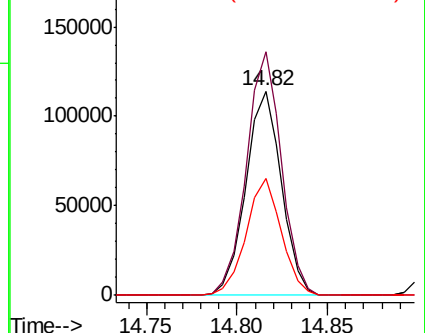
152 57.5 42.6 63.8



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: 30.801 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

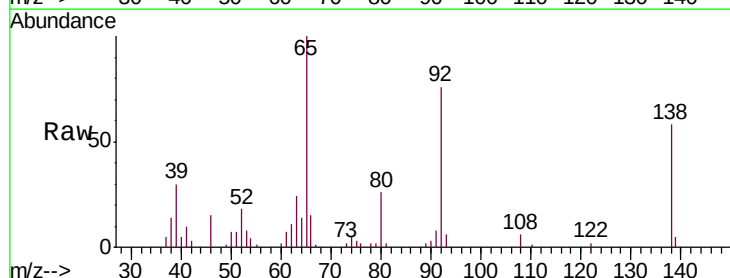
Tgt Ion:138 Resp: 34518

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

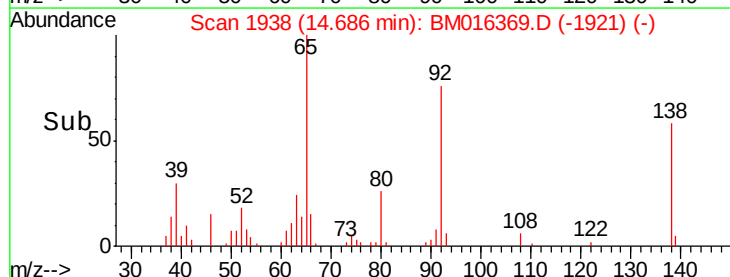
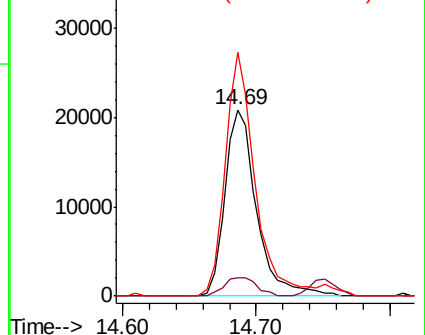
92 130.6 76.6 114.8#

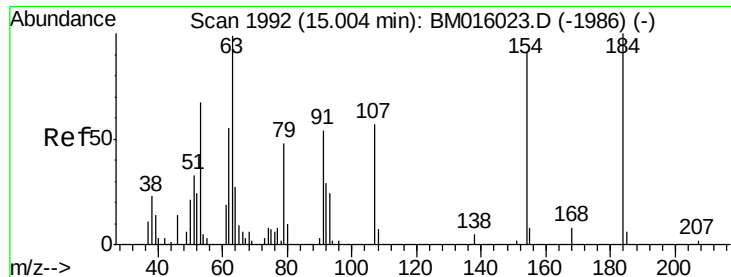


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

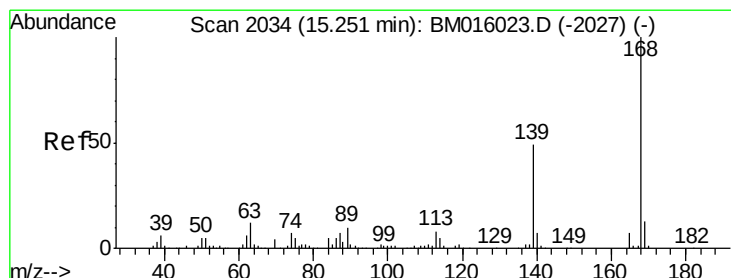
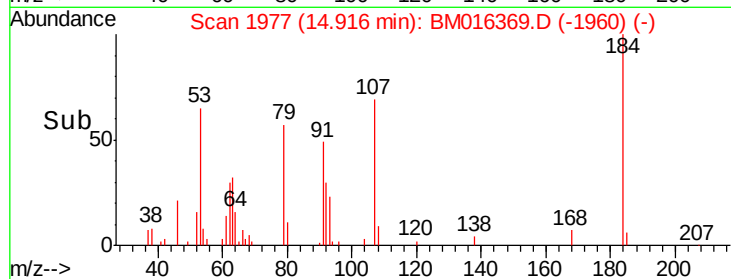
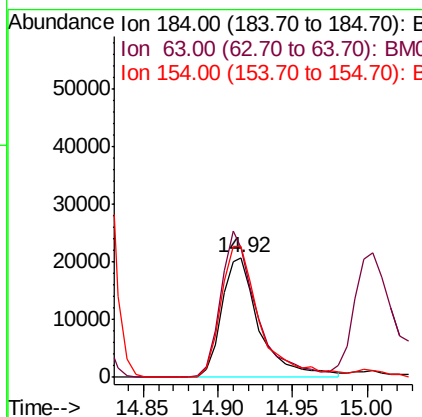
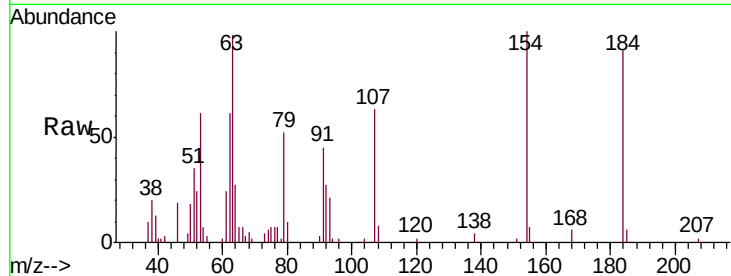




#53
2,4-Dinitrophenol
Concen: 83.122 ng
RT: 14.92 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

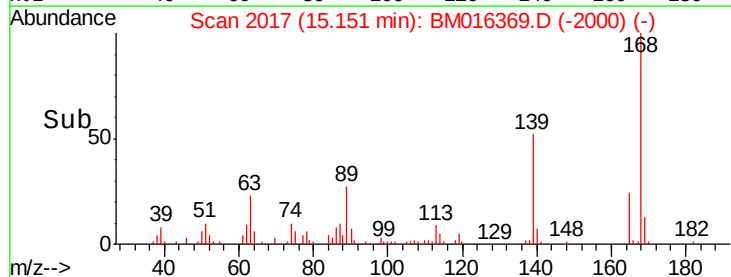
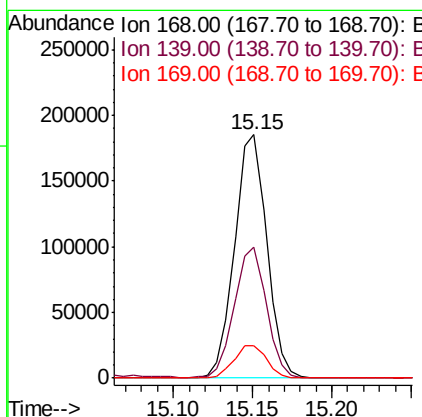
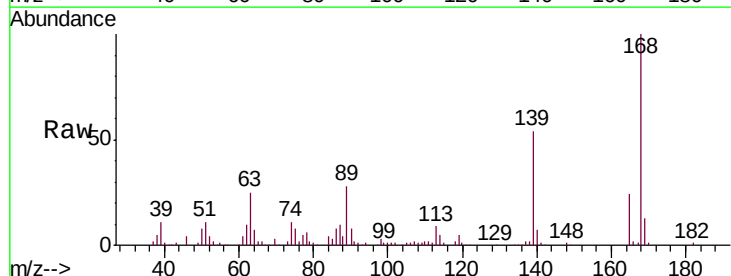
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

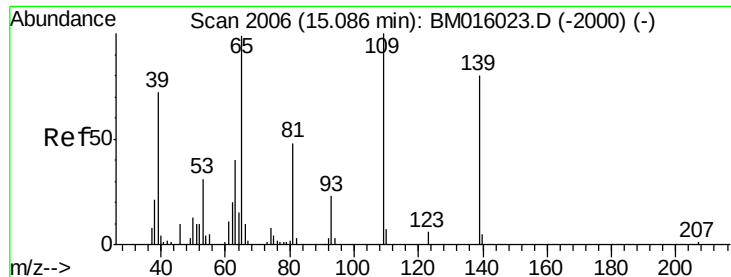
Tgt Ion:184 Resp: 37148
Ion Ratio Lower Upper
184 100
63 108.0 69.2 103.8#
154 109.7 53.3 79.9#



#54
Dibenzofuran
Concen: 42.561 ng
RT: 15.15 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:168 Resp: 261174
Ion Ratio Lower Upper
168 100
139 54.0 27.3 40.9#
169 13.2 10.6 16.0

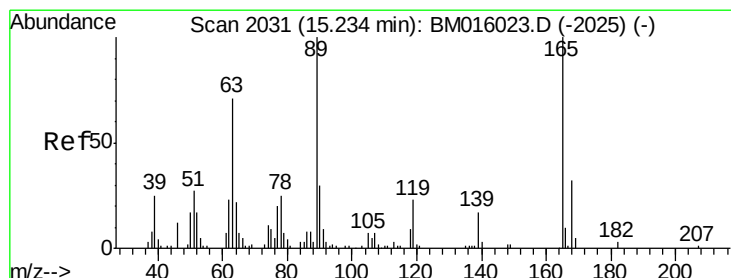
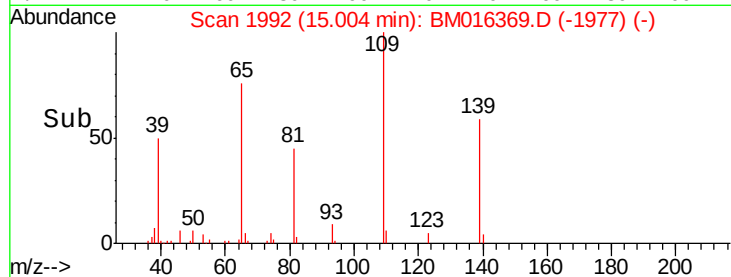
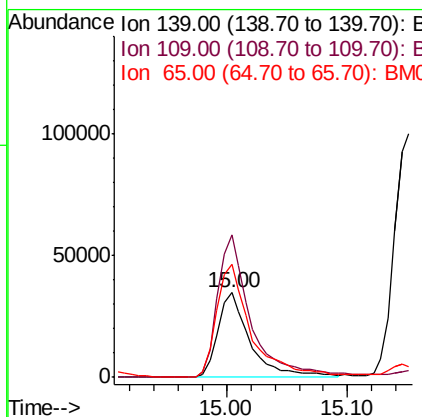
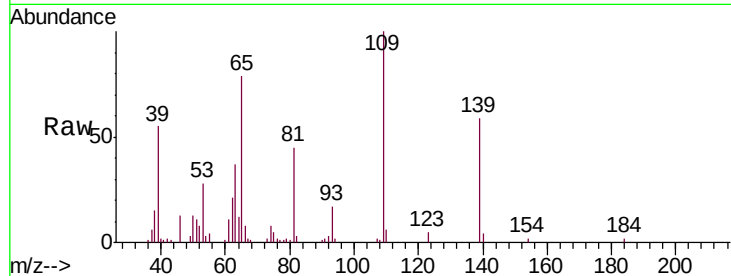




#55
4-Nitrophenol
Concen: 81.041 ng
RT: 15.00 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

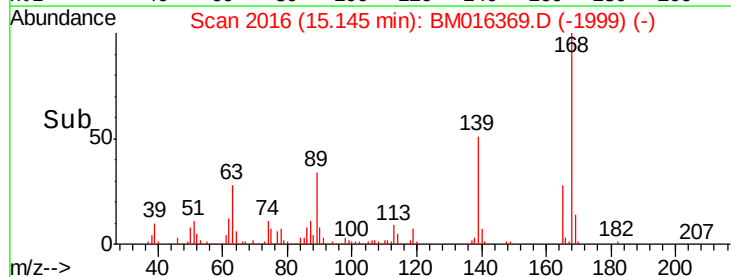
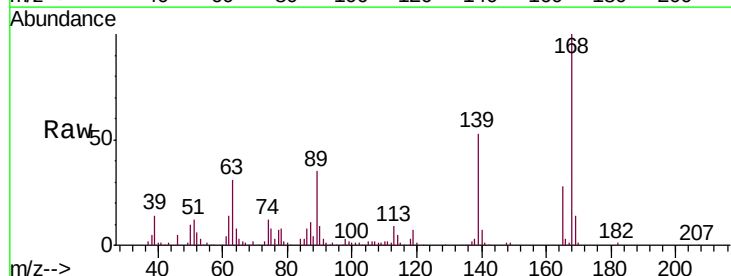
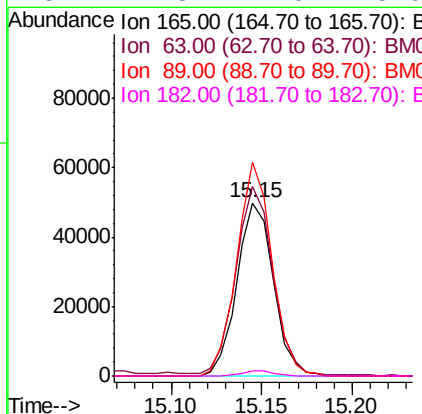
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

