

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016544.D
 Acq On : 23 Aug 2018 07:51
 Operator : SJ/JU
 Sample : PB112126BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:42:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	373175	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	1400347	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	1133908	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	3544614	20.00	ng	0.00
75) Chrysene-d12	21.54	240	4409166	20.00	ng	0.00
86) Perylene-d12	23.83	264	4145555	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1327640	69.72	ng	0.00
7) Phenol-d6	7.20	99	1632150	64.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	1349549	44.00	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2414938	76.19	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5535529	46.93	ng	0.00
78) Terphenyl-d14	19.99	244	10511528	50.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	159936	15.202	ng	# 100
3) Pyridine	3.81	79	335793	15.341	ng	# 80
4) n-Nitrosodimethylamine	3.73	42	204576	20.979	ng	# 77
6) Aniline	7.35	93	368625	13.072	ng	# 88
8) 2-Chlorophenol	7.57	128	454077	20.039	ng	# 95
9) Benzaldehyde	7.16	77	286544	16.385	ng	# 79
10) Phenol	7.22	94	489596	19.646	ng	# 96
11) bis(2-Chloroethyl)ether	7.45	93	321759	17.217	ng	# 98
12) 1,3-Dichlorobenzene	7.90	146	529903	17.638	ng	# 89
13) 1,4-Dichlorobenzene	8.05	146	550625	17.859	ng	# 98
14) 1,2-Dichlorobenzene	8.36	146	550096	18.160	ng	# 94
15) Benzyl Alcohol	8.27	79	408576	17.459	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.54	45	207573	16.131	ng	# 44
17) 2-Methylphenol	8.47	107	352692	19.543	ng	# 77
18) Hexachloroethane	9.07	117	269262	18.957	ng	# 41
19) n-Nitroso-di-n-propylamine	8.83	70	352858	17.860	ng	# 85
20) 3+4-Methylphenols	8.81	107	468634	18.781	ng	# 82
22) Acetophenone	8.86	105	679811	20.160	ng	# 95
24) Nitrobenzene	9.25	77	586593	19.142	ng	# 92
25) Isophorone	9.76	82	939381	22.917	ng	# 95
26) 2-Nitrophenol	9.95	139	258374	19.723	ng	# 51
27) 2,4-Dimethylphenol	10.00	122	416578	24.401	ng	# 79
28) bis(2-Chloroethoxy)methane	10.24	93	514980	21.047	ng	# 95
29) 2,4-Dichlorophenol	10.48	162	634906	24.848	ng	# 92
30) 1,2,4-Trichlorobenzene	10.68	180	934276	24.097	ng	# 95
31) Naphthalene	10.87	128	1414851	21.206	ng	# 98
32) Benzoic acid	10.23	122	253626	17.756	ng	# 72
33) 4-Chloroaniline	11.01	127	196563	7.001	ng	# 89
34) Hexachlorobutadiene	11.12	225	881795	23.829	ng	# 97
35) Caprolactam	11.83	113	86526	14.113	ng	# 62
36) 4-Chloro-3-methylphenol	12.13	107	505866	20.594	ng	# 94
37) 2-Methylnaphthalene	12.47	142	1239451	23.730	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1386874	21.656	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1784981	65.993	ng	# 99

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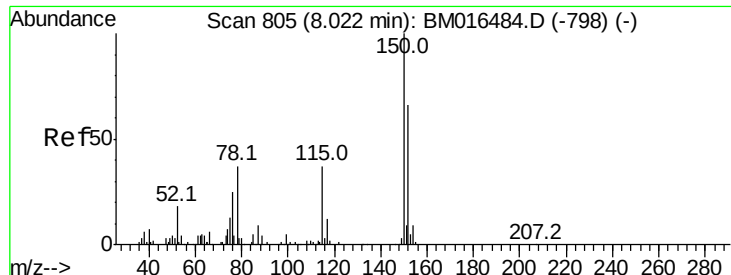
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:42:03 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	13.10	196	857398	22.389	nq	100
43) 2,4,5-Trichlorophenol	13.10	196	723165	19.332	nq	96
45) 1,1'-Biphenyl	13.49	154	1830777	18.413	nq	98
46) 2-Chloronaphthalene	13.54	162	1538492	19.046	nq	99
47) 2-Nitroaniline	13.77	65	343086	15.946	nq	88
48) Acenaphthylene	14.38	152	2290182	20.085	nq	99
49) Dimethylphthalate	14.12	163	2157566	19.805	nq	# 97
50) 2,6-Dinitrotoluene	14.26	165	427954	20.141	nq	# 88
51) Acenaphthene	14.72	154	1330366	18.992	nq	97
52) 3-Nitroaniline	14.60	138	164243	8.495	nq	# 90
53) 2,4-Dinitrophenol	14.83	184	416960	39.212	nq	# 68
54) Dibenzofuran	15.06	168	2785146	20.769	nq	95
55) 4-Nitrophenol	14.92	139	425939	34.541	nq	# 80
56) 2,4-Dinitrotoluene	15.06	165	692470	19.544	nq	# 95
57) Fluorene	15.70	166	2218341	21.898	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	818262	22.759	nq	# 100
59) Diethylphthalate	15.47	149	2028265	17.856	nq	# 93
60) 4-Chlorophenyl-phenylether	15.69	204	1769761	20.832	nq	# 85
61) 4-Nitroaniline	15.77	138	279075	14.770	nq	# 1
62) Azobenzene	15.99	77	2168485	17.924	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	417828	15.514	nq	# 57
65) n-Nitrosodiphenylamine	15.92	169	1910895	19.163	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	1098628	20.172	nq	99
67) Hexachlorobenzene	16.70	284	1242126	19.556	nq	97
68) Atrazine	16.86	200	1034382	22.730	nq	89
69) Pentachlorophenol	17.06	266	1118535	33.283	nq	98
70) Phenanthrene	17.44	178	3793427	20.706	nq	99
71) Anthracene	17.53	178	3866607	21.254	nq	99
72) Carbazole	17.81	167	2732110	16.711	nq	97
73) Di-n-butylphthalate	18.33	149	3399172	17.054	nq	# 97
74) Fluoranthene	19.44	202	5363383	19.966	nq	94
76) Benzidine	19.63	184	2156394	25.431	nq	98
77) Pyrene	19.80	202	5410026	22.577	nq	99
79) Butylbenzylphthalate	20.67	149	1529140	18.488	nq	# 81
80) Benzo(a)anthracene	21.53	228	5661249	21.839	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	1151069	9.976	nq	# 97
82) Chrysene	21.58	228	4996383	20.201	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2200374	17.895	nq	# 97
84) Di-n-octyl phthalate	22.30	149	3585210	17.546	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6211184	17.462	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	5443740	22.780	nq	# 91
88) Benzo(k)fluoranthene	23.18	252	5378069	22.118	nq	# 93
89) Benzo(a)pyrene	23.73	252	5097913	21.924	nq	# 95
90) Dibenzo(a,h)anthracene	26.14	278	5212568	20.003	nq	# 88
91) Benzo(g,h,i)perylene	26.86	276	4678526	20.001	nq	# 79

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

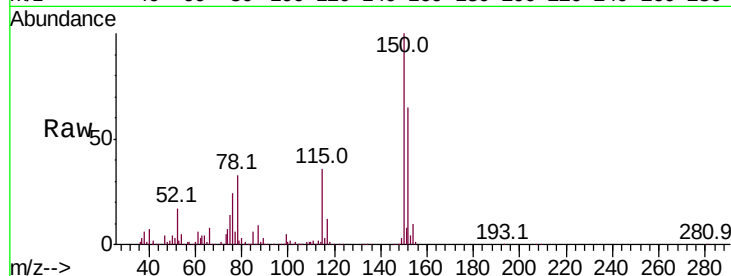


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	55.8	43.0	64.4

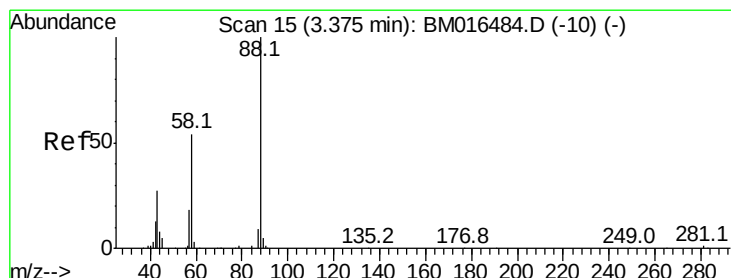
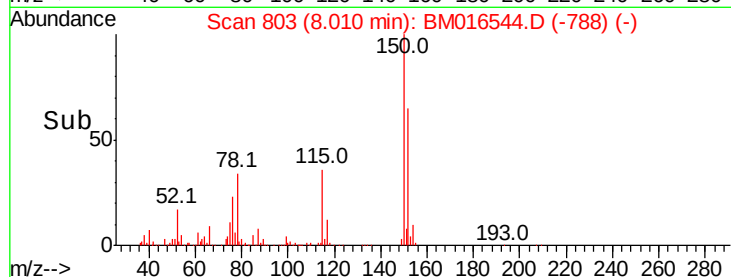
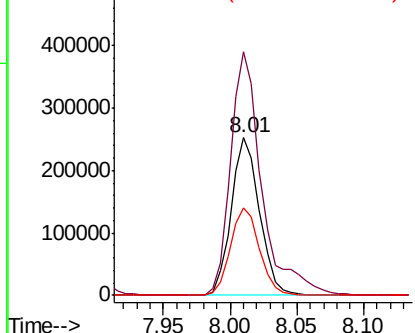


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

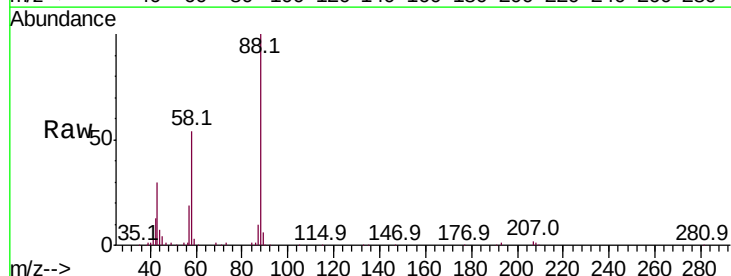
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.202 ng
RT: 3.38 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	0.0	0.0#
43	28.0	0.0	0.0#

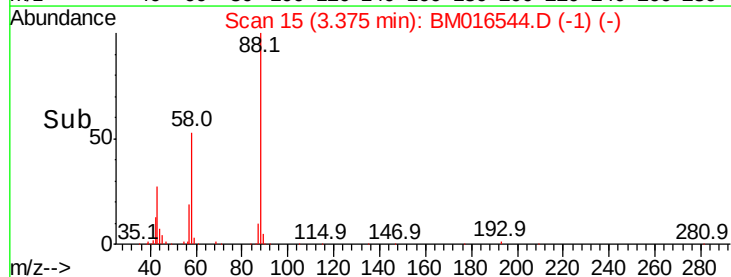
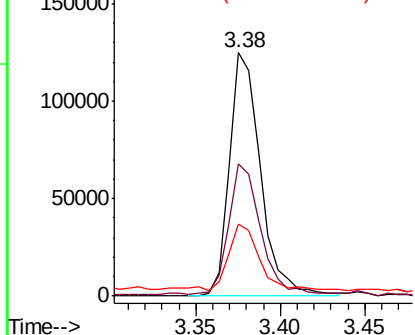


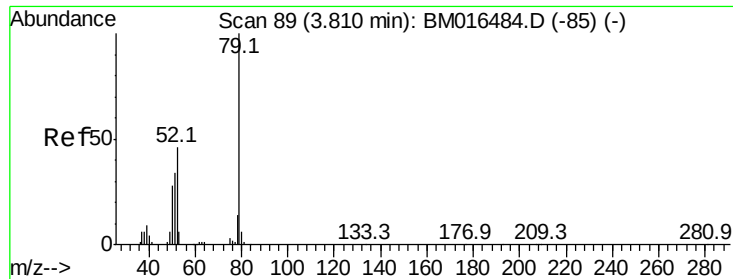
Abundance

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

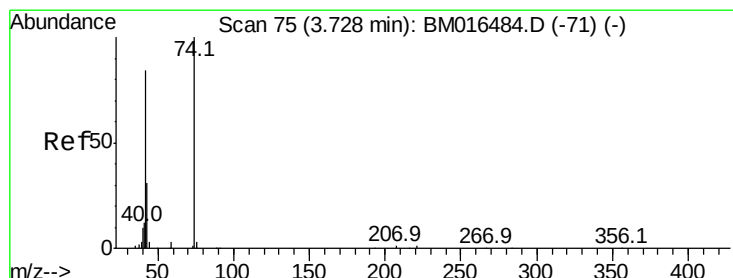
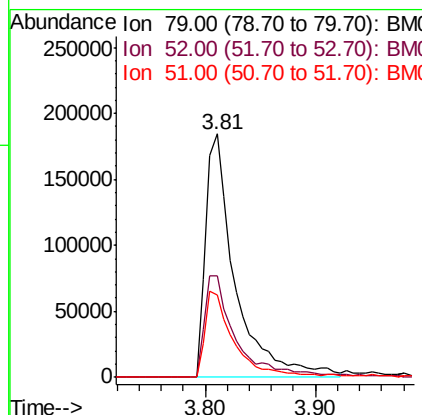
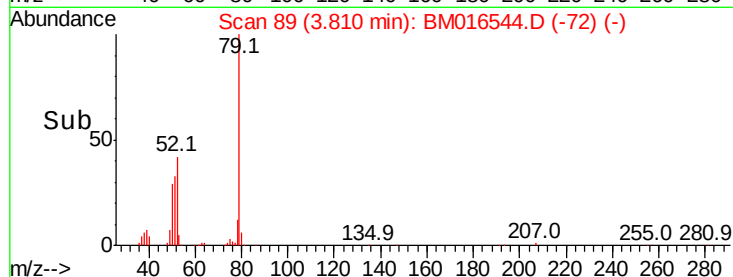
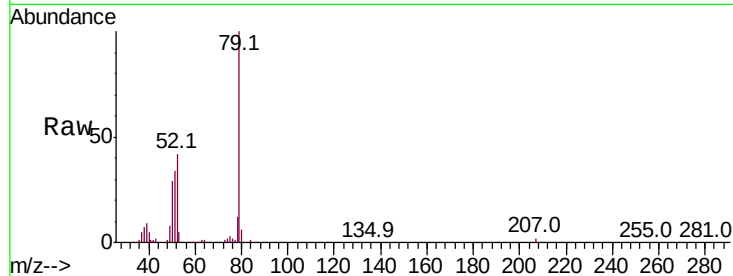




#3
 Pvridine
 Concen: 15.341 ng
 RT: 3.81 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

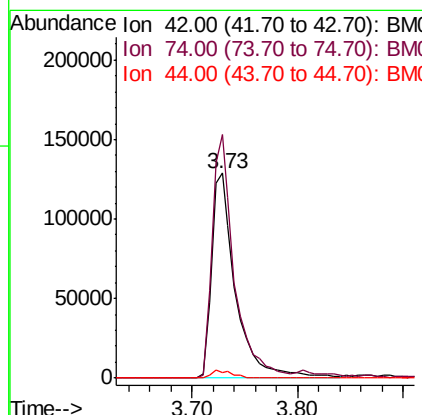
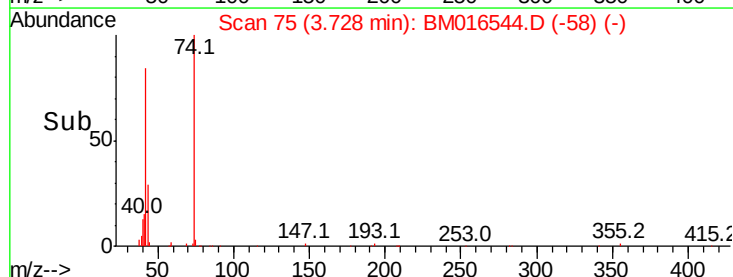
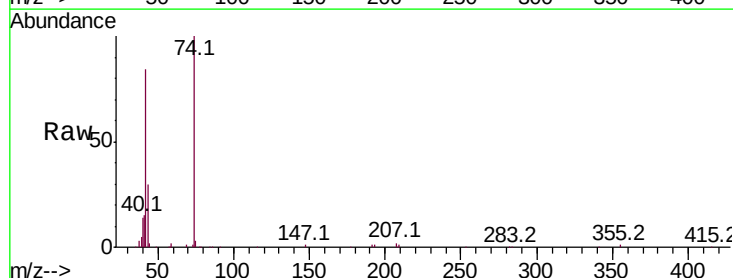
Instrument :
 BNA_F
 ClientSampled :

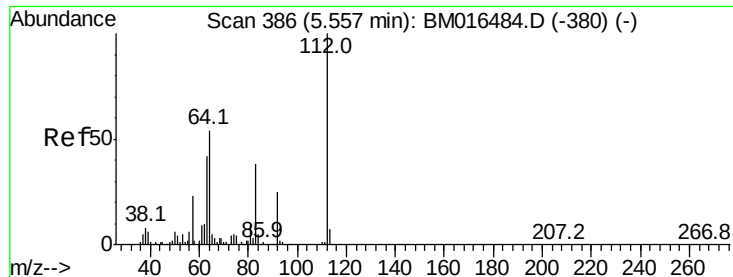
Tot Ion: 79 Resp: 335793
 Ion Ratio Lower Upper
 79 100
 52 41.7 51.1 76.7#
 51 33.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 20.979 ng
 RT: 3.73 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion: 42 Resp: 204576
 Ion Ratio Lower Upper
 42 100
 74 119.0 119.3 178.9#
 44 2.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 20.979 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

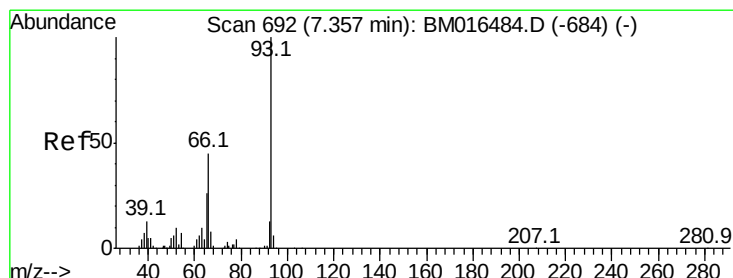
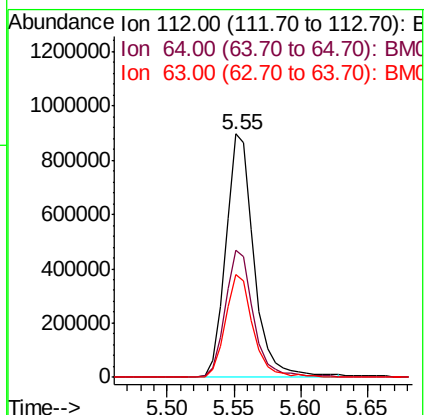
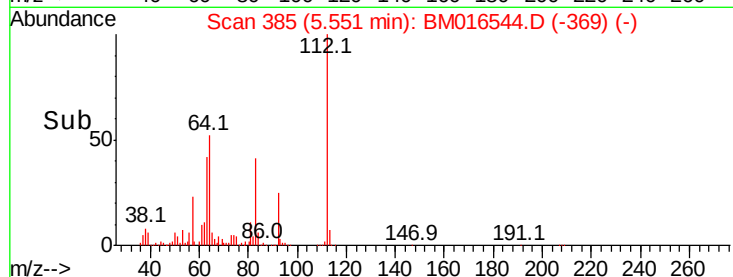
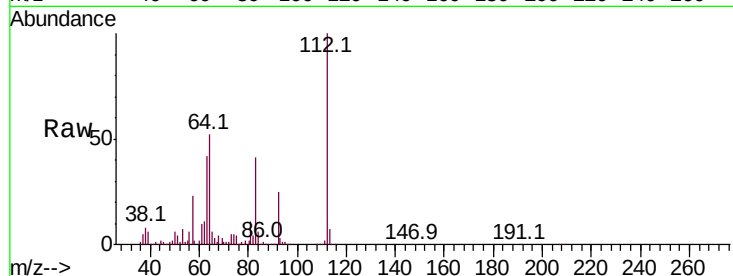
Tot Ion:112 Resp: 1327640

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

63 42.1 19.3 28.9#



#6

Aniline

Concen: 13.072 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

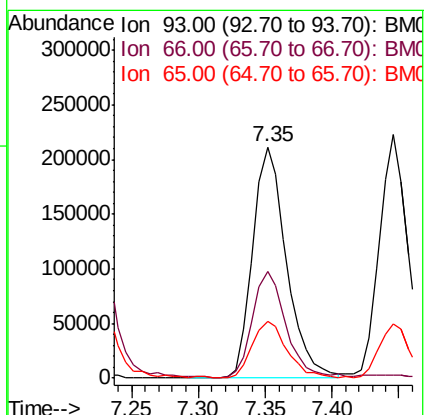
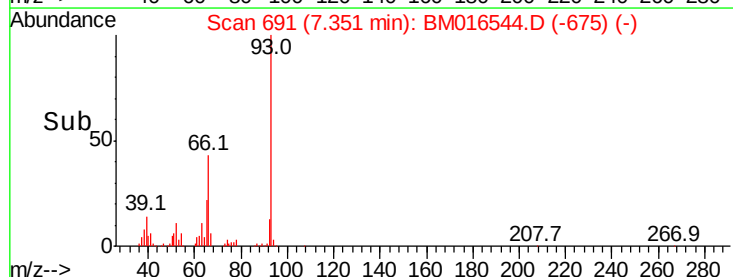
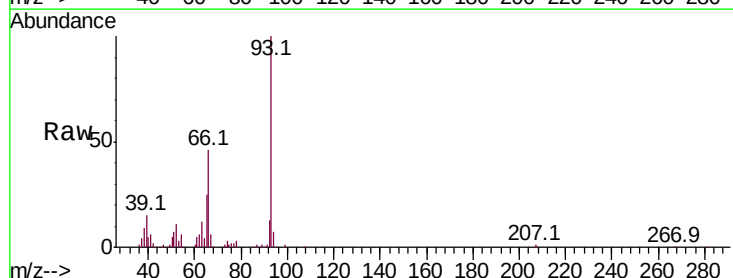
Tgt Ion: 93 Resp: 368625

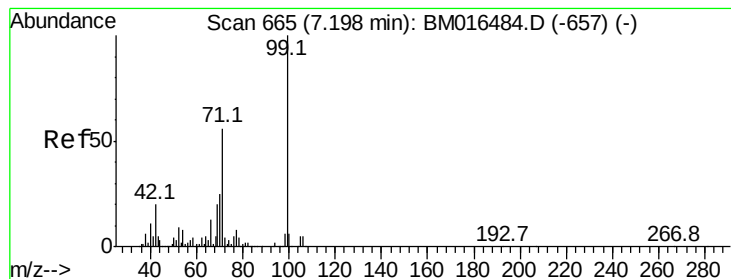
Ion Ratio Lower Upper

93 100

66 46.3 30.8 46.2#

65 24.5 16.0 24.0#





#7

Phenol-d6

Concen: 13.072 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

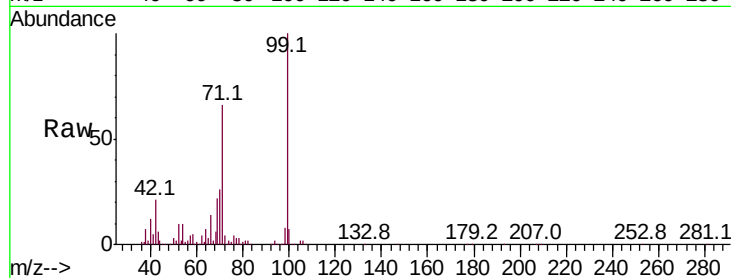
Tot Ion: 99 Resp: 1632150

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

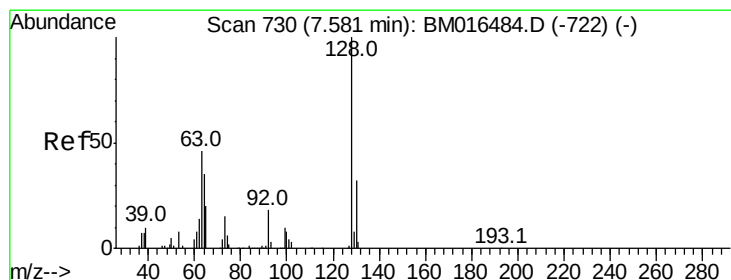
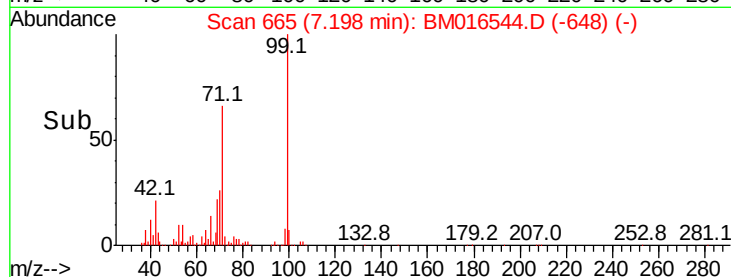
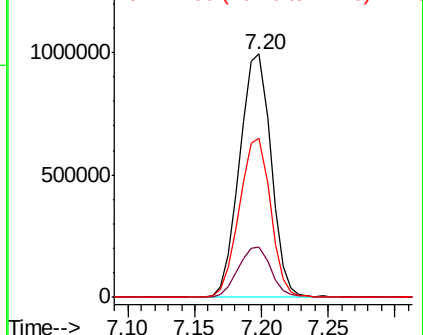
71 65.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016544.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016544.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016544.D (-657) (-)



#8

2-Chlorophenol

Concen: 20.039 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

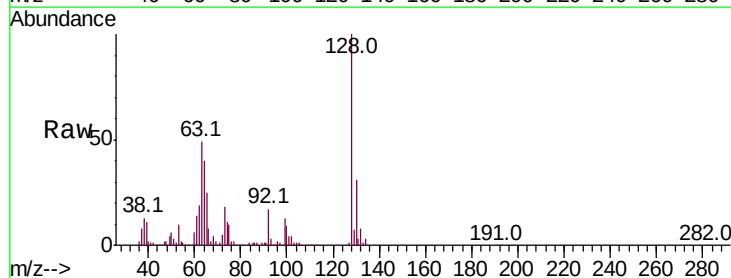
Tgt Ion: 128 Resp: 454077

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

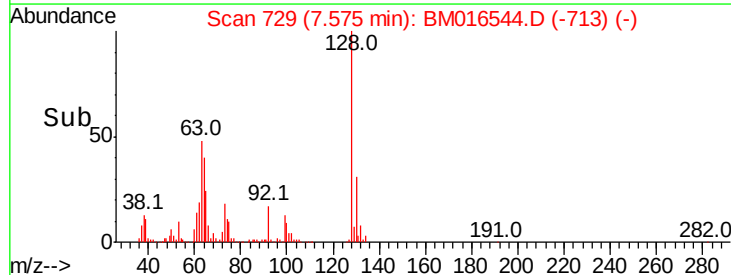
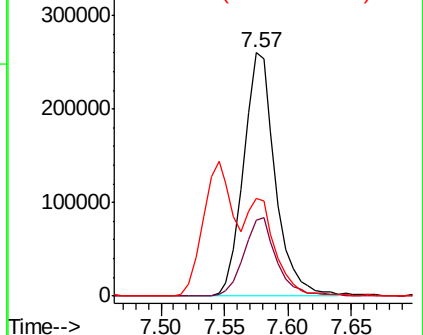
64 40.2 24.9 64.9

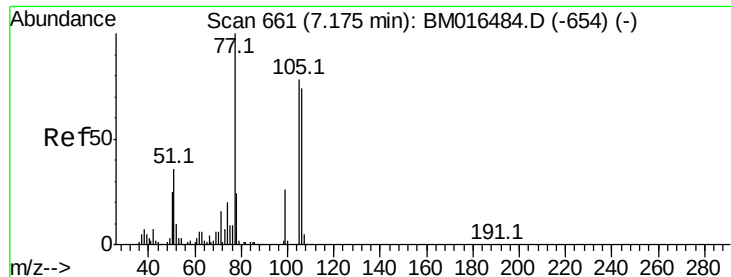


Abundance Ion 128.00 (127.70 to 128.70): BM016544.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016544.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016544.D (-722) (-)





#9

Benzaldehyde

Concen: 16.385 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

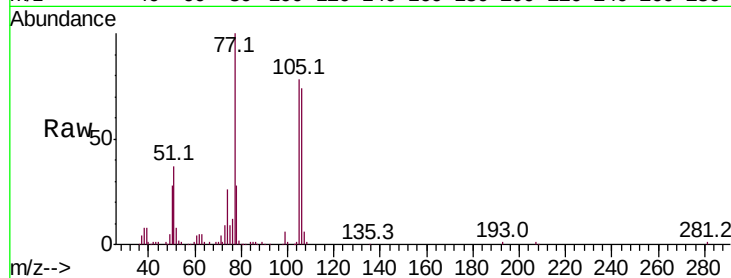
Tot Ion: 77 Resp: 286544

Ion Ratio Lower Upper

77 100

105 77.9 78.8 118.8#

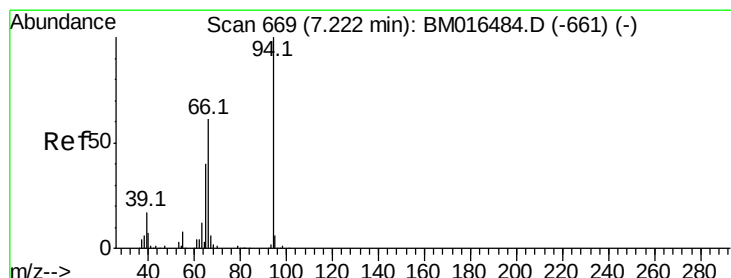
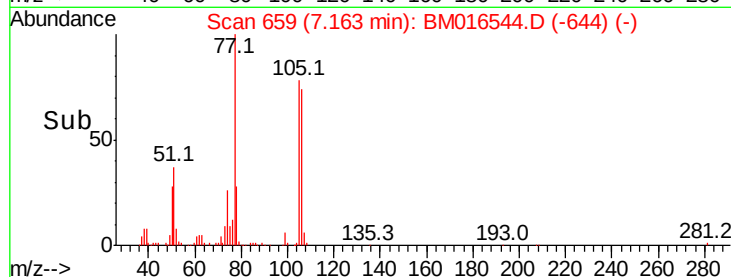
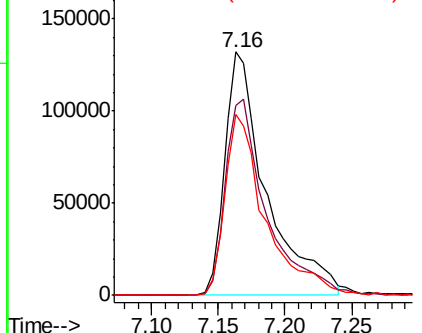
106 74.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016544.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016544.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016544.D (-654) (-)



