

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105084.D
 Acq On : 3 May 2018 20:31
 Operator : JU/SJ
 Sample : J2667-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

Quant Time: May 04 01:58:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107909	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	451499	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	202886	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	346962	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	197317	20.00	ng	-0.05
86) Perylene-d12	15.51	264	186022	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	784458	111.16	ng	0.00
7) Phenol-d6	6.44	99	912701	105.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	566350	81.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	236250	112.25	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1038904	80.89	ng	-0.02
78) Terphenyl-d14	12.90	244	862702	99.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	87094	26.485	ng	88
3) Pyridine	3.29	79	226432	24.491	ng	# 84
4) n-Nitrosodimethylamine	3.24	42	92511	28.625	ng	# 75
6) Aniline	6.45	93	191923	15.931	ng	# 1
8) 2-Chlorophenol	6.57	128	290556	39.008	ng	93
9) Benzaldehyde	6.33	77	179319	41.335	ng	97
10) Phenol	6.45	94	339254	36.874	ng	75
11) bis(2-Chloroethyl)ether	6.52	93	273633	37.270	ng	93
12) 1,3-Dichlorobenzene	6.72	146	299020	35.435	ng	98
13) 1,4-Dichlorobenzene	6.80	146	311817	37.069	ng	99
14) 1,2-Dichlorobenzene	6.95	146	285484	36.623	ng	97
15) Benzyl Alcohol	6.94	79	214446	32.561	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	295248	29.945	ng	# 5
17) 2-Methylphenol	7.06	107	230614	35.617	ng	# 86
18) Hexachloroethane	7.28	117	109925	36.652	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	189215	33.394	ng	91
20) 3+4-Methylphenols	7.22	107	313461	39.035	ng	96
22) Acetophenone	7.20	105	396445	35.665	ng	# 93
24) Nitrobenzene	7.37	77	286574	37.539	ng	95
25) Isophorone	7.61	82	517674	35.405	ng	98
26) 2-Nitrophenol	7.69	139	161219	51.875	ng	94
27) 2,4-Dimethylphenol	7.73	122	244598	37.905	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	337465	37.749	ng	99
29) 2,4-Dichlorophenol	7.94	162	247634	40.219	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	250806	37.117	ng	99
31) Naphthalene	8.09	128	825513	36.718	ng	100
32) Benzoic acid	7.86	122	46413	9.014	ng	93
33) 4-Chloroaniline	8.16	127	79503	8.254	ng	97
34) Hexachlorobutadiene	8.19	225	140545	37.973	ng	99
35) Caprolactam	8.53	113	72922	33.950	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	249550	37.799	ng	96
37) 2-Methylnaphthalene	8.78	142	537729	36.976	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	240149	41.350	ng	99
40) Hexachlorocyclopentadiene	8.92	237	124809	38.386	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158646	39.350	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	161267	35.745	nq	96
45) 1,1'-Biphenyl	9.25	154	639498	37.521	nq	98
46) 2-Chloronaphthalene	9.27	162	503477	37.399	nq	99
47) 2-Nitroaniline	9.38	65	139873	42.013	nq	95
48) Acenaphthylene	9.69	152	711370	33.679	nq	100
49) Dimethylphthalate	9.55	163	701376	43.838	nq	100
50) 2,6-Dinitrotoluene	9.62	165	130807	44.185	nq	87
51) Acenaphthene	9.86	154	430294	33.389	nq	98
52) 3-Nitroaniline	9.80	138	65953	19.030	nq	91
53) 2,4-Dinitrophenol	9.91	184	101646	81.996	nq #	20
54) Dibenzofuran	10.03	168	627598	34.944	nq	96
55) 4-Nitrophenol	9.99	139	133662	49.095	nq	93
56) 2,4-Dinitrotoluene	10.03	165	155890	40.144	nq #	86
57) Fluorene	10.37	166	515073	39.401	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	125819	37.381	nq	95
59) Diethylphthalate	10.25	149	569984	35.771	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	244915	42.068	nq	95
61) 4-Nitroaniline	10.42	138	117059	34.543	nq	98
62) Azobenzene	10.52	77	494263	32.468	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	76957	45.919	nq	82
65) n-Nitrosodiphenylamine	10.49	169	453242	37.676	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	143860	38.981	nq	96
67) Hexachlorobenzene	10.92	284	157879	38.019	nq #	89
68) Atrazine	11.02	200	133489	36.761	nq	99
69) Pentachlorophenol	11.13	266	131959	51.365	nq	98
70) Phenanthrene	11.34	178	719874	37.257	nq	99
71) Anthracene	11.39	178	722057	36.762	nq	99
72) Carbazole	11.56	167	649354	33.833	nq	100
73) Di-n-butylphthalate	11.87	149	861506	36.746	nq	99
74) Fluoranthene	12.53	202	688094	34.085	nq	96
76) Benzidine	12.66	184	104408	11.261	nq	98
77) Pyrene	12.76	202	648693	44.353	nq	100
79) Butylbenzylphthalate	13.37	149	301491	43.755	nq	99
80) Benzo(a)anthracene	13.98	228	488666	41.455	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	88922	20.232	nq	98
82) Chrysene	14.02	228	463392	38.272	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	412733	46.569	nq	100
84) Di-n-octyl phthalate	14.61	149	625553	42.241	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.99	276	436420	42.430	nq	95
87) Benzo(b)fluoranthene	15.08	252	431675	36.742	nq	100
88) Benzo(k)fluoranthene	15.11	252	425786	38.387	nq	99
89) Benzo(a)pyrene	15.45	252	412137	39.205	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	365142	42.292	nq	98
91) Benzo(g,h,i)perylene	17.43	276	355281	42.474	nq	95

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

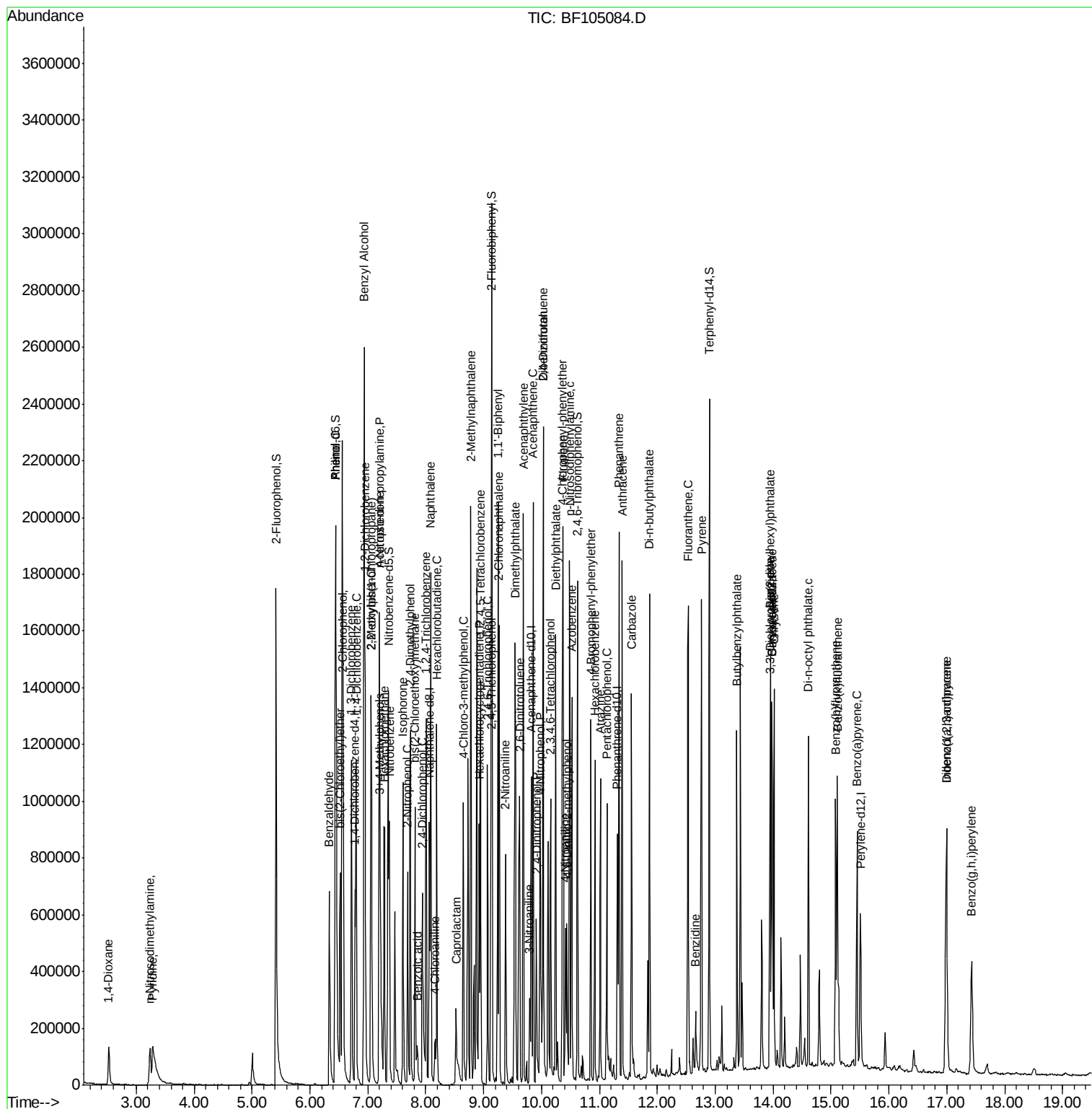
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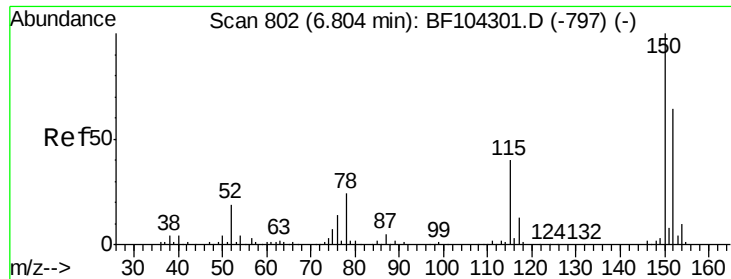
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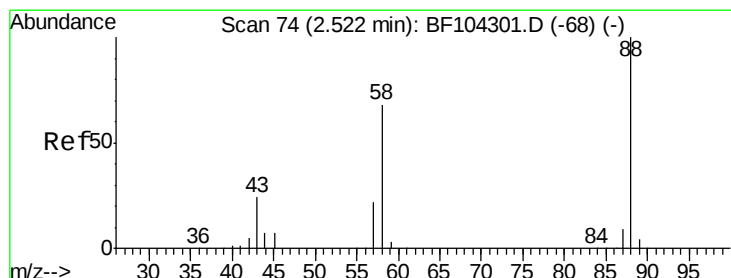
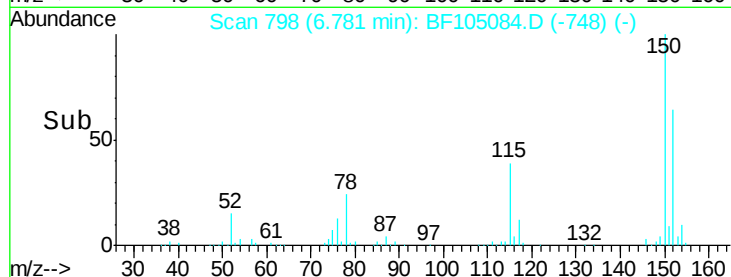
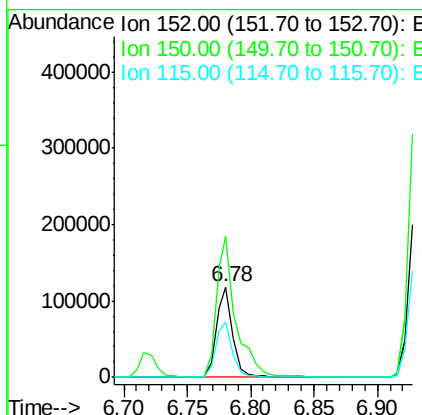
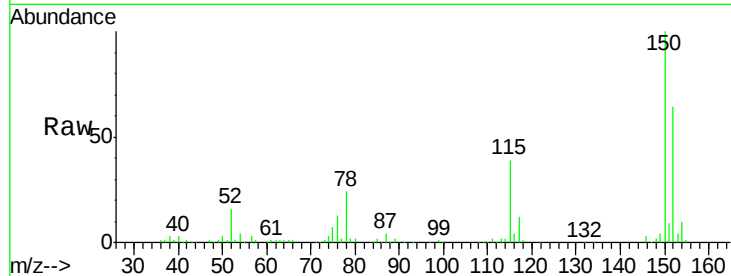


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

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 ClientSampleId :
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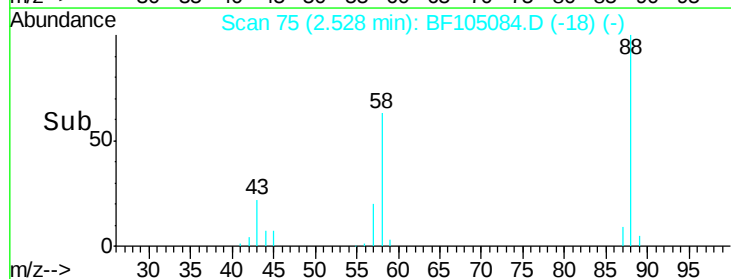
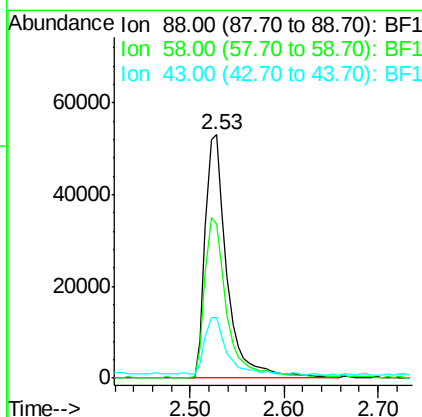
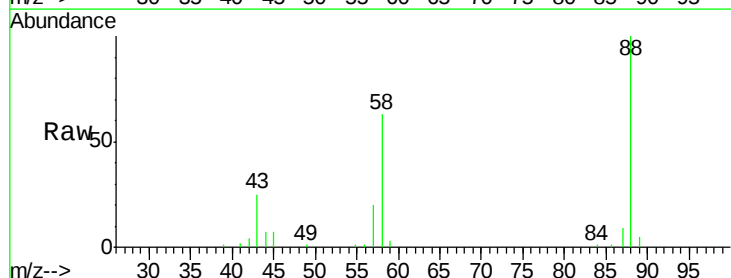
Tot Ion:152 Resp: 107909
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 60.9 50.1 75.1

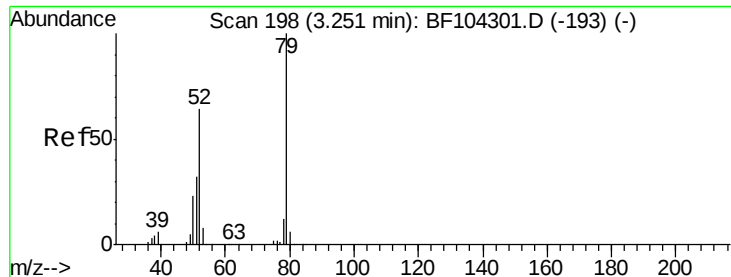


#2

1,4-Dioxane
 Concen: 26.485 ng
 RT: 2.53 min Scan# 75
 Delta R.T. 0.04 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 88 Resp: 87094
 Ion Ratio Lower Upper
 88 100
 58 66.8 62.6 93.8
 43 25.2 24.6 37.0





#3

Pvridine

Concen: 24.491 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

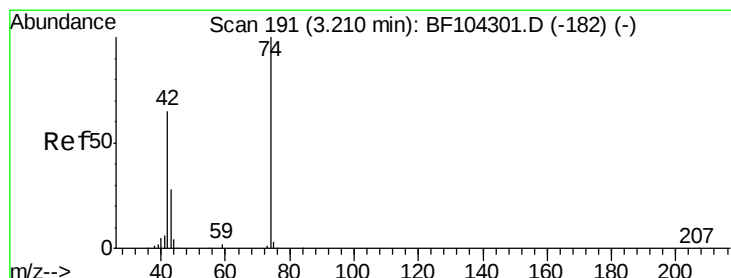
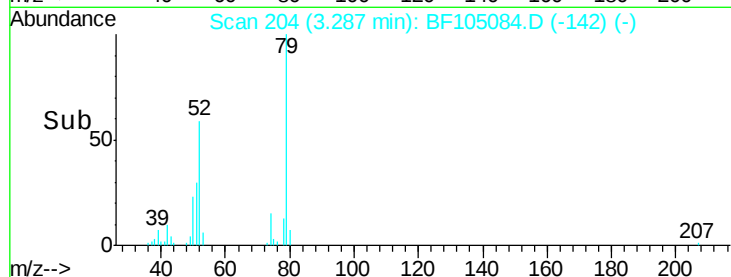
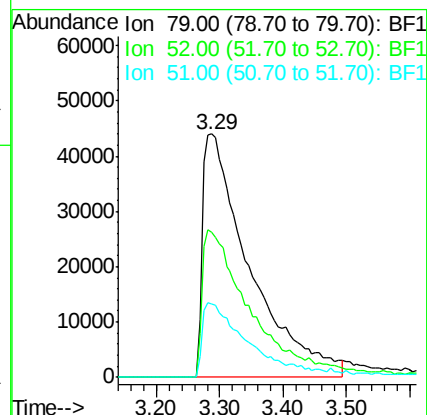
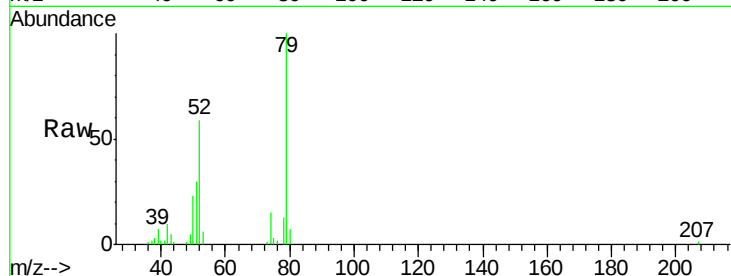
Tot Ion: 79 Resp: 226432

Ion Ratio Lower Upper

79 100

52 59.3 59.8 89.6#

51 30.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.625 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.03 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

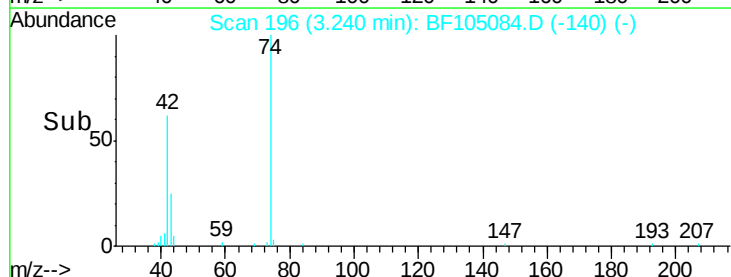
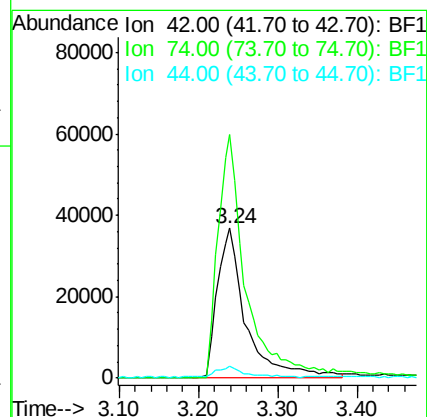
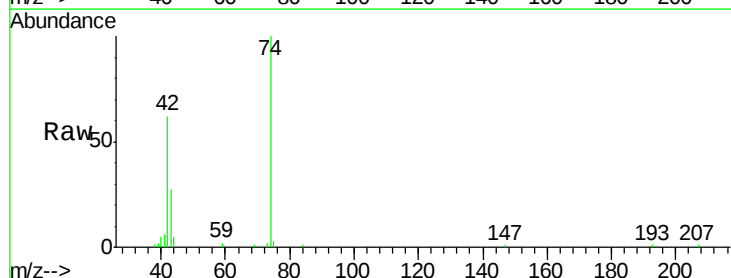
Tgt Ion: 42 Resp: 92511

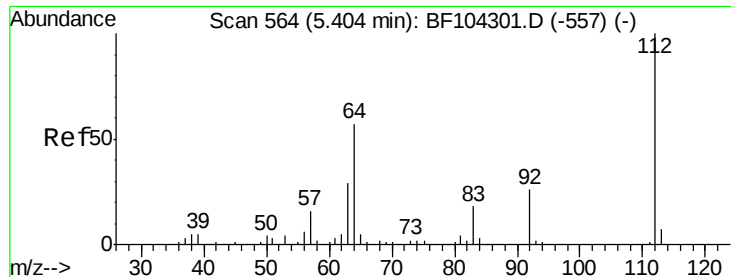
Ion Ratio Lower Upper

42 100

74 162.2 104.9 157.3#

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 111.157 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

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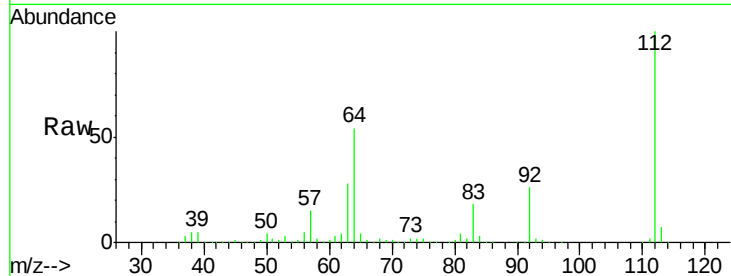
Tot Ion:112 Resp: 784458

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

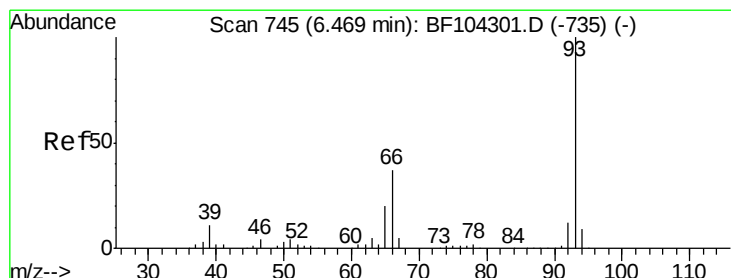
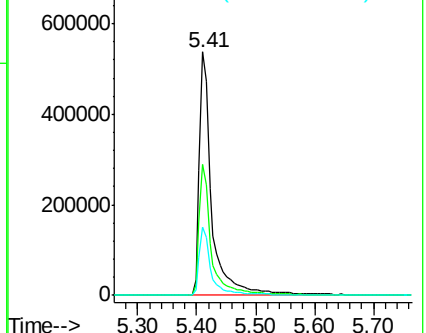
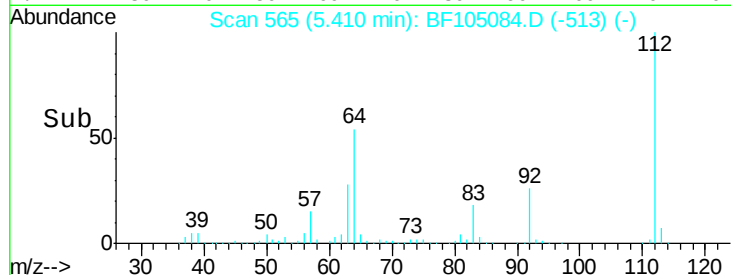
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.931 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

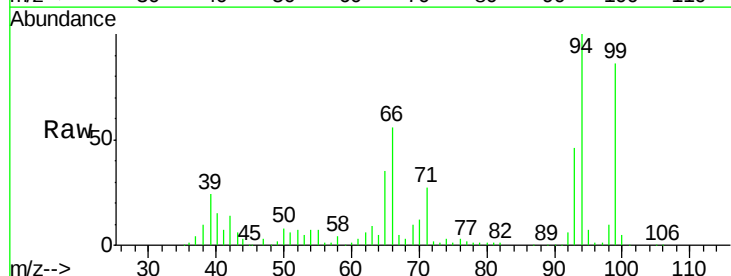
Tgt Ion: 93 Resp: 191923

Ion Ratio Lower Upper

93 100

66 120.8 32.2 48.2#

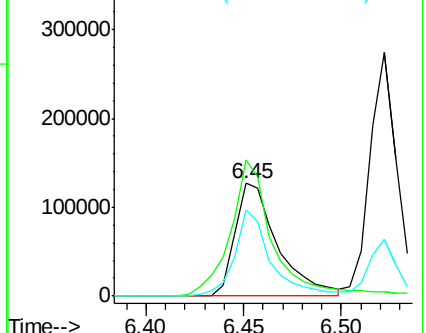
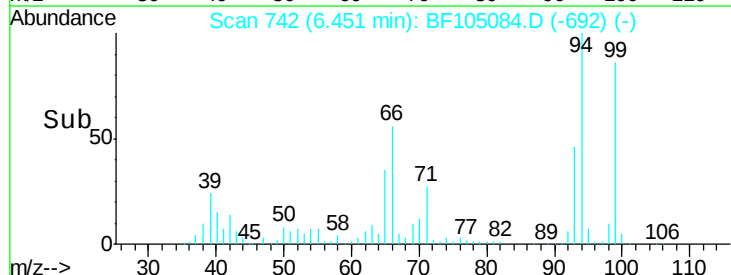
65 76.6 16.4 24.6#

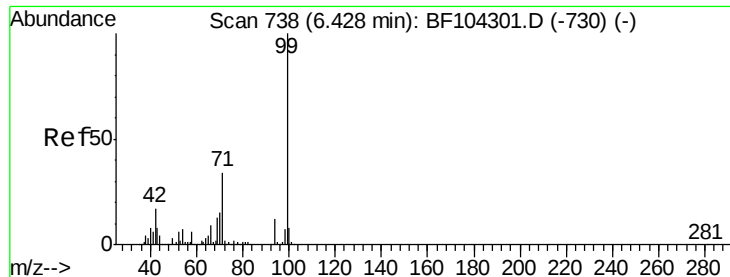


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.258 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105084.D

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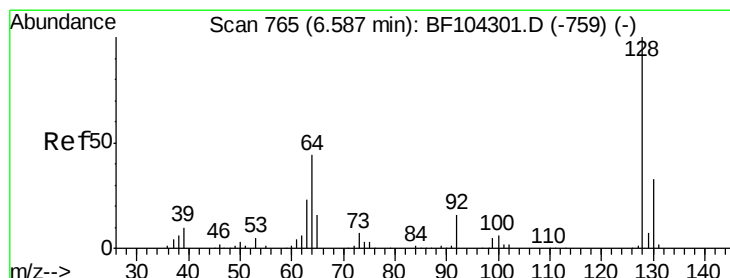
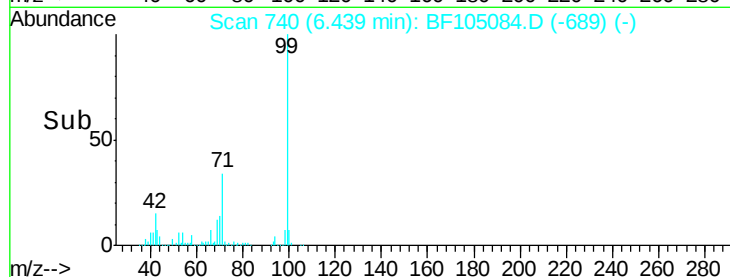
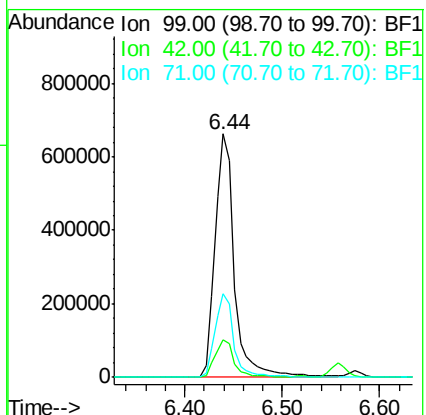
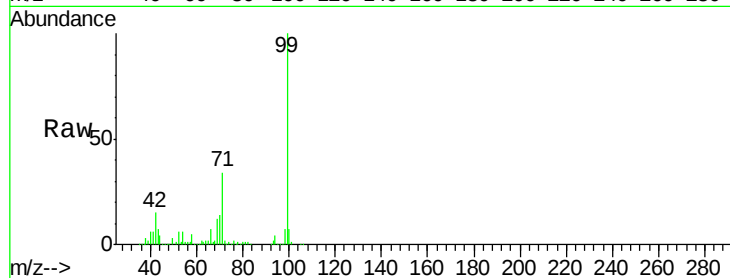
Tot Ion: 99 Resp: 912701

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 34.3 25.4 38.0



#8

2-Chlorophenol

Concen: 39.008 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

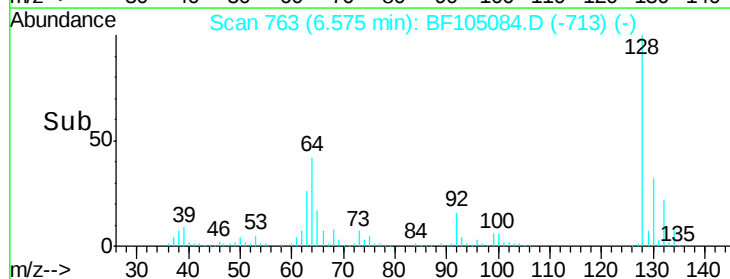
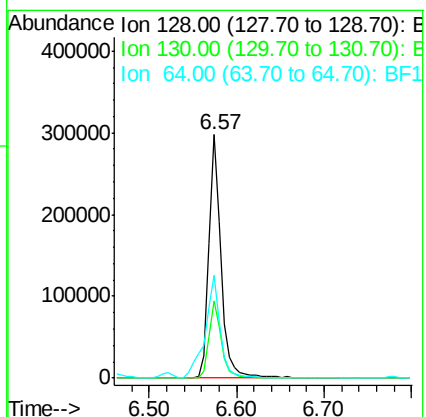
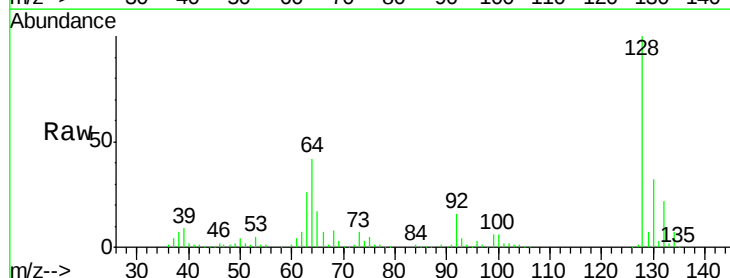
Tgt Ion: 128 Resp: 290556