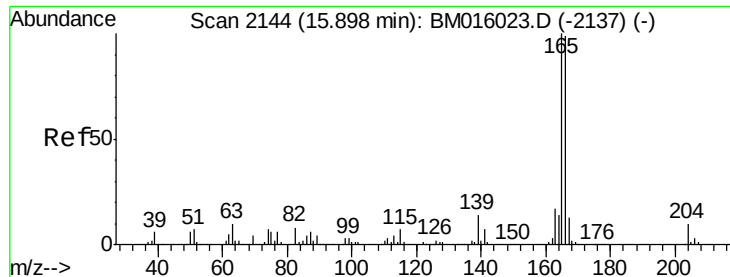
Tgt Ion:139 Resp: 65107
Ion Ratio Lower Upper
139 100
109 168.5 130.0 170.0
65 133.5 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 46.795 ng
RT: 15.15 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:165 Resp: 69424
Ion Ratio Lower Upper
165 100
63 109.6 52.4 78.6#
89 123.5 72.4 108.6#
182 2.8 2.0 3.0

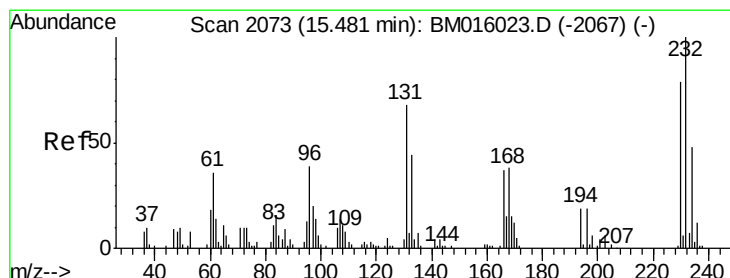
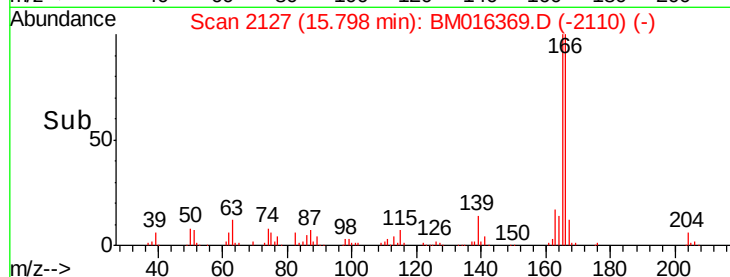
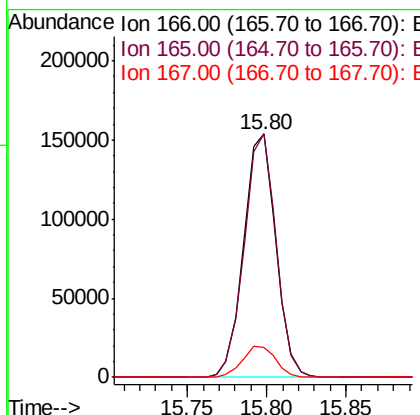
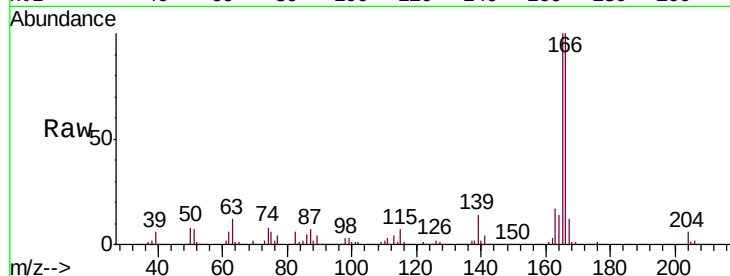




#57
 Fluorene
 Concen: 47.417 ng
 RT: 15.80 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

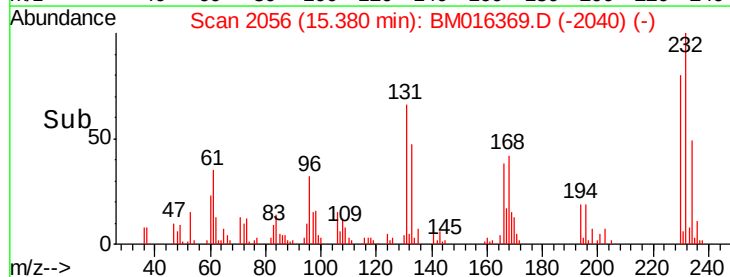
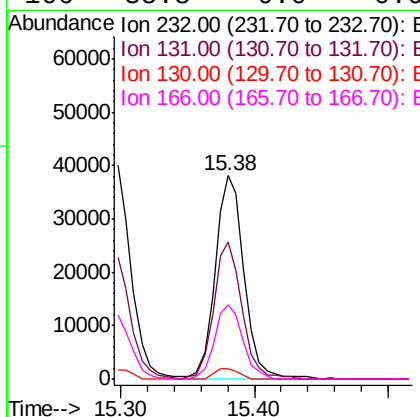
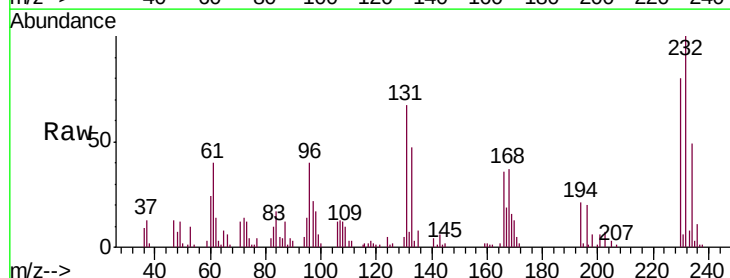
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

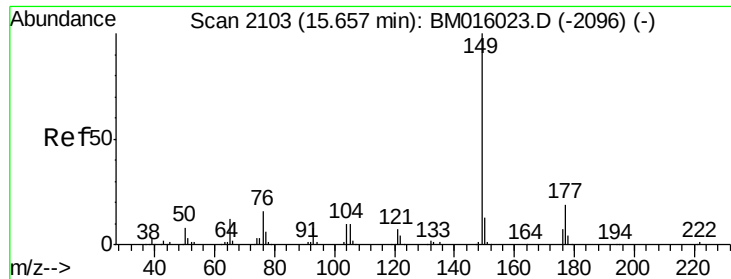
Tgt Ion:166 Resp: 216222
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.4
 167 12.4 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.810 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:232 Resp: 57653
 Ion Ratio Lower Upper
 232 100
 131 65.9 0.0 0.0#
 130 4.3 0.0 0.0#
 166 35.8 0.0 0.0#





#59

Diethylphthalate

Concen: 45.929 ng

RT: 15.56 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

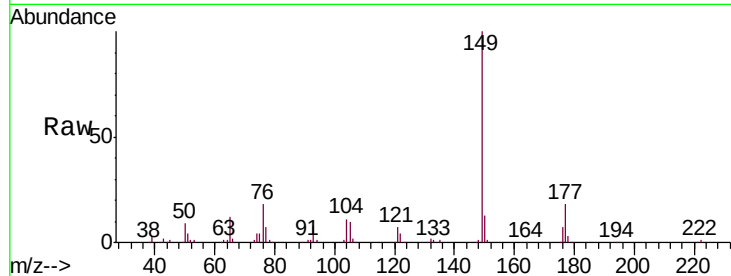
Tgt Ion:149 Resp: 255285

Ion Ratio Lower Upper

149 100

177 18.4 18.3 27.5

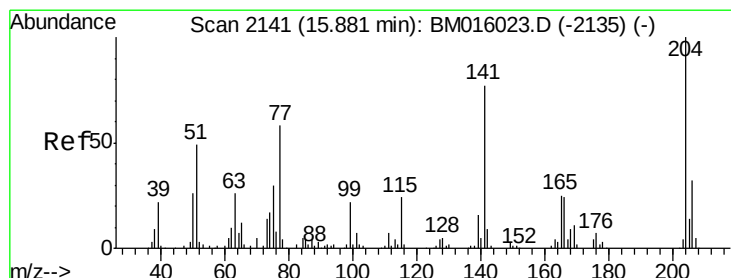
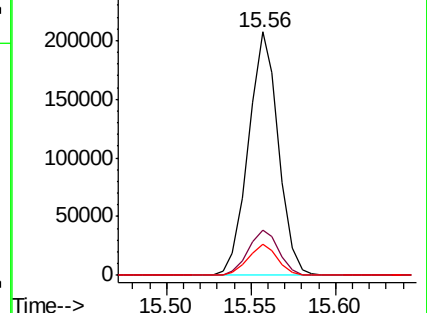
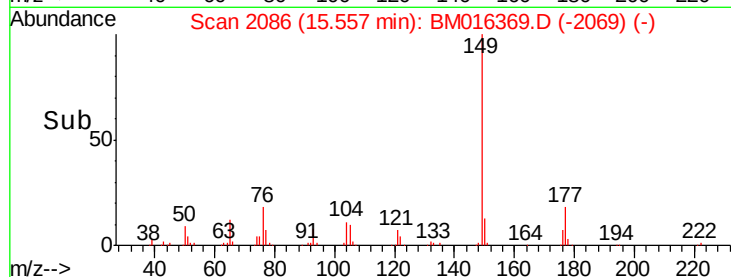
150 12.9 9.8 14.8



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: 44.454 ng

RT: 15.78 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

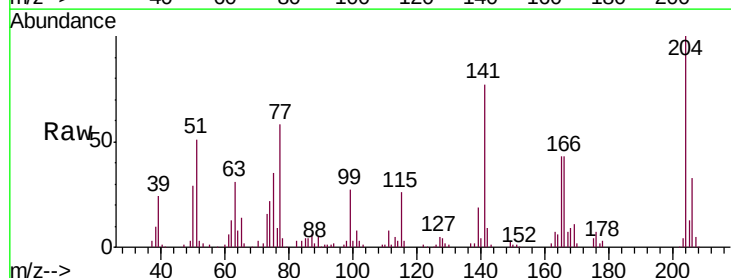
Tgt Ion:204 Resp: 112847

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

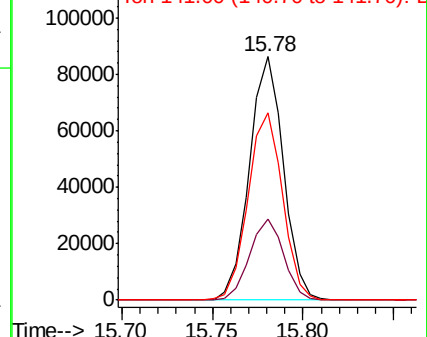
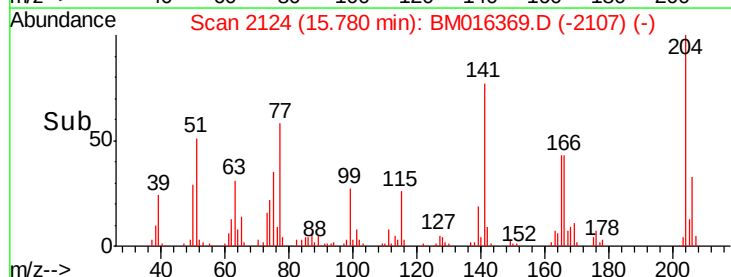
141 77.2 45.2 67.8#

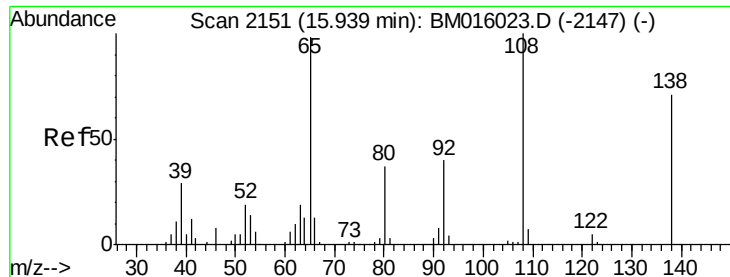


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

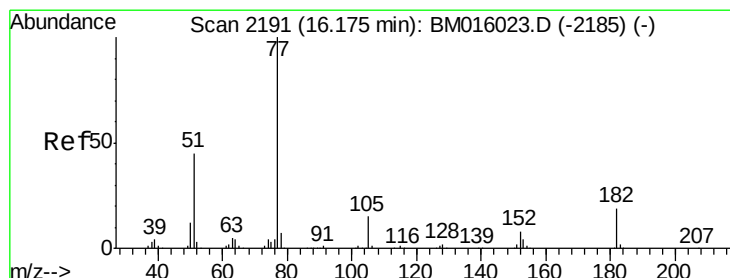
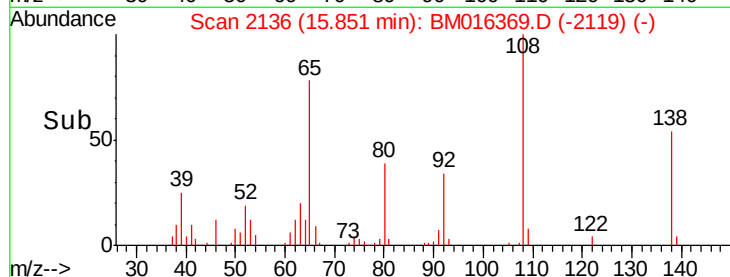
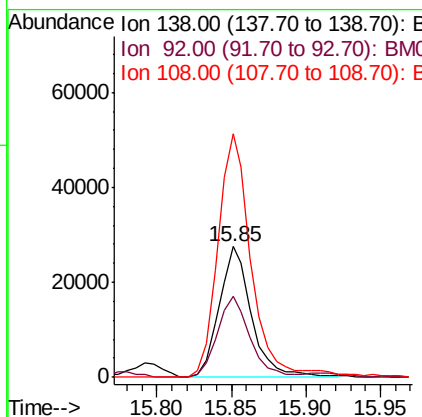
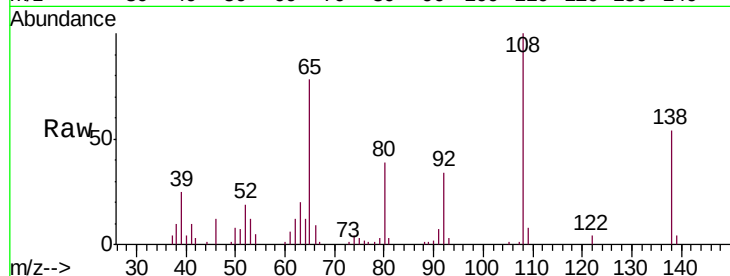




