

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016454.D
 Acq On : 18 Aug 2018 01:21
 Operator : SJ/JU
 Sample : J4521-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

Quant Time: Aug 18 03:44:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	12598	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	52211	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	39701	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	108120	20.00	ng	0.00
75) Chrysene-d12	21.58	240	161280	20.00	ng	0.00
86) Perylene-d12	23.89	264	155340	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	116244	155.07	ng	0.00
7) Phenol-d6	7.23	99	146961	145.85	ng	0.00
23) Nitrobenzene-d5	9.25	82	142301	113.51	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	119589	199.44	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	371366	97.27	ng	0.00
78) Terphenyl-d14	20.03	244	1099880	103.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	12484	33.255	ng	# 100
3) Pyridine	3.85	79	21134	27.963	ng	# 59
4) n-Nitrosodimethylamine	3.75	42	38150	43.810	ng	# 23
6) Aniline	7.39	93	43961	42.163	ng	# 87
8) 2-Chlorophenol	7.62	128	45052	48.747	ng	# 95
9) Benzaldehyde	7.21	77	23344	35.236	ng	# 82
10) Phenol	7.26	94	42932	43.987	ng	# 81
11) bis(2-Chloroethyl)ether	7.48	93	32592	43.986	ng	# 89
12) 1,3-Dichlorobenzene	7.94	146	43320	40.898	ng	# 85
13) 1,4-Dichlorobenzene	8.09	146	43817	40.921	ng	# 91
14) 1,2-Dichlorobenzene	8.40	146	44965	42.746	ng	# 95
15) Benzyl Alcohol	8.32	79	45170	49.390	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.57	45	39968	42.851	ng	# 84
17) 2-Methylphenol	8.52	107	36127	51.224	ng	# 72
18) Hexachloroethane	9.12	117	22363	40.556	ng	# 97
19) n-Nitroso-di-n-propylamine	8.87	70	36681	47.950	ng	# 66
20) 3+4-Methylphenols	8.85	107	49858	51.442	ng	# 81
22) Acetophenone	8.90	105	73254	52.314	ng	# 74
24) Nitrobenzene	9.29	77	62194	51.464	ng	# 93
25) Isophorone	9.80	82	104430	62.454	ng	# 91
26) 2-Nitrophenol	9.99	139	25138	49.448	ng	# 22
27) 2,4-Dimethylphenol	10.05	122	44708	65.785	ng	# 72
28) bis(2-Chloroethoxy)methane	10.28	93	52539	54.318	ng	# 99
29) 2,4-Dichlorophenol	10.53	162	52197	56.813	ng	# 95
30) 1,2,4-Trichlorobenzene	10.73	180	49136	45.226	ng	# 95
31) Naphthalene	10.92	128	136544	51.565	ng	# 97
32) Benzoic acid	10.25	122	25489	46.176	ng	# 85
33) 4-Chloroaniline	11.05	127	31350	27.624	ng	# 79
34) Hexachlorobutadiene	11.17	225	38149	40.736	ng	# 98
35) Caprolactam	11.87	113	10809	45.891	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	59853	57.130	ng	# 82
37) 2-Methylnaphthalene	12.52	142	114061	58.063	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	70842	43.588	ng	# 100
40) Hexachlorocyclopentadiene	12.84	237	56412	79.216	ng	# 97

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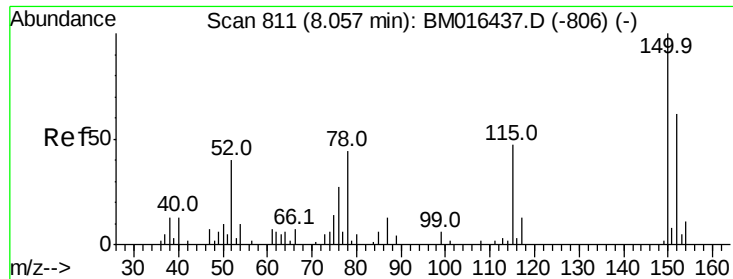
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.14	196	47415	46.677	nq	96
43) 2,4,5-Trichlorophenol	13.22	196	50155	50.609	nq #	81
45) 1,1'-Biphenyl	13.53	154	163685	44.545	nq	98
46) 2-Chloronaphthalene	13.58	162	125990	43.949	nq #	86
47) 2-Nitroaniline	13.80	65	51609	51.914	nq #	69
48) Acenaphthylene	14.42	152	224061	51.979	nq	98
49) Dimethylphthalate	14.16	163	207287	53.242	nq	99
50) 2,6-Dinitrotoluene	14.30	165	38381	51.939	nq #	25
51) Acenaphthene	14.76	154	126758	48.728	nq	96
52) 3-Nitroaniline	14.64	138	27076	37.189	nq #	66
53) 2,4-Dinitrophenol	14.86	184	34477	88.011	nq #	52
54) Dibenzofuran	15.10	168	237947	51.912	nq #	76
55) 4-Nitrophenol	14.96	139	52003	109.351	nq #	77
56) 2,4-Dinitrotoluene	15.10	165	68860	55.747	nq #	64
57) Fluorene	15.74	166	197080	56.278	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53906	58.055	nq #	100
59) Diethylphthalate	15.51	149	239386	54.186	nq	94
60) 4-Chlorophenyl-phenylether	15.73	204	108788	49.104	nq #	85
61) 4-Nitroaniline	15.80	138	37810	53.712	nq #	1
62) Azobenzene	16.03	77	276732	54.317	nq #	69
64) 4,6-Dinitro-2-methylphenol	15.86	198	30675	40.685	nq #	83
65) n-Nitrosodiphenylamine	15.96	169	169524	46.335	nq	96
66) 4-Bromophenyl-phenylether	16.62	248	64719	44.505	nq #	73
67) Hexachlorobenzene	16.74	284	63828	44.727	nq #	58
68) Atrazine	16.90	200	78276	58.362	nq	96
69) Pentachlorophenol	17.09	266	73093	89.453	nq	96
70) Phenanthrene	17.48	178	332710	54.313	nq	99
71) Anthracene	17.57	178	344244	56.609	nq	97
72) Carbazole	17.85	167	300114	50.989	nq #	96
73) Di-n-butylphthalate	18.37	149	443927	52.555	nq #	95
74) Fluoranthene	19.48	202	445482	60.200	nq	97
76) Benzidine	19.67	184	733423	206.619	nq	98
77) Pyrene	19.84	202	452806	42.545	nq	99
79) Butylbenzylphthalate	20.71	149	242213	48.558	nq #	77
80) Benzo(a)anthracene	21.57	228	559455	53.615	nq	99
81) 3,3'-Dichlorobenzidine	21.50	252	112062	30.166	nq	97
82) Chrysene	21.62	228	515736	52.592	nq	100
83) Bis(2-ethylhexyl)phthalate	21.46	149	371263	52.176	nq #	90
84) Di-n-octyl phthalate	22.35	149	663230	62.142	nq #	87
85) Indeno(1,2,3-cd)pyrene	26.25	276	660188	82.305	nq	98
87) Benzo(b)fluoranthene	23.20	252	542340	52.707	nq #	92
88) Benzo(k)fluoranthene	23.24	252	549019	53.390	nq #	95
89) Benzo(a)pyrene	23.79	252	528806	56.775	nq #	98
90) Dibenzo(a,h)anthracene	26.24	278	564010	67.527	nq #	92
91) Benzo(g,h,i)perylene	26.97	276	480000	63.941	nq #	85

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

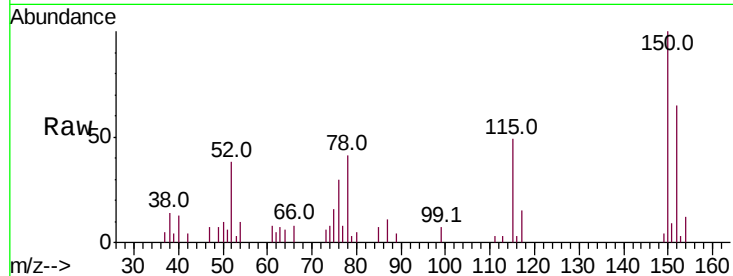


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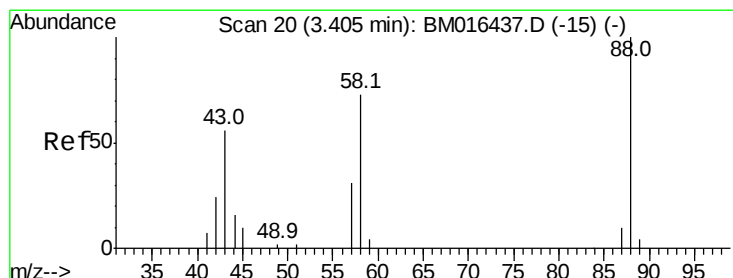
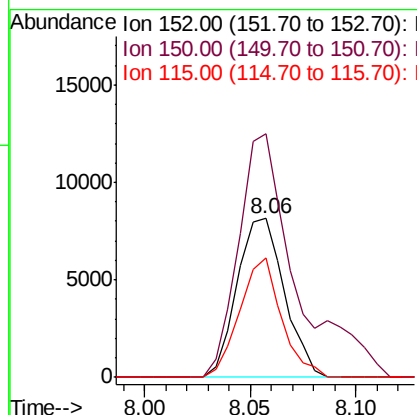
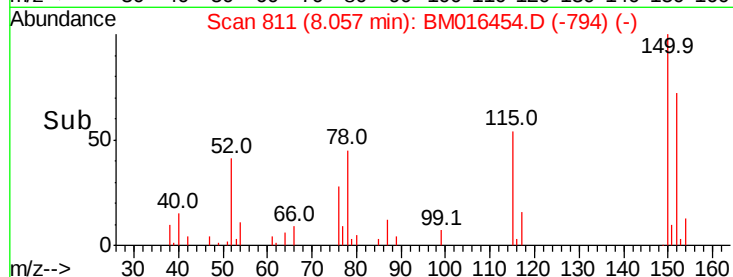
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Instrument :
BNA_M
ClientSampleId :
RT2286MSD

Tot Ion:152 Resp: 12598
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 75.1 43.0 64.4#



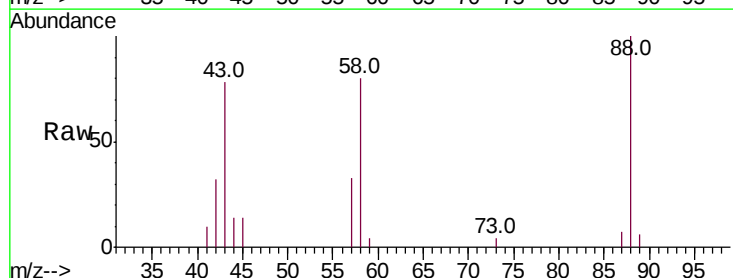
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



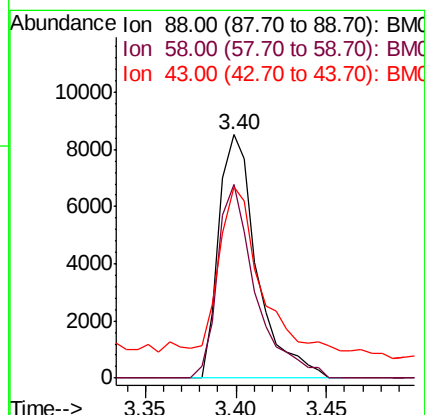
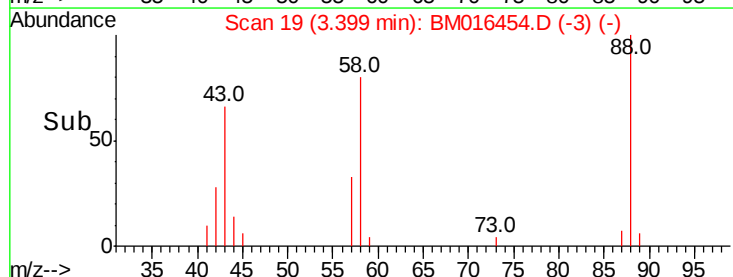
#2

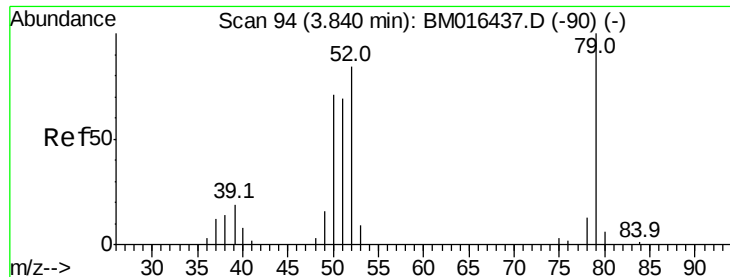
1,4-Dioxane
Concen: 33.255 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion: 88 Resp: 12484
Ion Ratio Lower Upper
88 100
58 79.7 0.0 0.0#
43 74.3 0.0 0.0#



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





#3

Pvridine

Concen: 27.963 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

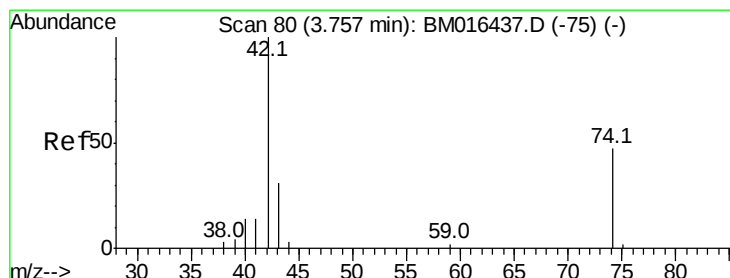
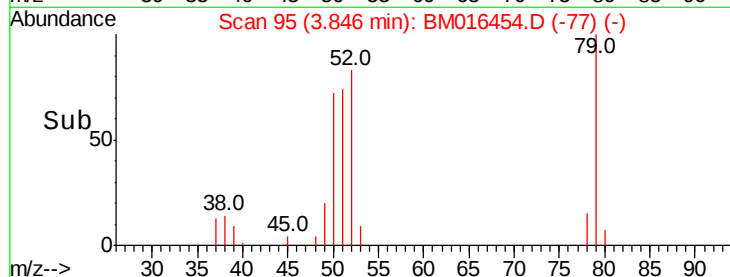
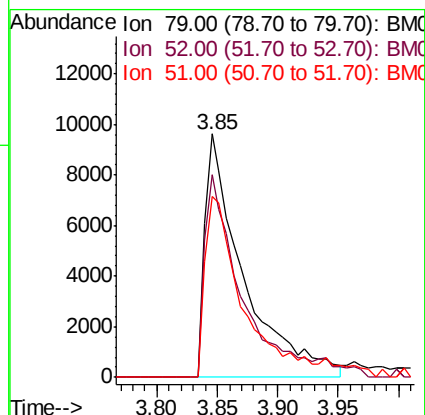
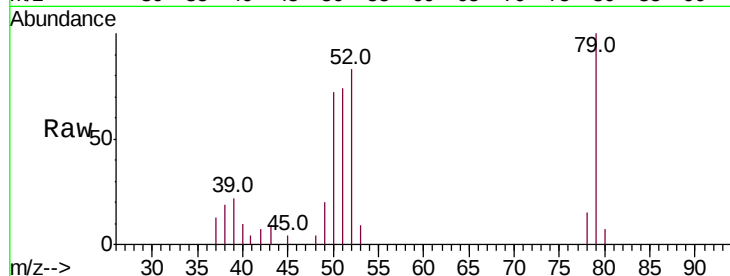
Tot Ion: 79 Resp: 21134

Ion Ratio Lower Upper

79 100

52 83.1 51.1 76.7#

51 74.3 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 43.810 ng

RT: 3.75 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

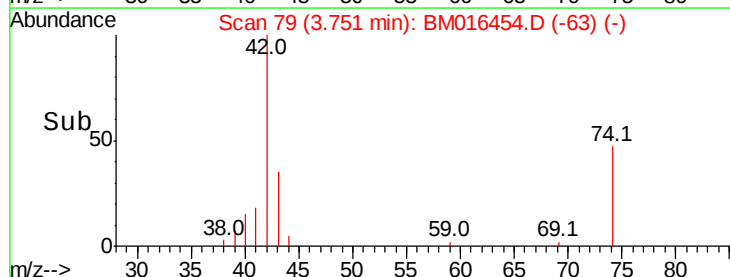
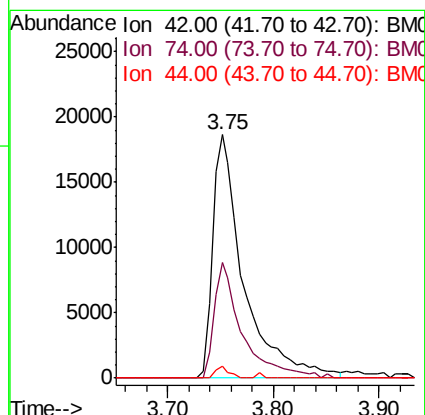
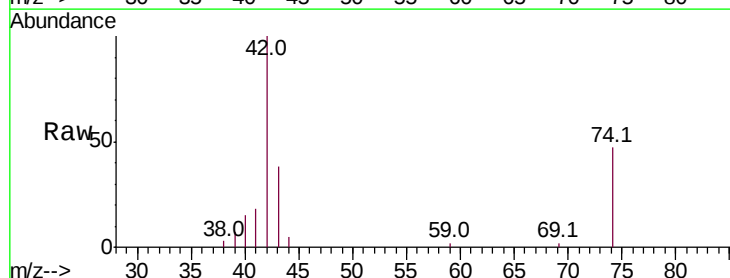
Tgt Ion: 42 Resp: 38150

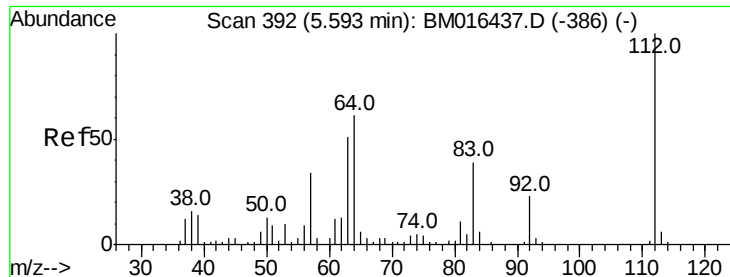
Ion Ratio Lower Upper

42 100

74 47.5 119.3 178.9#

44 5.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 43.810 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleID :

RT2286MSD

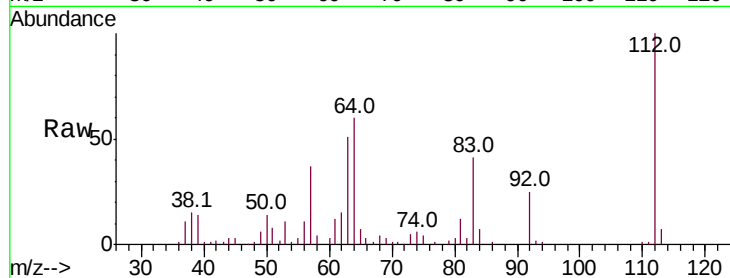
Tot Ion:112 Resp: 116244

Ion Ratio Lower Upper

112 100

64 59.8 38.6 57.8#

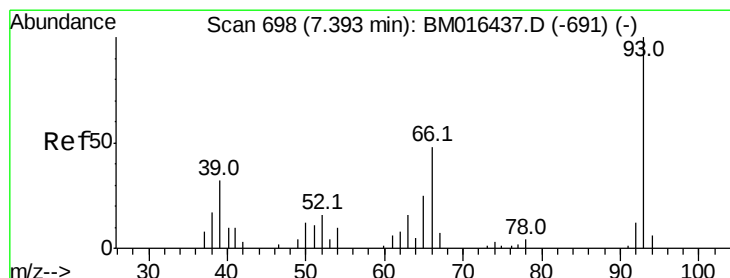
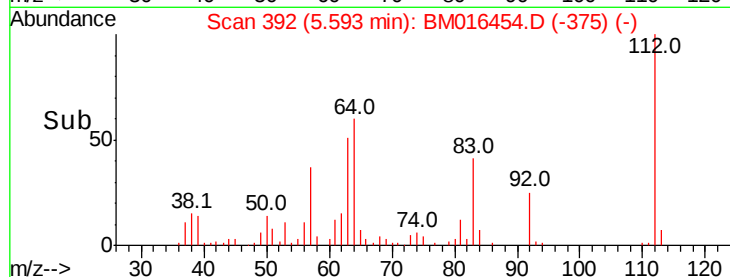
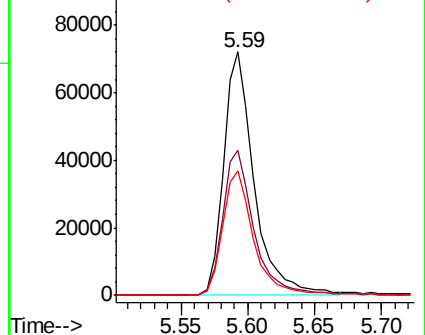
63 51.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.163 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

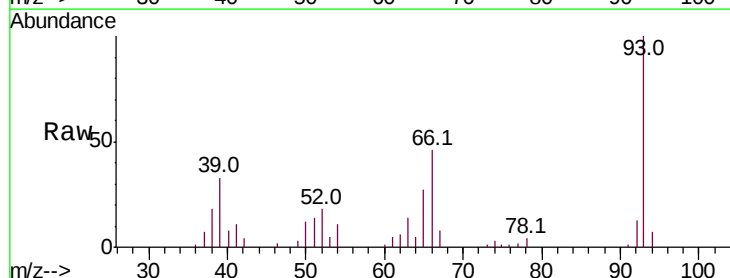
Tgt Ion: 93 Resp: 43961

Ion Ratio Lower Upper

93 100

66 46.1 30.8 46.2

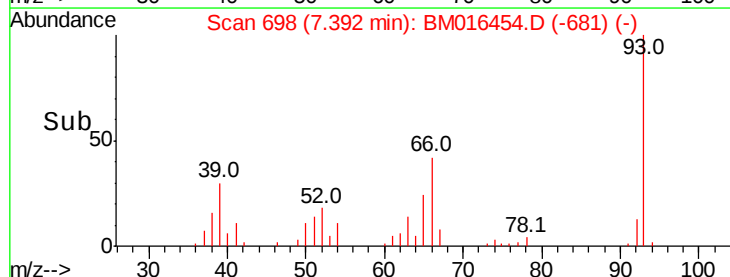
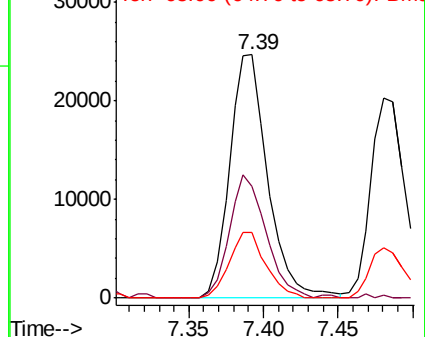
65 27.1 16.0 24.0#

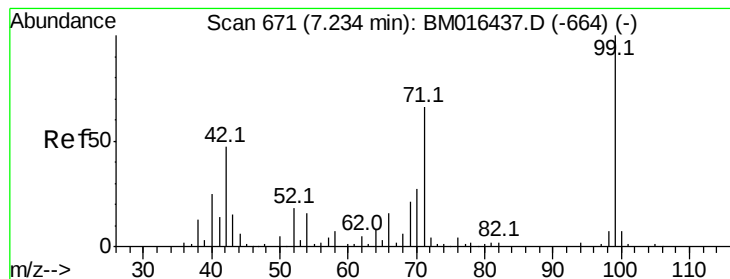


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 42.163 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

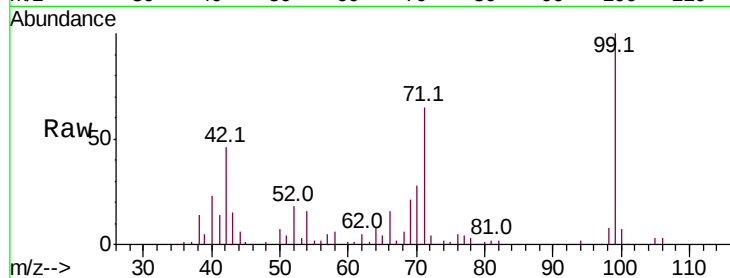
Tot Ion: 99 Resp: 146961

Ion Ratio Lower Upper

99 100

42 45.7 11.0 16.4#

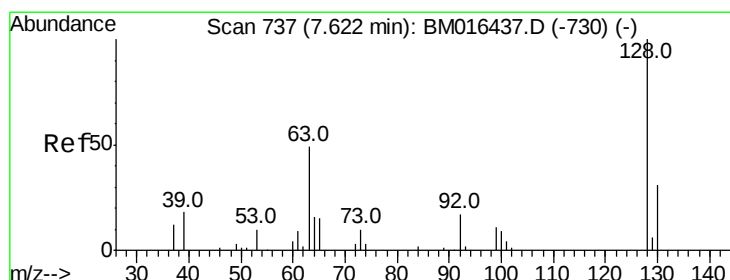
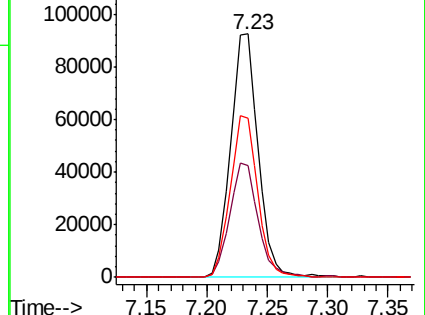
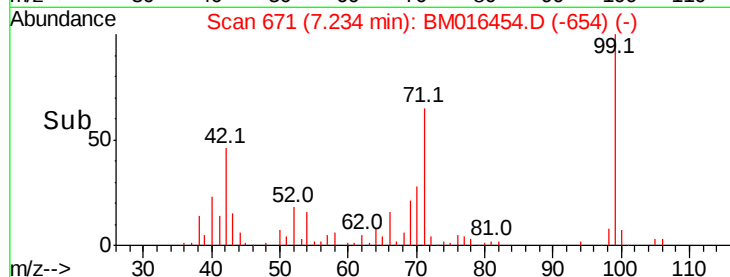
71 65.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#8

2-Chlorophenol

Concen: 48.747 ng

RT: 7.62 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

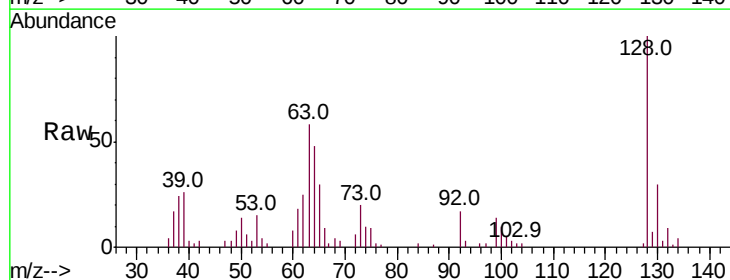
Tgt Ion: 128 Resp: 45052

Ion Ratio Lower Upper

128 100

130 30.2 12.0 52.0

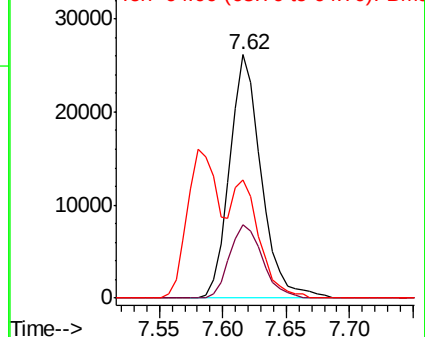
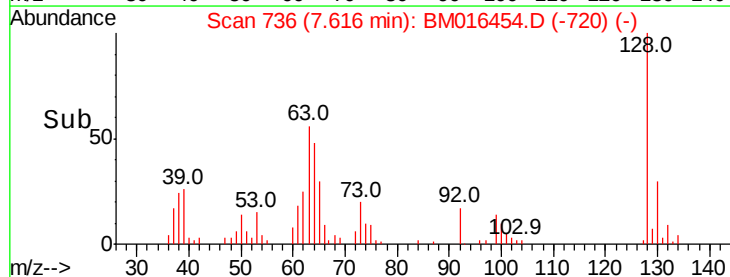
64 48.5 24.9 64.9

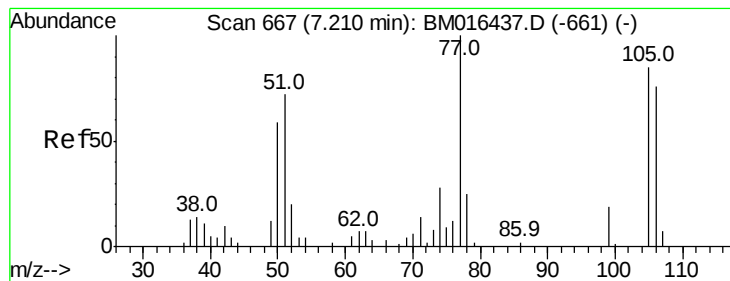


Abundance Ion 128.00 (127.70 to 128.70): BM016437.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016437.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016437.D (-730) (-)





#9

Benzaldehyde

Concen: 35.236 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

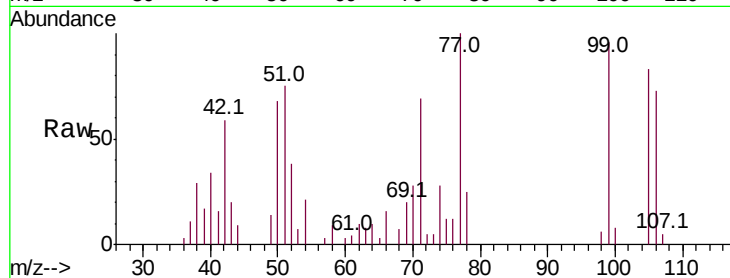
Tot Ion: 77 Resp: 23344

Ion Ratio Lower Upper

77 100

105 83.3 78.8 118.8

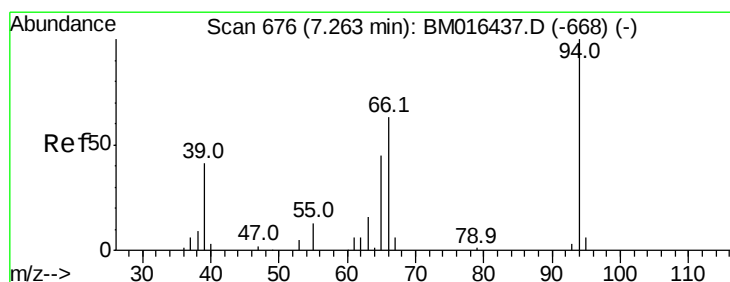
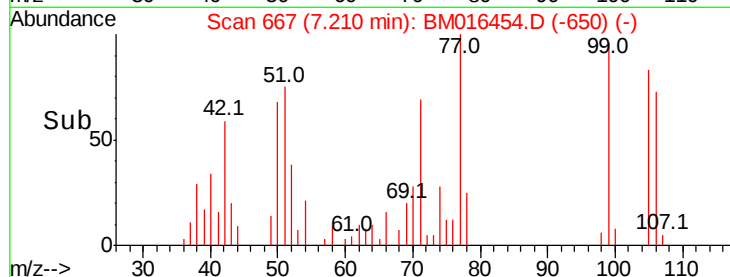
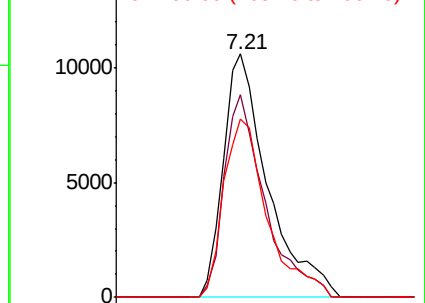
106 73.4 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016437.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM016437.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM016437.D (-661) (-)