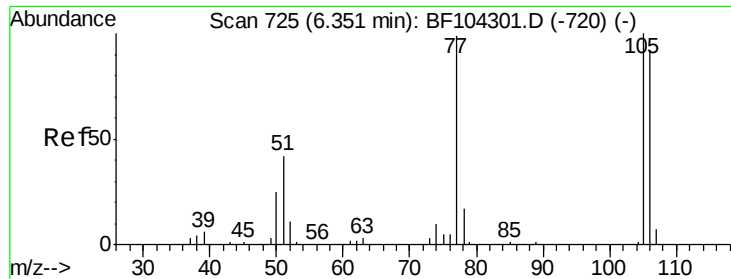
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 42.3 29.4 69.4





#9

Benzaldehyde

Concen: 41.335 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

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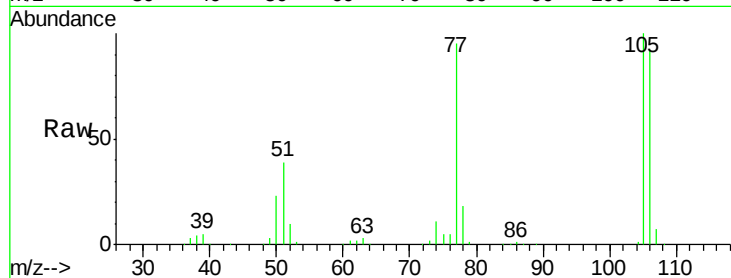
Tot Ion: 77 Resp: 179319

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

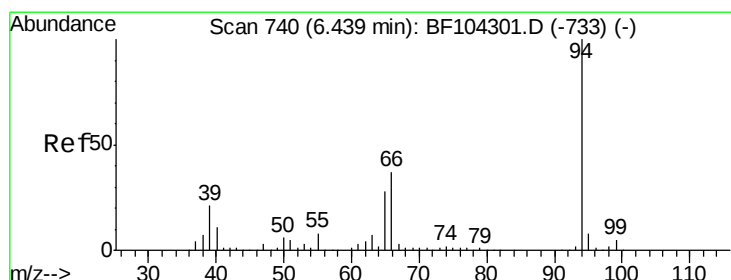
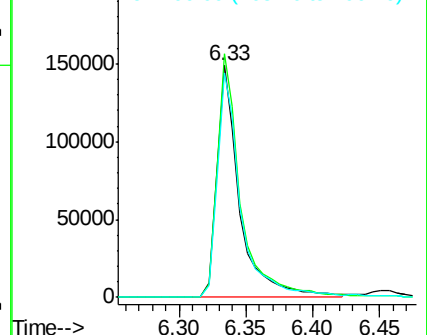
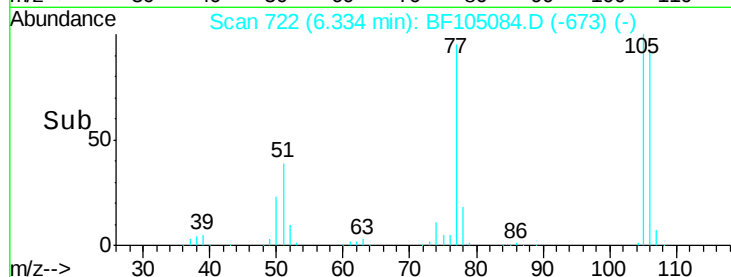
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.874 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

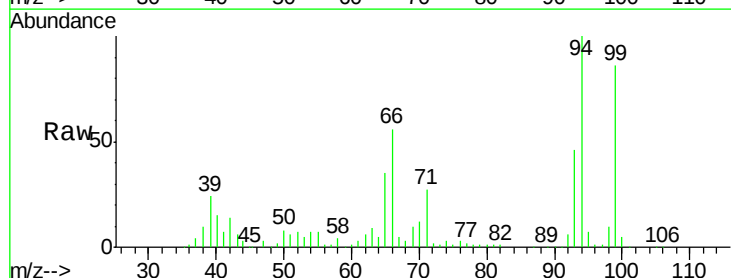
Tgt Ion: 94 Resp: 339254

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

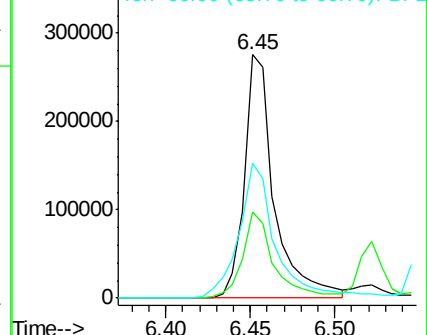
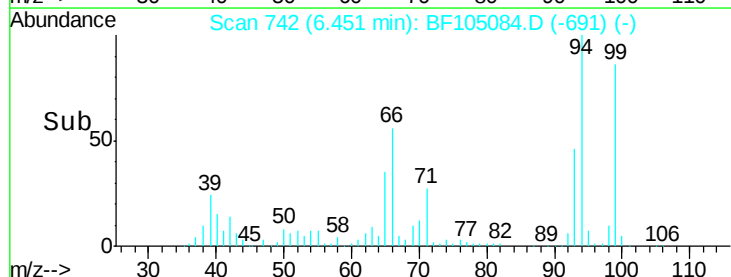
66 55.6 16.2 56.2

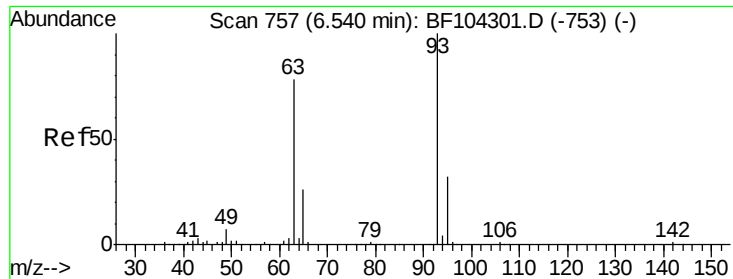


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.270 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

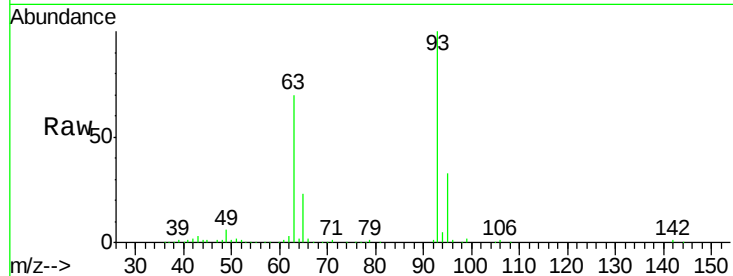
Tot Ion: 93 Resp: 273633

Ion Ratio Lower Upper

93 100

63 70.2 58.6 98.6

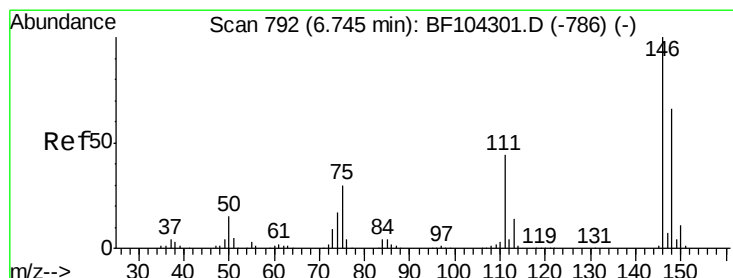
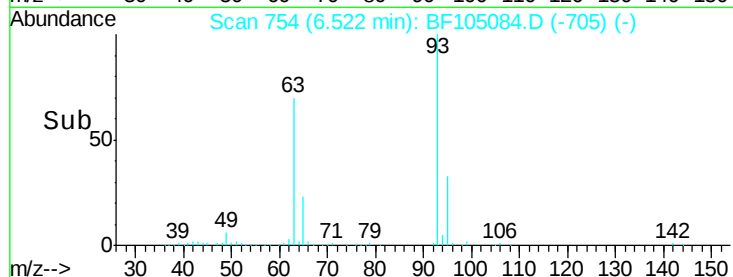
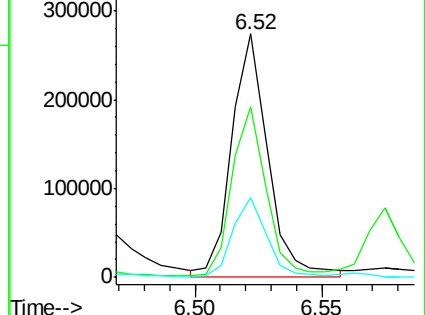
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.435 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

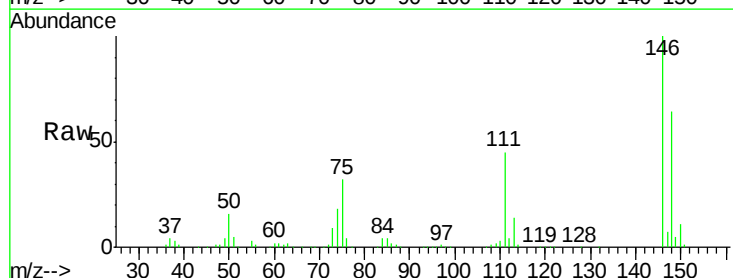
Tgt Ion: 146 Resp: 299020

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

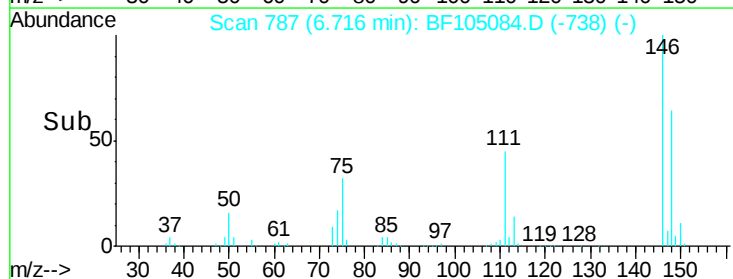
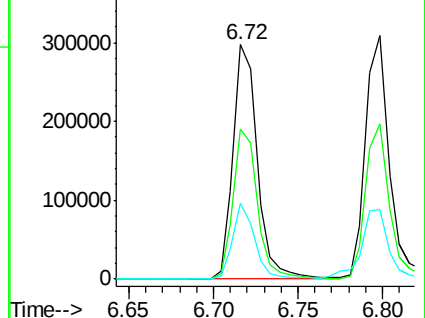
75 32.2 24.2 36.4

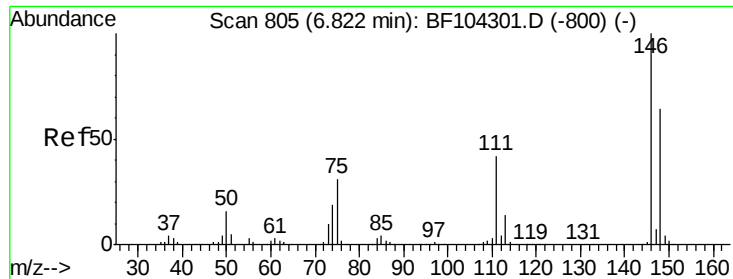


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

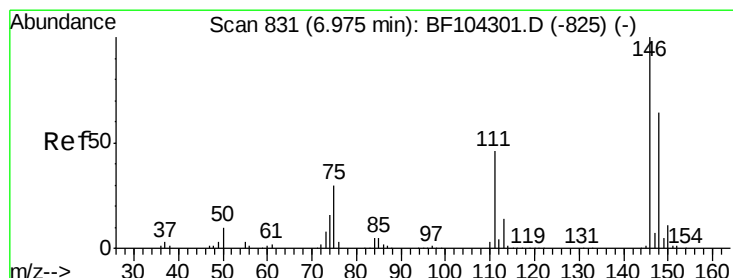
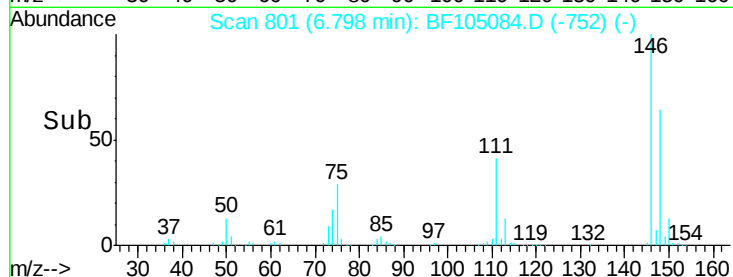
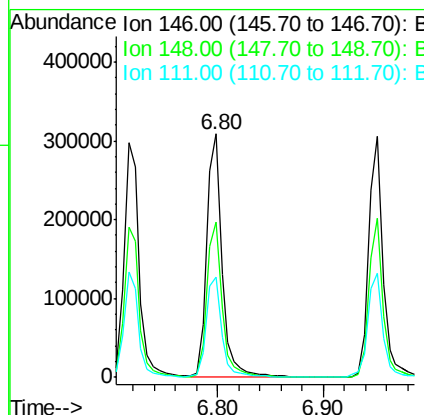
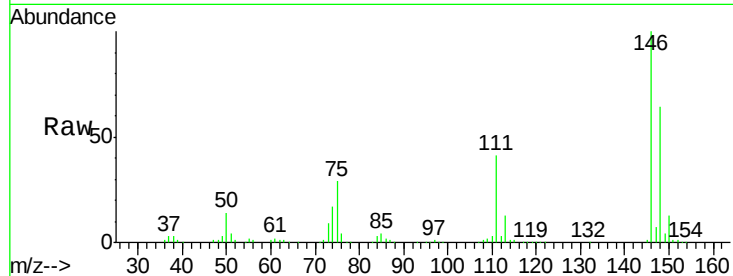




#13
 1,4-Dichlorobenzene
 Concen: 37.069 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

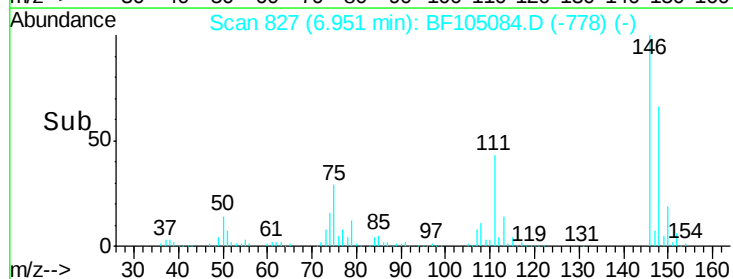
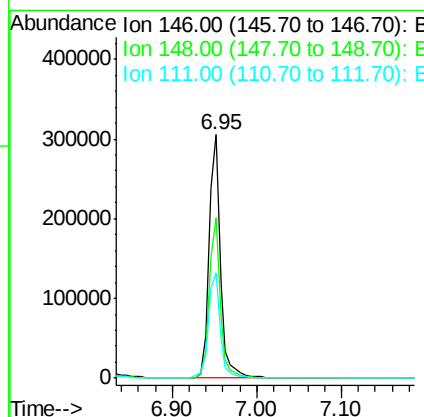
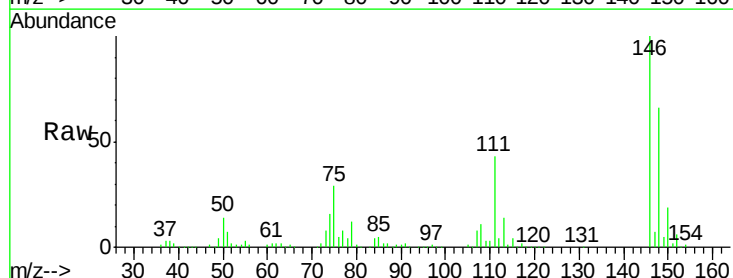
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

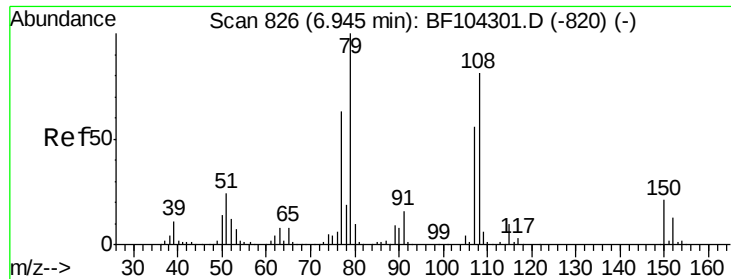
Tot Ion:146 Resp: 311817
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.623 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:146 Resp: 285484
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.561 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

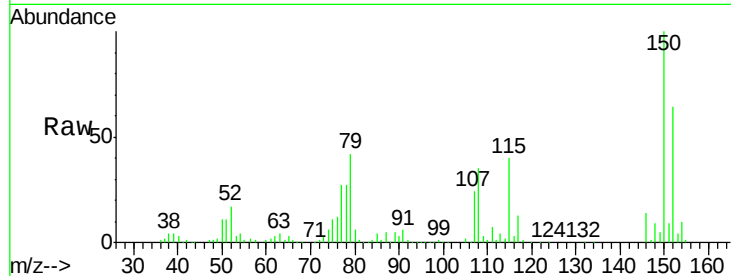
Tot Ion: 79 Resp: 214446

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

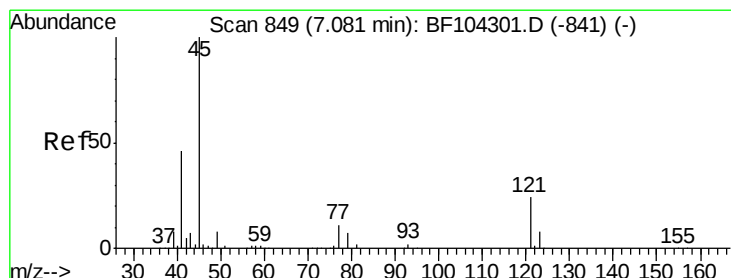
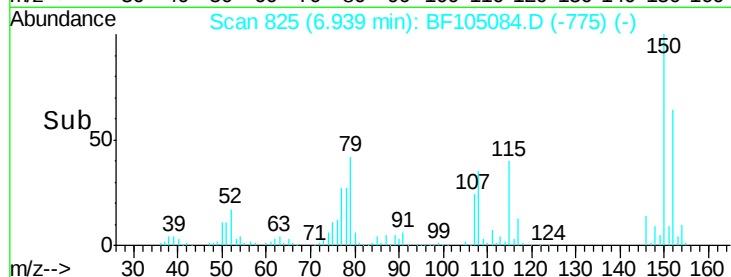
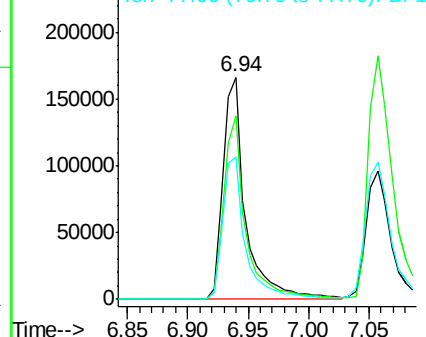
77 63.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.945 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

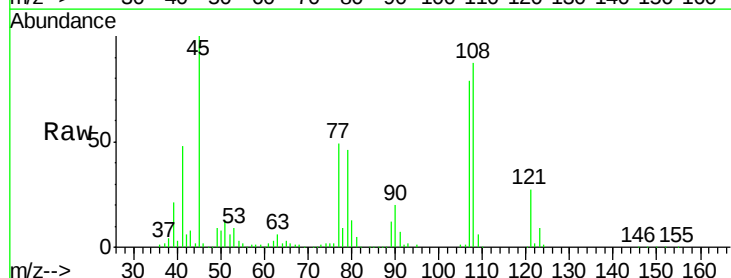
Tgt Ion: 45 Resp: 295248

Ion Ratio Lower Upper

45 100

77 49.2 0.0 32.9#

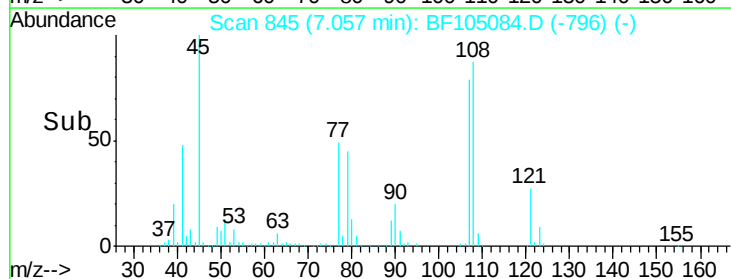
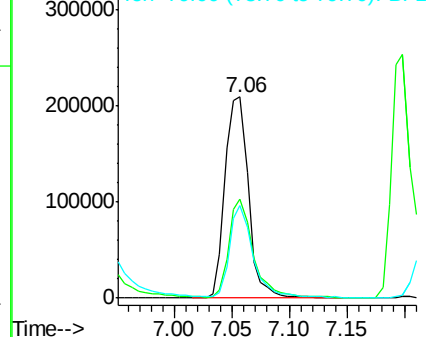
79 45.9 0.0 29.6#

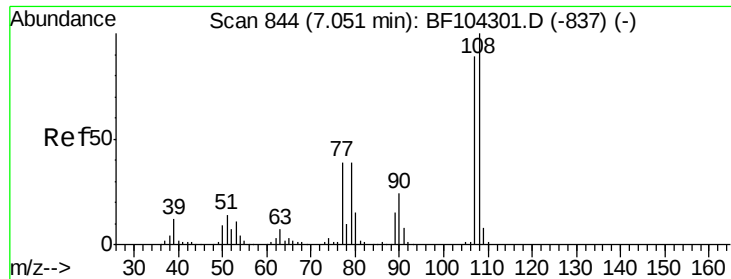


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.617 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

Tot Ion:107 Resp: 230614

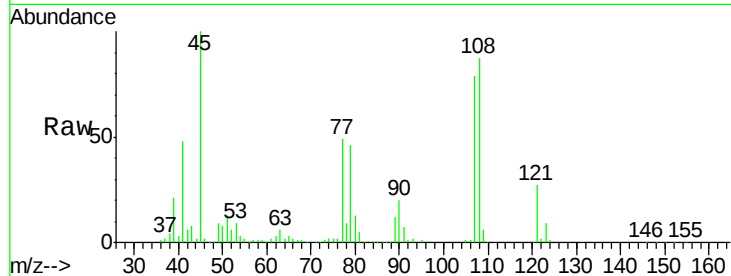
Ion Ratio Lower Upper

107 100

108 110.8 91.7 137.5

77 62.6 33.8 50.8#

79 58.3 33.8 50.8#

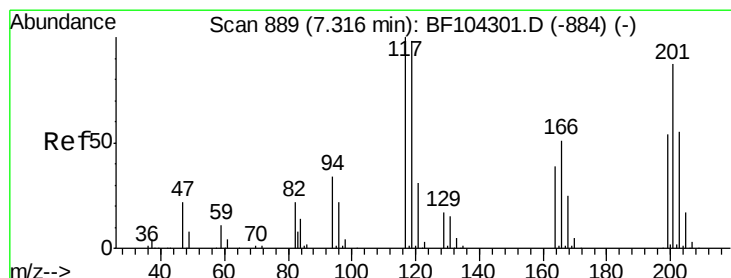
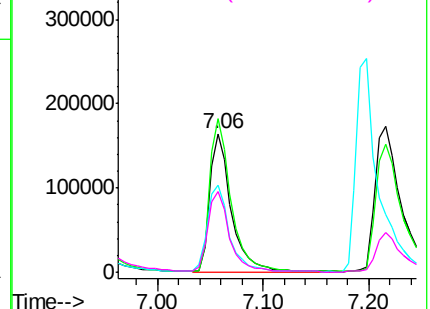
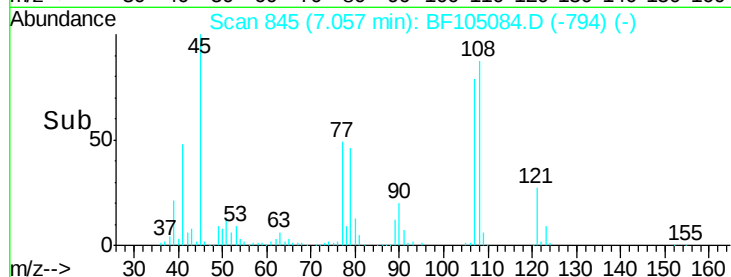


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.652 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

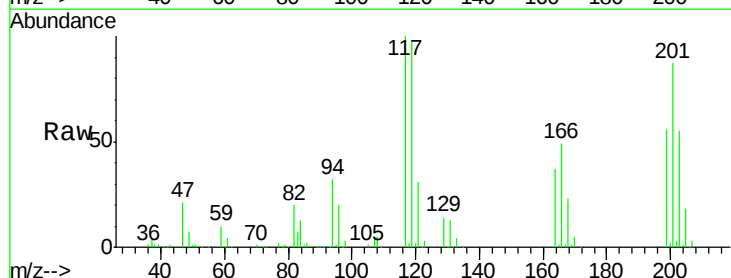
Tgt Ion:117 Resp: 109925

Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.8

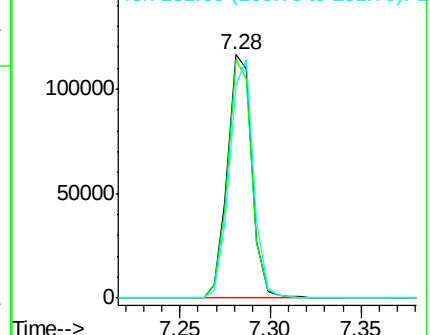
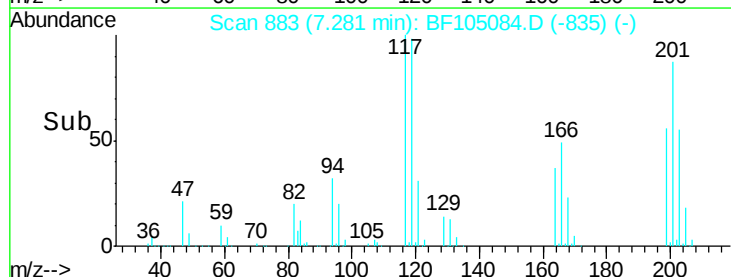
201 87.3 75.7 113.5

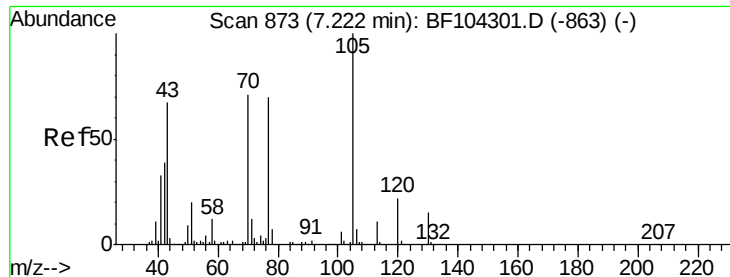


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

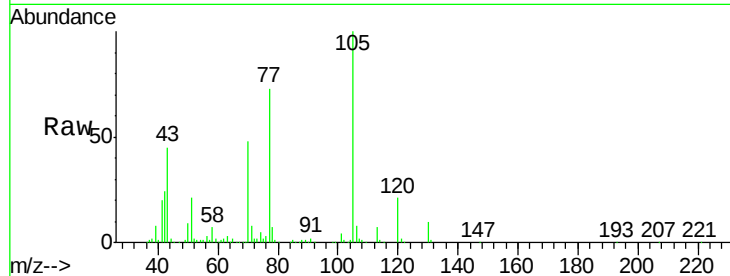




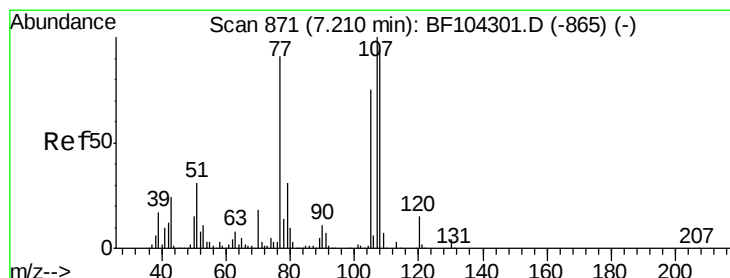
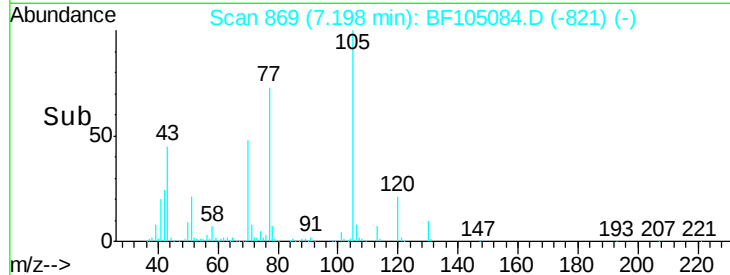
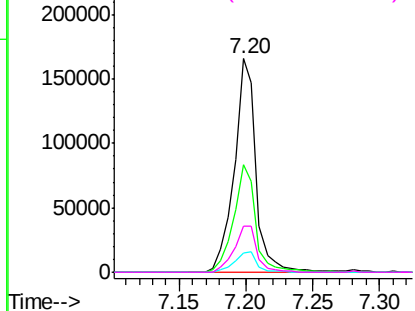
#19
n-Nitroso-di-n-propylamine
Concen: 33.394 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

Tot Ion: 70 Resp: 189215
Ion Ratio Lower Upper
70 100
42 50.2 47.5 71.3
101 9.2 7.4 11.2
130 21.7 16.6 25.0

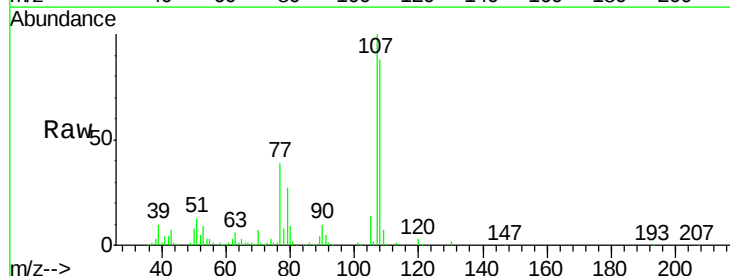


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

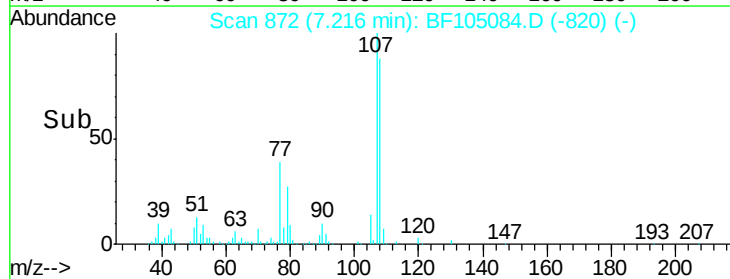
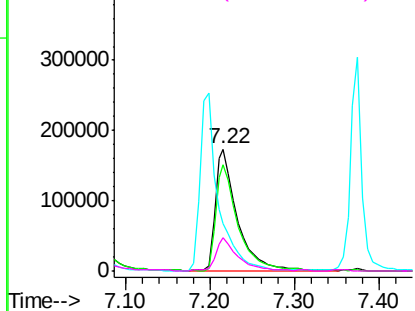


