

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105083.D
 Acq On : 3 May 2018 20:04
 Operator : JU/SJ
 Sample : J2667-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

Quant Time: May 04 01:57:53 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	101862	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	438331	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	201589	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	337127	20.00	ng	0.00
75) Chrysene-d12	13.99	240	199113	20.00	ng	-0.04
86) Perylene-d12	15.53	264	182835	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	665113	99.84	ng	0.00
7) Phenol-d6	6.44	99	777684	95.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	483548	72.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	207807	99.38	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	928577	72.77	ng	-0.02
78) Terphenyl-d14	12.90	244	776086	88.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	71424	23.010	ng	88
3) Pyridine	3.28	79	180716	20.707	ng	# 88
4) n-Nitrosodimethylamine	3.23	42	74036	24.268	ng	82
6) Aniline	6.45	93	212373	18.675	ng	# 1
8) 2-Chlorophenol	6.57	128	250071	35.566	ng	91
9) Benzaldehyde	6.33	77	150044	34.681	ng	97
10) Phenol	6.45	94	306021	35.237	ng	# 72
11) bis(2-Chloroethyl)ether	6.52	93	236898	34.182	ng	91
12) 1,3-Dichlorobenzene	6.72	146	254578	31.959	ng	99
13) 1,4-Dichlorobenzene	6.80	146	263298	33.159	ng	98
14) 1,2-Dichlorobenzene	6.95	146	241251	32.786	ng	98
15) Benzyl Alcohol	6.93	79	183773	29.561	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	251187	26.988	ng	# 1
17) 2-Methylphenol	7.06	107	197549	32.322	ng	# 86
18) Hexachloroethane	7.28	117	93243	32.935	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	160681	30.041	ng	91
20) 3+4-Methylphenols	7.21	107	263408	34.749	ng	97
22) Acetophenone	7.19	105	337325	31.258	ng	94
24) Nitrobenzene	7.37	77	244395	32.976	ng	99
25) Isophorone	7.60	82	445695	31.398	ng	98
26) 2-Nitrophenol	7.69	139	137161	45.460	ng	92
27) 2,4-Dimethylphenol	7.73	122	214003	34.160	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	287723	33.151	ng	99
29) 2,4-Dichlorophenol	7.94	162	212784	35.598	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	218713	33.340	ng	97
31) Naphthalene	8.09	128	712637	32.650	ng	100
32) Benzoic acid	7.85	122	42402	8.483	ng	99
33) 4-Chloroaniline	8.15	127	91930	9.831	ng	95
34) Hexachlorobutadiene	8.19	225	120312	33.483	ng	99
35) Caprolactam	8.52	113	62616	30.028	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	220311	34.373	ng	99
37) 2-Methylnaphthalene	8.78	142	472286	33.452	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	207869	36.022	ng	98
40) Hexachlorocyclopentadiene	8.92	237	105877	32.773	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	138508	34.576	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	140602	31.365	ng	93
45) 1,1'-Biphenyl	9.25	154	567085	33.486	ng	98
46) 2-Chloronaphthalene	9.27	162	447117	33.426	ng	99
47) 2-Nitroaniline	9.38	65	122475	37.024	ng	95
48) Acenaphthylene	9.69	152	631276	30.079	ng	99
49) Dimethylphthalate	9.55	163	607340	38.205	ng	99
50) 2,6-Dinitrotoluene	9.62	165	112557	38.265	ng	99
51) Acenaphthene	9.86	154	379724	29.654	ng	99
52) 3-Nitroaniline	9.79	138	60730	17.635	ng	98
53) 2,4-Dinitrophenol	9.91	184	78989	69.398	ng	# 19
54) Dibenzofuran	10.03	168	557286	31.229	ng	95
55) 4-Nitrophenol	9.99	139	112288	41.510	ng	91
56) 2,4-Dinitrotoluene	10.03	165	137563	35.652	ng	# 90
57) Fluorene	10.37	166	451536	34.763	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	112561	33.657	ng	92
59) Diethylphthalate	10.25	149	499393	31.543	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	212955	36.814	ng	94
61) 4-Nitroaniline	10.42	138	100433	29.828	ng	94
62) Azobenzene	10.52	77	434206	28.706	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	66595	41.699	ng	# 78
65) n-Nitrosodiphenylamine	10.49	169	394884	33.782	ng	98
66) 4-Bromophenyl-phenylether	10.85	248	129427	36.093	ng	92
67) Hexachlorobenzene	10.92	284	138353	34.289	ng	# 87
68) Atrazine	11.02	200	112911	32.002	ng	98
69) Pentachlorophenol	11.13	266	111960	44.852	ng	98
70) Phenanthrene	11.34	178	618687	32.954	ng	99
71) Anthracene	11.39	178	623717	32.682	ng	99
72) Carbazole	11.55	167	559476	30.001	ng	99
73) Di-n-butylphthalate	11.87	149	741673	32.557	ng	99
74) Fluoranthene	12.53	202	593598	30.262	ng	95
76) Benzidine	12.66	184	70263	6.081	ng	98
77) Pyrene	12.76	202	572777	38.809	ng	99
79) Butylbenzylphthalate	13.38	149	267403	38.458	ng	95
80) Benzo(a)anthracene	13.98	228	424237	35.664	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	80023	18.043	ng	99
82) Chrysene	14.02	228	406069	33.235	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	363857	40.684	ng	100
84) Di-n-octyl phthalate	14.63	149	547753	36.654	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.01	276	372324	35.872	ng	95
87) Benzo(b)fluoranthene	15.10	252	365395	31.643	ng	99
88) Benzo(k)fluoranthene	15.13	252	358032	32.841	ng	97
89) Benzo(a)pyrene	15.47	252	346293	33.516	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	315863	37.222	ng	96
91) Benzo(g,h,i)perylene	17.45	276	304940	37.091	ng	95