#10

Phenol

Concen: 19.646 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

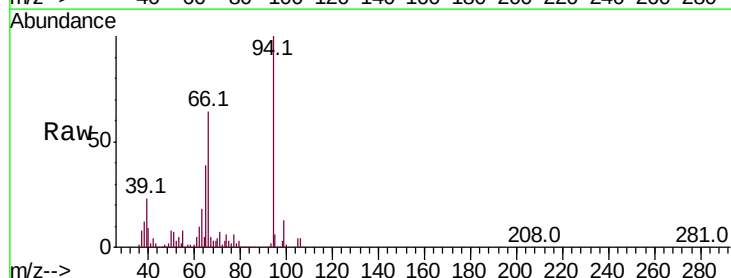
Tgt Ion: 94 Resp: 489596

Ion Ratio Lower Upper

94 100

65 38.6 18.8 58.8

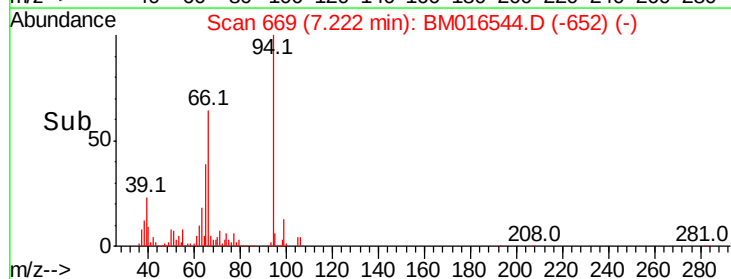
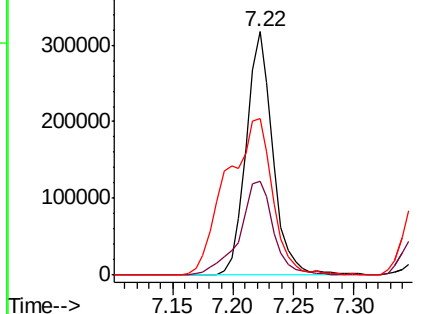
66 64.3 39.9 79.9

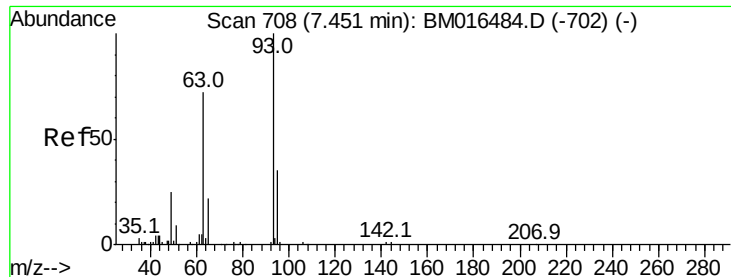


Abundance Ion 94.00 (93.70 to 94.70): BM016544.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016544.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016544.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 17.217 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

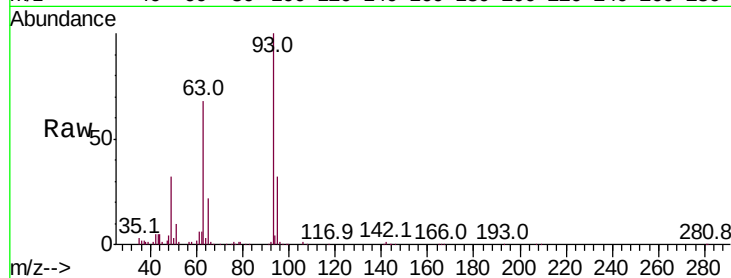
Tot Ion: 93 Resp: 321759

Ion Ratio Lower Upper

93 100

63 68.4 49.5 89.5

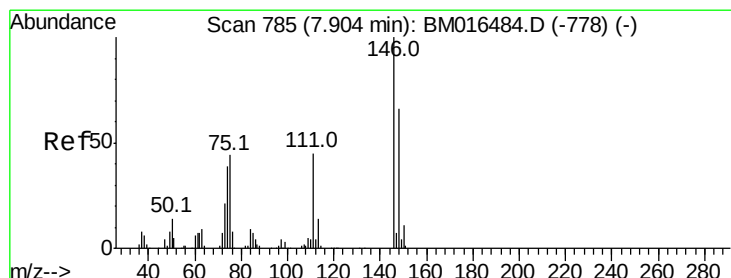
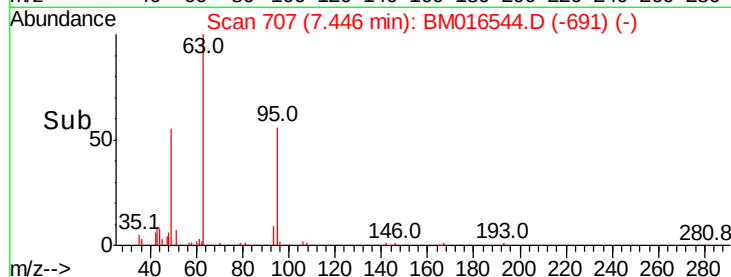
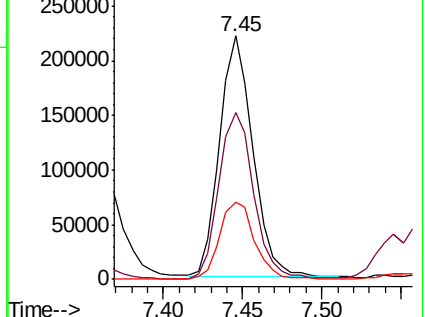
95 31.9 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016544.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016544.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016544.D (-702) (-)



#12

1,3-Dichlorobenzene

Concen: 17.638 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

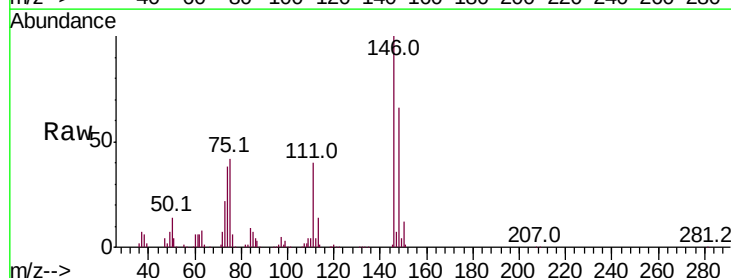
Tgt Ion: 146 Resp: 529903

Ion Ratio Lower Upper

146 100

148 65.8 50.9 76.3

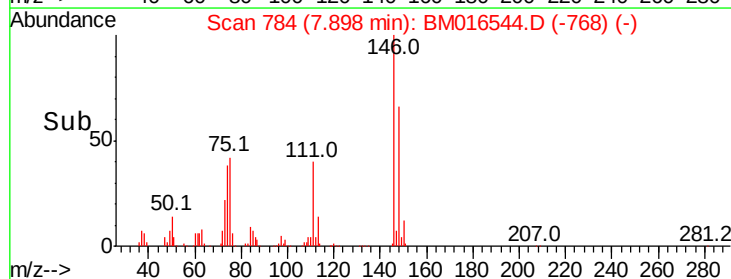
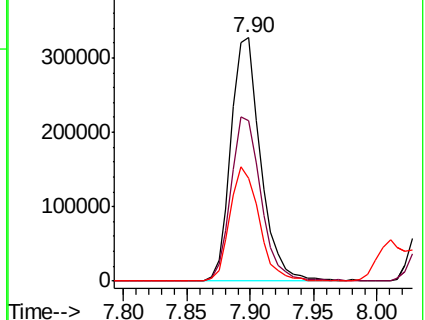
75 42.1 21.4 32.2#

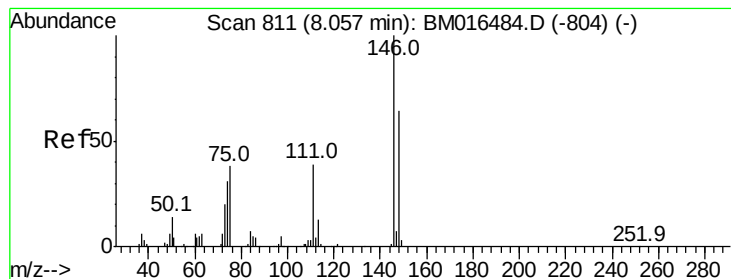


Abundance Ion 146.00 (145.70 to 146.70): BM016544.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016544.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016544.D (-778) (-)





#13

1,4-Dichlorobenzene

Concen: 17.859 ng

RT: 8.05 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

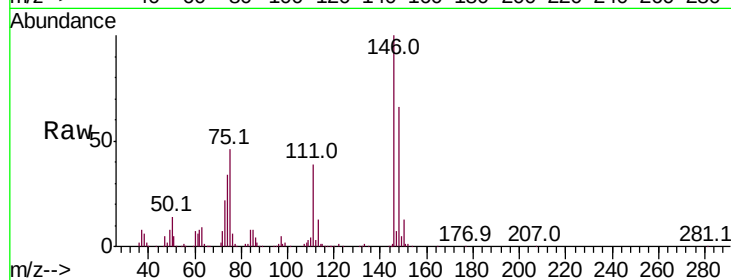
Tot Ion:146 Resp: 550625

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

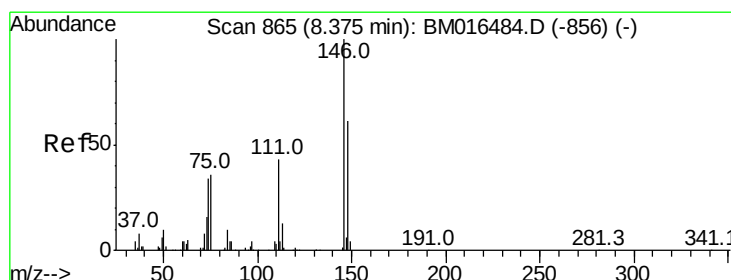
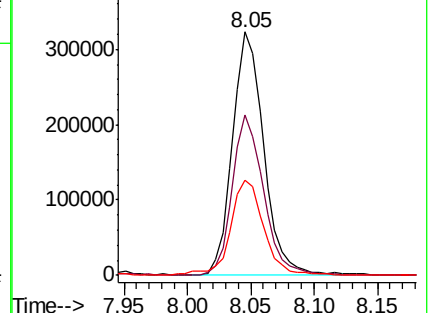
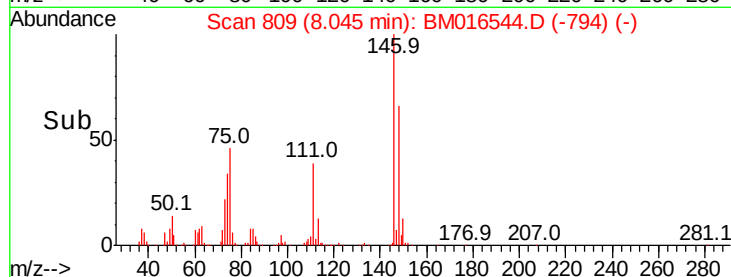
111 38.9 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 18.160 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

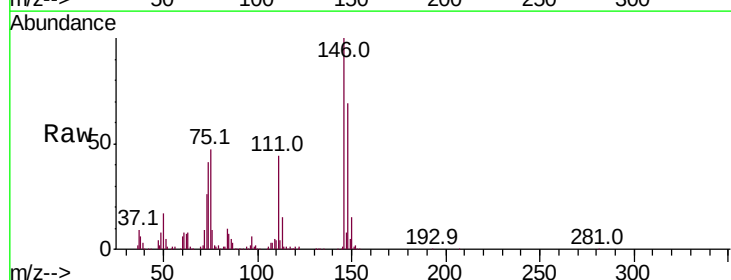
Tgt Ion:146 Resp: 550096

Ion Ratio Lower Upper

146 100

148 68.8 52.3 78.5

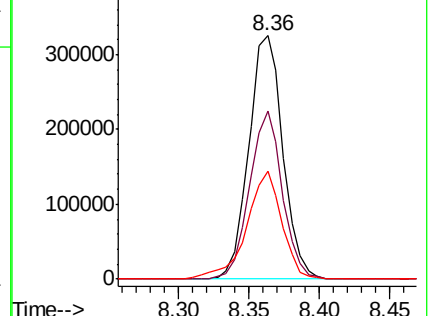
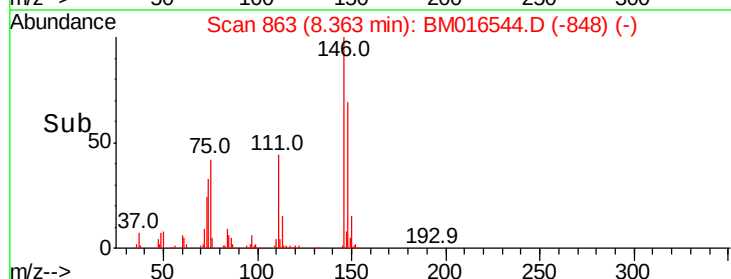
111 44.2 30.6 45.8

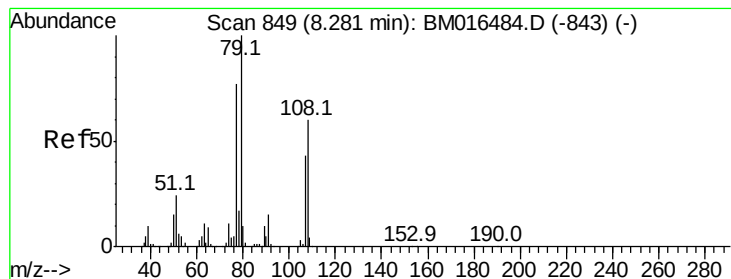


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.459 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

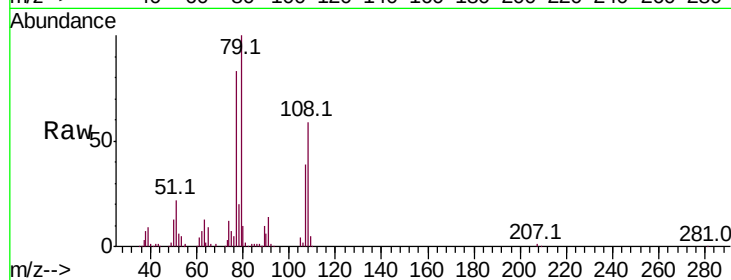
Tot Ion: 79 Resp: 408576

Ion Ratio Lower Upper

79 100

108 59.5 65.0 97.4#

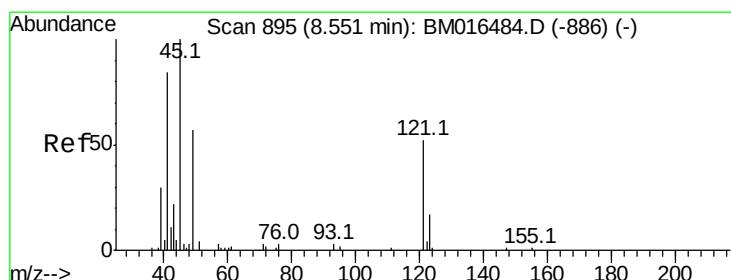
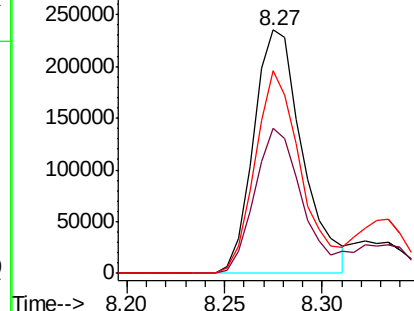
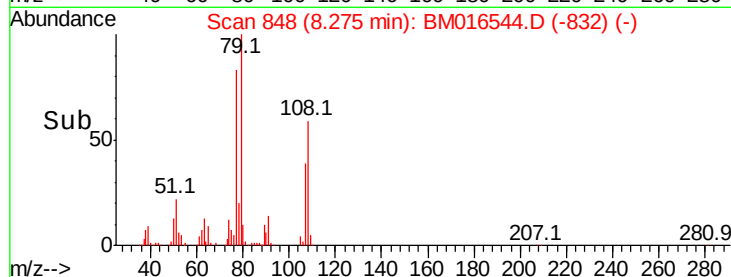
77 83.3 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016544.D (-832) (-)

Ion 108.00 (107.70 to 108.70): BM016544.D (-832) (-)

Ion 77.00 (76.70 to 77.70): BM016544.D (-832) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.131 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

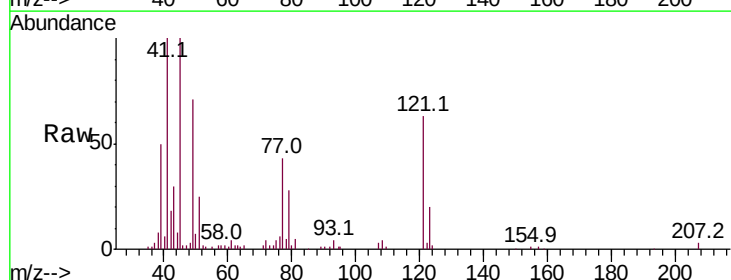
Tgt Ion: 45 Resp: 207573

Ion Ratio Lower Upper

45 100

77 43.1 0.0 35.2#

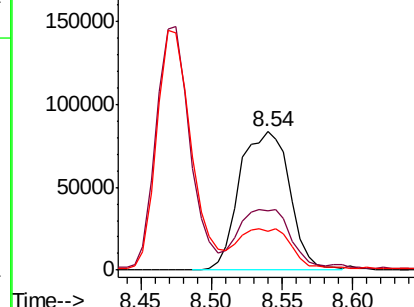
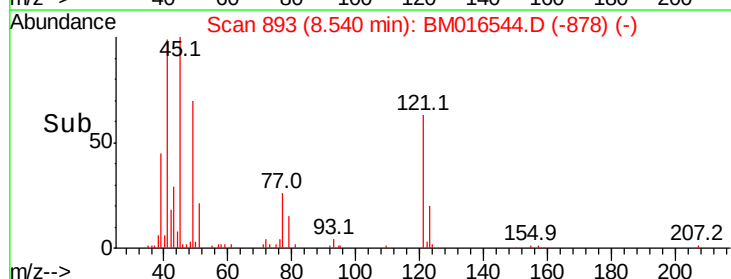
79 28.5 0.0 32.0

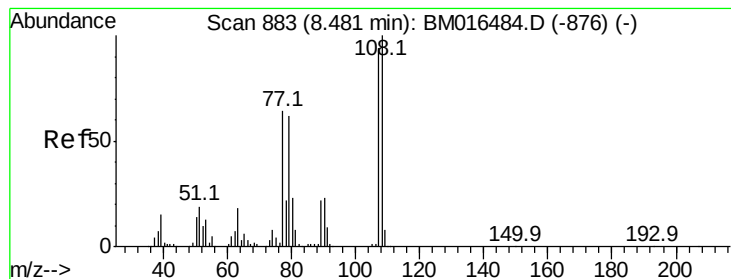


Abundance Ion 45.00 (44.70 to 45.70): BM016544.D (-878) (-)

Ion 77.00 (76.70 to 77.70): BM016544.D (-878) (-)

Ion 79.00 (78.70 to 79.70): BM016544.D (-878) (-)

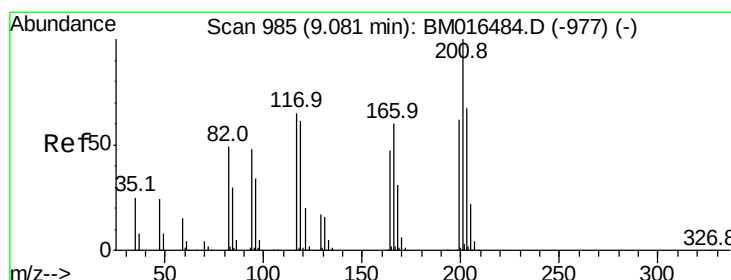
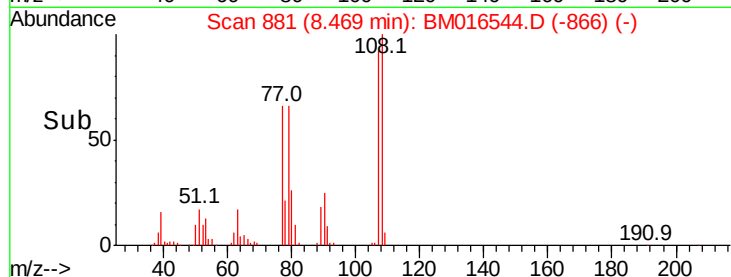
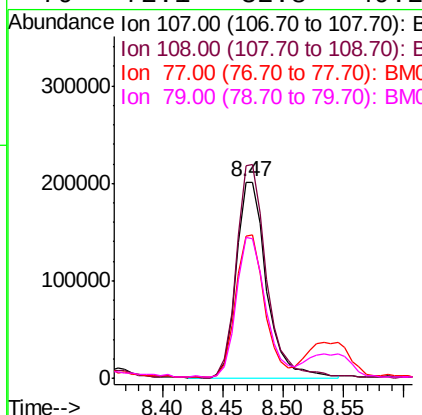
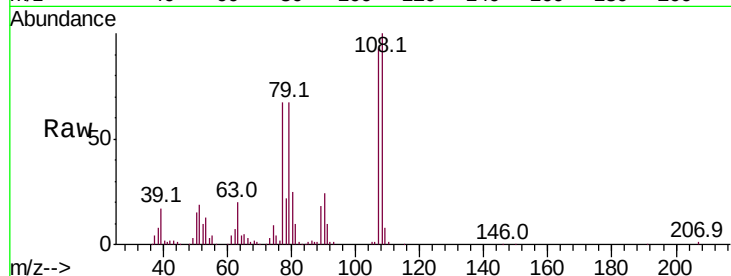




#17
2-Methylphenol
Concen: 19.543 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

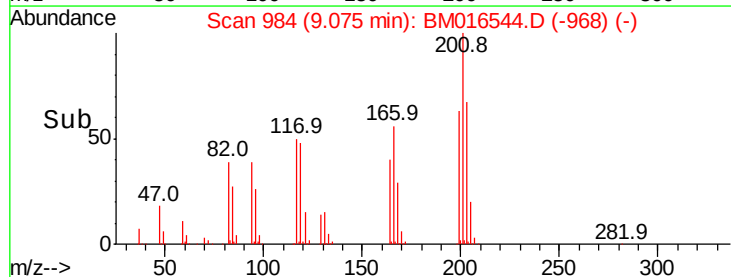
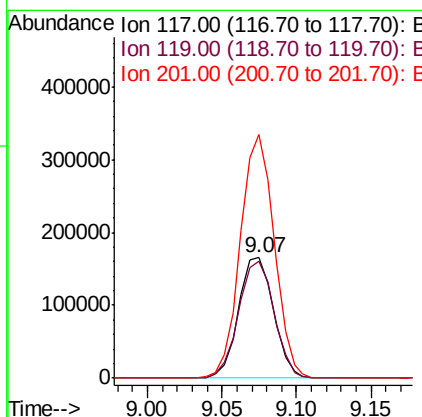
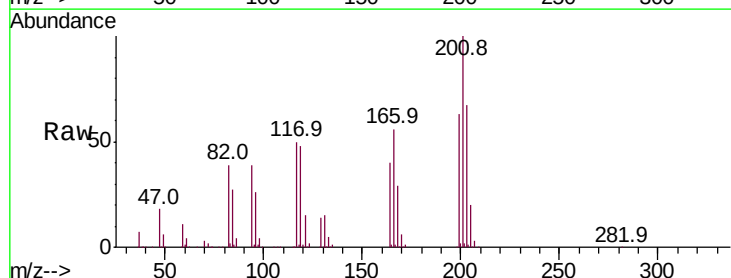
Instrument :
BNA_F
ClientSampleId :

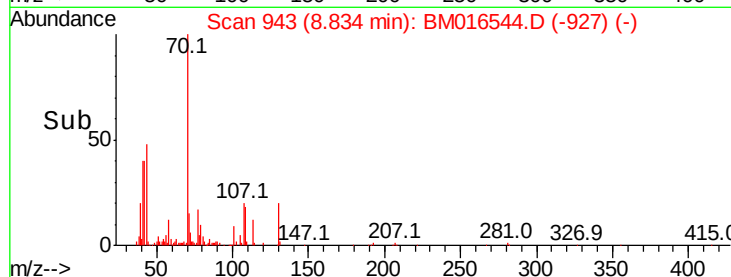
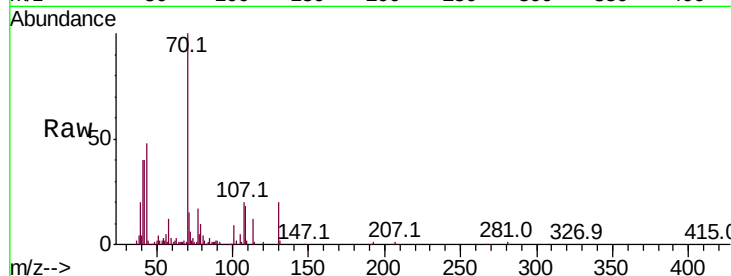
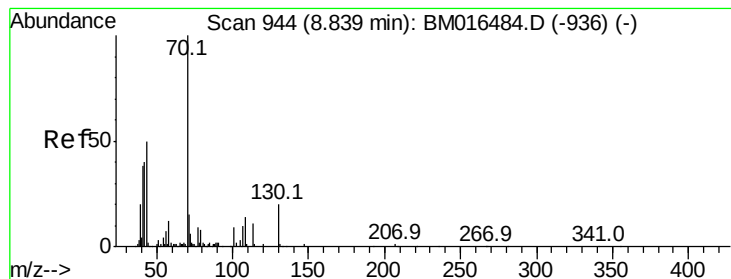
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	89.8	134.8
77	72.2	32.6	48.8#
79	72.1	32.8	49.2#



#18
Hexachloroethane
Concen: 18.957 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.2	118.8
201	201.9	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 17.860 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 352858

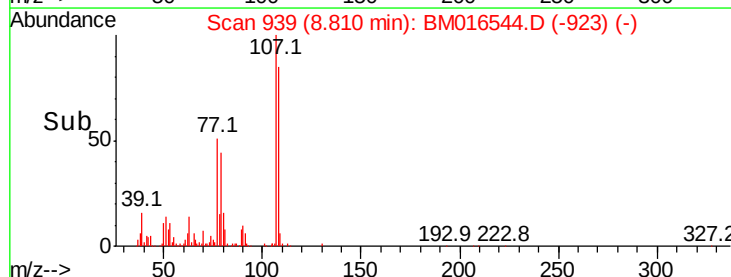
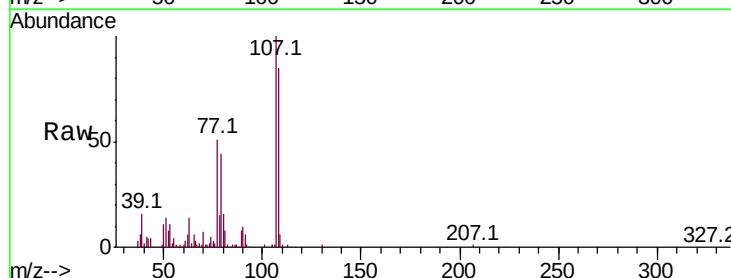
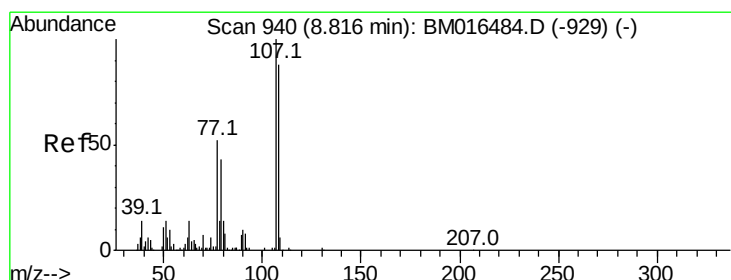
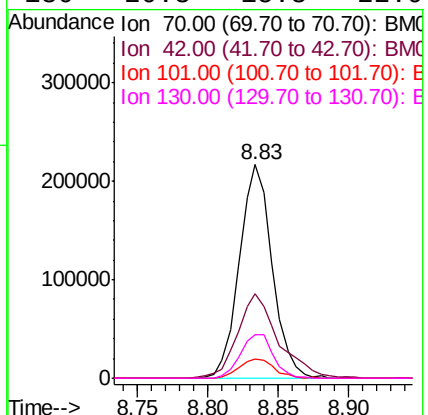
Ion	Ratio	Lower	Upper
70	100		
42	39.6	44.5	66.7#
101	9.0	7.4	11.2
130	20.3	15.3	22.9

70 100

42 39.6 44.5 66.7#

101 9.0 7.4 11.2

130 20.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 18.781 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion: 107 Resp: 468634

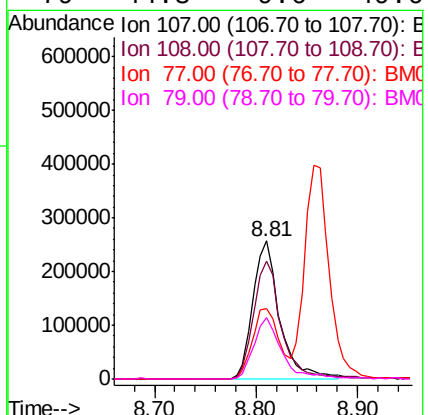
Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.2	113.2
77	51.5	10.7	50.7#
79	44.3	9.6	49.6

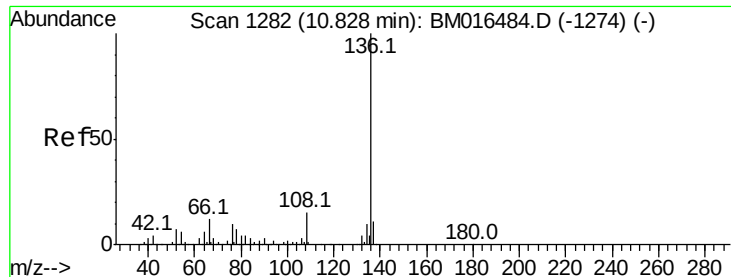
107 100

108 85.1 73.2 113.2

77 51.5 10.7 50.7#

79 44.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1400347

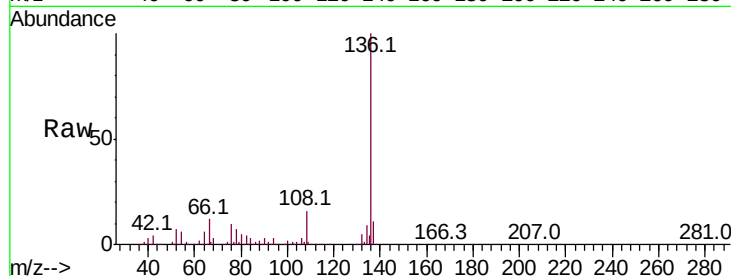
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.2 4.6 6.8