#10

Phenol

Concen: 43.987 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

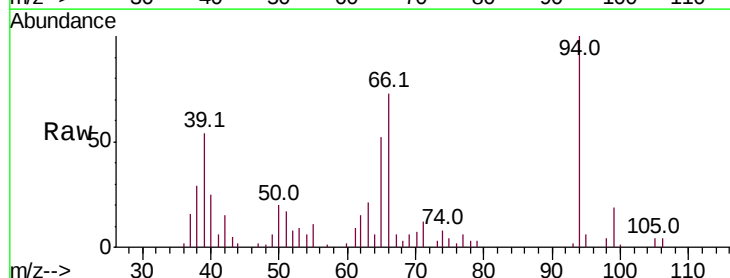
Tgt Ion: 94 Resp: 42932

Ion Ratio Lower Upper

94 100

65 51.5 18.8 58.8

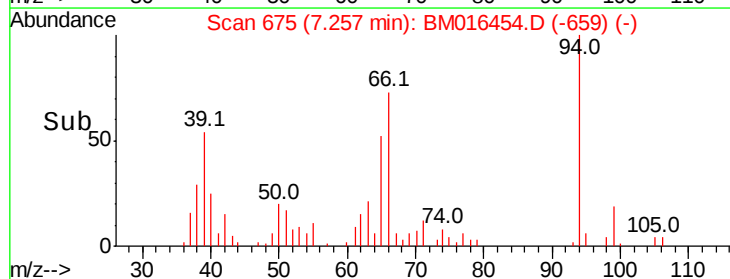
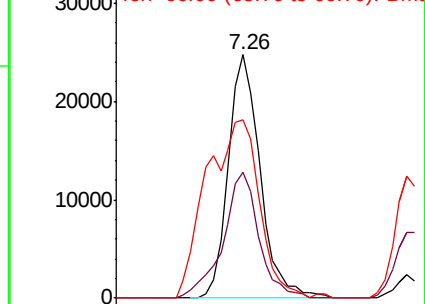
66 73.3 39.9 79.9

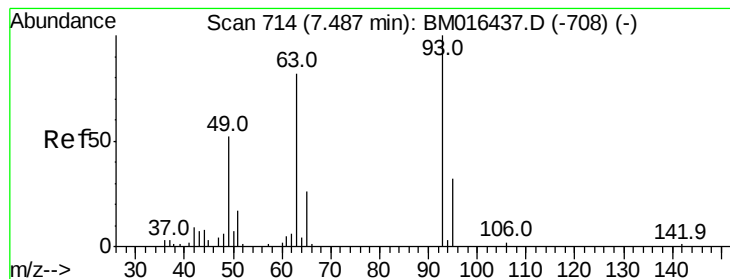


Abundance Ion 94.00 (93.70 to 94.70): BM016437.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016437.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016437.D (-668) (-)

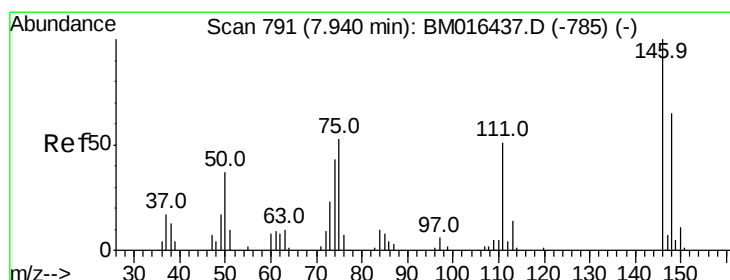
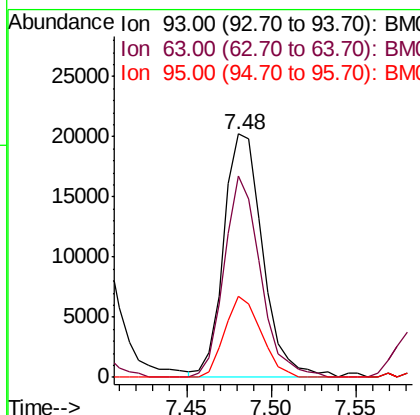
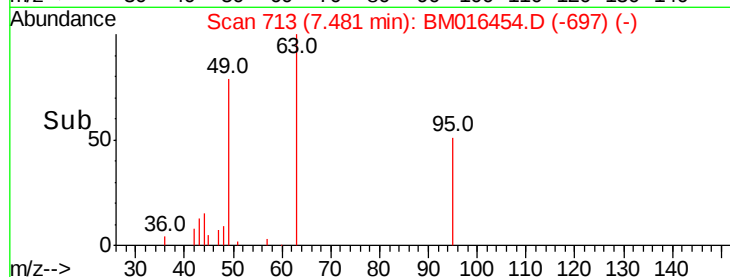
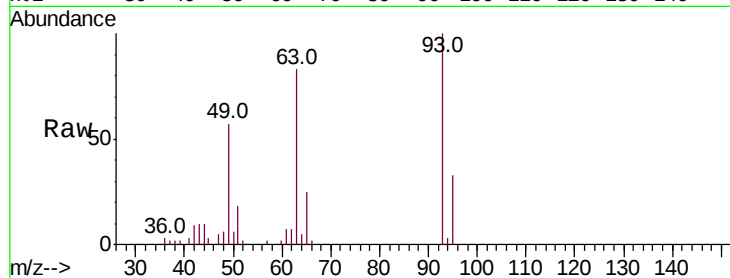




#11
 bis(2-Chloroethyl)ether
 Concen: 43.986 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

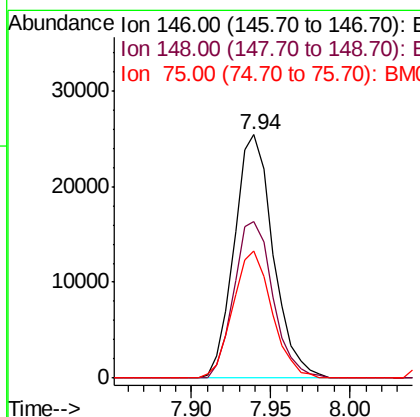
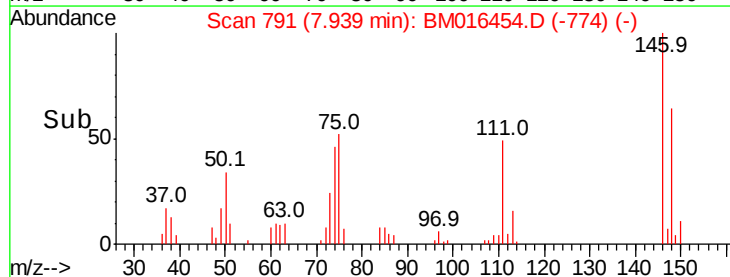
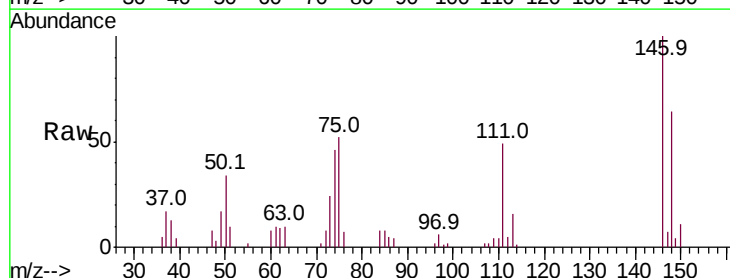
Instrument :
 BNA_M
 ClientSampleID :
 RT2286MSD

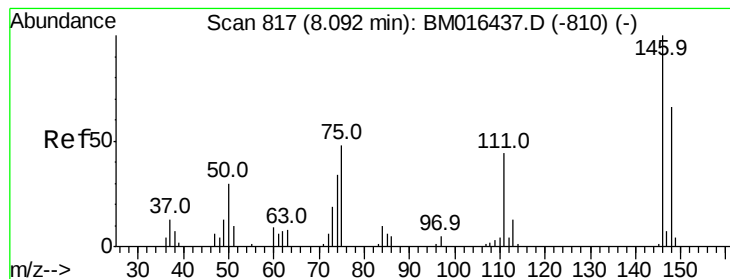
Tot Ion: 93 Resp: 32592
 Ion Ratio Lower Upper
 93 100
 63 82.7 49.5 89.5
 95 33.3 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 40.898 ng
 RT: 7.94 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion: 146 Resp: 43320
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.9 76.3
 75 52.2 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 40.921 ng

RT: 8.09 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

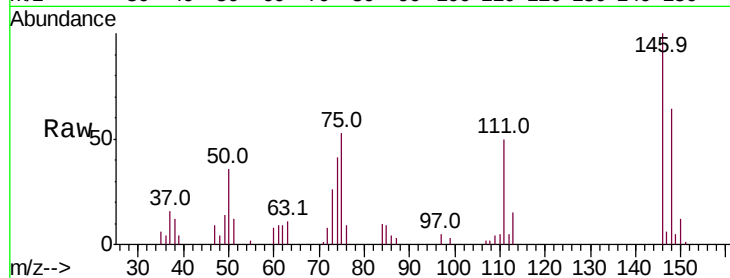
Tot Ion:146 Resp: 43817

Ion Ratio Lower Upper

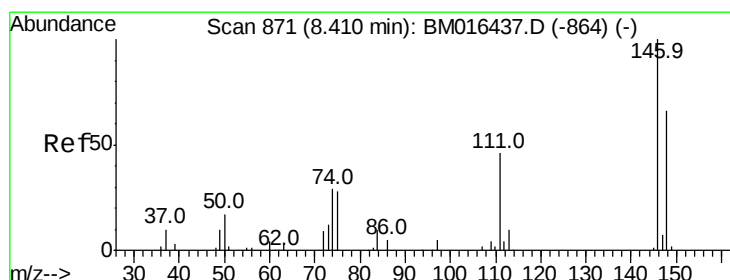
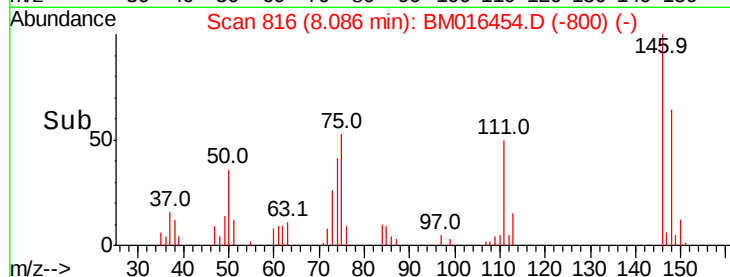
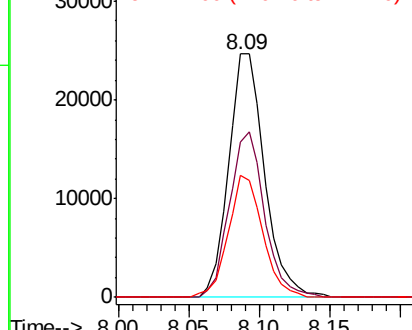
146 100

148 63.5 51.9 77.9

111 50.2 29.2 43.8#



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



#14

1,2-Dichlorobenzene

Concen: 42.746 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

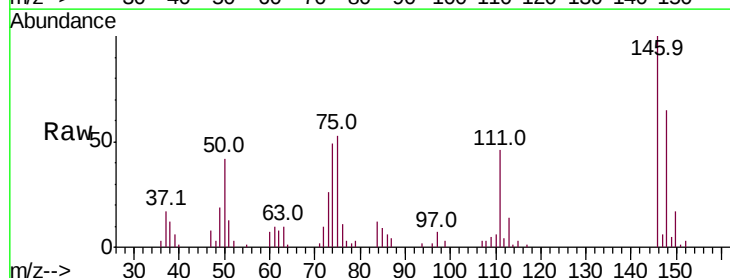
Tgt Ion:146 Resp: 44965

Ion Ratio Lower Upper

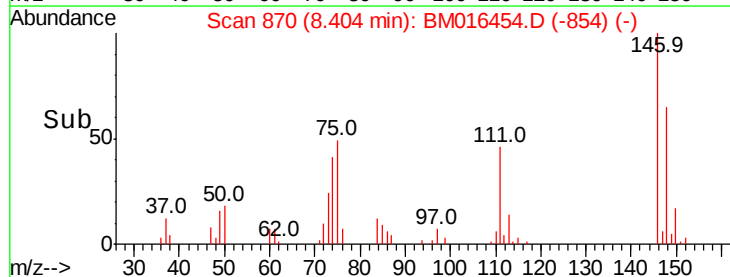
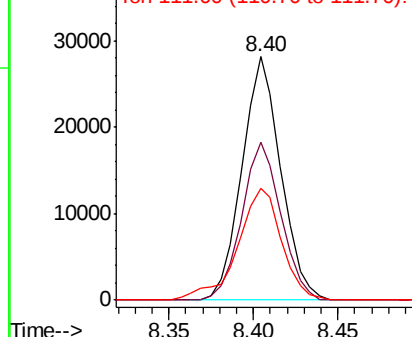
146 100

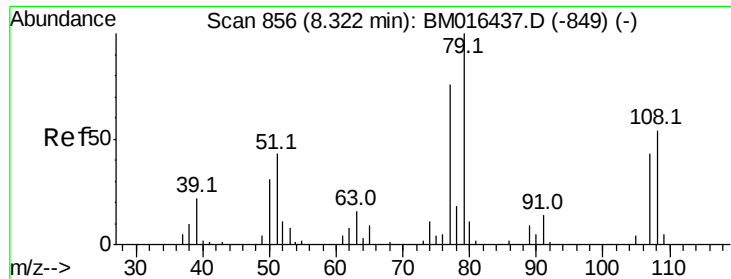
148 65.1 52.3 78.5

111 45.9 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: 49.390 ng

RT: 8.32 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleID :

RT2286MSD

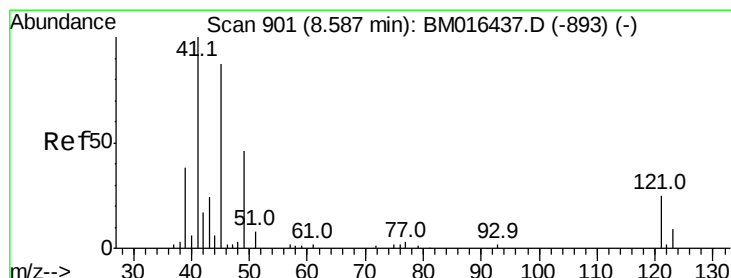
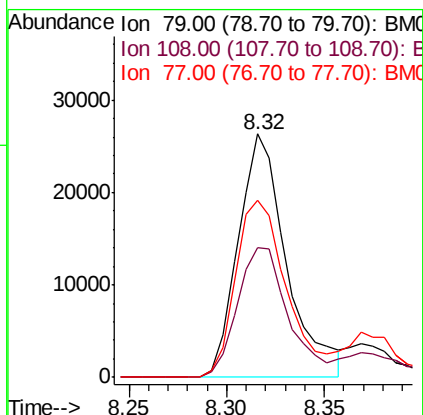
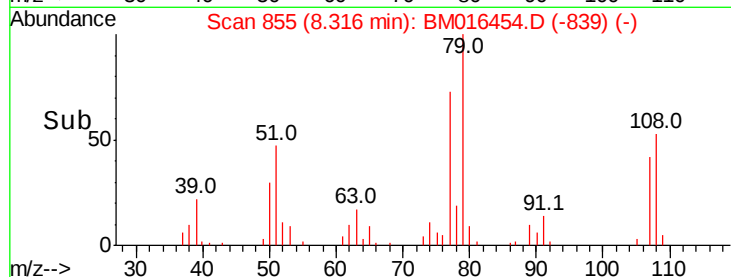
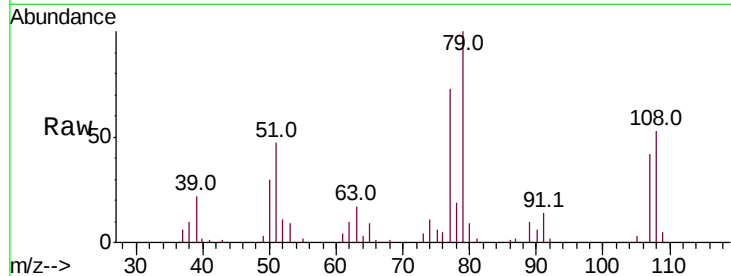
Tot Ion: 79 Resp: 45170

Ion Ratio Lower Upper

79 100

108 53.4 65.0 97.4#

77 72.5 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.851 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

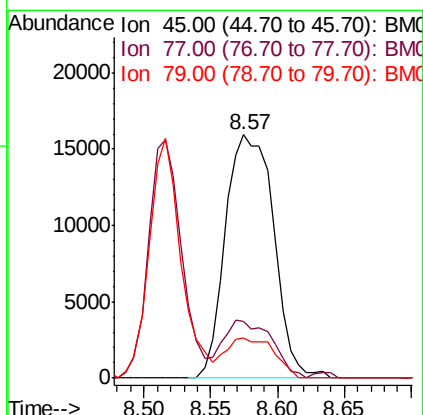
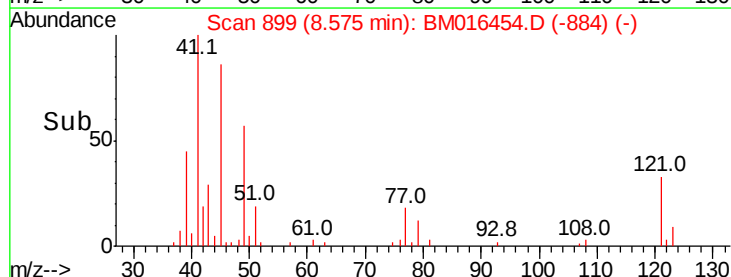
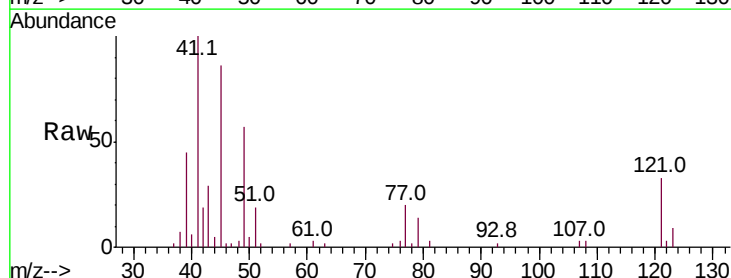
Tgt Ion: 45 Resp: 39968

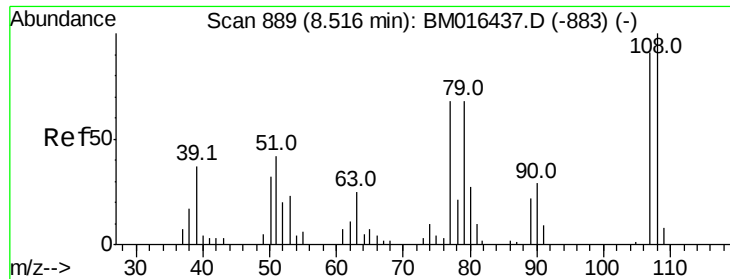
Ion Ratio Lower Upper

45 100

77 23.3 0.0 35.2

79 16.2 0.0 32.0

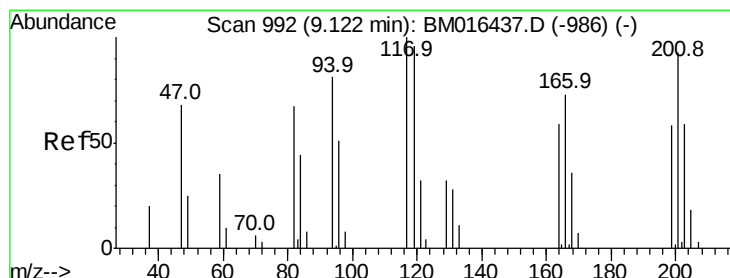
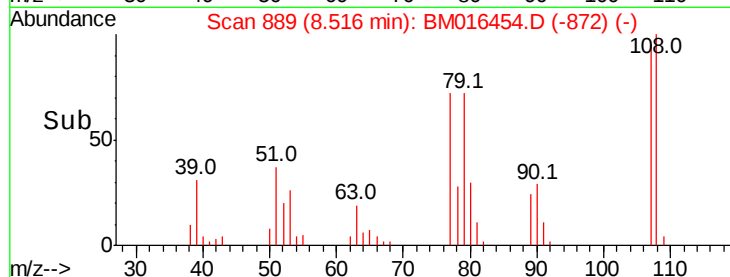
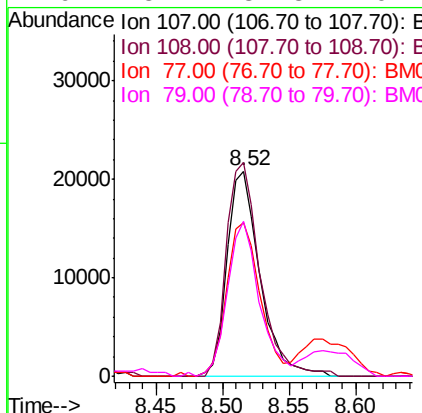
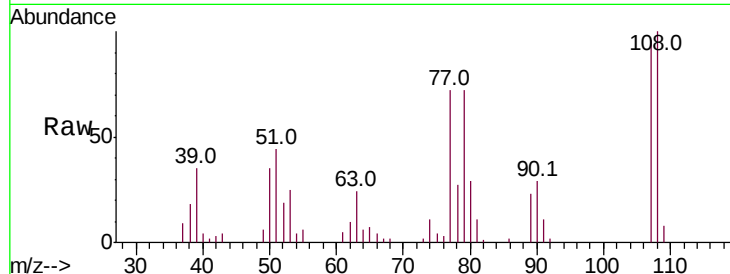




#17
2-Methylphenol
Concen: 51.224 ng
RT: 8.52 min Scan# 889
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

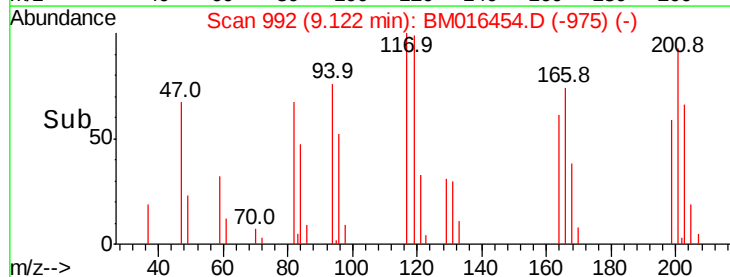
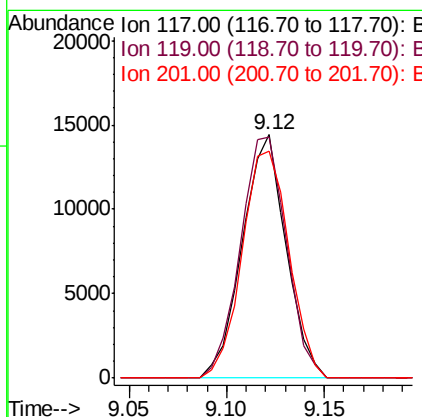
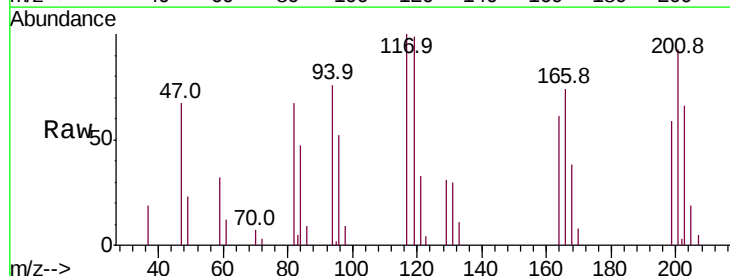
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

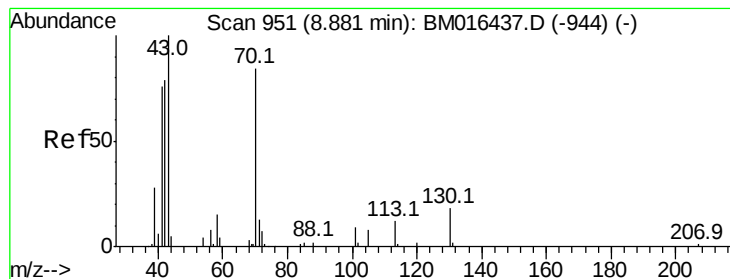
Tot Ion	Ratio	Lower	Upper
107	100		
108	103.9	89.8	134.8
77	75.0	32.6	48.8#
79	75.1	32.8	49.2#



#18
Hexachloroethane
Concen: 40.556 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.2	118.8
201	93.2	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 47.950 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

Tot Ion: 70 Resp: 36681

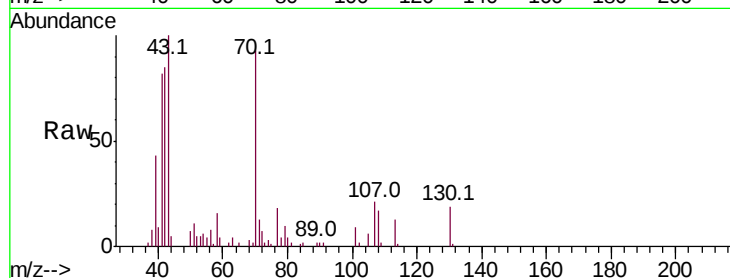
Ion Ratio Lower Upper

70 100

42 91.5 44.5 66.7#

101 9.3 7.4 11.2

130 20.9 15.3 22.9

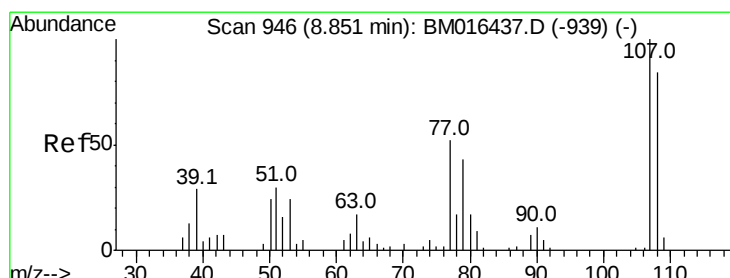
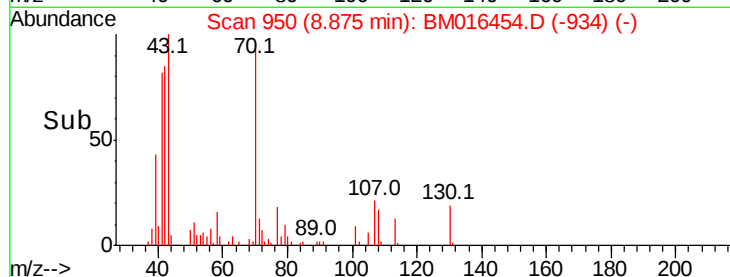
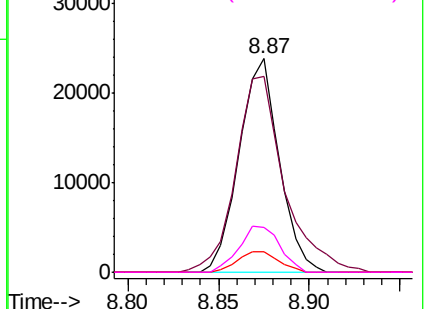


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 51.442 ng

RT: 8.85 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Tgt Ion:107 Resp: 49858

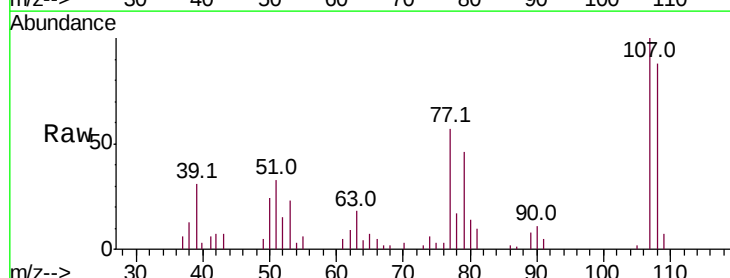
Ion Ratio Lower Upper

107 100

108 88.2 73.2 113.2

77 57.3 10.7 50.7#

79 45.7 9.6 49.6

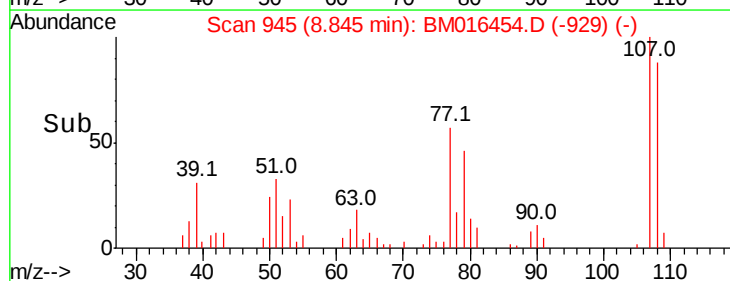
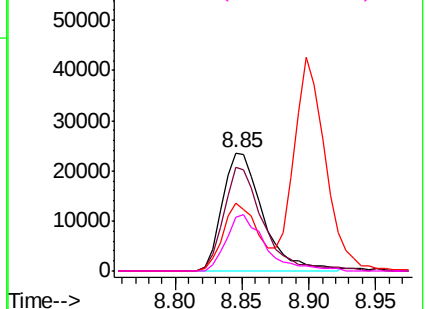


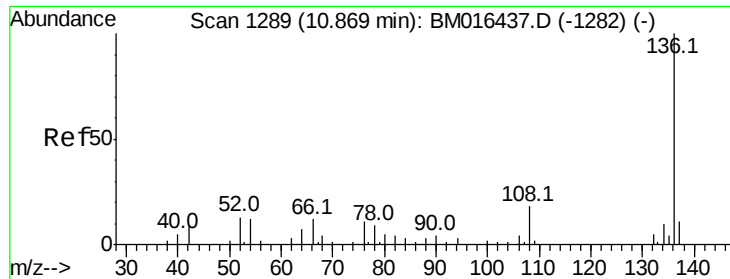
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