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

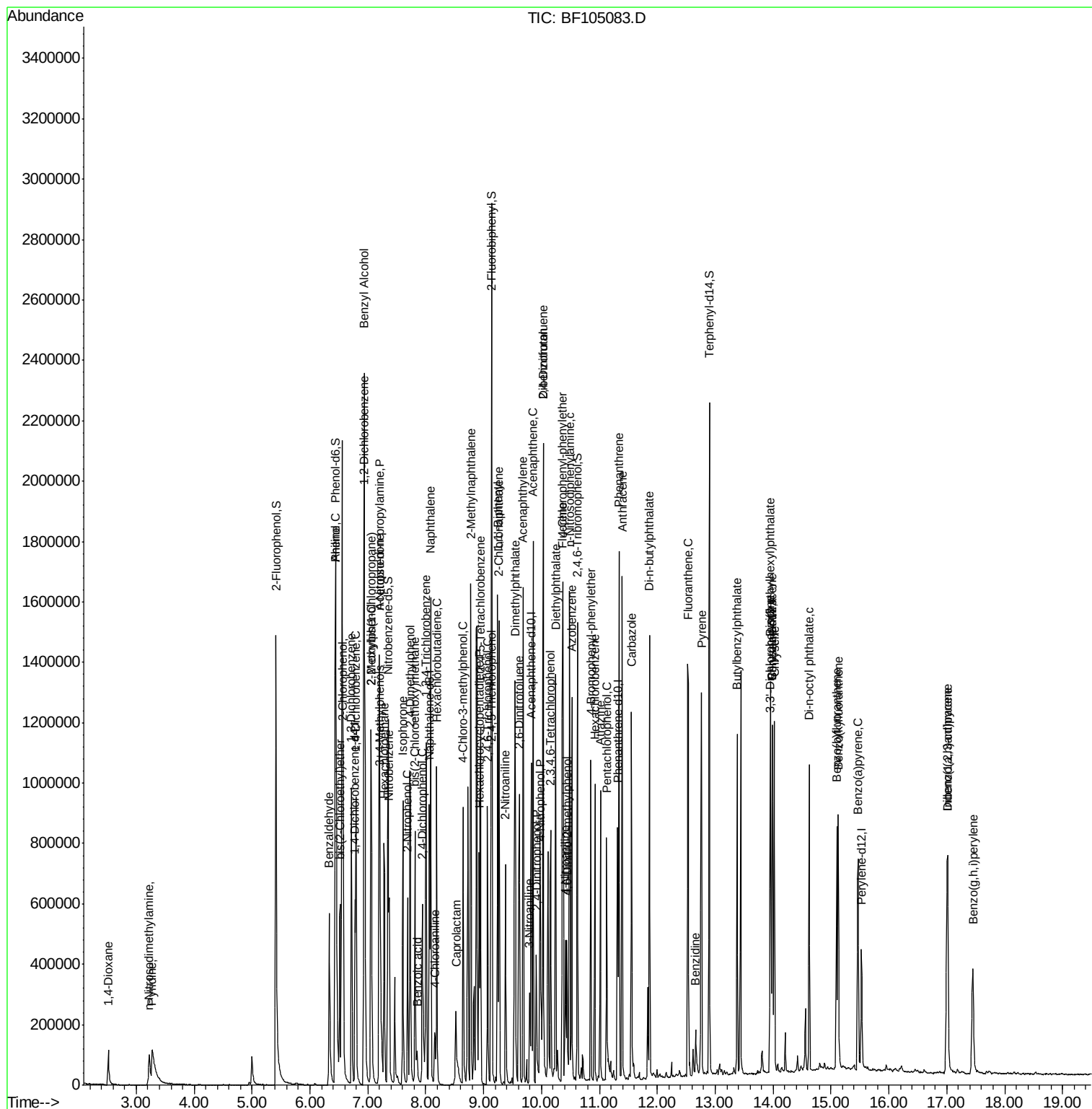
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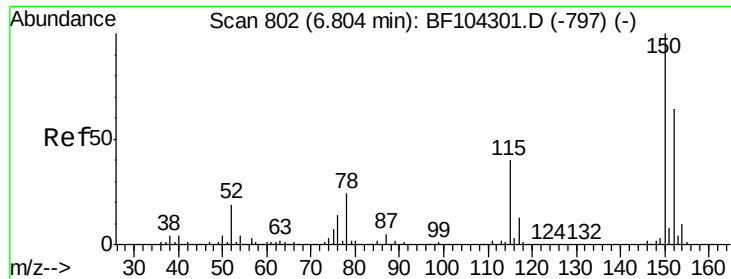
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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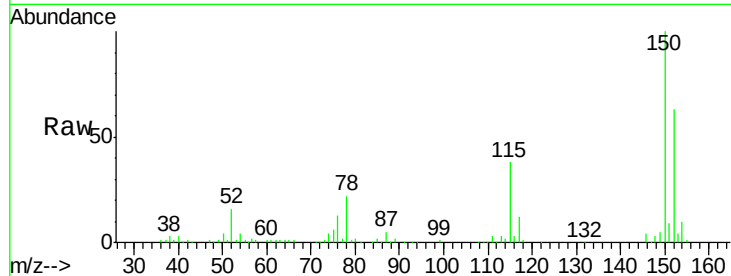