68 3.1 3.7 5.5#



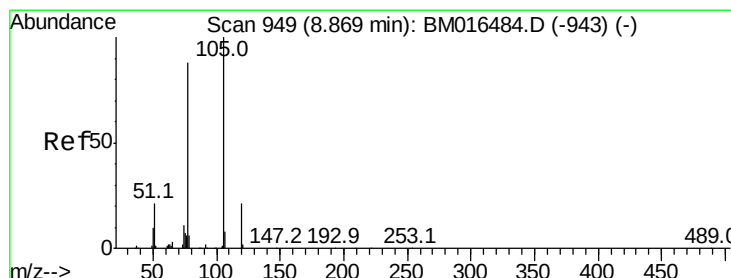
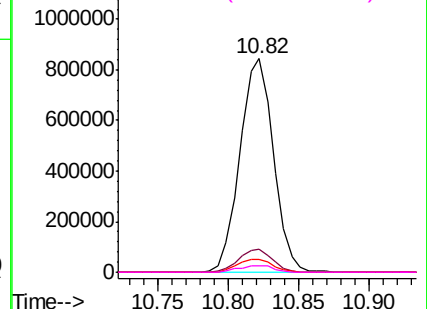
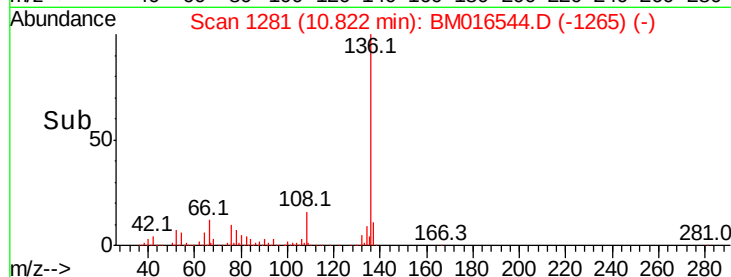
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 20.160 ng

RT: 8.86 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:105 Resp: 679811

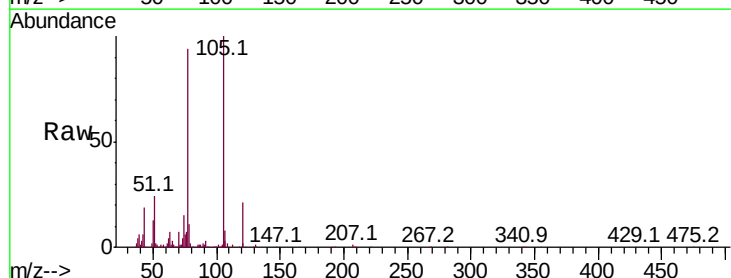
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 23.5 21.6 32.4

120 20.9 16.1 24.1



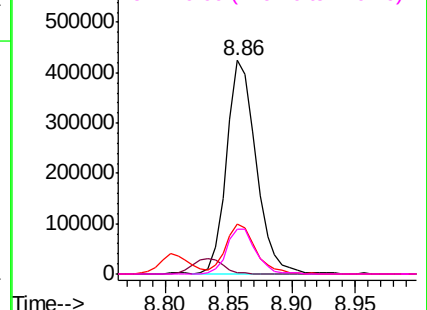
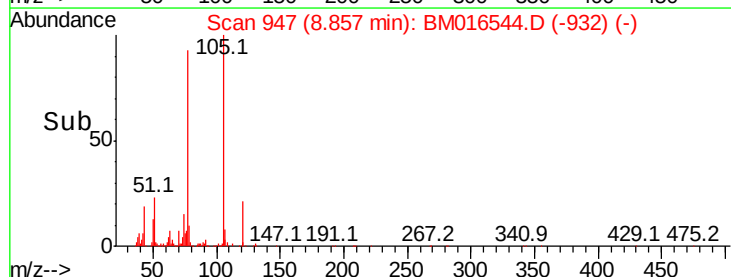
Abundance

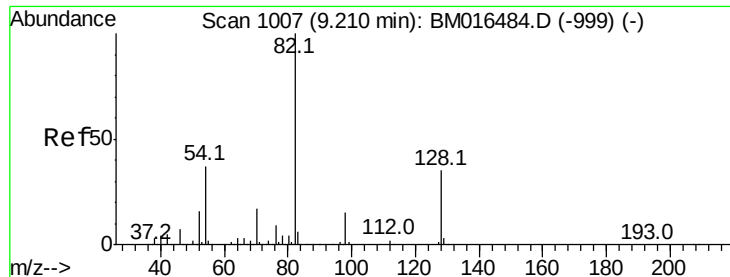
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

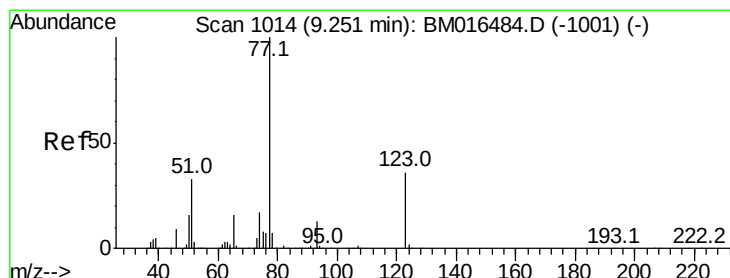
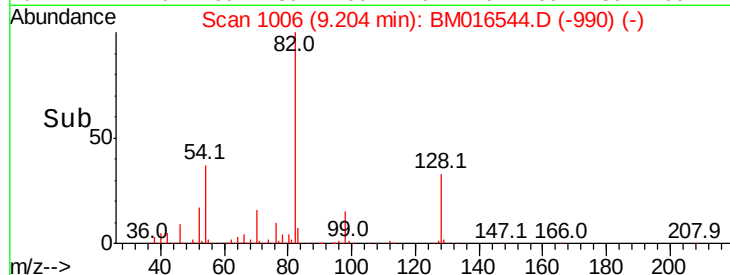
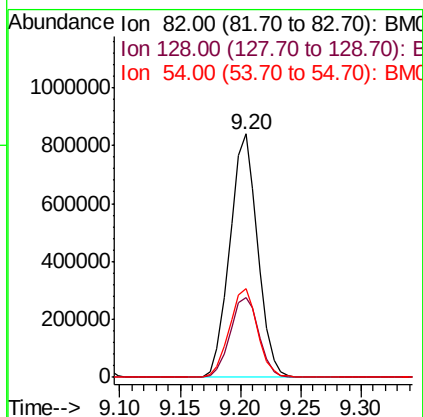
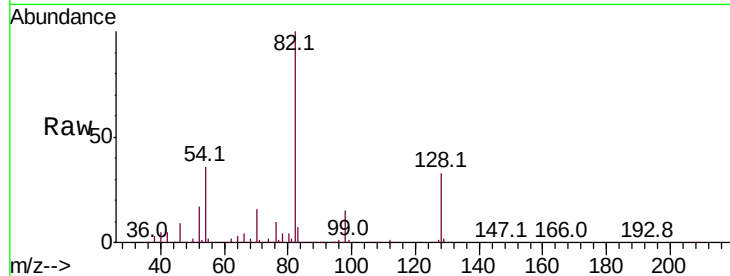




#23
Nitrobenzene-d5
Concen: 20.160 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

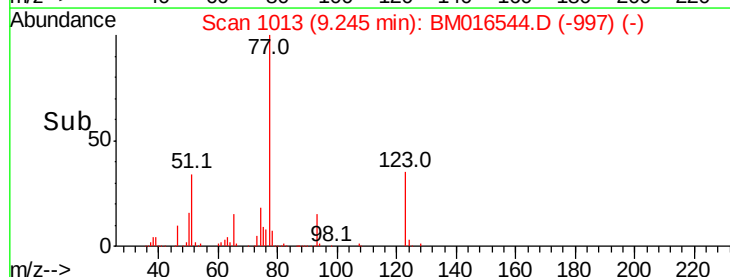
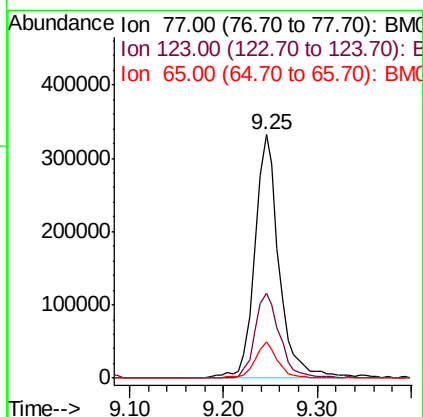
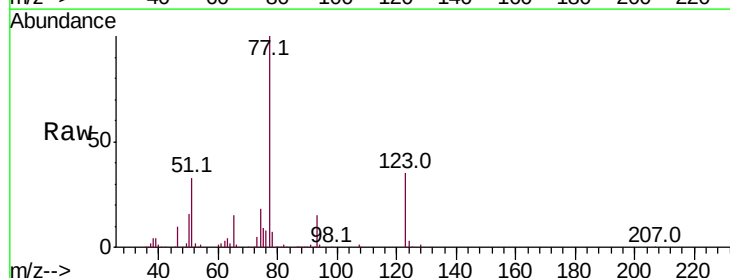
Instrument :
BNA_F
ClientSampled :

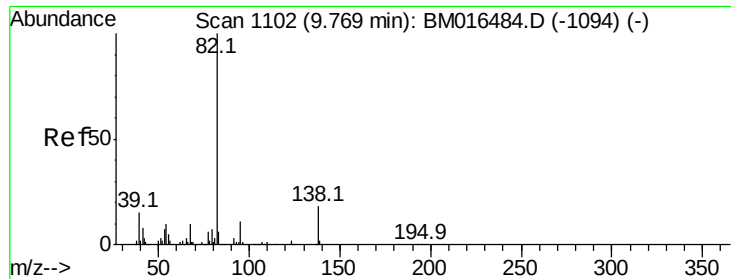
Tot Ion: 82 Resp: 1349549
Ion Ratio Lower Upper
82 100
128 32.9 32.8 49.2
54 36.5 40.6 60.8#



#24
Nitrobenzene
Concen: 19.142 ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion: 77 Resp: 586593
Ion Ratio Lower Upper
77 100
123 34.7 32.6 49.0
65 14.8 10.9 16.3





#25

Isophorone

Concen: 22.917 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

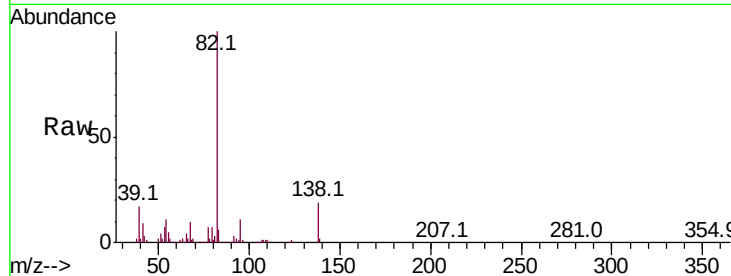
Tot Ion: 82 Resp: 939381

Ion Ratio Lower Upper

82 100

95 11.4 5.8 8.6#

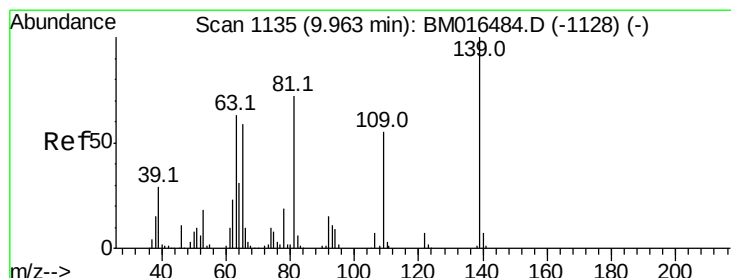
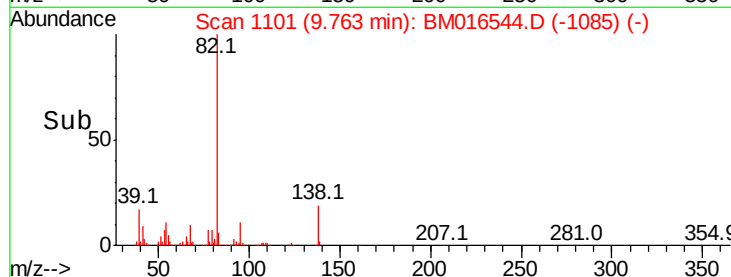
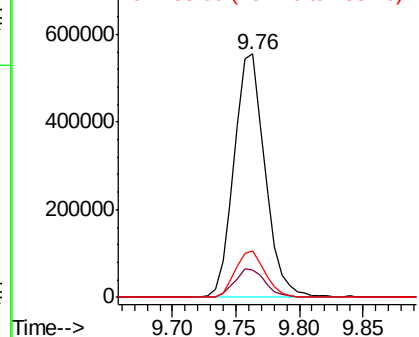
138 19.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016544.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016544.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016544.D (-1094) (-)



#26

2-Nitrophenol

Concen: 19.723 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

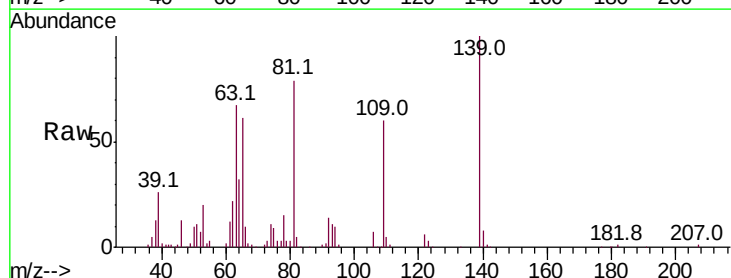
Tgt Ion: 139 Resp: 258374

Ion Ratio Lower Upper

139 100

109 59.9 20.1 30.1#

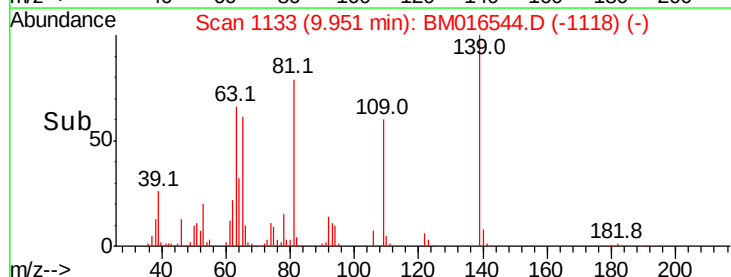
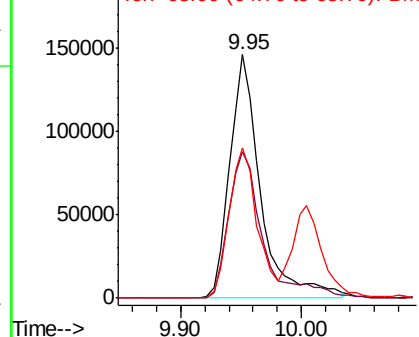
65 61.4 31.5 47.3#

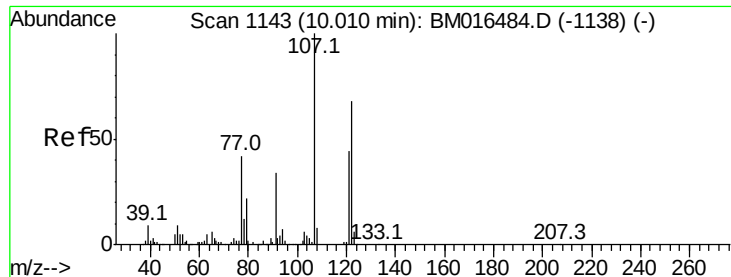


Abundance Ion 139.00 (138.70 to 139.70): BM016544.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016544.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016544.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 24.401 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

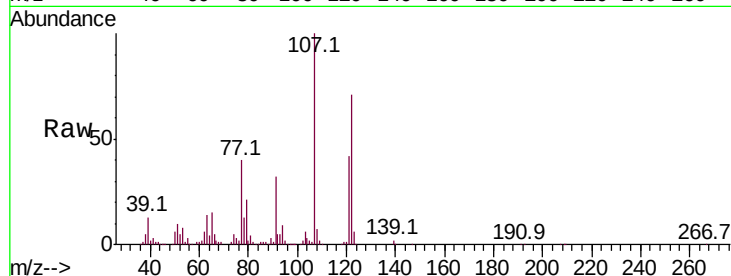
Tot Ion:122 Resp: 416578

Ion Ratio Lower Upper

122 100

107 139.9 84.7 127.1#

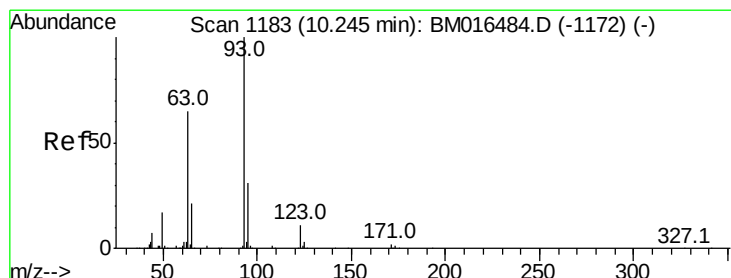
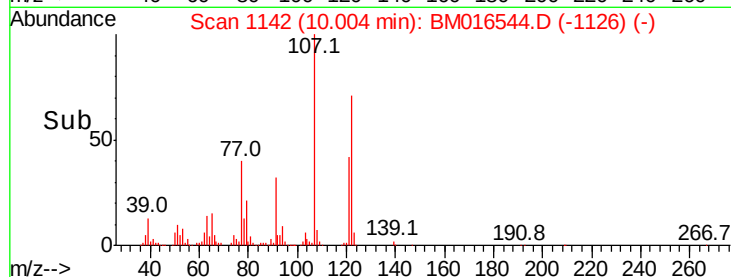
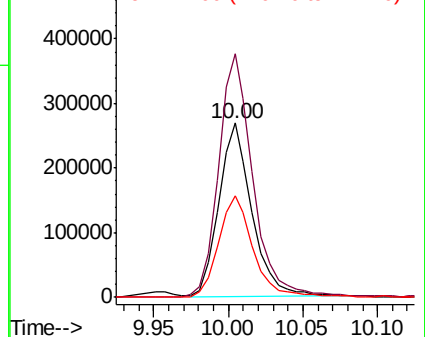
121 58.5 46.6 69.8



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: 21.047 ng

RT: 10.24 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

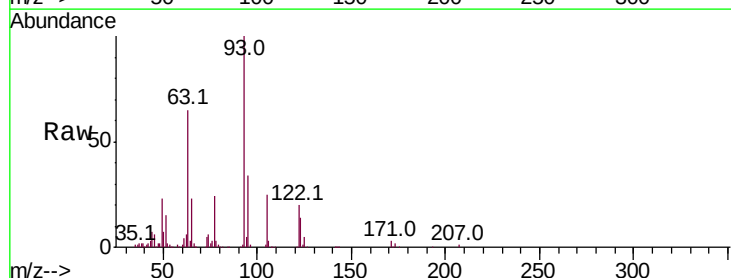
Tgt Ion: 93 Resp: 514980

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

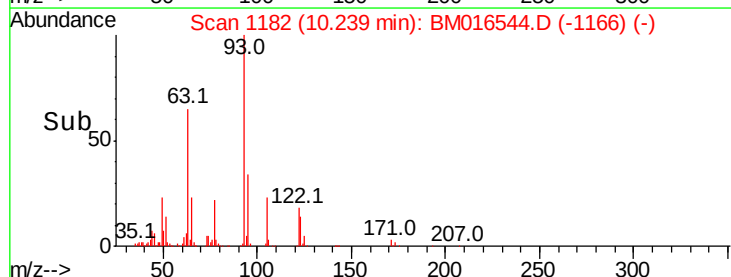
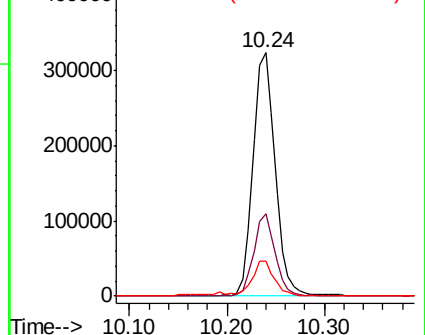
123 14.2 8.6 13.0#

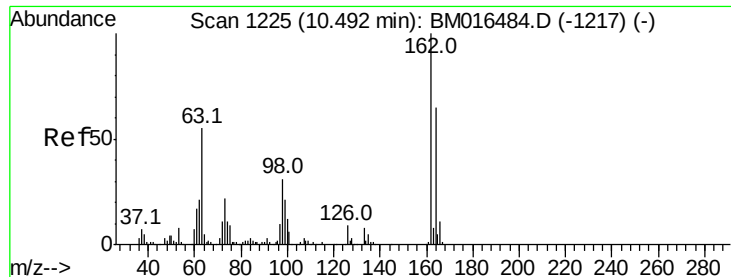


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

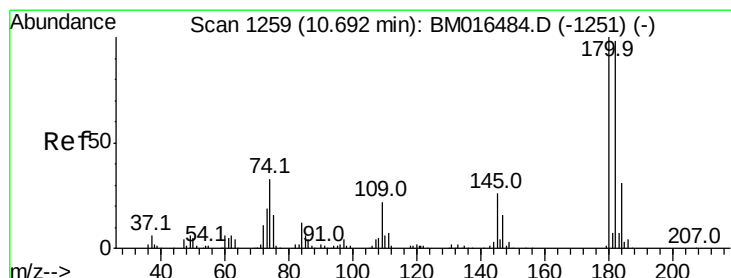
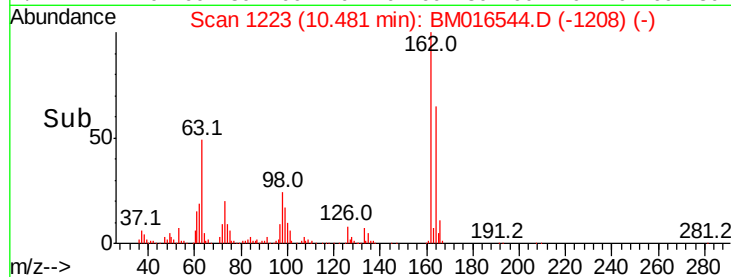
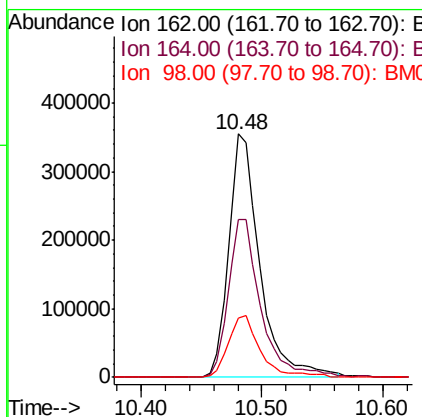
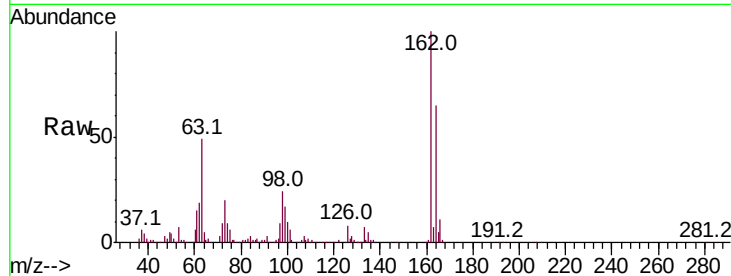




#29
2,4-Dichlorophenol
Concen: 24.848 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

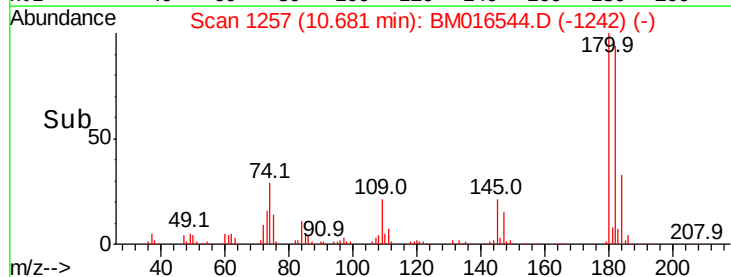
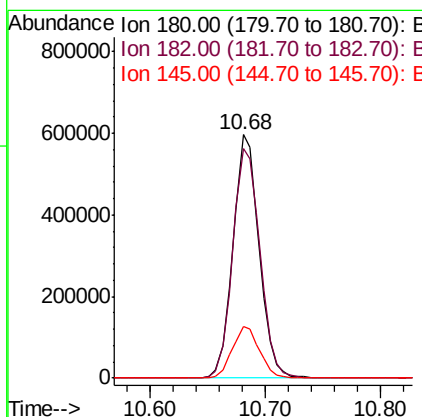
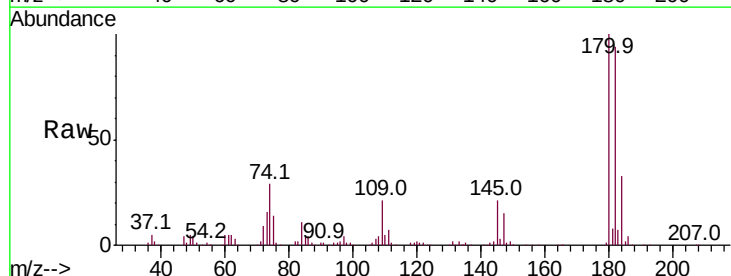
Instrument :
BNA_F
ClientSampled :

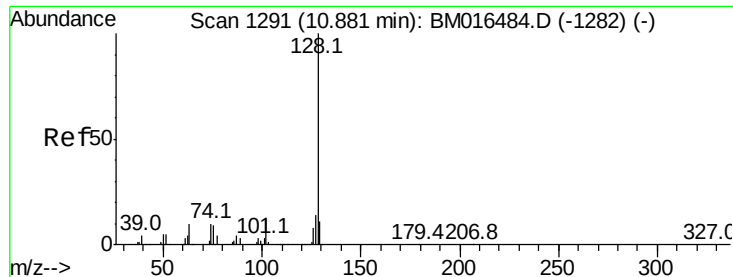
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	24.2	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 24.097 ng
RT: 10.68 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.6	116.4
145	21.4	23.4	35.2#

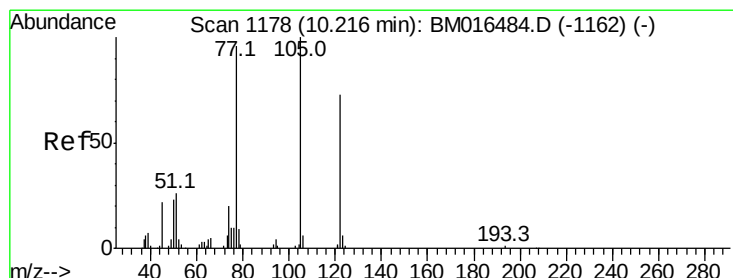
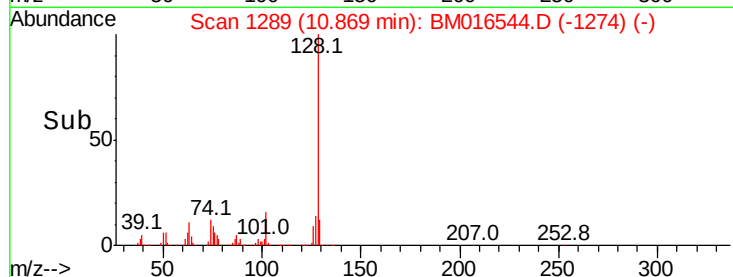
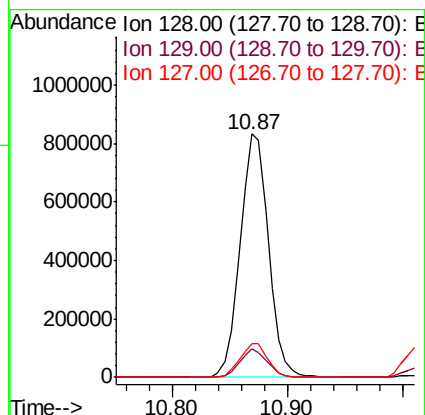
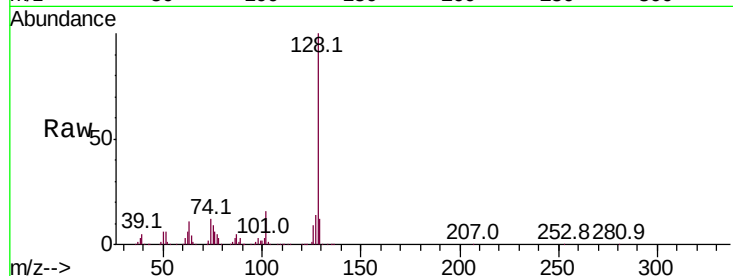




#31
Naphthalene
Concen: 21.206 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

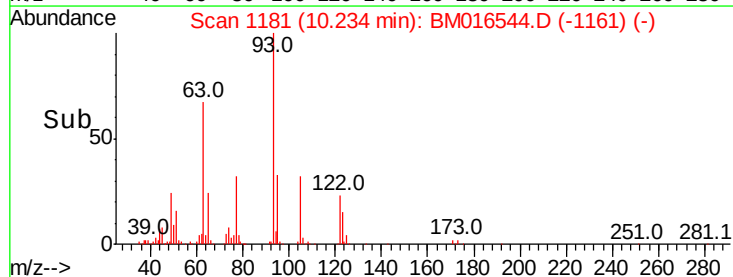
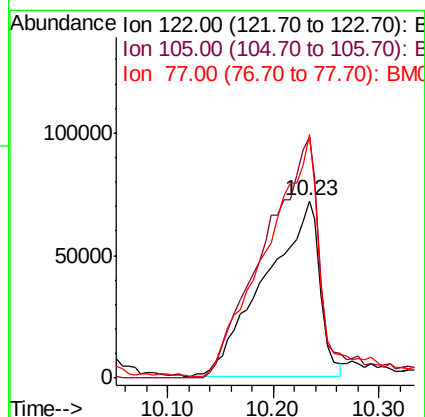
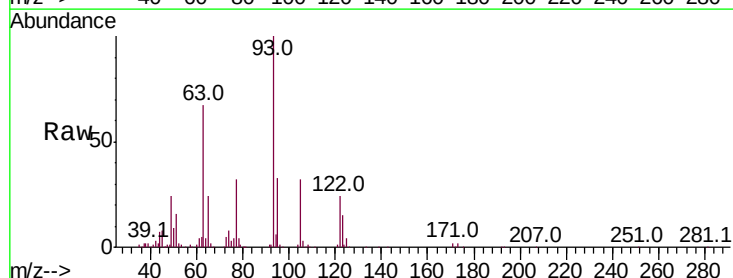
Instrument :
BNA_F
ClientSampleId :

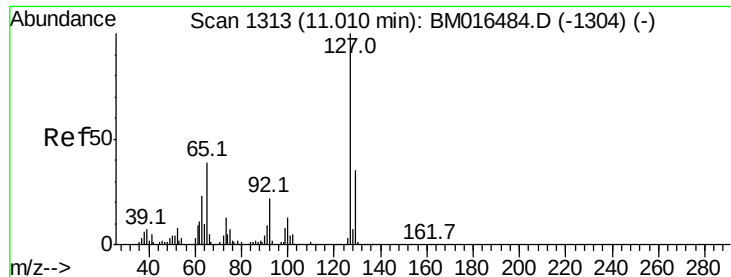
Tot Ion:128 Resp: 1414851
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.9 10.4 15.6



#32
Benzoic acid
Concen: 17.756 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:122 Resp: 253626
Ion Ratio Lower Upper
122 100
105 135.6 99.9 139.9
77 137.1 73.7 113.7#