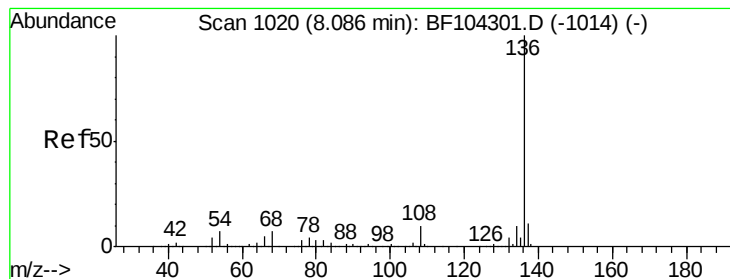
#20
3+4-Methylphenols
Concen: 39.035 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:107 Resp: 313461
Ion Ratio Lower Upper
107 100
108 87.7 68.2 108.2
77 39.4 26.7 66.7
79 27.2 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

Tot Ion:136 Resp: 451499

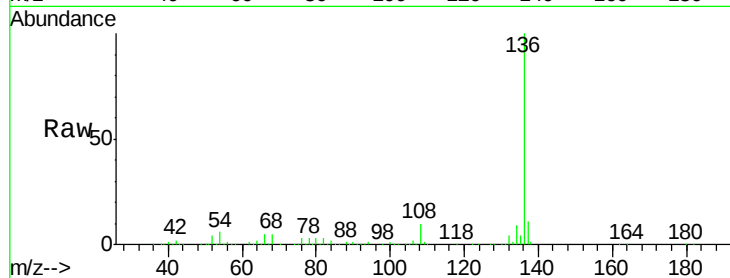
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

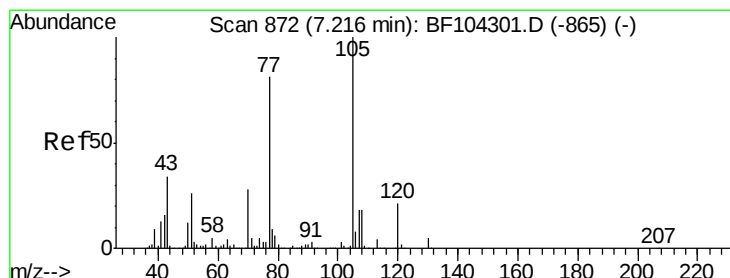
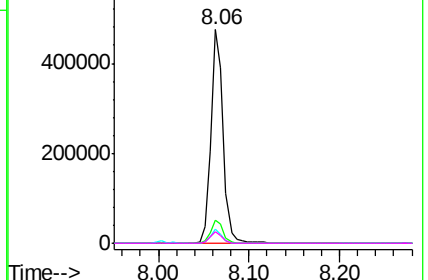
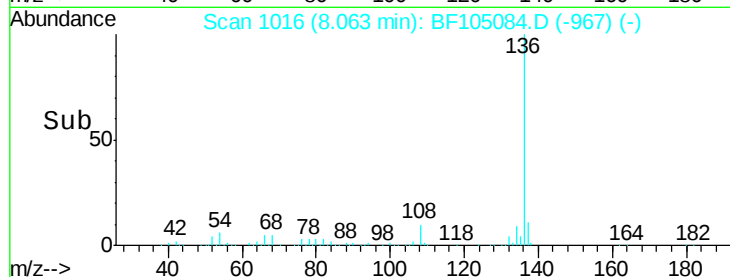


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.665 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Tgt Ion:105 Resp: 396445

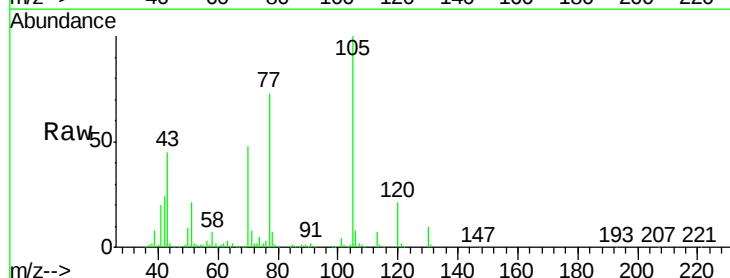
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 21.3 22.3 33.5#

120 21.3 16.9 25.3

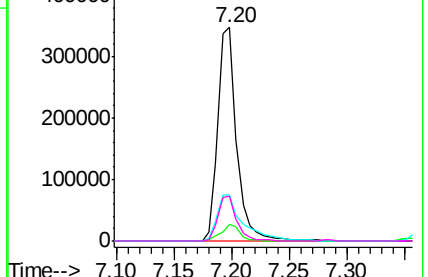
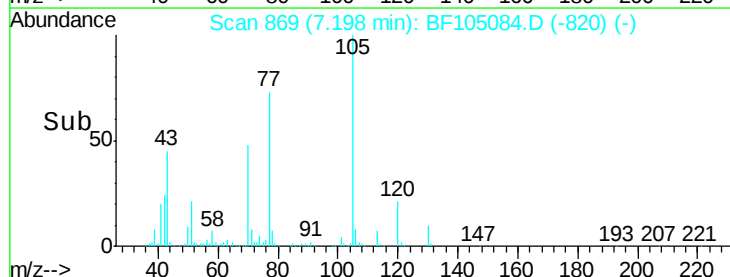


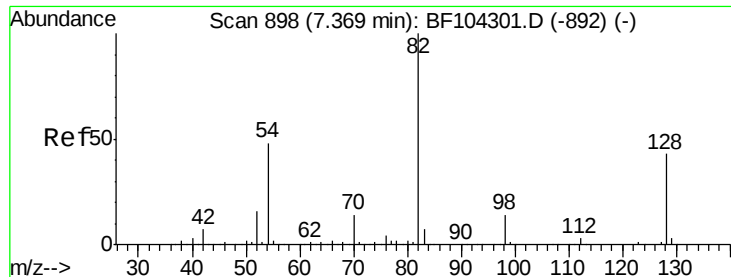
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

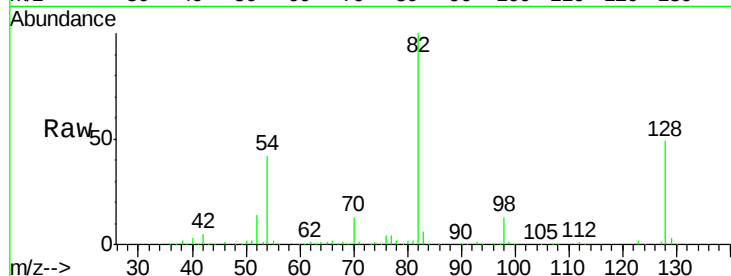




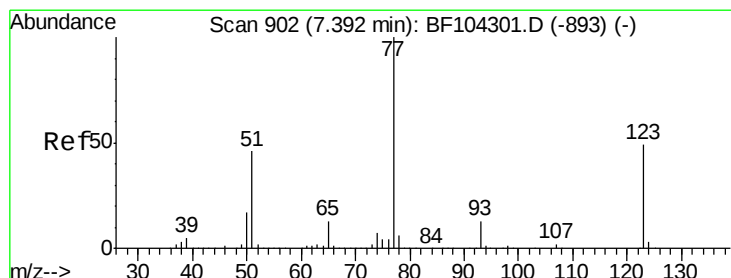
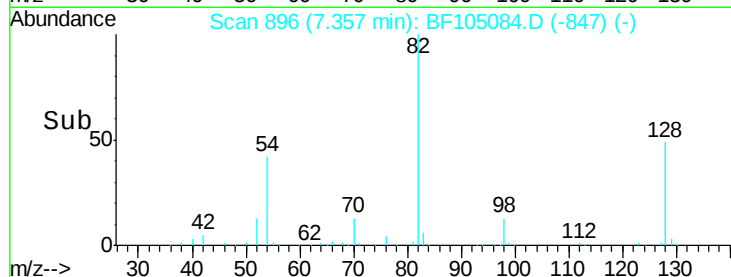
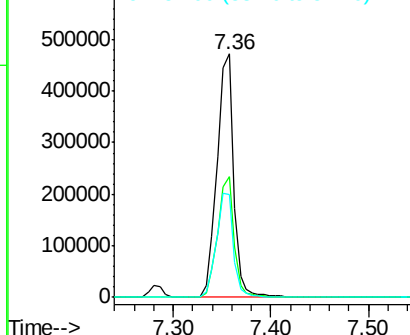
#23
 Nitrobenzene-d5
 Concen: 81.908 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

Tot Ion: 82 Resp: 566350
 Ion Ratio Lower Upper
 82 100
 128 49.4 36.1 54.1
 54 42.4 41.4 62.2

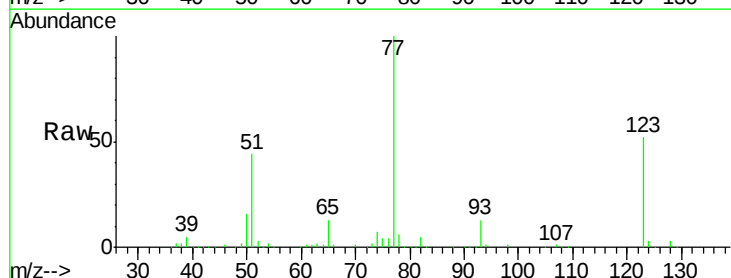


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

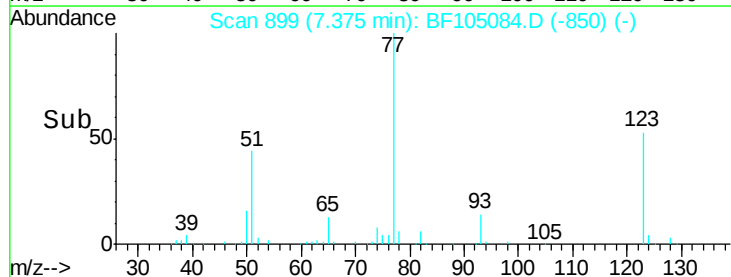
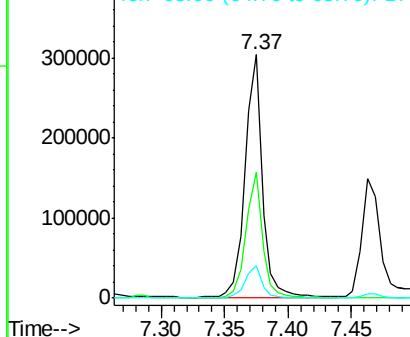


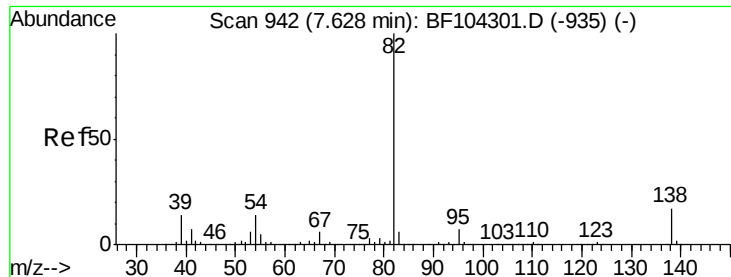
#24
 Nitrobenzene
 Concen: 37.539 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 77 Resp: 286574
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.9 56.9
 65 13.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.405 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

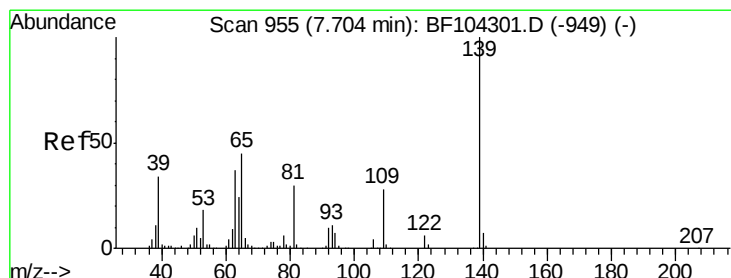
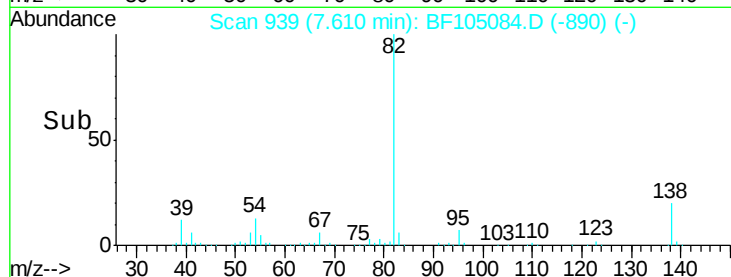
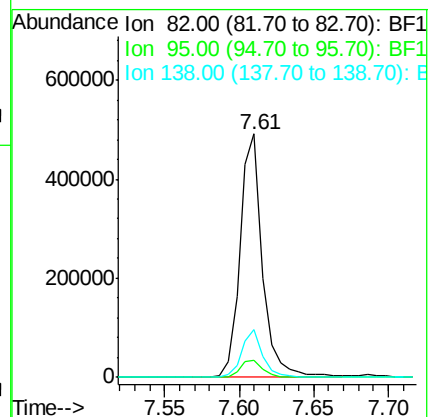
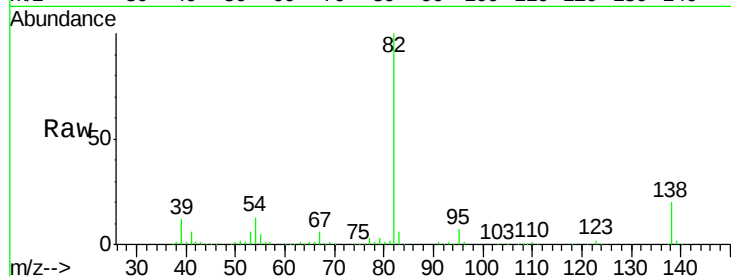
Tot Ion: 82 Resp: 517674

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 51.875 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

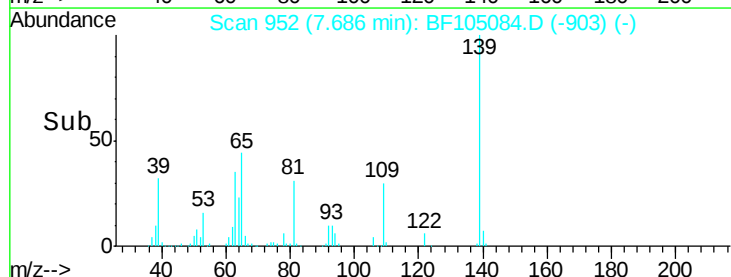
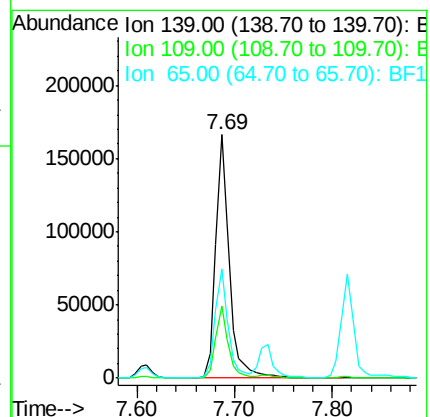
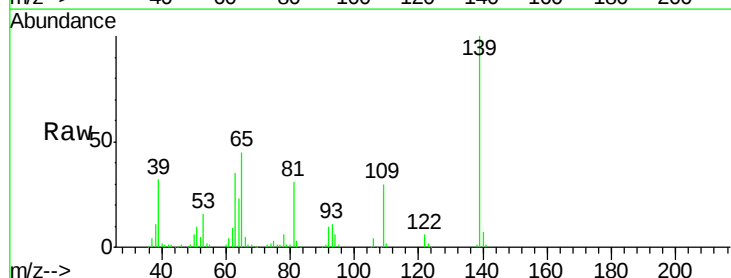
Tgt Ion: 139 Resp: 161219

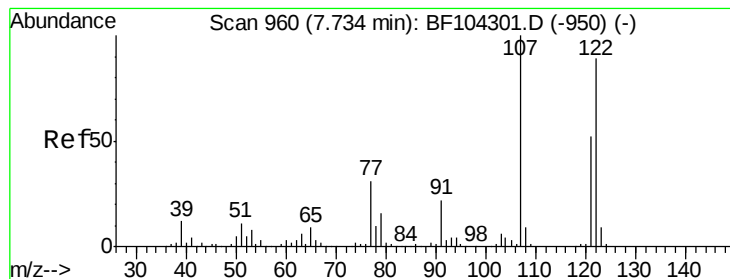
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 44.7 40.5 60.7

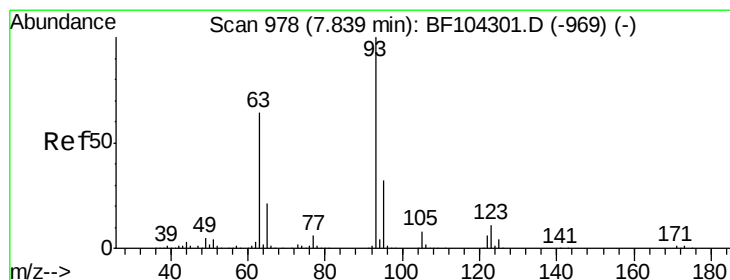
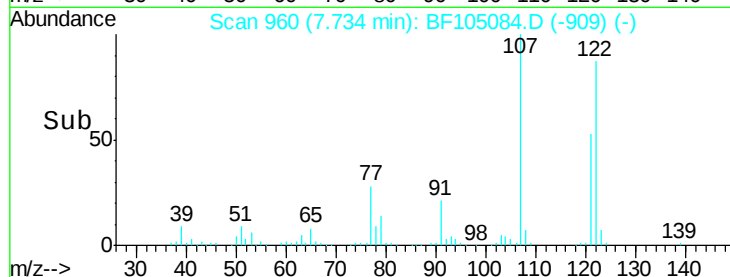
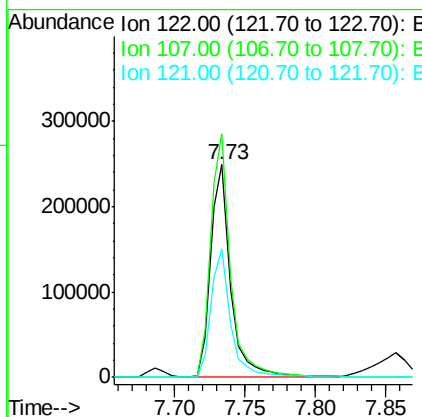
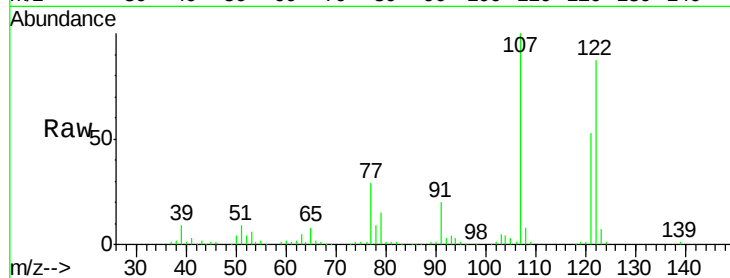




#27
 2,4-Dimethylphenol
 Concen: 37.905 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

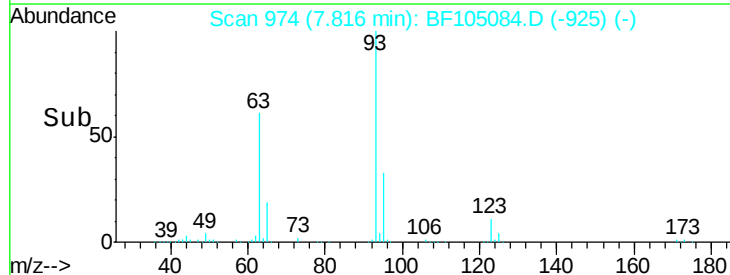
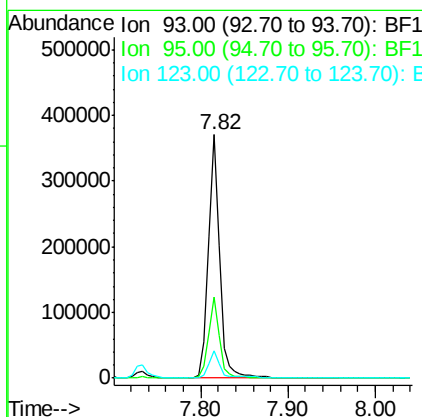
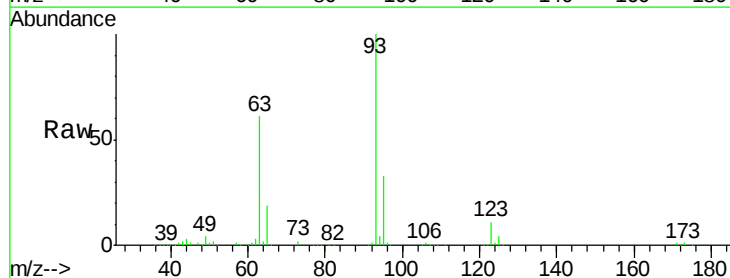
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

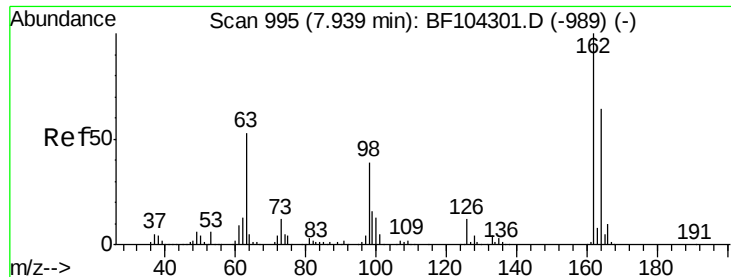
Tot Ion:122 Resp: 244598
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.2 136.8
 121 60.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.749 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 93 Resp: 337465
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 11.3 9.8 14.6

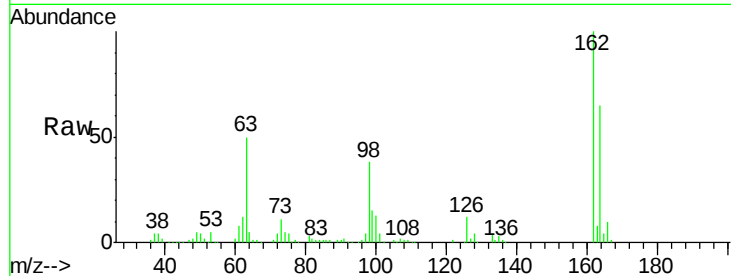




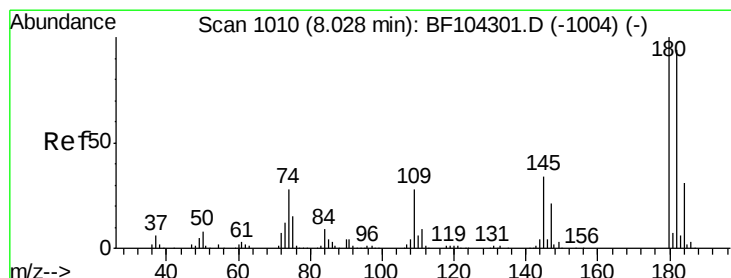
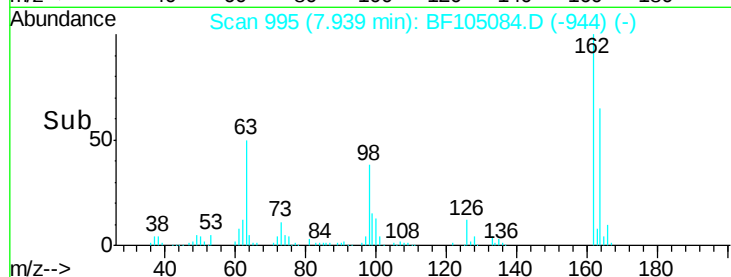
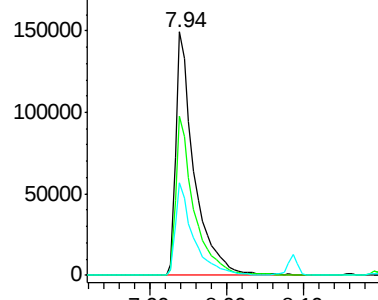
#29
2,4-Dichlorophenol
Concen: 40.219 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	38.2	18.1	58.1

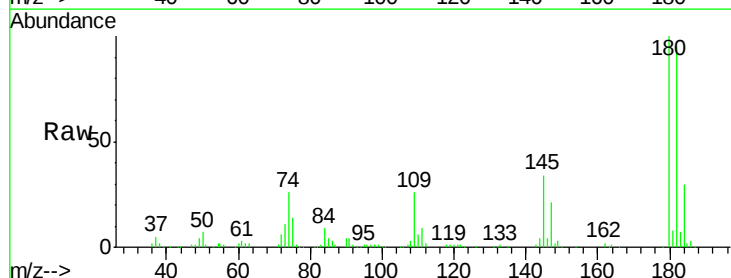


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

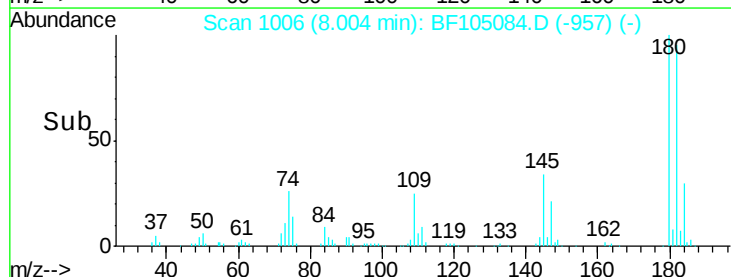
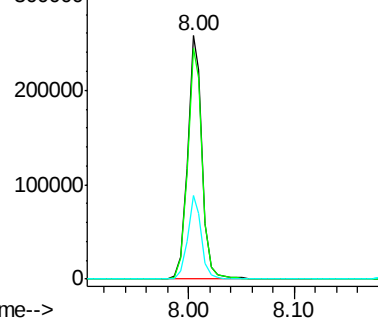


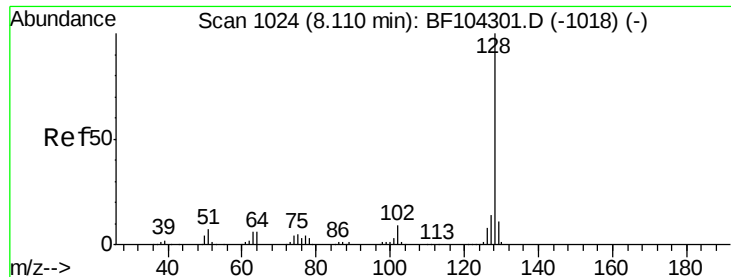
#30
1,2,4-Trichlorobenzene
Concen: 37.117 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	34.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.718 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

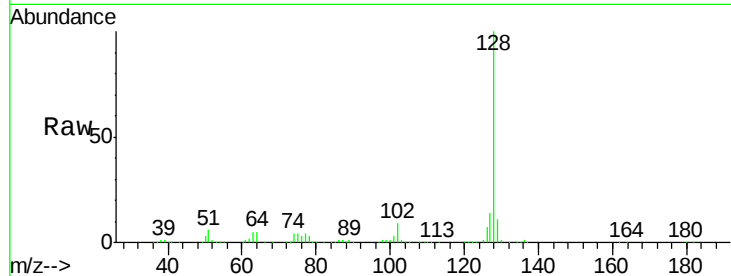
Tot Ion:128 Resp: 825513

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

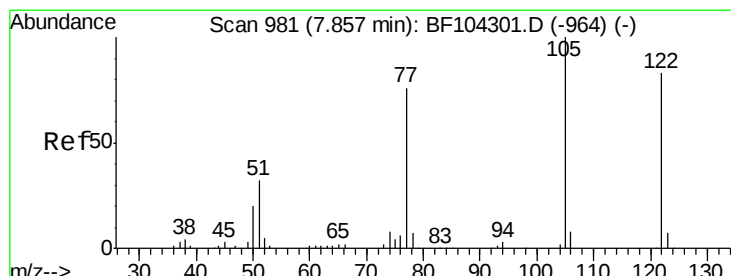
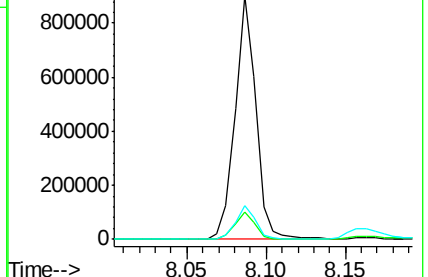
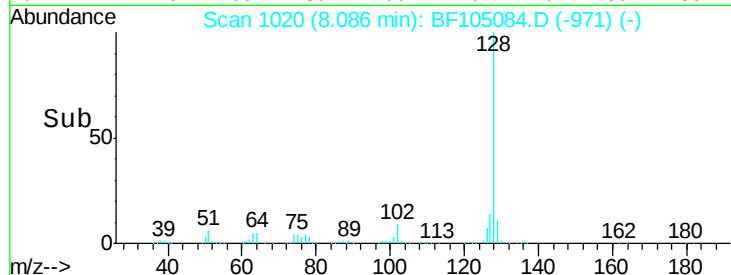
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.014 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.04 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

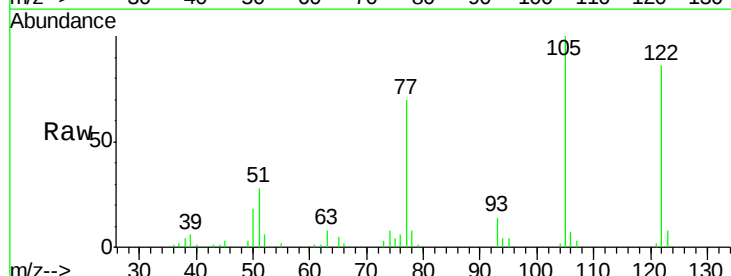
Tgt Ion:122 Resp: 46413

Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

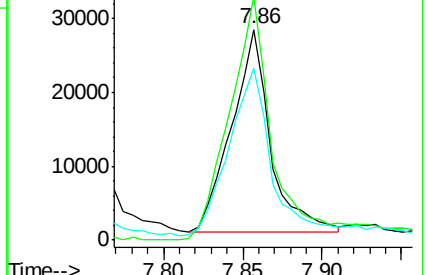
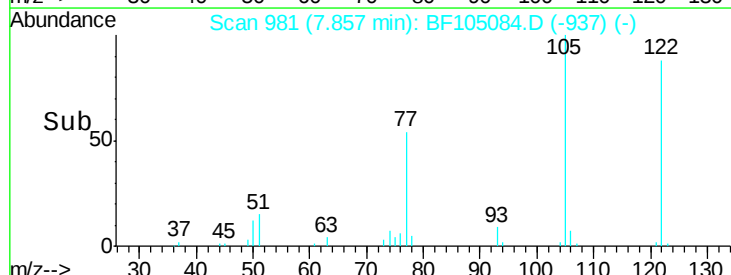
77 81.5 70.7 110.7