#61
4-Nitroaniline
Concen: 38.893 ng
RT: 15.85 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

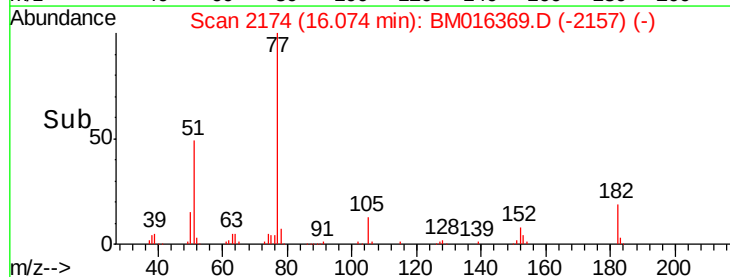
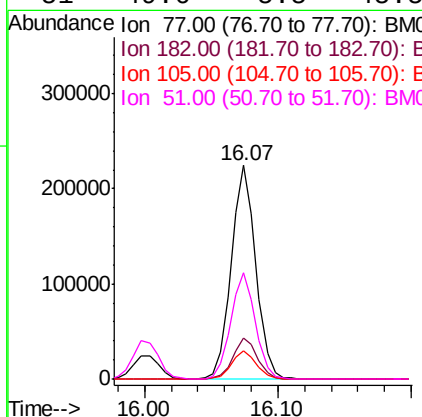
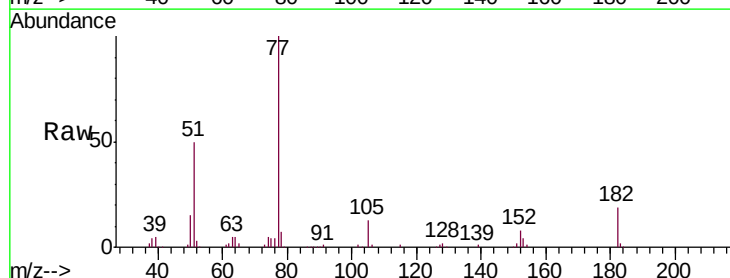
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

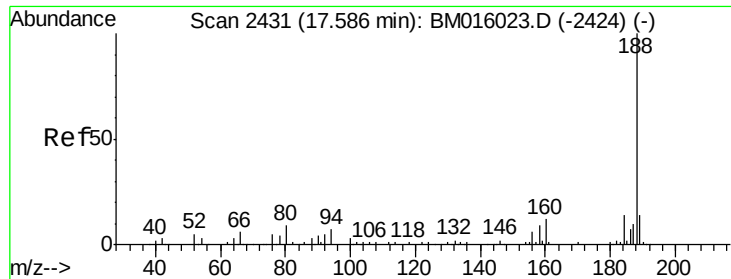
Tgt Ion: 138 Resp: 41819
Ion Ratio Lower Upper
138 100
92 62.4 16.7 56.7#
108 186.0 37.6 77.6#



#62
Azobenzene
Concen: 49.235 ng
RT: 16.07 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 77 Resp: 288204
Ion Ratio Lower Upper
77 100
182 19.0 6.5 46.5
105 13.3 3.8 43.8
51 49.6 5.5 45.5#

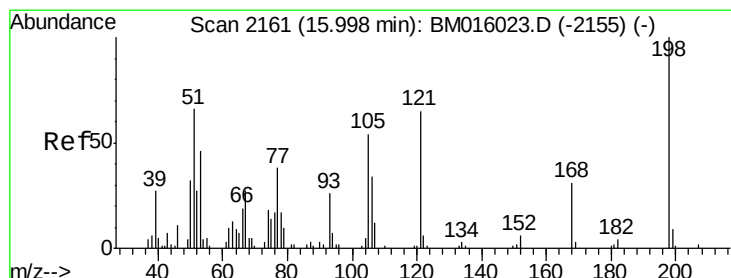
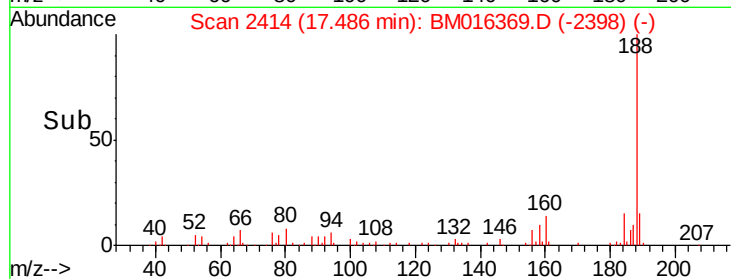
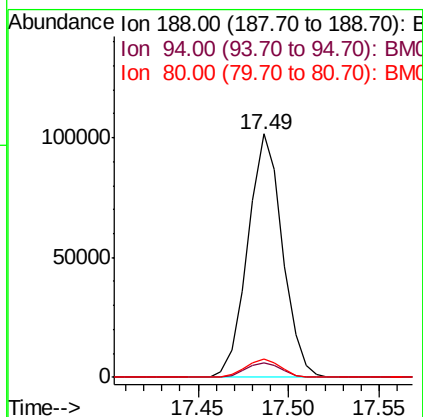
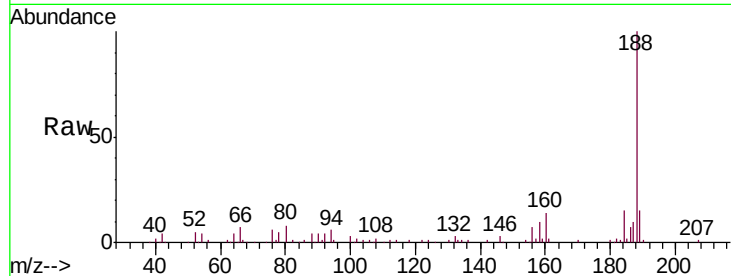




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

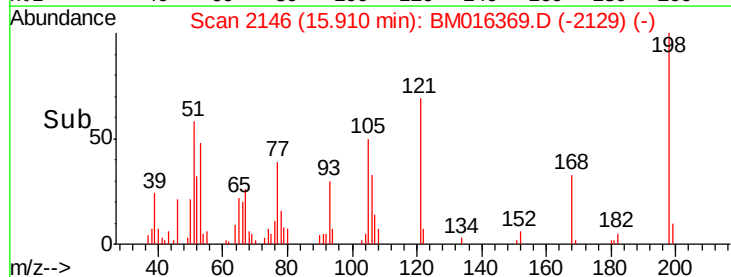
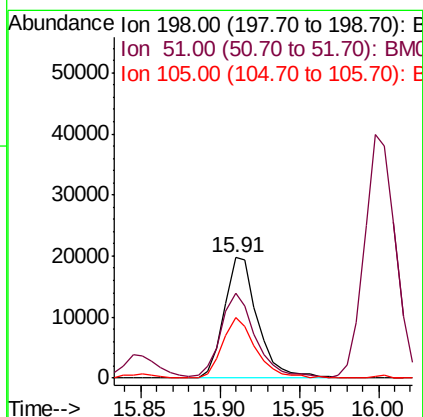
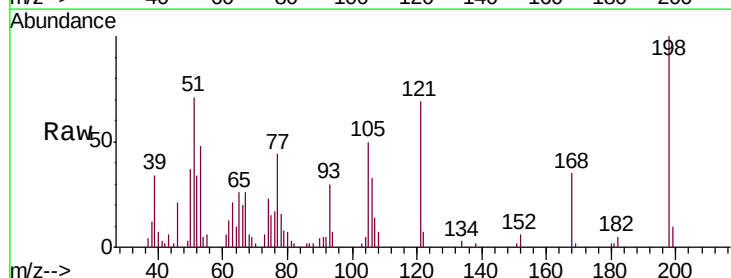
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

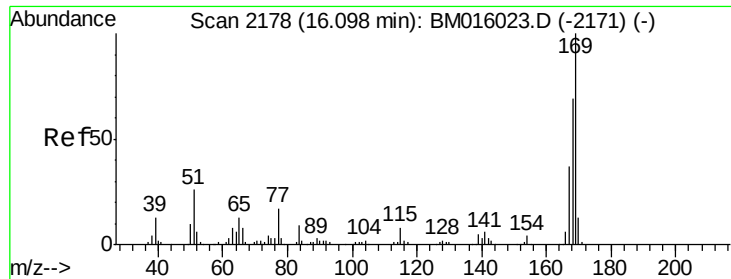
Tgt Ion:188 Resp: 134816
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.7 13.1#
 80 7.6 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.399 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:198 Resp: 28967
 Ion Ratio Lower Upper
 198 100
 51 70.5 28.8 68.8#
 105 50.3 30.5 70.5

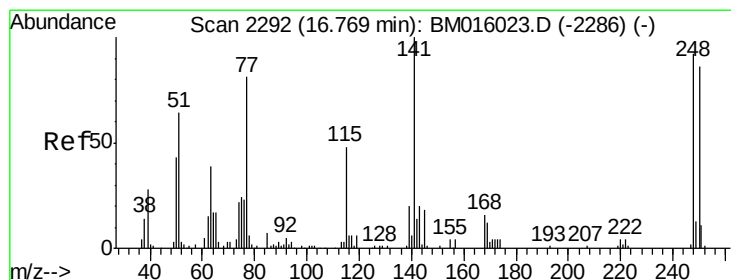
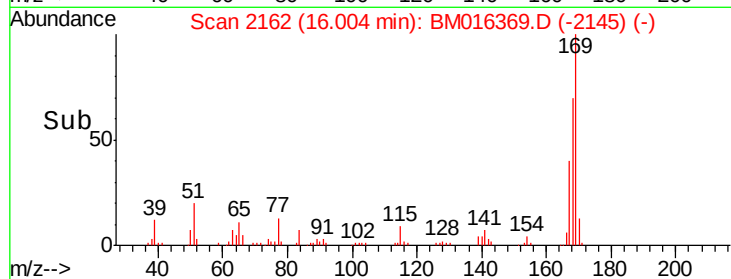
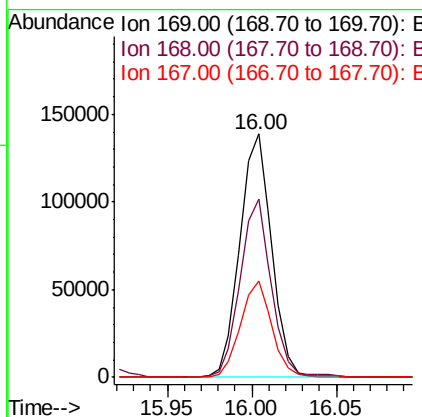
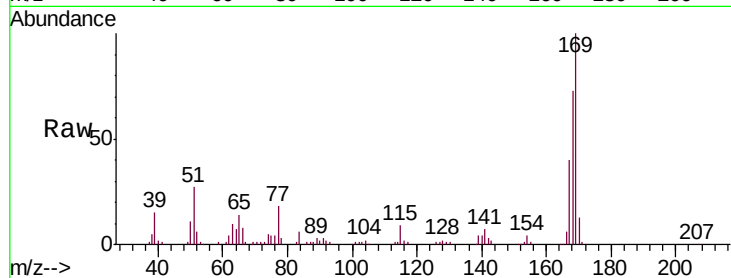




#65
 n-Nitrosodiphenylamine
 Concen: 40.901 ng
 RT: 16.00 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