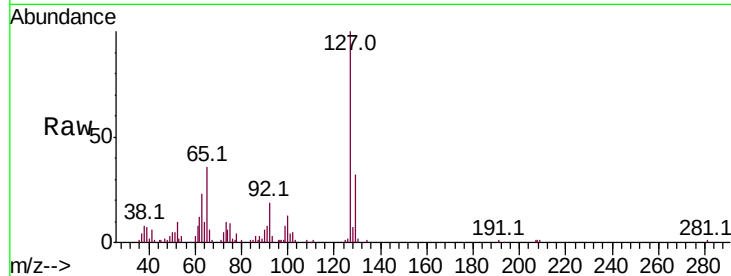




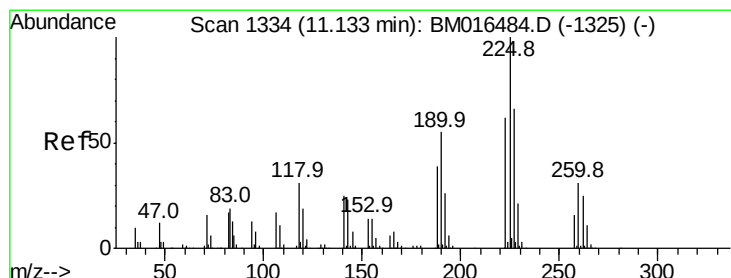
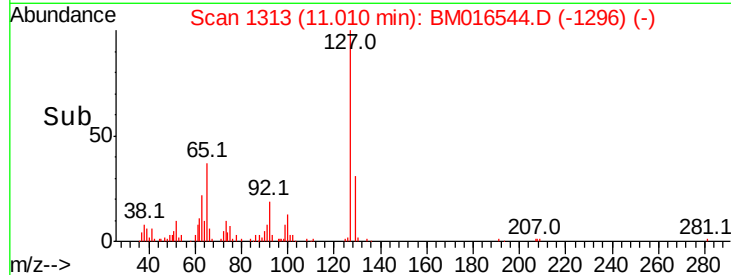
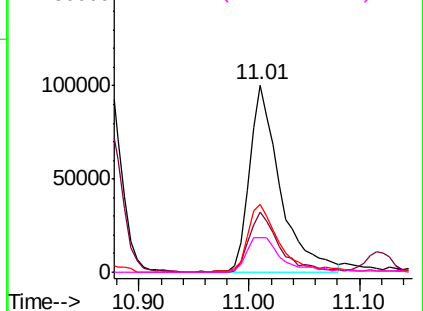
#33
4-Chloroaniline
Concen: 7.001 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	196563
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	36.4	17.6	26.4
92	18.7	13.1	19.7

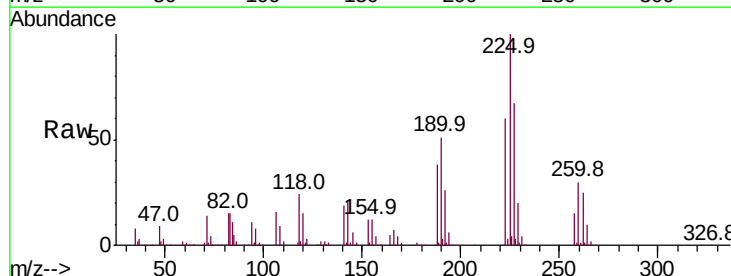


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

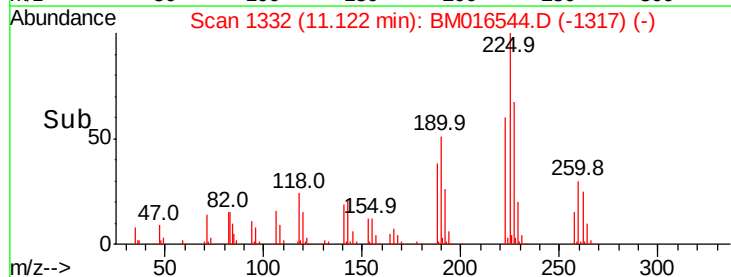
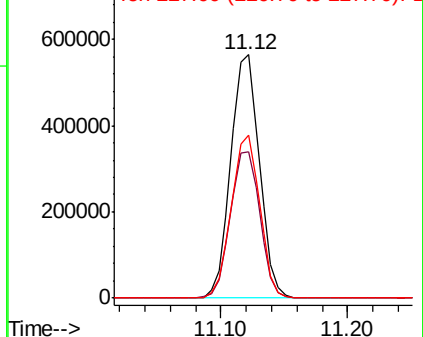


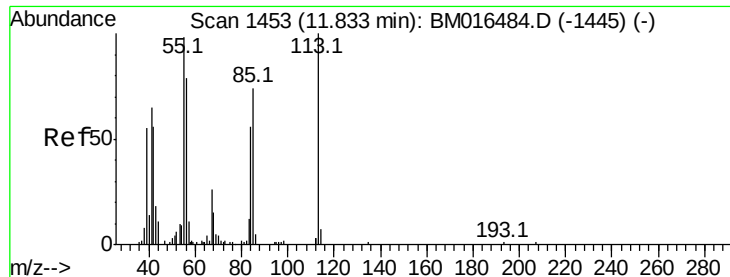
#34
Hexachlorobutadiene
Concen: 23.829 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:	225	Resp:	881795
Ion	Ratio	Lower	Upper
225	100		
223	60.3	47.9	71.9
227	66.8	50.1	75.1



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





#35

Caprolactam

Concen: 14.113 ng

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampled :

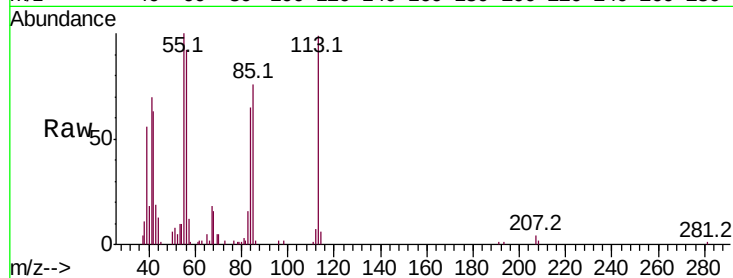
Tot Ion:113 Resp: 86526

Ion Ratio Lower Upper

113 100

55 100.8 145.9 185.9#

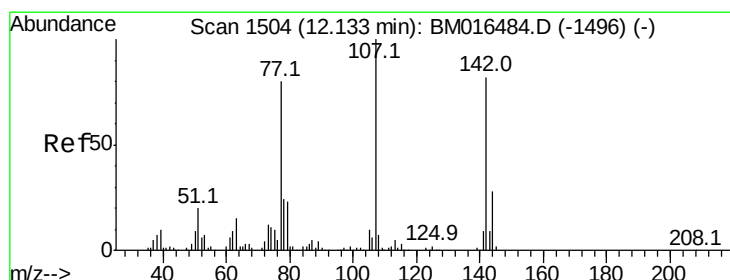
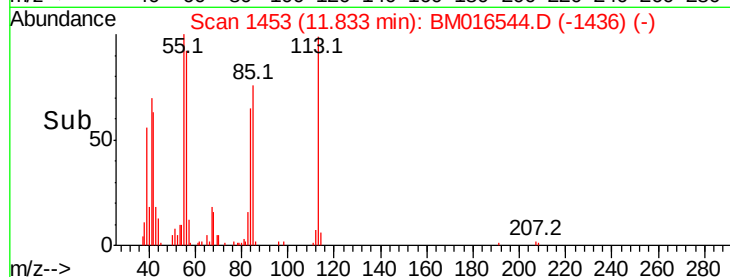
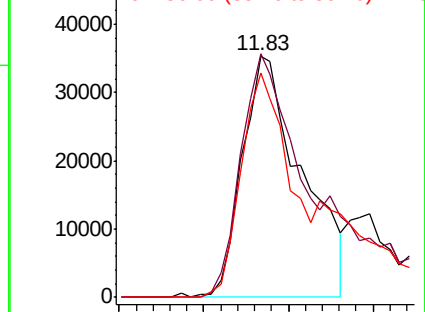
56 92.9 101.0 141.0#



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: 20.594 ng

RT: 12.13 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

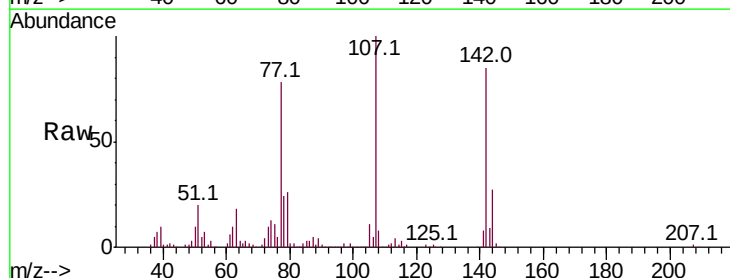
Tgt Ion:107 Resp: 505866

Ion Ratio Lower Upper

107 100

144 27.2 23.3 34.9

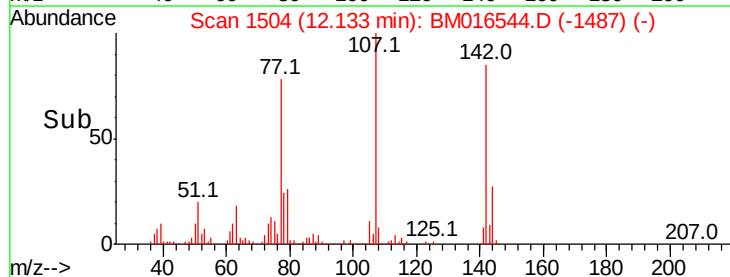
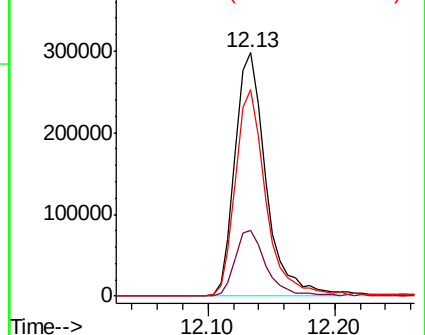
142 84.9 72.6 109.0

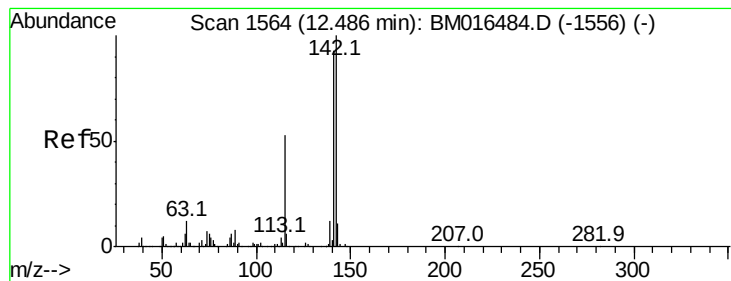


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

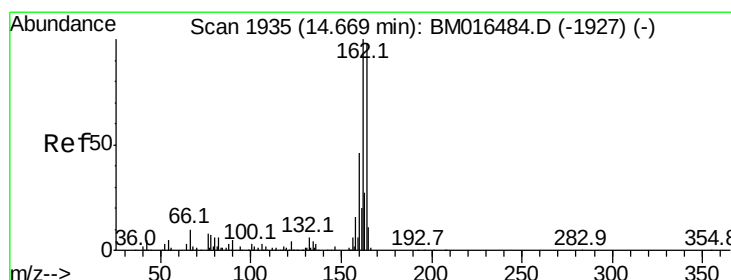
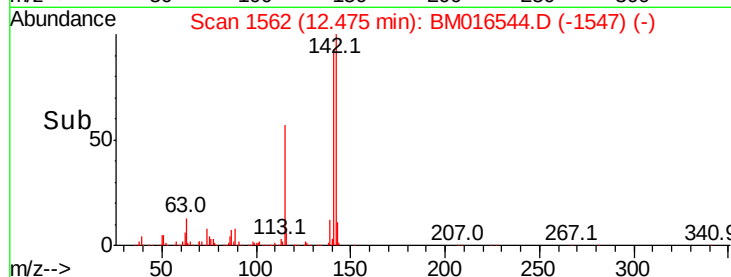
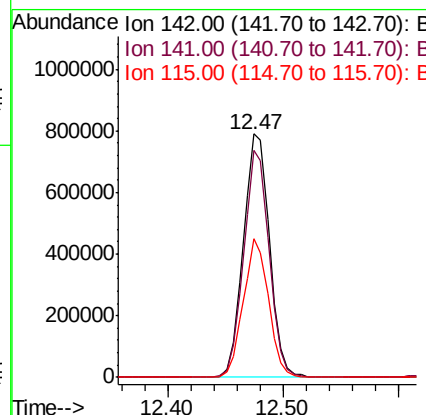
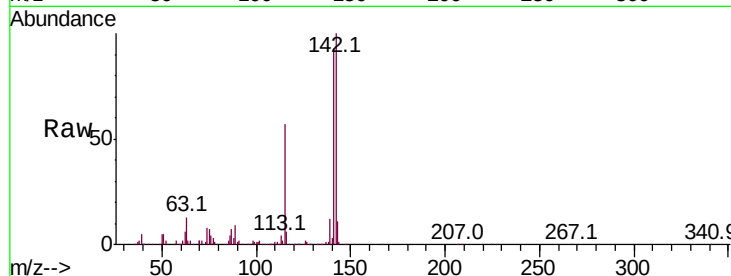




#37
 2-Methylnaphthalene
 Concen: 23.730 ng
 RT: 12.47 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

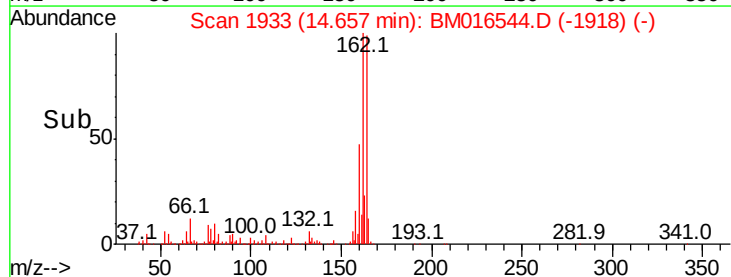
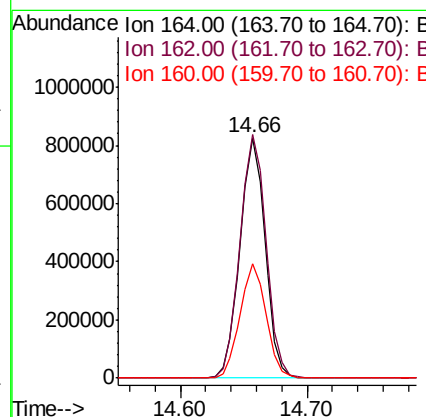
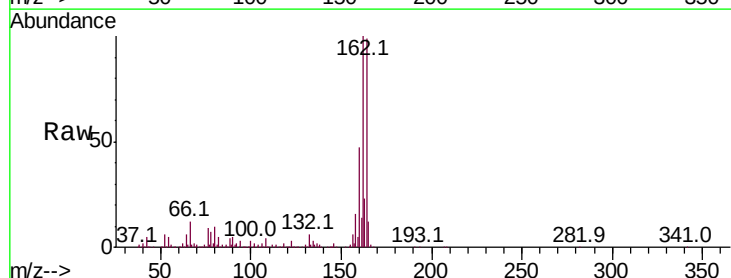
Instrument :
 BNA_F
 ClientSampleId :

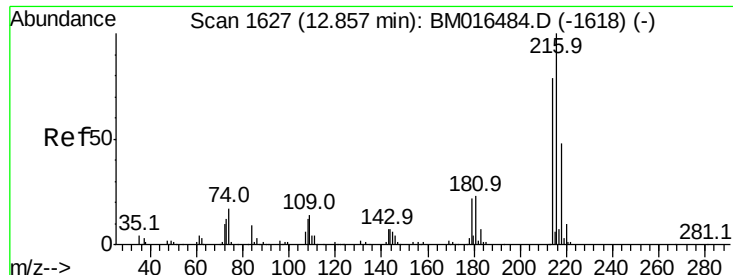
Tot Ion:142 Resp: 1239451
 Ion Ratio Lower Upper
 142 100
 141 93.2 71.9 107.9
 115 56.7 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:164 Resp: 1133908
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.4 123.6
 160 47.5 35.8 53.6

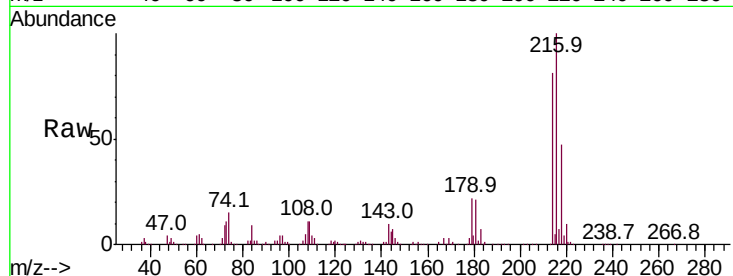




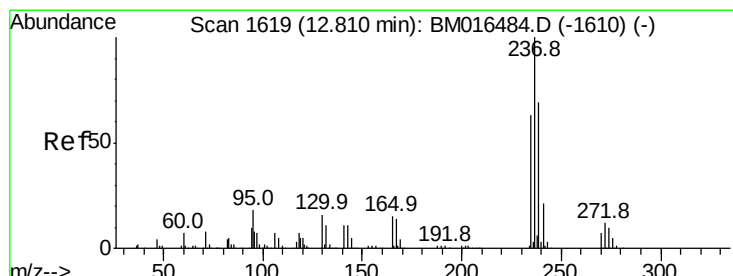
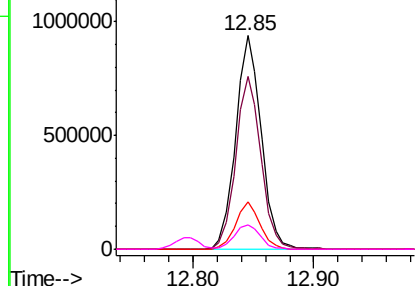
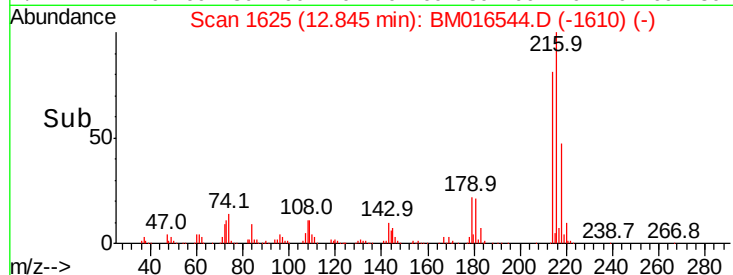
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.656 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 1386874
 Ion Ratio Lower Upper
 216 100
 214 79.9 0.0 0.0#
 179 20.9 0.0 0.0#
 108 11.6 0.0 0.0#

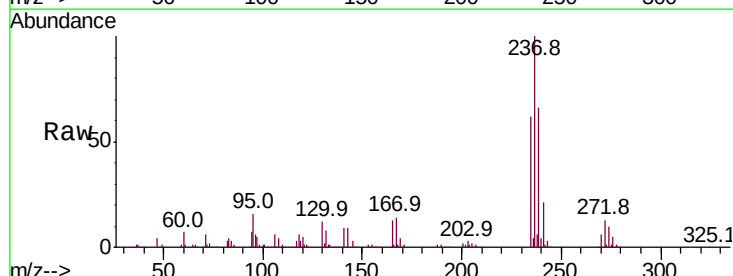


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

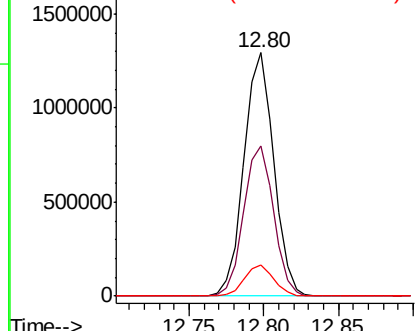
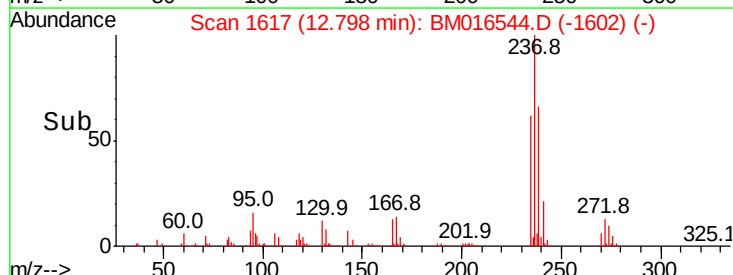


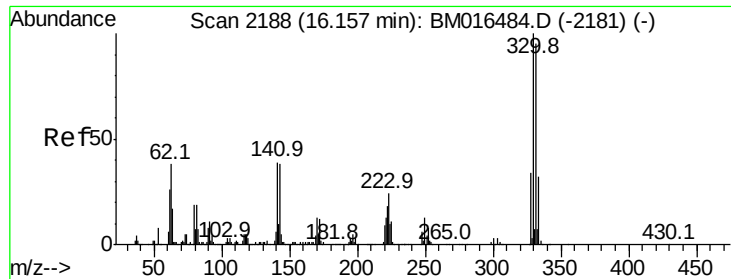
#40
 Hexachlorocyclopentadiene
 Concen: 65.993 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:237 Resp: 1784981
 Ion Ratio Lower Upper
 237 100
 235 61.5 42.0 82.0
 272 12.7 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

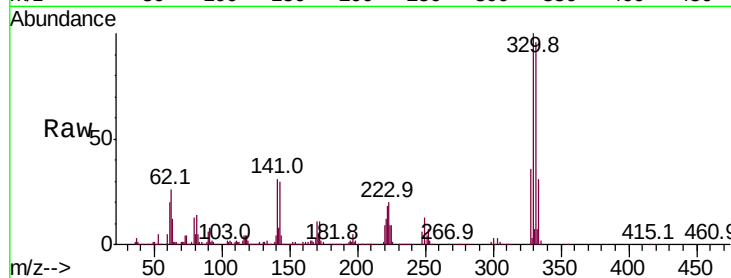




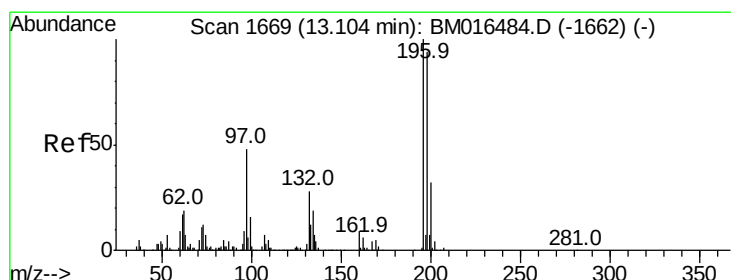
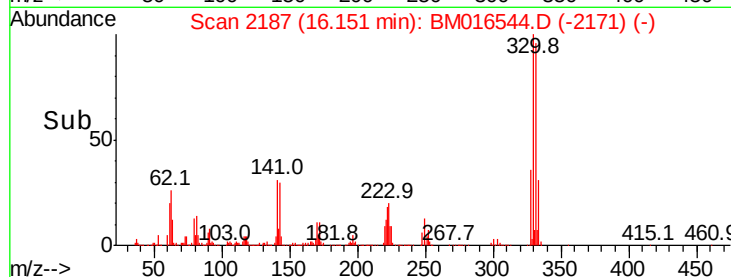
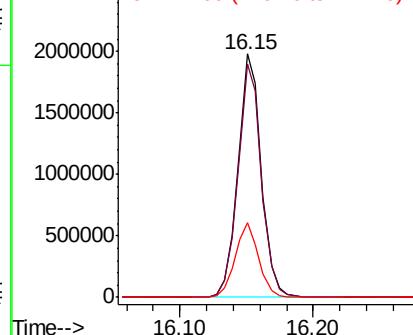
#41
2,4,6-Tribromophenol
Concen: 65.993 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 2414938
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 31.2 0.0 0.0#

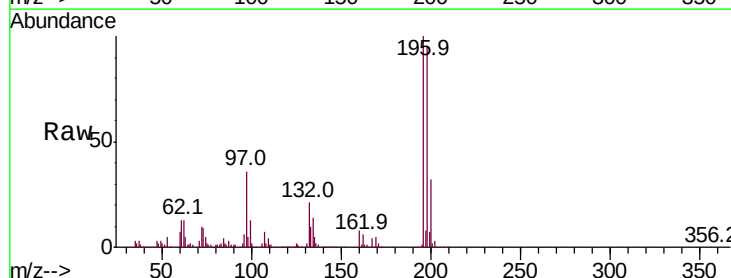


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

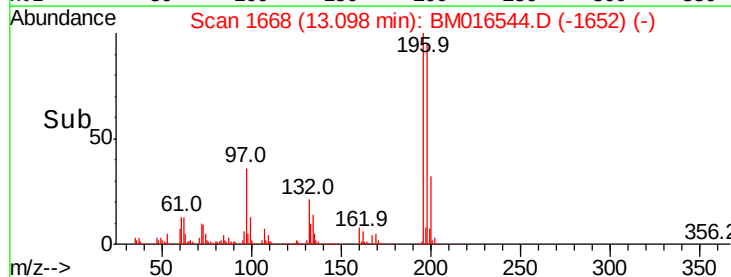
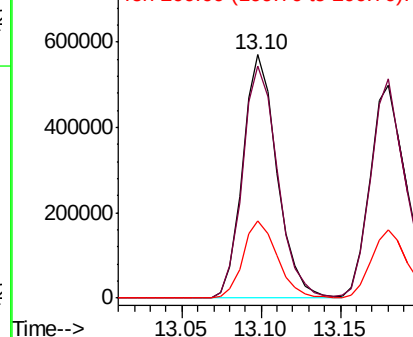


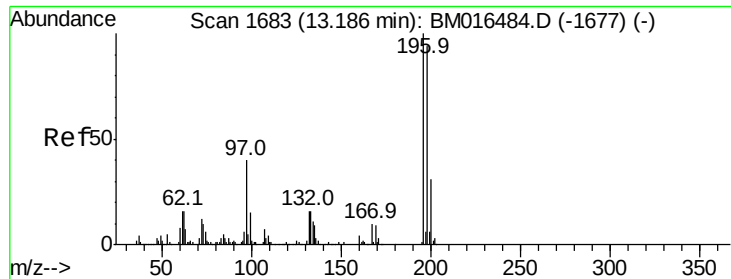
#42
2,4,6-Trichlorophenol
Concen: 22.389 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:196 Resp: 857398
Ion Ratio Lower Upper
196 100
198 95.1 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

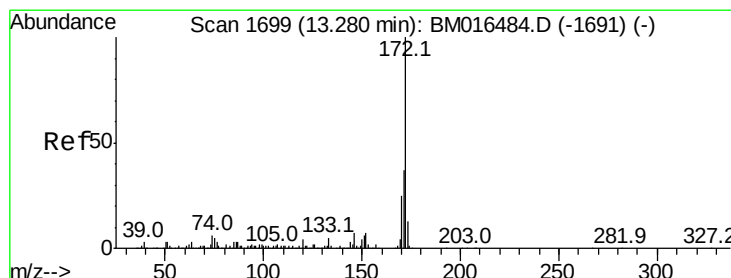
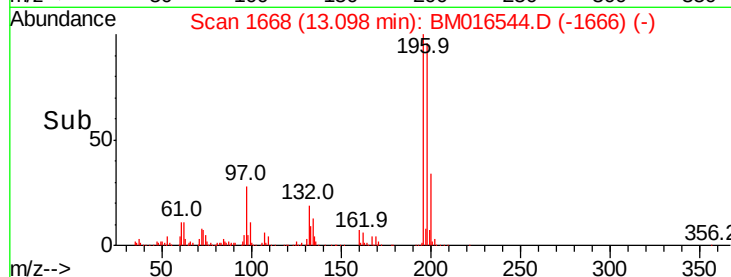
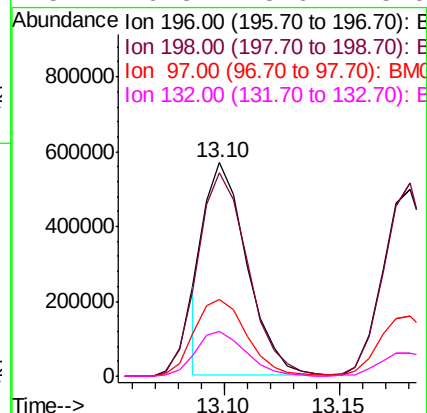
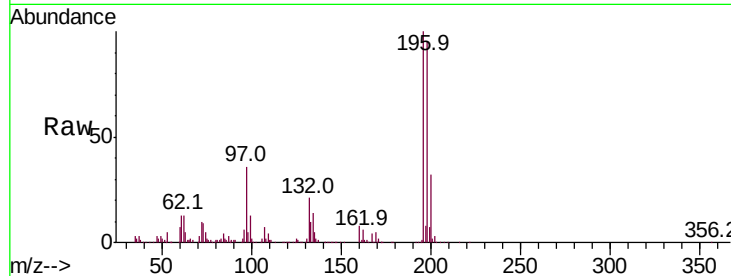




#43
2,4,5-Trichlorophenol
Concen: 19.332 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.09 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

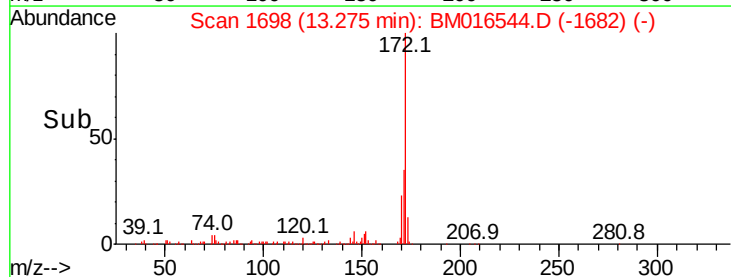
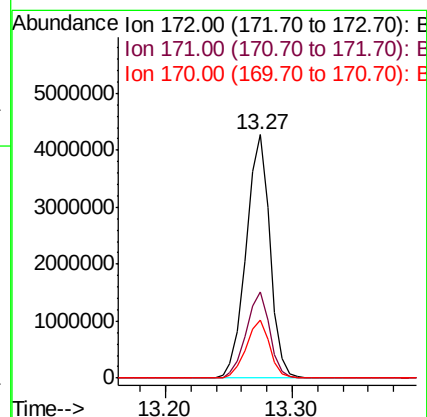
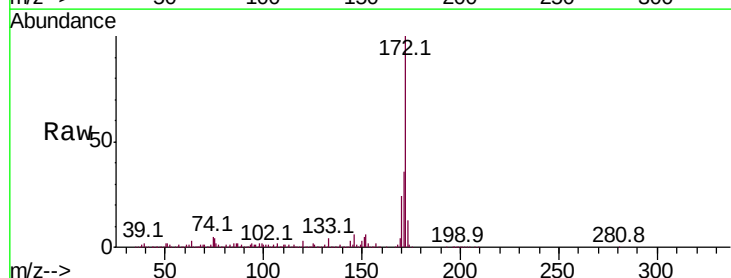
Instrument :
BNA_F
ClientSampleId :