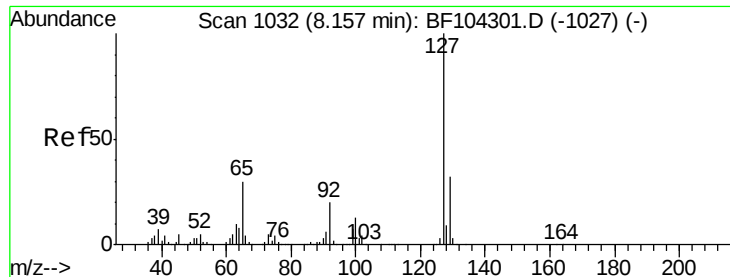


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

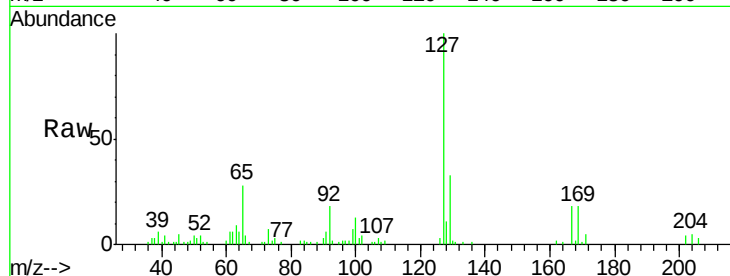




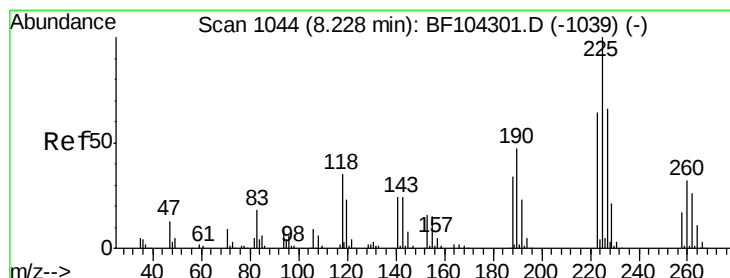
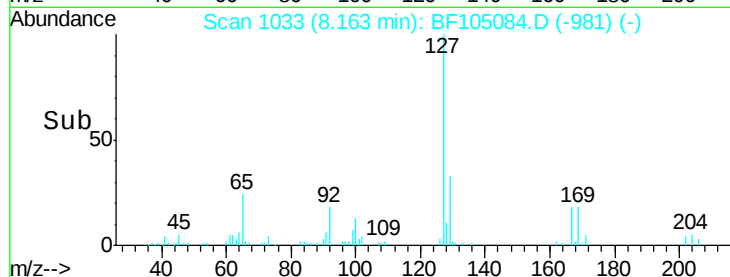
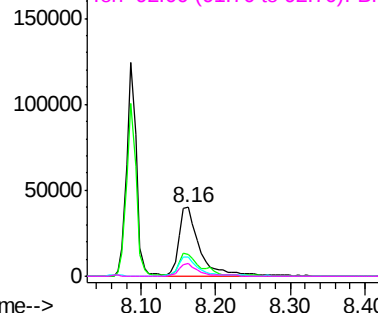
#33
4-Chloroaniline
Concen: 8.254 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

Tot Ion:127	Resp:	79503
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.9 38.9
65	28.1	25.0 37.4
92	18.3	15.2 22.8

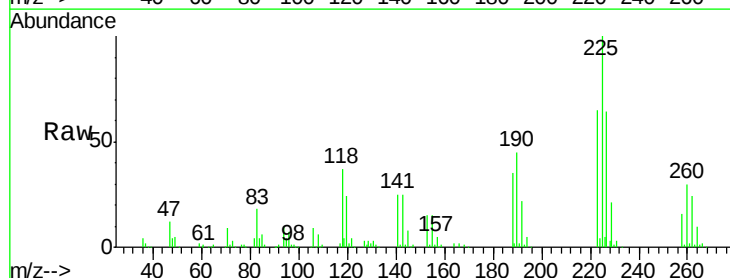


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

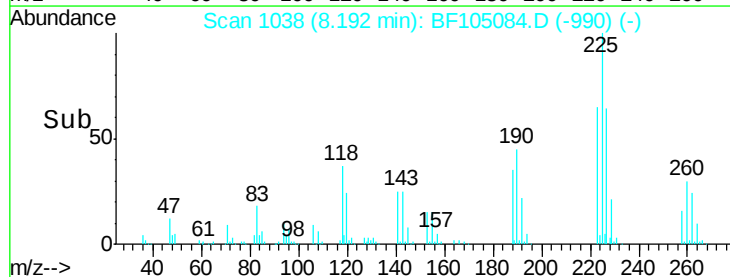
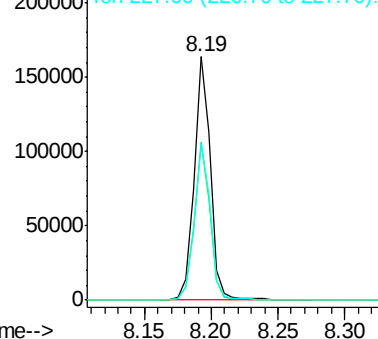


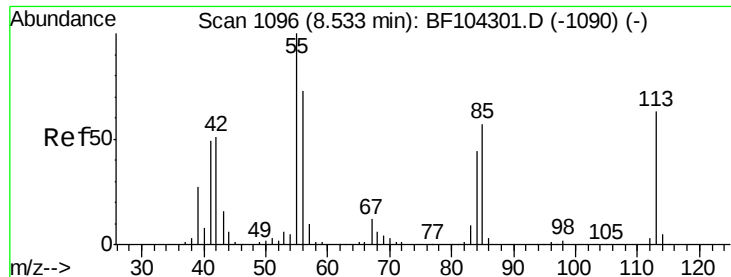
#34
Hexachlorobutadiene
Concen: 37.973 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:225	Resp:	140545
Ion Ratio	Lower	Upper
225	100	
223	65.0	50.6 76.0
227	64.3	51.9 77.9



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

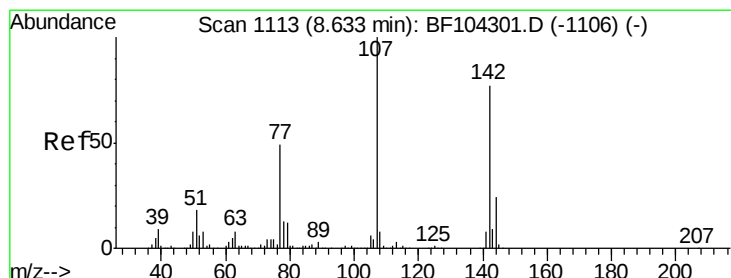
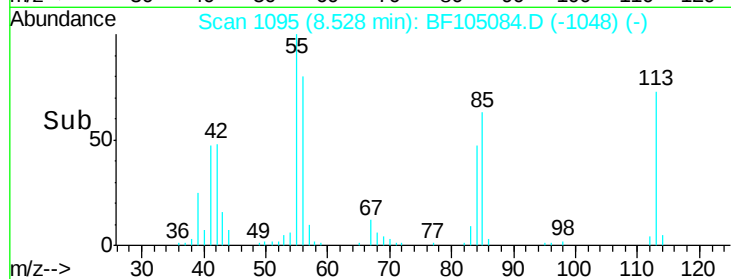
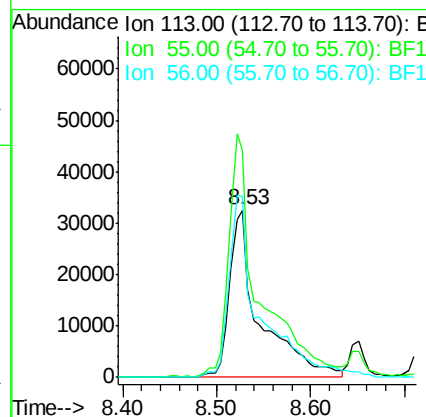
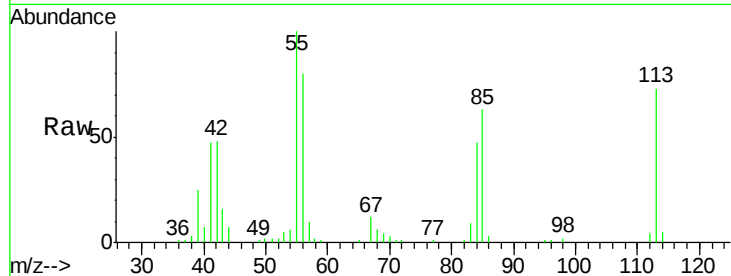




#35
 Caprolactam
 Concen: 33.950 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

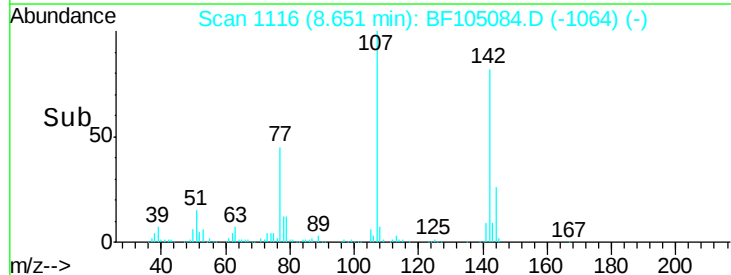
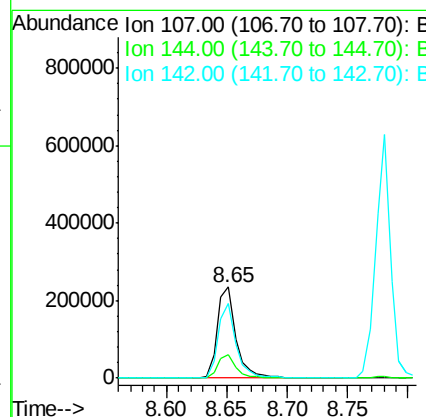
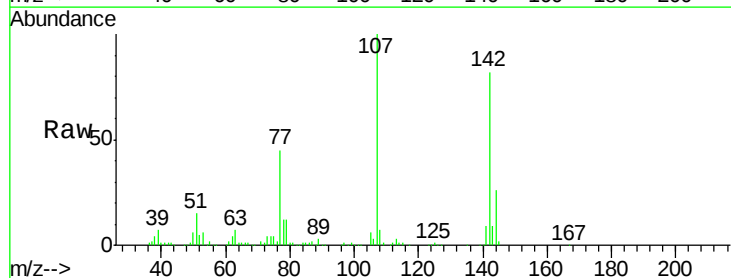
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

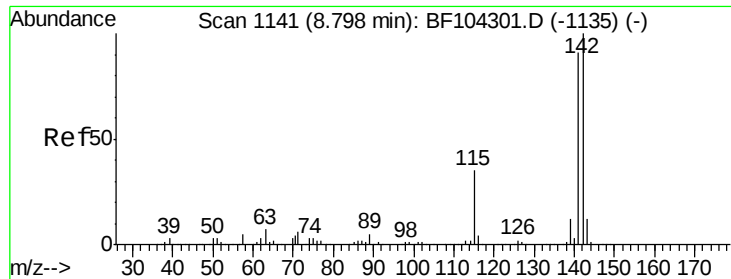
Tot Ion:113 Resp: 72922
 Ion Ratio Lower Upper
 113 100
 55 136.2 163.3 203.3#
 56 108.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.799 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:107 Resp: 249550
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 82.0 62.0 93.0

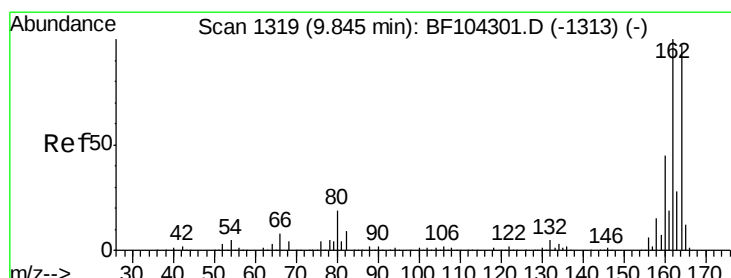
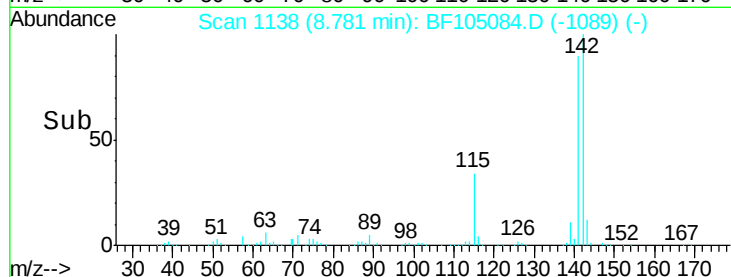
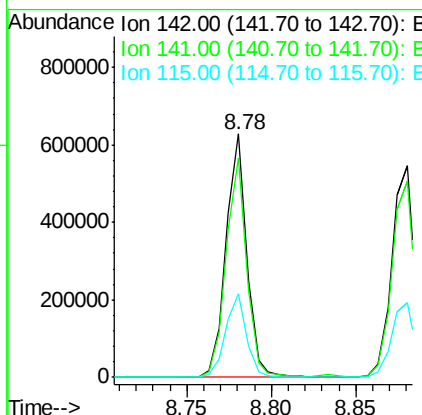
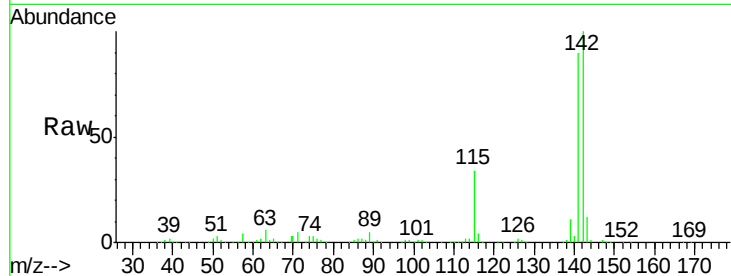




#37
2-Methylnaphthalene
Concen: 36.976 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

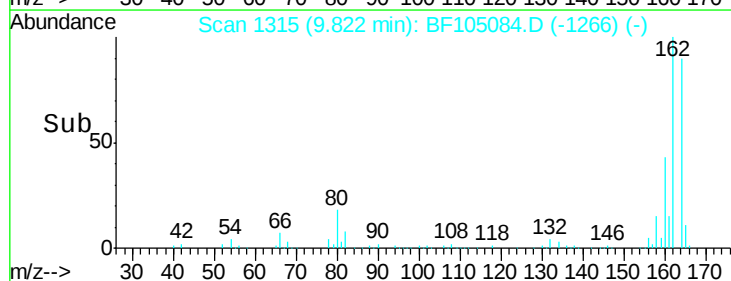
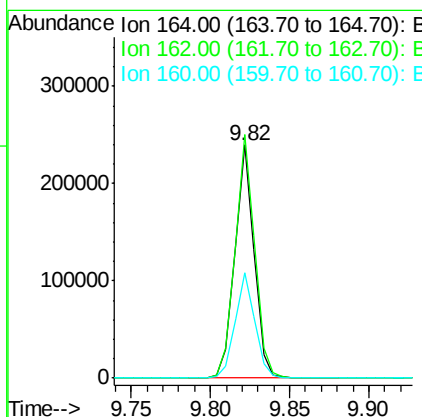
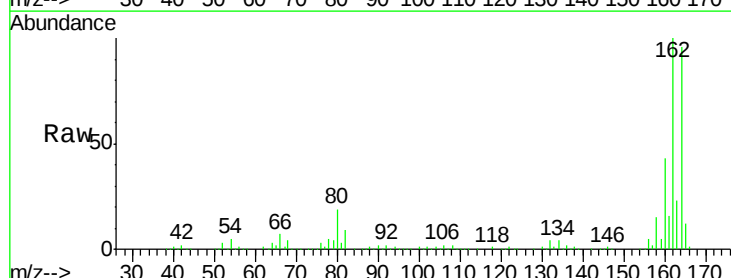
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

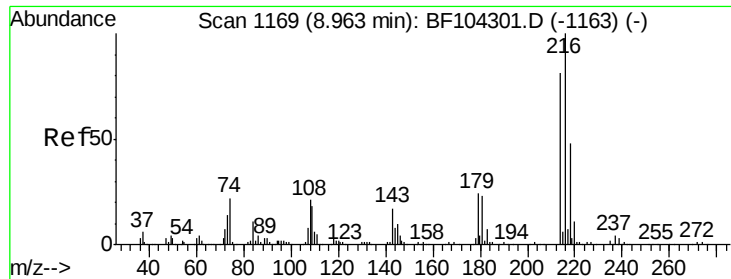
Tot Ion:142 Resp: 537729
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2
115 34.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:164 Resp: 202886
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.3 38.3 57.5

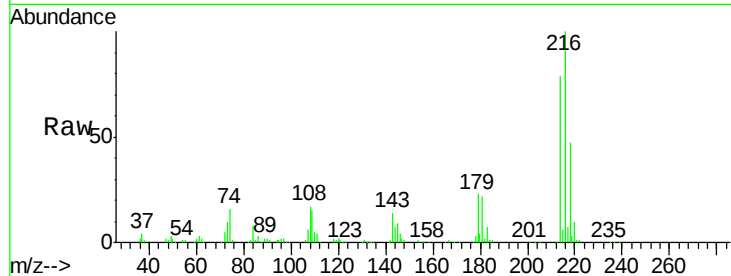




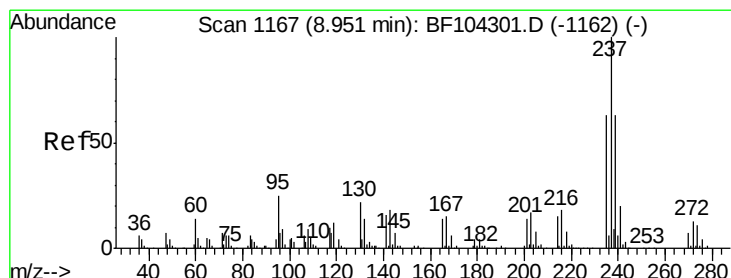
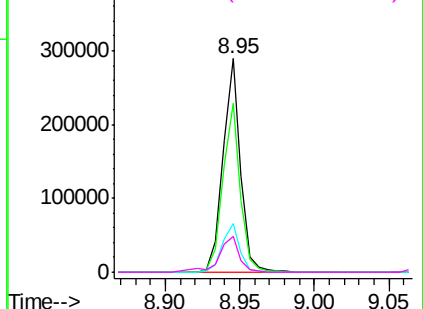
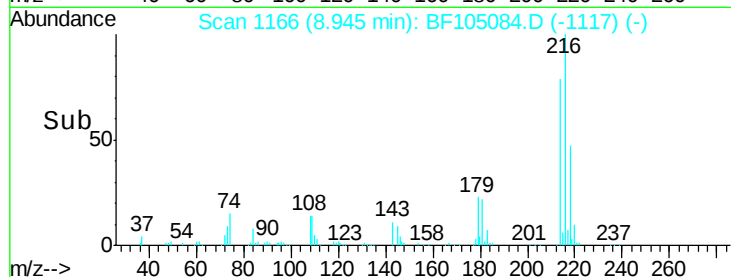
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.350 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

Tot Ion:	216	Resp:	240149
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	22.9	18.1	27.1
108	19.6	17.2	25.8

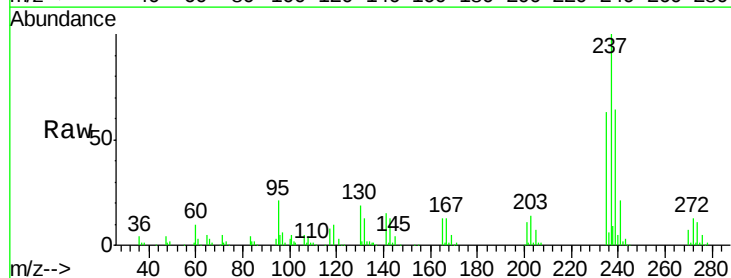


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

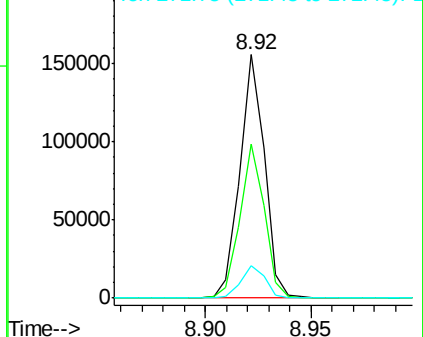
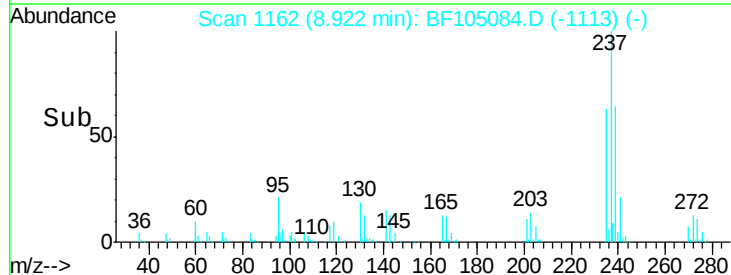


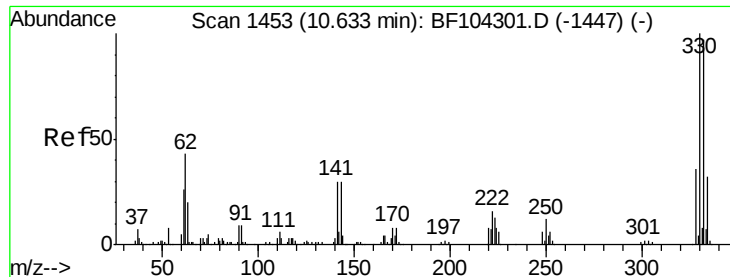
#40
 Hexachlorocyclopentadiene
 Concen: 38.386 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:	237	Resp:	124809
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.8	84.8
272	13.1	0.0	33.3



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

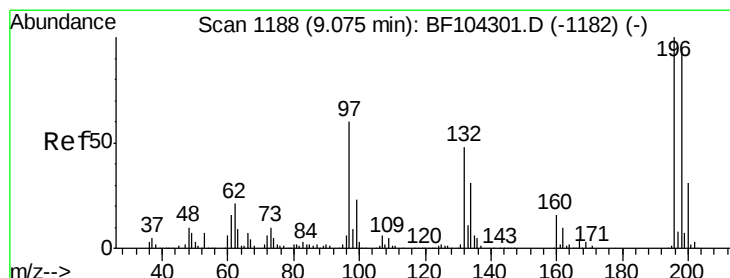
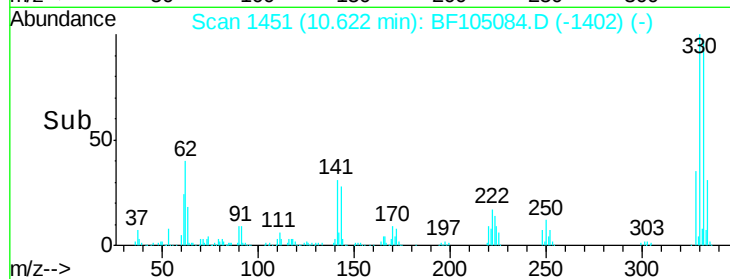
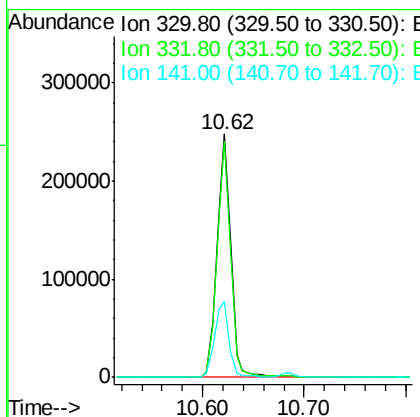
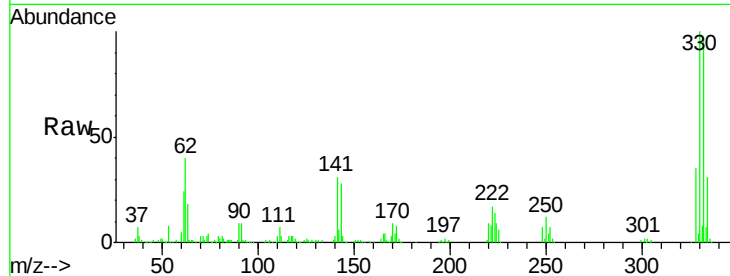




#41
 2,4,6-Tribromophenol
 Concen: 112.255 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

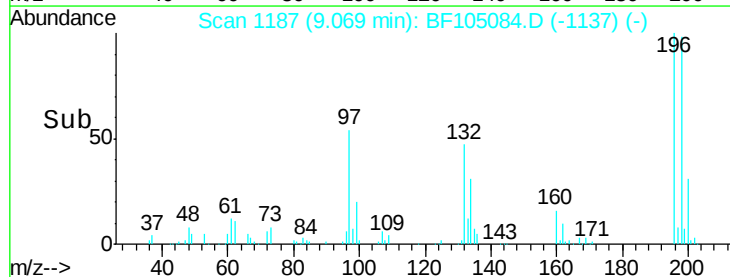
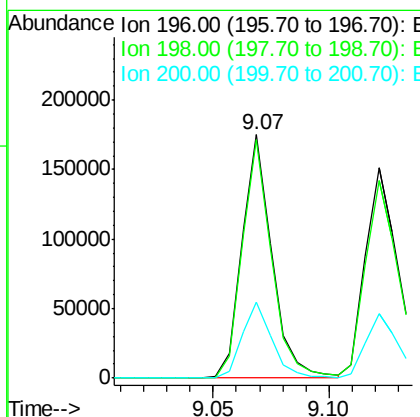
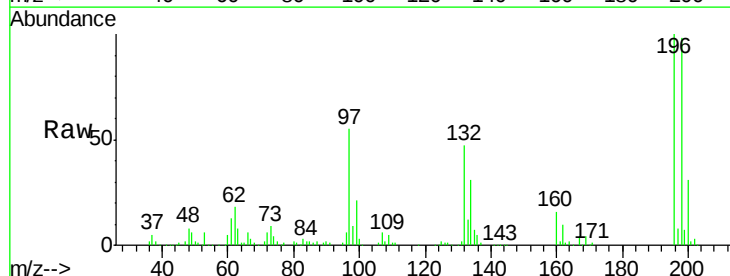
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

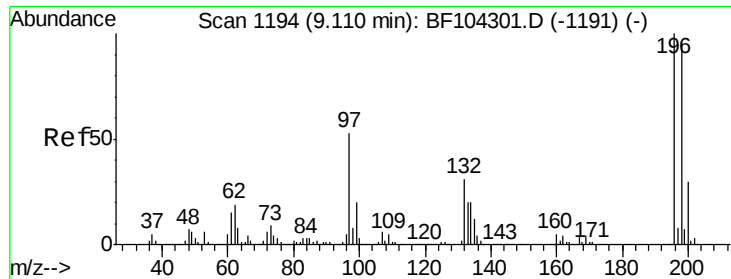
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.350 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	31.3	24.5	36.7

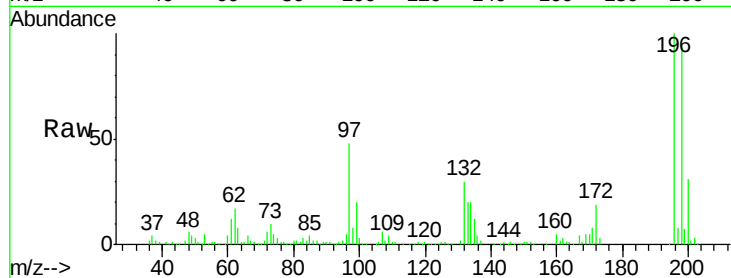




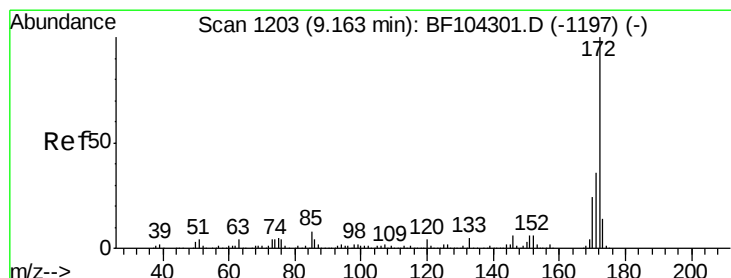
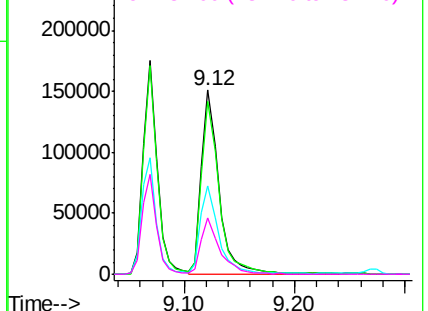
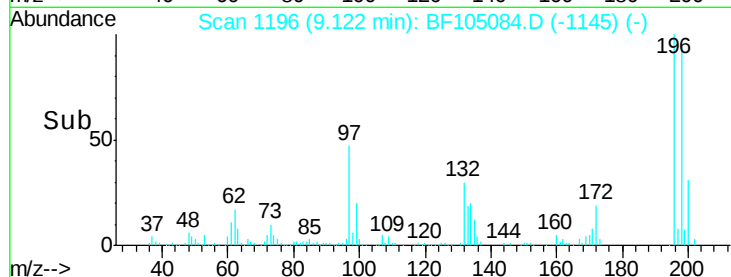
#43
 2,4,5-Trichlorophenol
 Concen: 35.745 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

Tot Ion:196 Resp: 161267
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 112.0
 97 47.9 42.9 64.3
 132 30.4 26.3 39.5

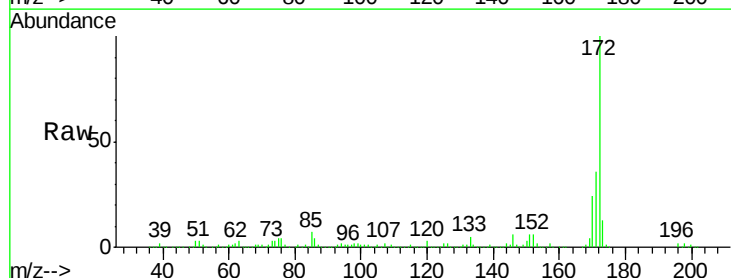


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

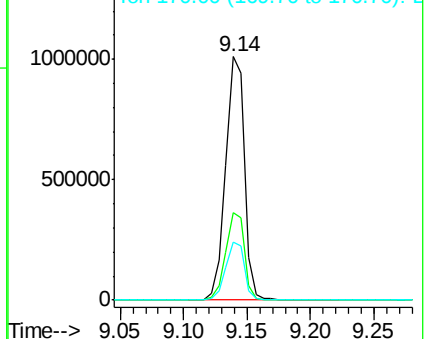
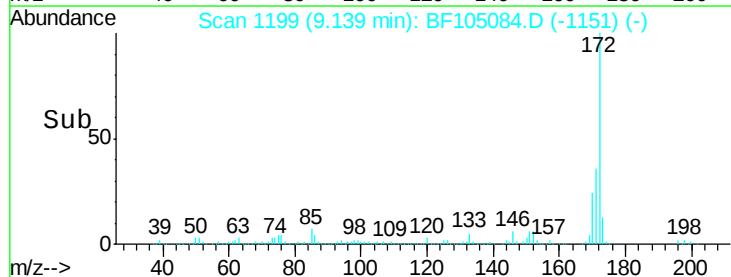