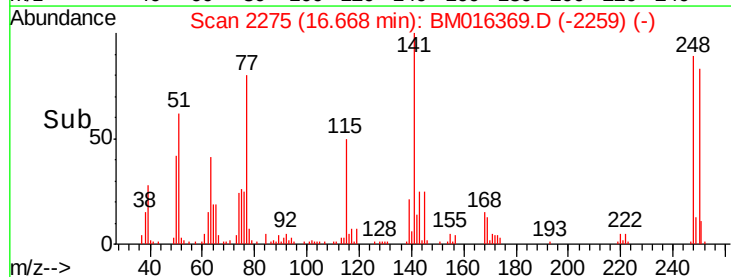
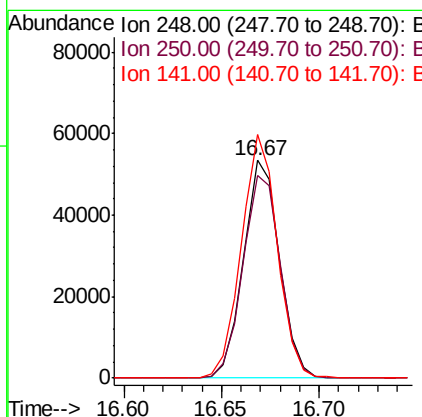
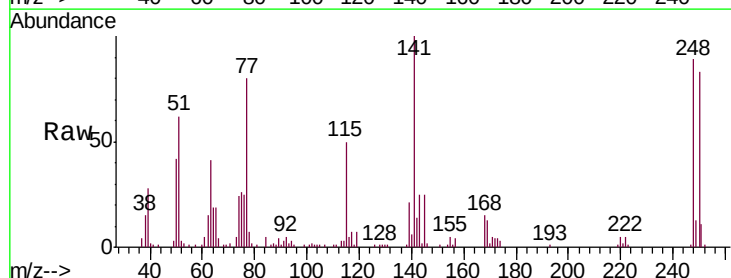
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

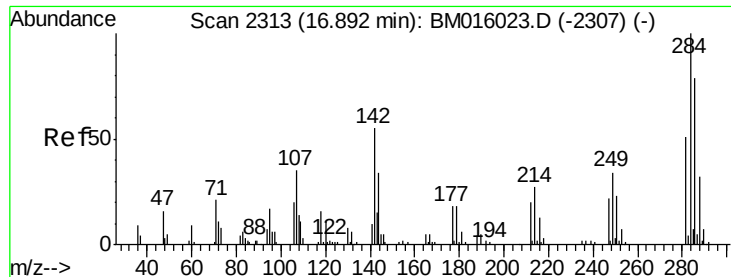
Tgt Ion:169 Resp: 181571
 Ion Ratio Lower Upper
 169 100
 168 73.1 53.9 80.9
 167 39.7 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.712 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:248 Resp: 68257
 Ion Ratio Lower Upper
 248 100
 250 93.1 77.4 116.0
 141 111.8 45.2 67.8#

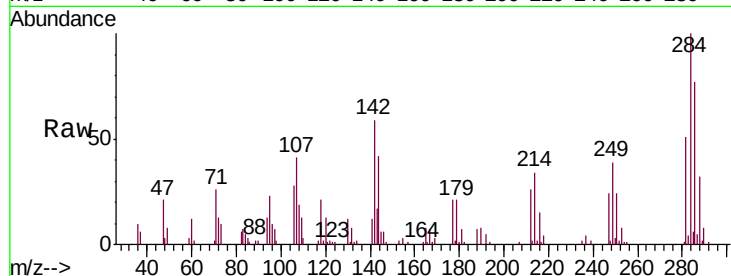




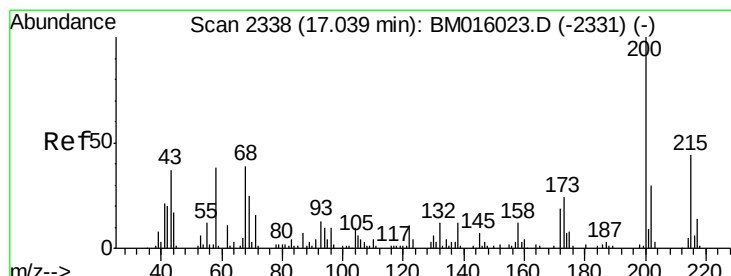
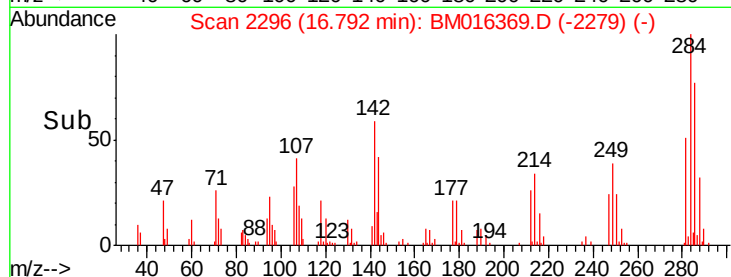
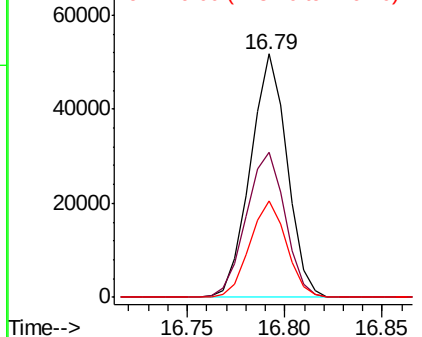
#67
Hexachlorobenzene
Concen: 40.114 ng
RT: 16.79 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:284 Resp: 67436
Ion Ratio Lower Upper
284 100
142 59.4 20.4 30.6#
249 39.4 23.8 35.6#

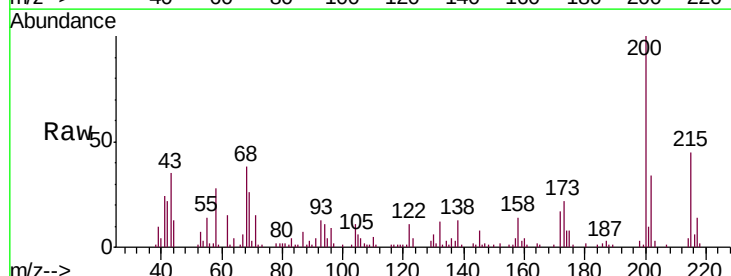


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

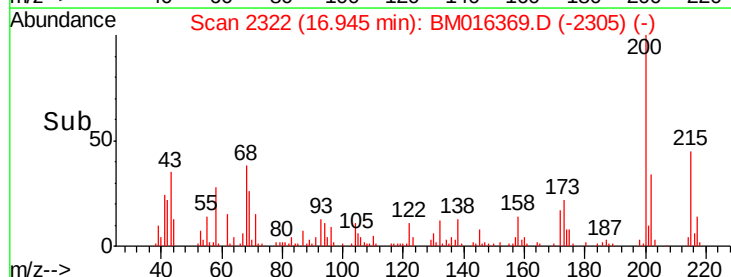
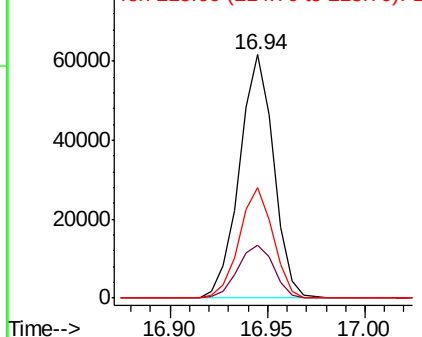


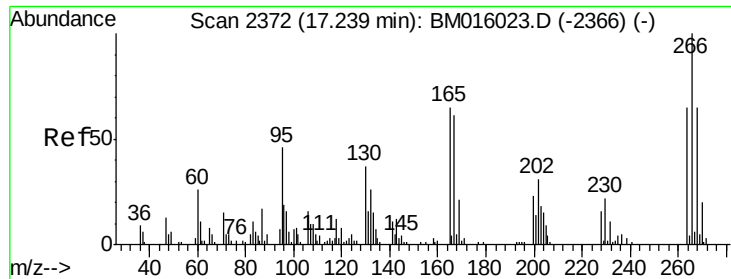
#68
Atrazine
Concen: 47.099 ng
RT: 16.94 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:200 Resp: 74937
Ion Ratio Lower Upper
200 100
173 21.8 4.8 44.8
215 45.2 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: 69.515 ng

RT: 17.14 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

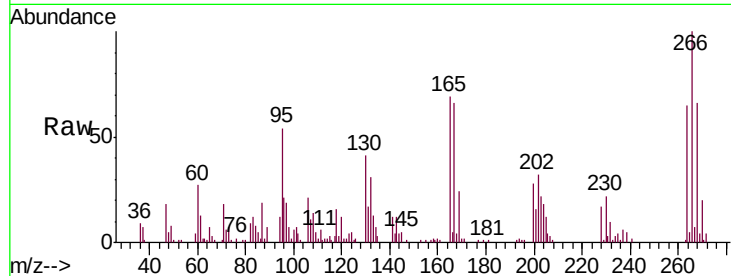
Tgt Ion:266 Resp: 72365

Ion Ratio Lower Upper

266 100

268 66.2 52.0 78.0

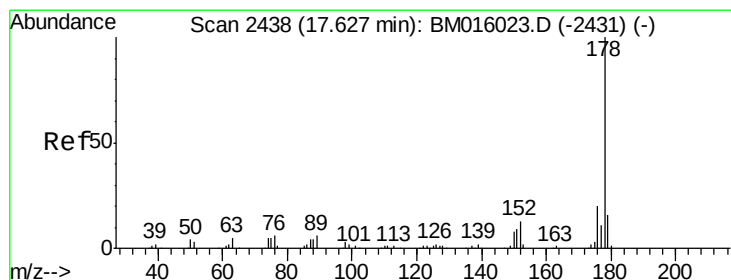
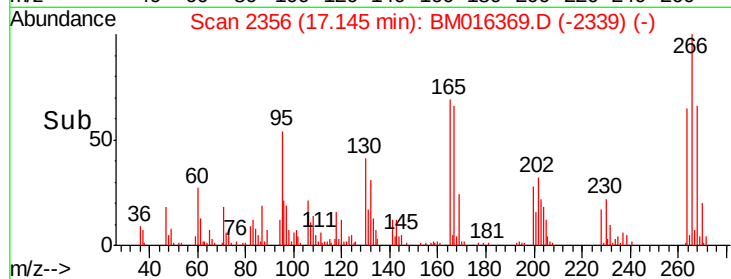
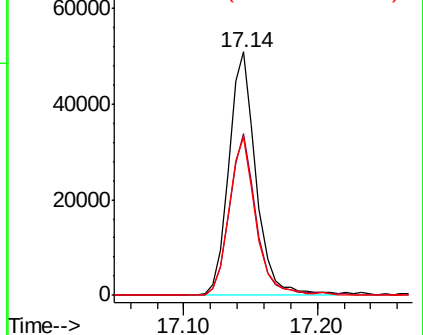
264 64.7 49.0 73.4



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: 43.902 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

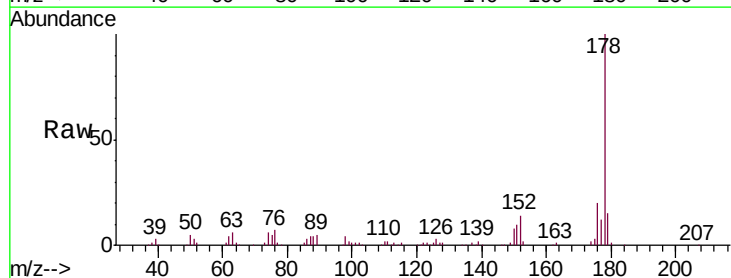
Tgt Ion:178 Resp: 331361

Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

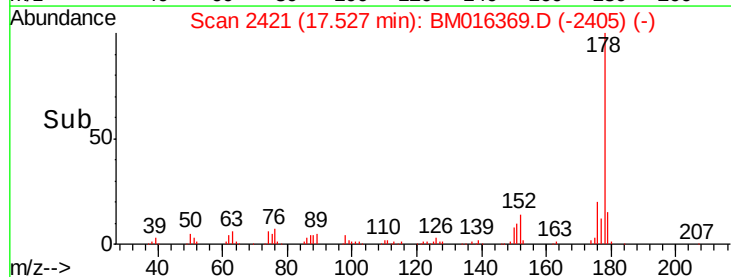
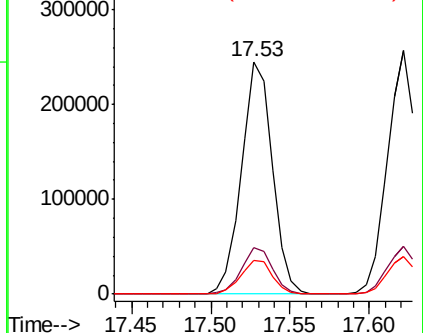
179 14.8 12.1 18.1