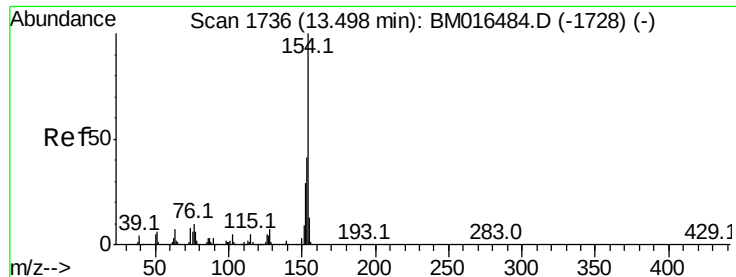
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	79.4	119.0
97	36.1	26.8	40.2
132	20.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 19.332 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.6	18.8	28.2





#45

1,1'-Biphenyl

Concen: 18.413 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

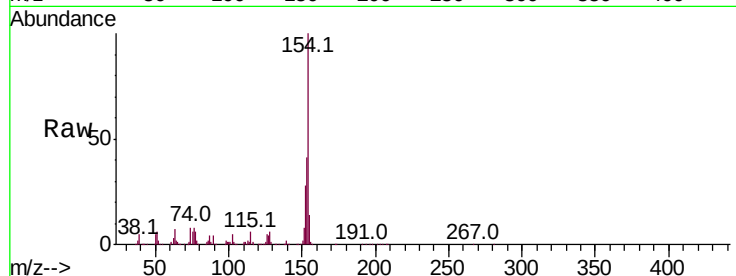
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1830777

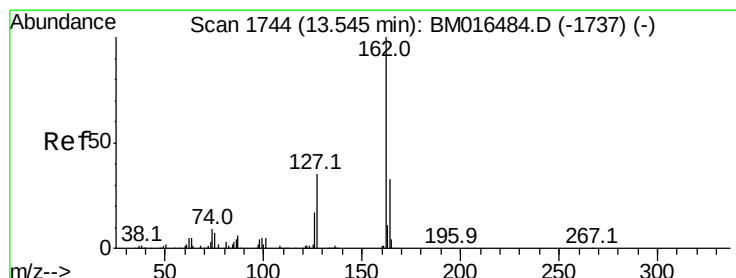
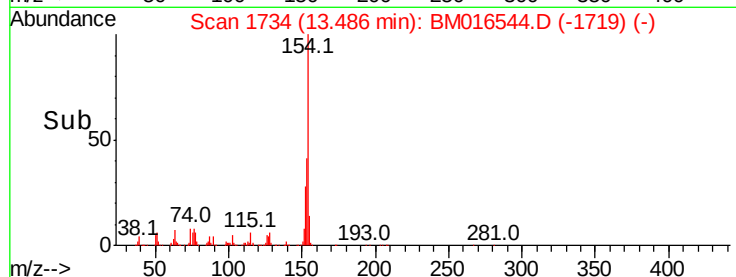
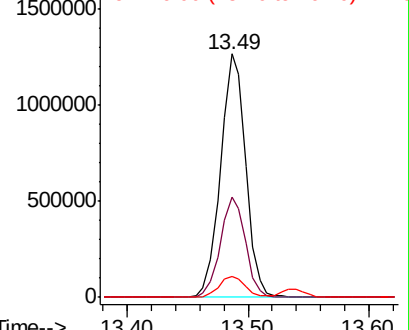
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	8.4	0.0	30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 19.046 ng

RT: 13.54 min Scan# 1743

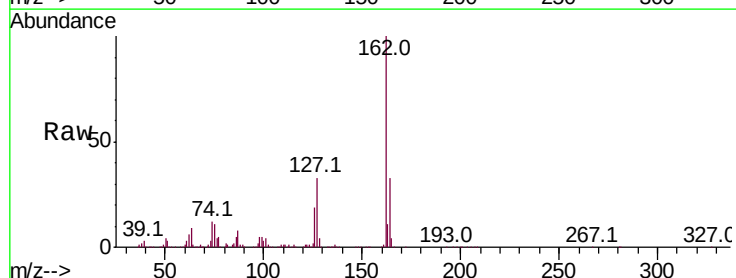
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:162 Resp: 1538492

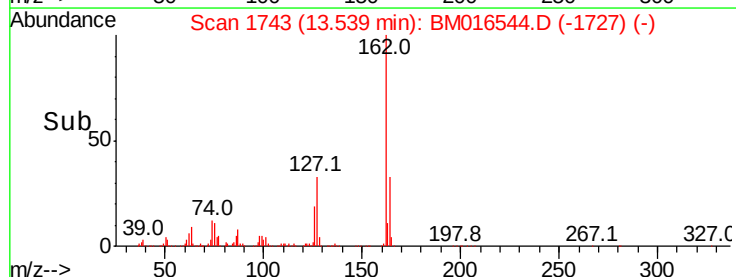
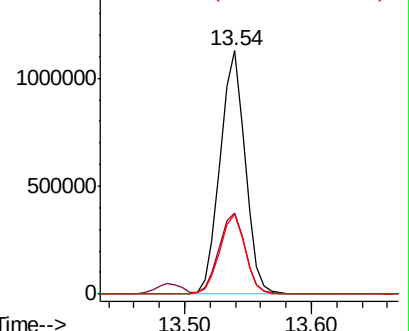
Ion	Ratio	Lower	Upper
162	100		
127	33.1	26.9	40.3
164	32.8	26.8	40.2

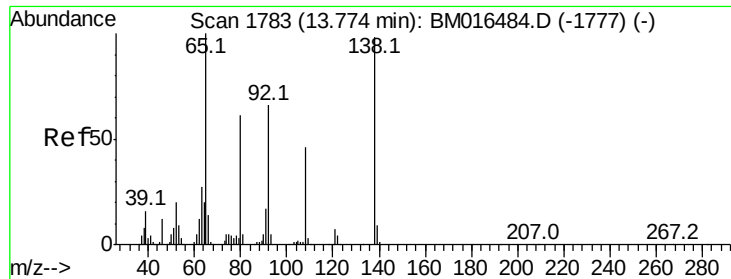


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 15.946 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

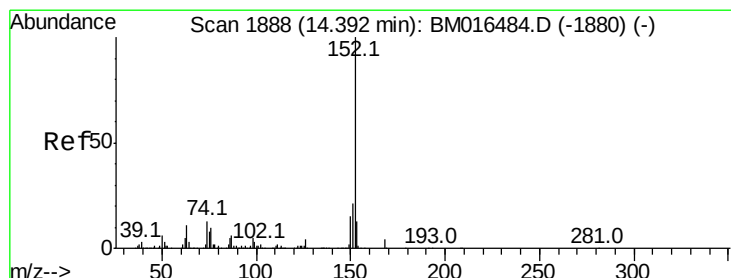
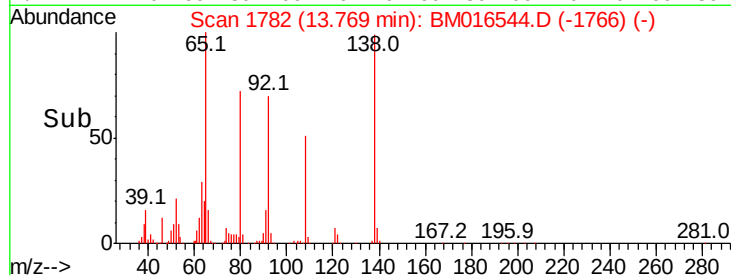
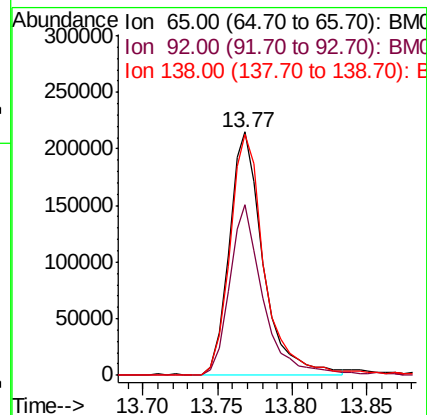
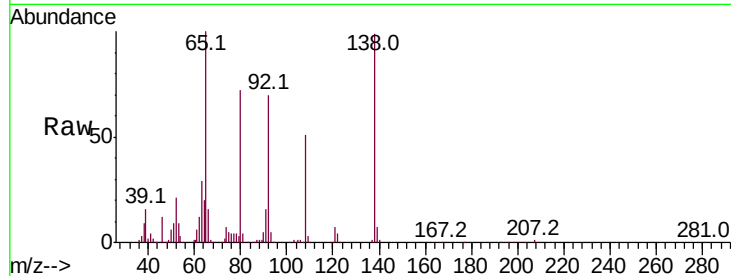
Tot Ion: 65 Resp: 343086

Ion Ratio Lower Upper

65 100

92 70.0 59.1 88.7

138 99.0 93.9 140.9



#48

Acenaphthylene

Concen: 20.085 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

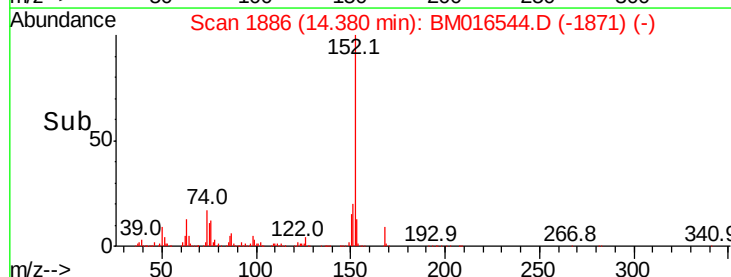
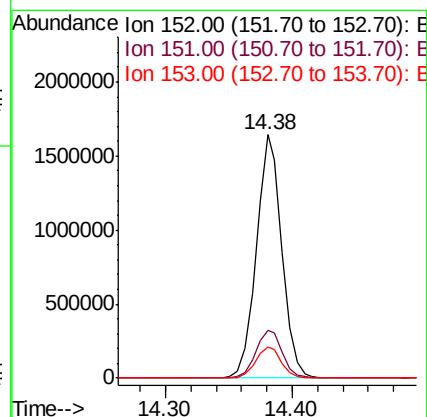
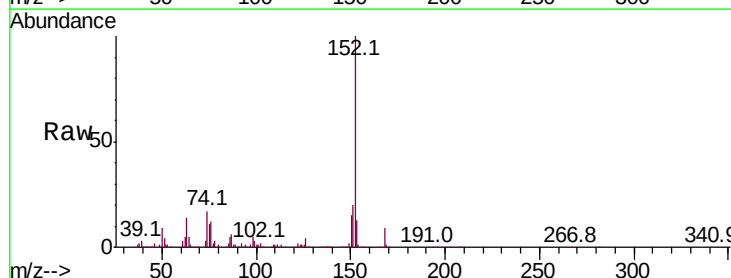
Tgt Ion: 152 Resp: 2290182

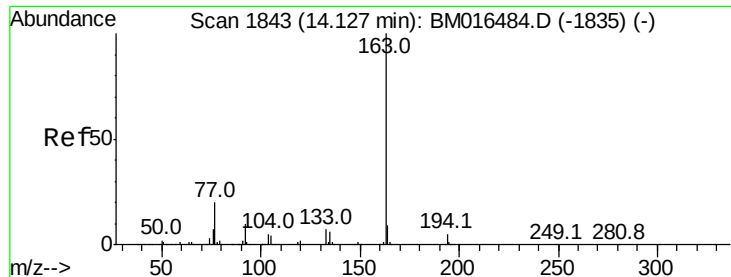
Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 12.8 10.6 16.0

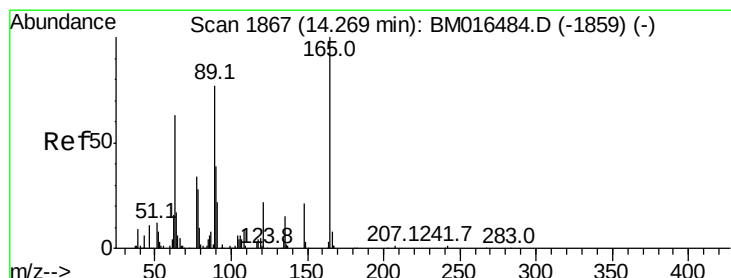
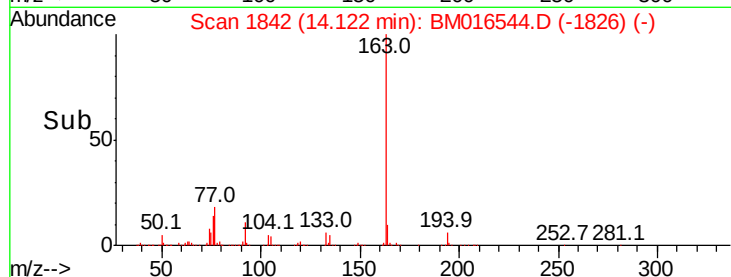
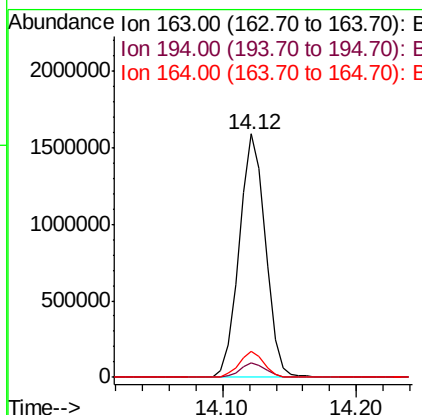
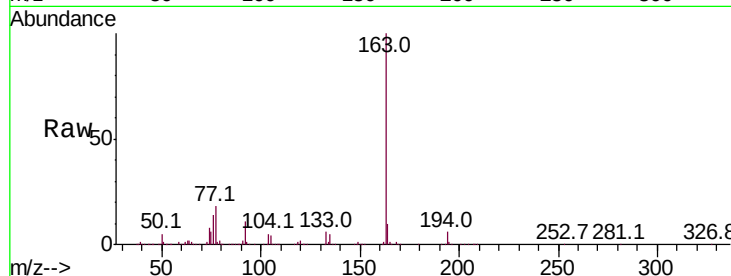




#49
Dimethylphthalate
Concen: 19.805 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

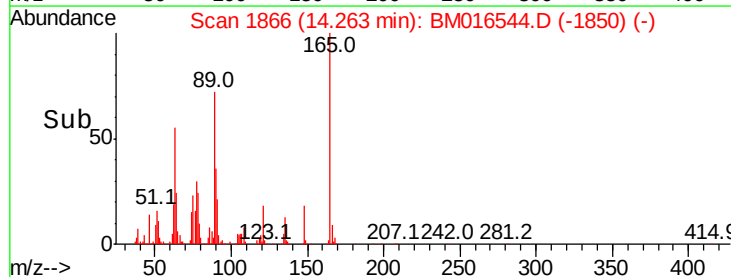
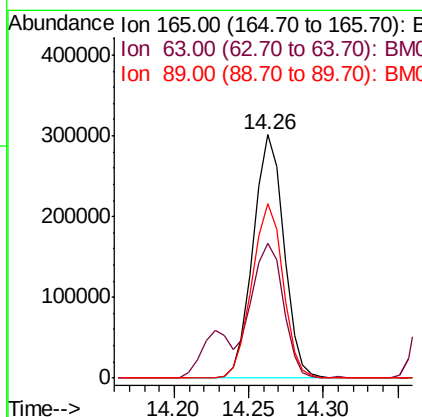
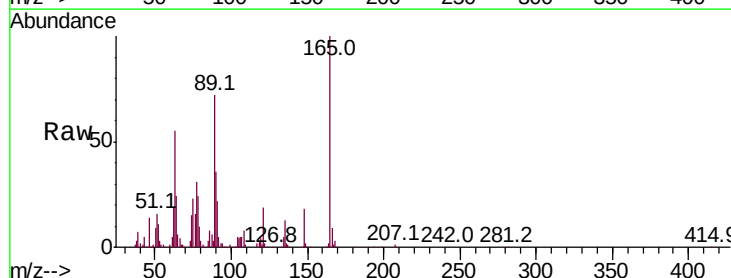
Instrument :
BNA_F
ClientSampleId :

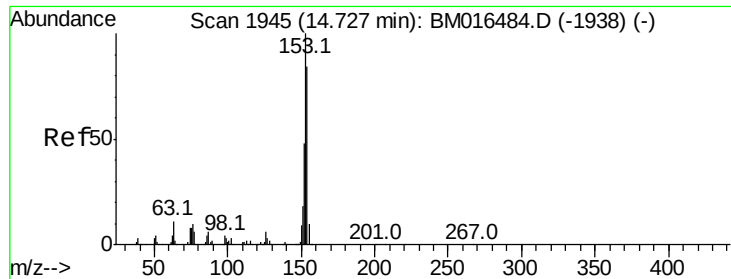
Tot Ion:163 Resp: 2157566
Ion Ratio Lower Upper
163 100
194 5.9 2.7 4.1#
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 20.141 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:165 Resp: 427954
Ion Ratio Lower Upper
165 100
63 55.3 44.1 66.1
89 71.9 44.3 66.5#





#51

Acenaphthene

Concen: 18.992 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

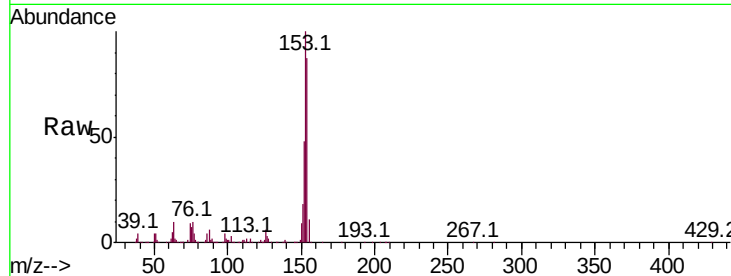
Tot Ion:154 Resp: 1330366

Ion Ratio Lower Upper

154 100

153 115.6 90.0 135.0

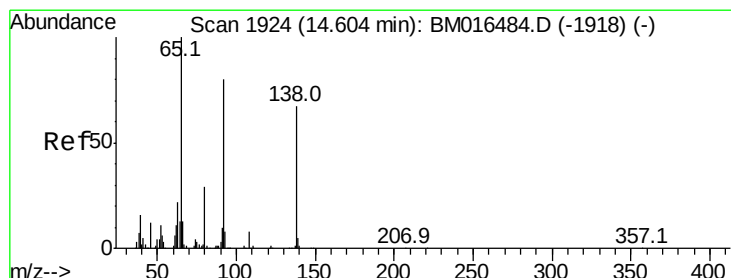
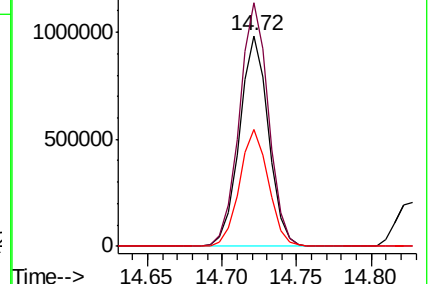
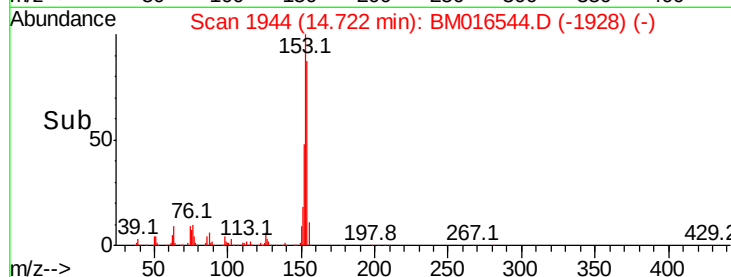
152 55.7 42.6 63.8



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: 8.495 ng

RT: 14.60 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

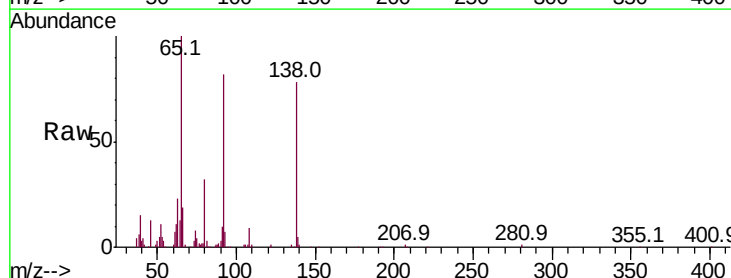
Tgt Ion:138 Resp: 164243

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

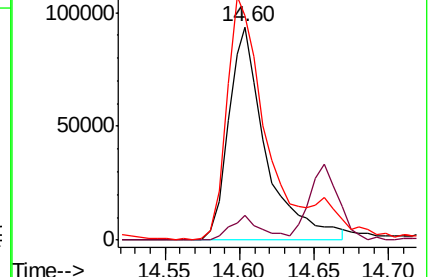
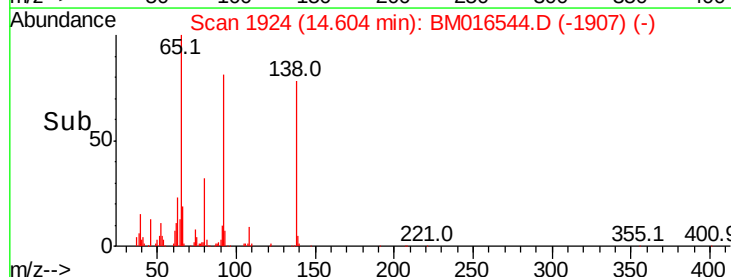
92 105.3 76.6 114.8

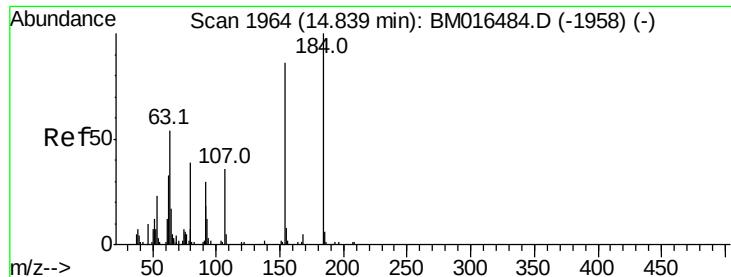


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

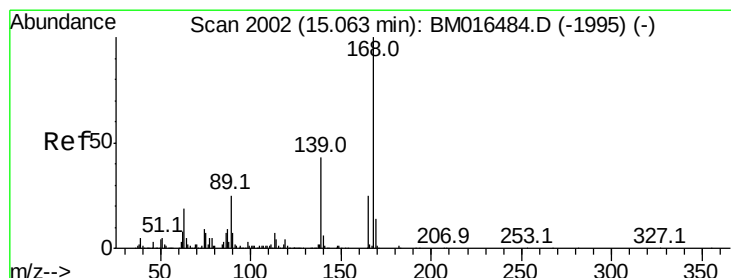
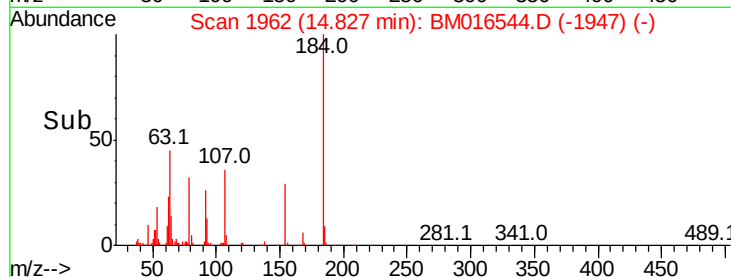
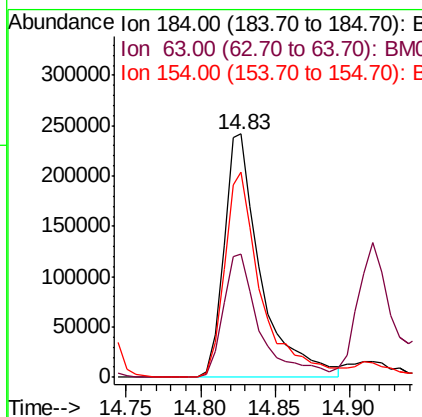
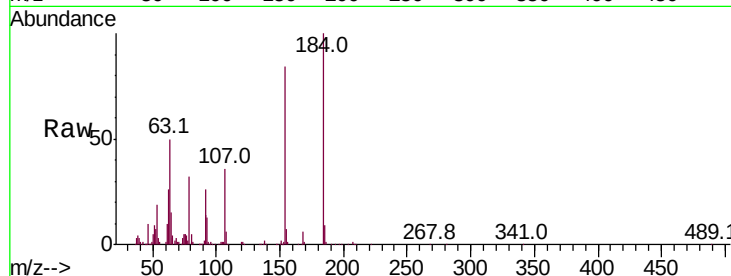




#53
2,4-Dinitrophenol
Concen: 39.212 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

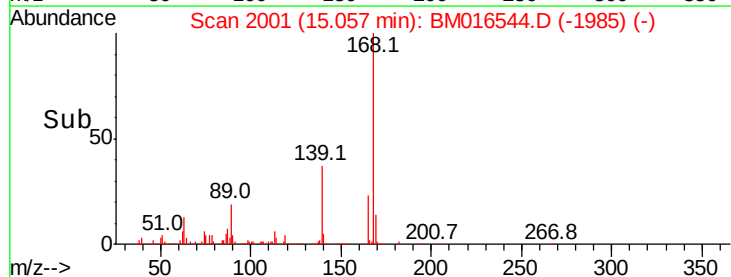
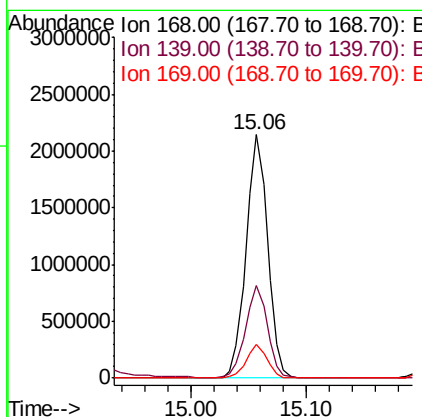
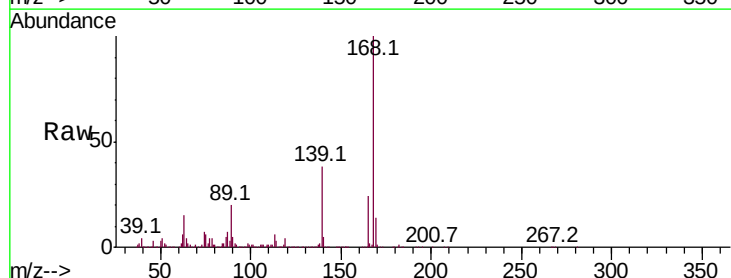
Instrument :
BNA_F
ClientSampleId :

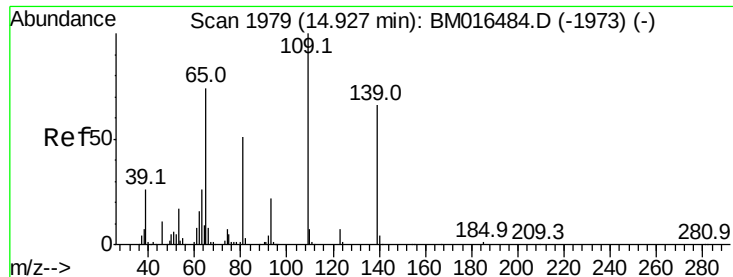
Tot Ion:184 Resp: 416960
Ion Ratio Lower Upper
184 100
63 50.5 69.2 103.8#
154 84.5 53.3 79.9#



#54
Dibenzofuran
Concen: 20.769 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:168 Resp: 2785146
Ion Ratio Lower Upper
168 100
139 37.8 27.3 40.9
169 13.9 10.6 16.0

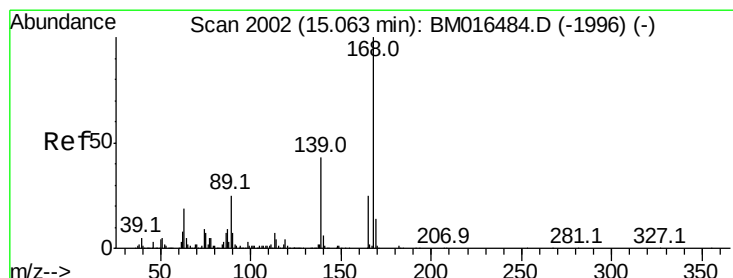
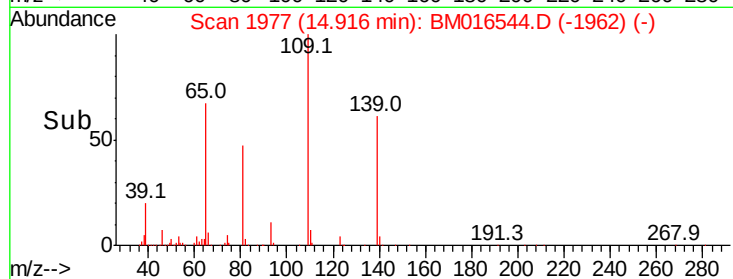
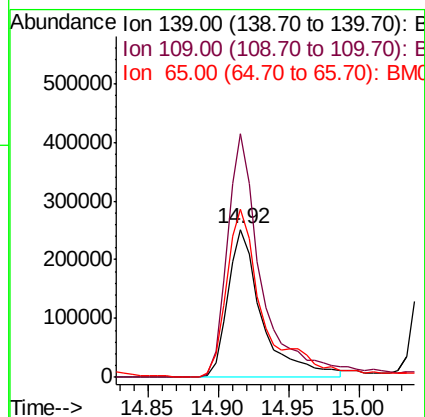
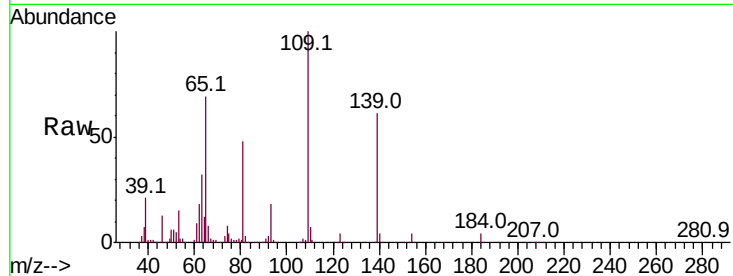




#55
4-Nitrophenol
Concen: 34.541 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