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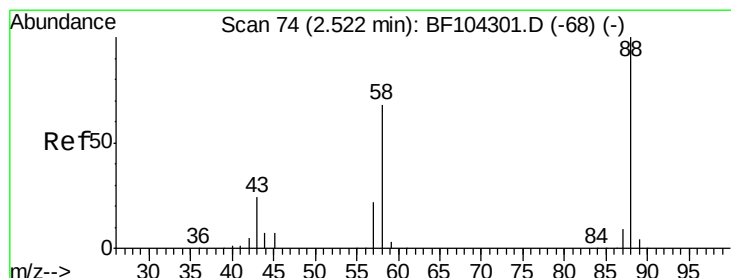
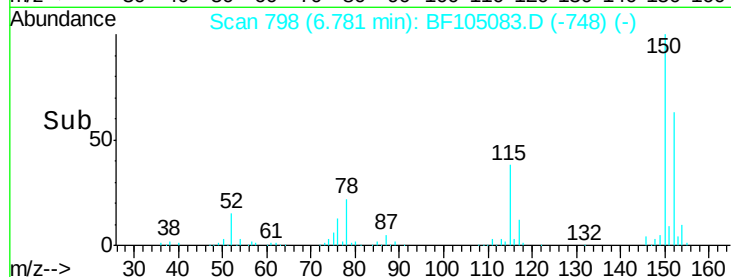
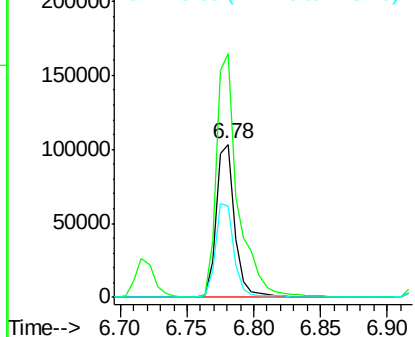
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

Tot Ion:152 Resp: 101862
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.1 50.1 75.1



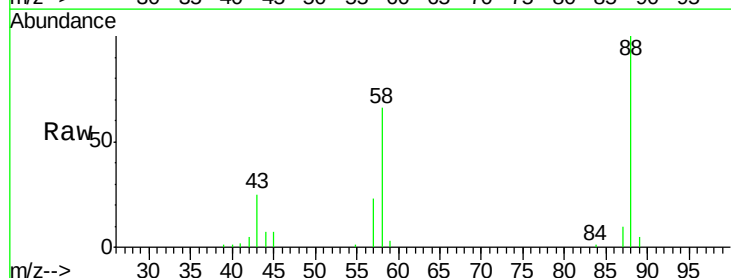
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



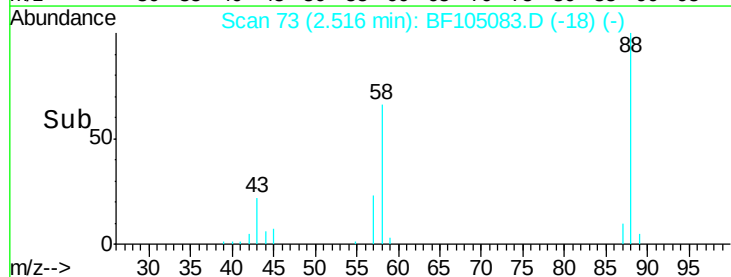
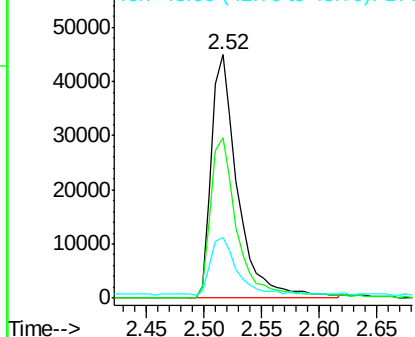
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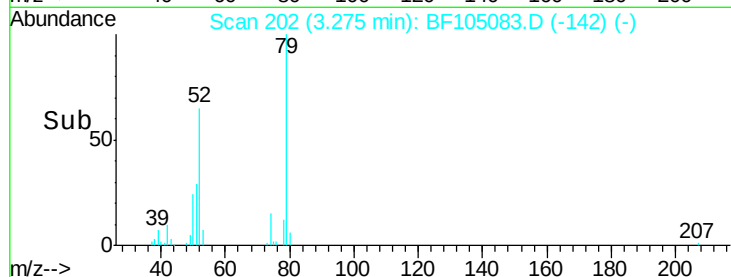
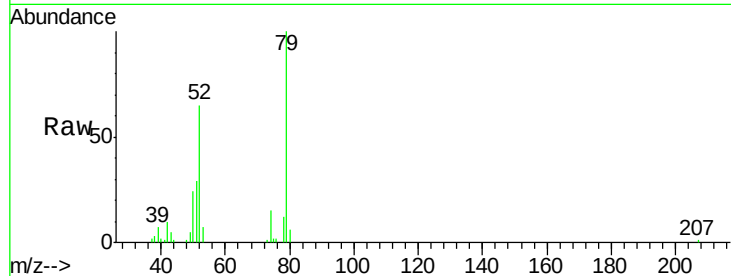
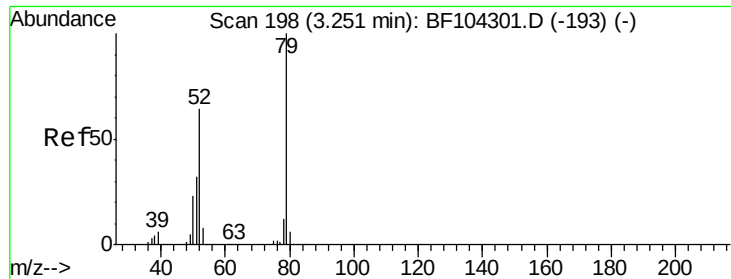
1,4-Dioxane
Concen: 23.010 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 88 Resp: 71424
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 24.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