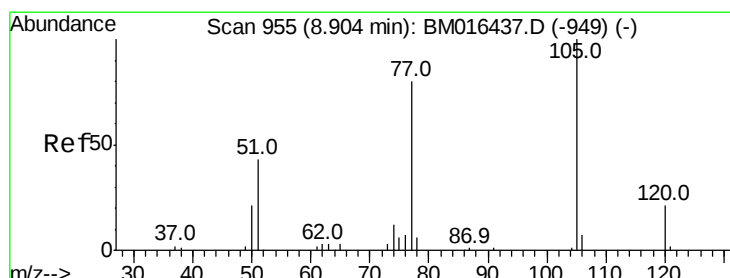
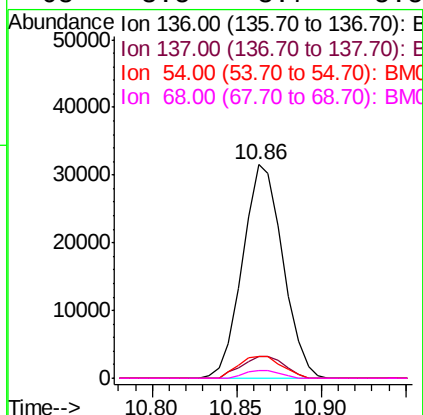
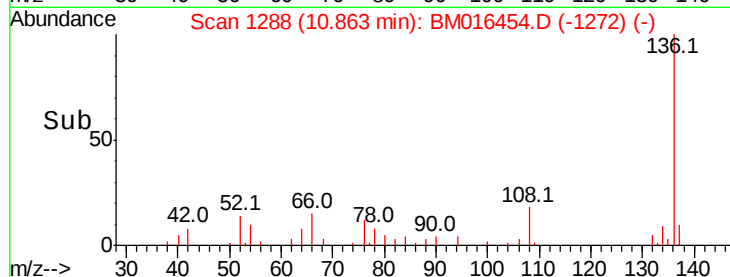
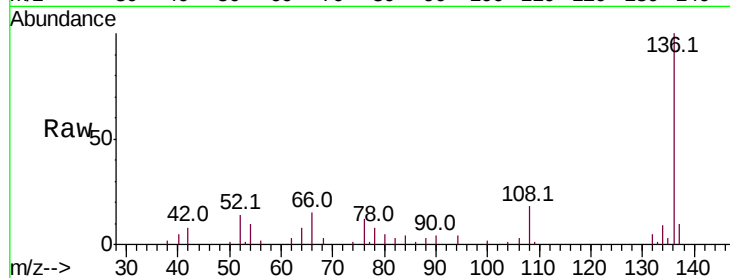




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

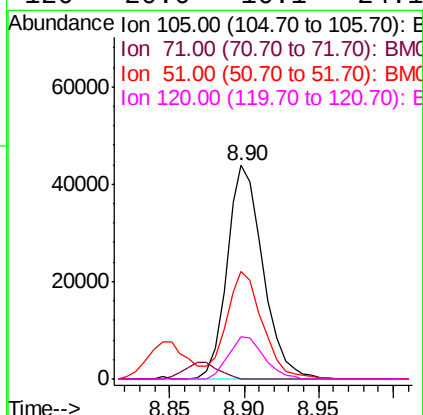
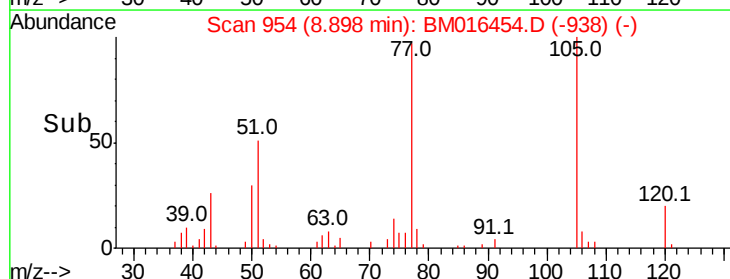
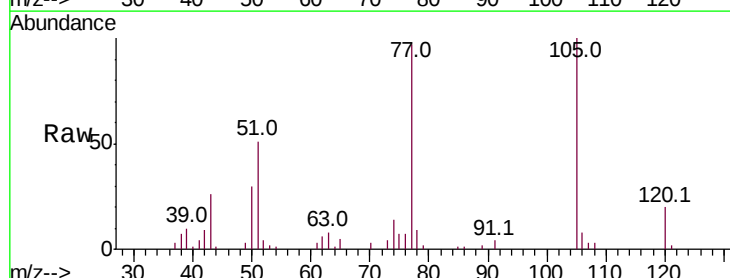
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

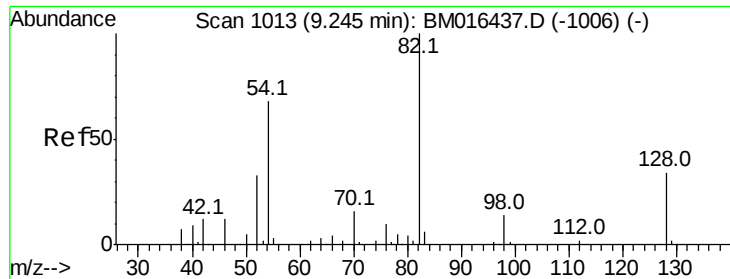
Tot Ion:	136	Resp:	52211
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.5	4.6	6.8#
68	3.5	3.7	5.5#



#22
Acetophenone
Concen: 52.314 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:	105	Resp:	73254
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	50.5	21.6	32.4#
120	20.0	16.1	24.1

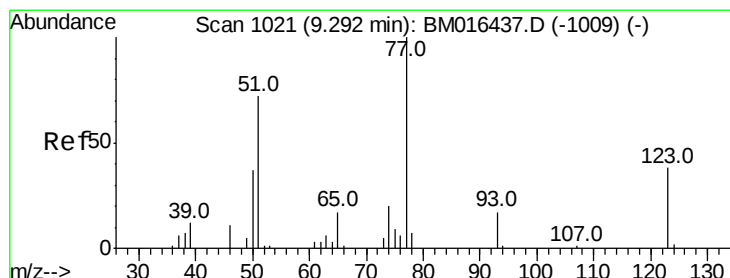
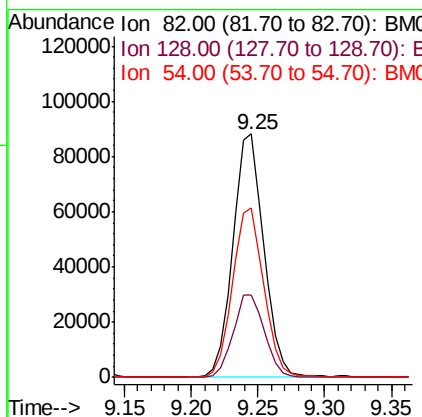
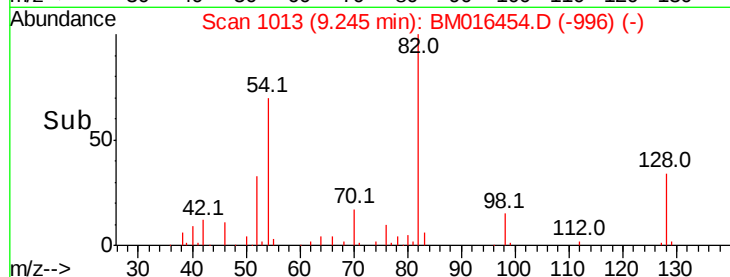
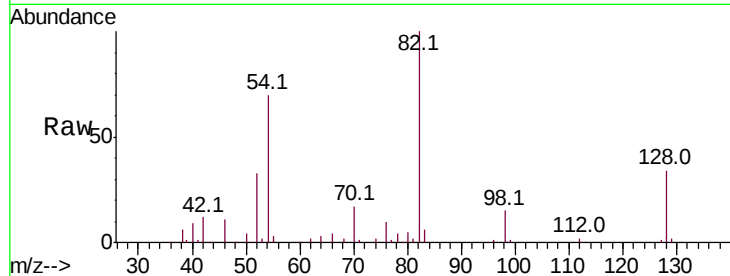




#23
 Nitrobenzene-d5
 Concen: 52.314 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

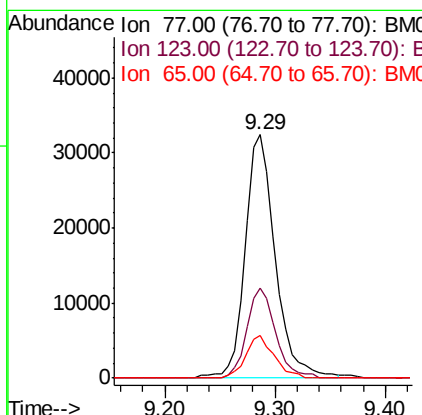
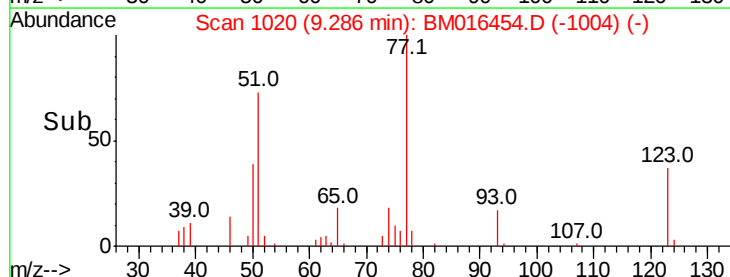
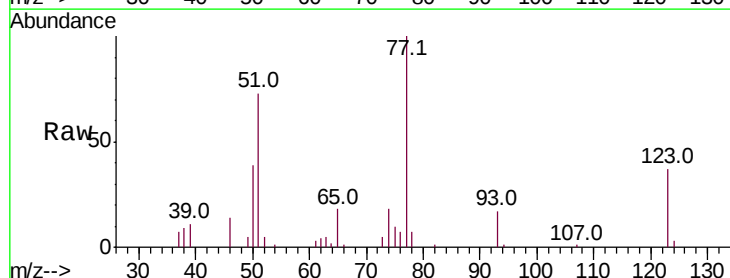
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

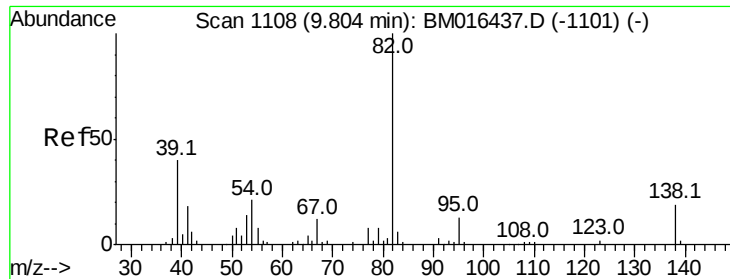
Tot Ion: 82 Resp: 142301
 Ion Ratio Lower Upper
 82 100
 128 34.1 32.8 49.2
 54 69.6 40.6 60.8#



#24
 Nitrobenzene
 Concen: 51.464 ng
 RT: 9.29 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion: 77 Resp: 62194
 Ion Ratio Lower Upper
 77 100
 123 36.8 32.6 49.0
 65 17.6 10.9 16.3#

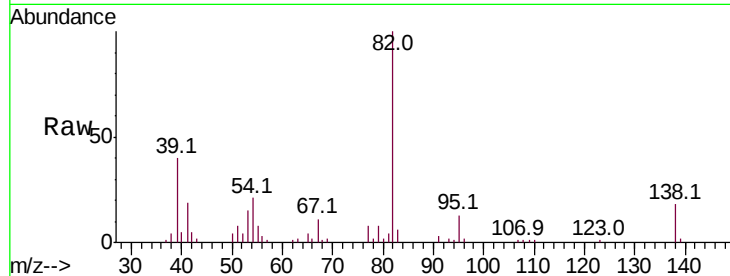




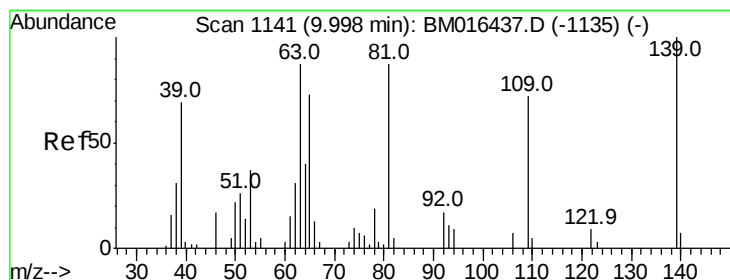
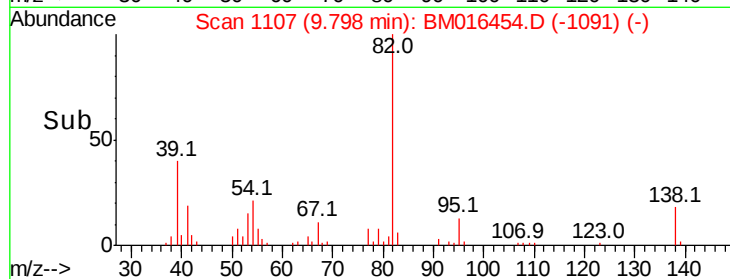
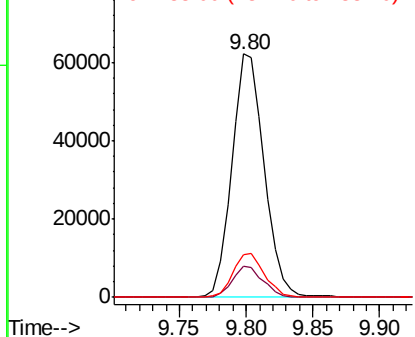
#25
Isophorone
Concen: 62.454 ng
RT: 9.80 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Instrument :
BNA_M
ClientSampleId :
RT2286MSD

Tot Ion: 82 Resp: 104430
Ion Ratio Lower Upper
82 100
95 12.9 5.8 8.6#
138 17.7 16.3 24.5

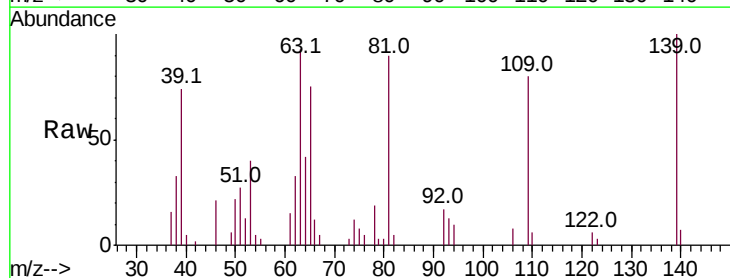


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

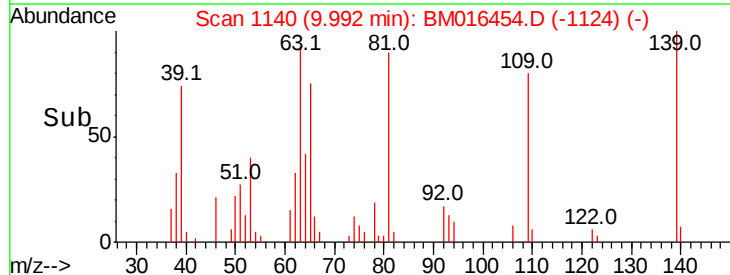
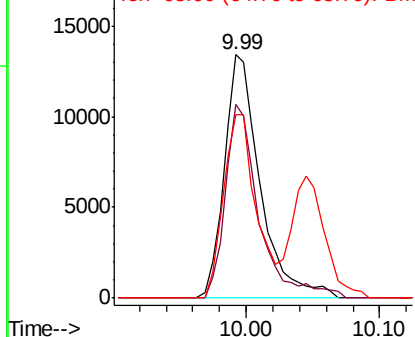


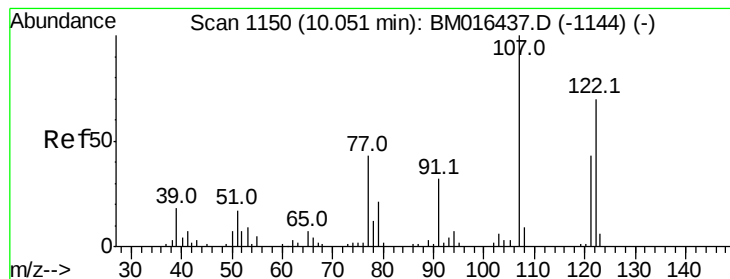
#26
2-Nitrophenol
Concen: 49.448 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:139 Resp: 25138
Ion Ratio Lower Upper
139 100
109 79.8 20.1 30.1#
65 75.1 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#27

2,4-Dimethylphenol

Concen: 65.785 ng

RT: 10.05 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

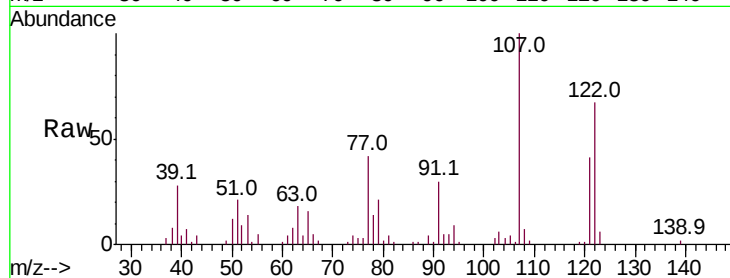
Tot Ion:122 Resp: 44708

Ion Ratio Lower Upper

122 100

107 148.9 84.7 127.1#

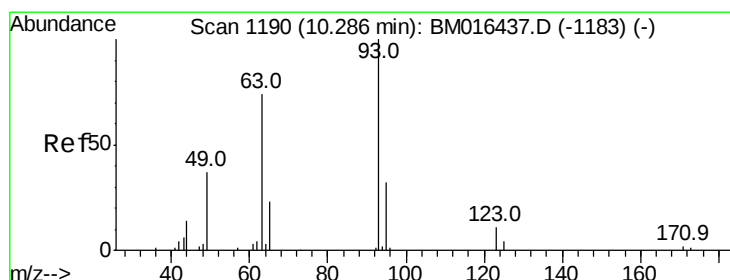
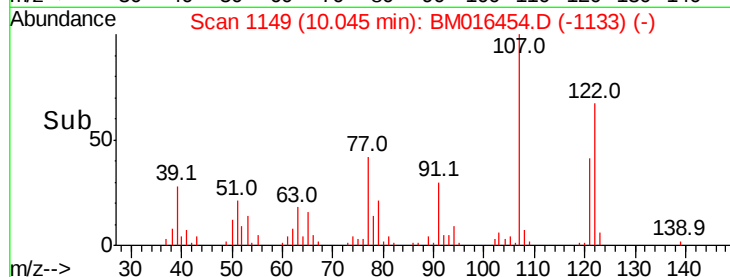
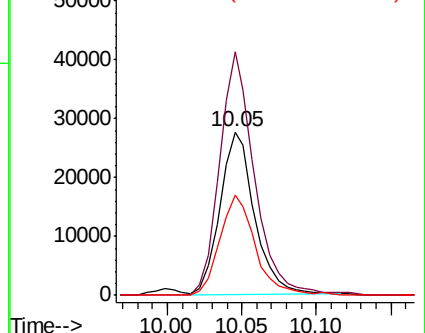
121 61.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.318 ng

RT: 10.28 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

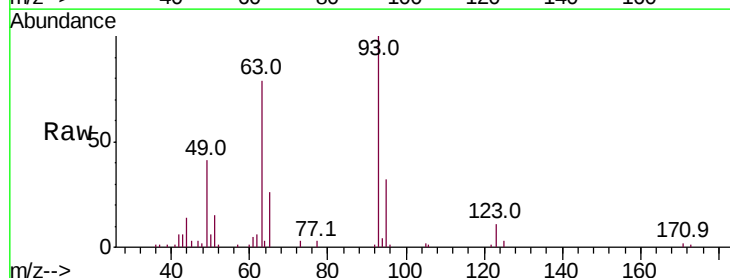
Tgt Ion: 93 Resp: 52539

Ion Ratio Lower Upper

93 100

95 31.7 25.5 38.3

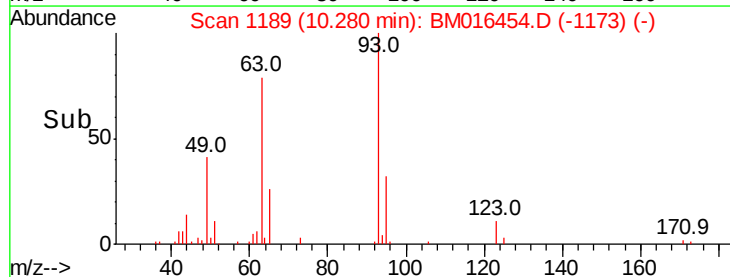
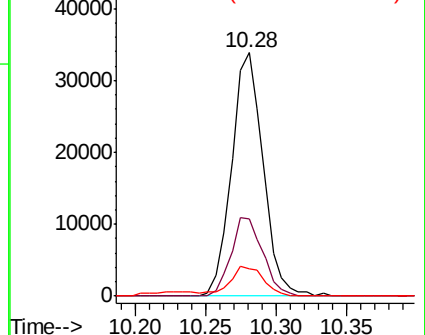
123 11.4 8.6 13.0

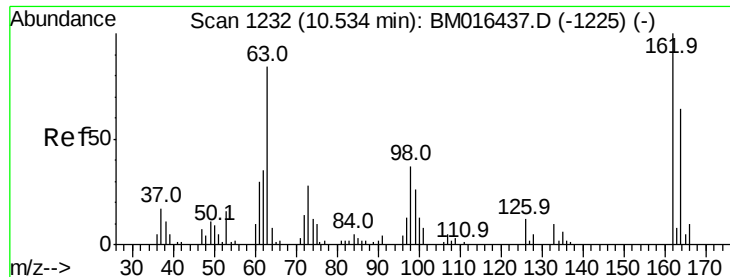


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

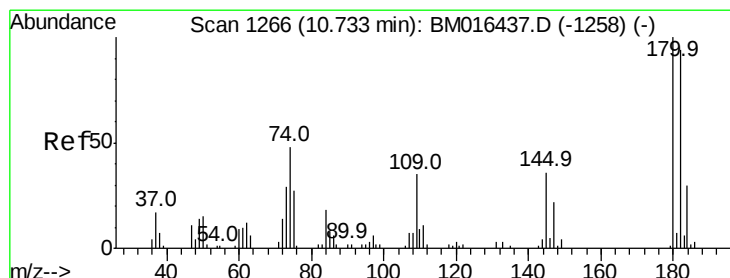
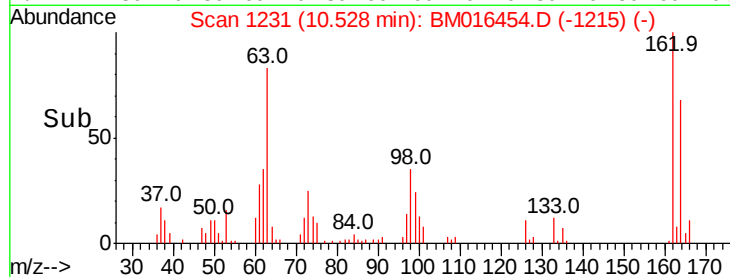
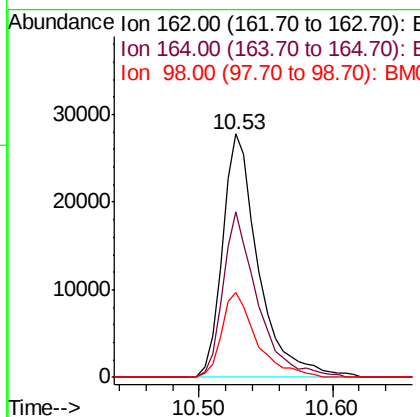
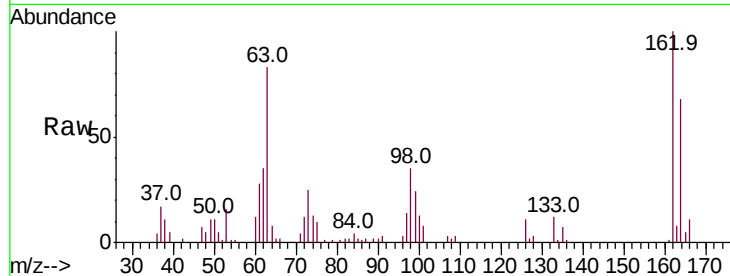




#29
 2,4-Dichlorophenol
 Concen: 56.813 ng
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

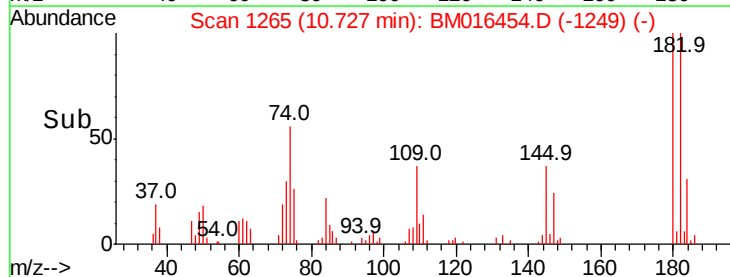
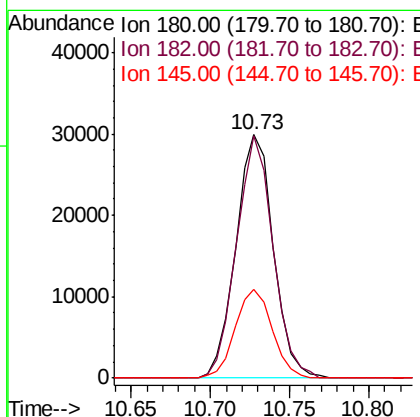
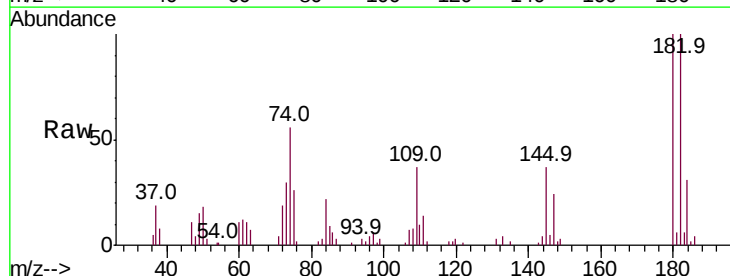
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

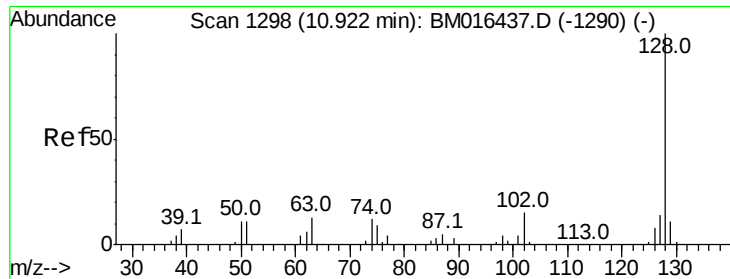
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	42.8	82.8
98	34.8	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.226 ng
 RT: 10.73 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	77.6	116.4
145	36.6	23.4	35.2#





#31

Naphthalene

Concen: 51.565 ng

RT: 10.92 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampled :

RT2286MSD

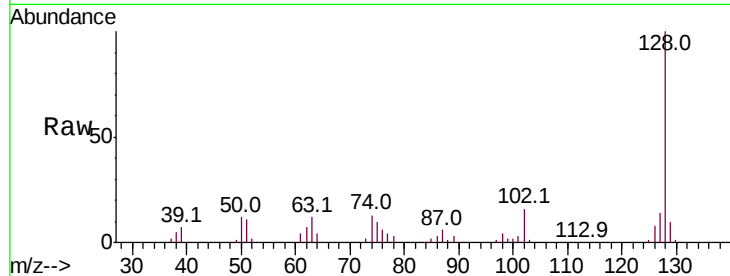
Tot Ion:128 Resp: 136544

Ion Ratio Lower Upper

128 100

129 10.1 8.9 13.3

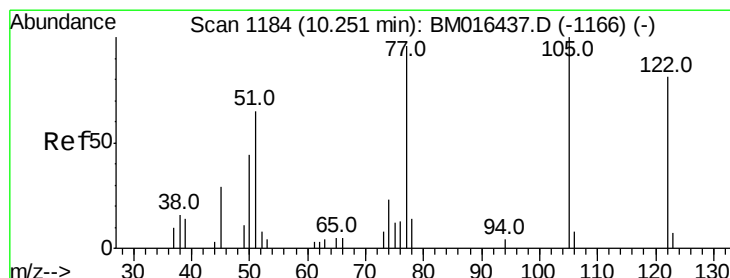
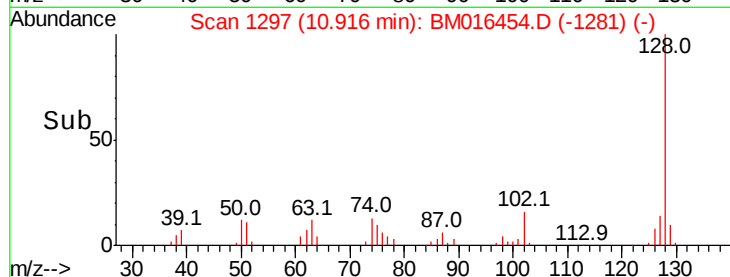
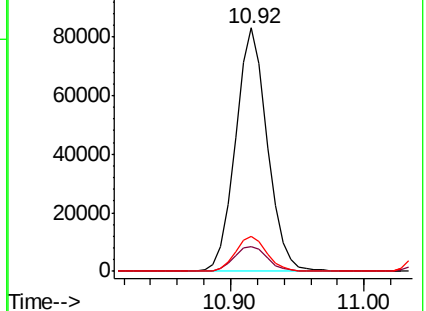
127 14.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.176 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

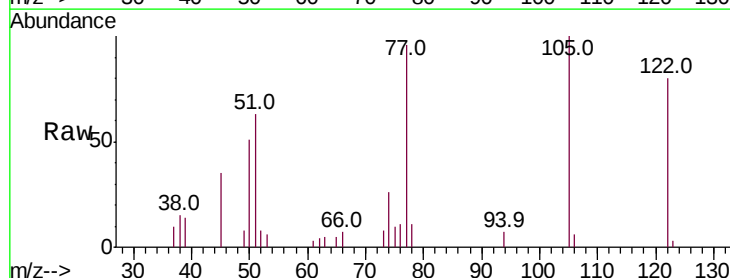
Tgt Ion:122 Resp: 25489

Ion Ratio Lower Upper

122 100

105 125.7 99.9 139.9

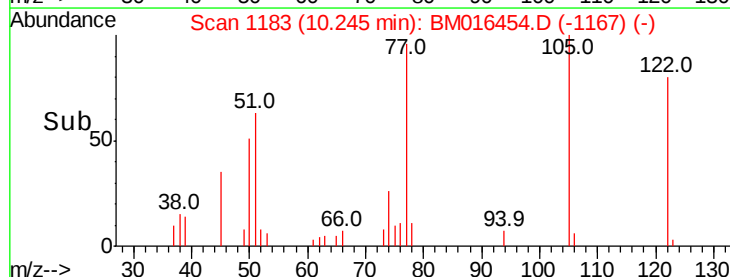
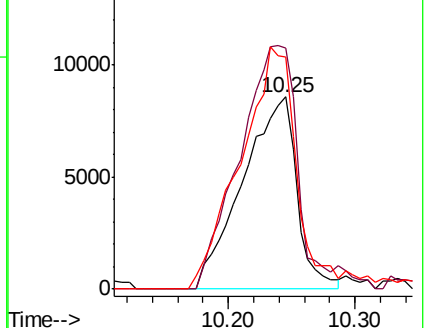
77 121.3 73.7 113.7#