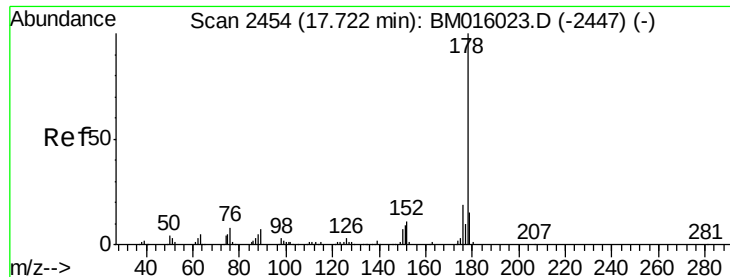


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

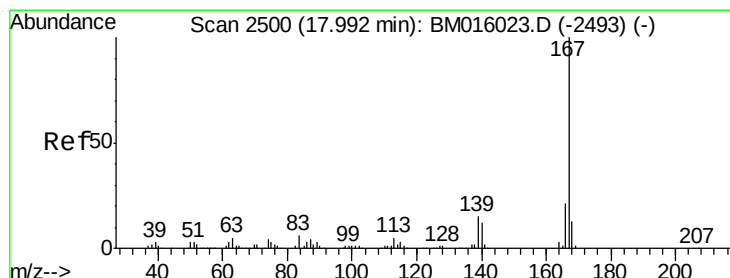
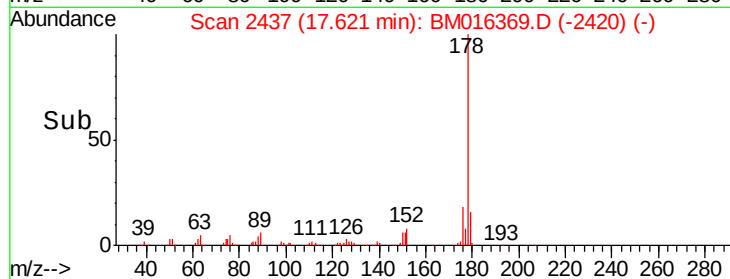
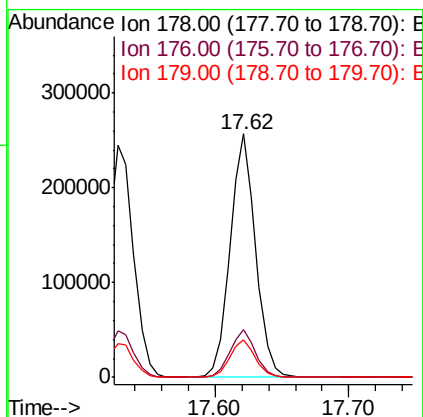
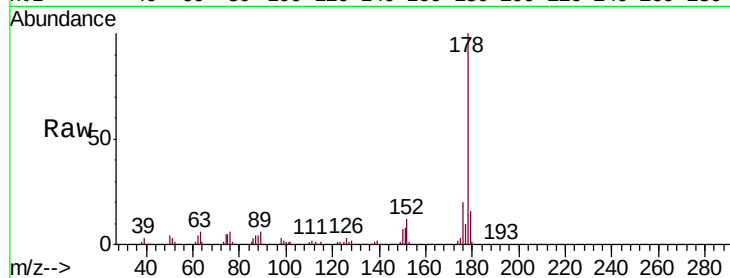




#71
 Anthracene
 Concen: 46.496 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

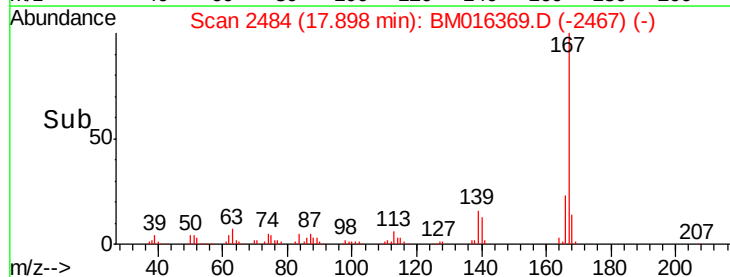
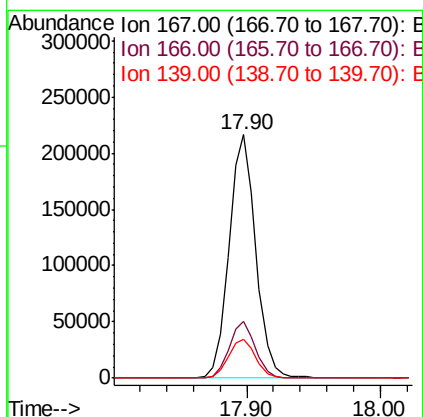
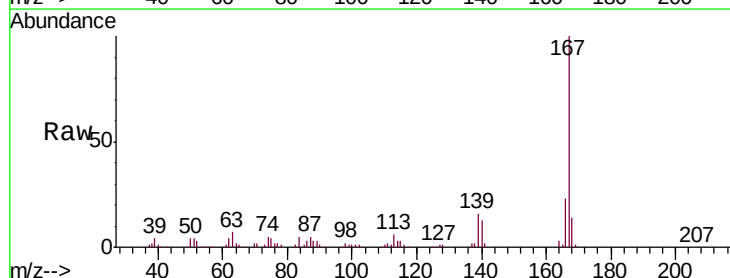
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

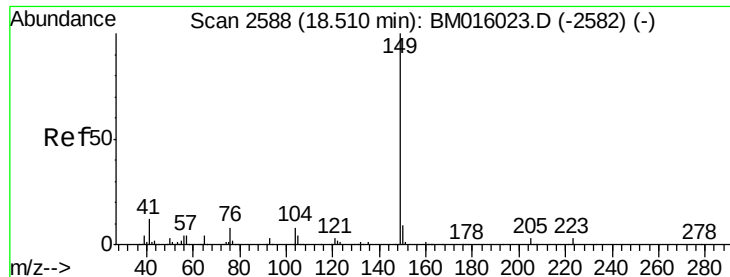
Tgt Ion:178 Resp: 341080
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 39.806 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:167 Resp: 302507
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.2 25.8
 139 16.0 10.8 16.2

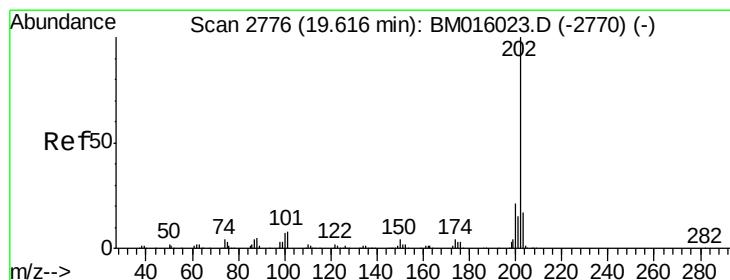
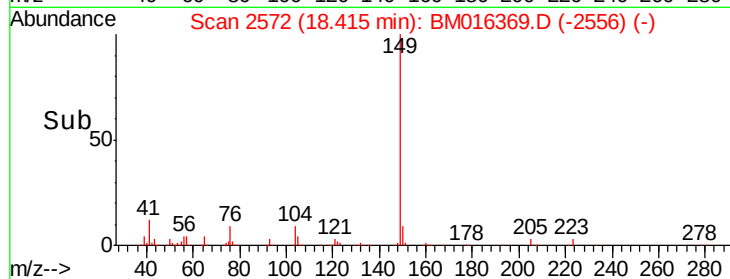
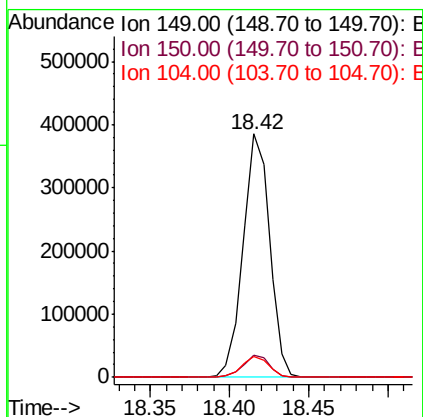
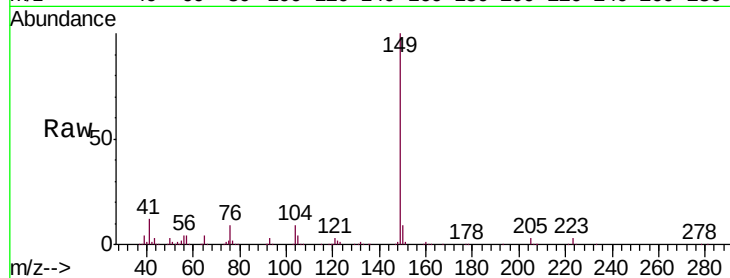




#73
Di-n-butylphthalate
Concen: 47.373 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

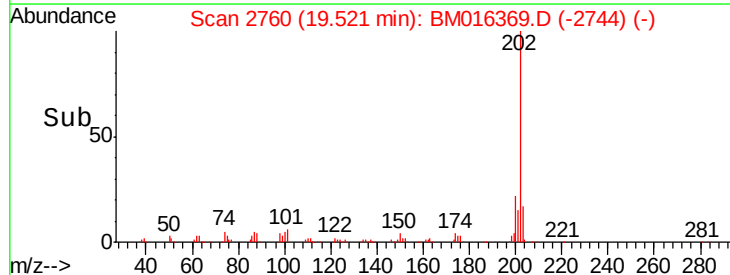
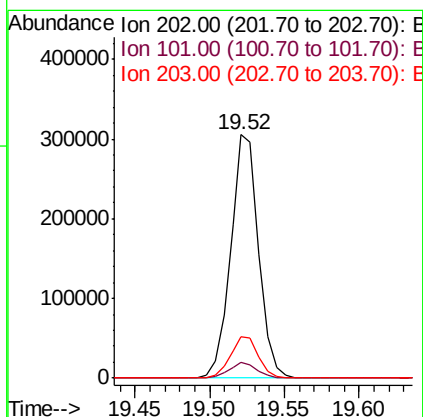
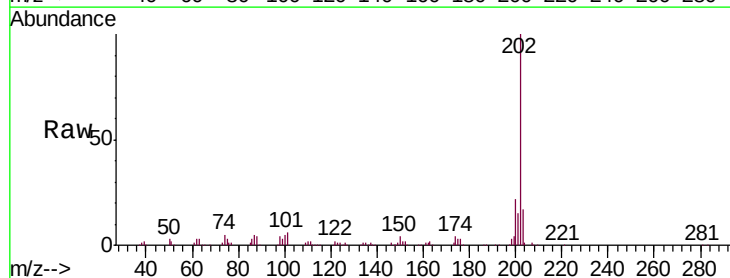
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

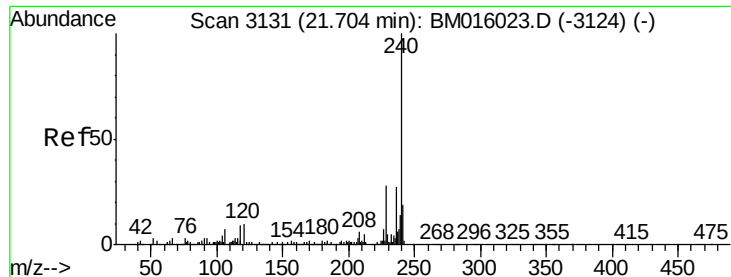
Tgt Ion:149 Resp: 448611
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 8.6 3.7 5.5#



#74
Fluoranthene
Concen: 47.142 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:202 Resp: 396909
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.7
203 17.1 0.0 37.2

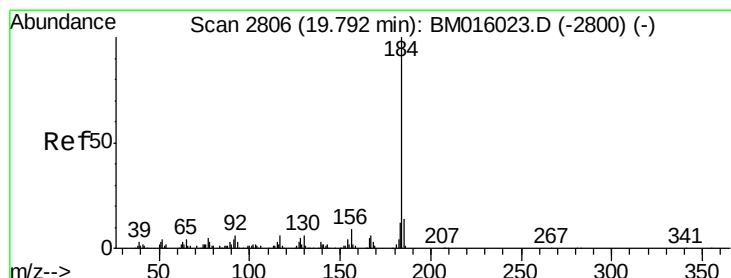
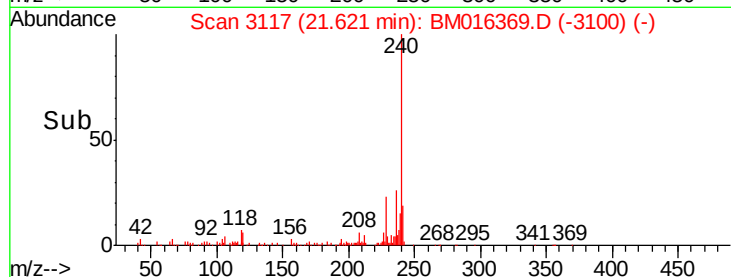
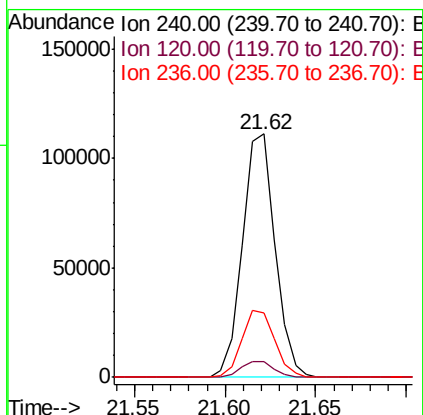
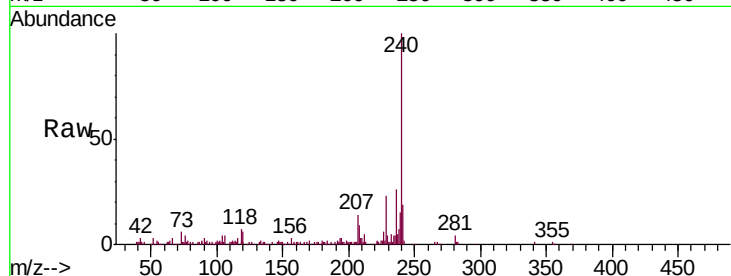