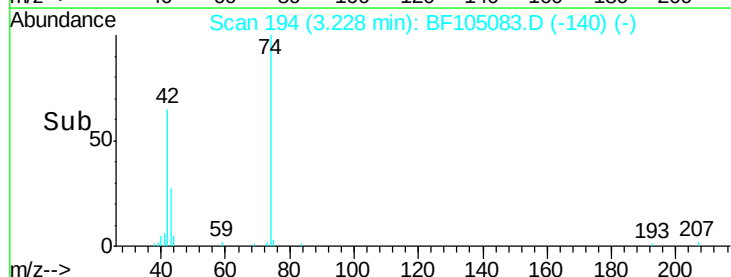
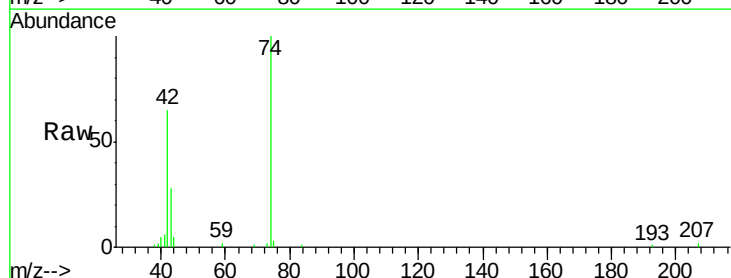
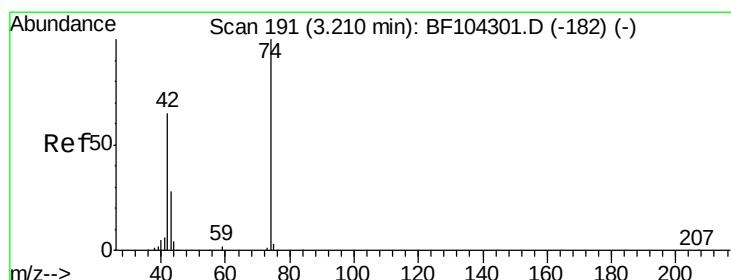
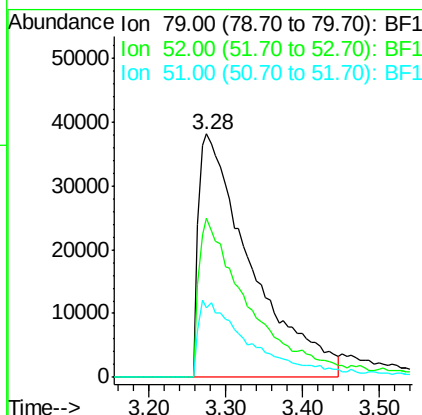




#3
 Pvridine
 Concen: 20.707 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.05 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

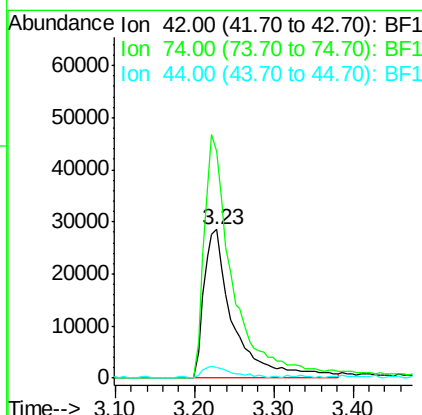
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

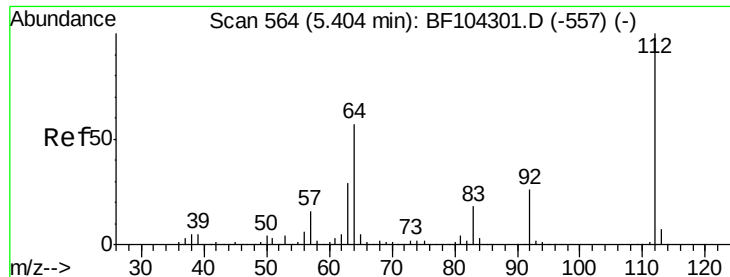
Tot Ion: 79 Resp: 180716
 Ion Ratio Lower Upper
 79 100
 52 65.3 59.8 89.6
 51 28.7 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 24.268 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion: 42 Resp: 74036
 Ion Ratio Lower Upper
 42 100
 74 153.0 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 99.840 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

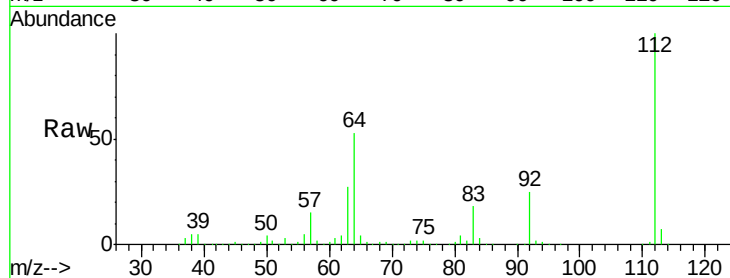
Tot Ion:112 Resp: 665113

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

63 27.2 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

5.41

600000

500000

400000

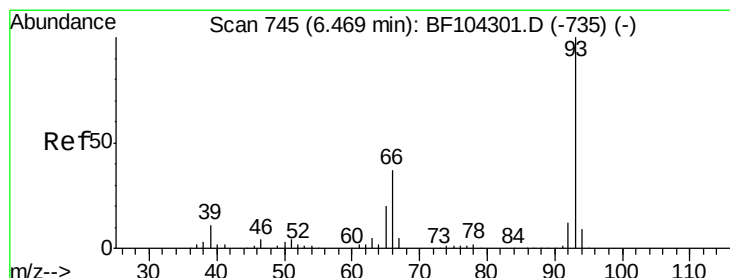
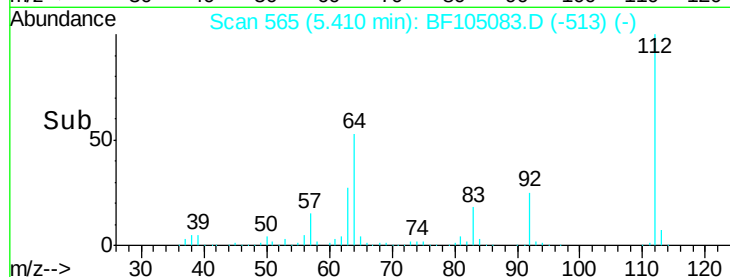
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 18.675 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