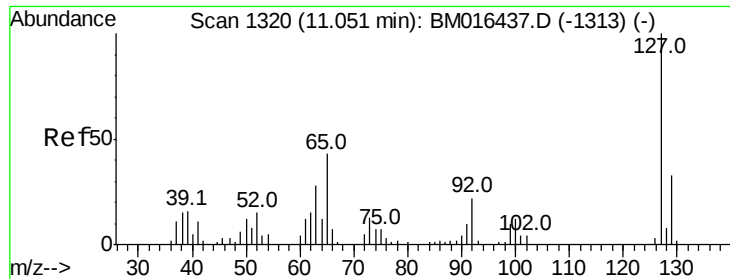


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

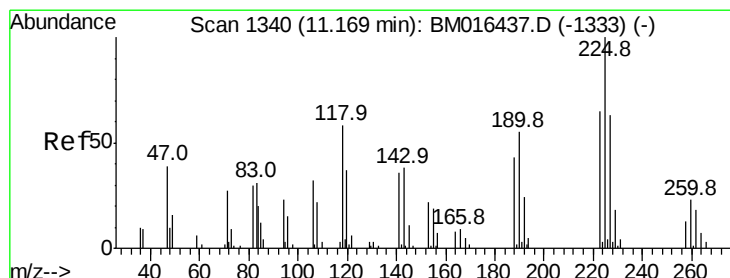
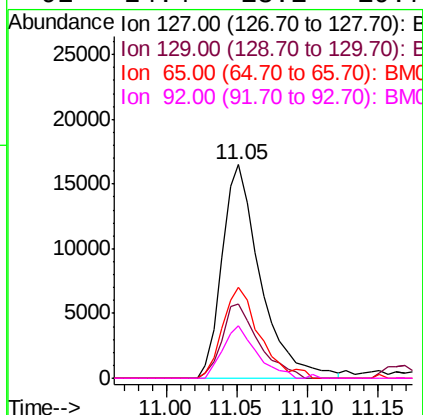
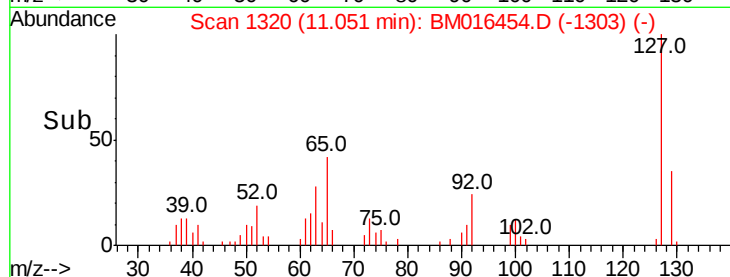
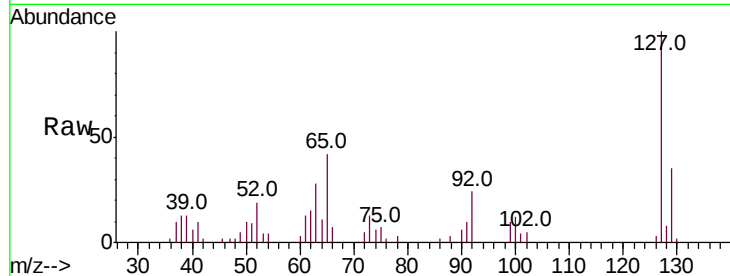




#33
4-Chloroaniline
Concen: 27.624 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

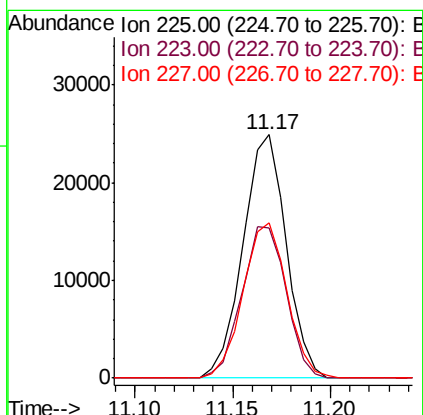
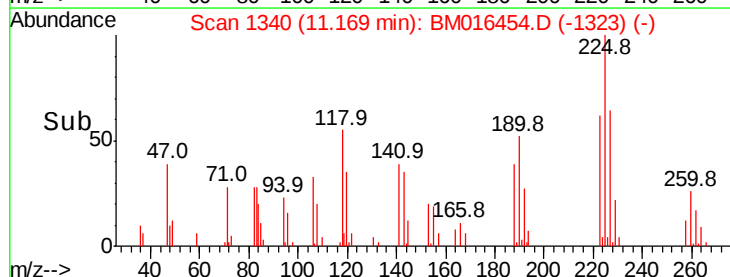
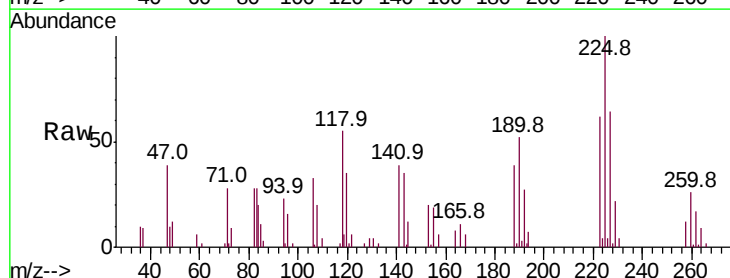
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

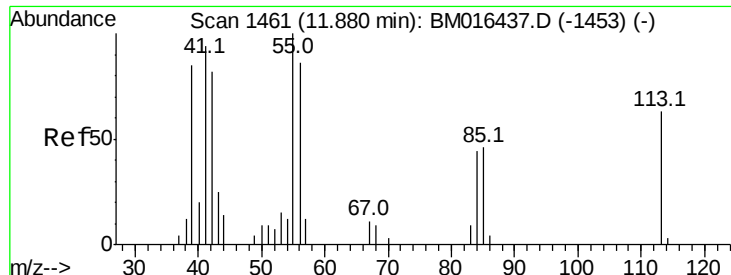
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.0	25.3	37.9
65	42.5	17.6	26.4
92	24.4	13.1	19.7



#34
Hexachlorobutadiene
Concen: 40.736 ng
RT: 11.17 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.9	71.9
227	63.7	50.1	75.1





#35

Caprolactam

Concen: 45.891 ng

RT: 11.87 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

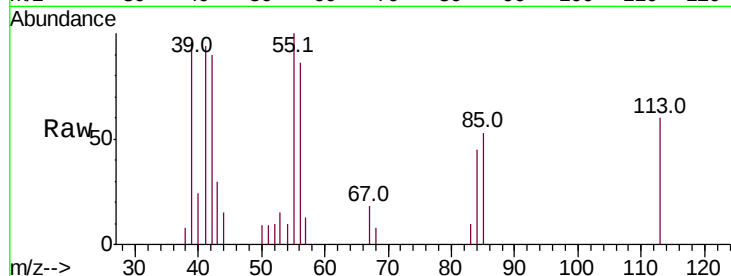
Tot Ion:113 Resp: 10809

Ion Ratio Lower Upper

113 100

55 167.2 145.9 185.9

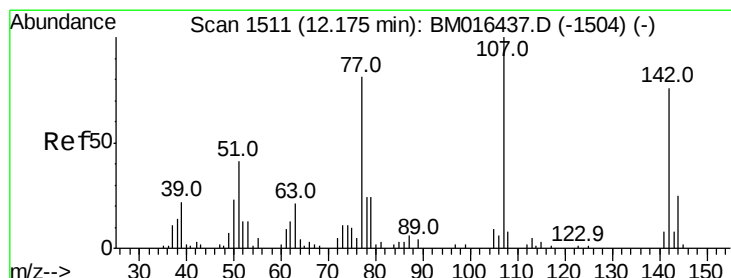
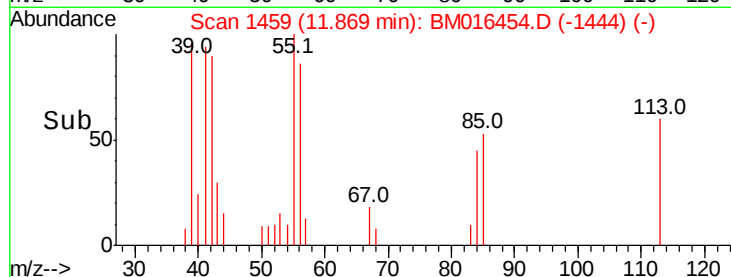
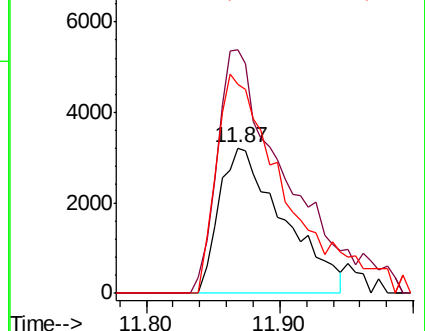
56 143.3 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 57.130 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

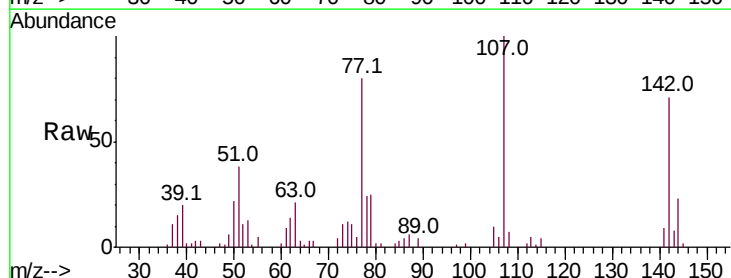
Tgt Ion:107 Resp: 59853

Ion Ratio Lower Upper

107 100

144 23.2 23.3 34.9#

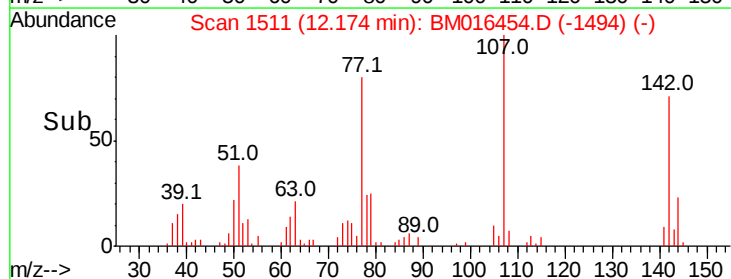
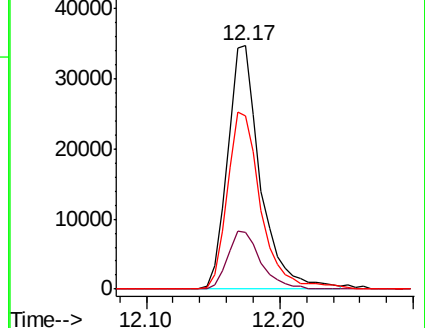
142 71.4 72.6 109.0#

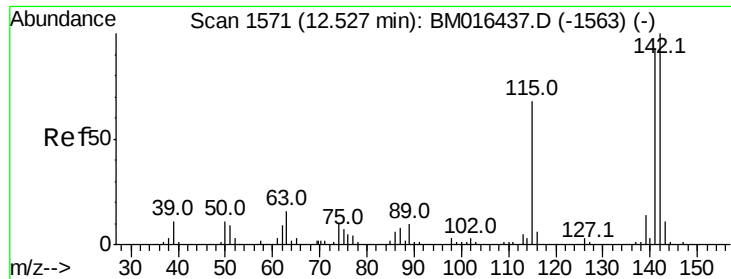


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

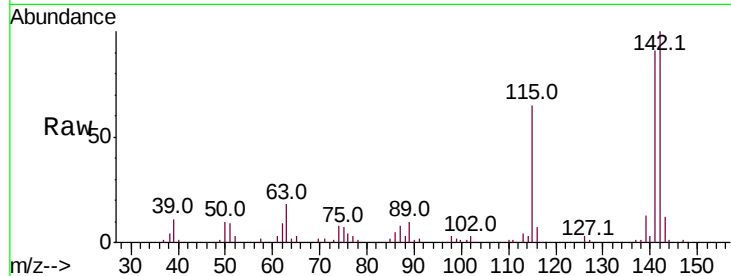




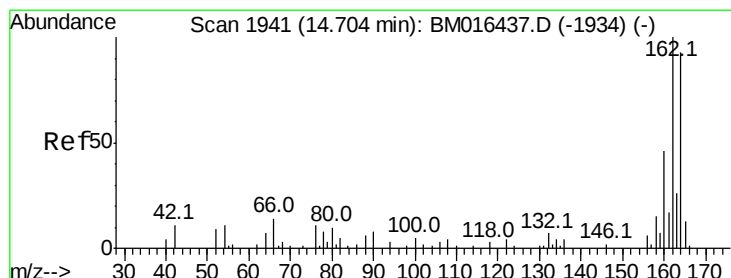
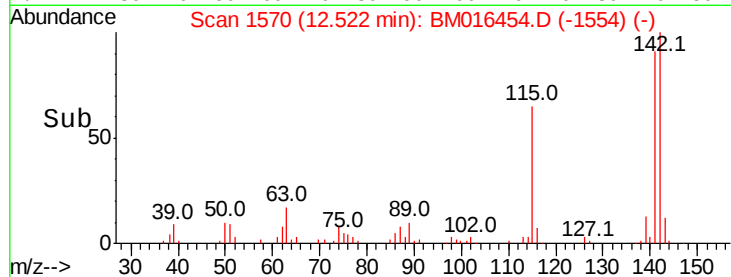
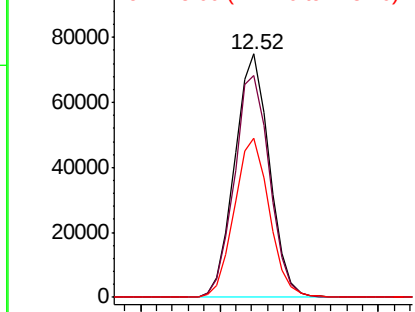
#37
2-Methylnaphthalene
Concen: 58.063 ng
RT: 12.52 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Instrument :
BNA_M
ClientSampleId :
RT2286MSD

Tot Ion:142 Resp: 114061
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
115 65.3 25.4 38.0#

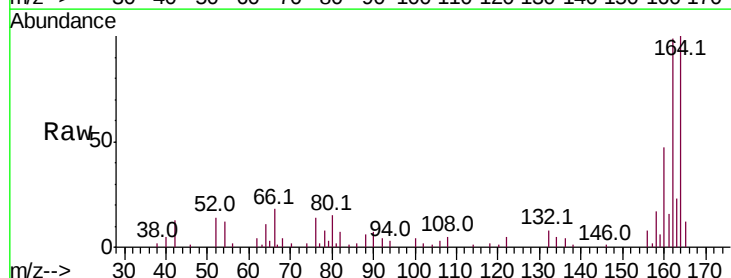


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

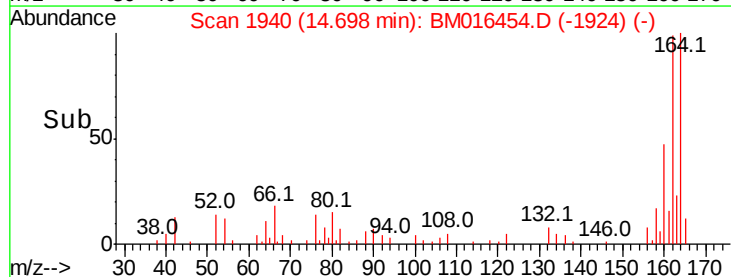
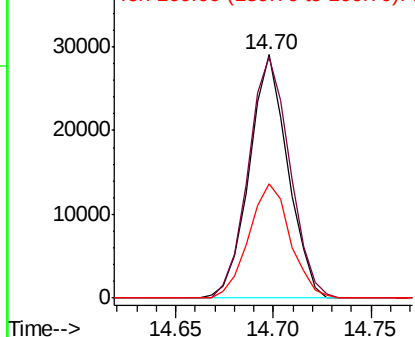


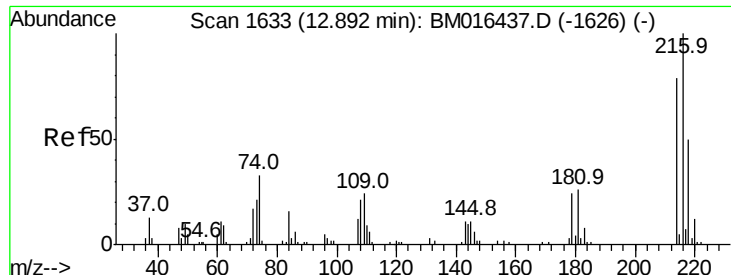
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:164 Resp: 39701
Ion Ratio Lower Upper
164 100
162 98.9 82.4 123.6
160 47.0 35.8 53.6



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

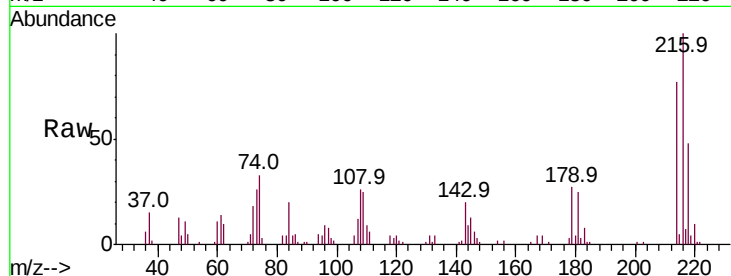




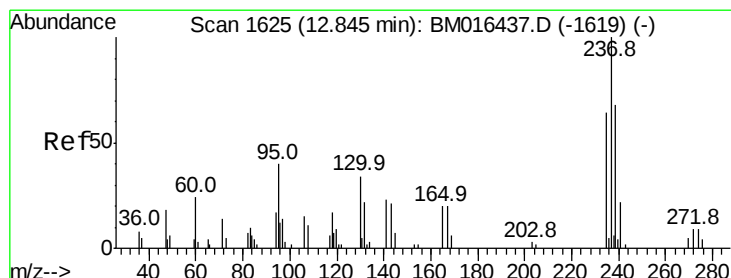
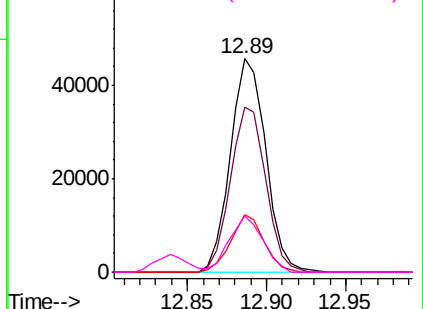
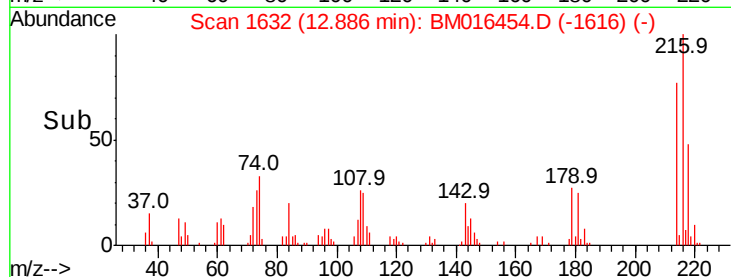
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.588 ng
 RT: 12.89 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

Tot Ion:	216	Resp:	70842
Ion	Ratio	Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	25.2	0.0	0.0#
108	24.9	0.0	0.0#

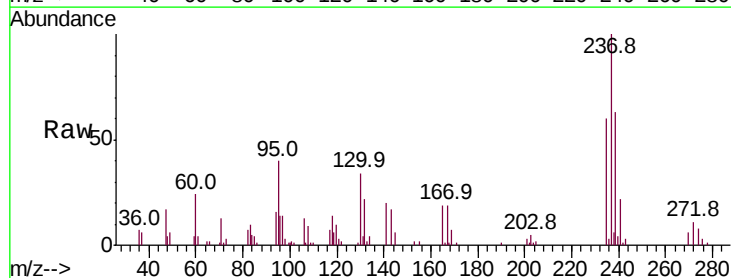


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

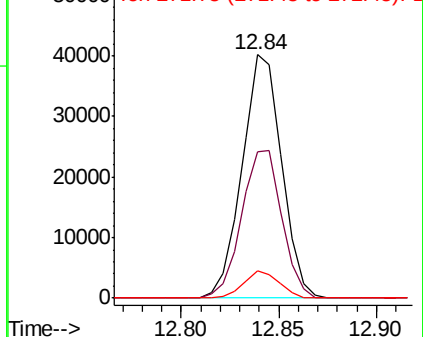
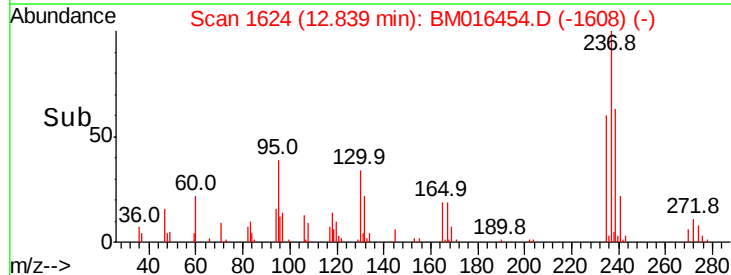


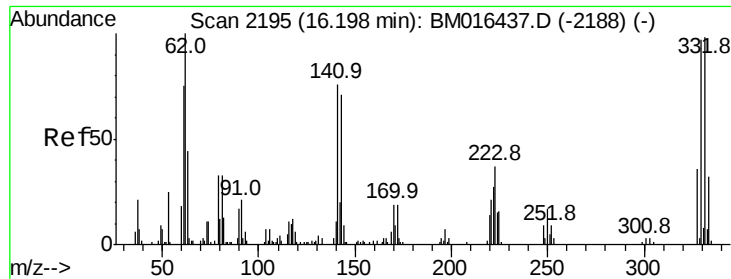
#40
 Hexachlorocyclopentadiene
 Concen: 79.216 ng
 RT: 12.84 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:	237	Resp:	56412
Ion	Ratio	Lower	Upper
237	100		
235	59.9	42.0	82.0
272	11.0	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

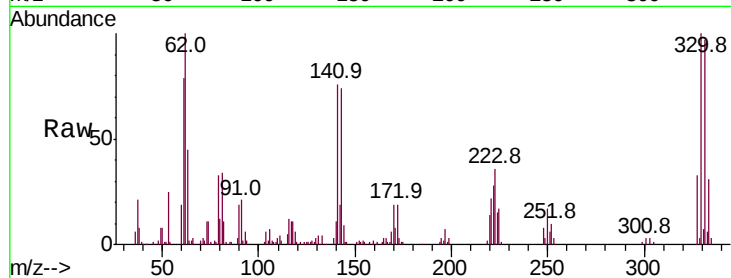




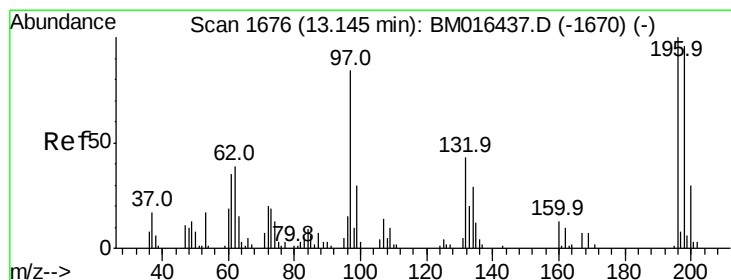
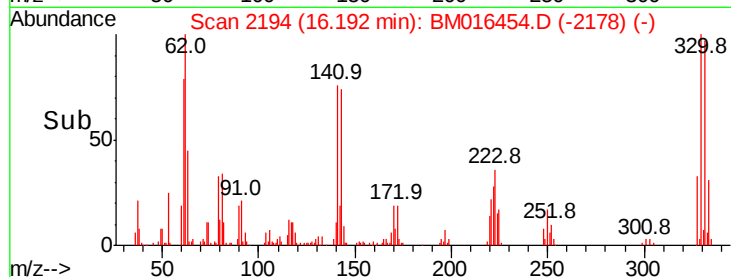
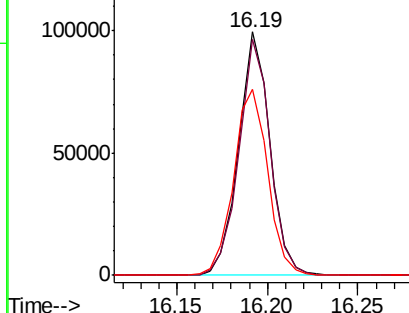
#41
 2,4,6-Tribromophenol
 Concen: 79.216 ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

Tot Ion:330 Resp: 119589
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 83.3 0.0 0.0#

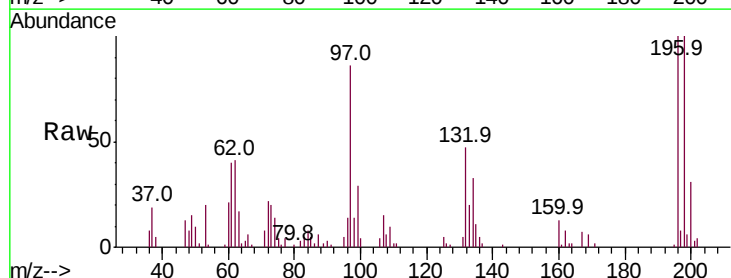


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

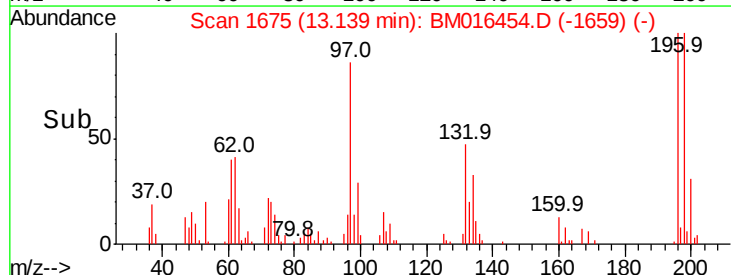
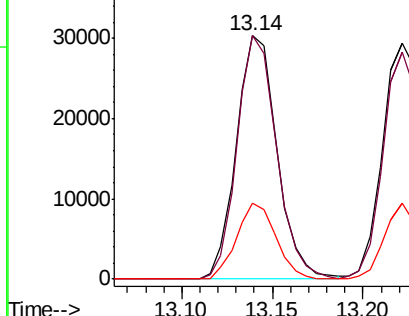


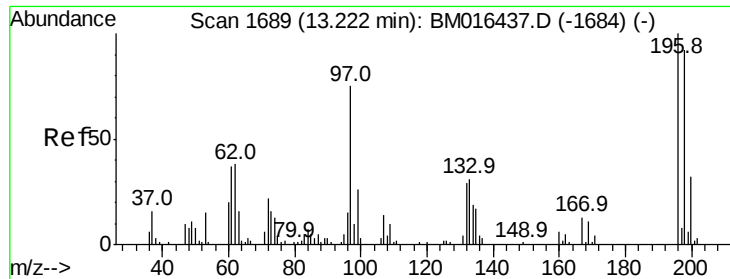
#42
 2,4,6-Trichlorophenol
 Concen: 46.677 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:196 Resp: 47415
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.3 114.5
 200 31.5 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

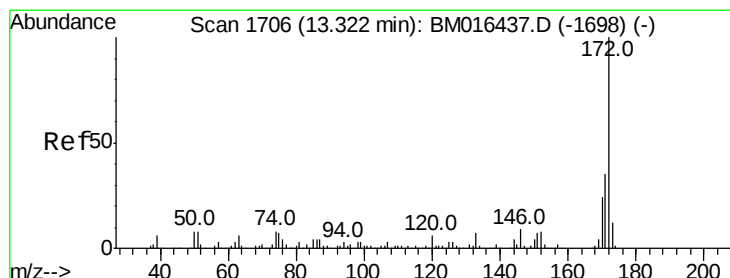
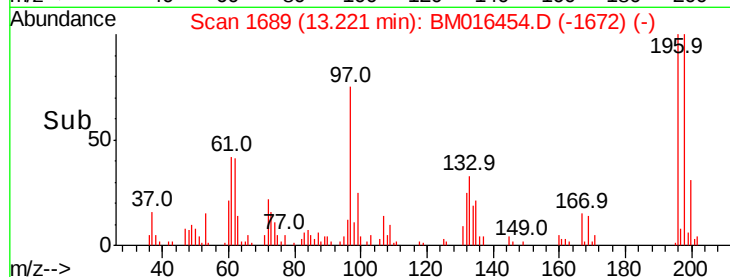
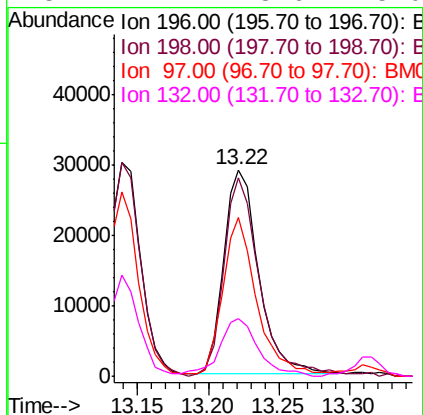
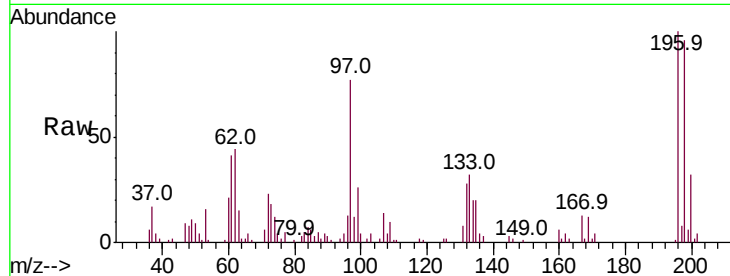




#43
 2,4,5-Trichlorophenol
 Concen: 50.609 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

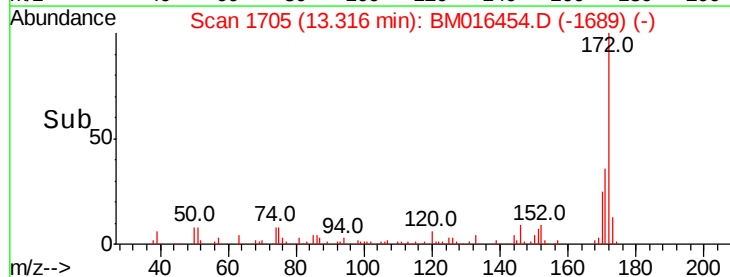
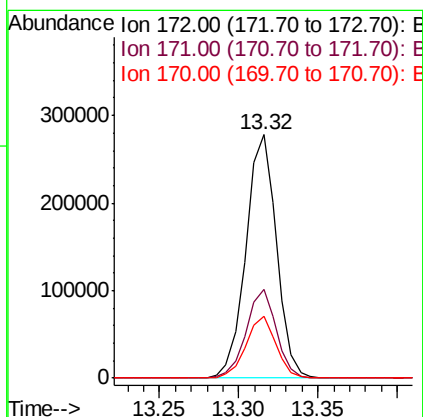
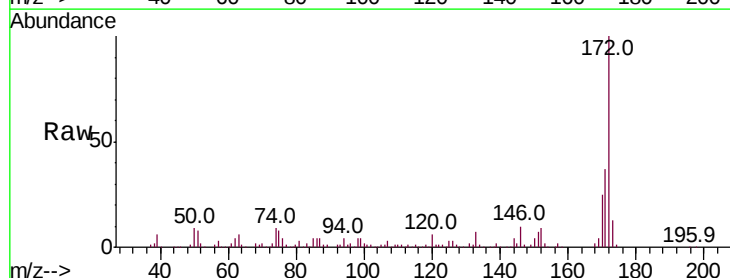
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