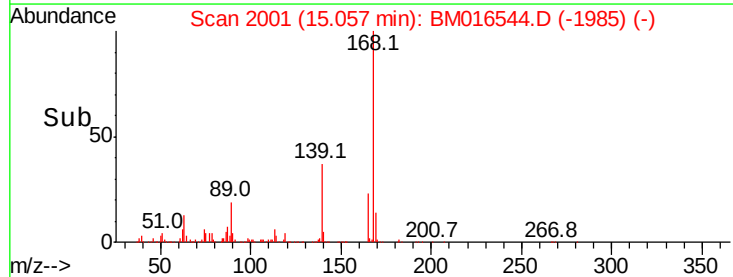
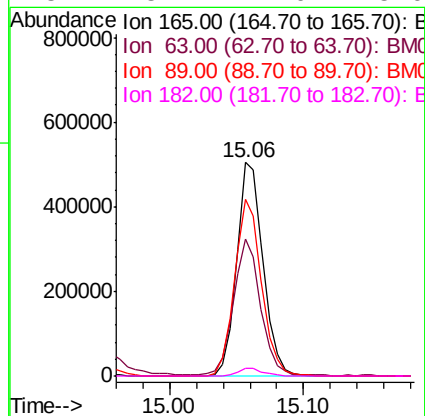
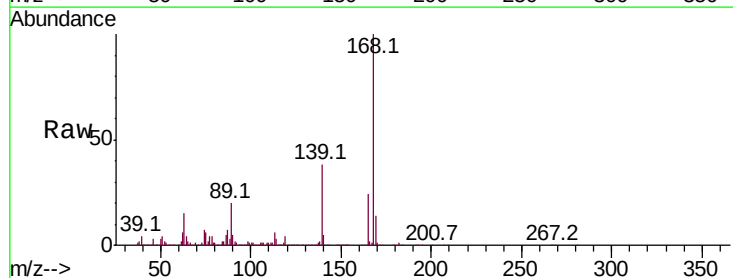
Instrument :
BNA_F
ClientSampleId :

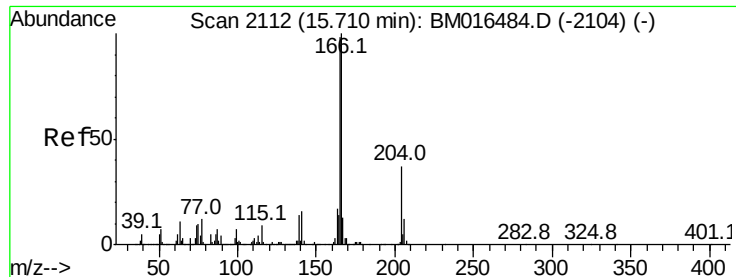
Tot Ion:139 Resp: 425939
Ion Ratio Lower Upper
139 100
109 164.8 130.0 170.0
65 113.6 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 19.544 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:165 Resp: 692470
Ion Ratio Lower Upper
165 100
63 63.9 52.4 78.6
89 82.9 72.4 108.6
182 3.4 2.0 3.0#

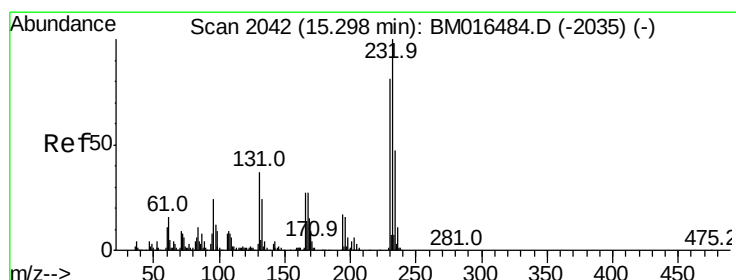
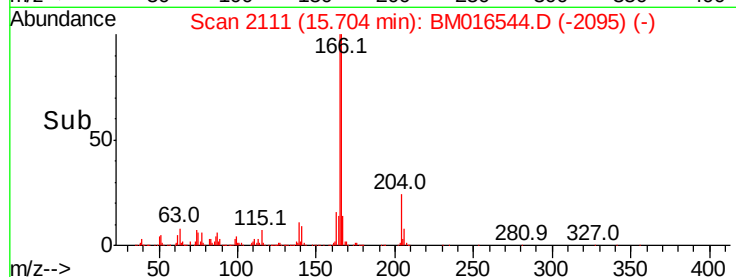
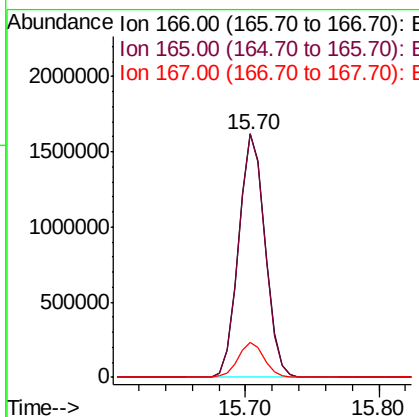
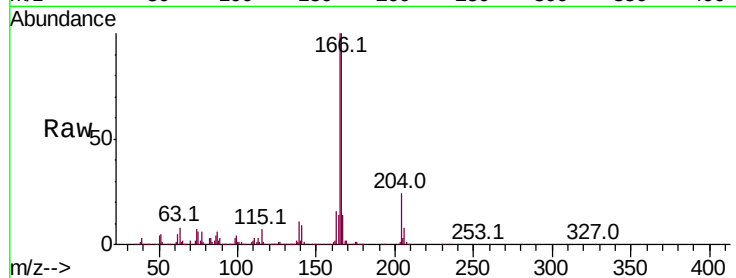




#57
 Fluorene
 Concen: 21.898 ng
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

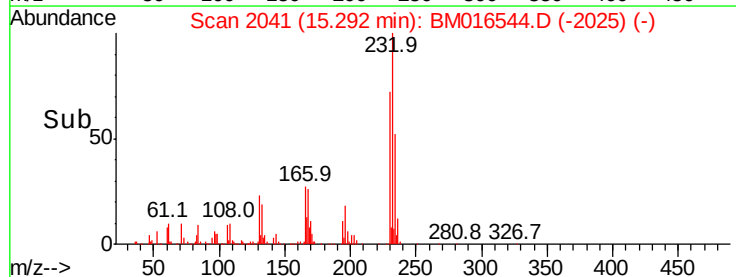
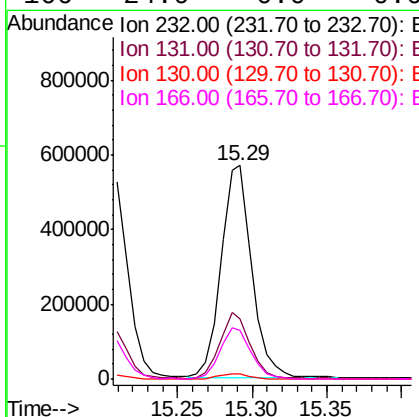
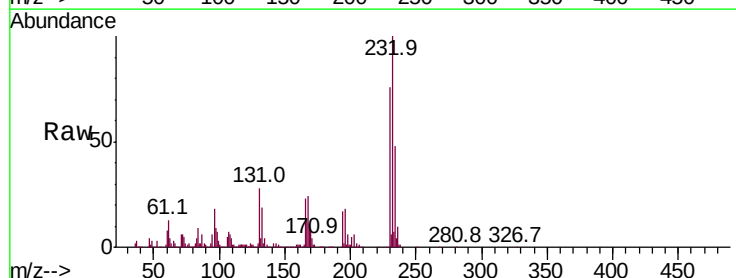
Instrument :
 BNA_F
 ClientSampleId :

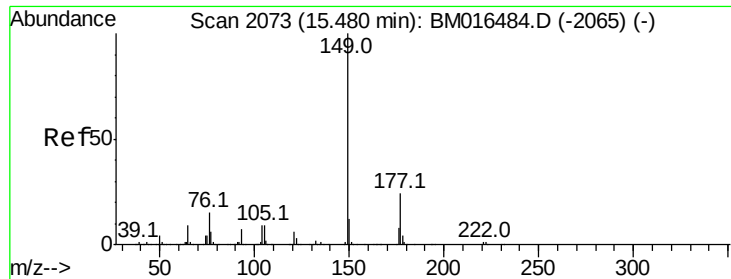
Tot Ion:166 Resp: 2218341
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.0 118.4
 167 14.2 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.759 ng
 RT: 15.29 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:232 Resp: 818262
 Ion Ratio Lower Upper
 232 100
 131 30.8 0.0 0.0#
 130 2.5 0.0 0.0#
 166 24.0 0.0 0.0#

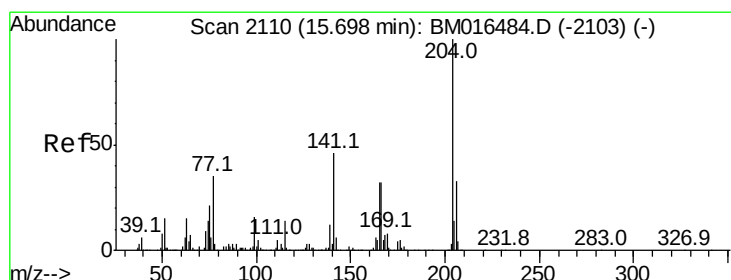
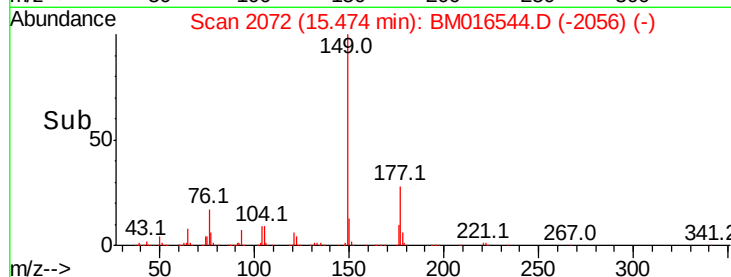
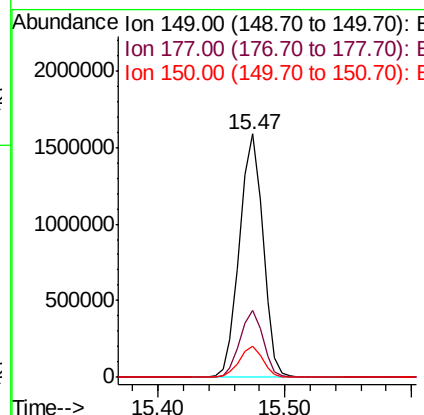
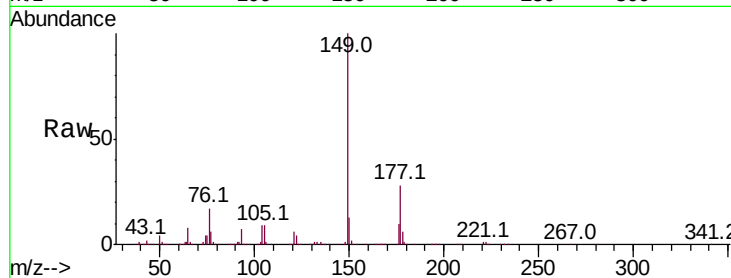




#59
Diethylphthalate
Concen: 17.856 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

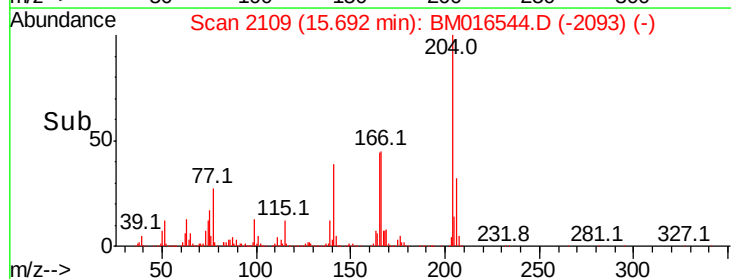
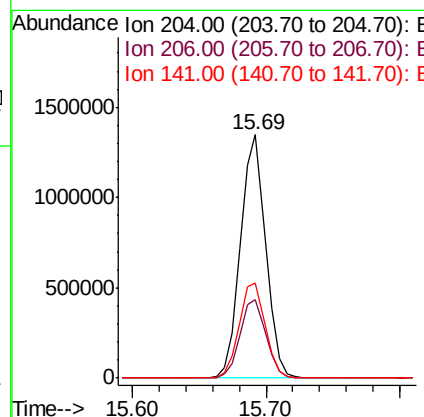
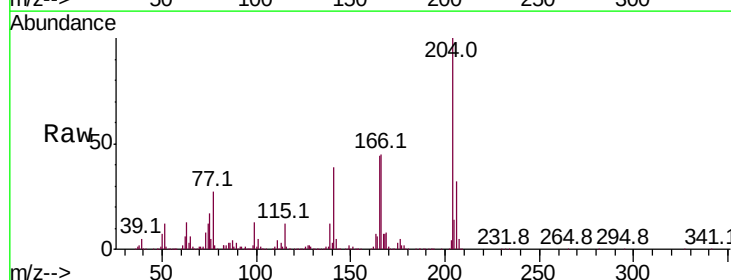
Instrument :
BNA_F
ClientSampleId :

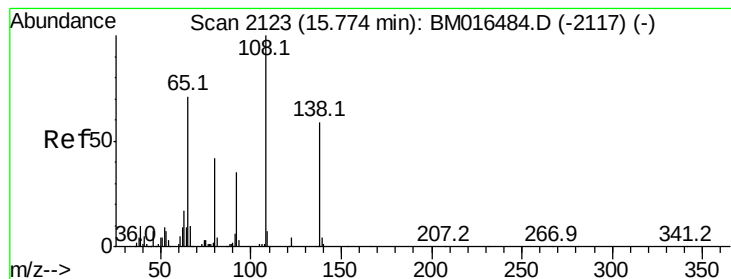
Tot Ion:149 Resp: 2028265
Ion Ratio Lower Upper
149 100
177 27.6 18.3 27.5#
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 20.832 ng
RT: 15.69 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:204 Resp: 1769761
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 39.2 45.2 67.8#





#61

4-Nitroaniline

Concen: 14.770 ng

RT: 15.77 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

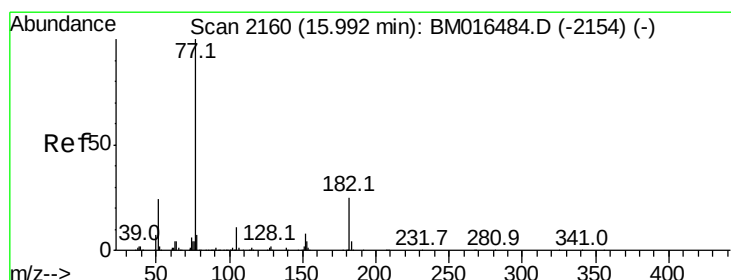
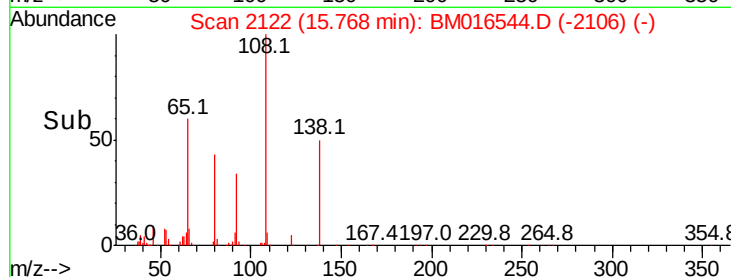
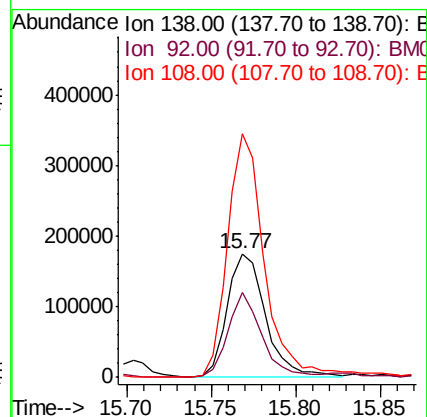
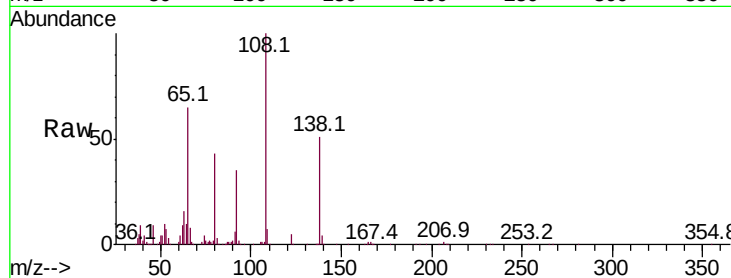
Tot Ion:138 Resp: 279075

Ion Ratio Lower Upper

138 100

92 68.3 16.7 56.7#

108 196.6 37.6 77.6#



#62

Azobenzene

Concen: 17.924 ng

RT: 15.99 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion: 77 Resp: 2168485

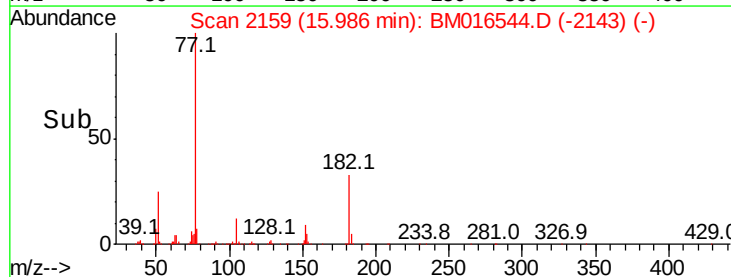
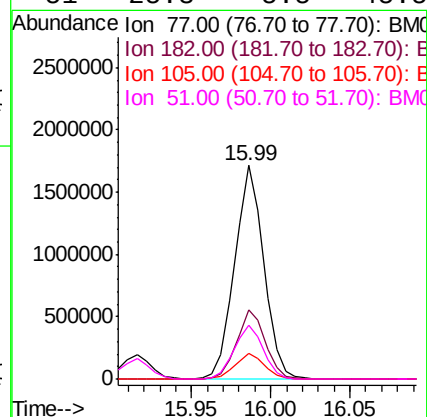
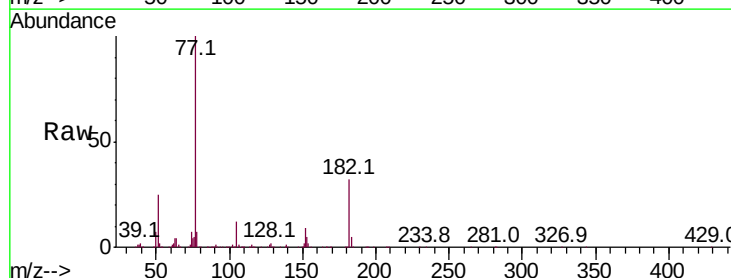
Ion Ratio Lower Upper

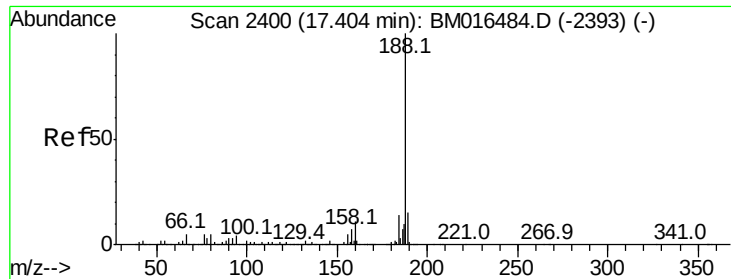
77 100

182 32.5 6.5 46.5

105 12.2 3.8 43.8

51 25.3 5.5 45.5

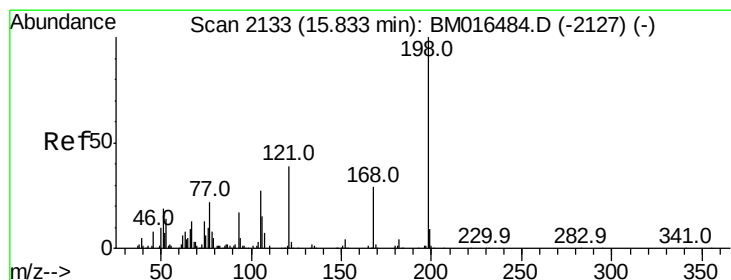
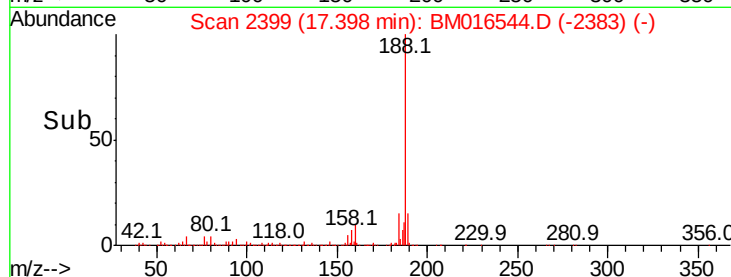
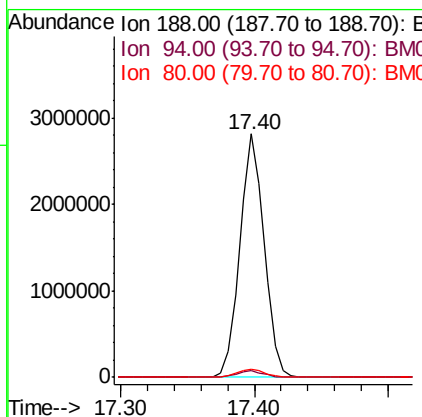
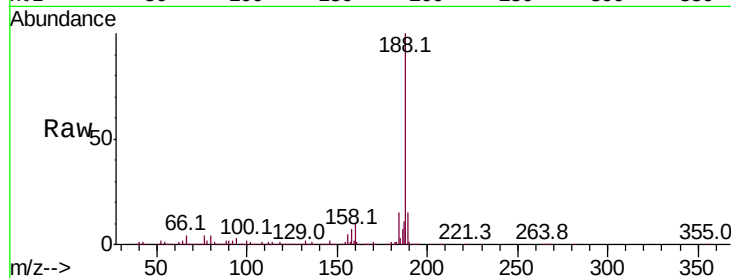




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

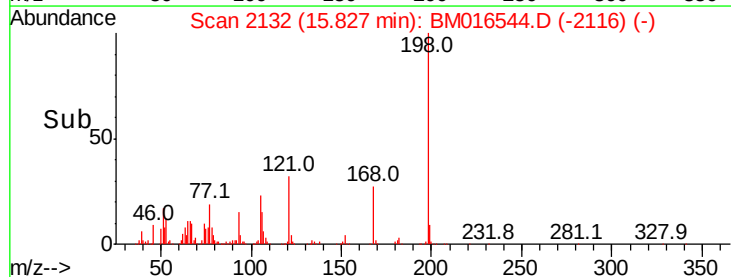
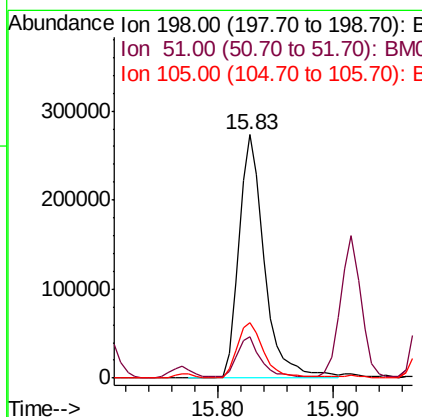
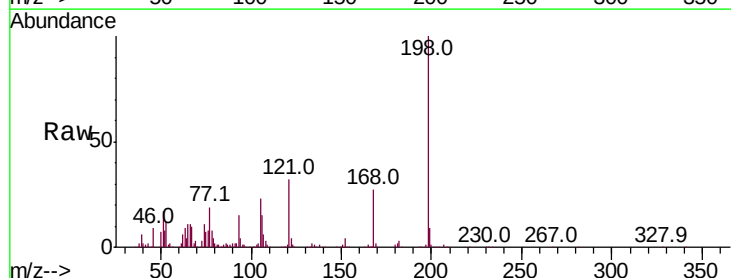
Instrument :
BNA_F
ClientSampleId :

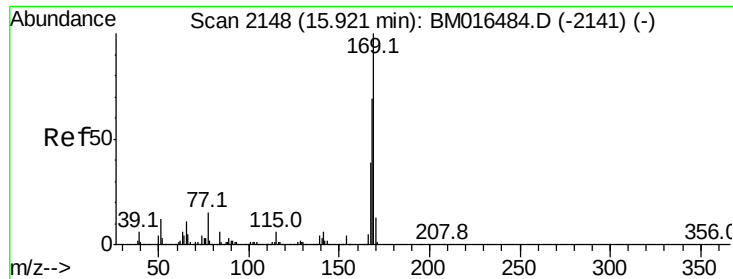
Tot Ion:188 Resp: 3544614
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 3.5 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.514 ng
RT: 15.83 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:198 Resp: 417828
Ion Ratio Lower Upper
198 100
51 16.9 28.8 68.8#
105 23.0 30.5 70.5#

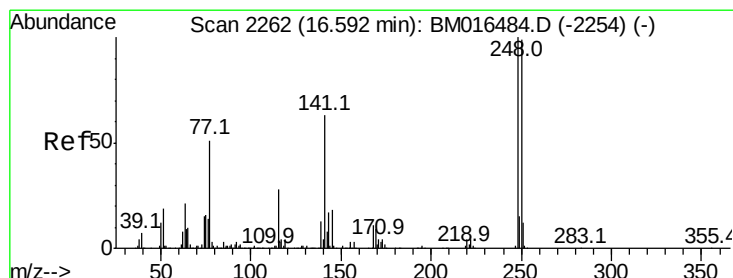
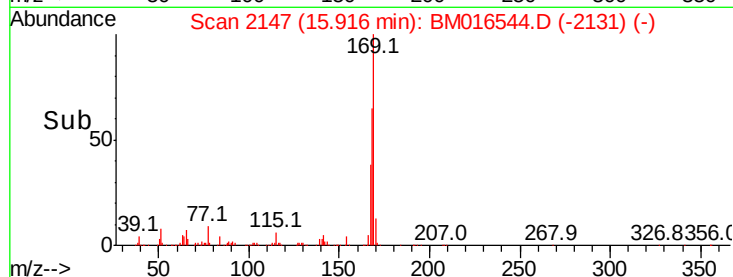
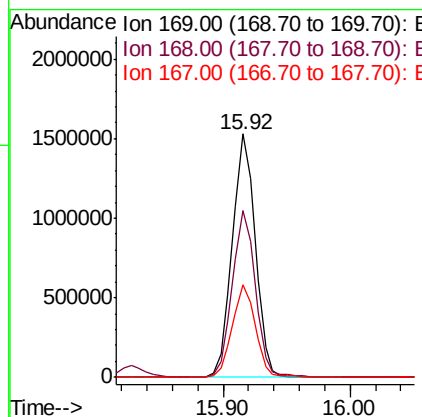
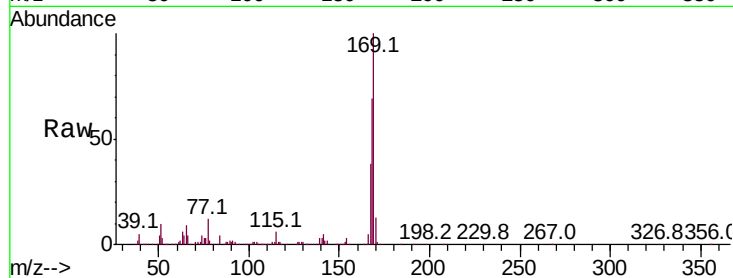




#65
n-Nitrosodiphenylamine
Concen: 19.163 ng
RT: 15.92 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

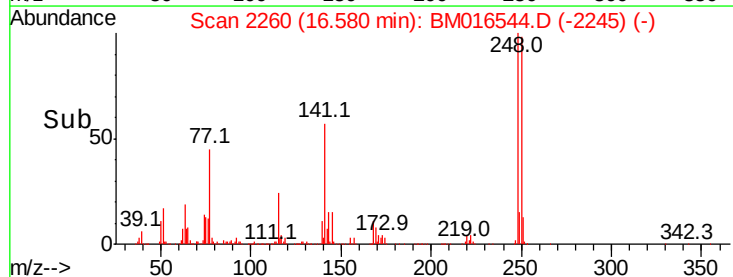
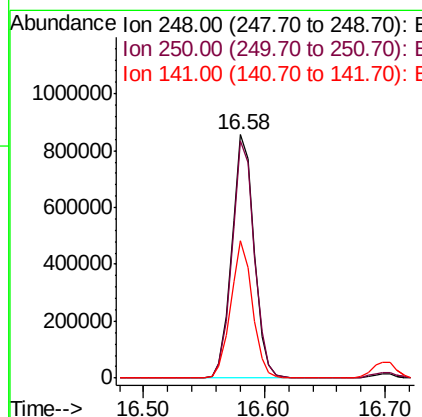
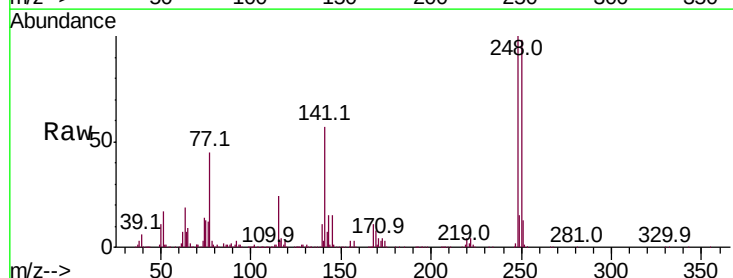
Instrument :
BNA_F
ClientSampleId :

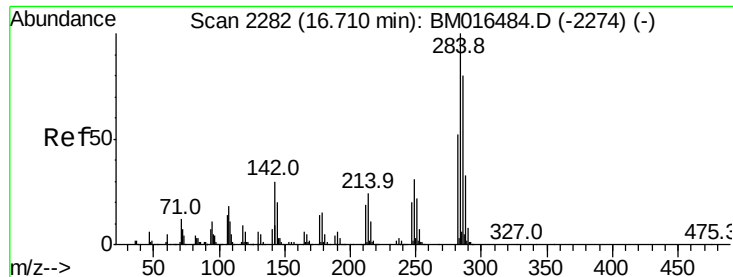
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.9	80.9
167	38.1	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 20.172 ng
RT: 16.58 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.0
141	56.7	45.2	67.8

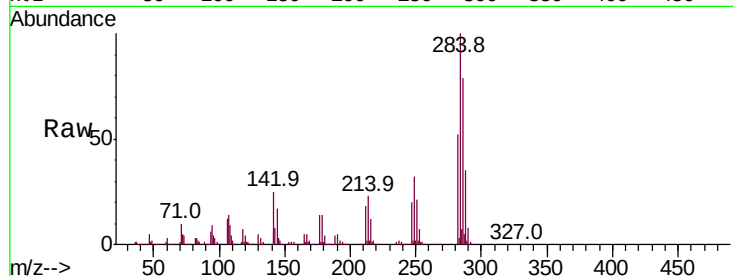




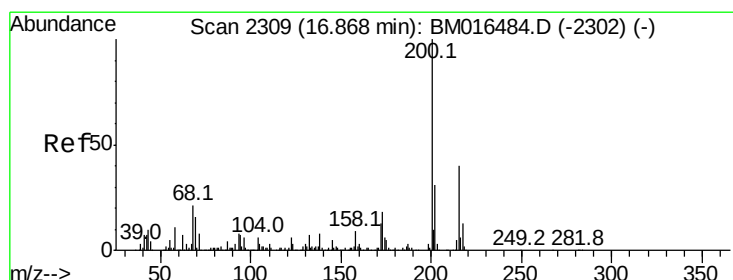
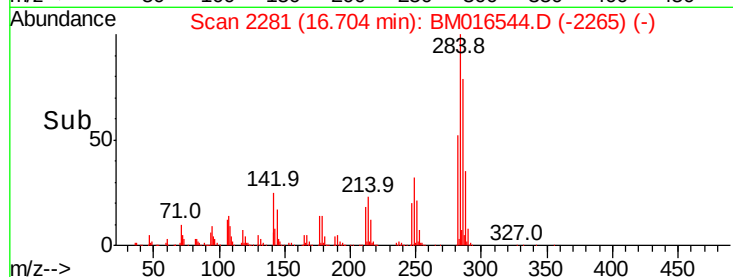
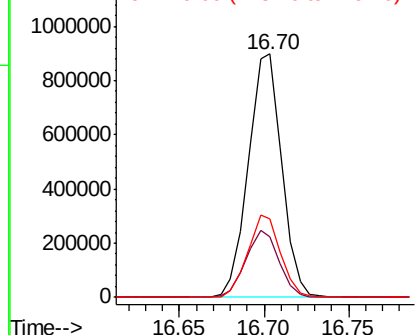
#67
Hexachlorobenzene
Concen: 19.556 ng
RT: 16.70 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.4	30.6
249	32.4	23.8	35.6