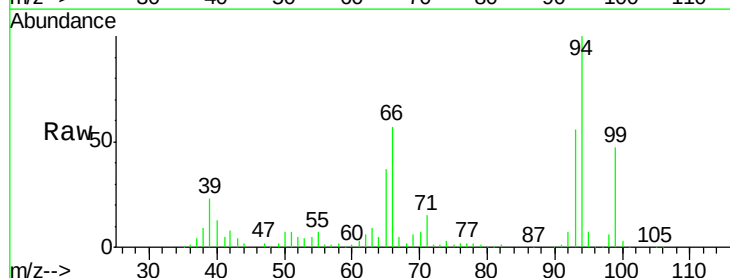
Tgt Ion: 93 Resp: 212373

Ion Ratio Lower Upper

93 100

66 102.8 32.2 48.2#

65 65.5 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

6.45

300000

250000

200000

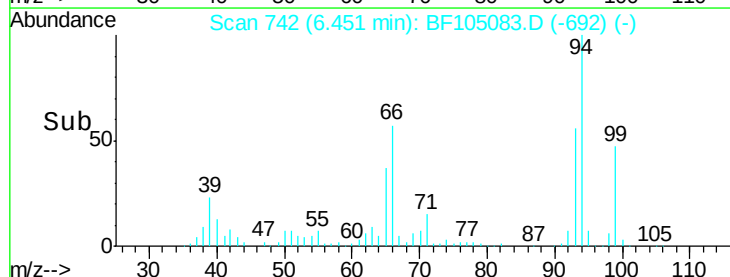
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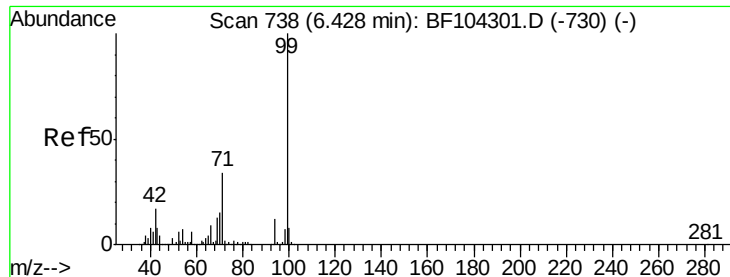
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 95.012 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105083.D

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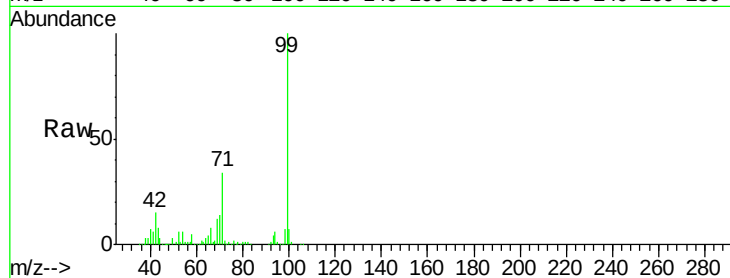
Tot Ion: 99 Resp: 777684

Ion Ratio Lower Upper

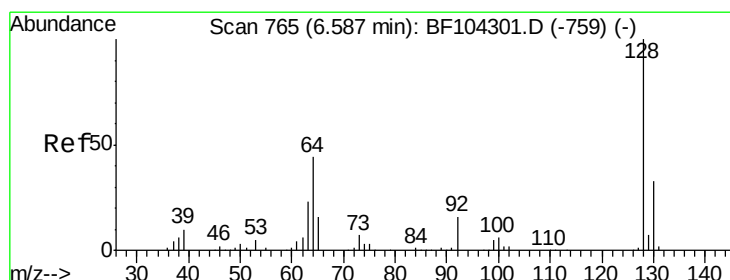
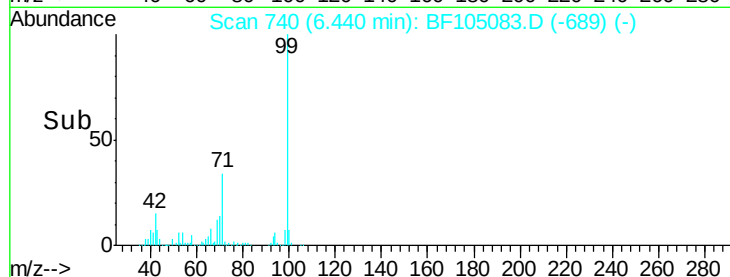
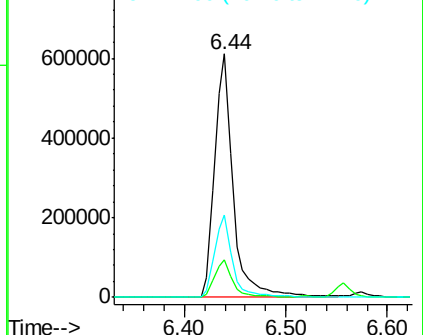
99 100

42 15.3 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.566 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