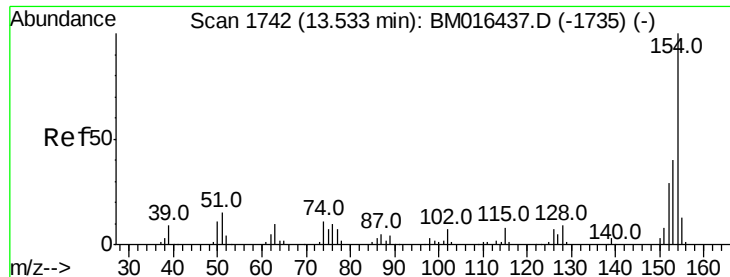
Tot Ion:196 Resp: 50155
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.4 119.0
 97 76.7 26.8 40.2#
 132 27.7 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 50.609 ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:172 Resp: 371366
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 25.5 18.8 28.2

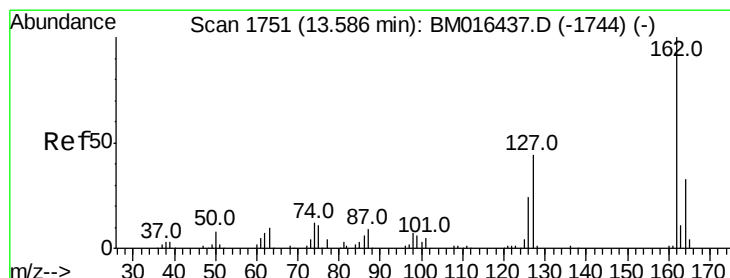
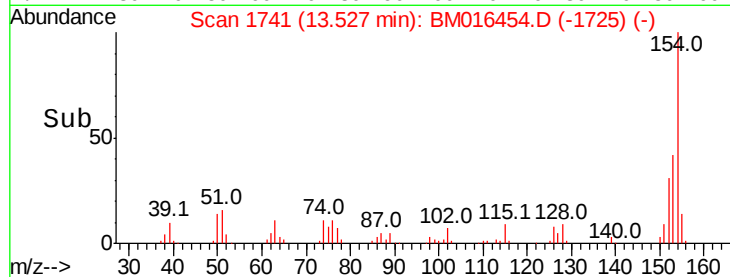
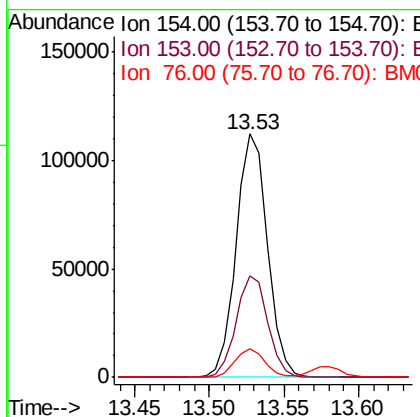
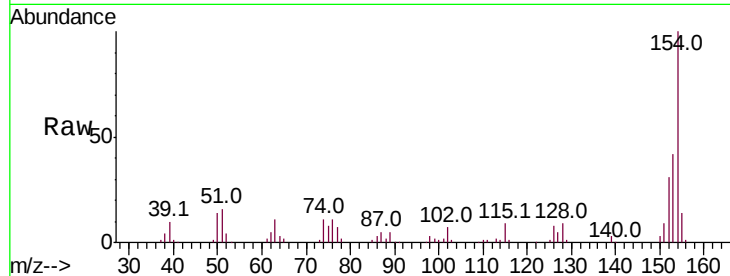




#45
 1,1'-Biphenyl
 Concen: 44.545 ng
 RT: 13.53 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

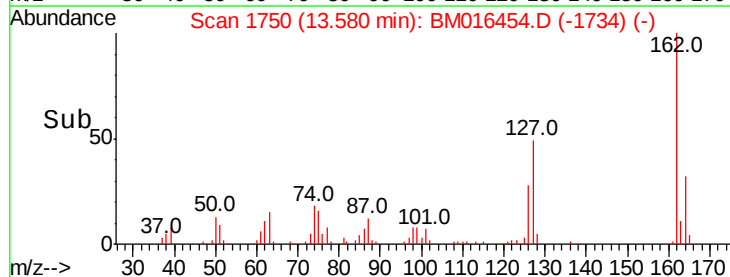
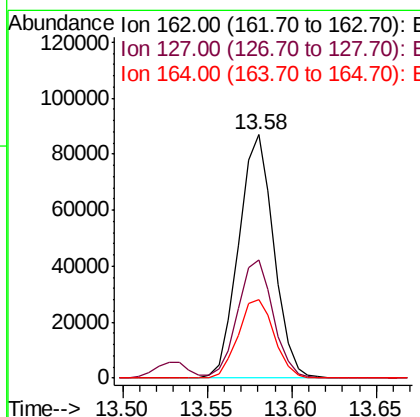
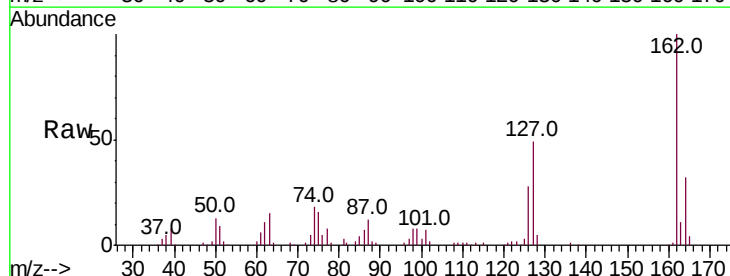
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

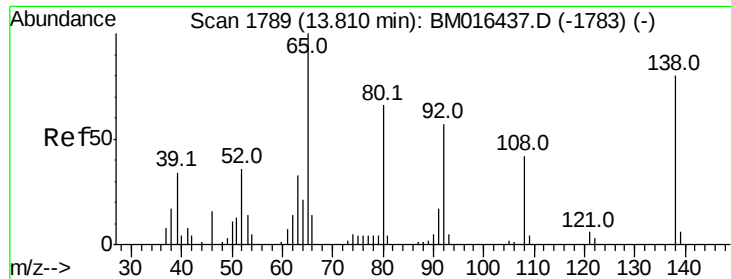
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	11.5	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 43.949 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.5	26.9	40.3#
164	32.2	26.8	40.2

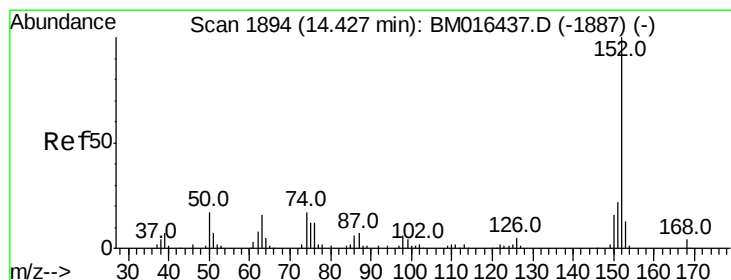
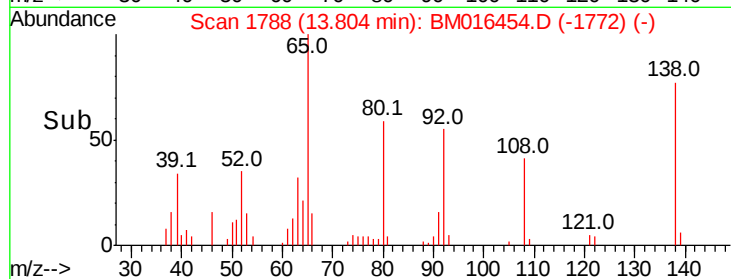
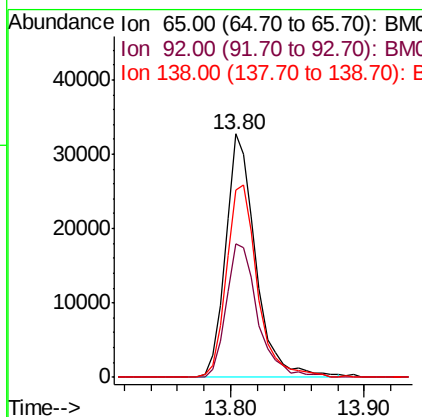
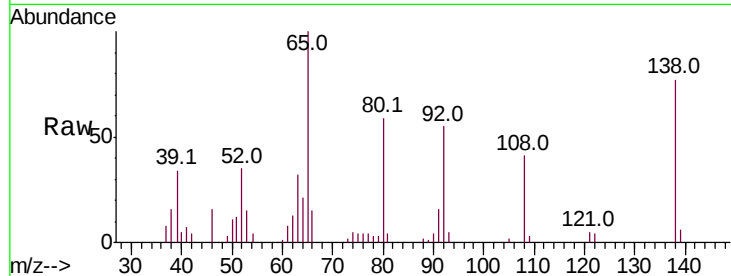




#47
 2-Nitroaniline
 Concen: 51.914 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

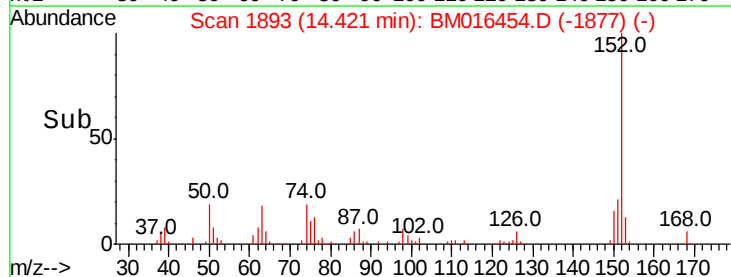
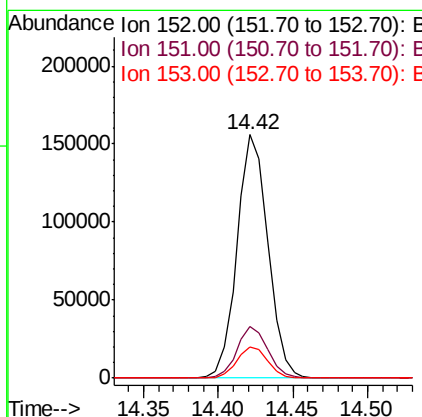
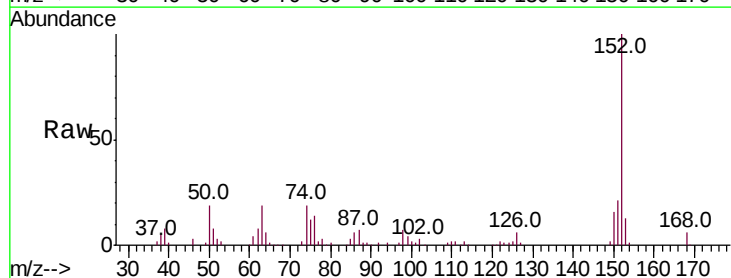
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

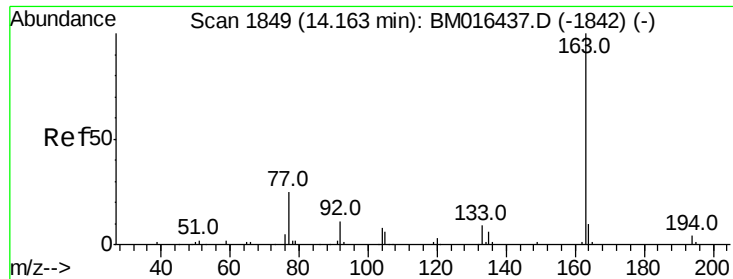
Tot Ion: 65 Resp: 51609
 Ion Ratio Lower Upper
 65 100
 92 54.7 59.1 88.7#
 138 77.1 93.9 140.9#



#48
 Acenaphthylene
 Concen: 51.979 ng
 RT: 14.42 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion: 152 Resp: 224061
 Ion Ratio Lower Upper
 152 100
 151 21.2 15.9 23.9
 153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 53.242 ng

RT: 14.16 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

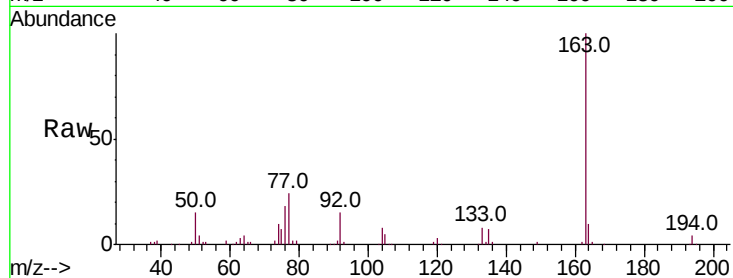
Tot Ion:163 Resp: 207287

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

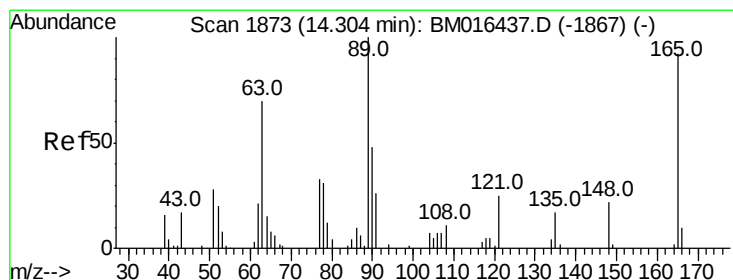
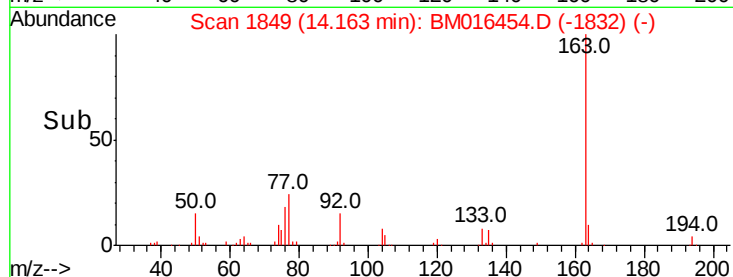
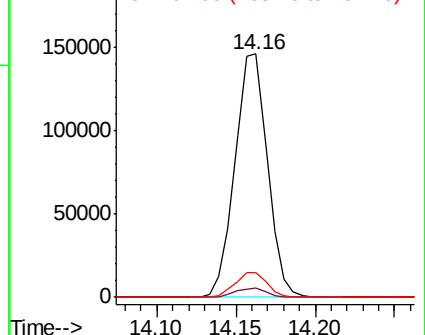
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.939 ng

RT: 14.30 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

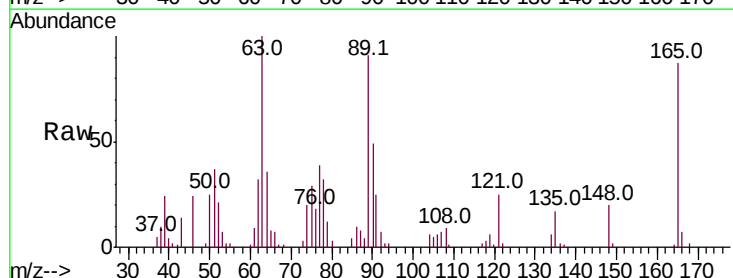
Tgt Ion:165 Resp: 38381

Ion Ratio Lower Upper

165 100

63 114.5 44.1 66.1#

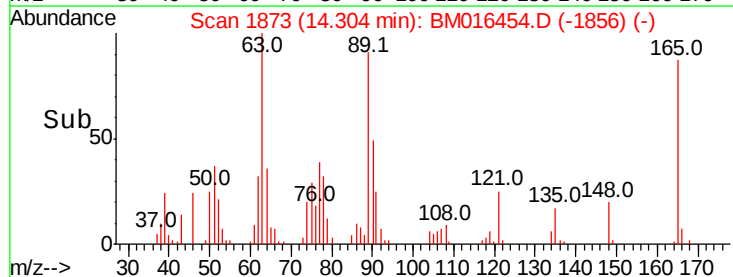
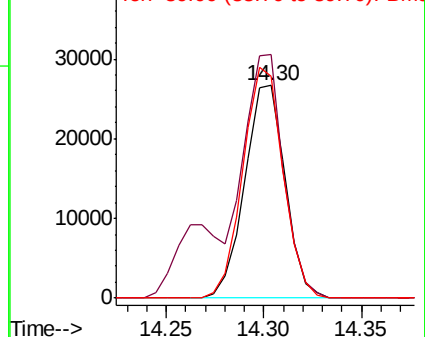
89 104.3 44.3 66.5#

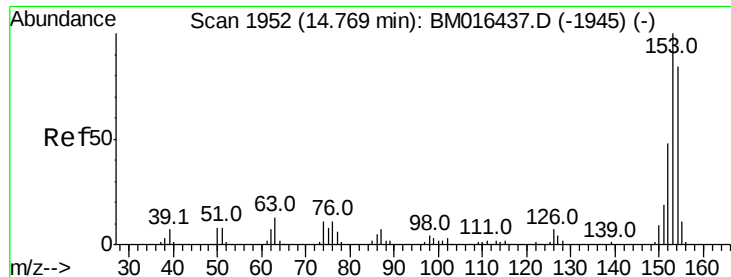


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 48.728 ng

RT: 14.76 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

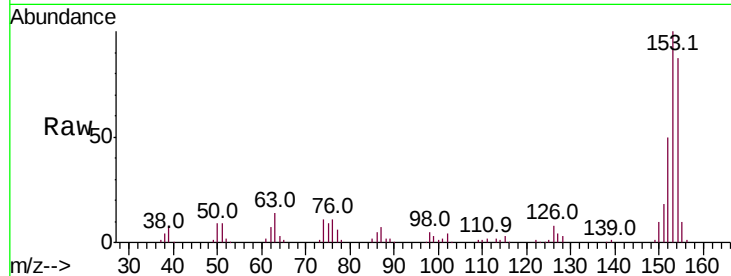
Tot Ion:154 Resp: 126758

Ion Ratio Lower Upper

154 100

153 115.2 90.0 135.0

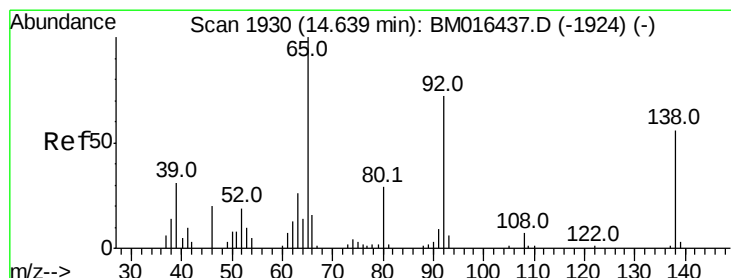
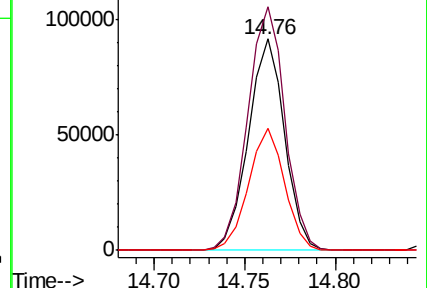
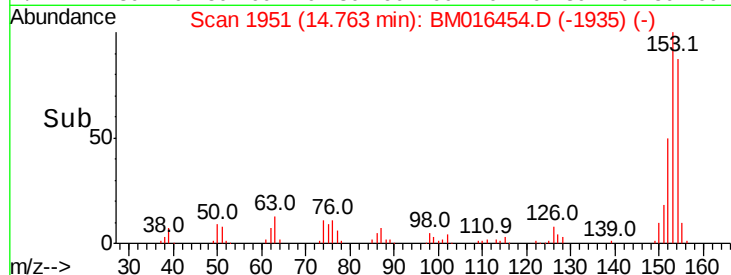
152 57.9 42.6 63.8



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: 37.189 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

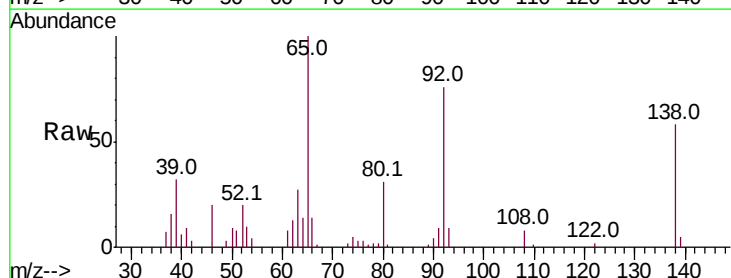
Tgt Ion:138 Resp: 27076

Ion Ratio Lower Upper

138 100

108 14.2 7.3 10.9#

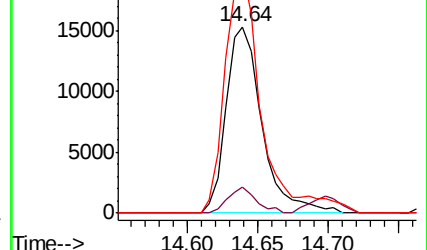
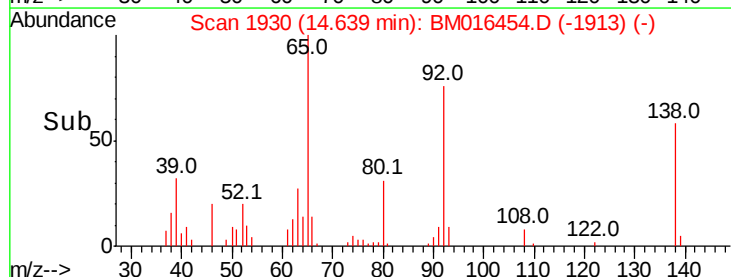
92 130.6 76.6 114.8#

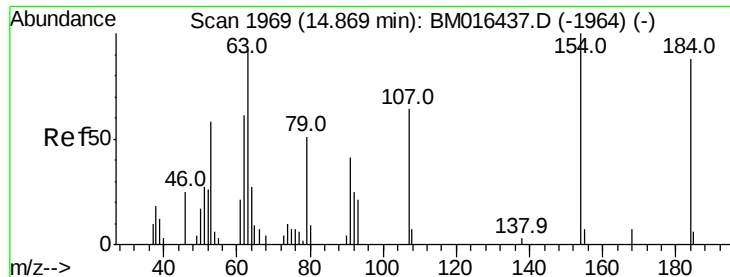


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

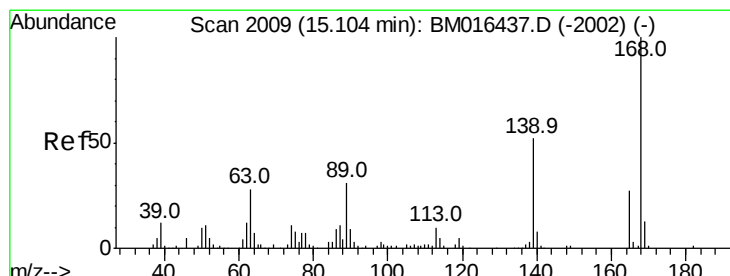
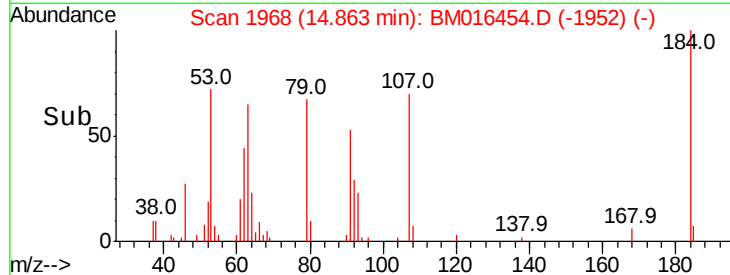
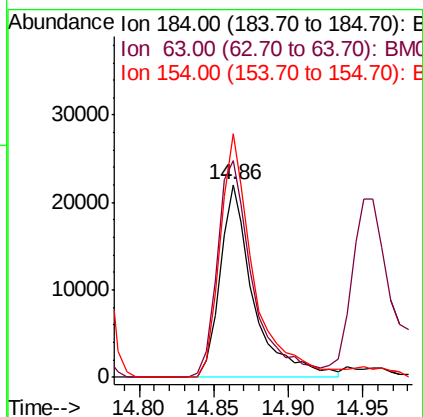
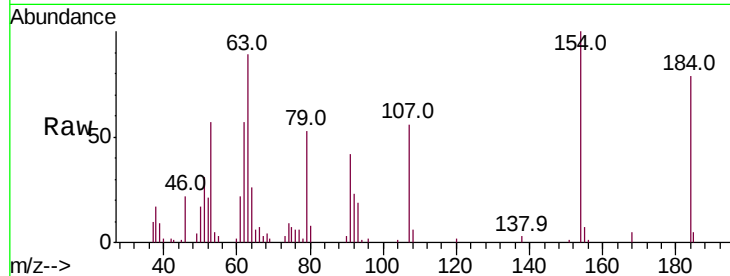




#53
 2,4-Dinitrophenol
 Concen: 88.011 ng
 RT: 14.86 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

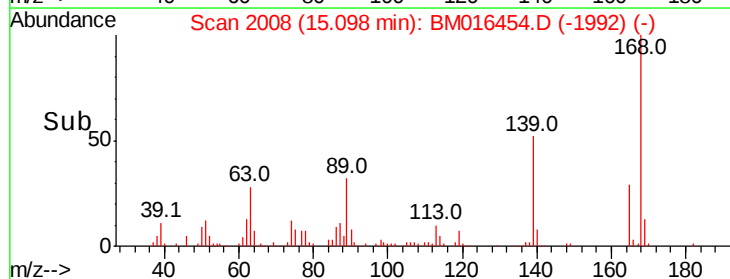
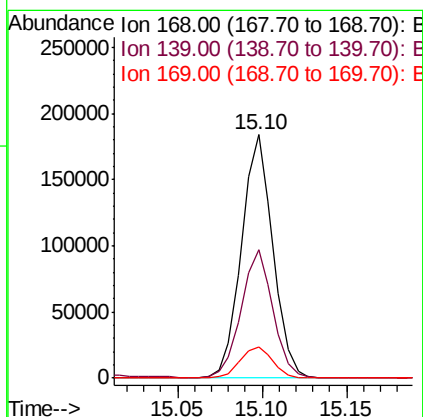
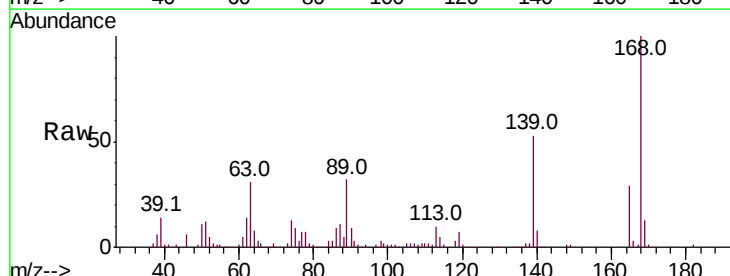
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

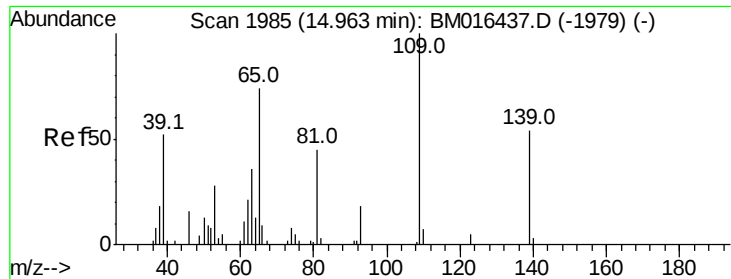
Tot Ion:184 Resp: 34477
 Ion Ratio Lower Upper
 184 100
 63 112.3 69.2 103.8#
 154 126.2 53.3 79.9#



#54
 Dibenzofuran
 Concen: 51.912 ng
 RT: 15.10 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:168 Resp: 237947
 Ion Ratio Lower Upper
 168 100
 139 53.0 27.3 40.9#
 169 12.8 10.6 16.0

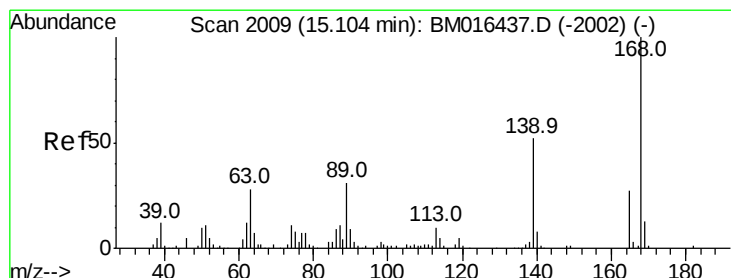
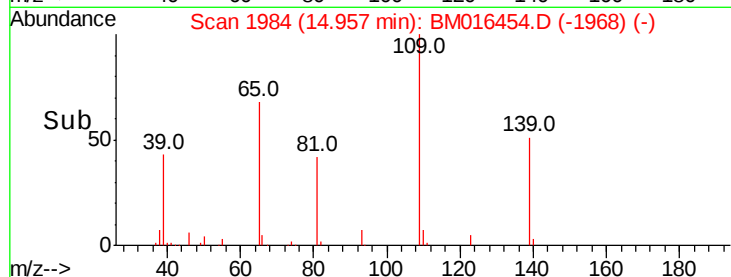
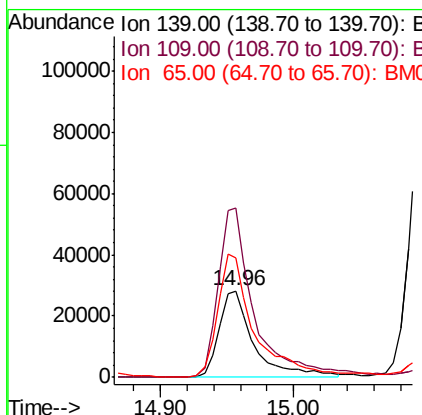
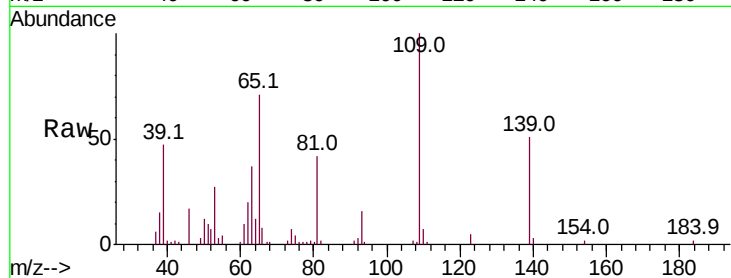




#55
4-Nitrophenol
Concen: 109.351 ng
RT: 14.96 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