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

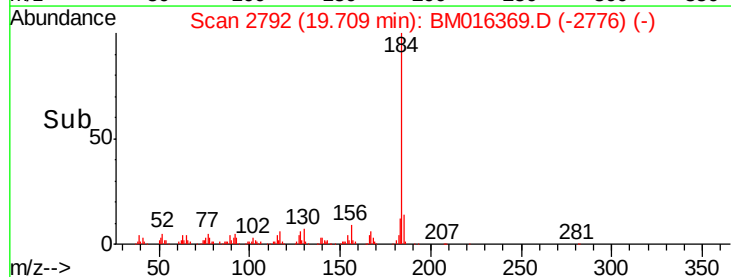
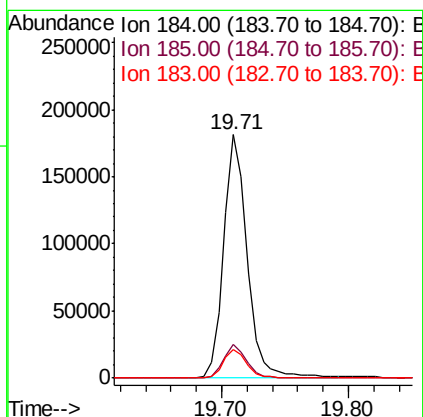
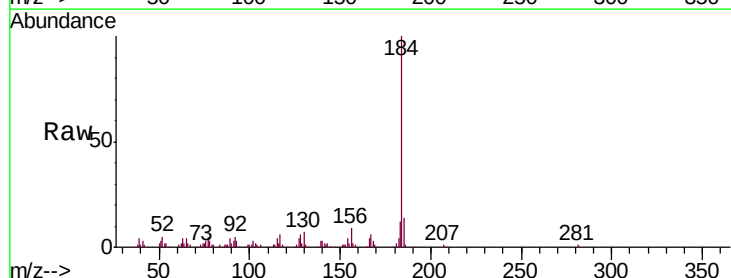
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

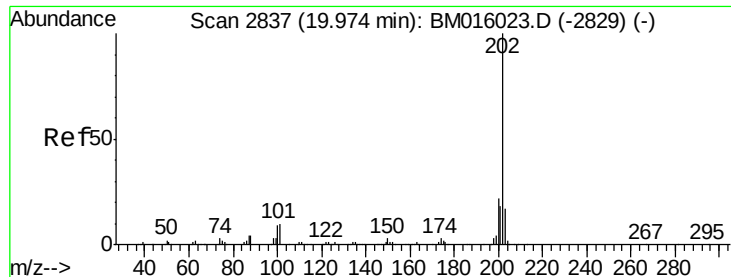
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	8.2	12.2#
236	26.4	20.0	30.0



#76
 Benzidine
 Concen: 60.142 ng
 RT: 19.71 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.6	8.9	13.3





#77

Pyrene

Concen: 47.360 ng

RT: 19.89 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

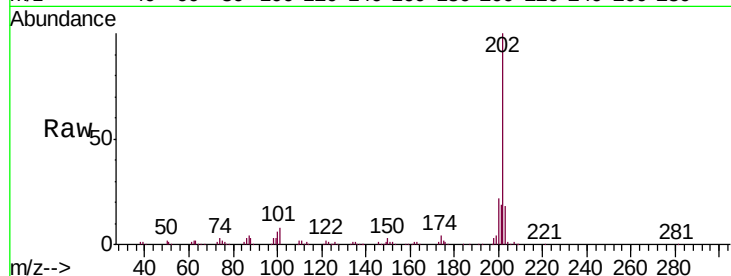
Tgt Ion:202 Resp: 395291

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

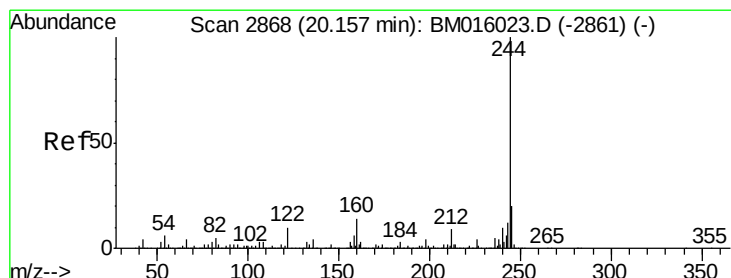
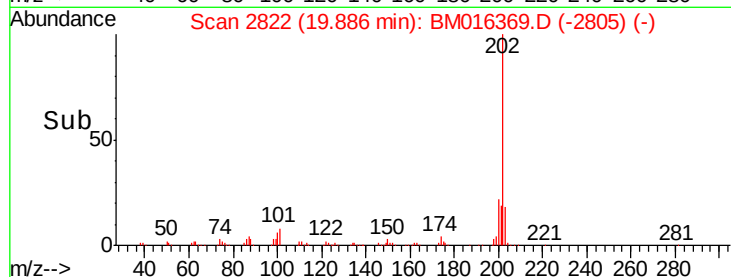
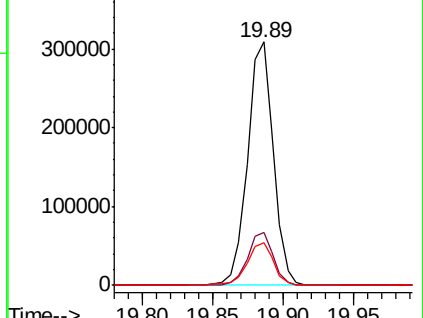
203 17.7 14.1 21.1



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: 47.360 ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

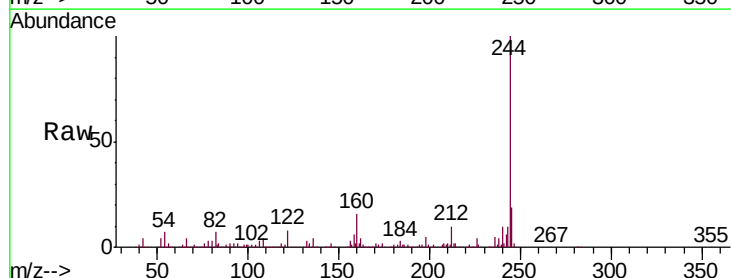
Tgt Ion:244 Resp: 715837

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

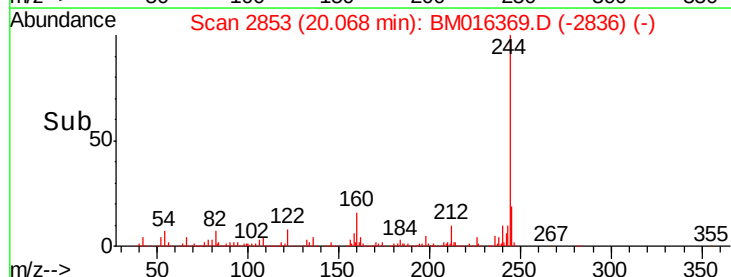
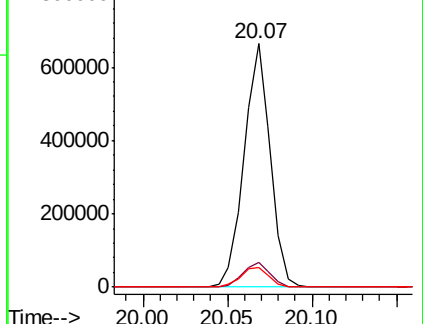
122 8.0 6.2 9.4

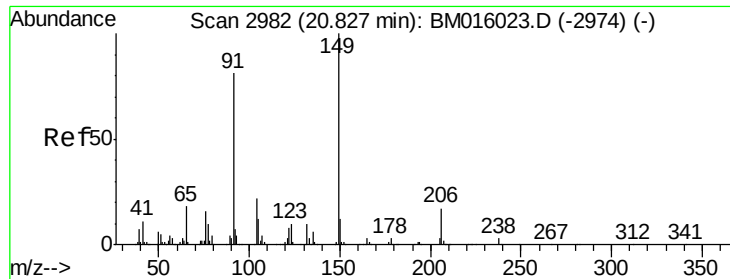


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

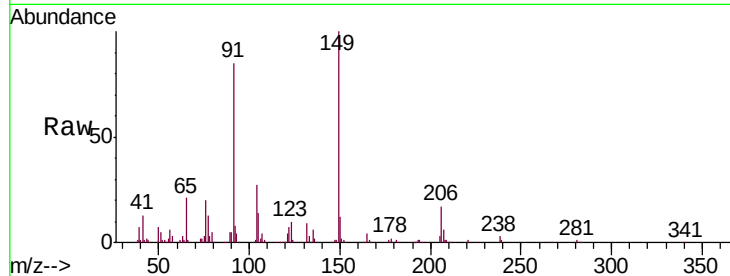




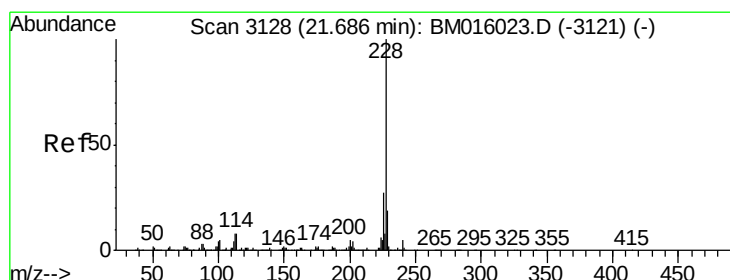
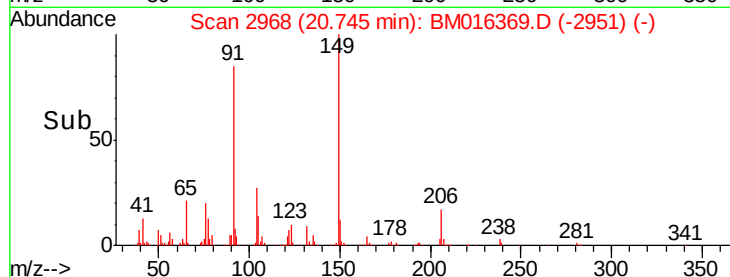
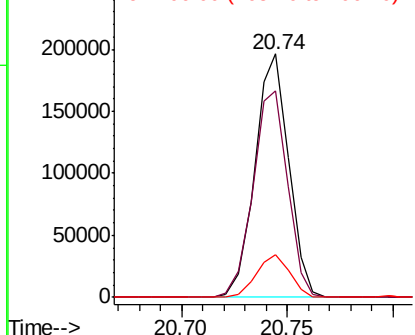
#79
Butylbenzylphthalate
Concen: 51.613 ng
RT: 20.74 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:149 Resp: 218842
Ion Ratio Lower Upper
149 100
91 84.9 50.1 75.1#
206 17.5 16.2 24.2

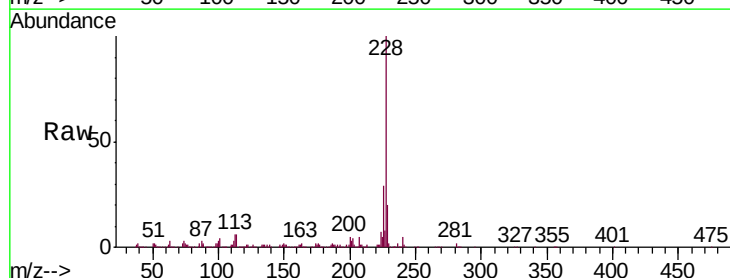


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

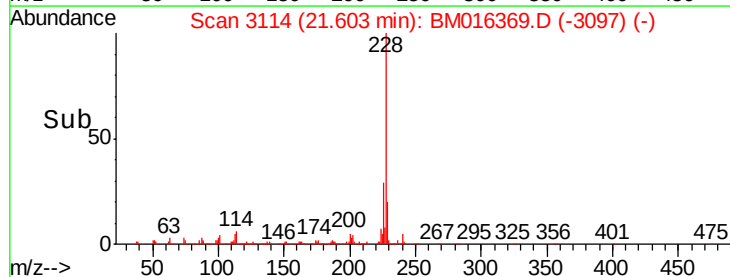
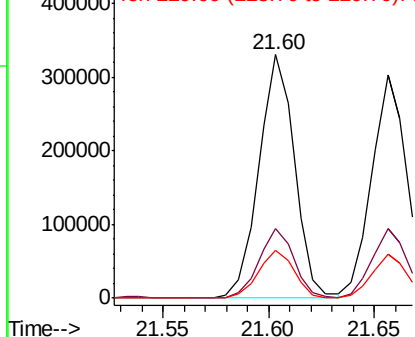


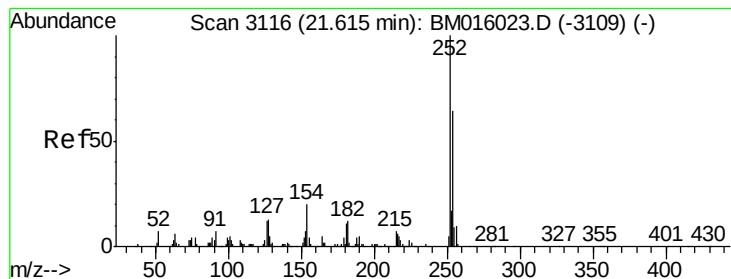
#80
Benzo(a)anthracene
Concen: 45.197 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016369.D
Acq: 15 Aug 2018 01:41

Tgt Ion:228 Resp: 387710
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 19.8 16.0 24.0