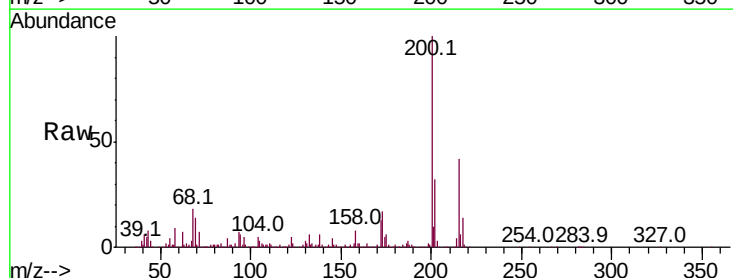


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

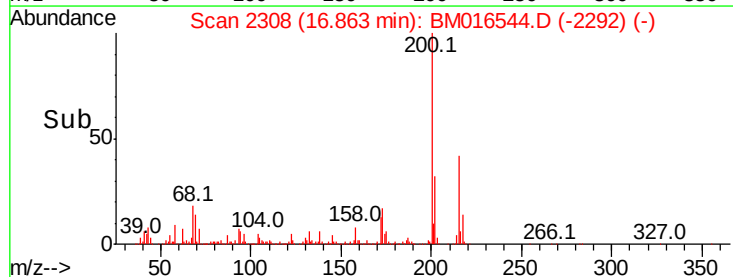
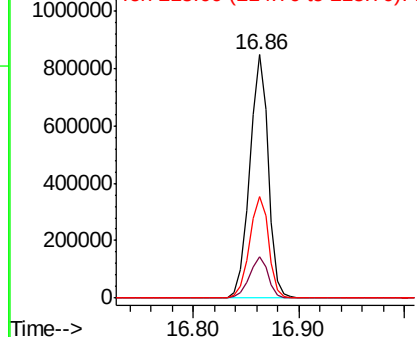


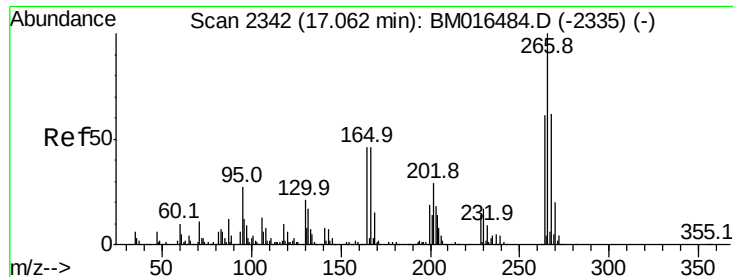
#68
Atrazine
Concen: 22.730 ng
RT: 16.86 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	16.9	4.8	44.8
215	41.6	26.9	66.9



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



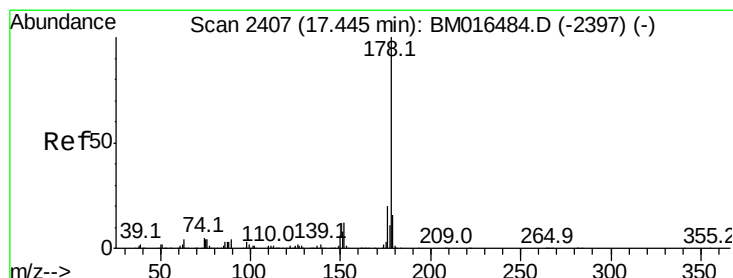
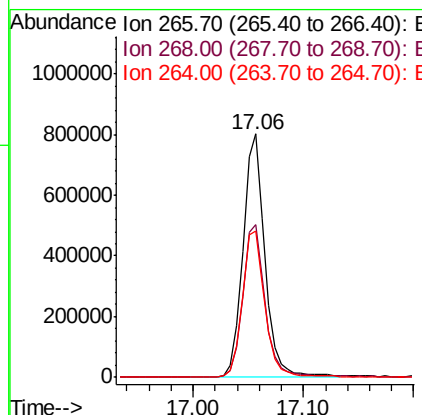
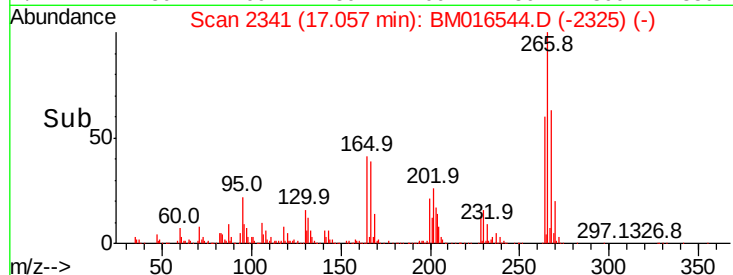
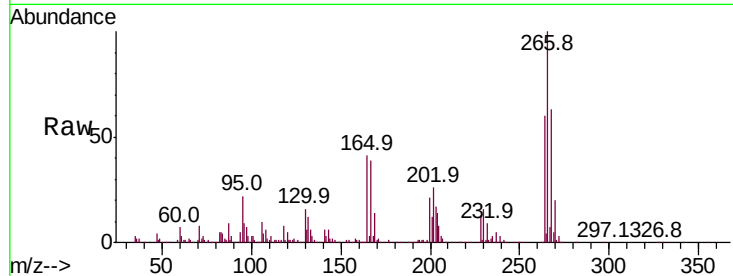


#69
 Pentachlorophenol
 Concen: 33.283 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 1118535

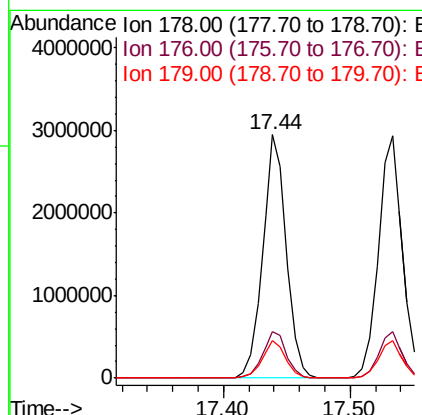
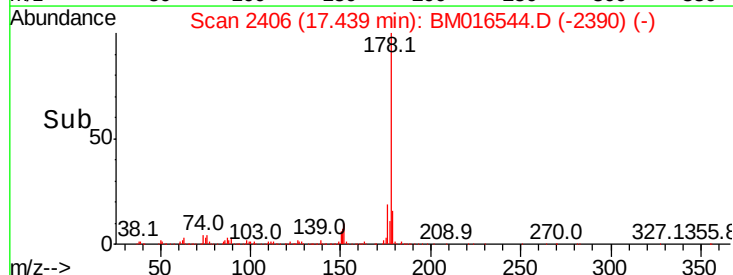
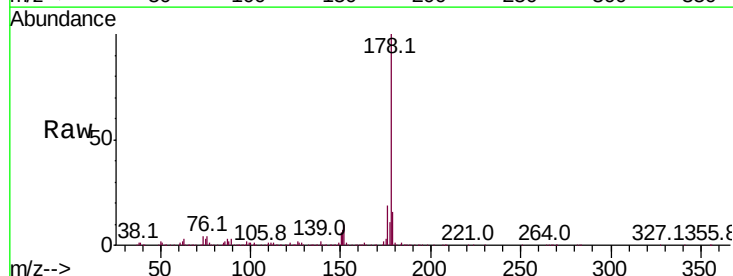
Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.0	78.0
264	60.1	49.0	73.4

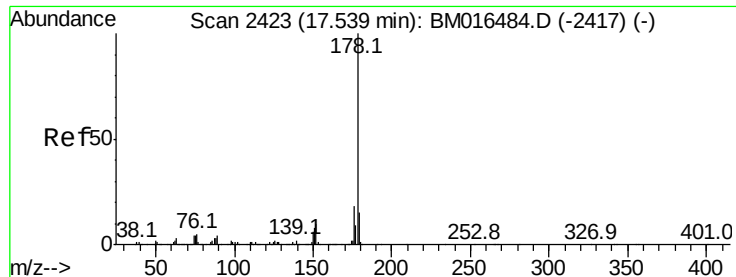


#70
 Phenanthrene
 Concen: 20.706 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:178 Resp: 3793427

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.1	18.1



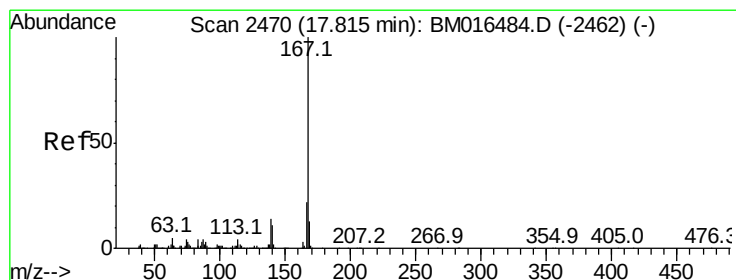
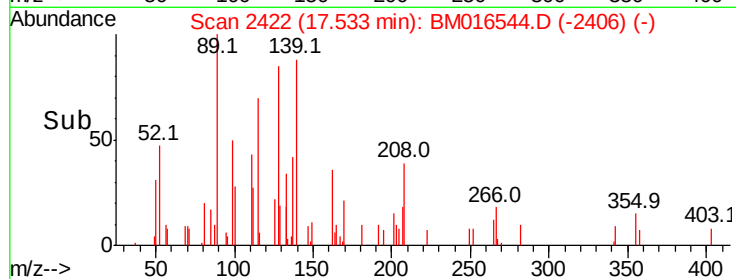
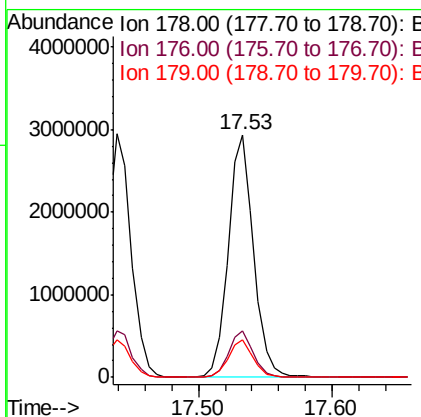
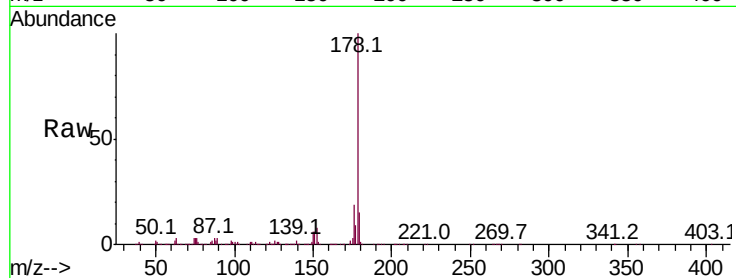


#71
 Anthracene
 Concen: 21.254 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 3866607

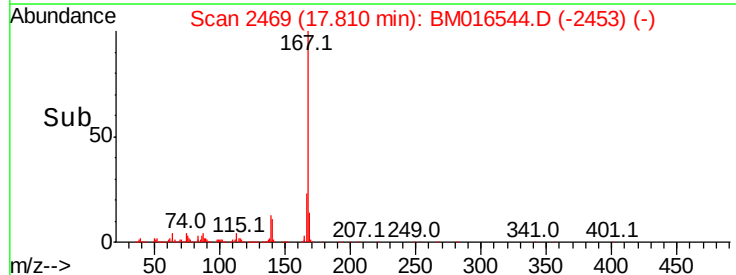
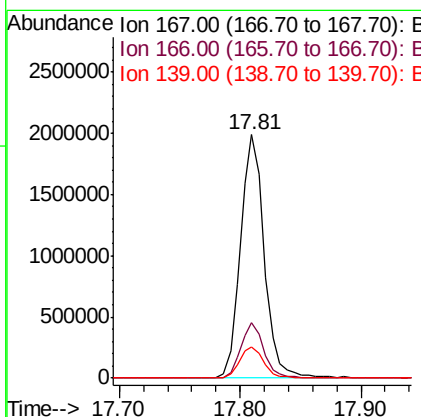
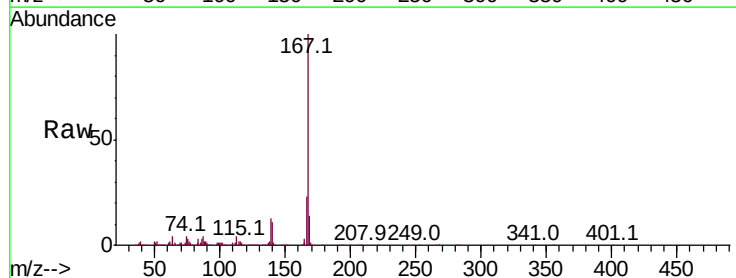
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.6	19.0

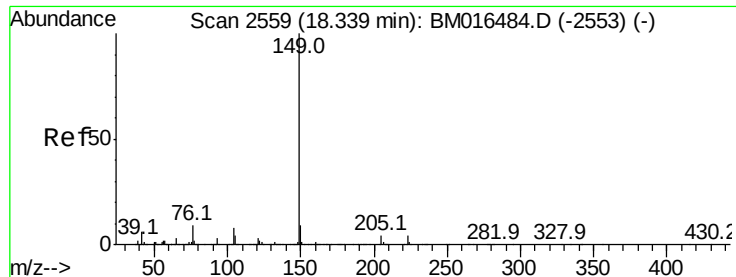


#72
 Carbazole
 Concen: 16.711 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:167 Resp: 2732110

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	12.6	10.8	16.2





#73

Di-n-butylphthalate

Concen: 17.054 ng

RT: 18.33 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

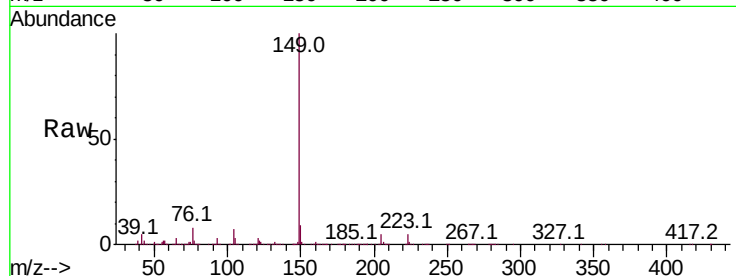
Tot Ion:149 Resp: 3399172

Ion Ratio Lower Upper

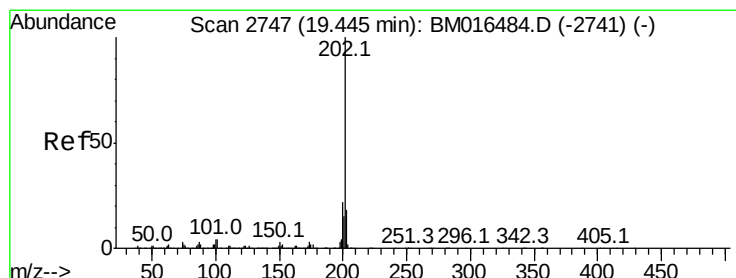
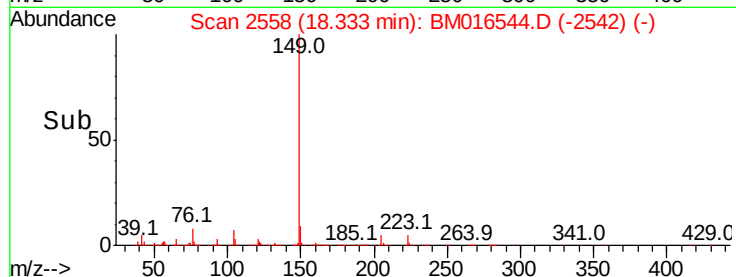
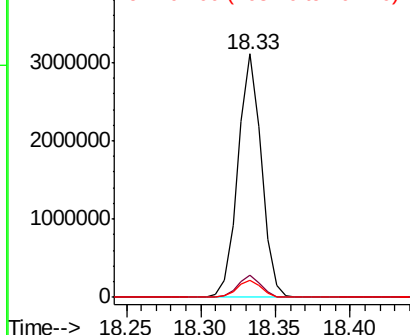
149 100

150 9.1 7.5 11.3

104 7.2 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 19.966 ng

RT: 19.44 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

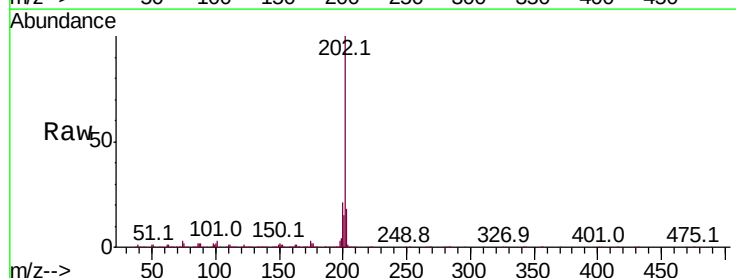
Tgt Ion:202 Resp: 5363383

Ion Ratio Lower Upper

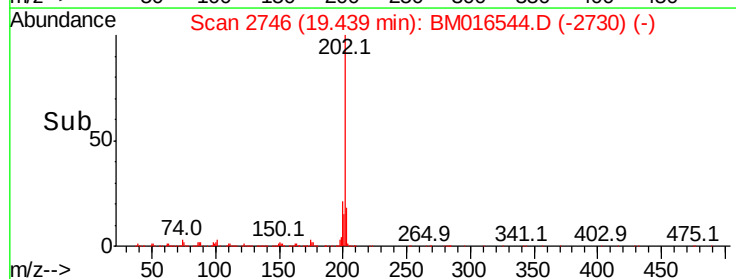
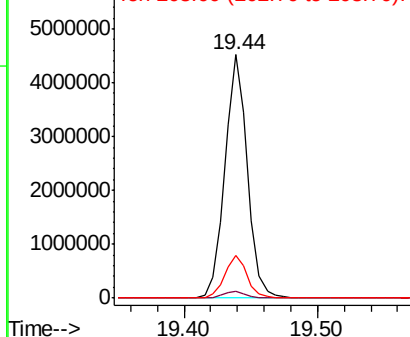
202 100

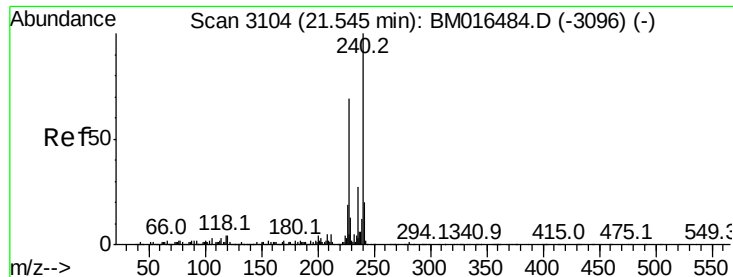
101 2.7 0.0 28.7

203 17.6 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

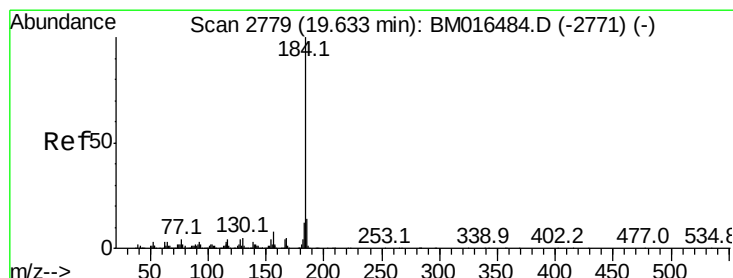
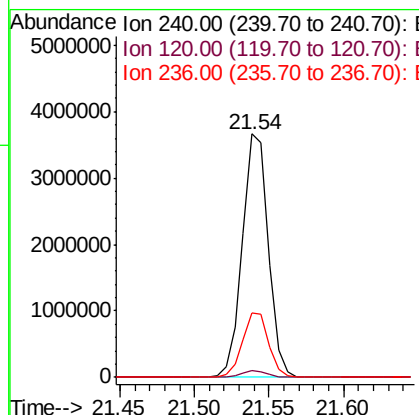
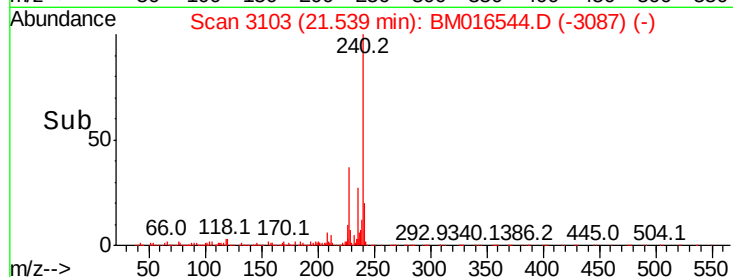
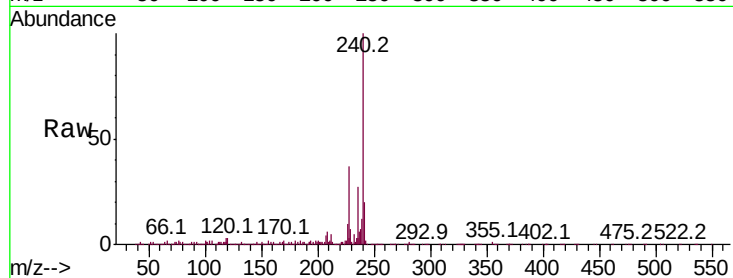




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

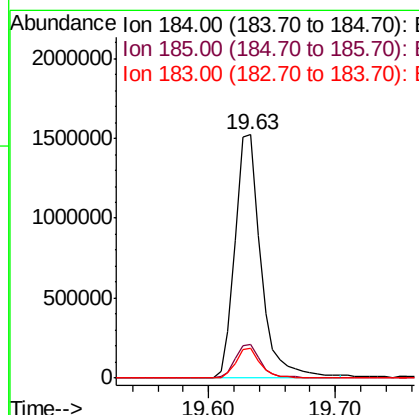
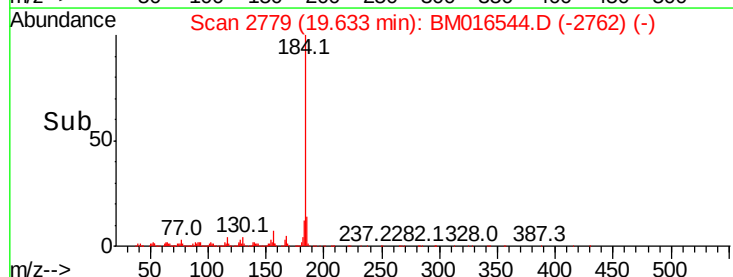
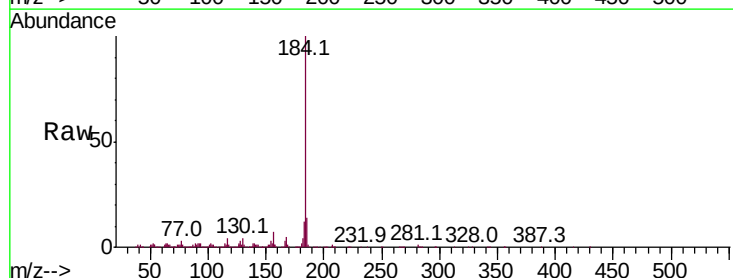
Instrument :
 BNA_F
 ClientSampleId :

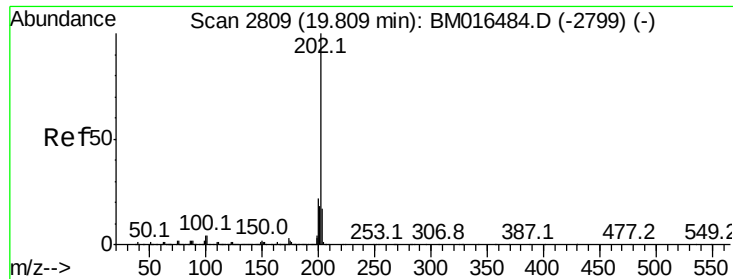
Tot Ion:240 Resp: 4409166
 Ion Ratio Lower Upper
 240 100
 120 2.8 8.2 12.2#
 236 26.7 20.0 30.0



#76
 Benzidine
 Concen: 25.431 ng
 RT: 19.63 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:184 Resp: 2156394
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.3 16.9
 183 12.2 8.9 13.3





#77

Pvrene

Concen: 22.577 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

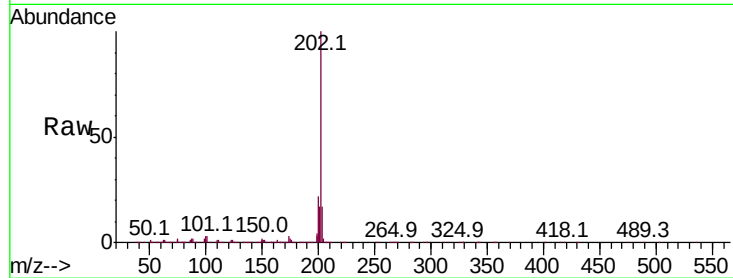
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 5410026

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.3	14.1	21.1

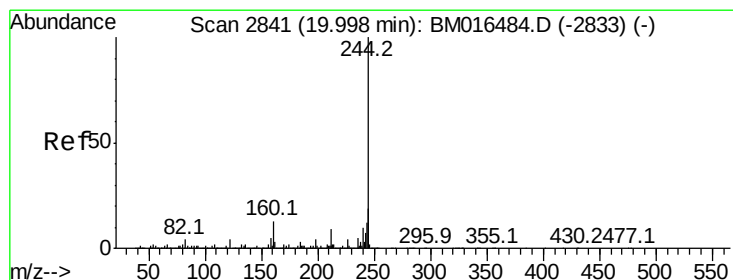
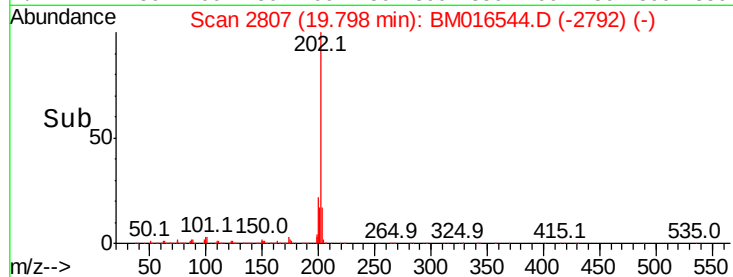
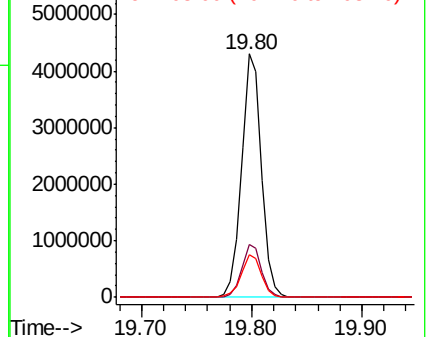


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 22.577 ng

RT: 19.99 min Scan# 2839

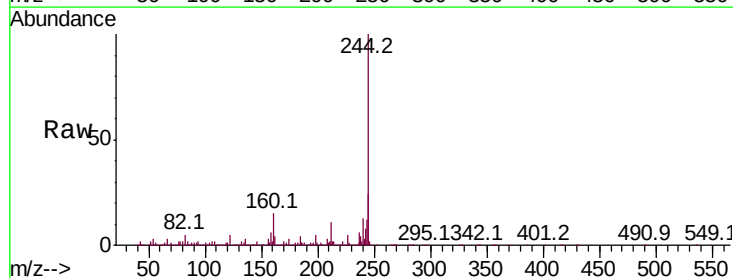
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:244 Resp:10511528

Ion	Ratio	Lower	Upper
244	100		
212	10.9	4.9	7.3#
122	4.8	6.2	9.4#

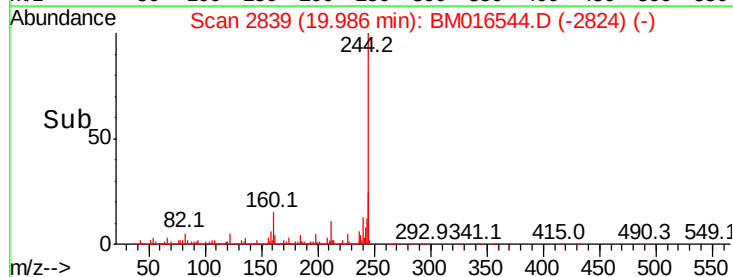
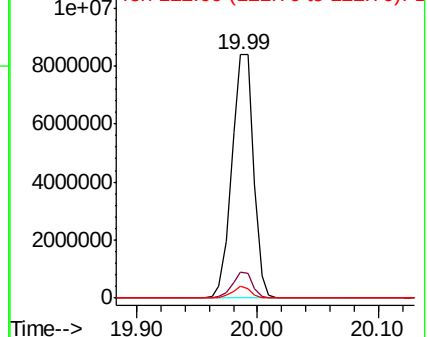


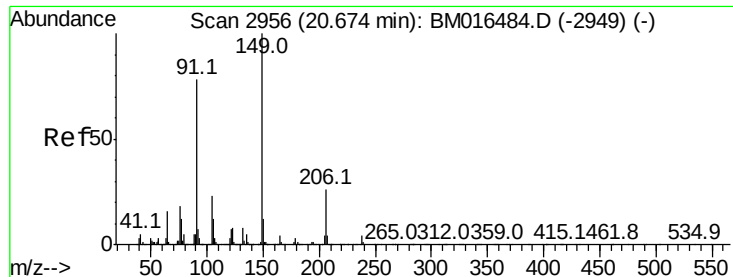
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