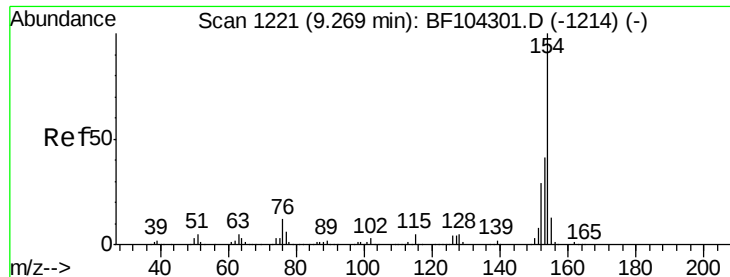
#44
 2-Fluorobiphenyl
 Concen: 80.893 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:172 Resp: 1038904
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4



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

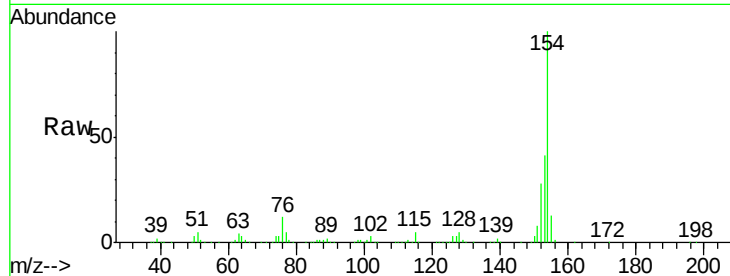




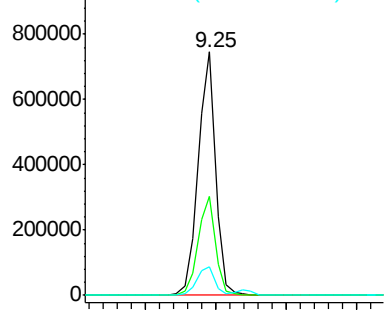
#45
 1,1'-Biphenyl
 Concen: 37.521 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

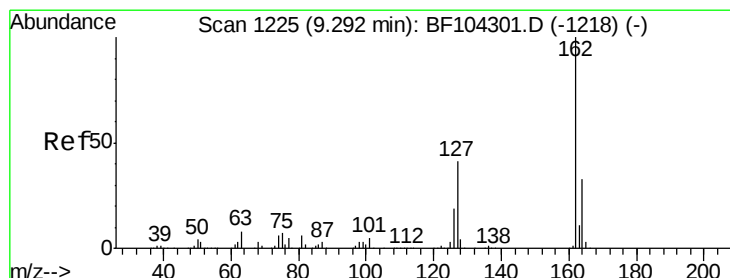
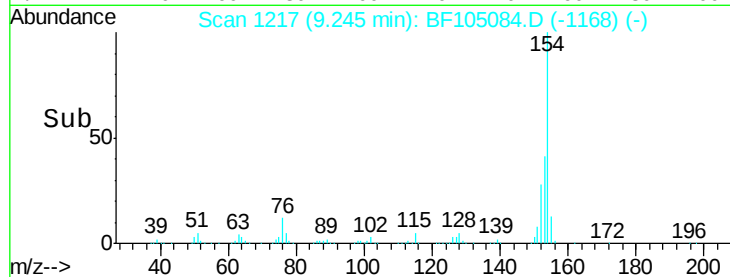
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.6	0.0	34.0



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): BF1

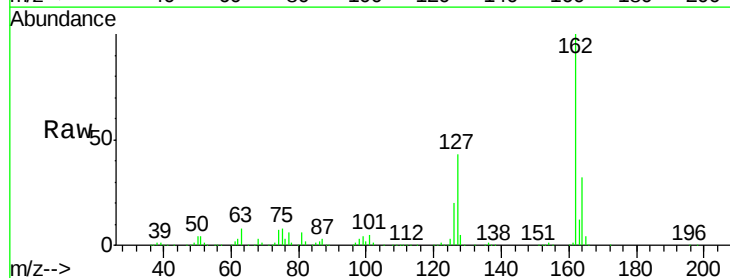


Time-->

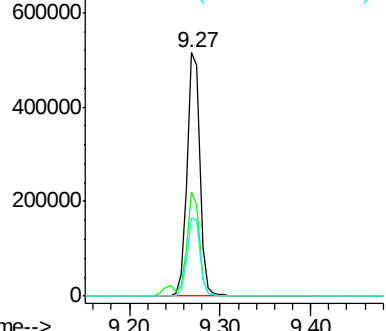


#46
 2-Chloronaphthalene
 Concen: 37.399 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

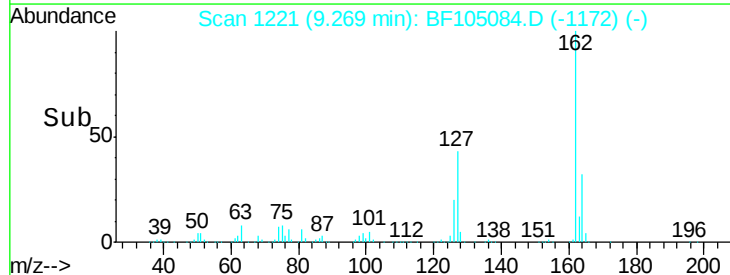
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.9	50.9
164	32.3	26.5	39.7

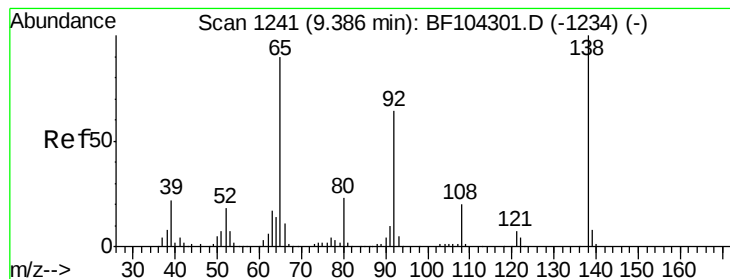


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 42.013 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

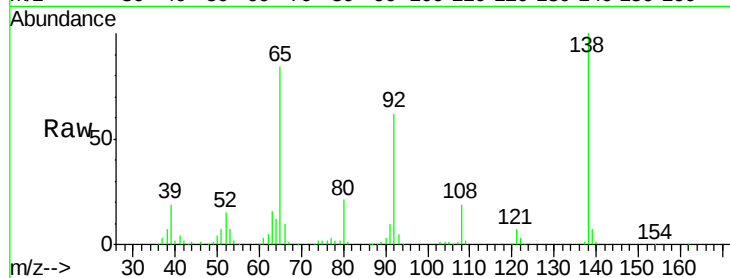
Tot Ion: 65 Resp: 139873

Ion Ratio Lower Upper

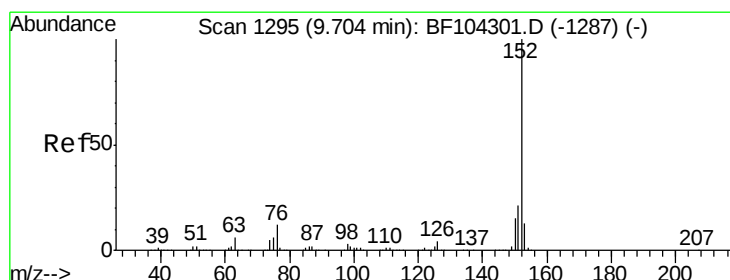
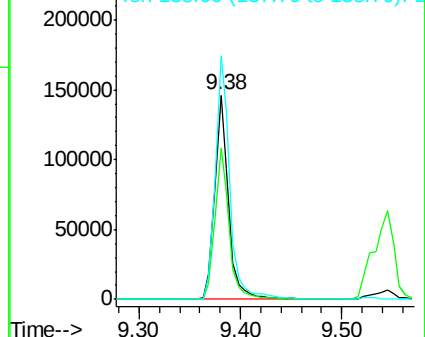
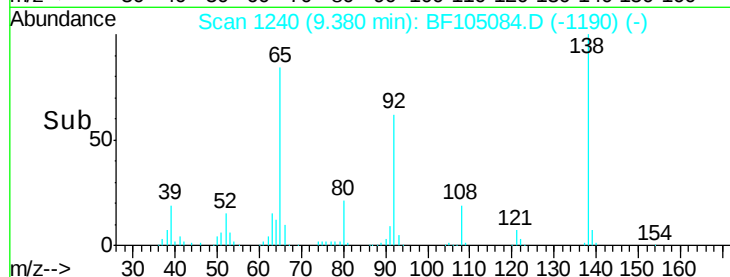
65 100

92 74.2 55.8 83.6

138 119.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 33.679 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

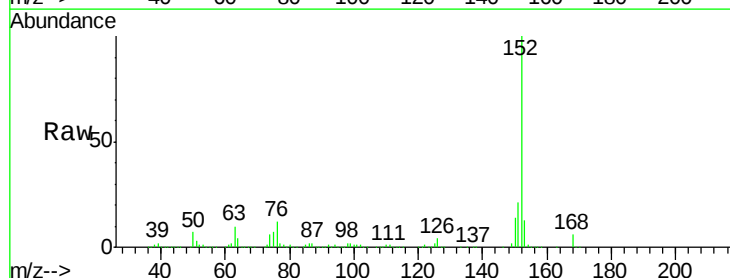
Tgt Ion: 152 Resp: 711370

Ion Ratio Lower Upper

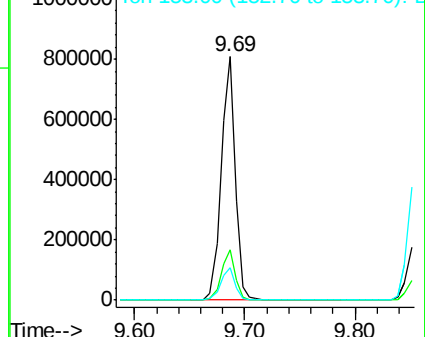
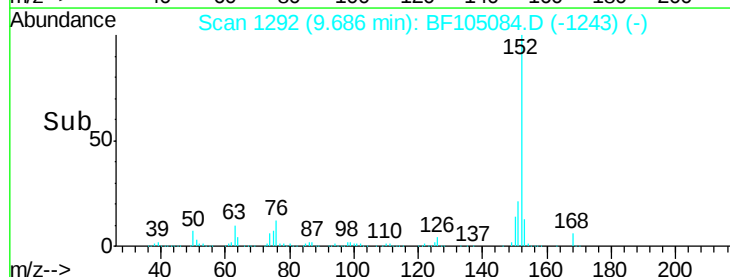
152 100

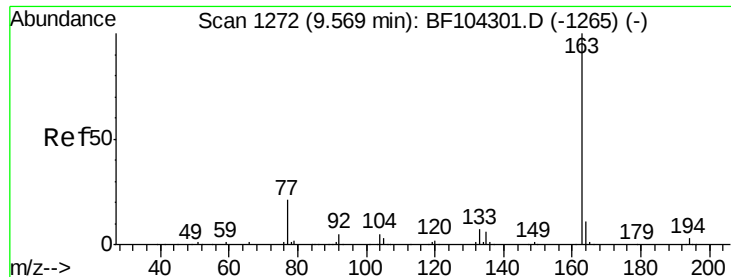
151 20.6 16.3 24.5

153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

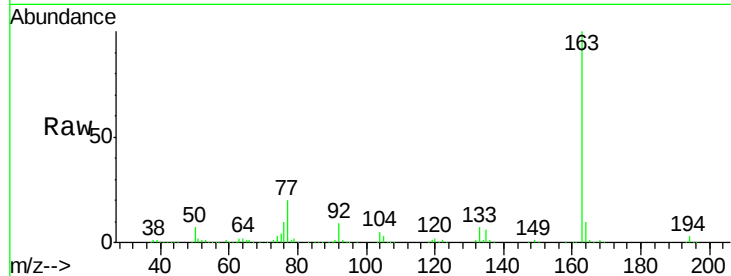




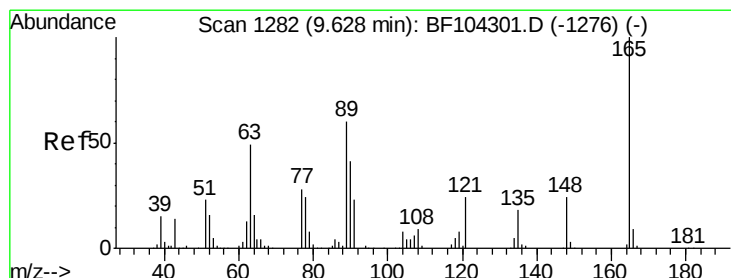
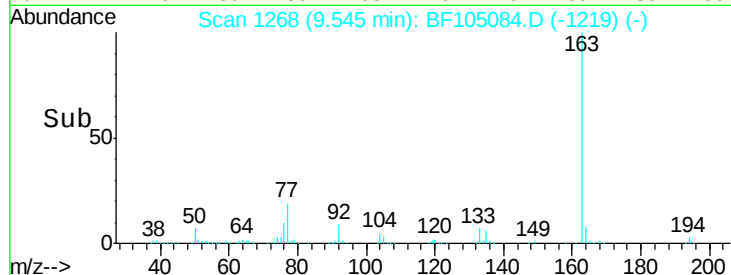
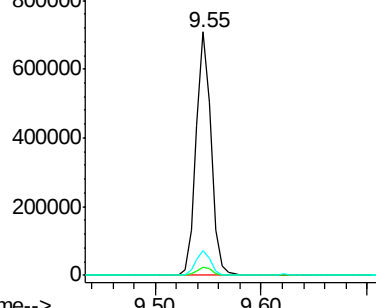
#49
Dimethylphthalate
Concen: 43.838 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

Tot Ion:163 Resp: 701376
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

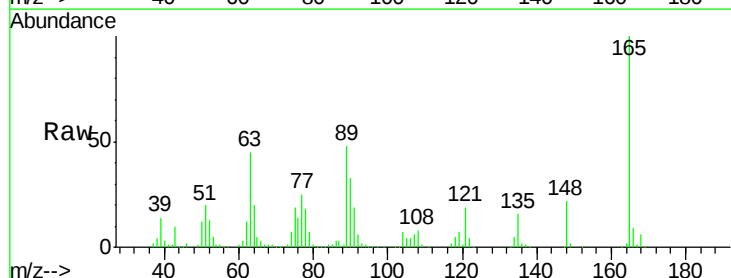


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

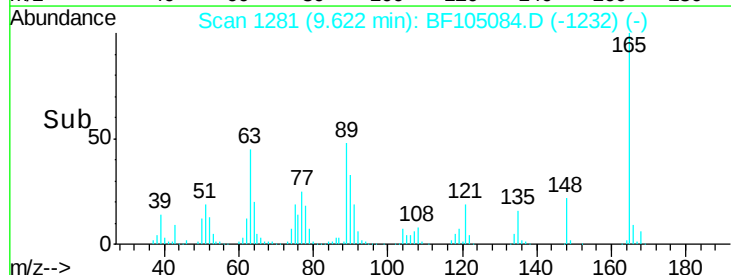
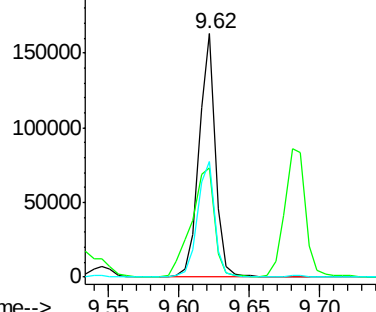


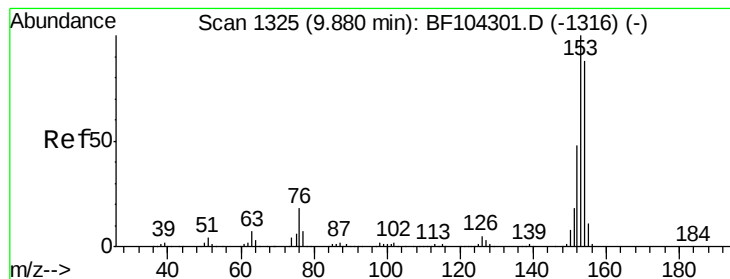
#50
2,6-Dinitrotoluene
Concen: 44.185 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:165 Resp: 130807
Ion Ratio Lower Upper
165 100
63 44.8 44.7 67.1
89 47.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.389 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

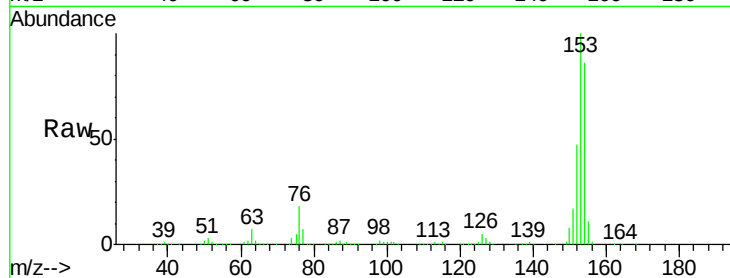
Tot Ion:154 Resp: 430294

Ion Ratio Lower Upper

154 100

153 116.5 91.2 136.8

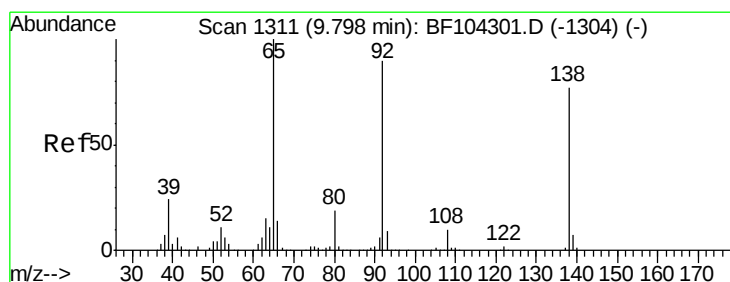
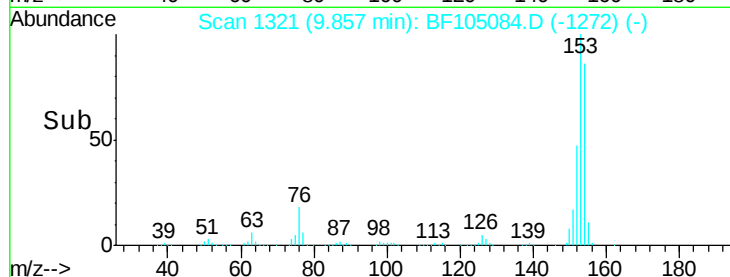
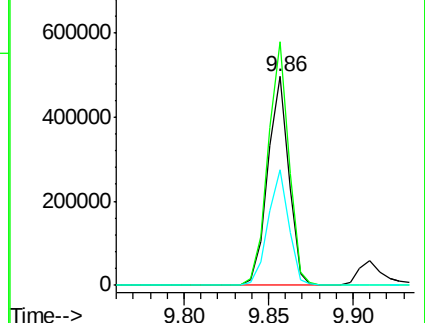
152 55.3 43.8 65.8



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: 19.030 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

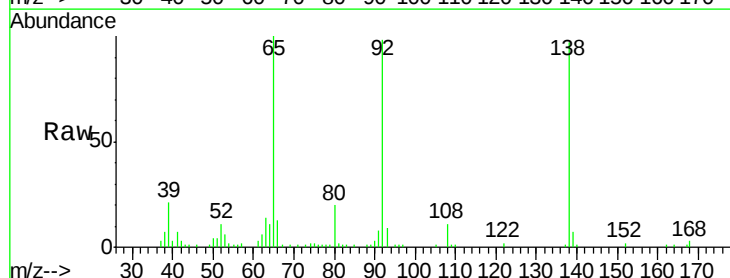
Tgt Ion:138 Resp: 65953

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

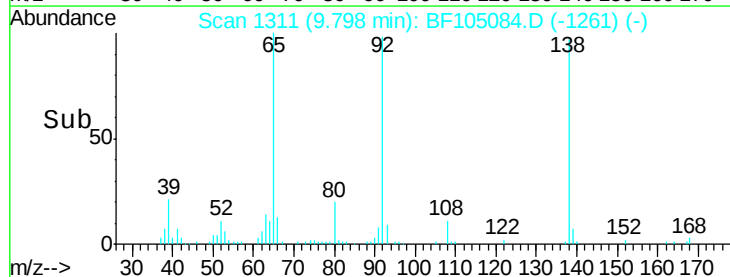
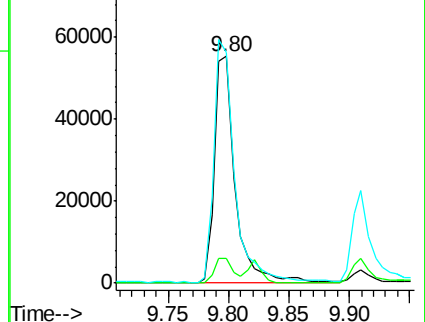
92 101.8 89.4 134.2

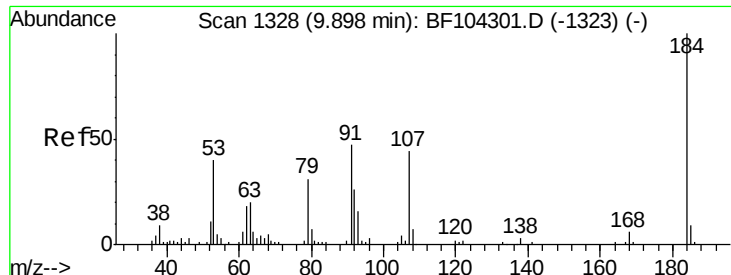


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

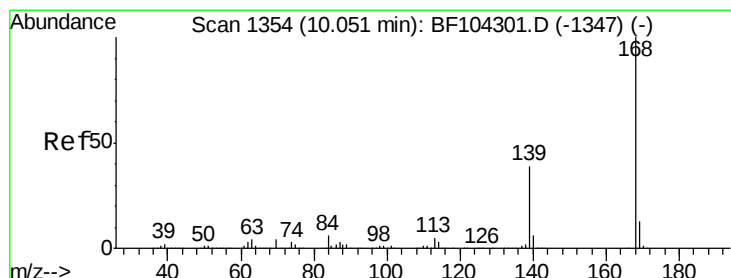
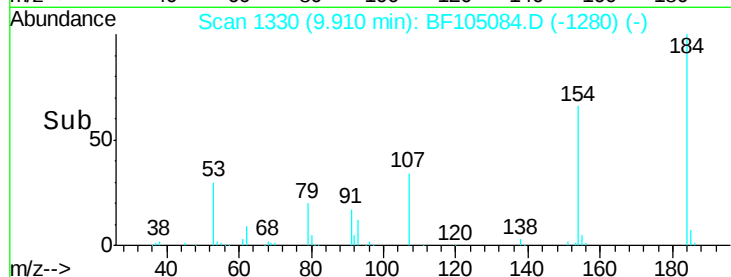
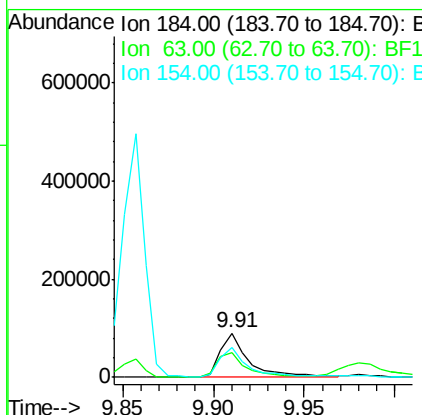
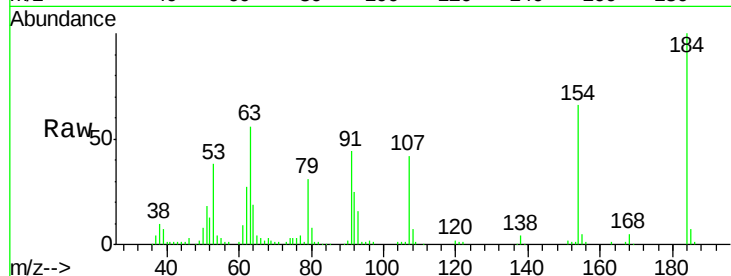




#53
 2,4-Dinitrophenol
 Concen: 81.996 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

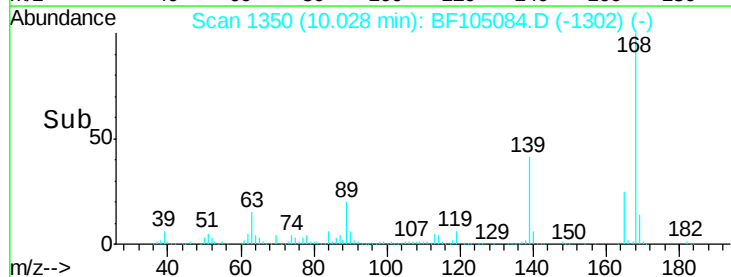
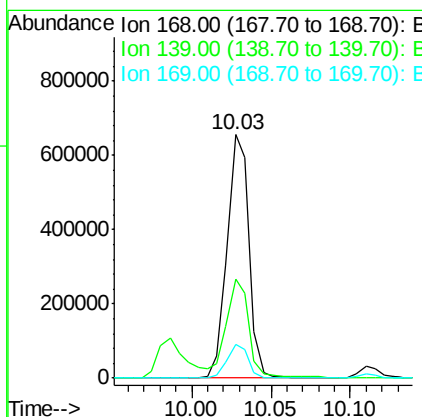
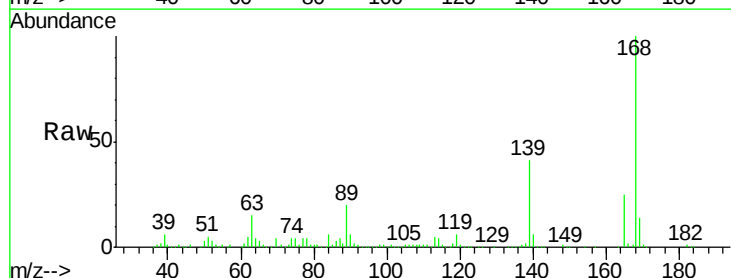
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

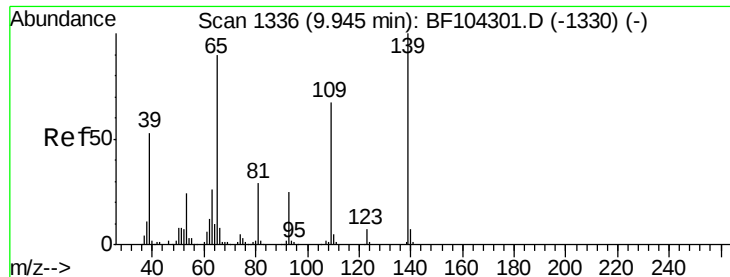
Tot Ion:184 Resp: 101646
 Ion Ratio Lower Upper
 184 100
 63 56.2 54.2 81.2
 154 65.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.944 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:168 Resp: 627598
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.1 45.1
 169 13.6 10.9 16.3

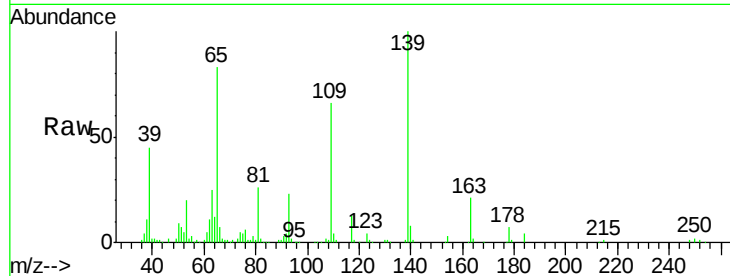




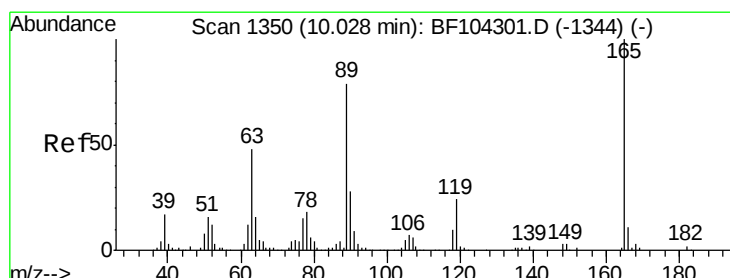
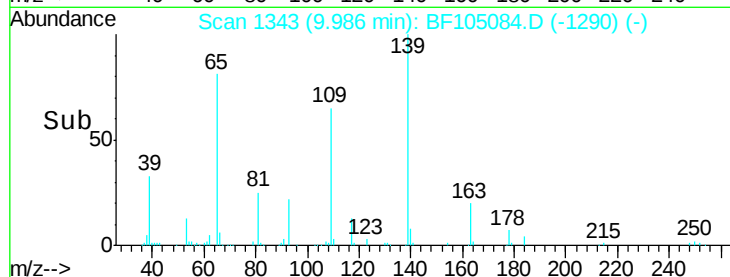
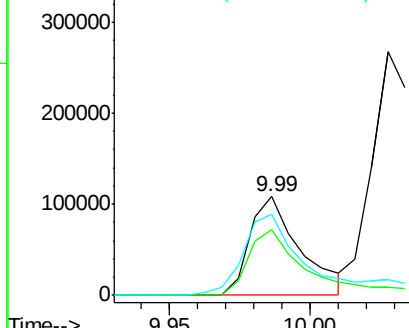
#55
4-Nitrophenol
Concen: 49.095 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

Tot Ion:139 Resp: 133662
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 82.7 72.6 112.6