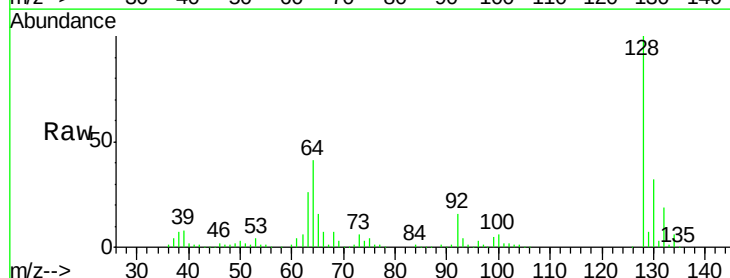
Tgt Ion: 128 Resp: 250071

Ion Ratio Lower Upper

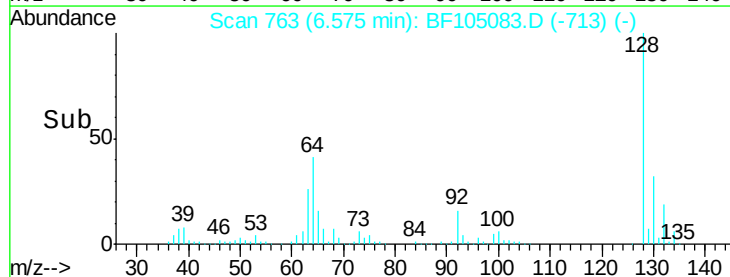
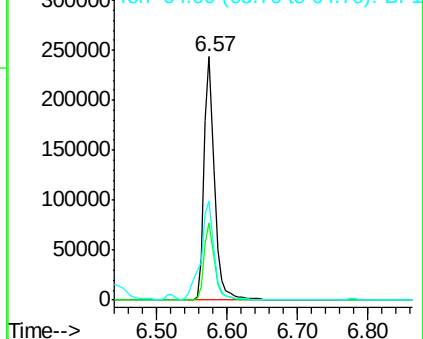
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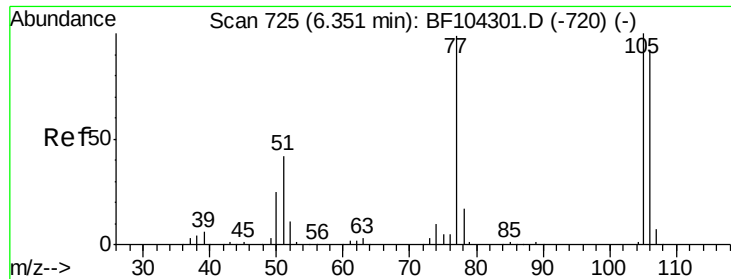
130 32.0 13.0 53.0

64 40.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

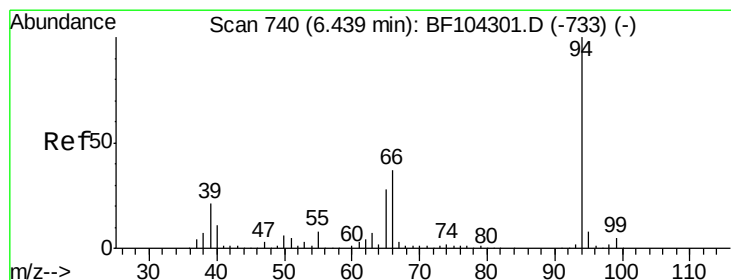
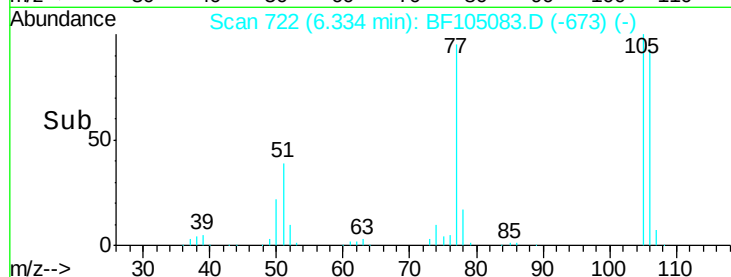
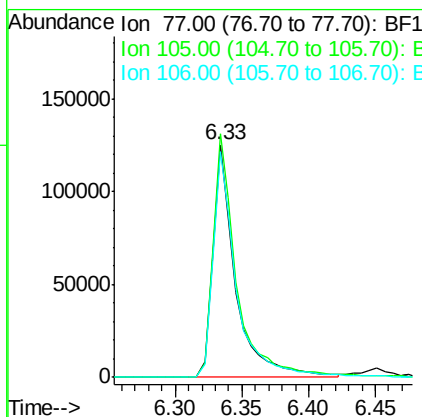
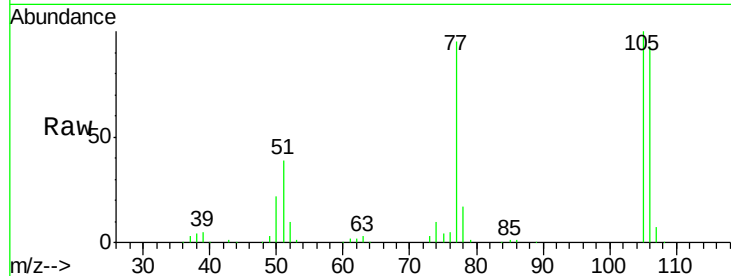




#9
Benzaldehyde
Concen: 34.681 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105083.D
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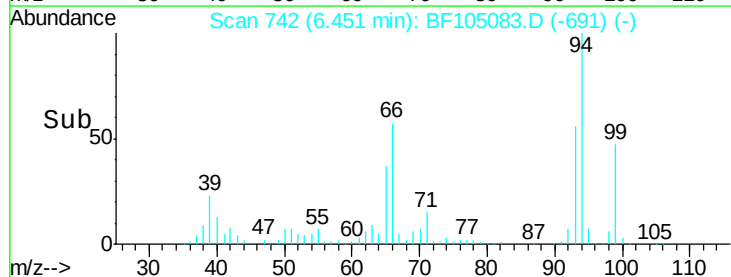
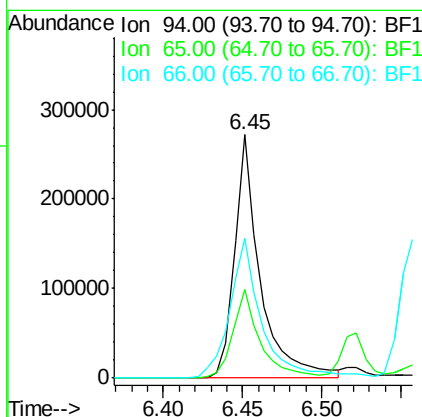
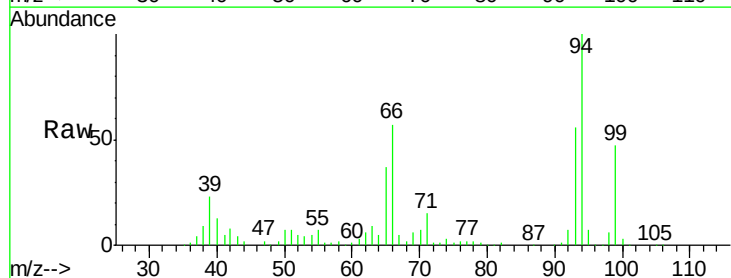
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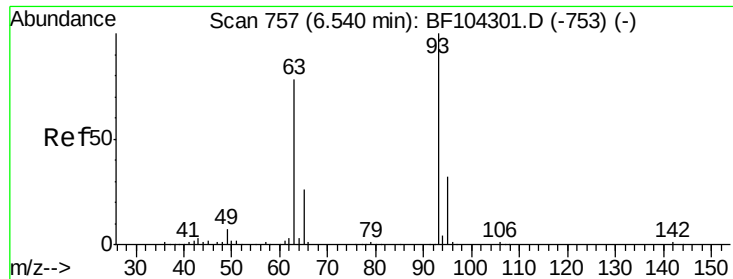
Tot Ion: 77 Resp: 150044
Ion Ratio Lower Upper
77 100
105 104.8 81.1 121.1
106 97.0 74.5 114.5