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

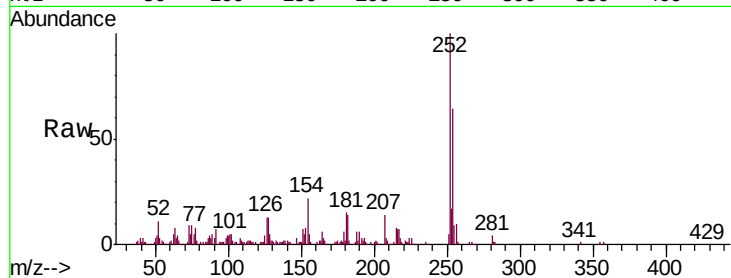




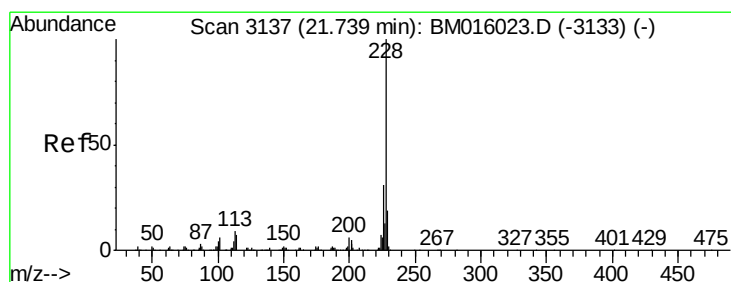
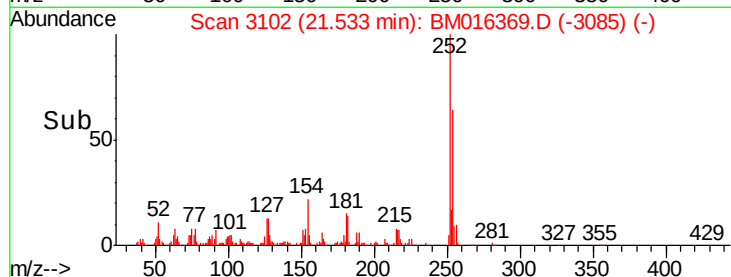
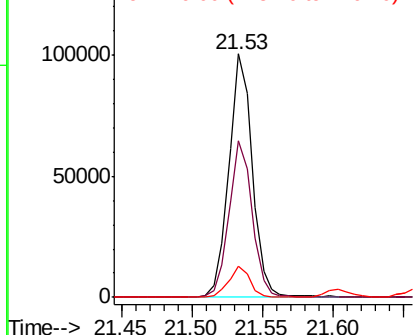
#81
 3,3'-Dichlorobenzidine
 Concen: 33.685 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:252 Resp: 116388
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.9 77.9
 126 12.8 9.8 14.8

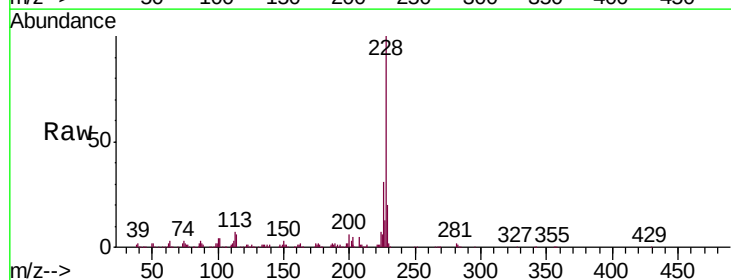


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

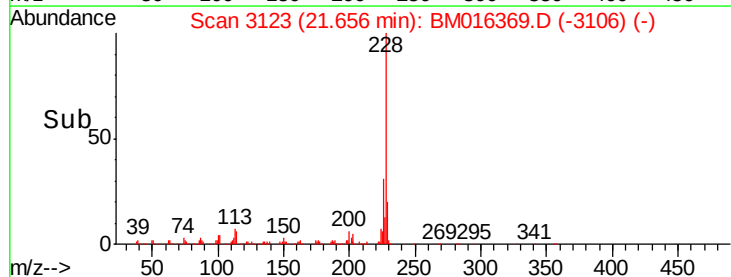
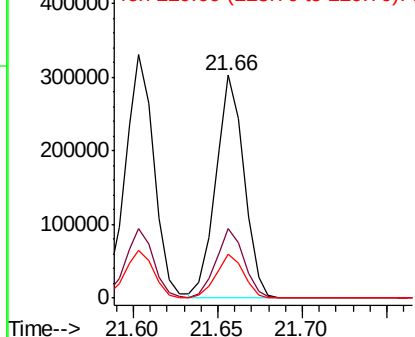


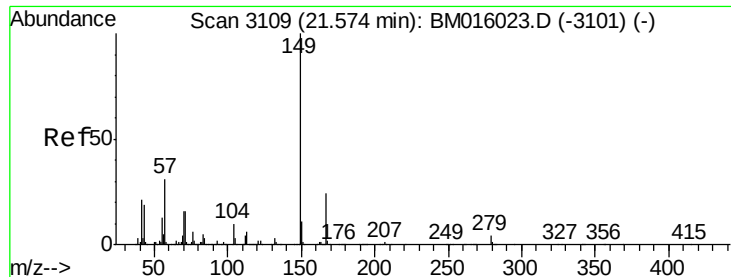
#82
 Chrysene
 Concen: 42.728 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:228 Resp: 351602
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.573 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

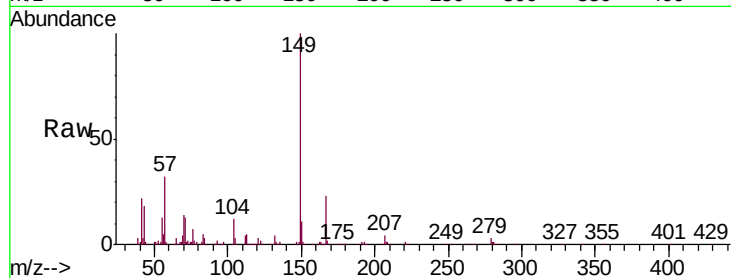
Tgt Ion:149 Resp: 323062

Ion Ratio Lower Upper

149 100

167 23.4 22.4 33.6

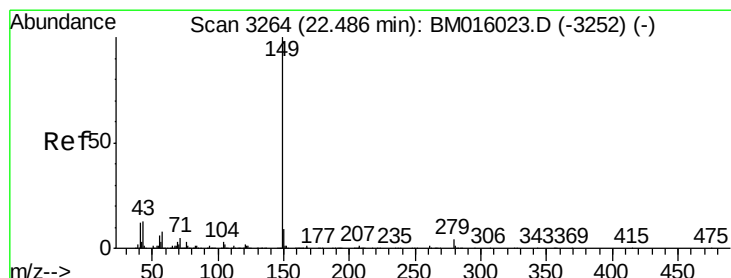
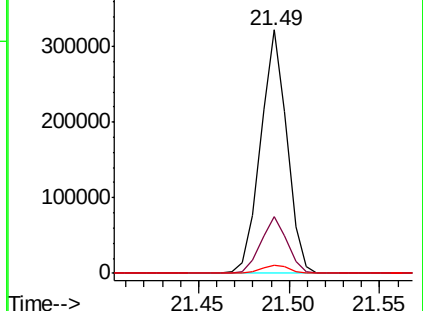
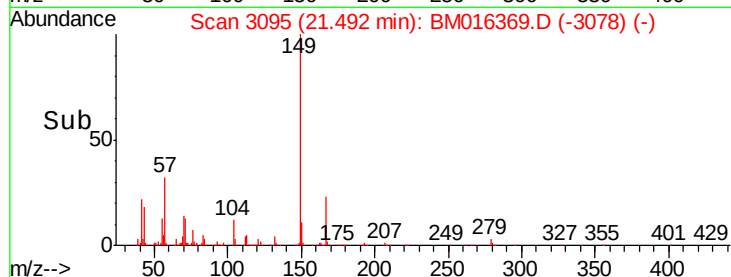
279 3.5 3.4 5.0



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: 49.041 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

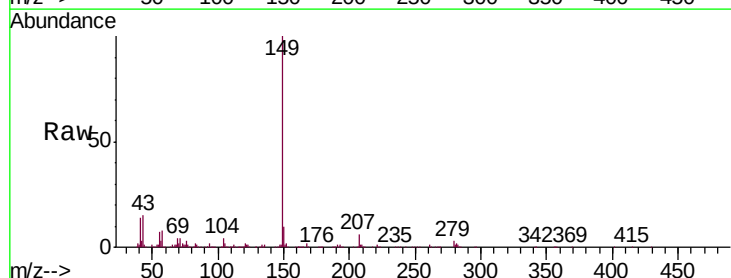
Tgt Ion:149 Resp: 506486

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

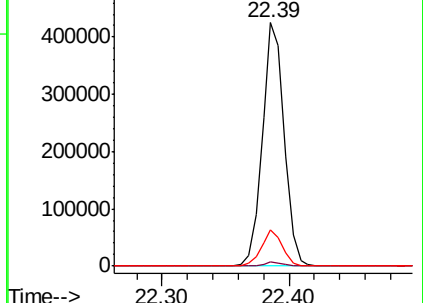
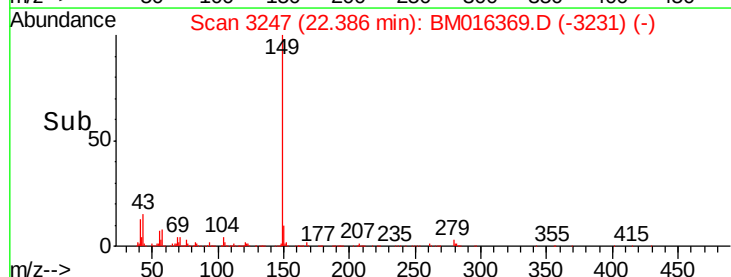
43 14.2 7.3 10.9#

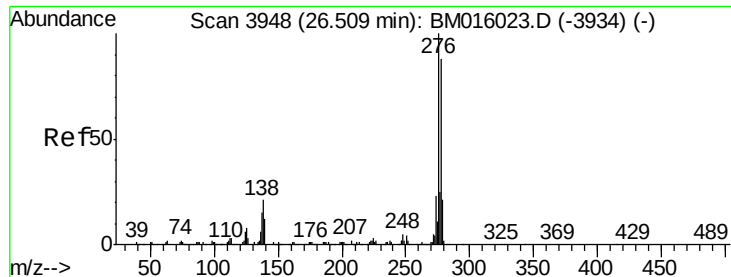


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.867 ng

RT: 26.33 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

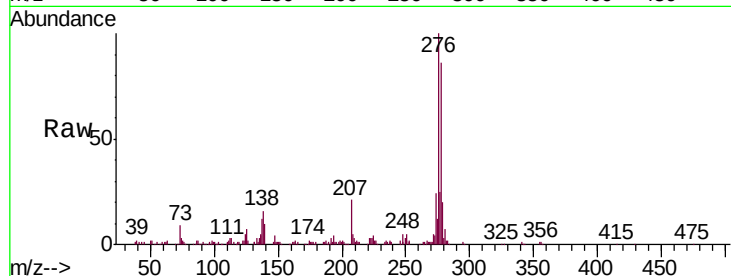
Tgt Ion:276 Resp: 359997

Ion Ratio Lower Upper

276 100

138 17.1 12.0 18.0

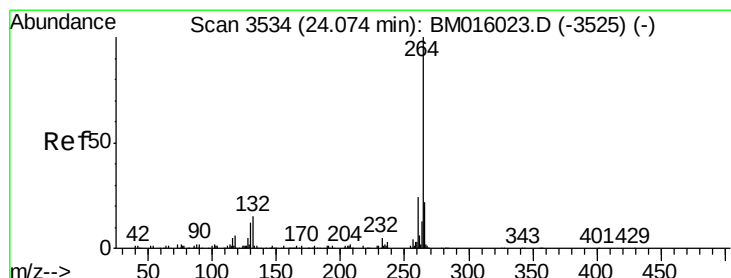
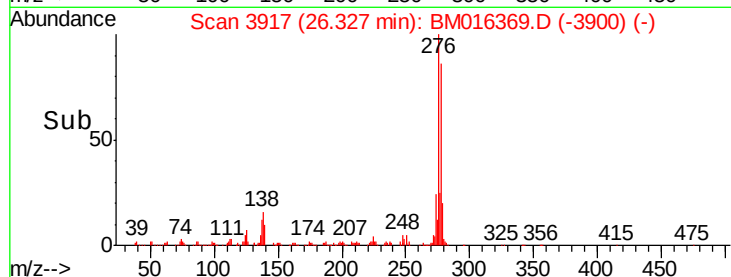
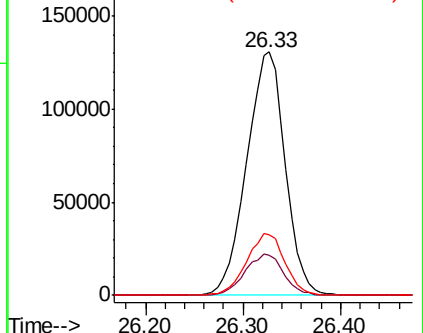
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