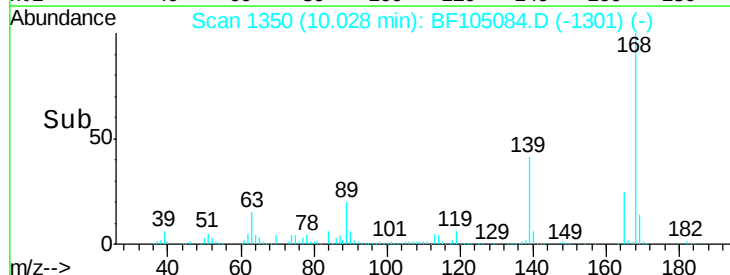
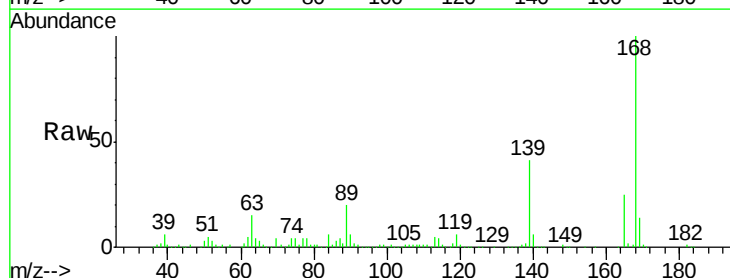
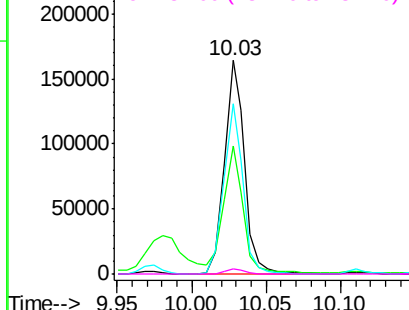
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

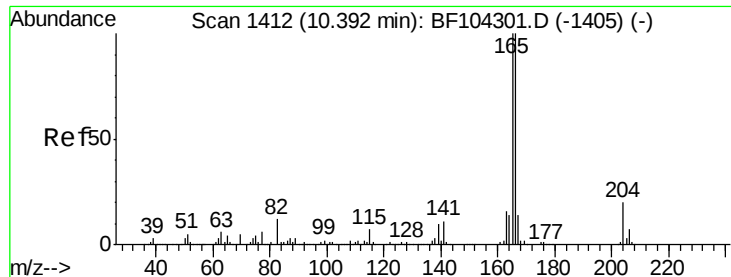


#56
2,4-Dinitrotoluene
Concen: 40.144 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:165 Resp: 155890
Ion Ratio Lower Upper
165 100
63 59.8 36.4 54.6#
89 79.8 57.8 86.6
182 2.3 1.6 2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.401 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

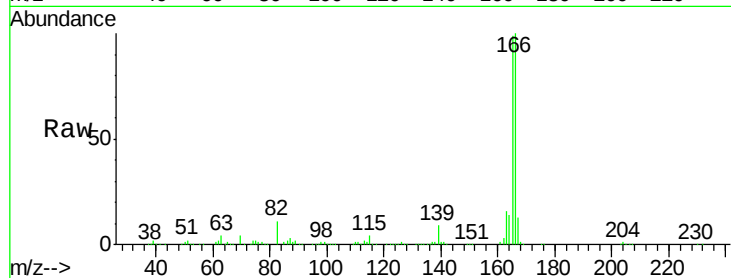
Tot Ion:166 Resp: 515073

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

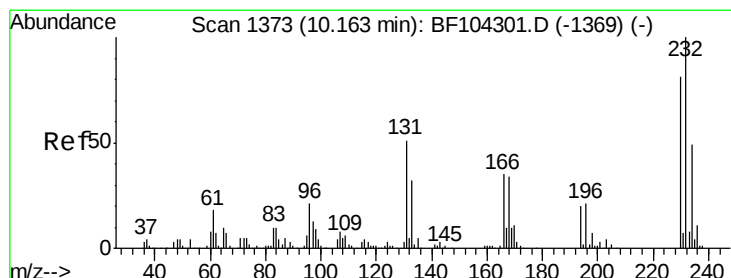
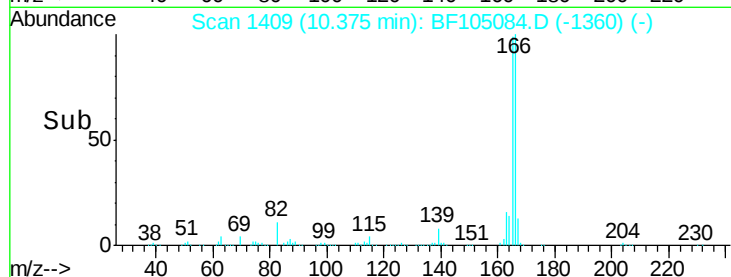
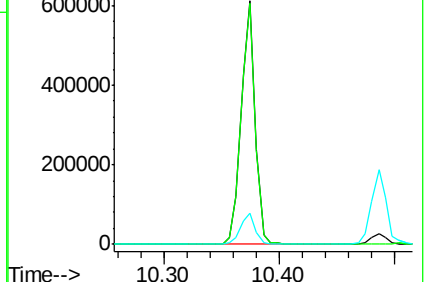
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.381 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Tgt Ion:232 Resp: 125819

Ion Ratio Lower Upper

232 100

131 49.6 43.8 65.8

130 2.4 2.1 3.1

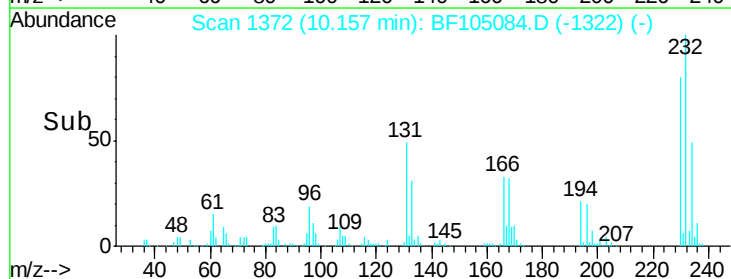
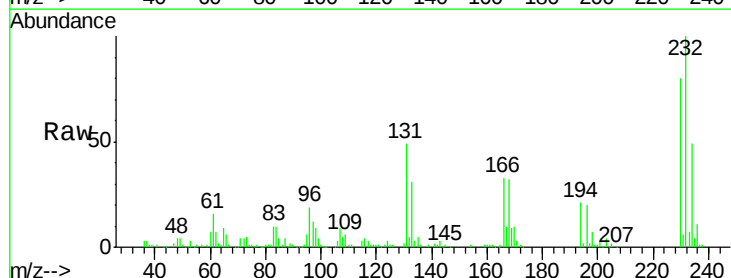
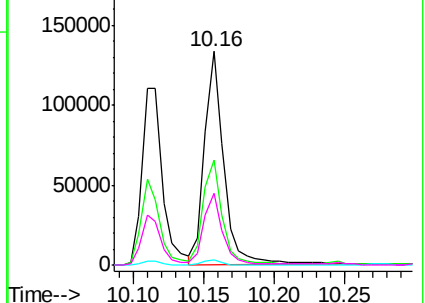
166 33.1 27.8 41.6

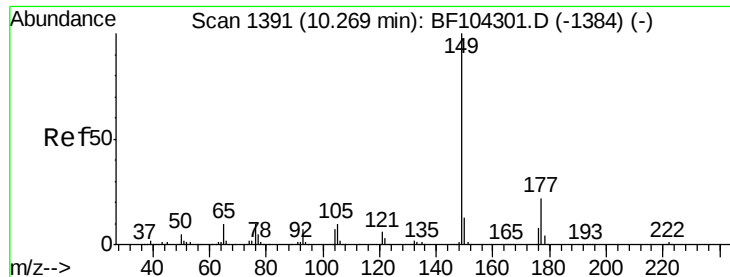
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

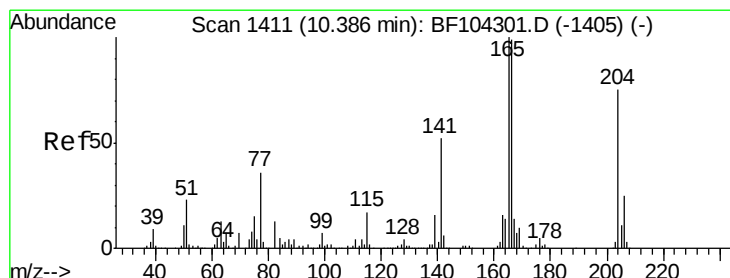
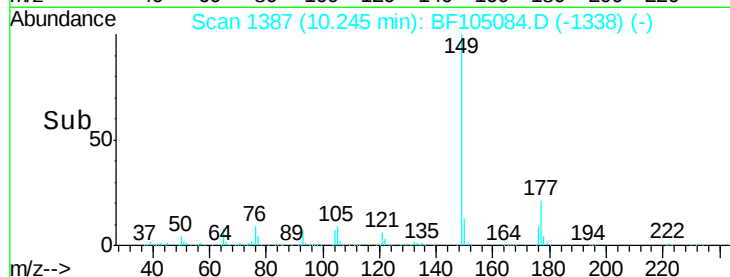
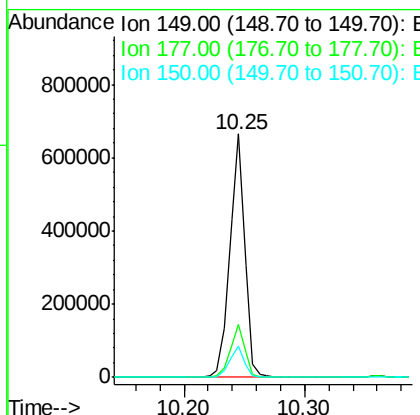
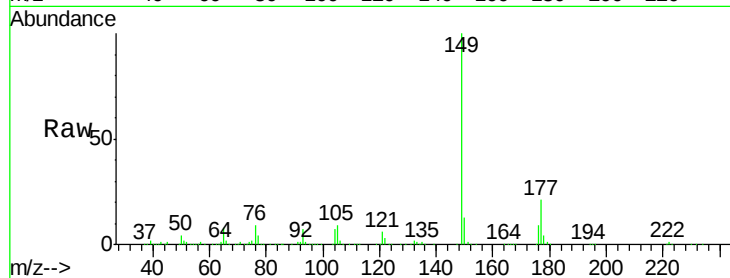




#59
Diethylphthalate
Concen: 35.771 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

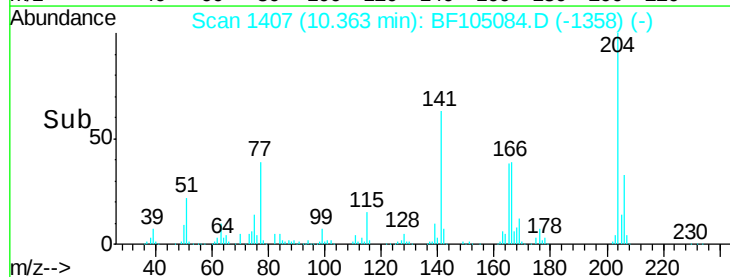
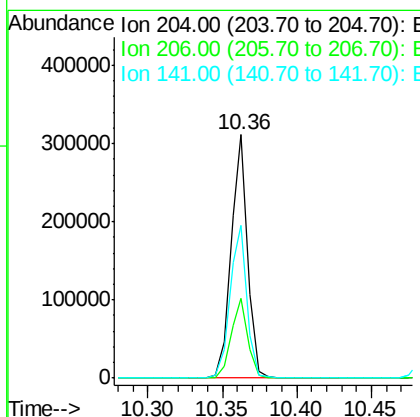
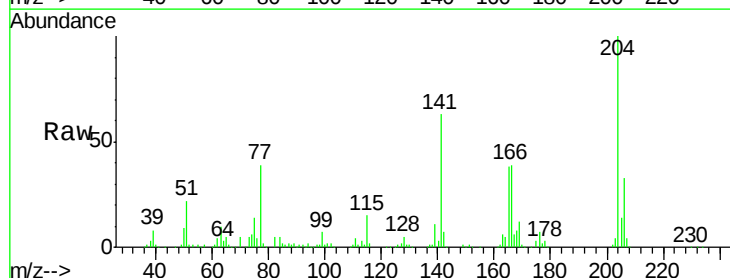
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

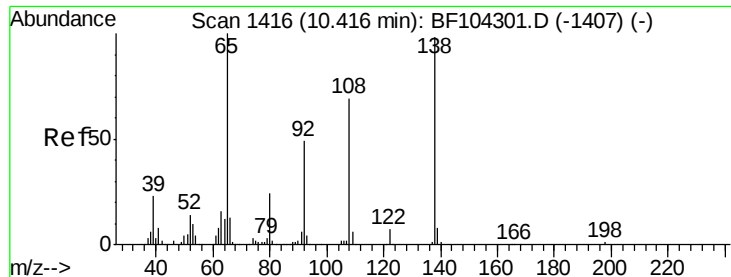
Tot Ion:149 Resp: 569984
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.068 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:204 Resp: 244915
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.9 54.6 81.8

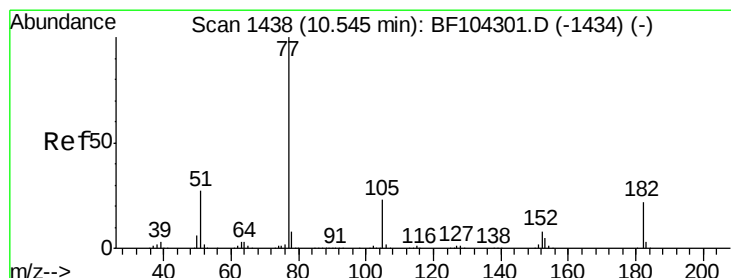
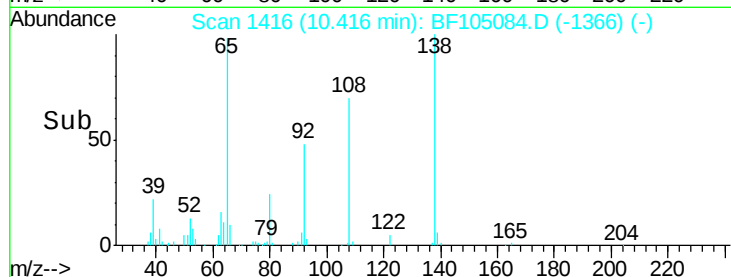
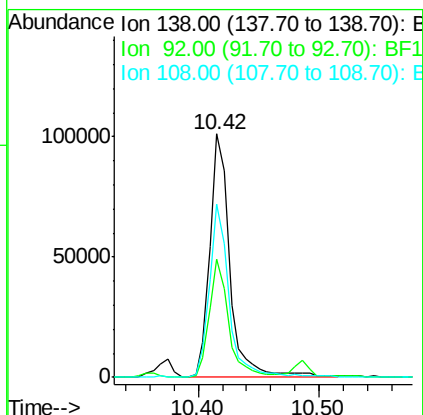
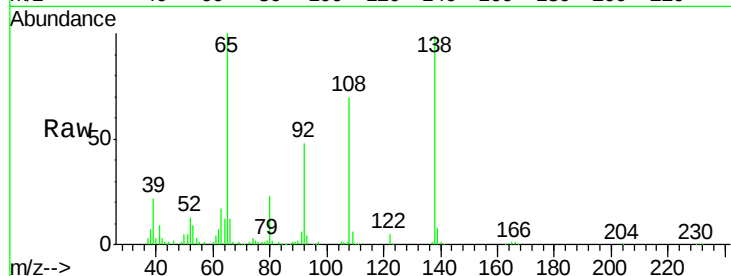




#61
4-Nitroaniline
Concen: 34.543 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

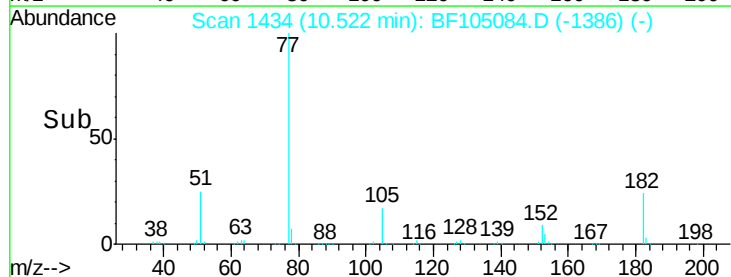
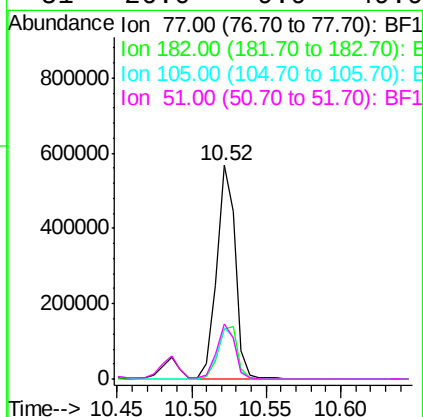
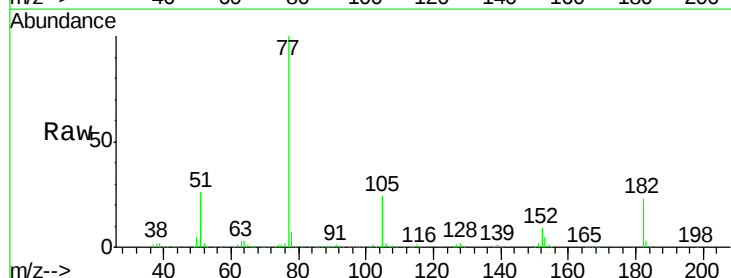
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

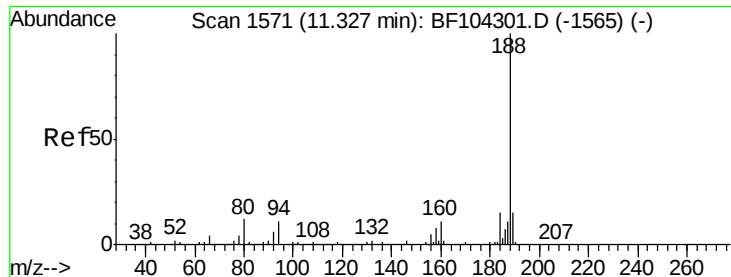
Tot Ion:138 Resp: 117059
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 71.0 52.5 92.5



#62
Azobenzene
Concen: 32.468 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion: 77 Resp: 494263
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.9 3.0 43.0
51 26.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

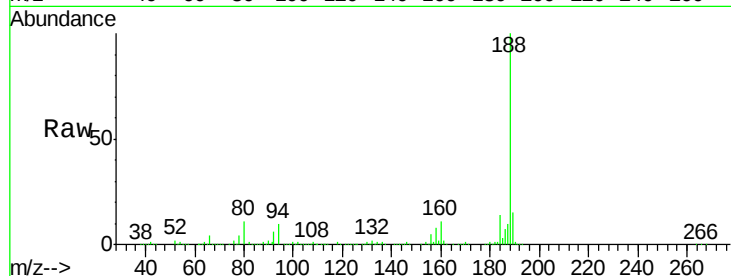
Tot Ion:188 Resp: 346962

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

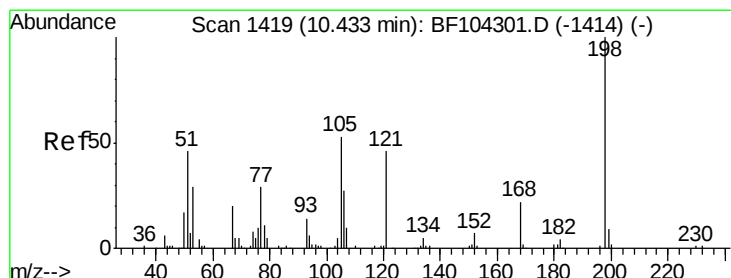
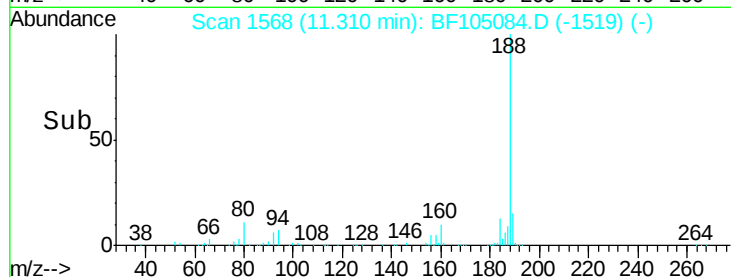
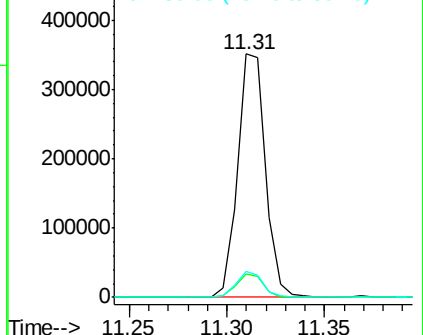
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 45.919 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

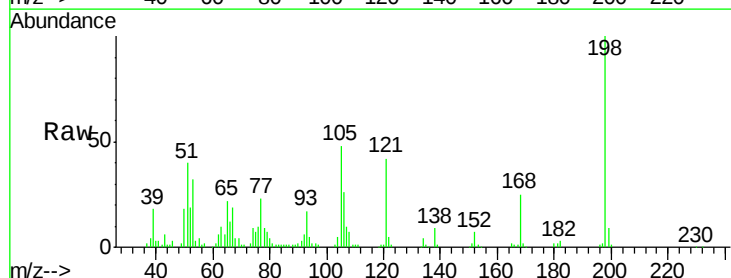
Tgt Ion:198 Resp: 76957

Ion Ratio Lower Upper

198 100

51 39.8 37.7 77.7

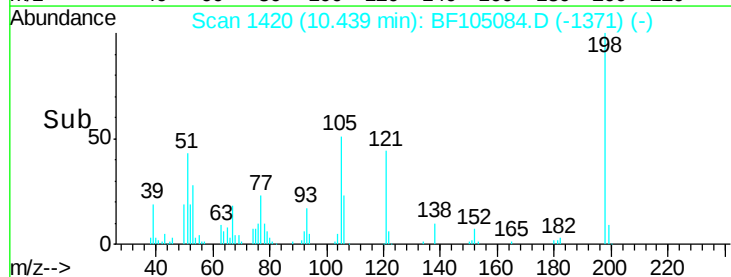
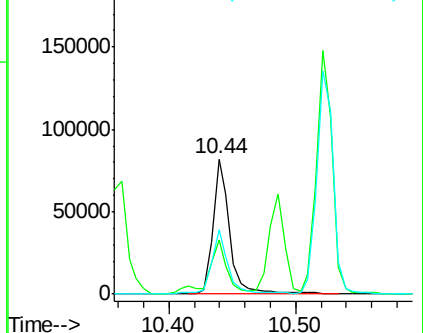
105 47.7 36.3 76.3

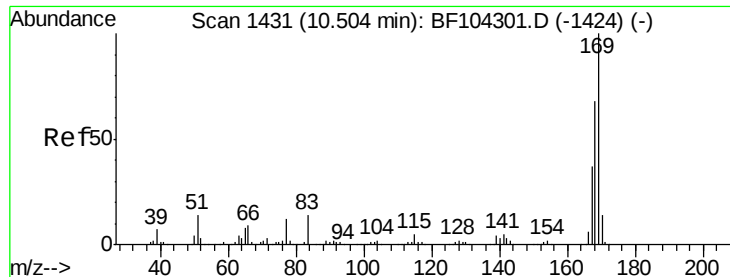


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.676 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

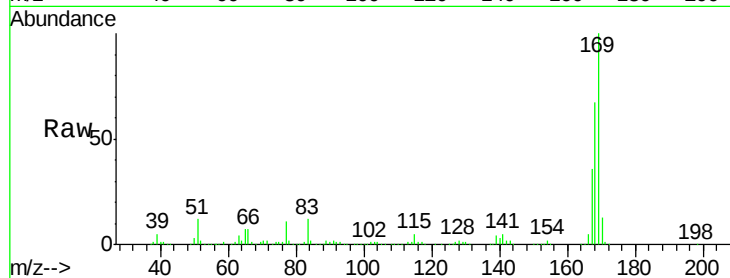
Tot Ion:169 Resp: 453242

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

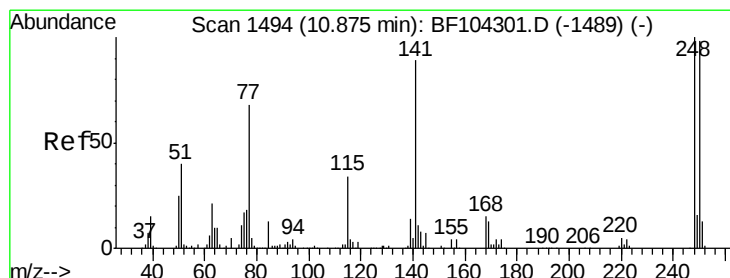
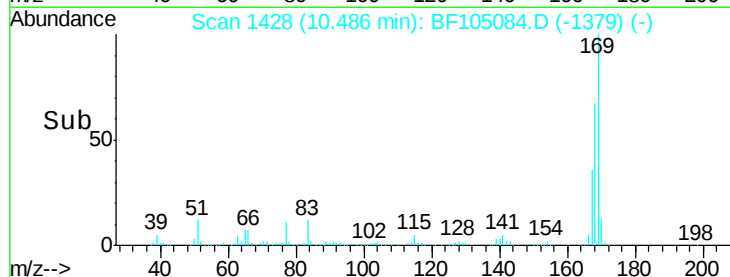
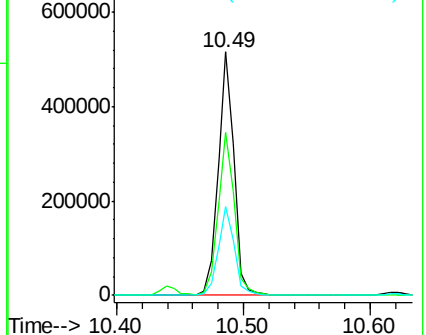
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.981 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

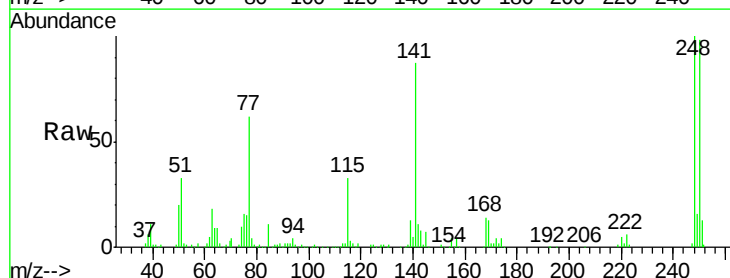
Tgt Ion:248 Resp: 143860

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

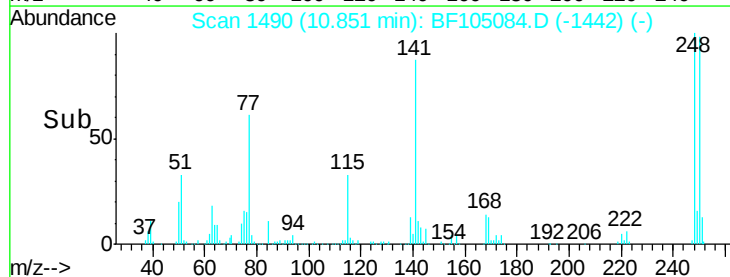
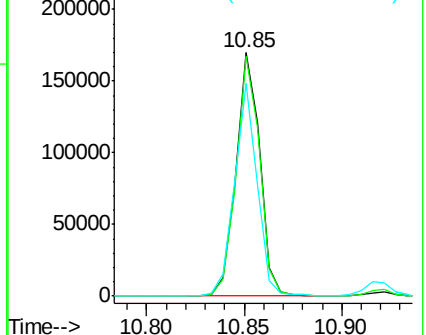
141 87.4 74.4 111.6

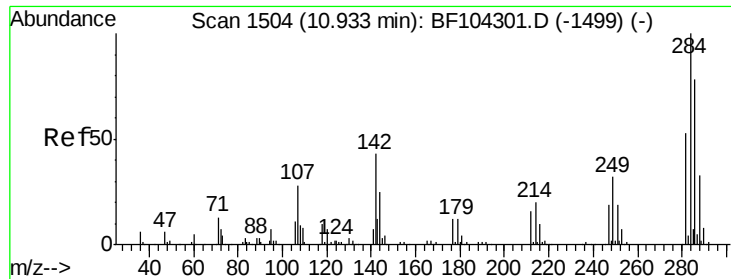


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

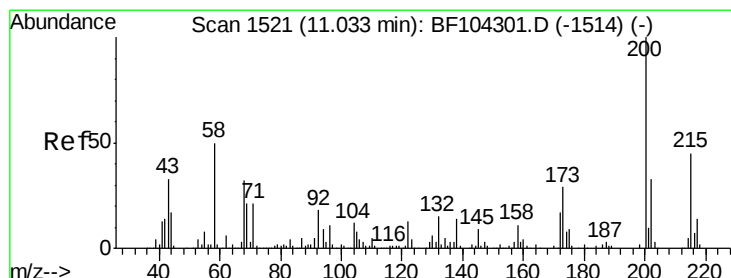
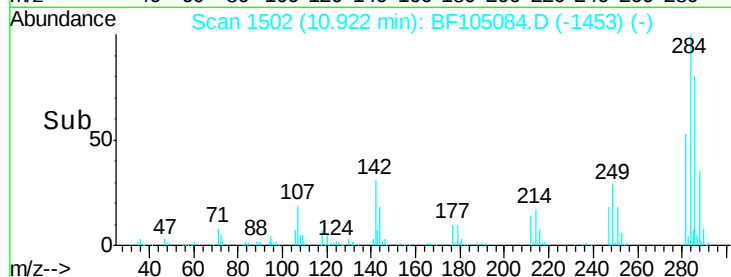
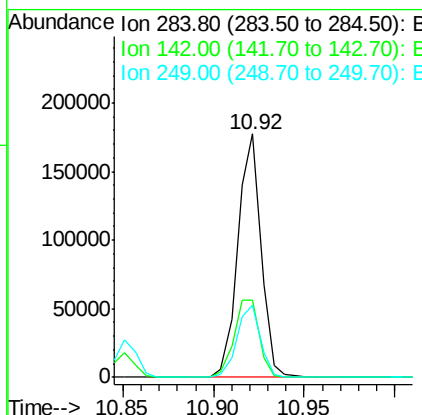
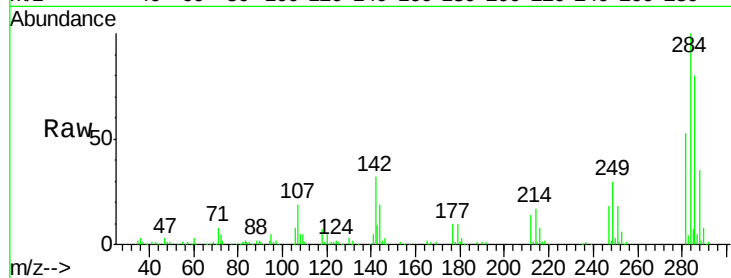




#67
Hexachlorobenzene
Concen: 38.019 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