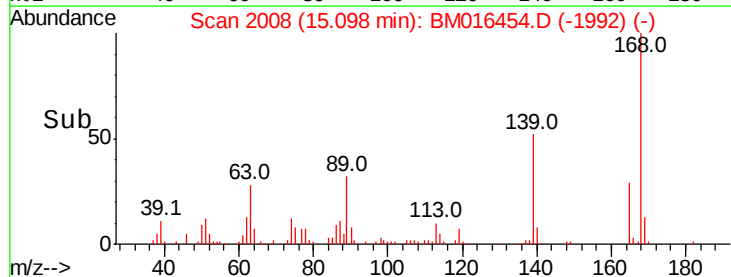
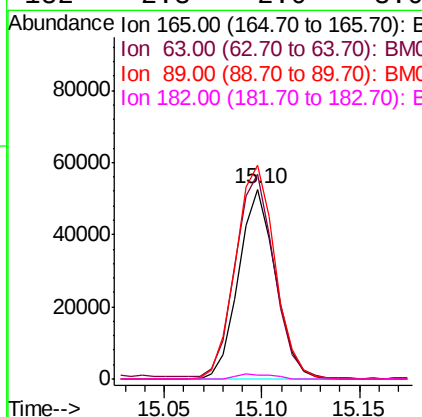
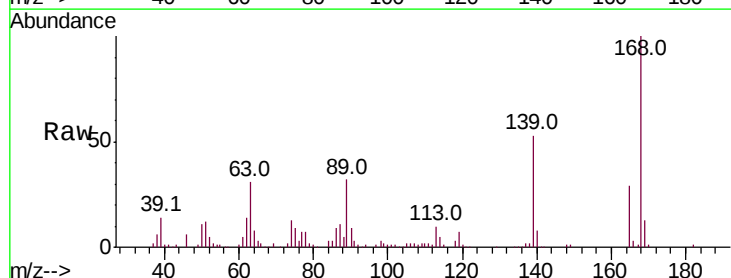
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

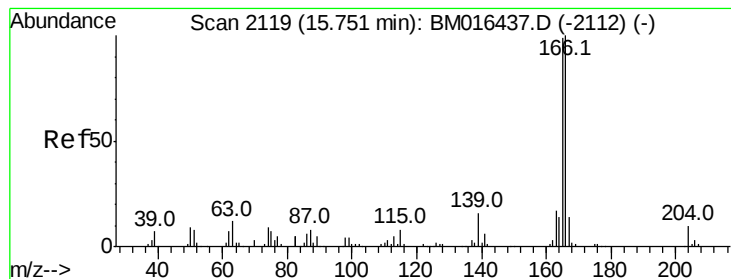
Tot Ion:139 Resp: 52003
Ion Ratio Lower Upper
139 100
109 196.0 130.0 170.0#
65 138.8 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 55.747 ng
RT: 15.10 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:165 Resp: 68860
Ion Ratio Lower Upper
165 100
63 107.9 52.4 78.6#
89 112.7 72.4 108.6#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 56.278 ng

RT: 15.74 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

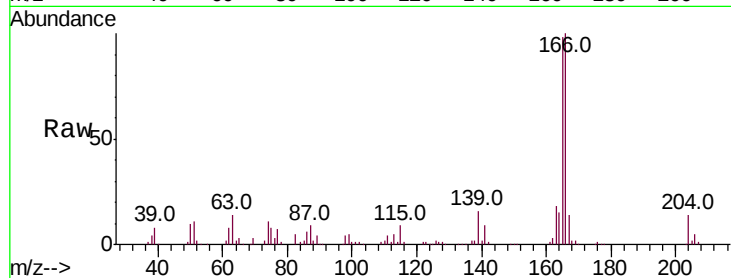
Tot Ion:166 Resp: 197080

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

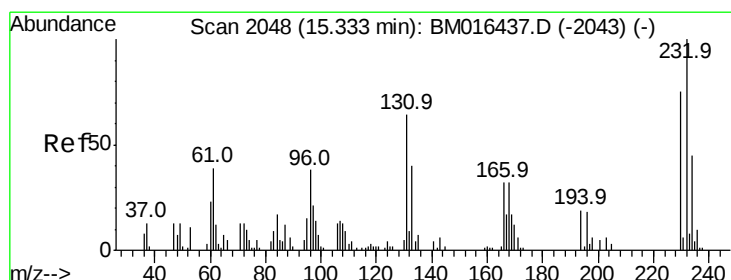
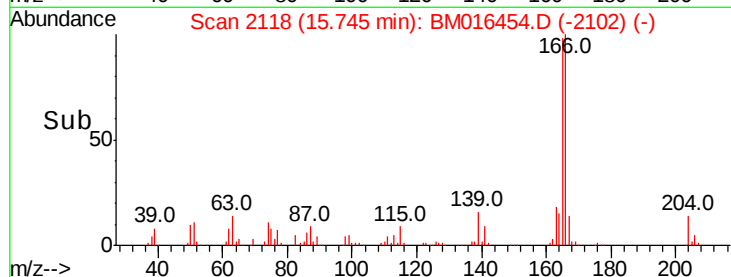
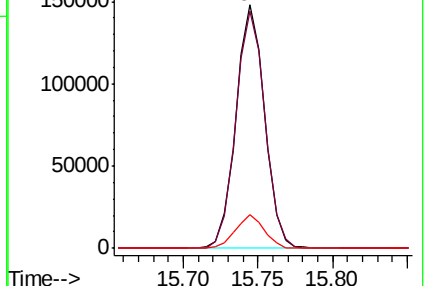
167 13.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.055 ng

RT: 15.33 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Tgt Ion:232 Resp: 53906

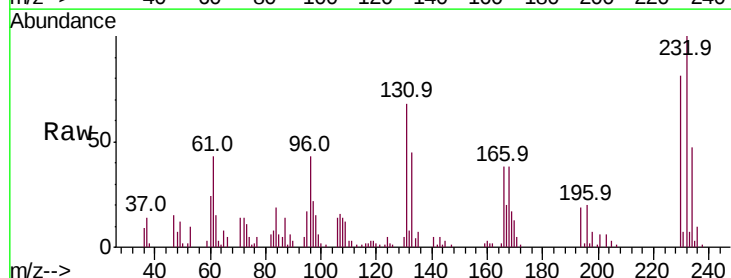
Ion Ratio Lower Upper

232 100

131 65.8 0.0 0.0#

130 4.9 0.0 0.0#

166 36.7 0.0 0.0#

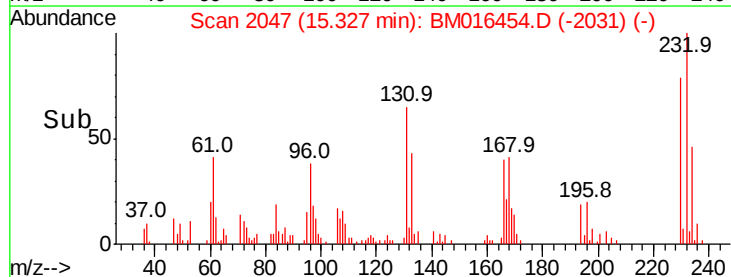
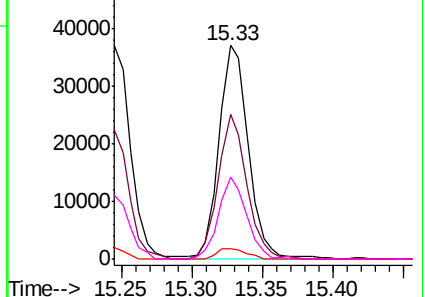


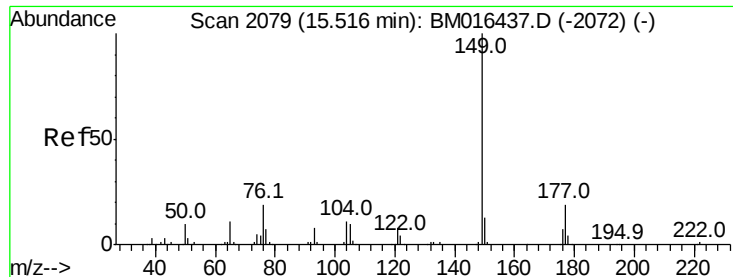
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

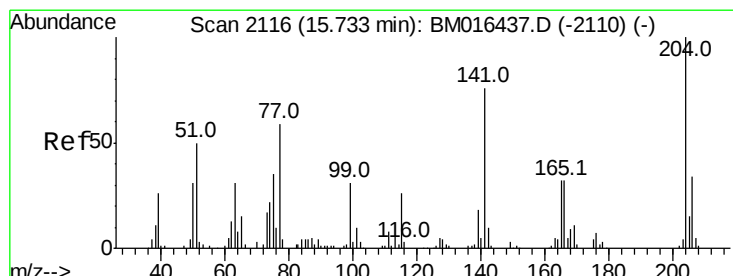
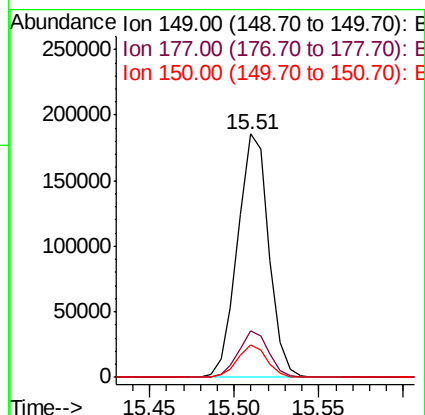
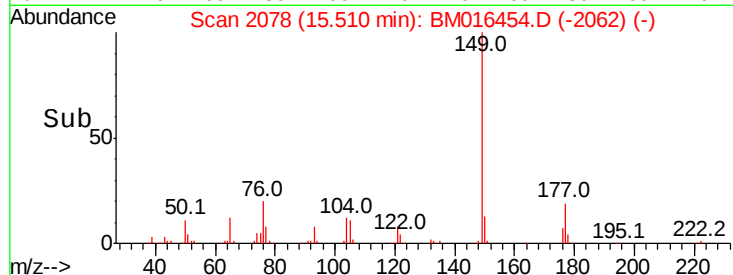
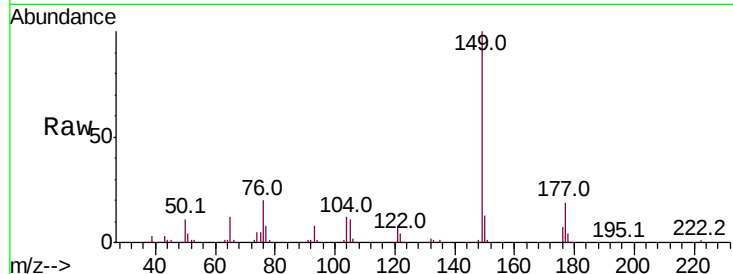




#59
Diethylphthalate
Concen: 54.186 ng
RT: 15.51 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

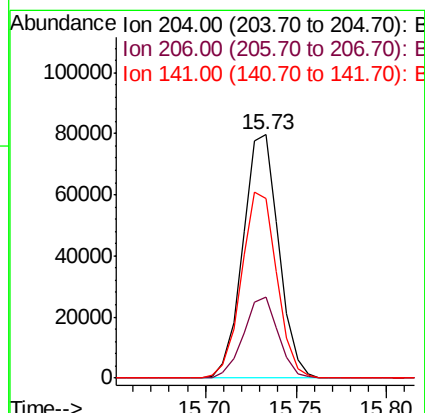
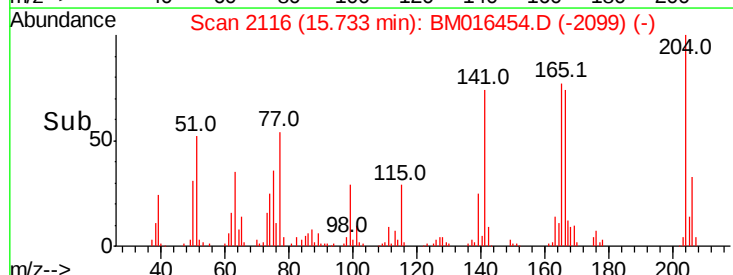
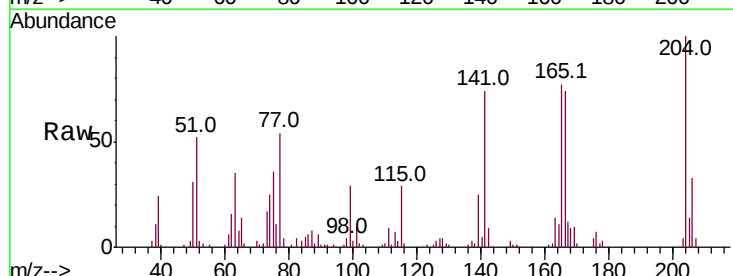
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

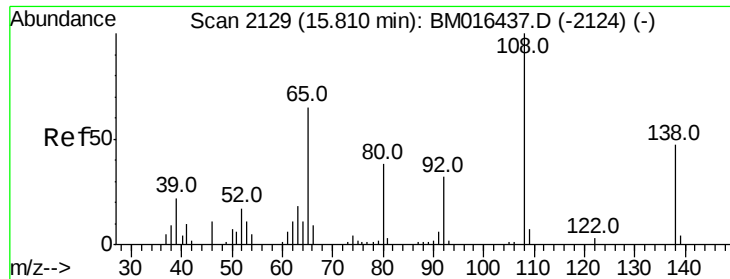
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.2	18.3	27.5
150	13.3	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 49.104 ng
RT: 15.73 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	73.8	45.2	67.8

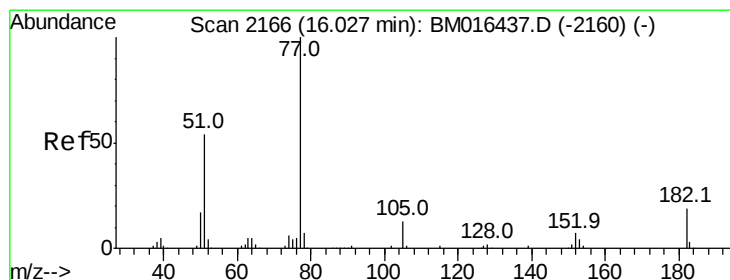
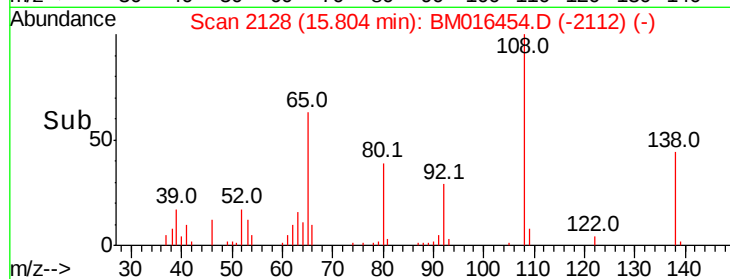
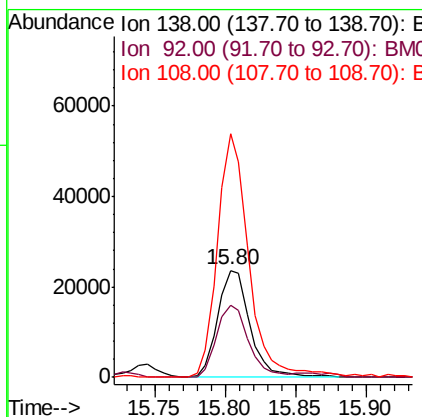
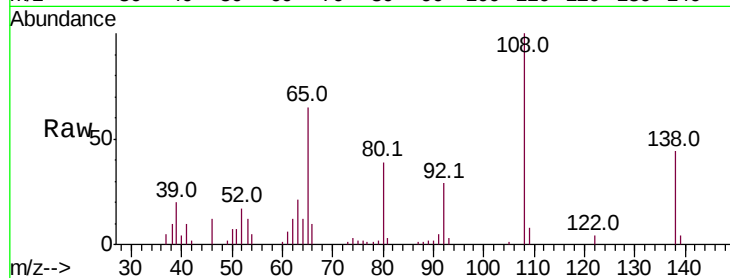




#61
4-Nitroaniline
Concen: 53.712 ng
RT: 15.80 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

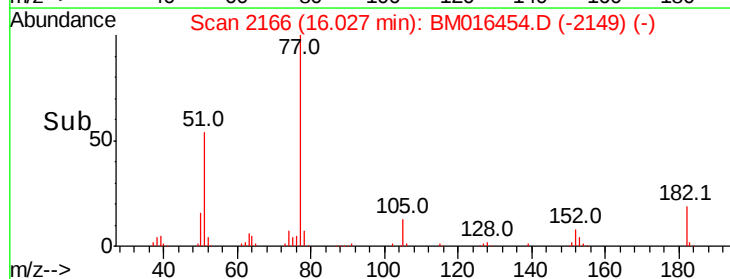
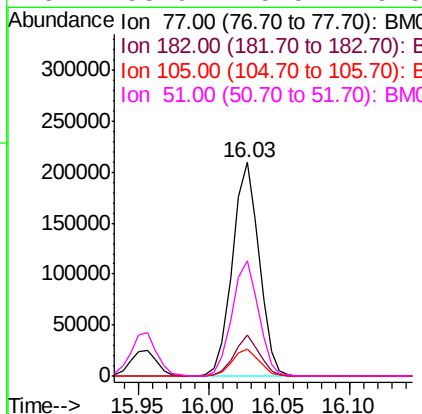
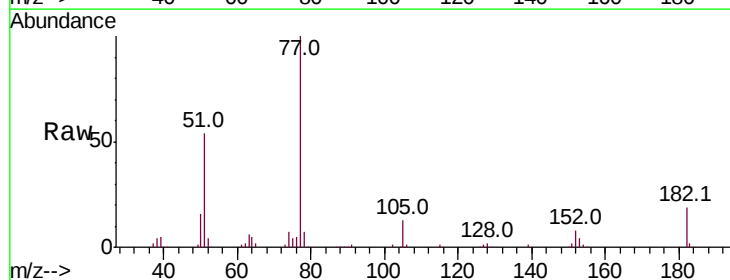
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

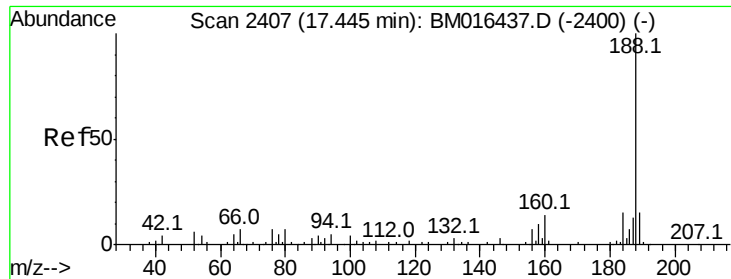
Tot Ion:138 Resp: 37810
Ion Ratio Lower Upper
138 100
92 67.0 16.7 56.7#
108 228.2 37.6 77.6#



#62
Azobenzene
Concen: 54.317 ng
RT: 16.03 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion: 77 Resp: 276732
Ion Ratio Lower Upper
77 100
182 19.3 6.5 46.5
105 12.5 3.8 43.8
51 53.9 5.5 45.5#

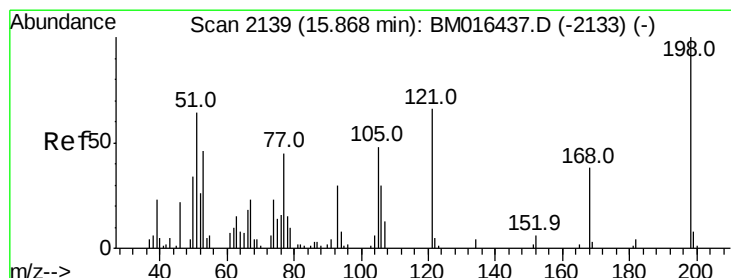
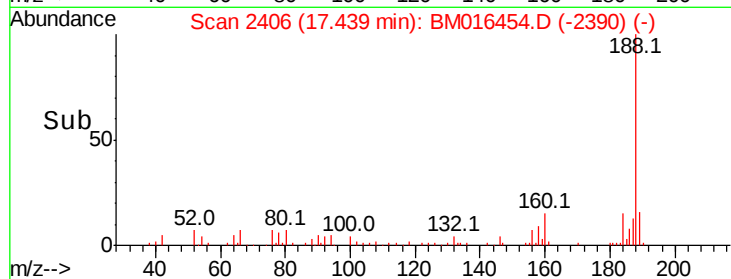
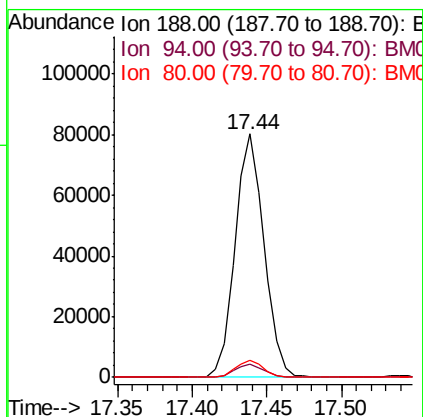
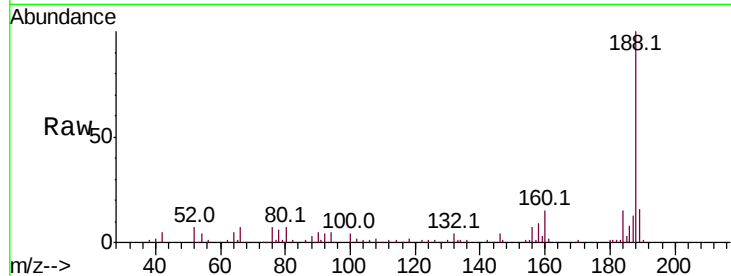




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

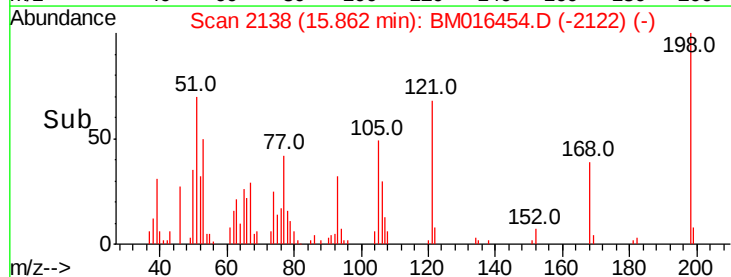
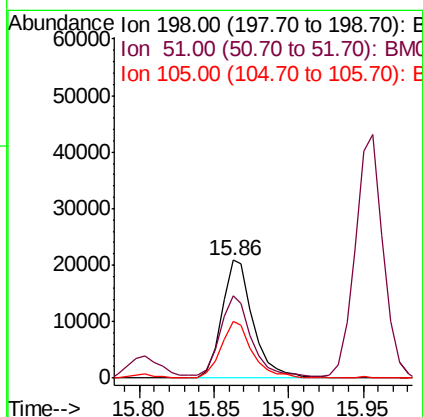
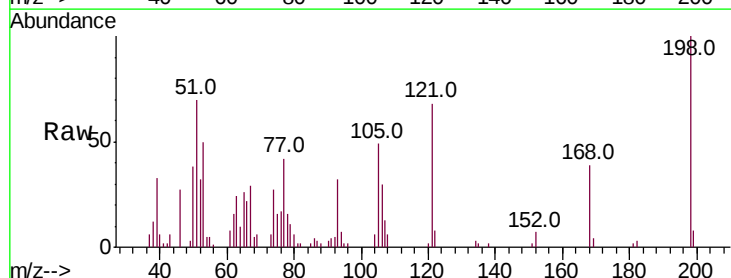
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

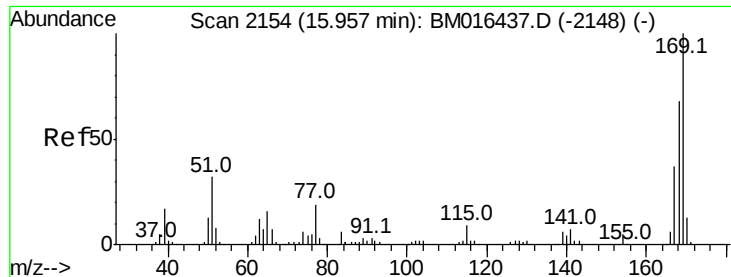
Tot Ion:188 Resp: 108120
 Ion Ratio Lower Upper
 188 100
 94 5.3 8.7 13.1#
 80 7.0 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.685 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:198 Resp: 30675
 Ion Ratio Lower Upper
 198 100
 51 70.4 28.8 68.8#
 105 48.5 30.5 70.5

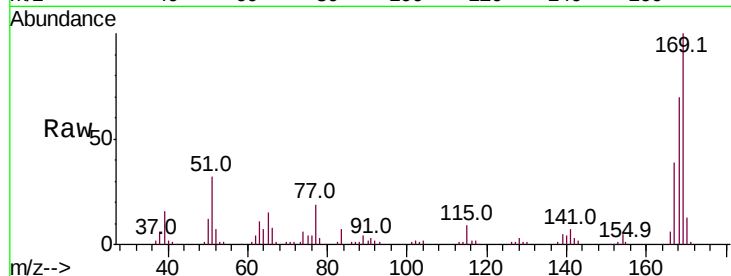




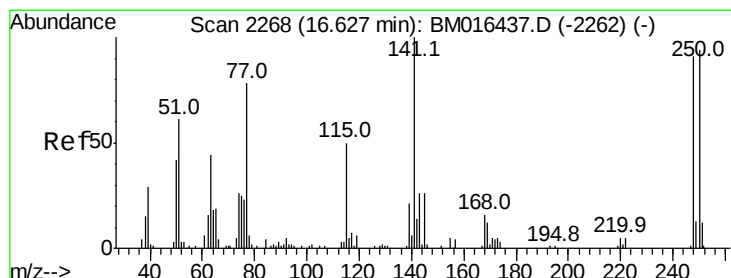
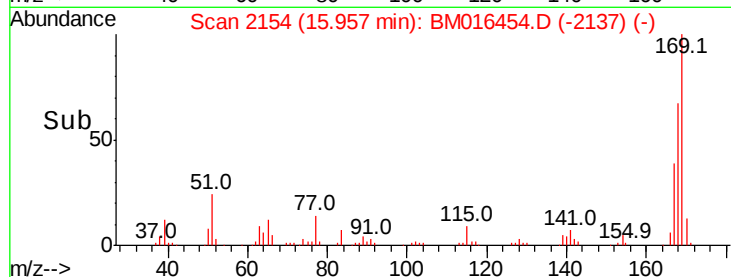
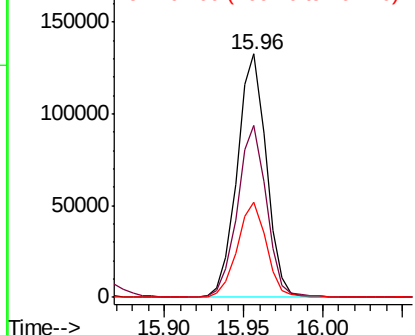
#65
n-Nitrosodiphenylamine
Concen: 46.335 ng
RT: 15.96 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Instrument :
BNA_M
ClientSampleId :
RT2286MSD

Tot Ion:169 Resp: 169524
Ion Ratio Lower Upper
169 100
168 70.4 53.9 80.9
167 38.9 28.9 43.3

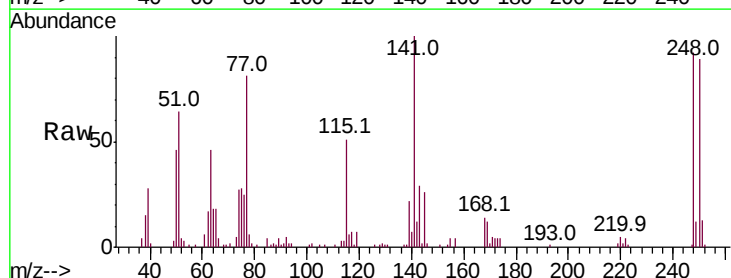


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

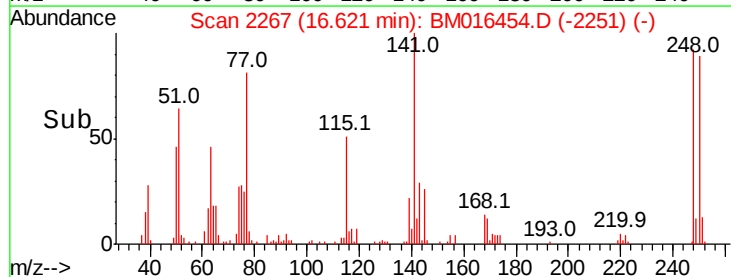
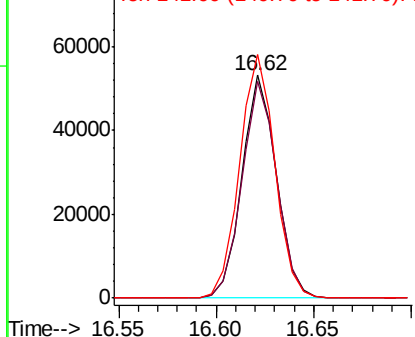


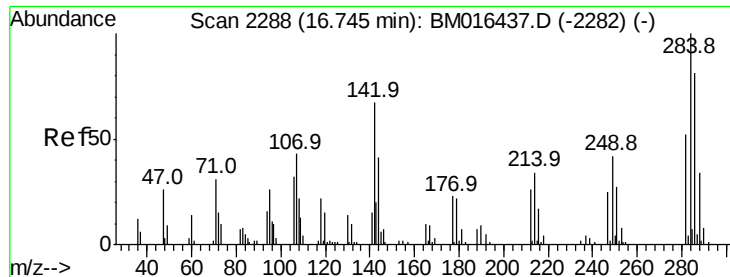
#66
4-Bromophenyl-phenylether
Concen: 44.505 ng
RT: 16.62 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:248 Resp: 64719
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 109.2 45.2 67.8#



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





#67

Hexachlorobenzene

Concen: 44.727 ng

RT: 16.74 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

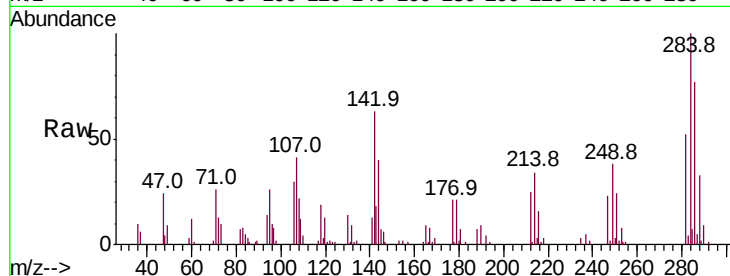
Tot Ion:284 Resp: 63828

Ion Ratio Lower Upper

284 100

142 62.9 20.4 30.6#

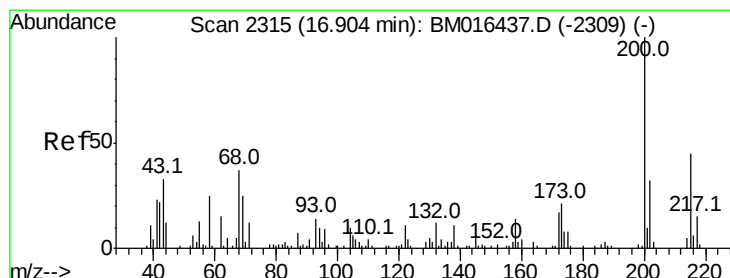
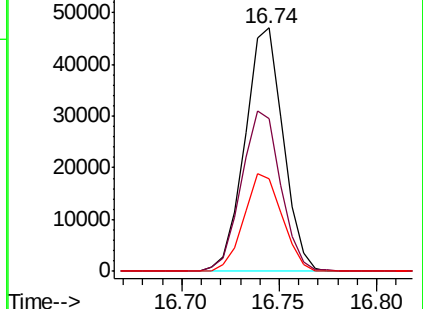
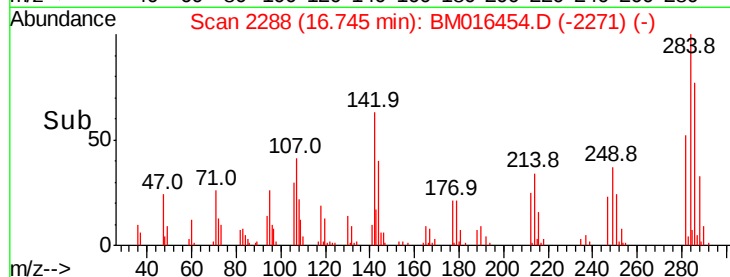
249 37.8 23.8 35.6#