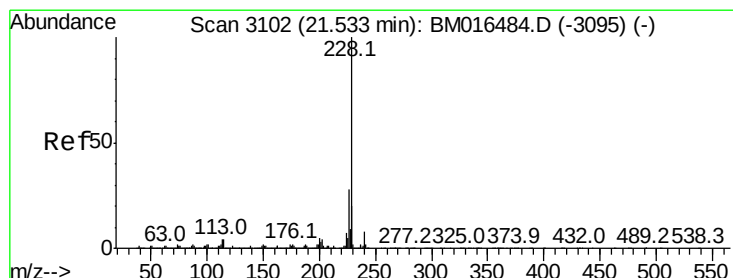
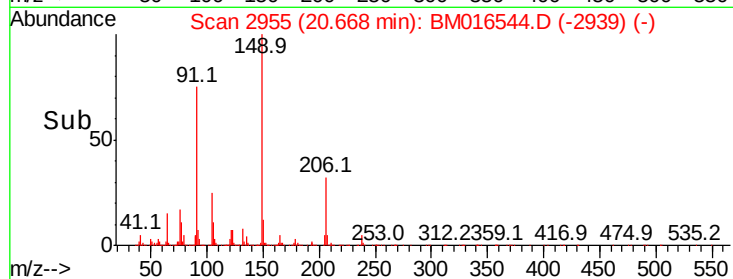
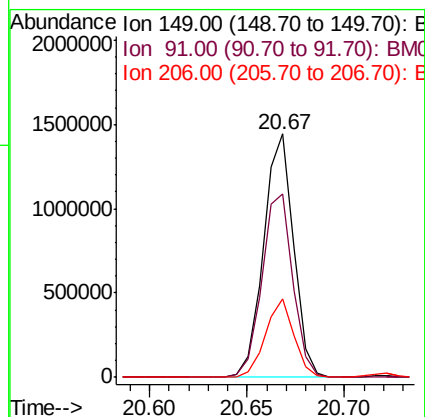
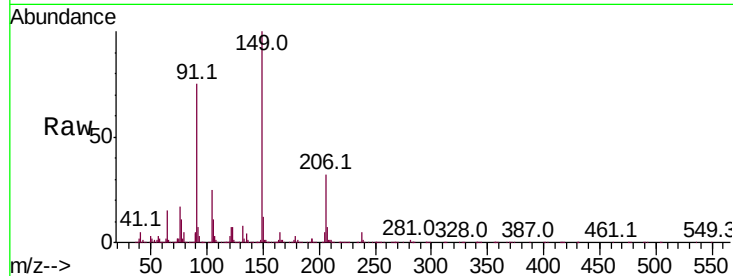




#79
Butylbenzylphthalate
Concen: 18.488 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

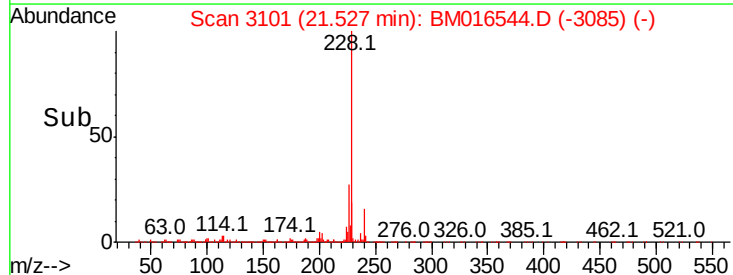
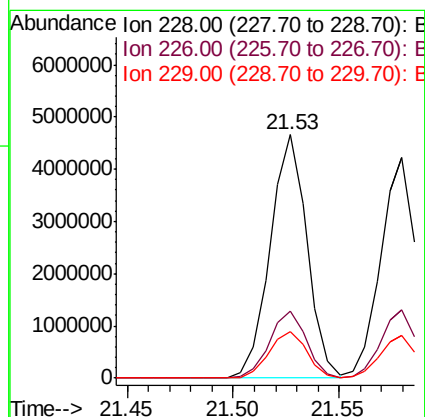
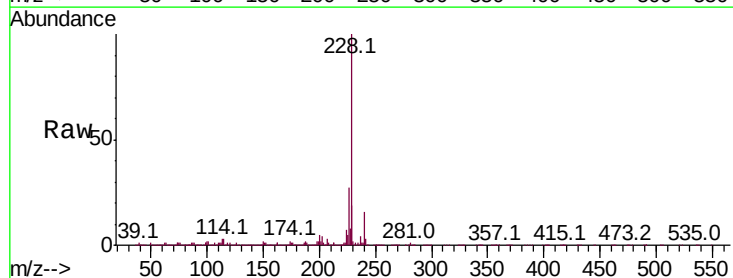
Instrument :
BNA_F
ClientSampleId :

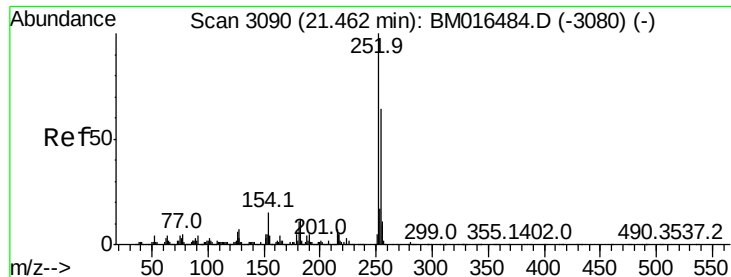
Tot Ion:149 Resp: 1529140
Ion Ratio Lower Upper
149 100
91 75.2 50.1 75.1#
206 32.1 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 21.839 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion:228 Resp: 5661249
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.3 16.0 24.0

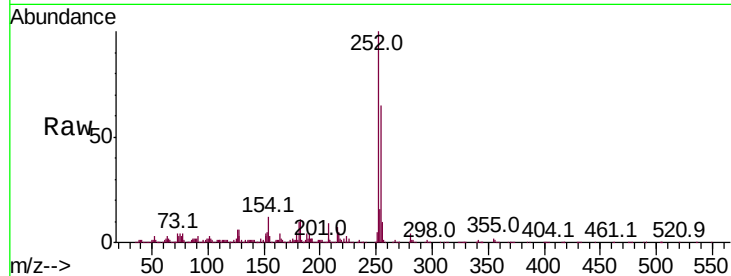




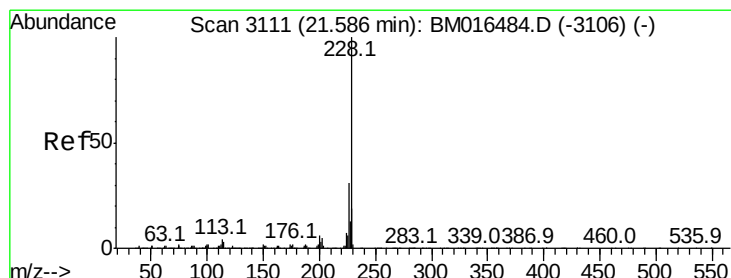
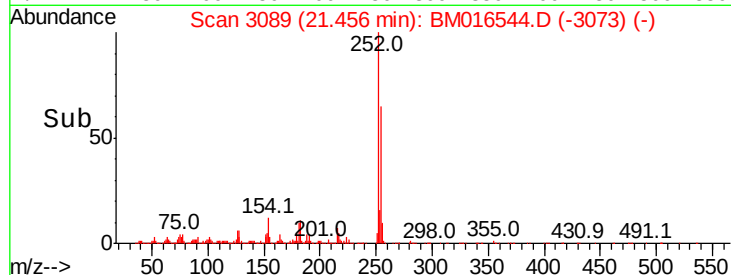
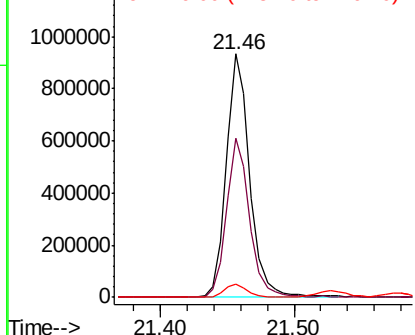
#81
 3,3'-Dichlorobenzidine
 Concen: 9.976 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1151069
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 5.5 9.8 14.8#

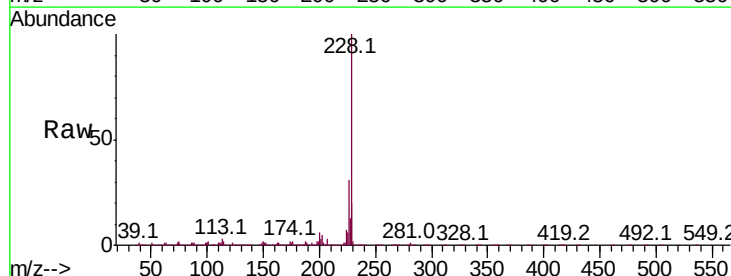


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

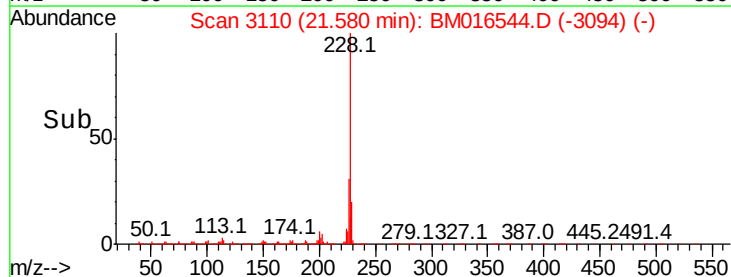
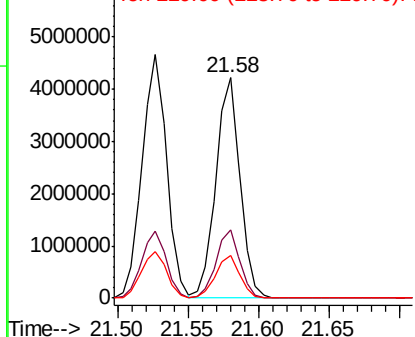


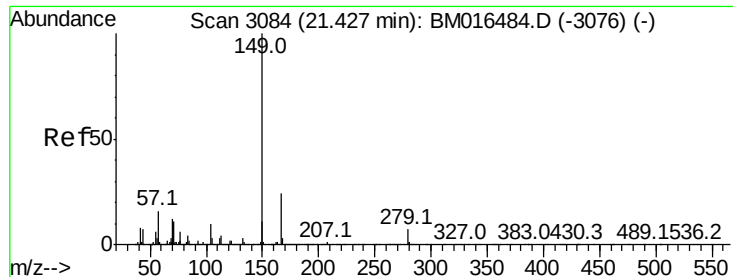
#82
 Chrysene
 Concen: 20.201 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion:228 Resp: 4996383
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 19.5 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.895 ng

RT: 21.42 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

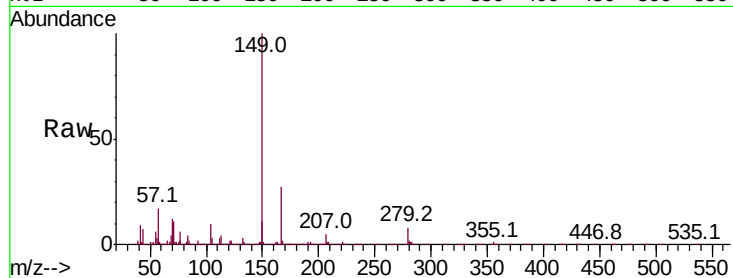
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 2200374

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	7.7	3.4	5.0

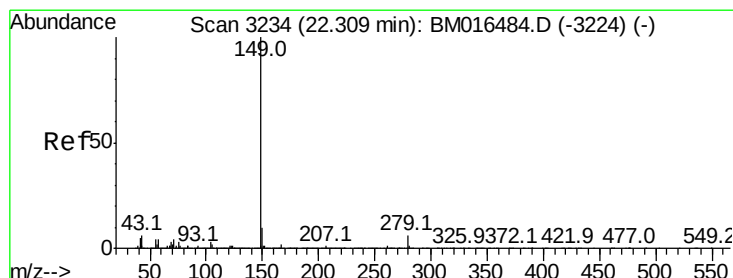
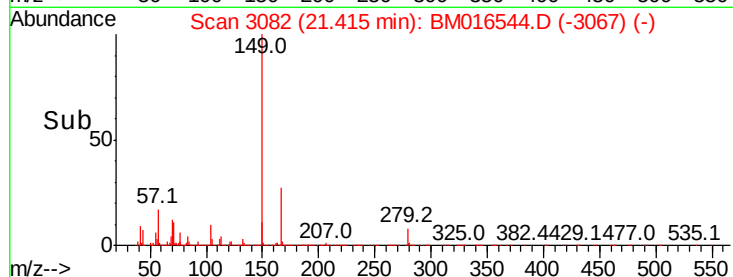
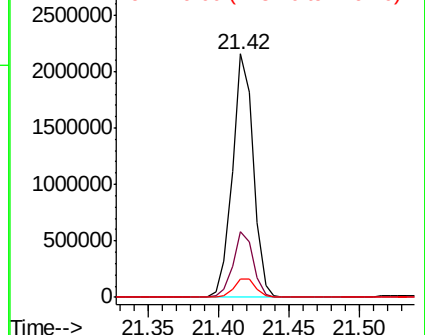


Abundance

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: 17.546 ng

RT: 22.30 min Scan# 3233

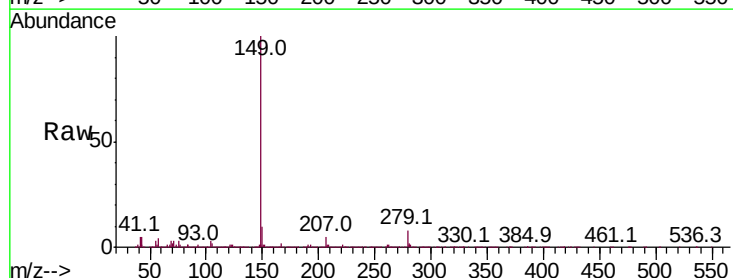
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:149 Resp: 3585210

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8
43	5.6	7.3	10.9

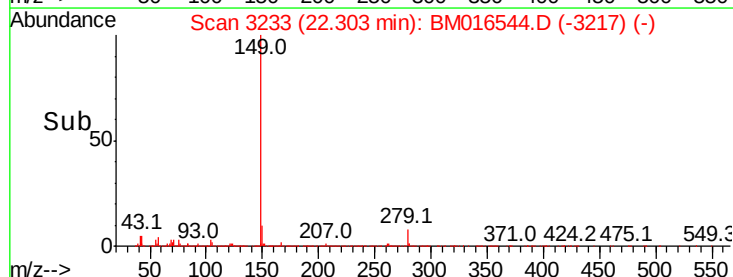
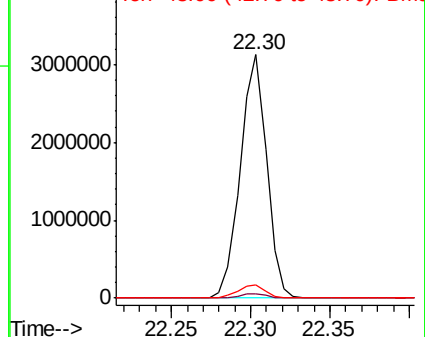


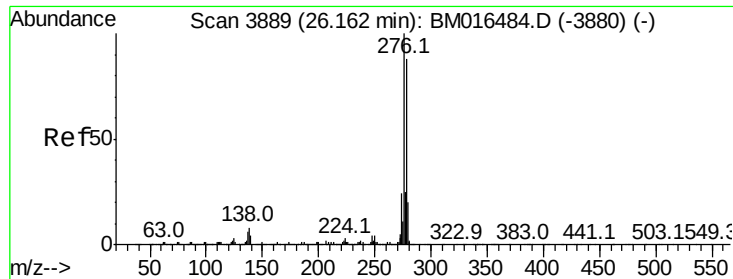
Abundance

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): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 17.462 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

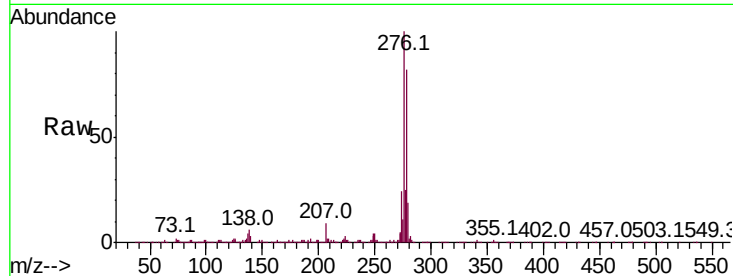
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 6211184

Ion	Ratio	Lower	Upper
276	100		
138	6.2	12.0	18.0#
277	25.1	20.0	30.0

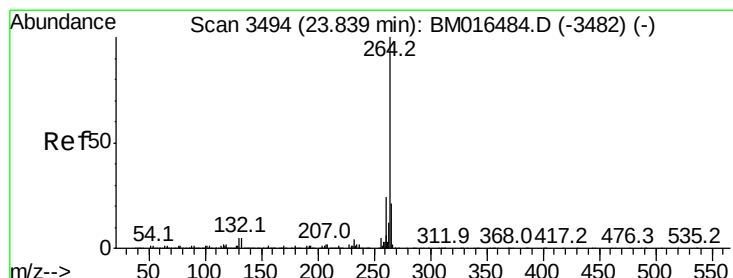
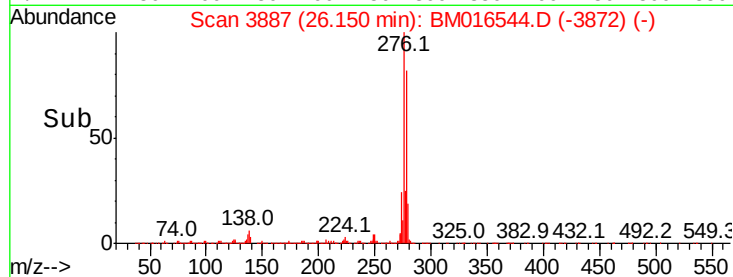
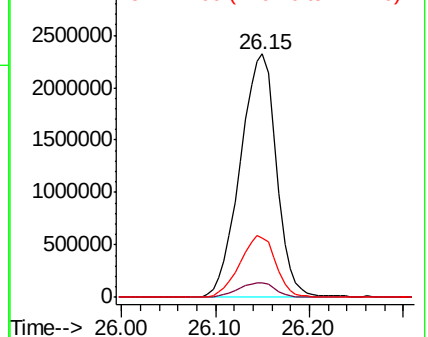


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3492

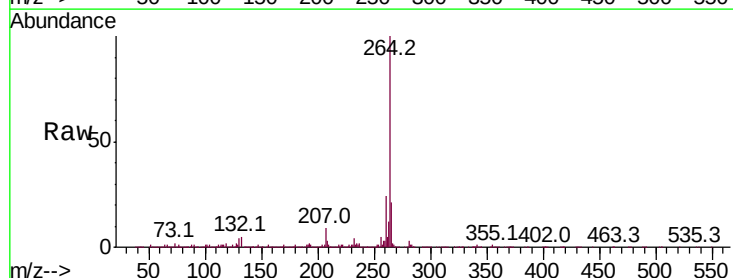
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:264 Resp: 4145555

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	17.3	25.9

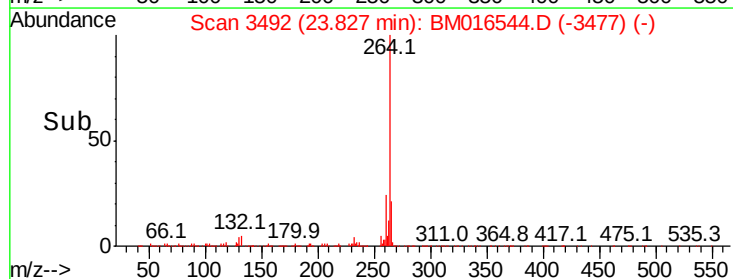
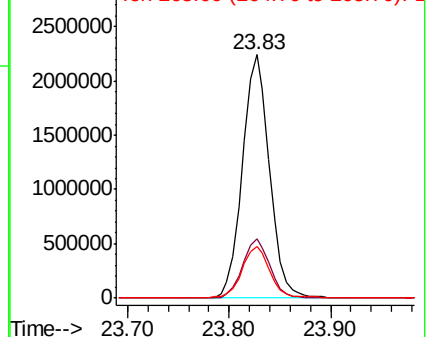


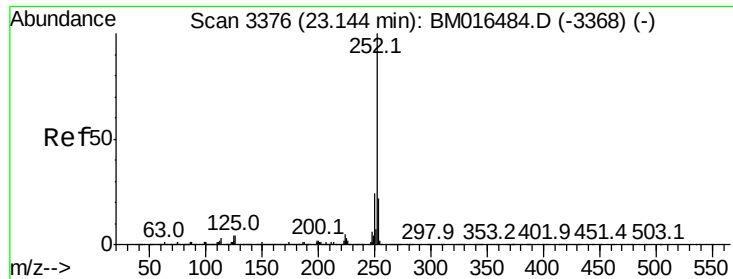
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 22.780 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

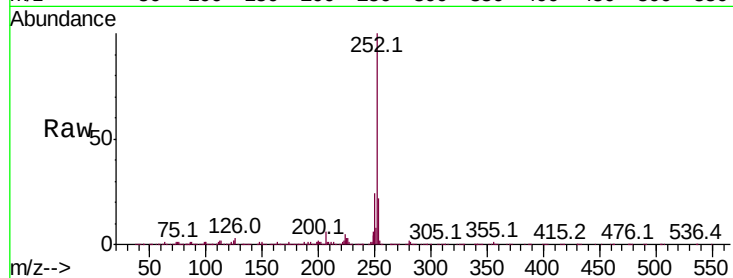
Tot Ion:252 Resp: 5443740

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

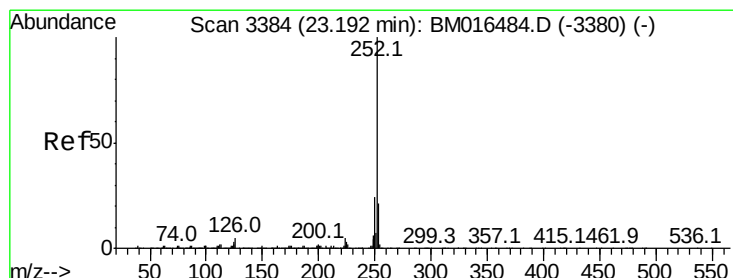
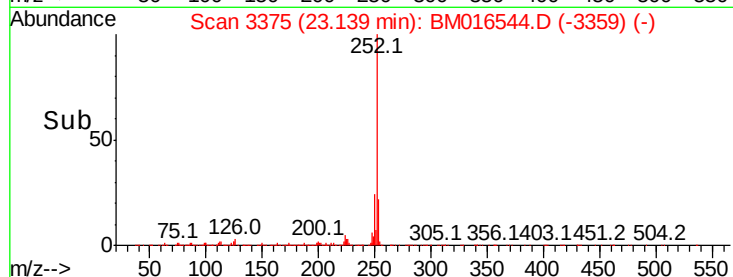
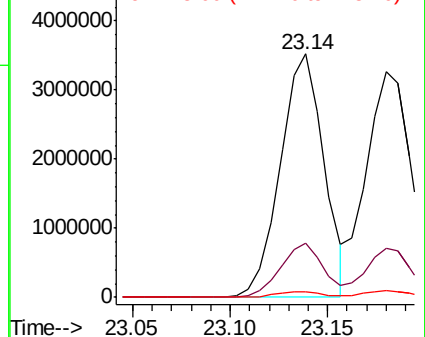
125 2.5 9.9 14.9#



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: 22.118 ng

RT: 23.18 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

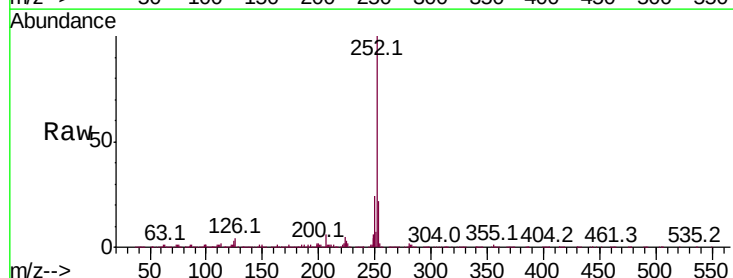
Tgt Ion:252 Resp: 5378069

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

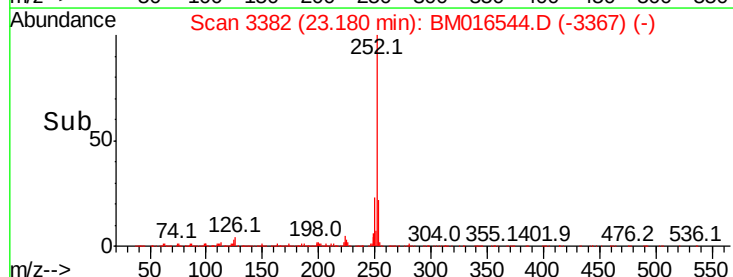
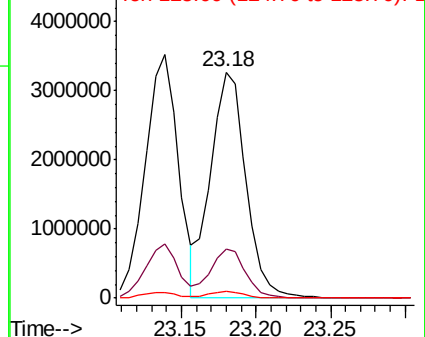
125 2.8 8.1 12.1#

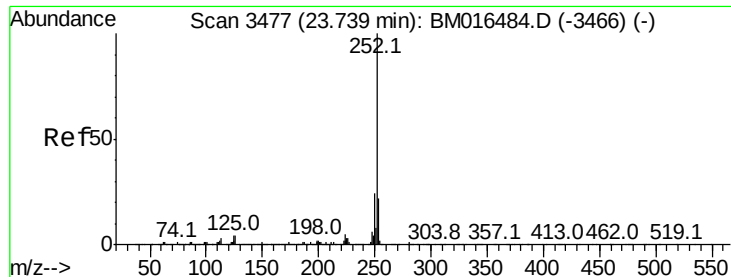


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.924 ng

RT: 23.73 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

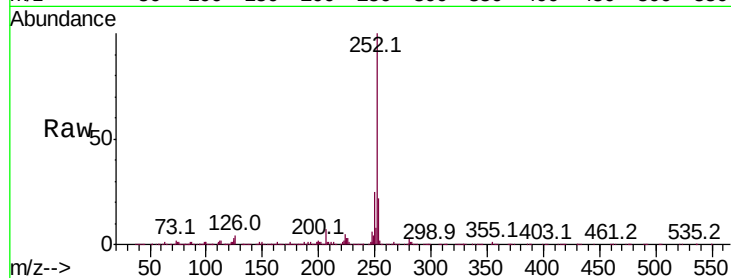
Tot Ion:252 Resp: 5097913

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

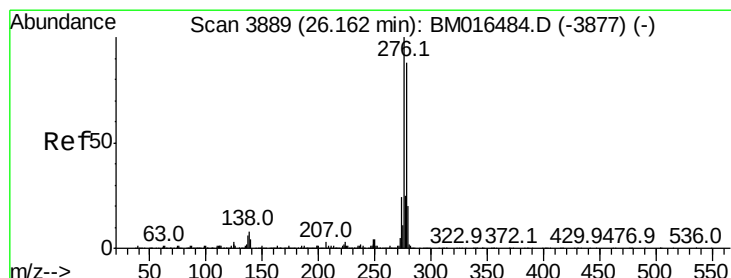
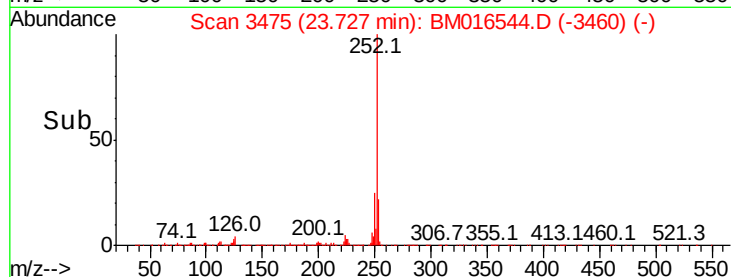
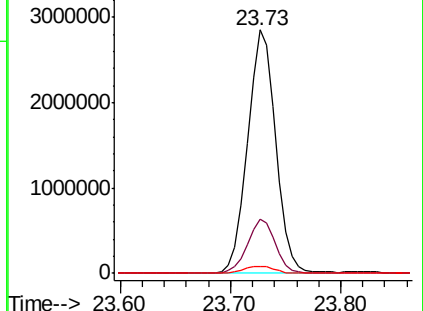
125 2.9 7.4 11.2#



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: 20.003 ng

RT: 26.14 min Scan# 3886

Delta R.T. -0.02 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

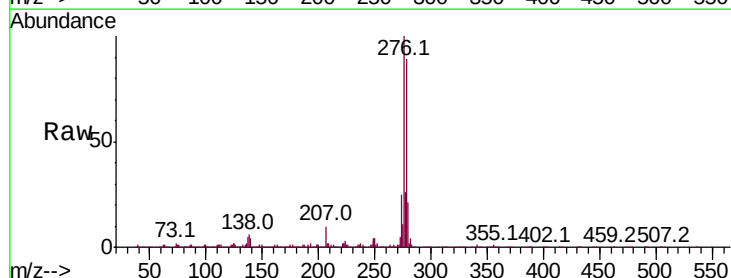
Tgt Ion:278 Resp: 5212568

Ion Ratio Lower Upper

278 100

139 4.4 13.4 20.0#

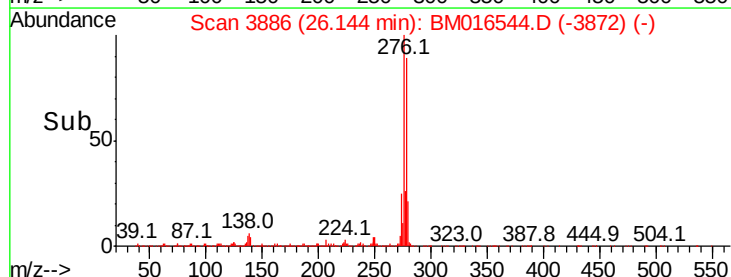
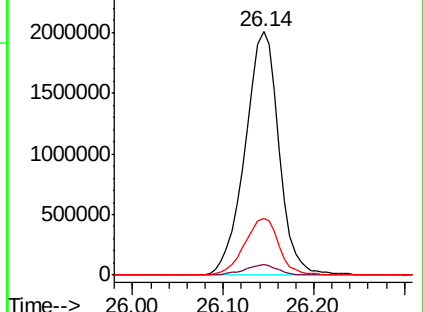
279 23.2 19.0 28.4

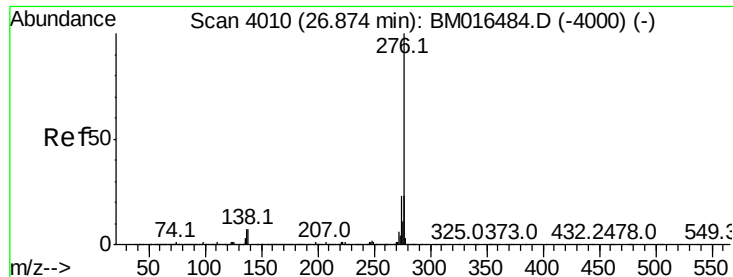


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 20.001 ng

RT: 26.86 min Scan# 4008

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 4678526

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 5.2 19.0 28.6#