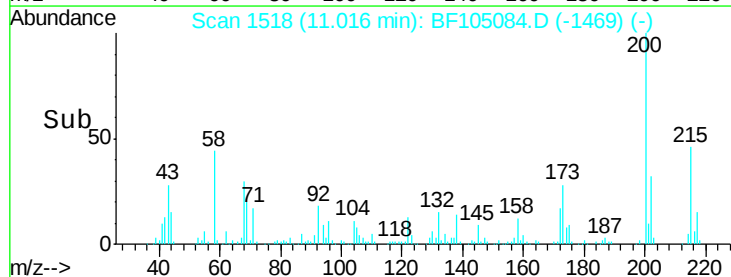
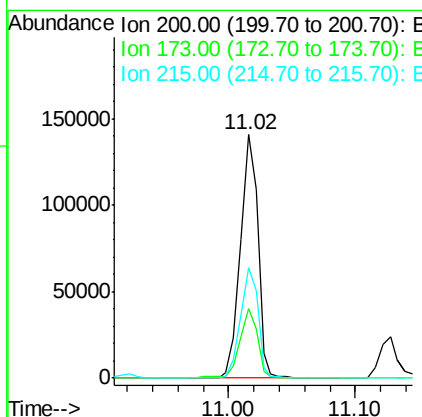
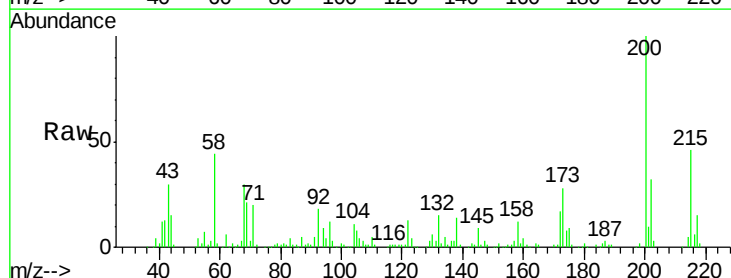
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

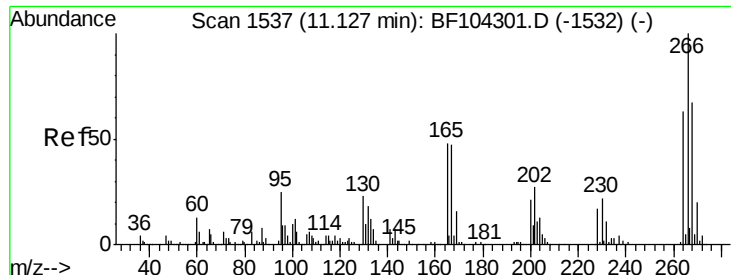
Tot Ion:284 Resp: 157879
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 29.6 24.8 37.2



#68
Atrazine
Concen: 36.761 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:200 Resp: 133489
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 45.6 25.1 65.1

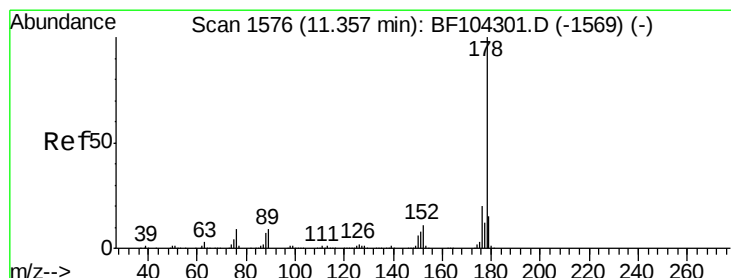
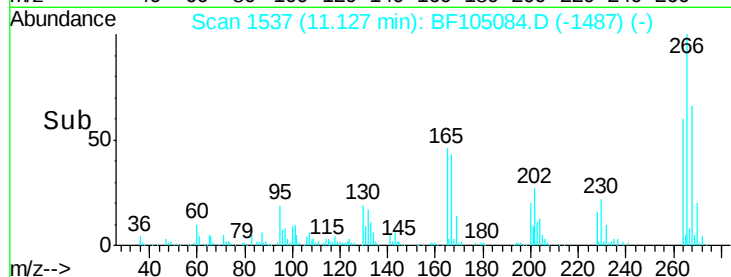
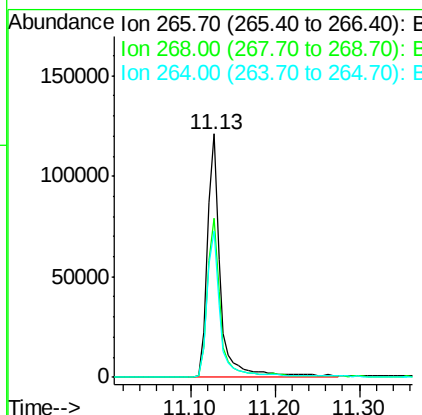
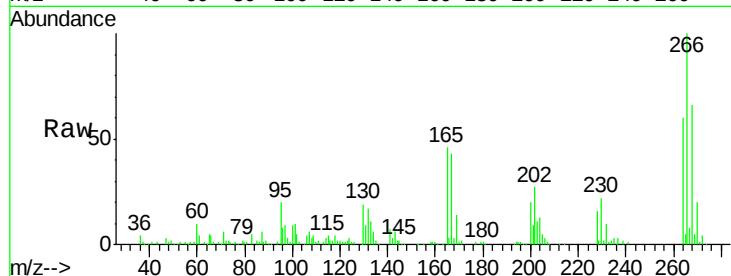




#69
 Pentachlorophenol
 Concen: 51.365 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

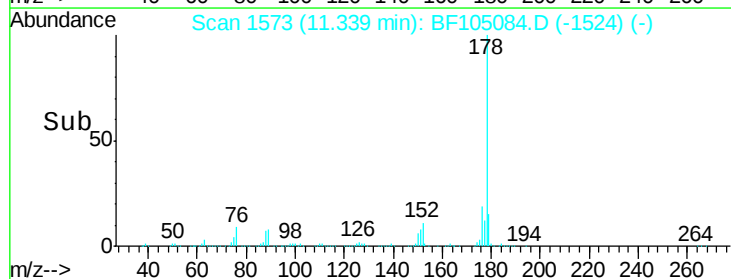
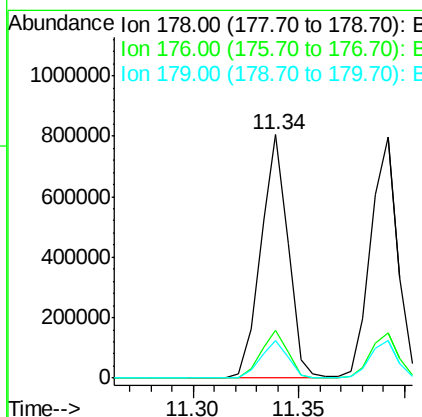
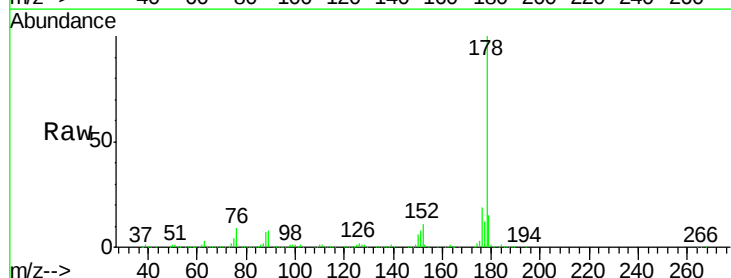
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

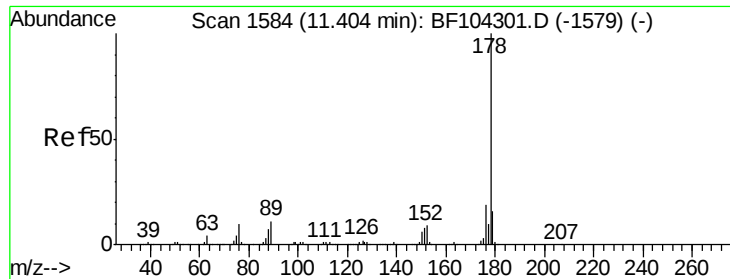
Tot Ion:266 Resp: 131959
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 60.0 49.5 74.3



#70
 Phenanthrene
 Concen: 37.257 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:178 Resp: 719874
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 13.0 19.6

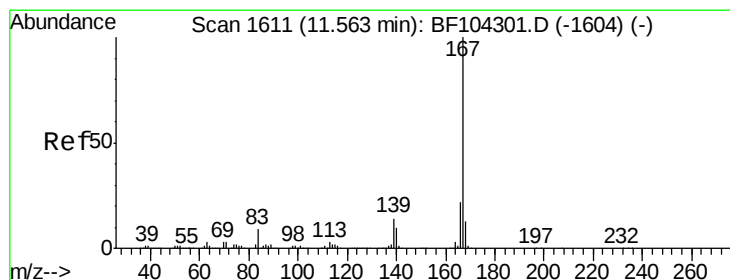
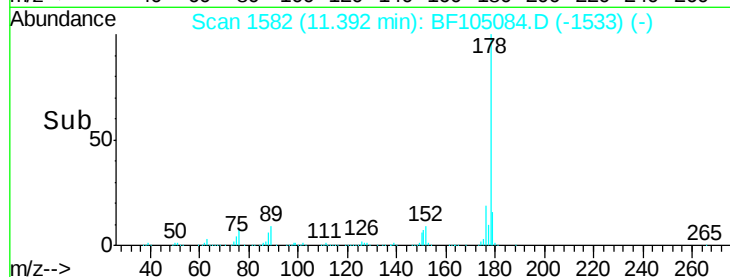
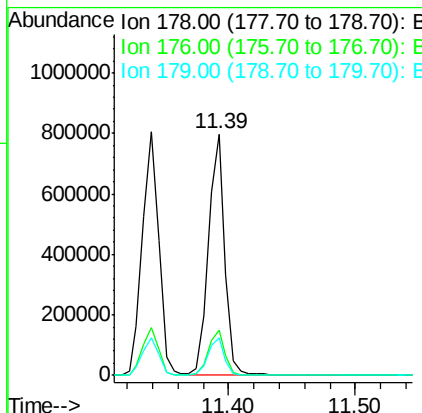
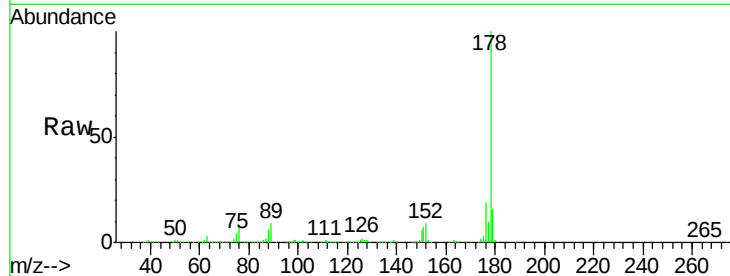




#71
 Anthracene
 Concen: 36.762 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

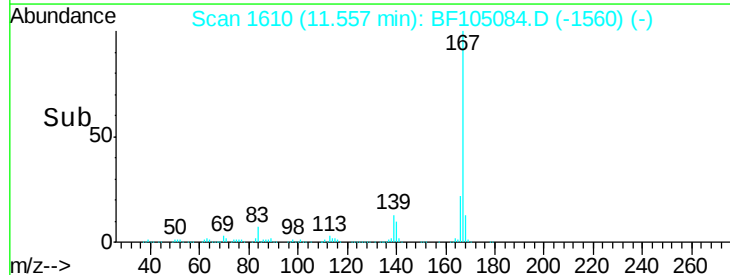
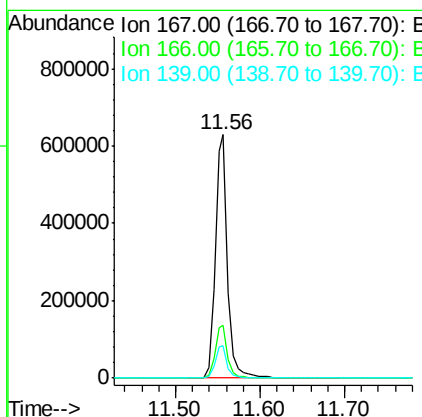
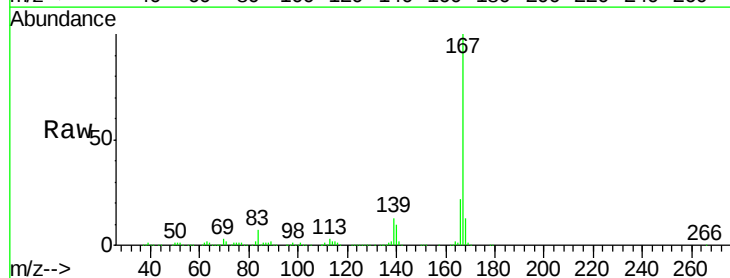
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

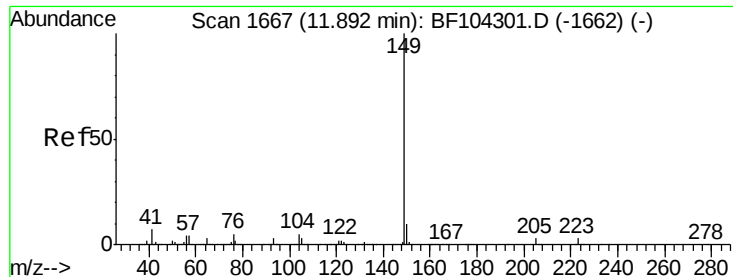
Tot Ion:178 Resp: 722057
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 33.833 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:167 Resp: 649354
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.746 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

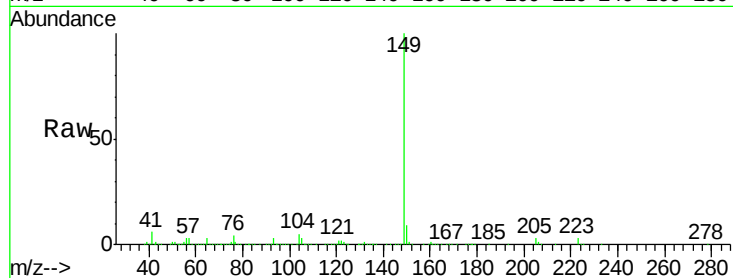
Tot Ion:149 Resp: 861506

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

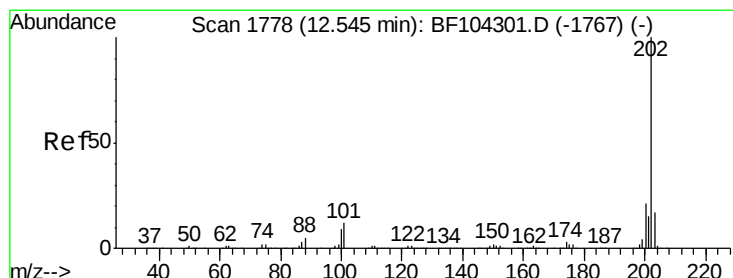
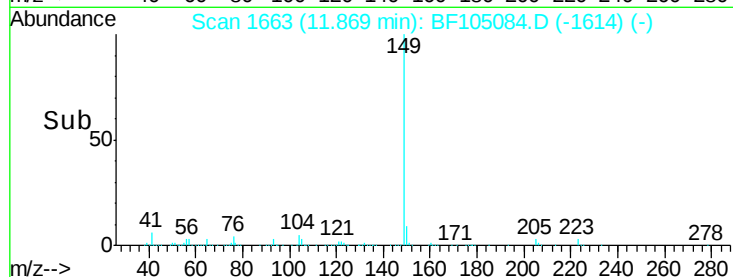
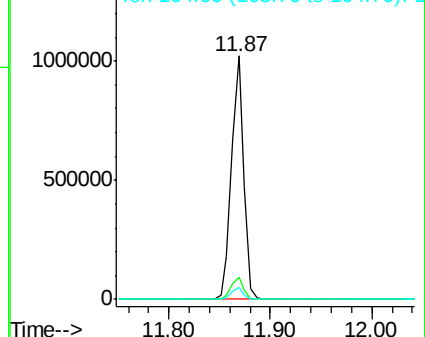
104 4.7 3.8 5.8



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: 34.085 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

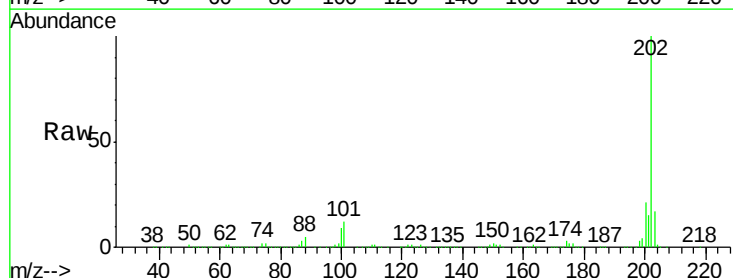
Tgt Ion:202 Resp: 688094

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

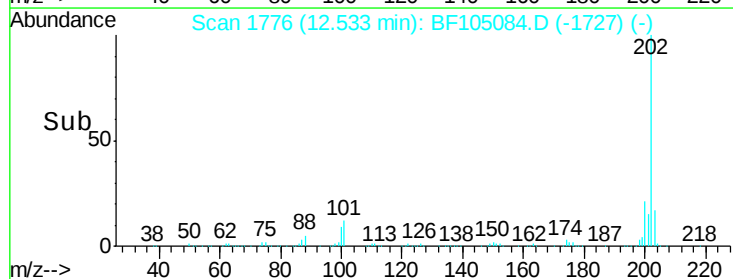
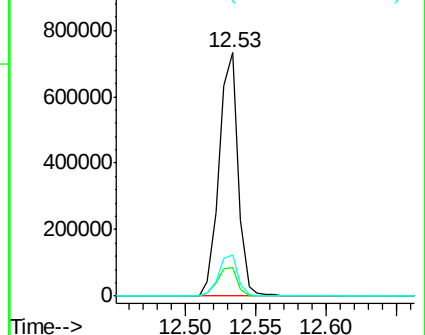
203 17.2 0.0 38.1

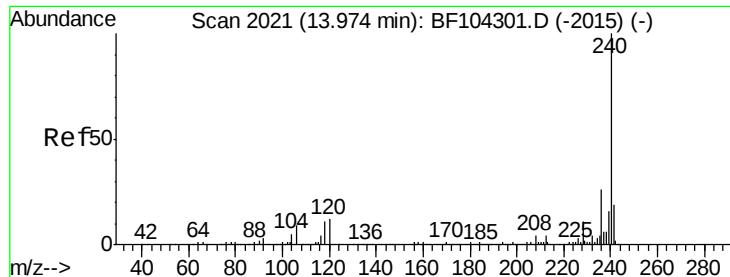


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.05 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

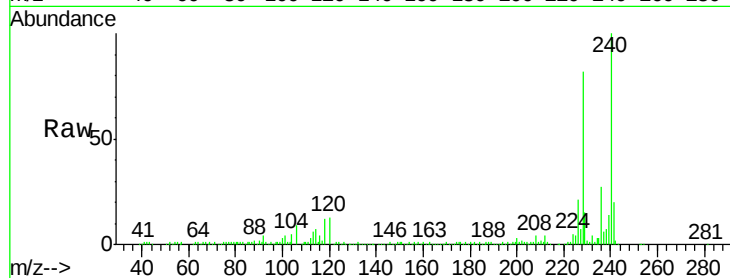
Tot Ion:240 Resp: 197317

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

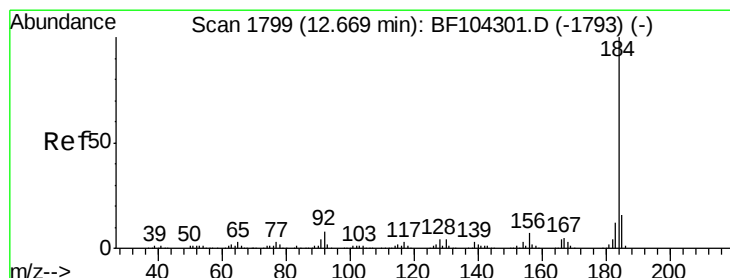
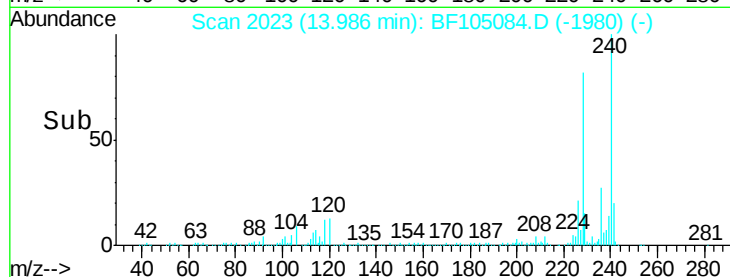
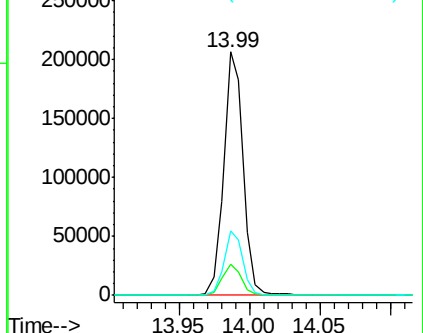
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.261 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

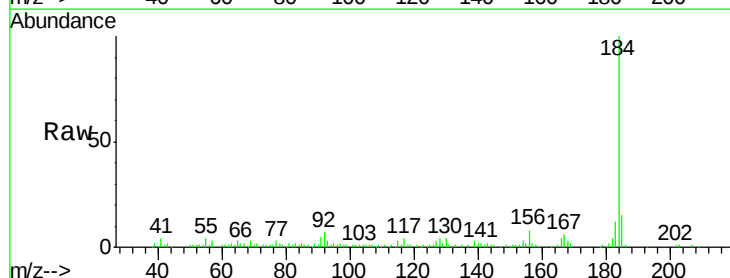
Tgt Ion:184 Resp: 104408

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

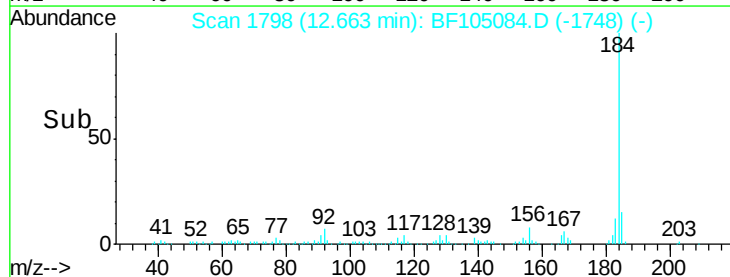
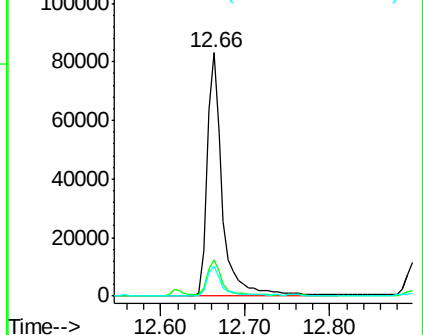
183 12.5 9.3 13.9

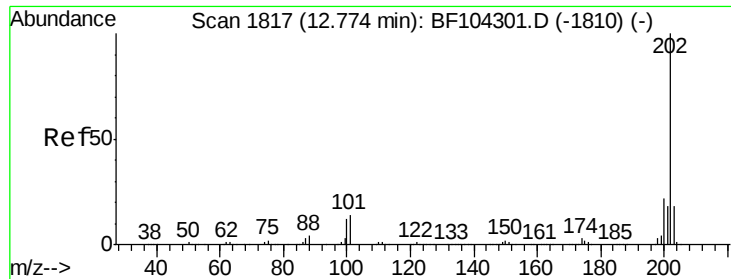


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

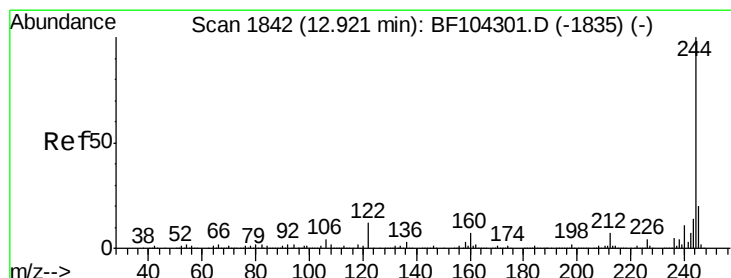
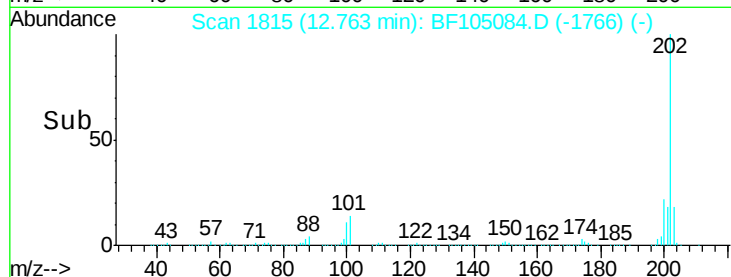
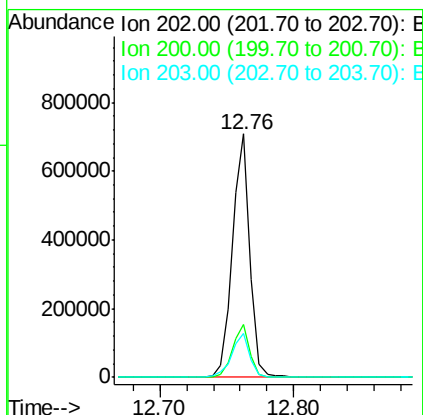
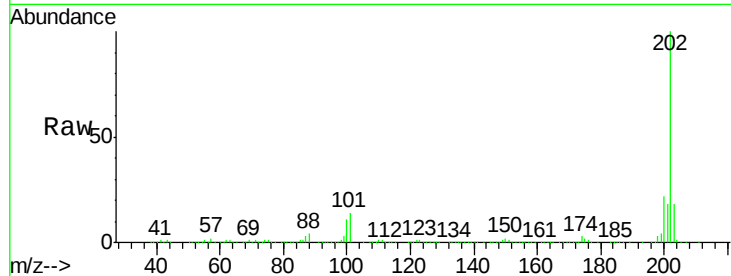




#77
Pvrene
Concen: 44.353 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

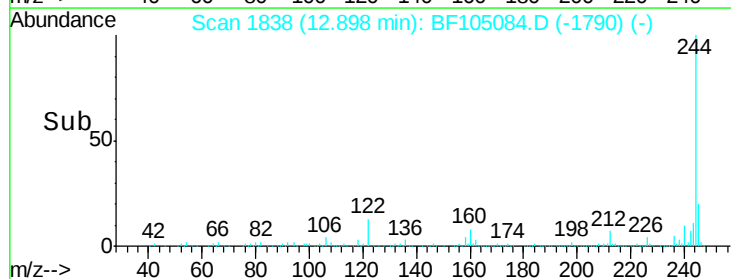
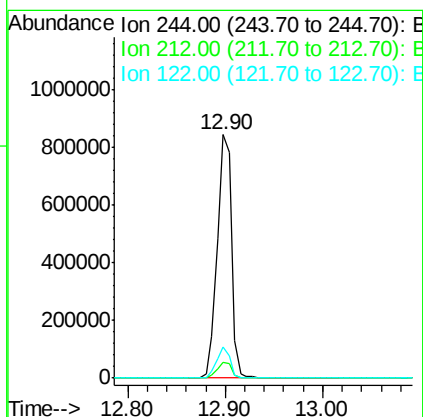
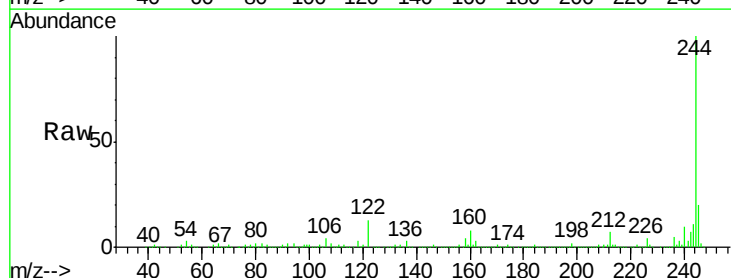
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

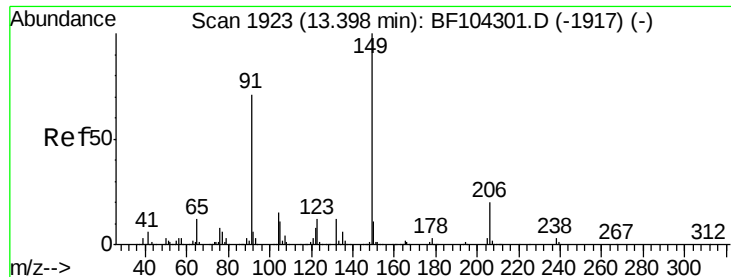
Tot Ion:202 Resp: 648693
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 99.678 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:244 Resp: 862702
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.7 11.0 16.4





#79

Butylbenzylphthalate

Concen: 43.755 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.03 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MSD

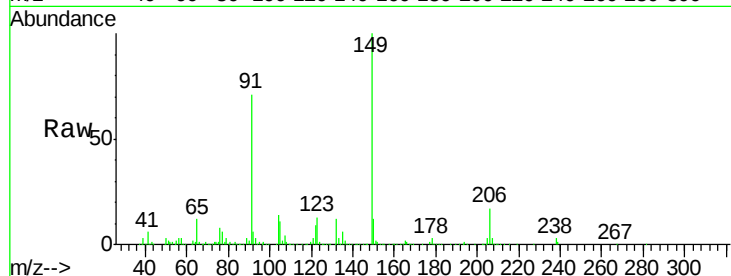
Tot Ion:149 Resp: 301491

Ion Ratio Lower Upper

149 100

91 70.7 56.8 85.2

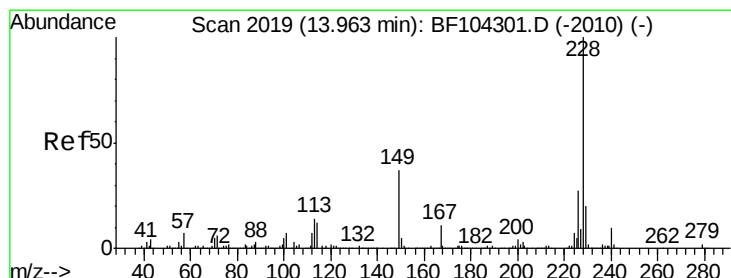
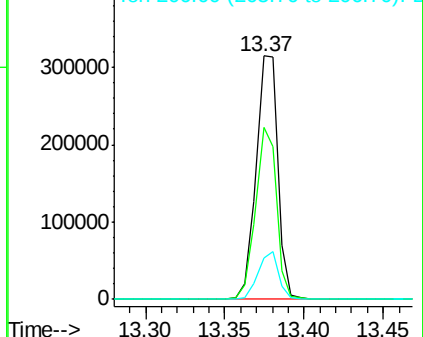
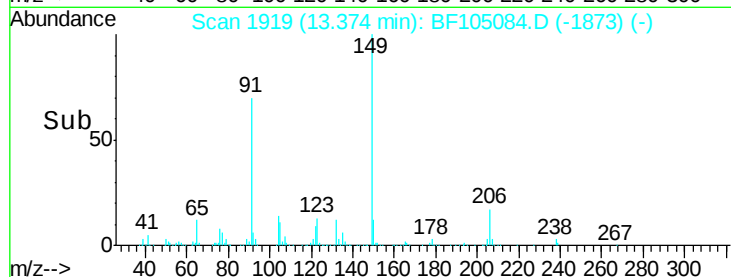
206 17.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.455 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.04 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