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: 58.362 ng

RT: 16.90 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

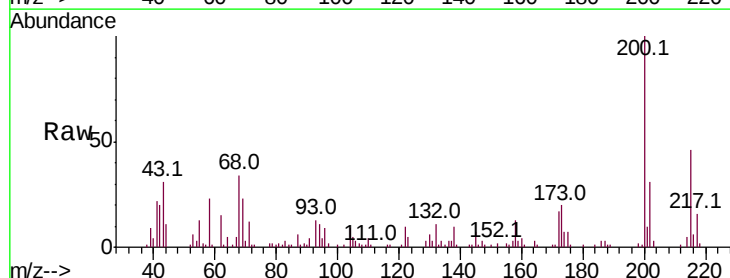
Tgt Ion:200 Resp: 78276

Ion Ratio Lower Upper

200 100

173 19.9 4.8 44.8

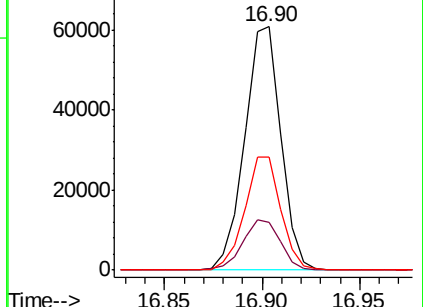
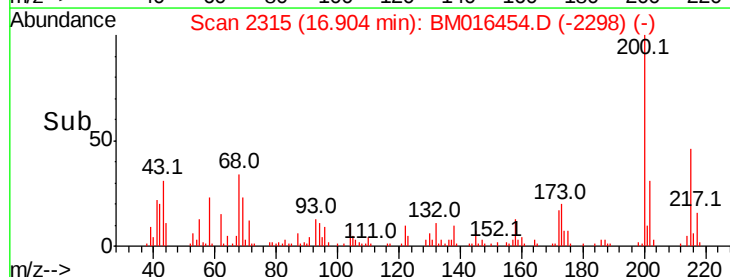
215 46.3 26.9 66.9

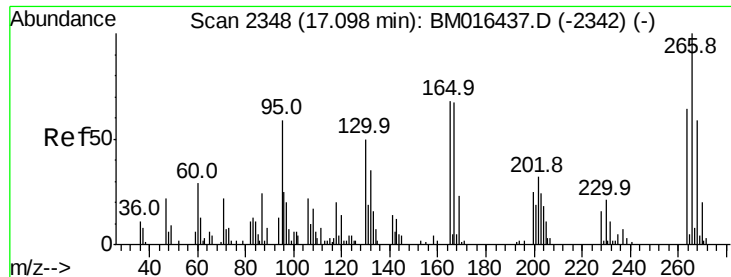


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

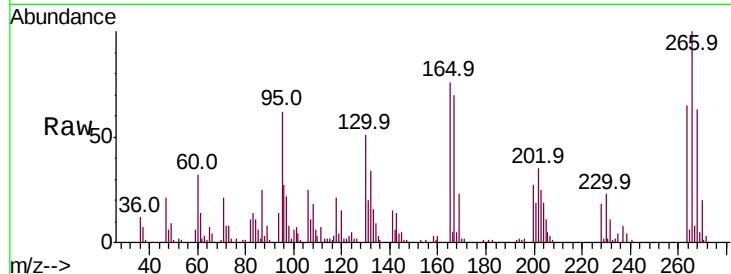




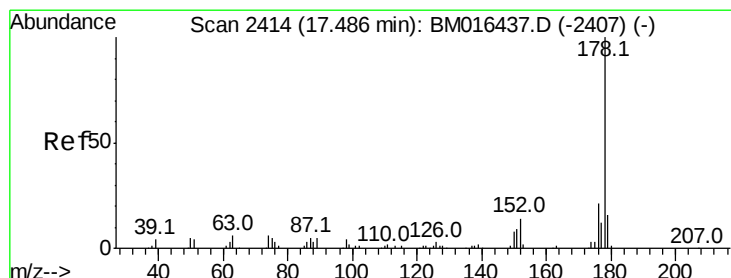
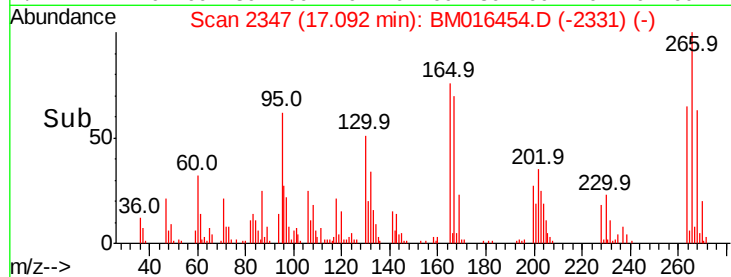
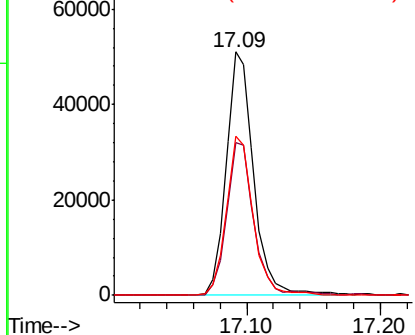
#69
 Pentachlorophenol
 Concen: 89.453 ng
 RT: 17.09 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

Tot Ion:266 Resp: 73093
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 65.4 49.0 73.4

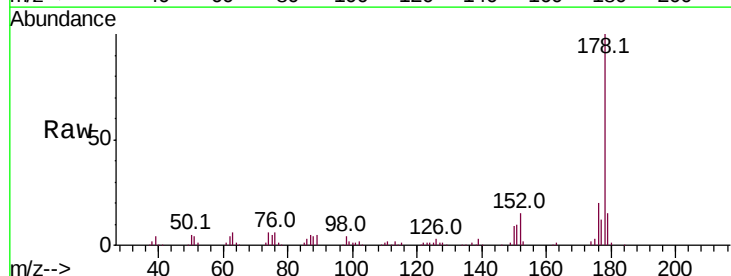


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

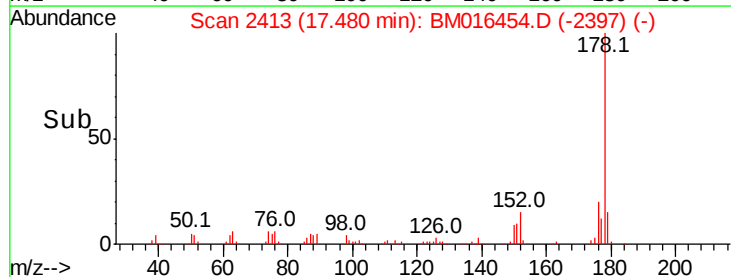
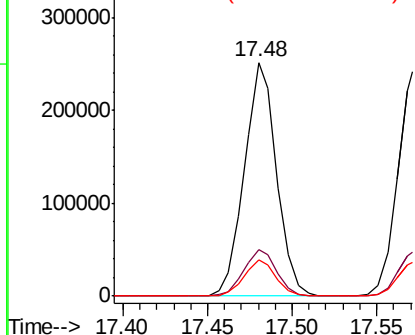


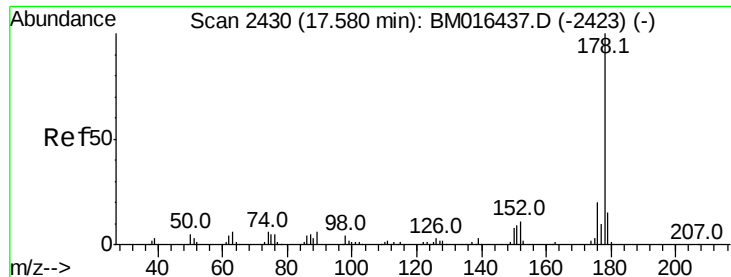
#70
 Phenanthrene
 Concen: 54.313 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:178 Resp: 332710
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.3 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

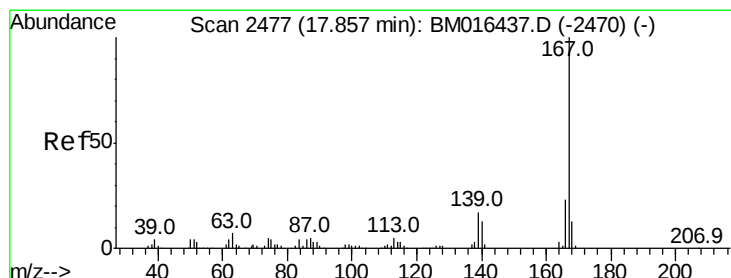
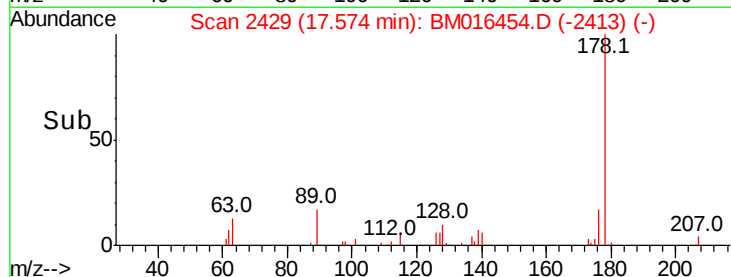
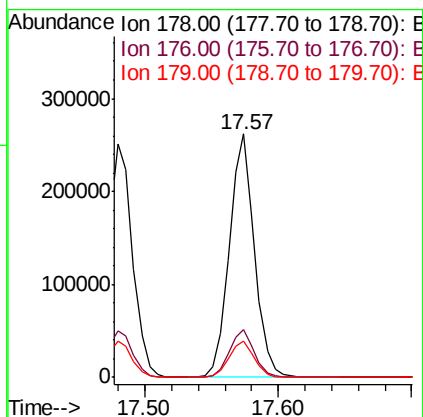
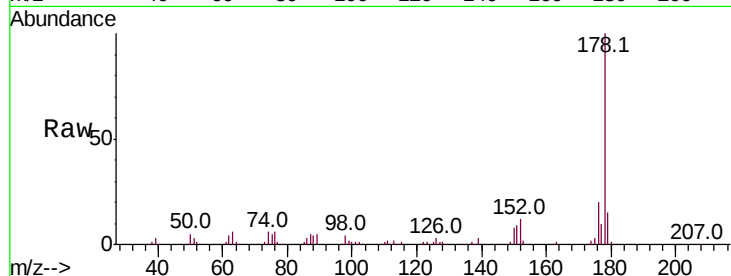




#71
 Anthracene
 Concen: 56.609 ng
 RT: 17.57 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

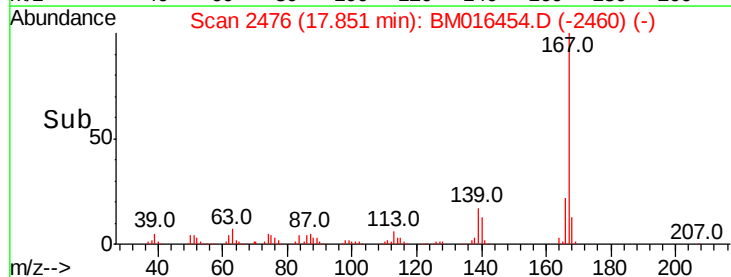
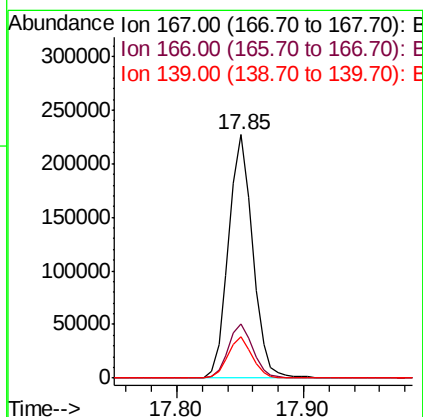
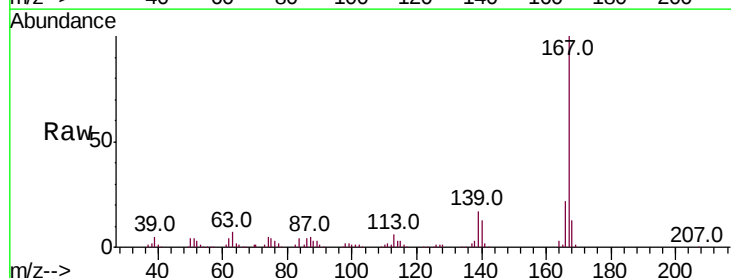
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

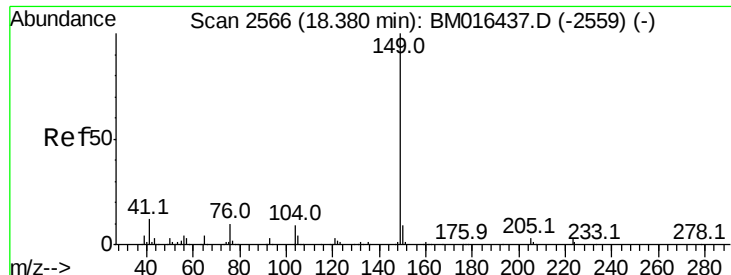
Tot Ion:178 Resp: 344244
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.6 22.0
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 50.989 ng
 RT: 17.85 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion:167 Resp: 300114
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 16.8 10.8 16.2#

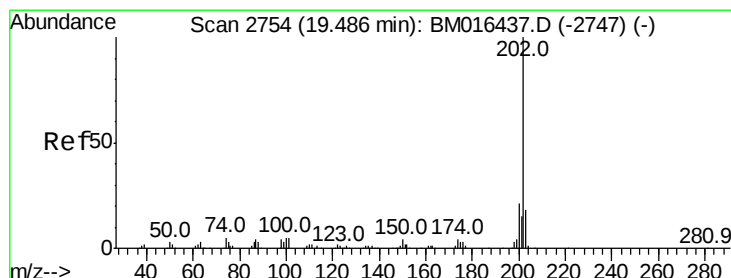
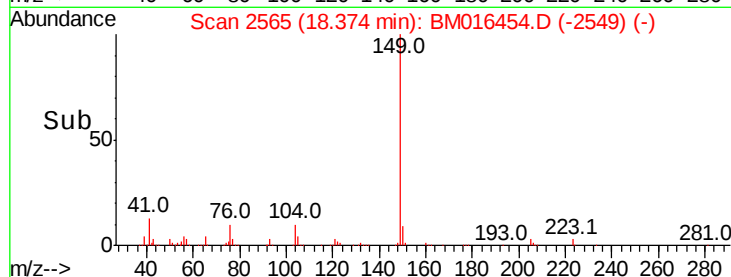
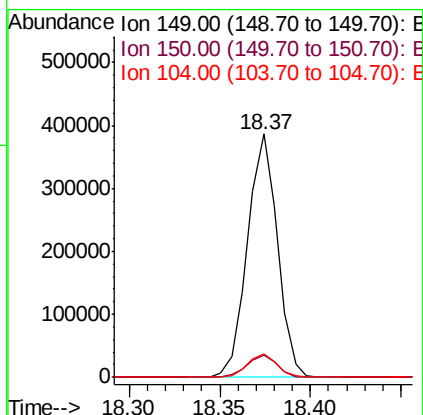
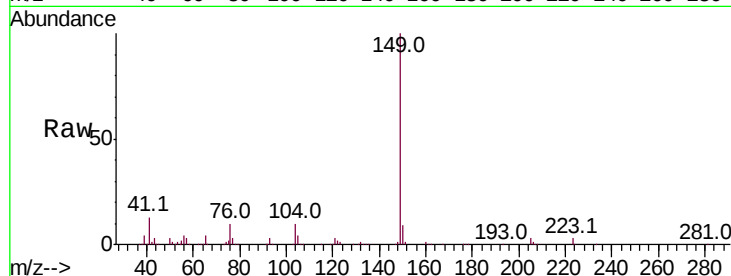




#73
Di-n-butylphthalate
Concen: 52.555 ng
RT: 18.37 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

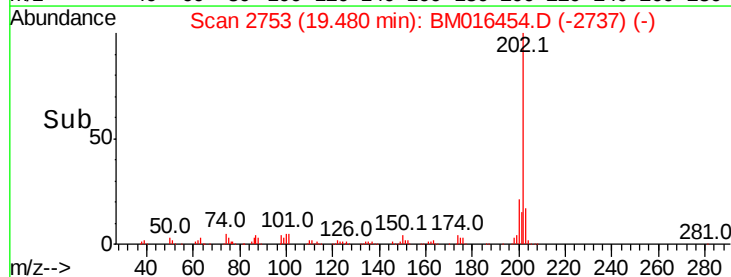
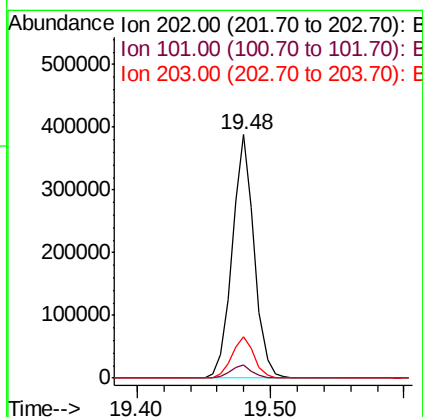
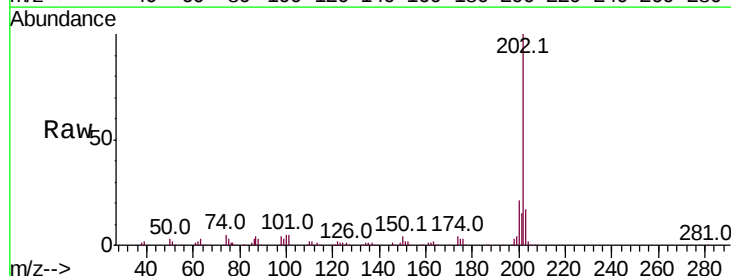
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

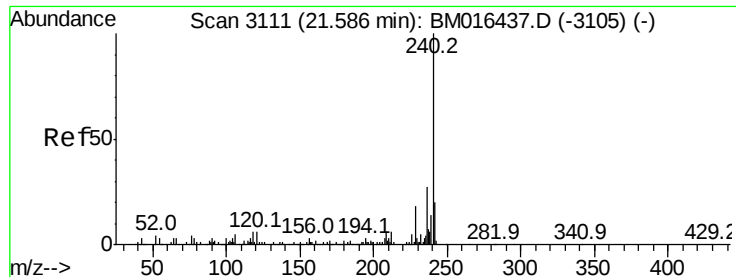
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	9.5	3.7	5.5



#74
Fluoranthene
Concen: 60.200 ng
RT: 19.48 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.7
203	17.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

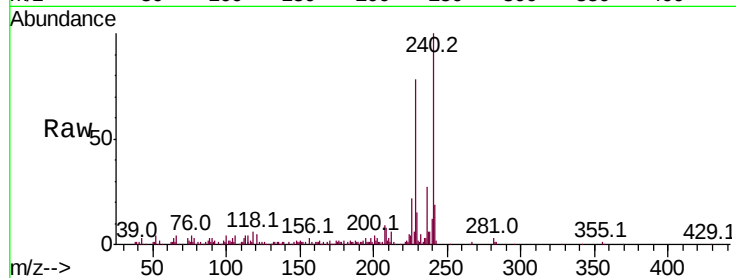
Tot Ion:240 Resp: 161280

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

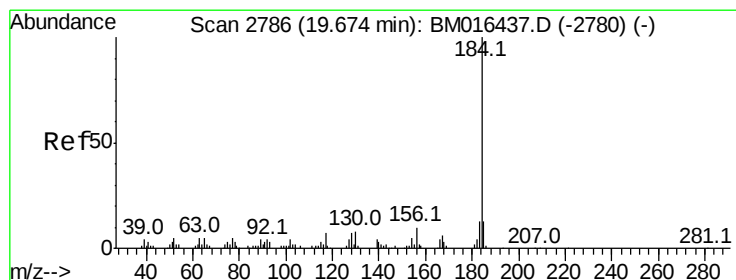
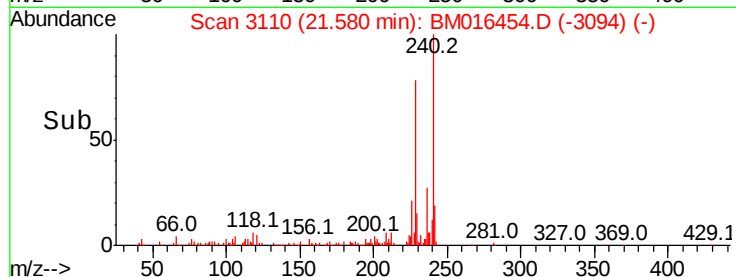
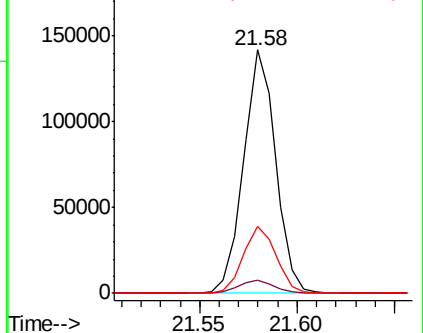
236 27.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 206.619 ng

RT: 19.67 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

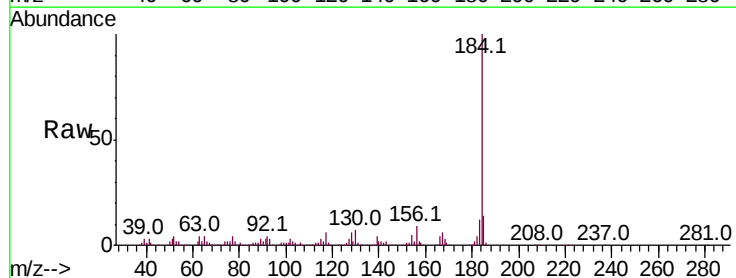
Tgt Ion:184 Resp: 733423

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

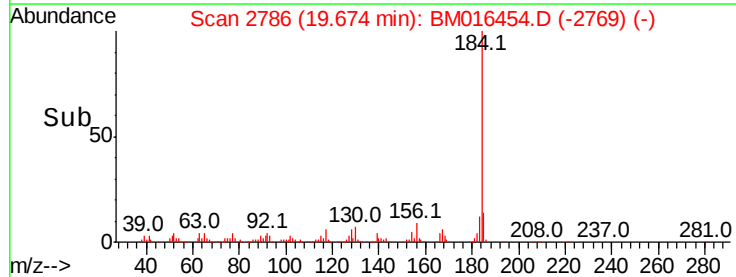
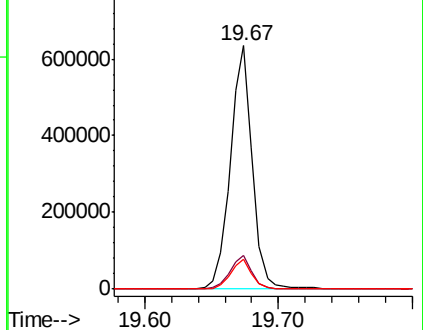
183 12.1 8.9 13.3

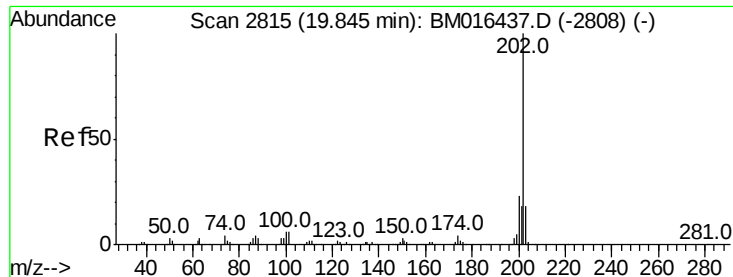


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.545 ng

RT: 19.84 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

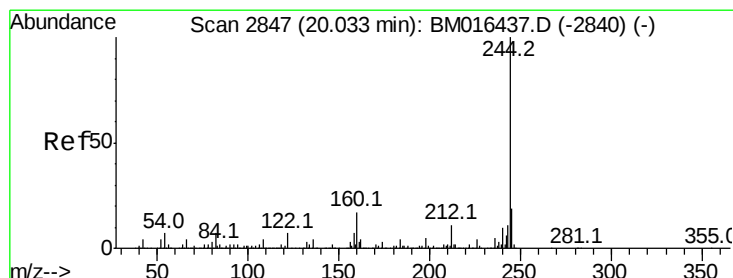
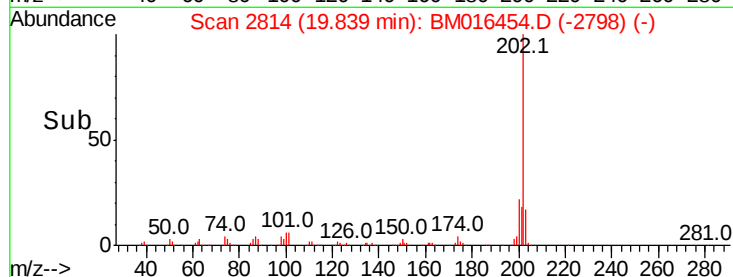
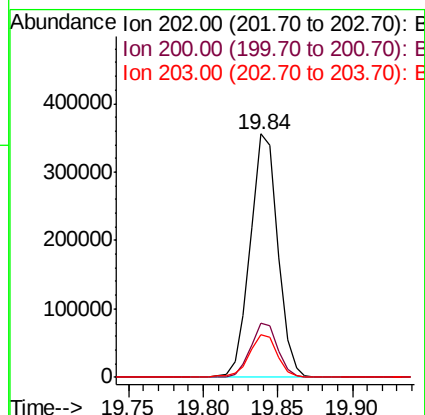
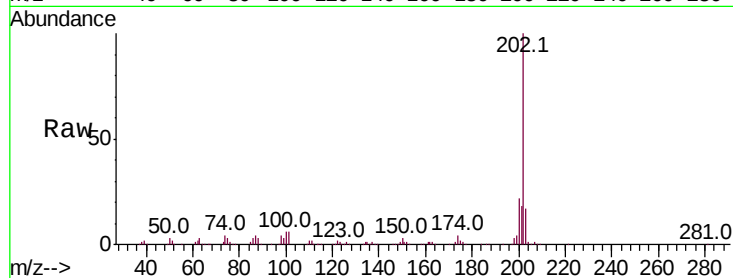
Tot Ion:202 Resp: 452806

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

203 17.4 14.1 21.1



#78

Terphenyl-d14

Concen: 42.545 ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

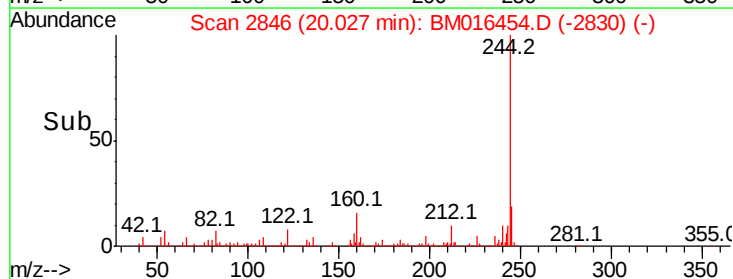
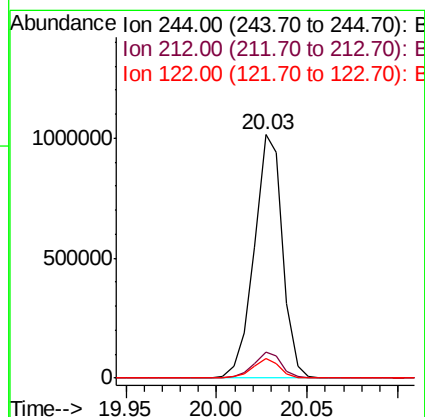
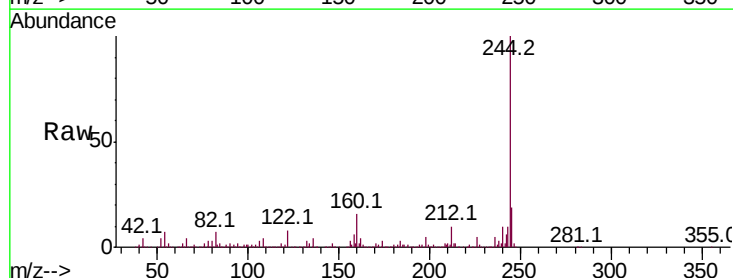
Tgt Ion:244 Resp: 1099880

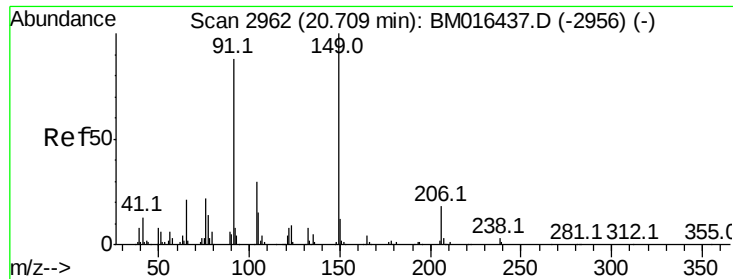
Ion Ratio Lower Upper

244 100

212 10.4 4.9 7.3#

122 8.1 6.2 9.4

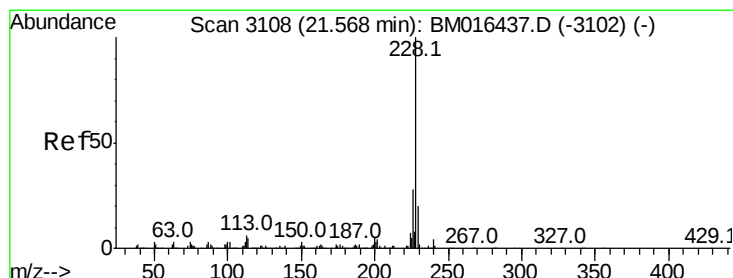
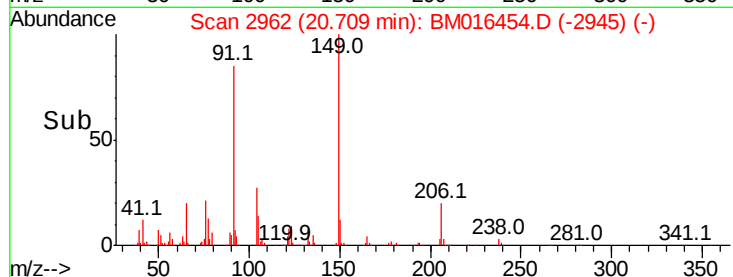
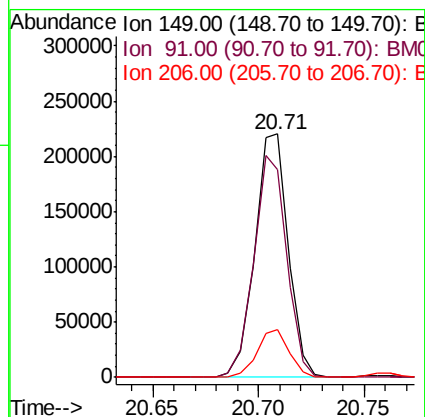
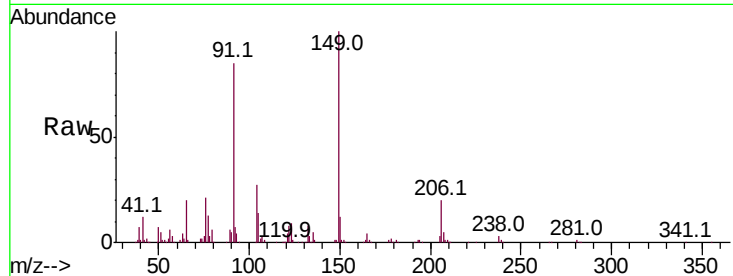