#10
Phenol
Concen: 35.237 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 94 Resp: 306021
Ion Ratio Lower Upper
94 100
65 36.6 7.9 47.9
66 57.4 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 34.182 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

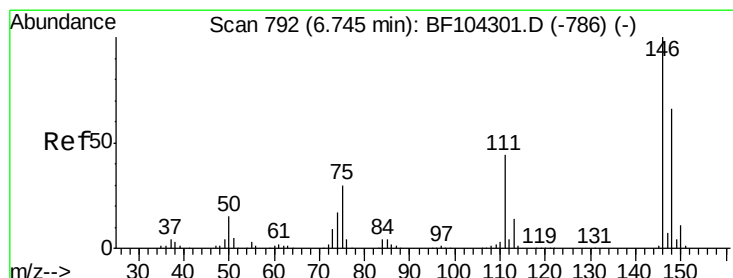
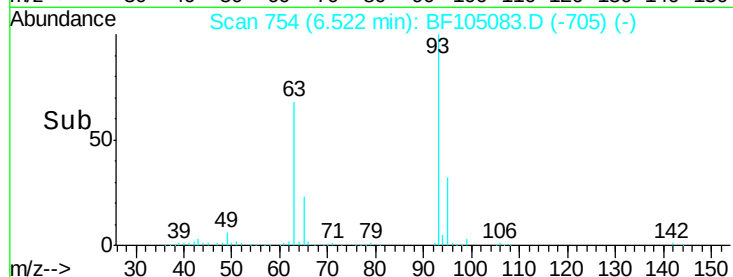
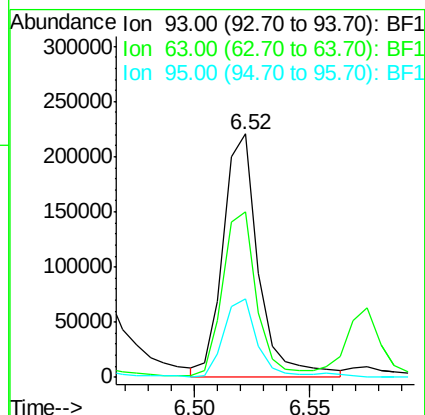
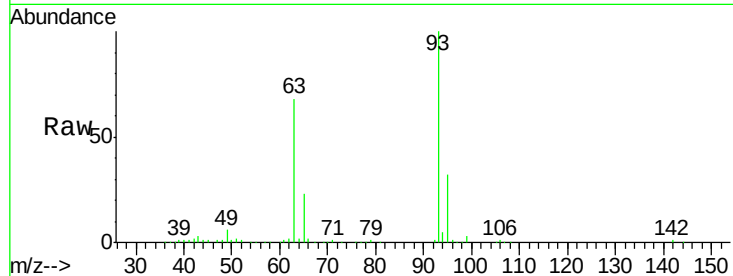
Tot Ion: 93 Resp: 236898

Ion Ratio Lower Upper

93 100

63 68.1 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 31.959 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

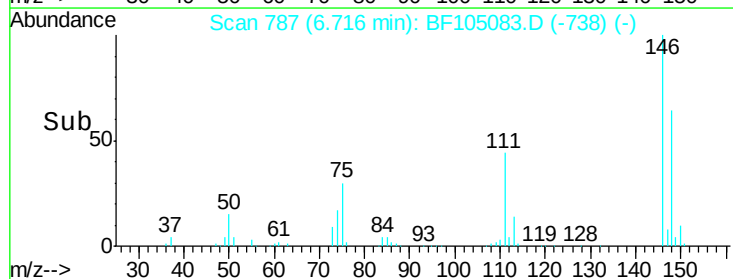
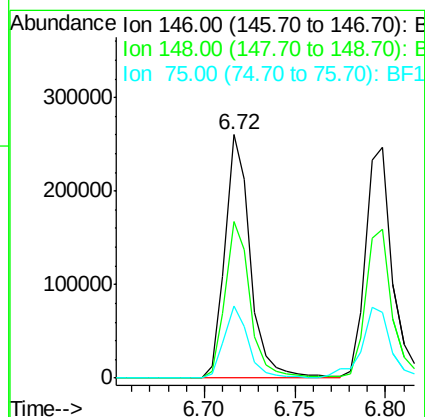
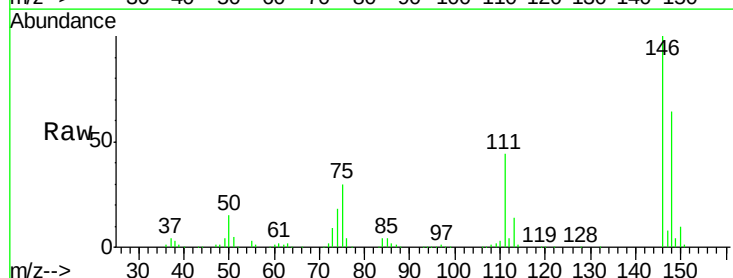
Tgt Ion: 146 Resp: 254578