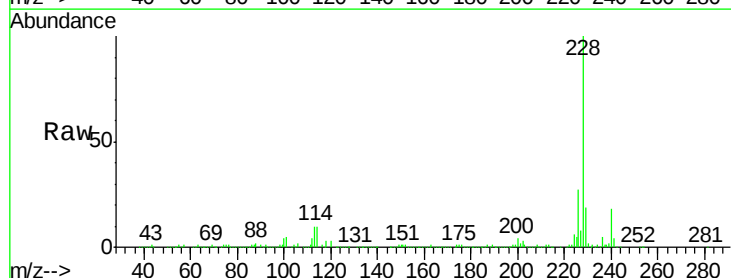
Tgt Ion:228 Resp: 488666

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

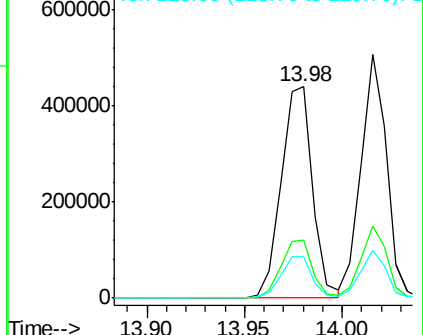
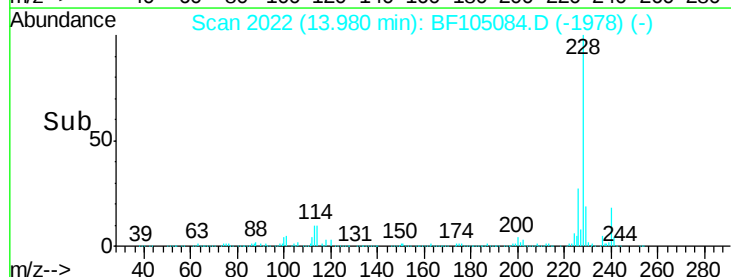
229 19.3 15.8 23.6

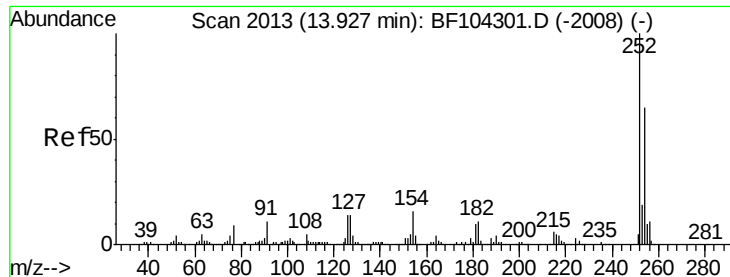


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

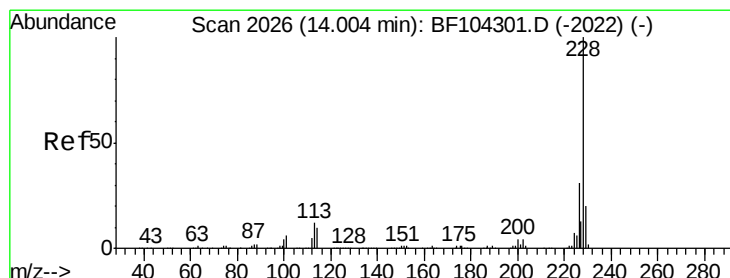
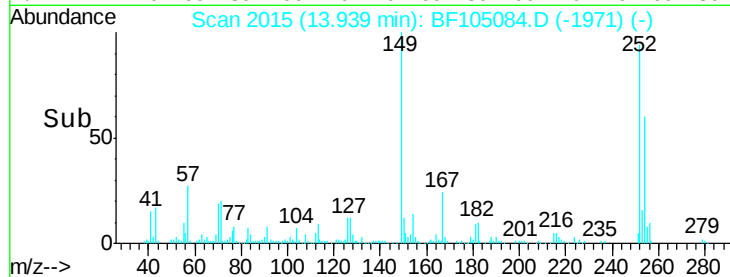
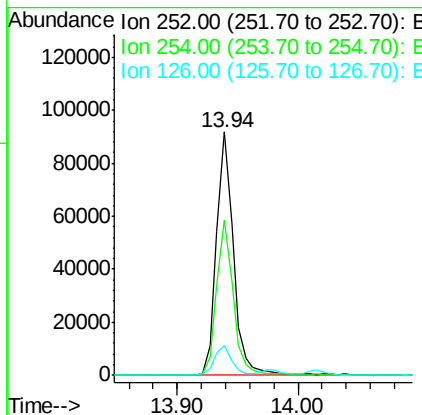
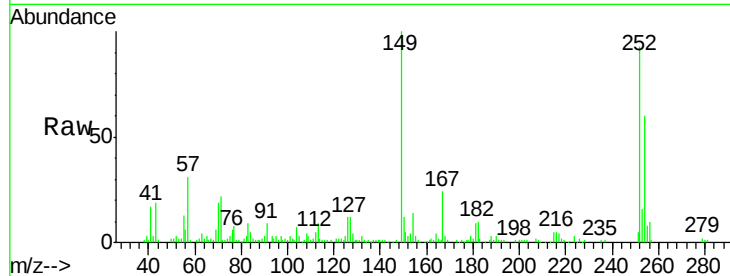




#81
 3,3'-Dichlorobenzidine
 Concen: 20.232 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

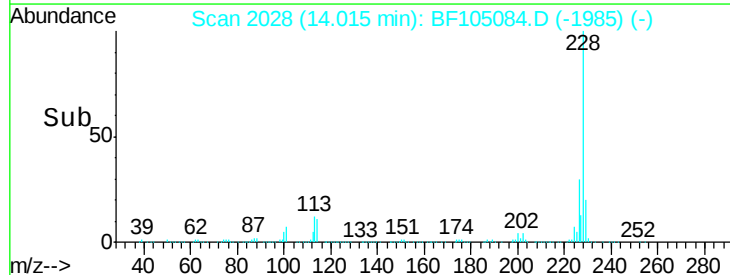
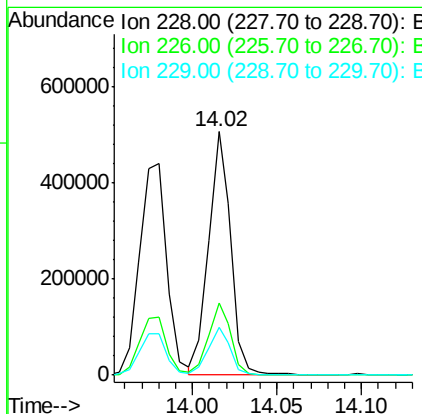
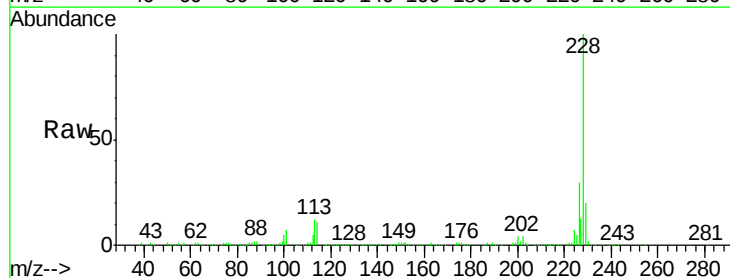
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

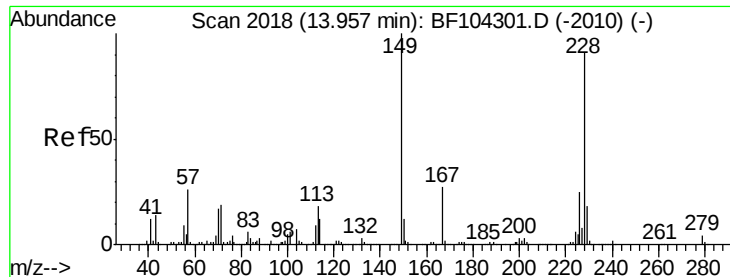
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	12.4	11.3	16.9



#82
 Chrysene
 Concen: 38.272 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.05 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.6	16.2	24.4

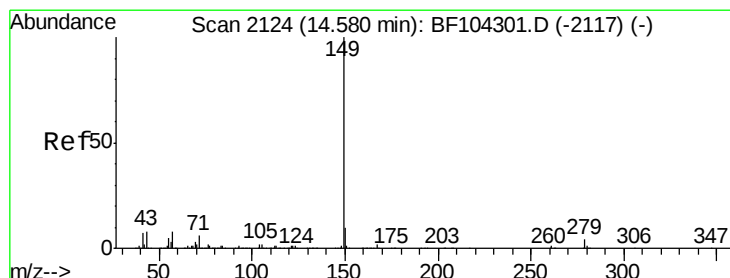
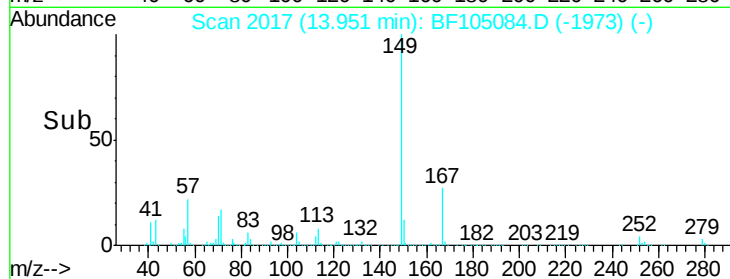
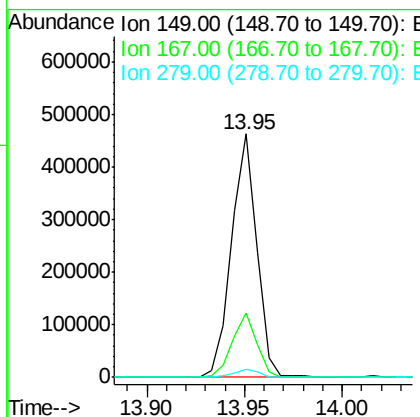
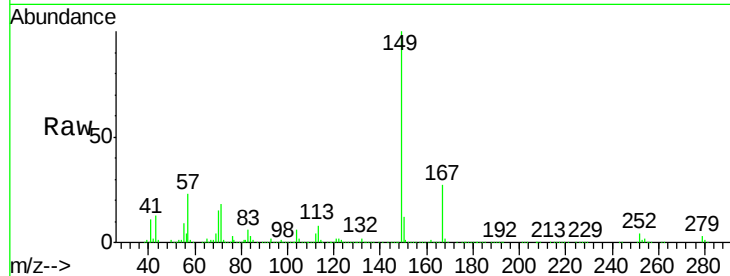




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.569 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.04 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

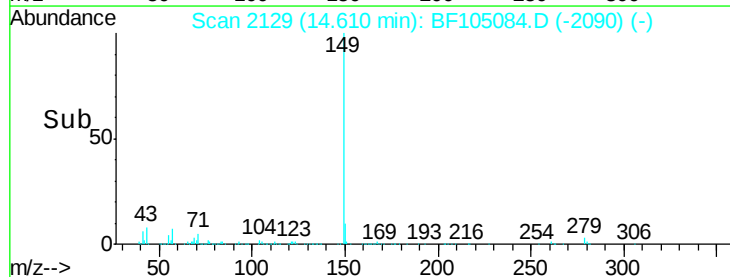
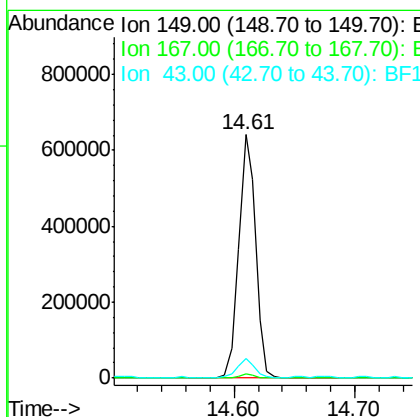
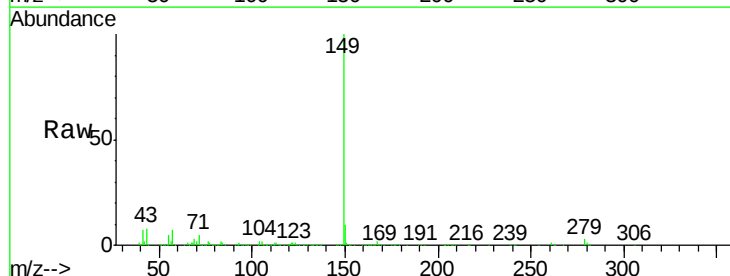
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

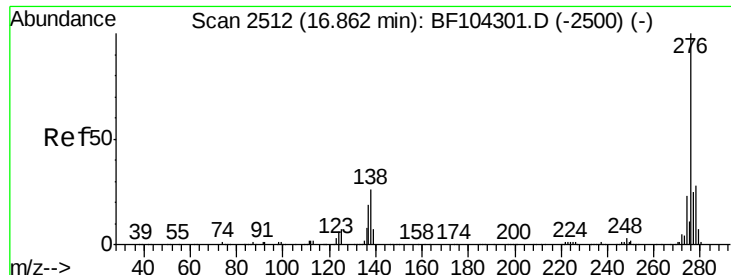
Tot Ion:149 Resp: 412733
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 42.241 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.07 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:149 Resp: 625553
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.5 8.4 12.6#

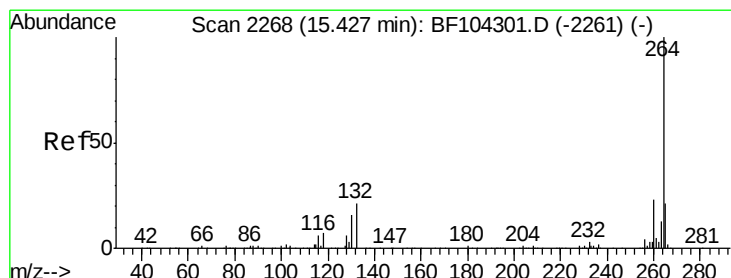
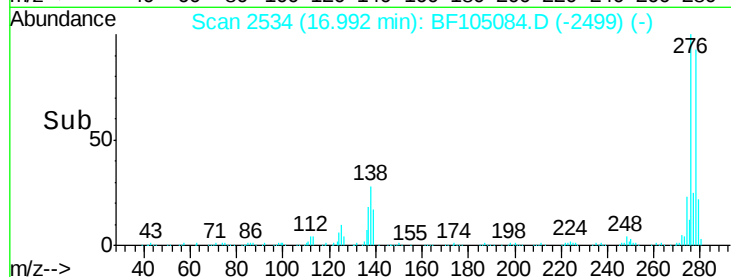
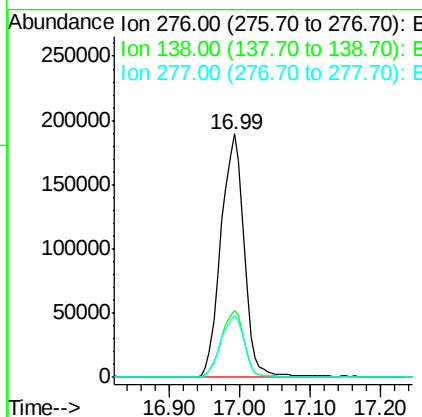
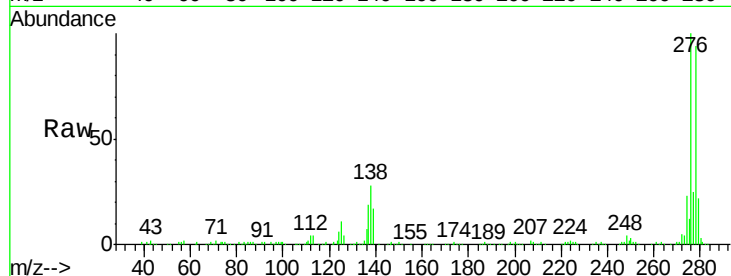




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.430 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.09 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

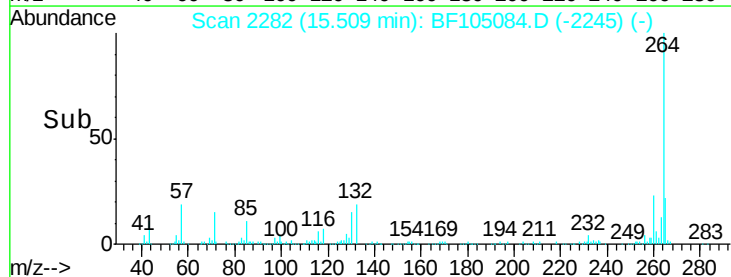
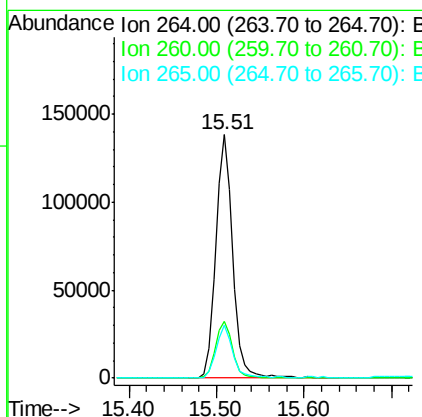
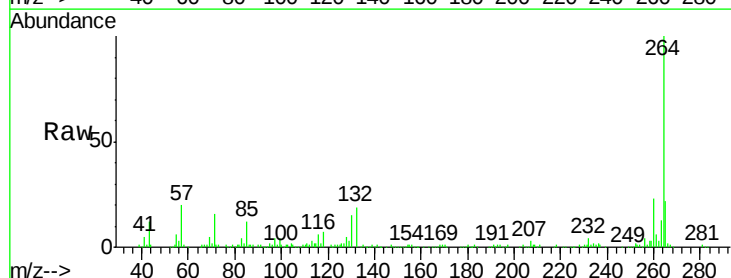
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

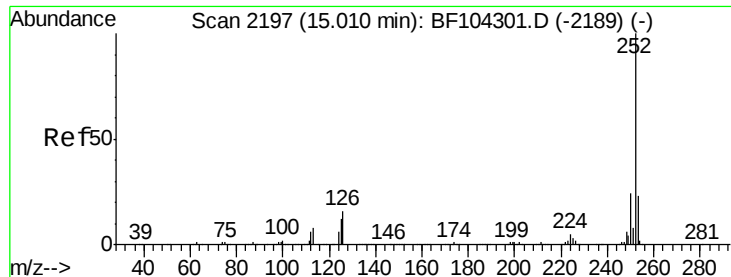
Tot Ion:276 Resp: 436420
 Ion Ratio Lower Upper
 276 100
 138 27.3 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.08 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:264 Resp: 186022
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.5 26.3

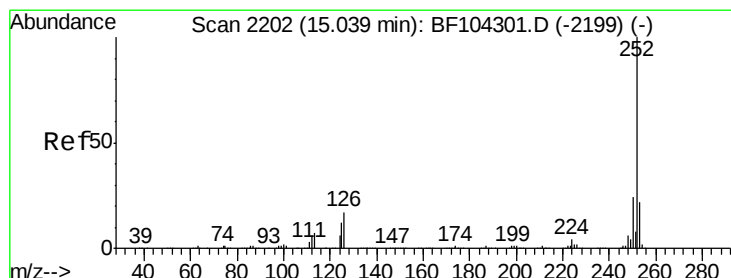
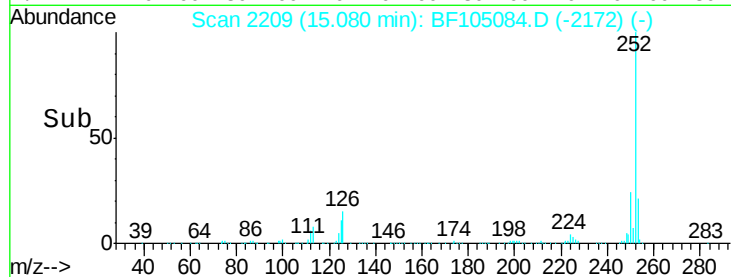
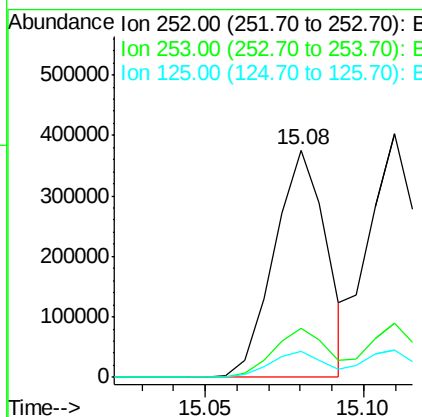
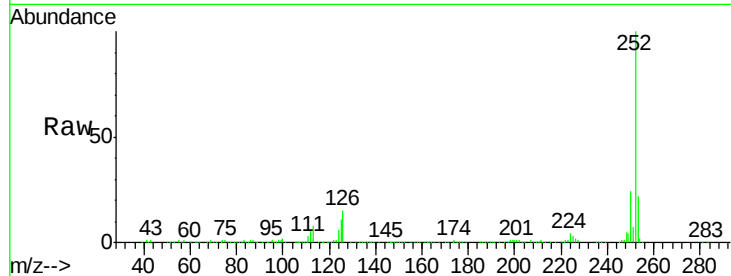




#87
Benzo(b)fluoranthene
Concen: 36.742 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

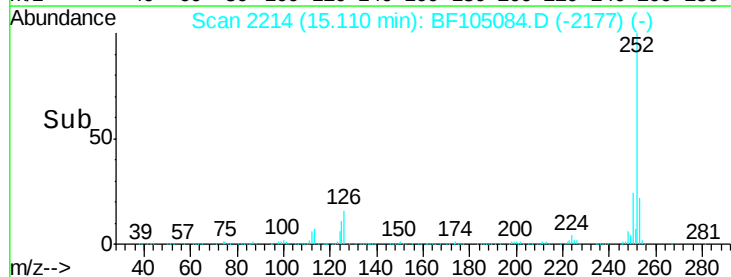
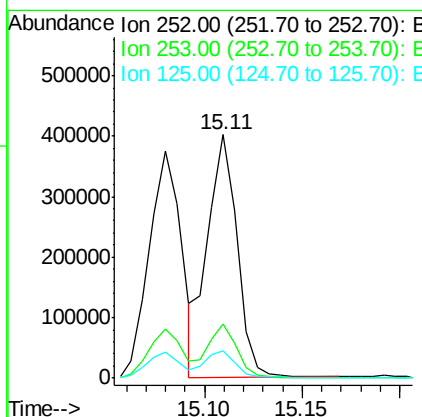
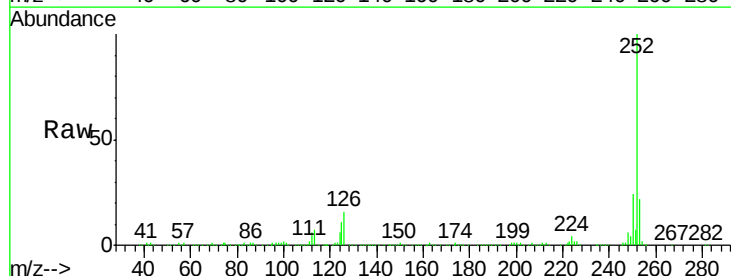
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

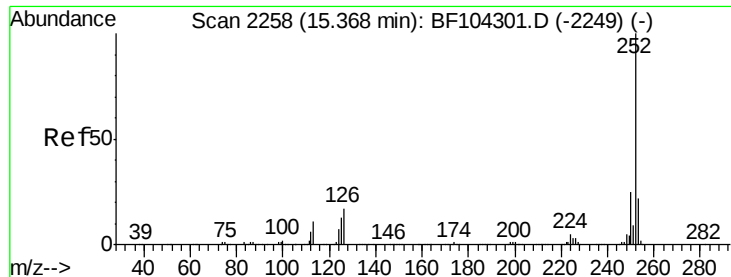
Tot Ion:252 Resp: 431675
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.387 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:252 Resp: 425786
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.4 10.2 15.2

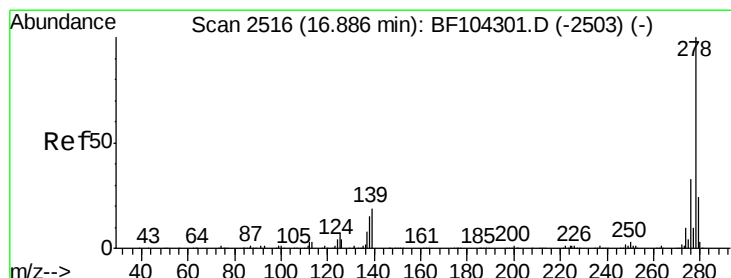
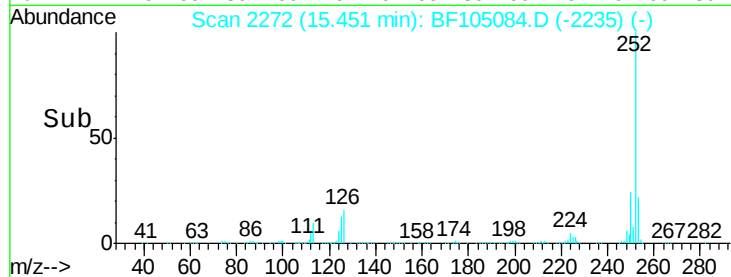
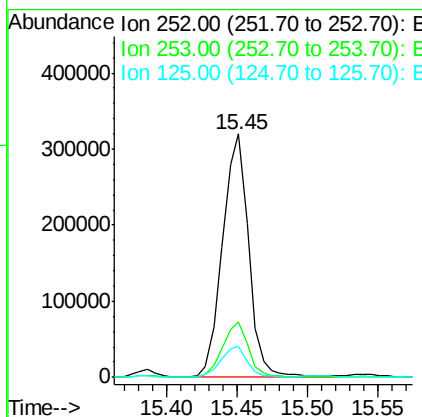
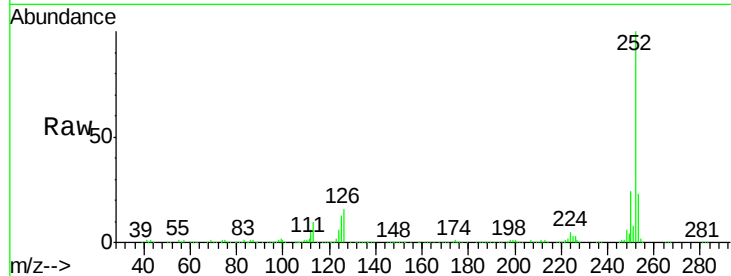




#89
Benzo(a)pyrene
Concen: 39.205 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

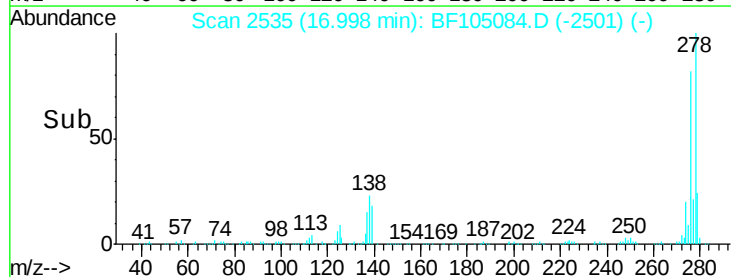
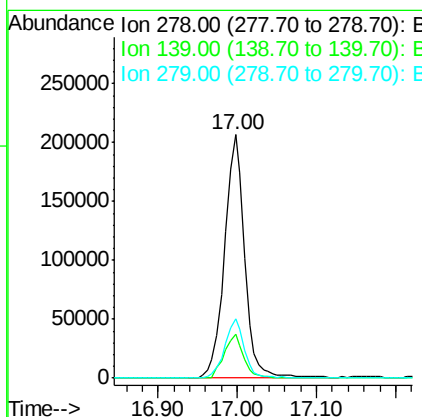
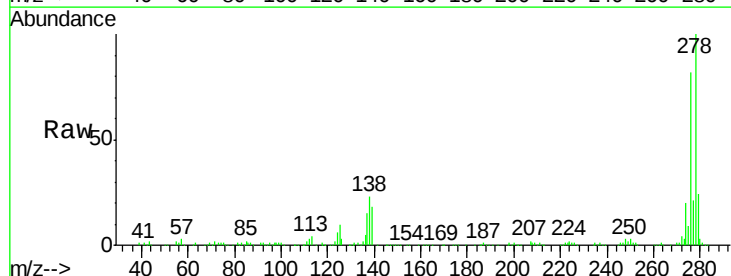
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MSD

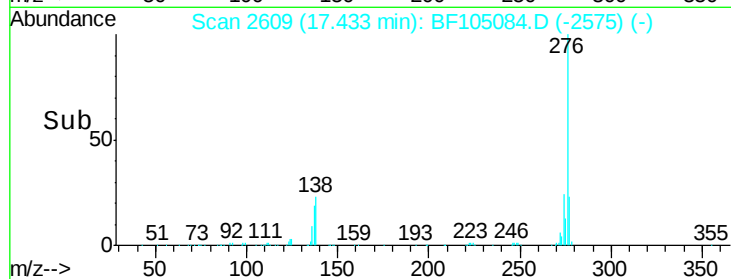
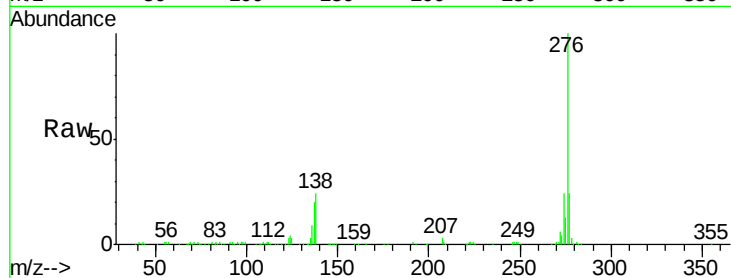
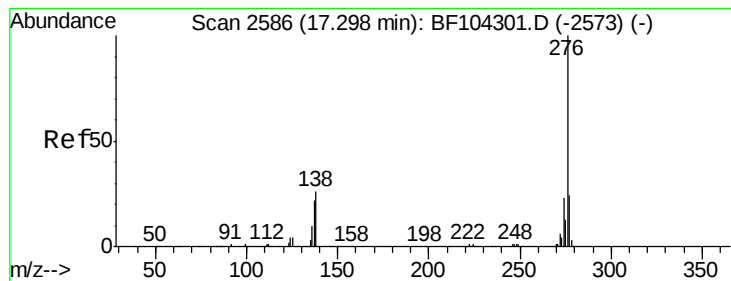
Tot Ion:252 Resp: 412137
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 12.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.292 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.10 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:278 Resp: 365142
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 24.1 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.474 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.10 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.5	21.8	32.8