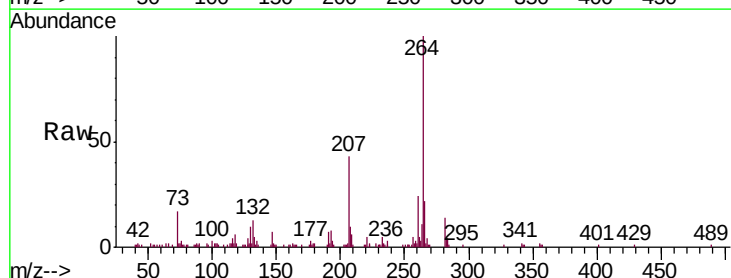
Tgt Ion:264 Resp: 112571

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

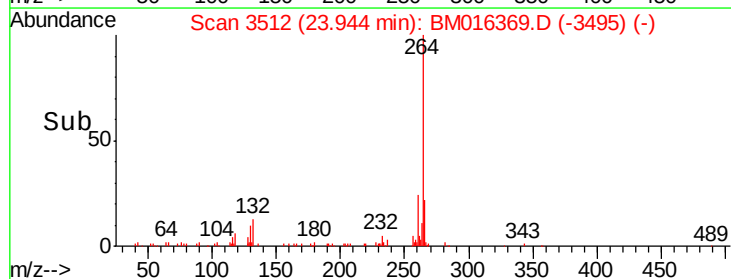
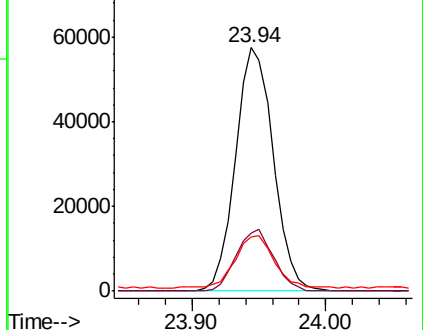
265 22.0 17.3 25.9

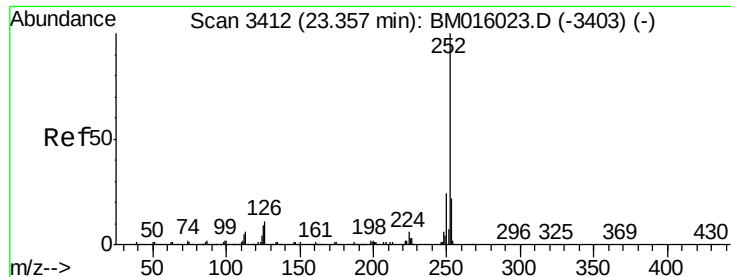


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

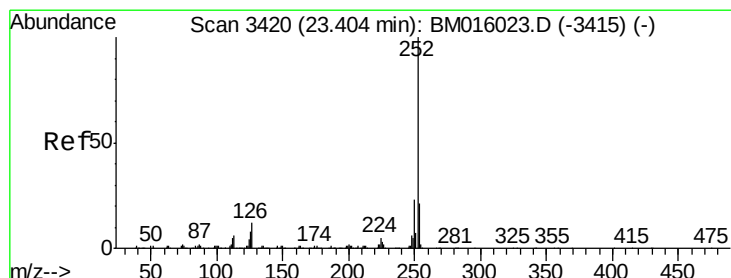
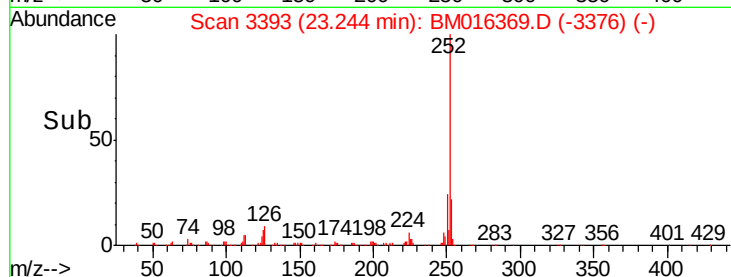
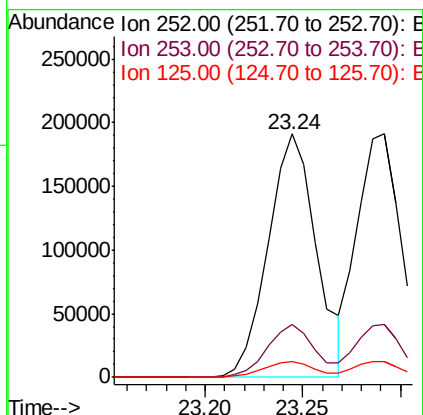
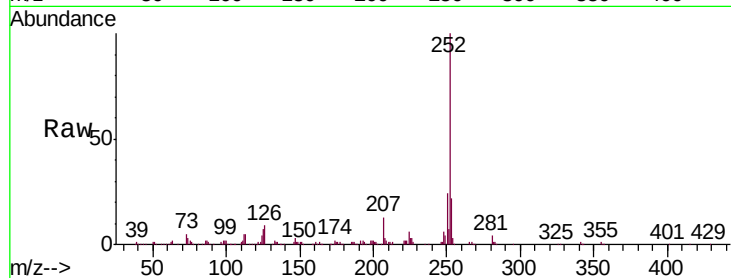




#87
 Benzo(b)fluoranthene
 Concen: 49.347 ng
 RT: 23.24 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

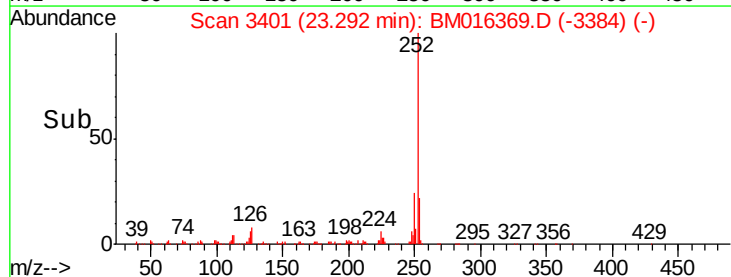
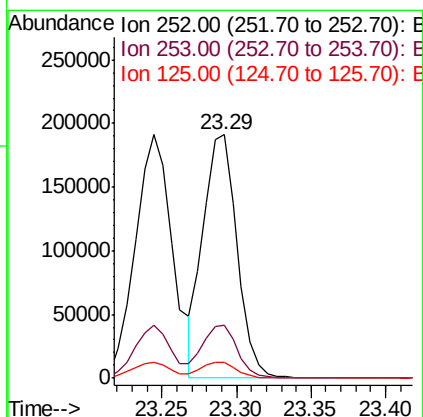
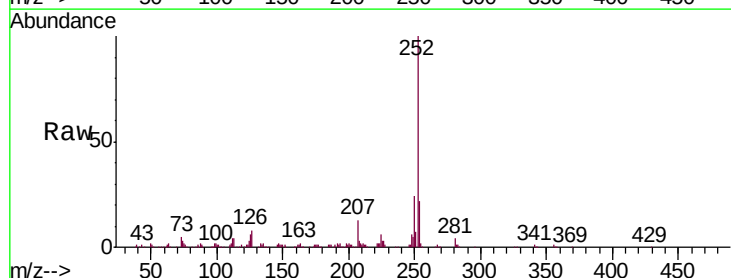
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

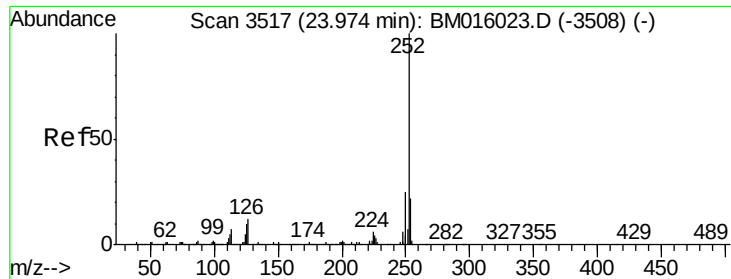
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.5	9.9	14.9#



#88
 Benzo(k)fluoranthene
 Concen: 44.721 ng
 RT: 23.29 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: BM016369.D
 Acq: 15 Aug 2018 01:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	6.3	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 47.015 ng

RT: 23.85 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

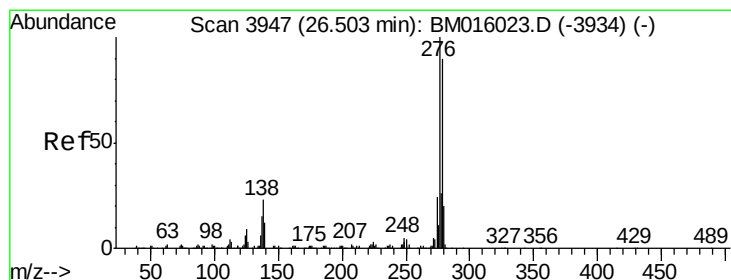
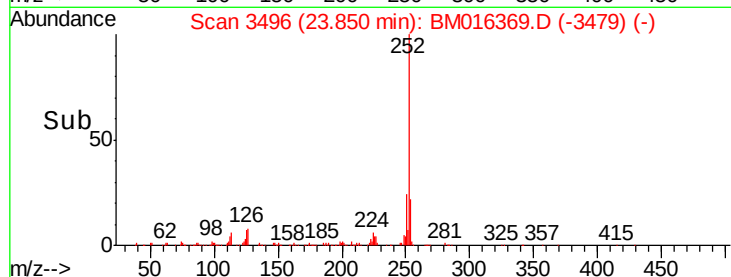
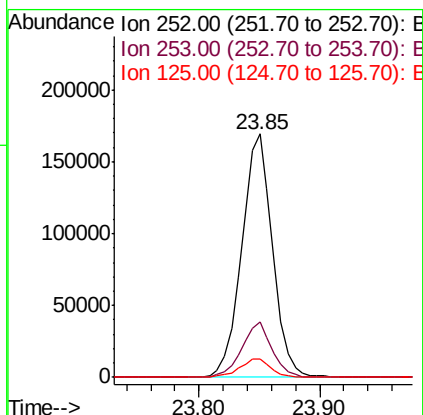
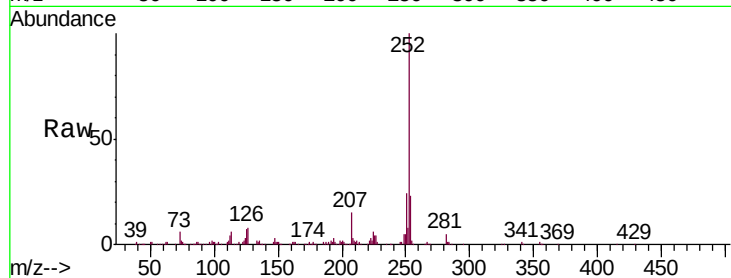
Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion:	252	Resp:	299567
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	7.4	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 45.866 ng

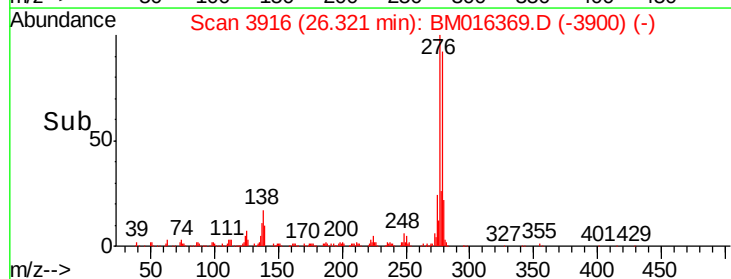
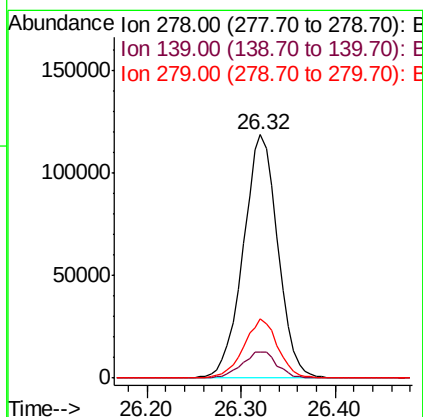
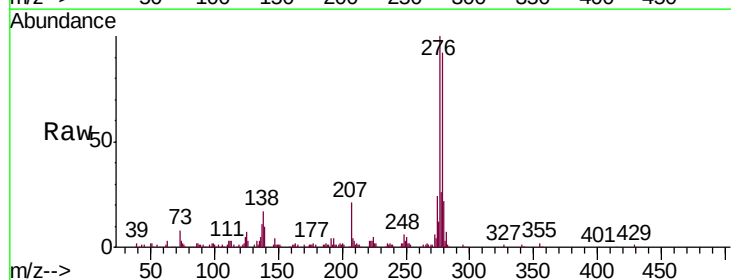
RT: 26.32 min Scan# 3916

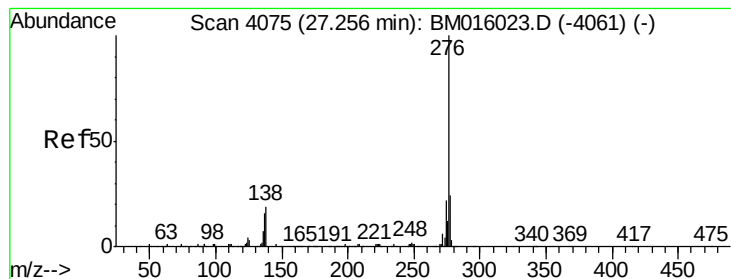
Delta R.T. -0.01 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Tgt Ion:	278	Resp:	302784
Ion Ratio	Lower	Upper	
278	100		
139	10.8	13.4	20.0#
279	24.4	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 45.394 ng

RT: 27.06 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM016369.D

Acq: 15 Aug 2018 01:41

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion: 276 Resp: 283429

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 14.8 19.0 28.6#