#79
Butylbenzylphthalate
Concen: 48.558 ng
RT: 20.71 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

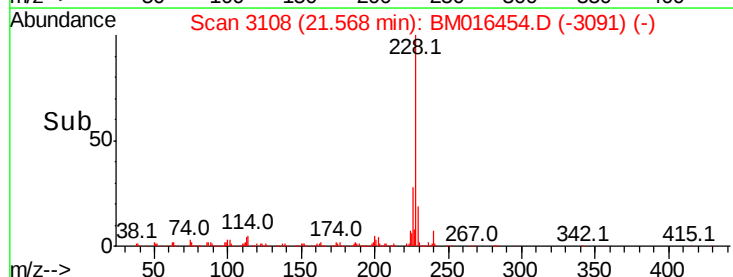
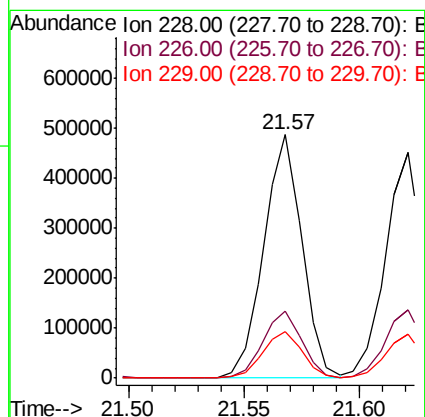
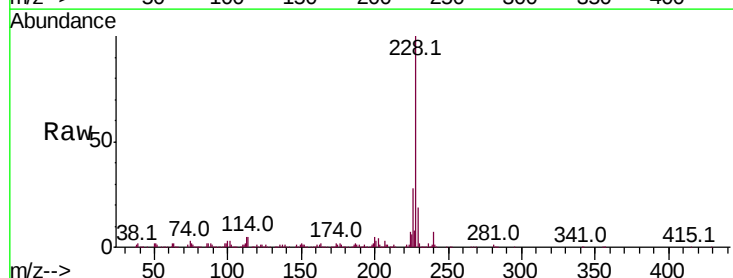
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

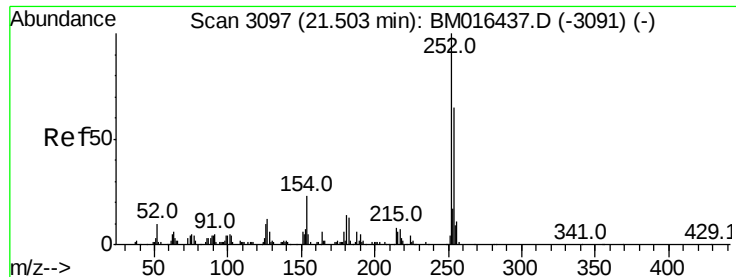
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.4	50.1	75.1#
206	19.5	16.2	24.2



#80
Benzo(a)anthracene
Concen: 53.615 ng
RT: 21.57 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	19.3	16.0	24.0

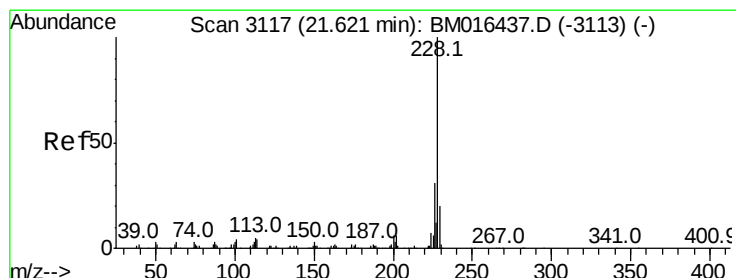
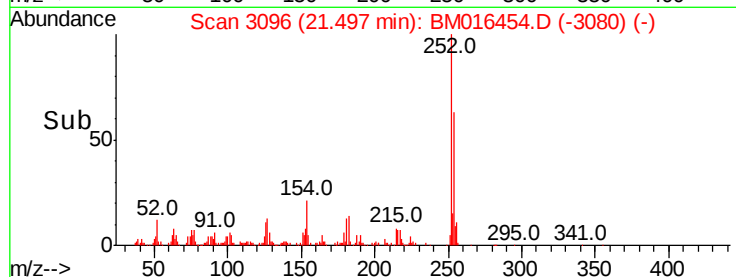
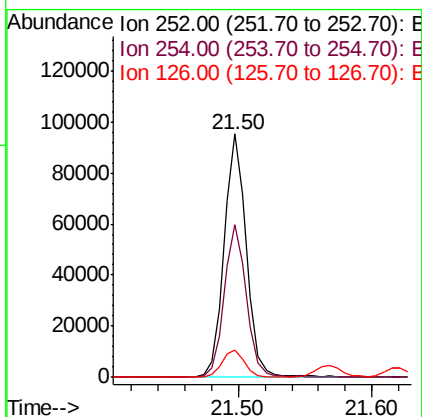
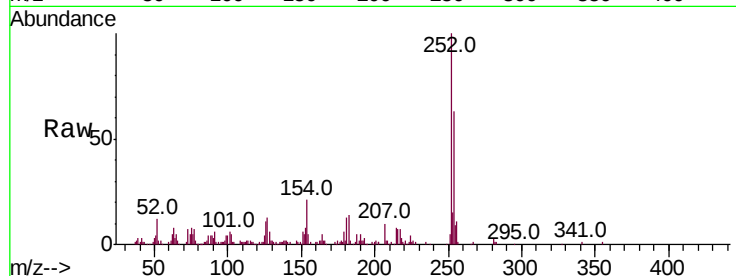




#81
 3,3'-Dichlorobenzidine
 Concen: 30.166 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

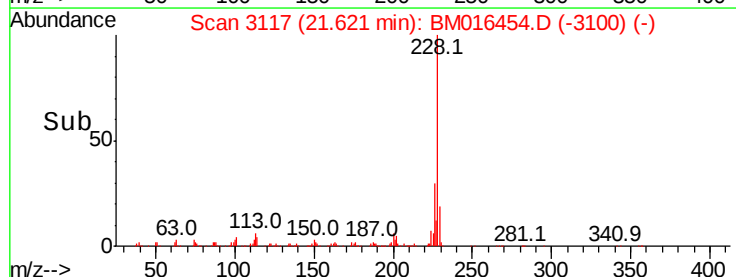
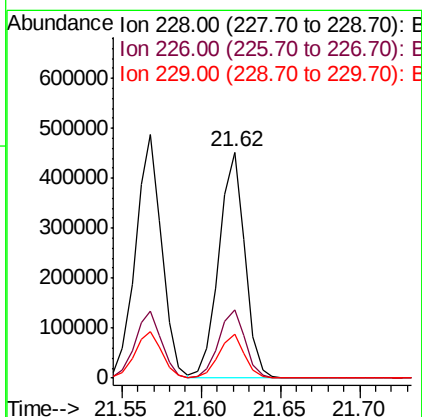
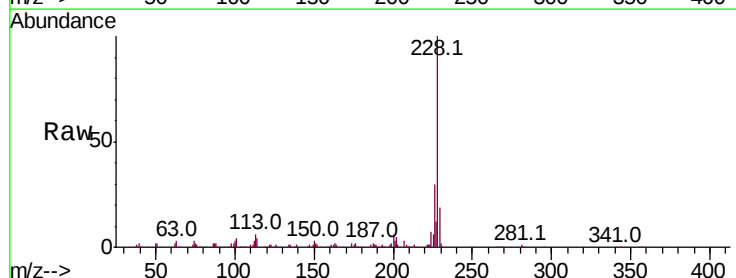
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

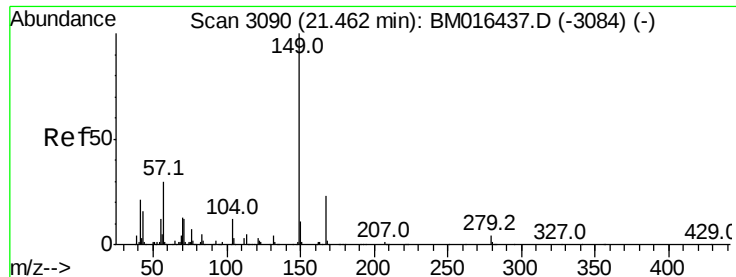
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.9	77.9
126	11.2	9.8	14.8



#82
 Chrysene
 Concen: 52.592 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.176 ng

RT: 21.46 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

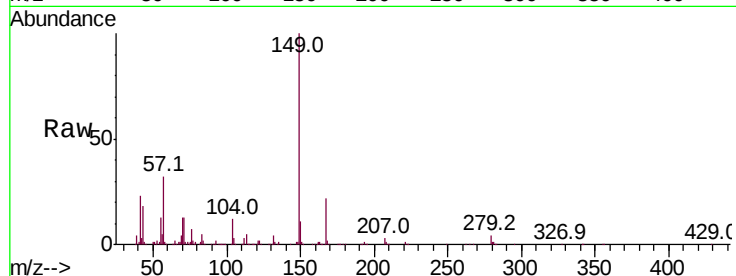
Tot Ion:149 Resp: 371263

Ion Ratio Lower Upper

149 100

167 22.3 22.4 33.6#

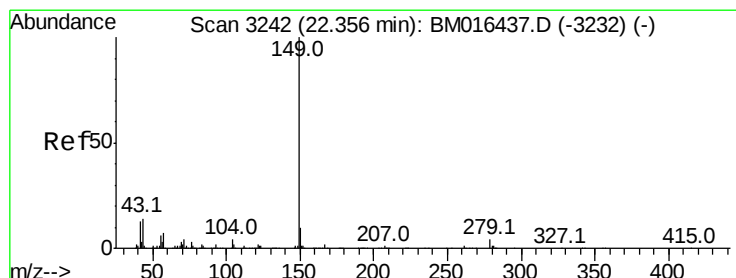
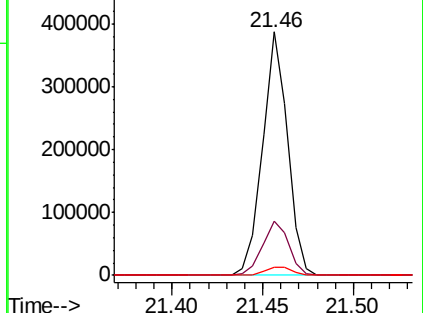
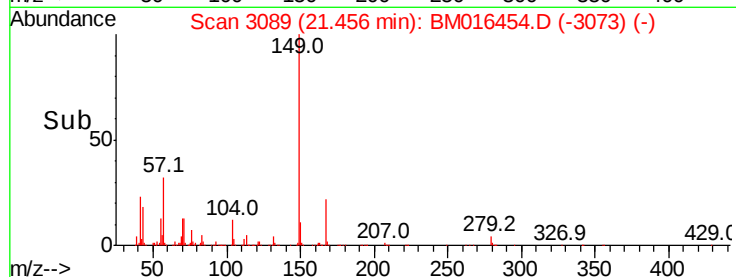
279 3.6 3.4 5.0



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: 62.142 ng

RT: 22.35 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

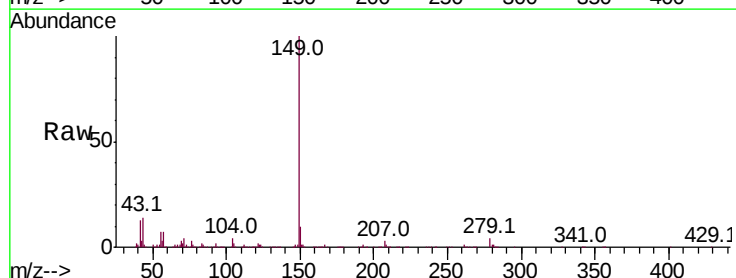
Tgt Ion:149 Resp: 663230

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

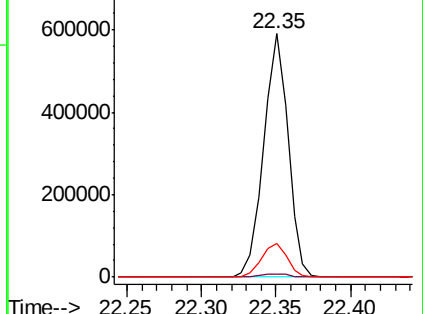
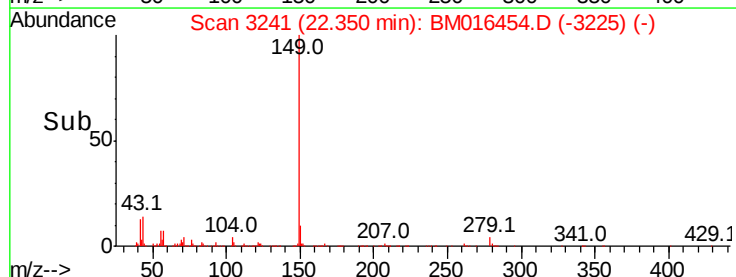
43 14.6 7.3 10.9#

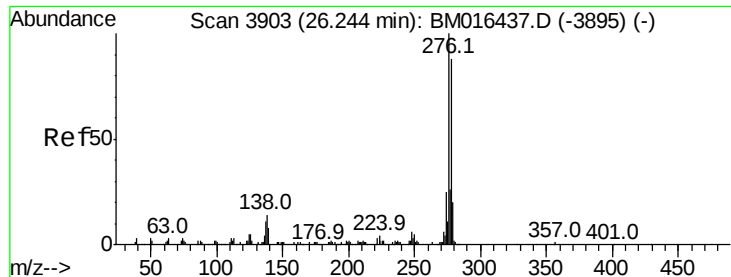


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

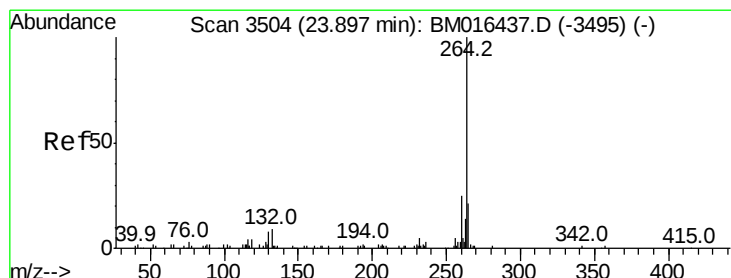
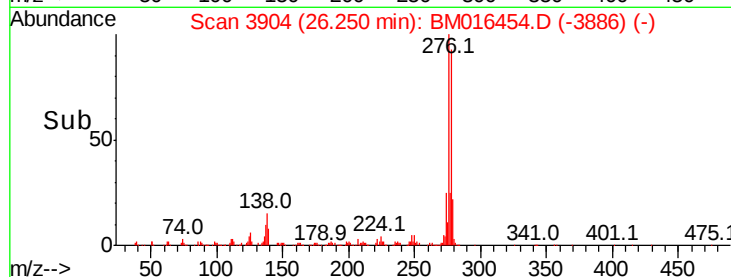
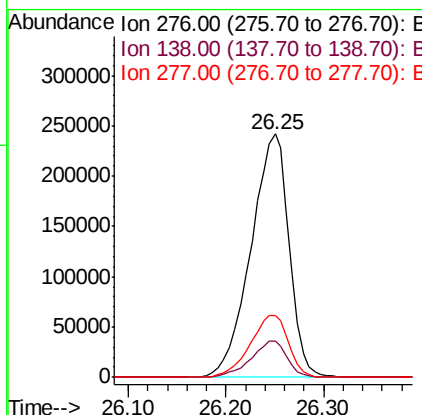
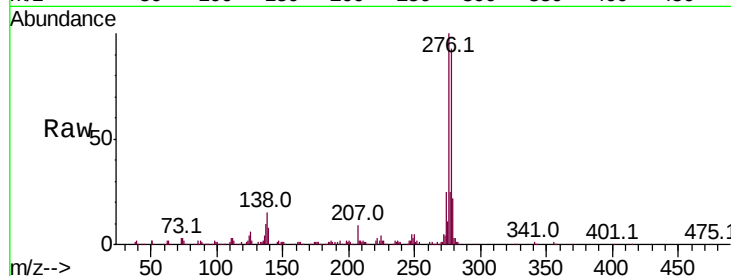




#85
Indeno(1,2,3-cd)pyrene
Concen: 82.305 ng
RT: 26.25 min Scan# 3904
Delta R.T. 0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

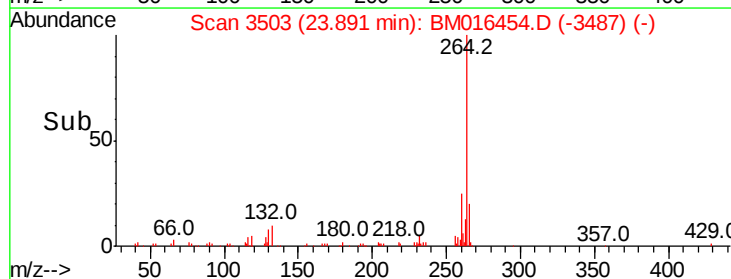
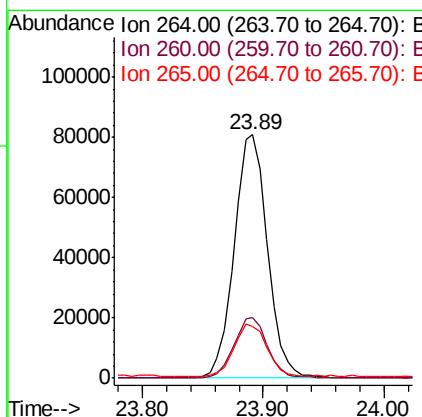
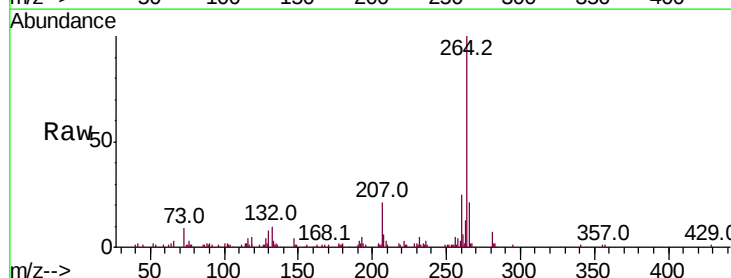
Instrument :
BNA_M
ClientSampleId :
RT2286MSD

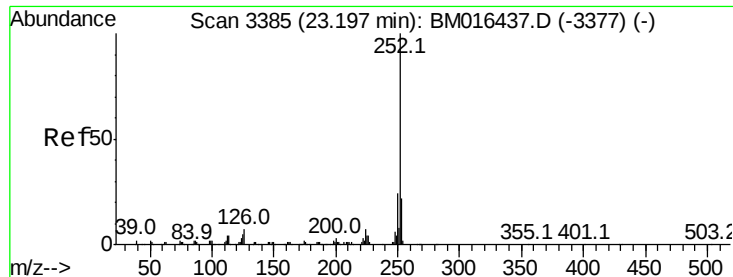
Tot Ion:276 Resp: 660188
Ion Ratio Lower Upper
276 100
138 14.1 12.0 18.0
277 25.7 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM016454.D
Acq: 18 Aug 2018 01:21

Tgt Ion:264 Resp: 155340
Ion Ratio Lower Upper
264 100
260 24.9 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 52.707 ng

RT: 23.20 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

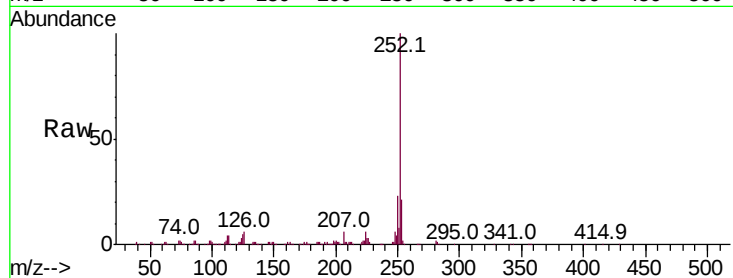
Tot Ion:252 Resp: 542340

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

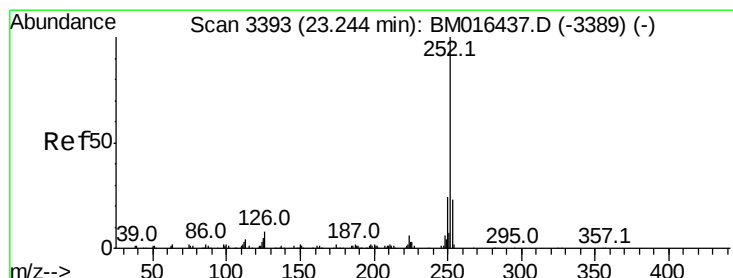
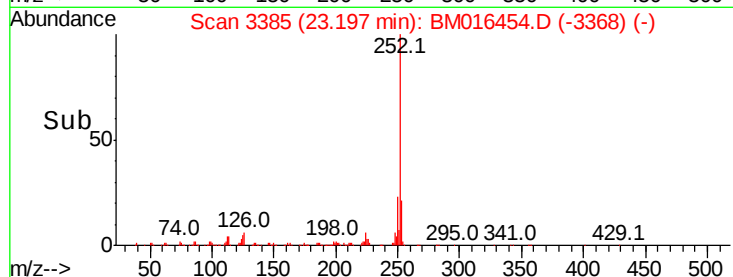
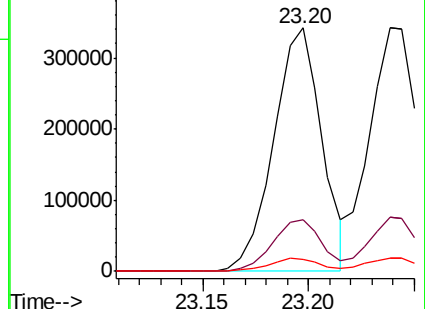
125 5.2 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.390 ng

RT: 23.24 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

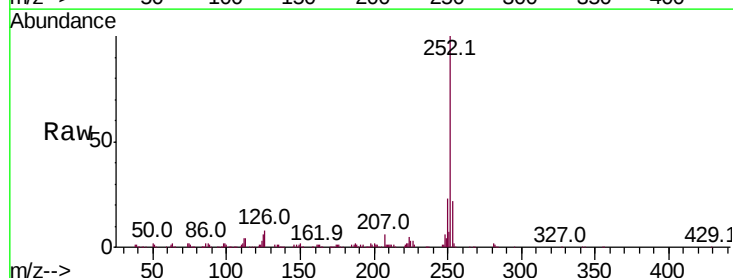
Tgt Ion:252 Resp: 549019

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

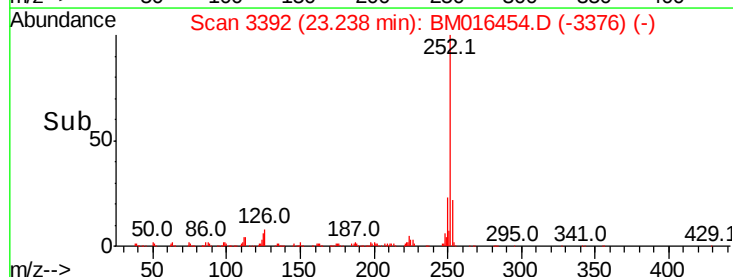
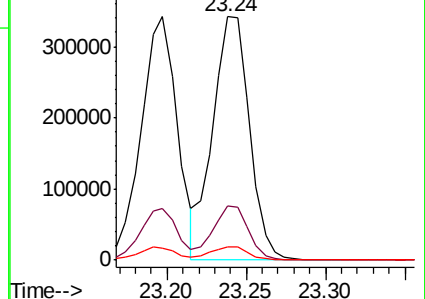
125 5.6 8.1 12.1#

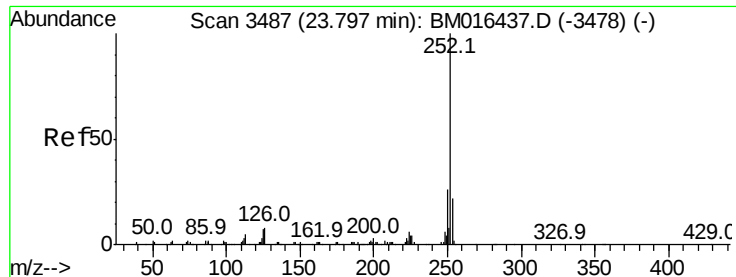


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 56.775 ng

RT: 23.79 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

Instrument :

BNA_M

ClientSampleId :

RT2286MSD

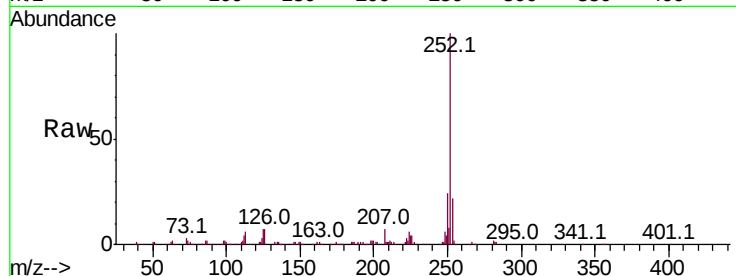
Tot Ion:252 Resp: 528806

Ion Ratio Lower Upper

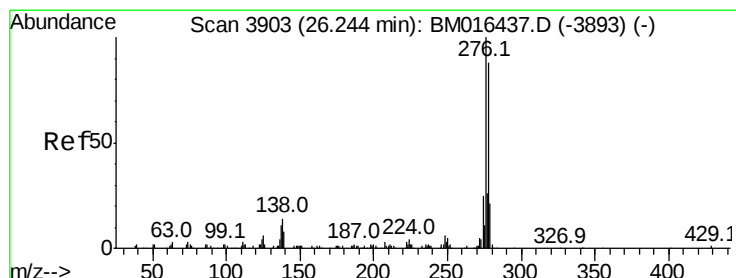
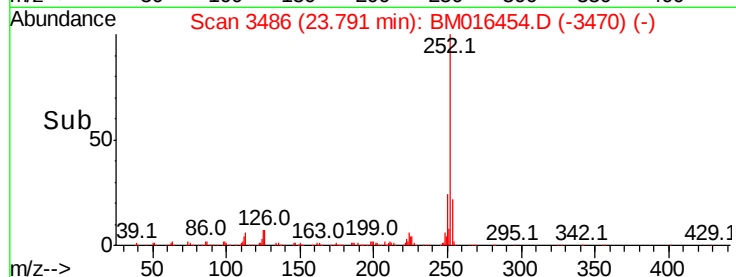
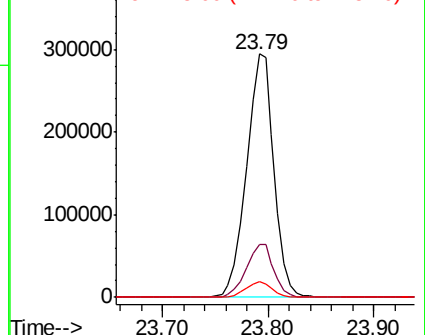
252 100

253 21.8 17.6 26.4

125 6.6 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 67.527 ng

RT: 26.24 min Scan# 3903

Delta R.T. -0.00 min

Lab File: BM016454.D

Acq: 18 Aug 2018 01:21

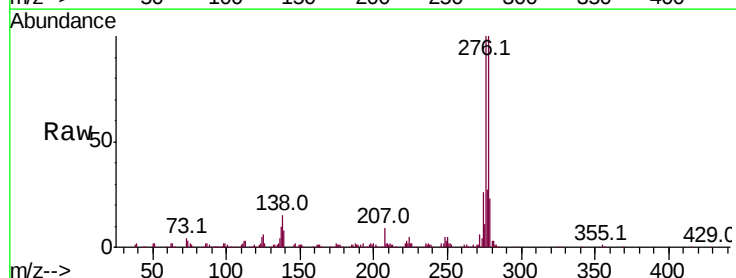
Tgt Ion:278 Resp: 564010

Ion Ratio Lower Upper

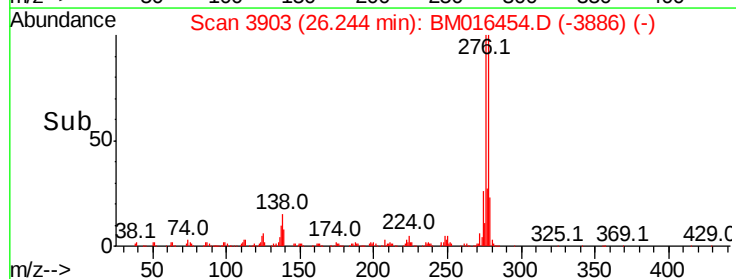
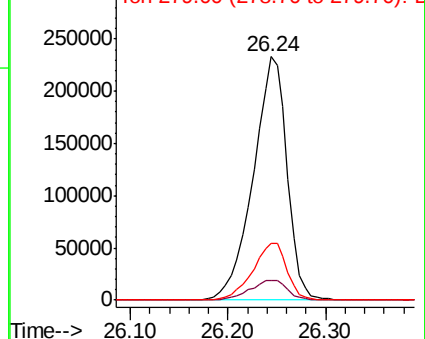
278 100

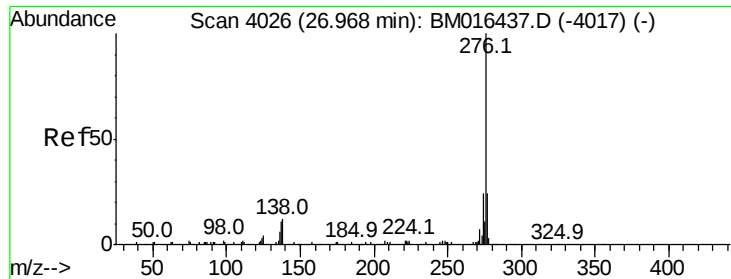
139 8.3 13.4 20.0#

279 23.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 63.941 ng
 RT: 26.97 min Scan# 4027
 Delta R.T. 0.01 min
 Lab File: BM016454.D
 Acq: 18 Aug 2018 01:21

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	10.9	19.0	28.6