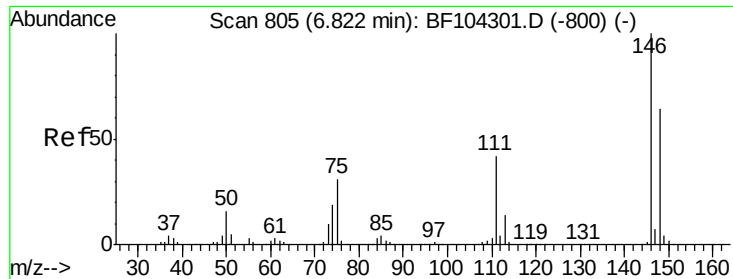
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 29.8 24.2 36.4

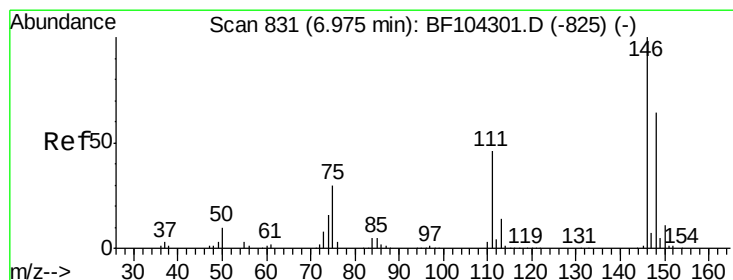
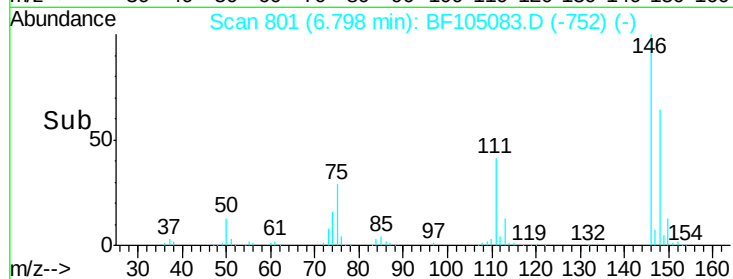
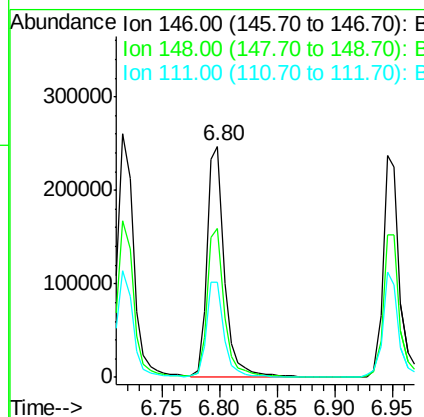
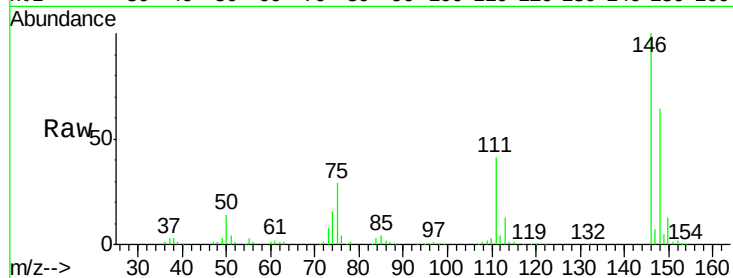




#13
 1,4-Dichlorobenzene
 Concen: 33.159 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

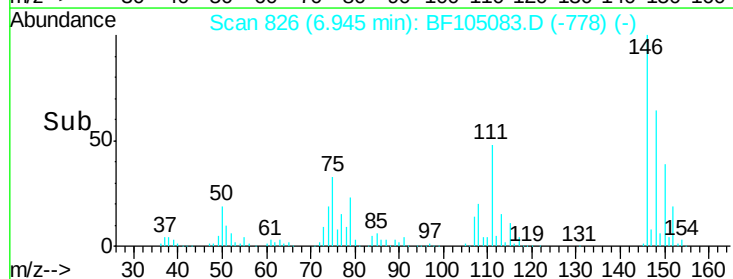
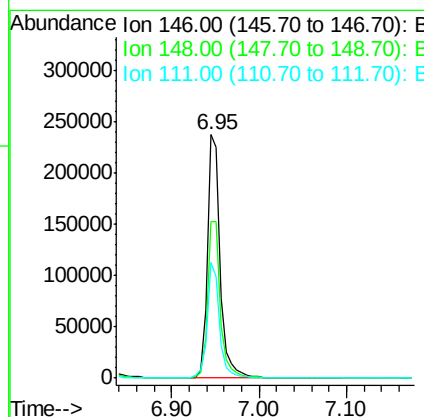
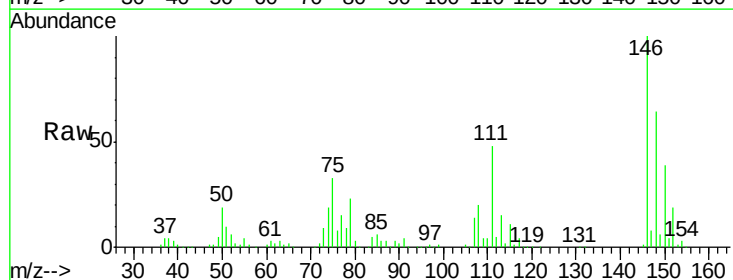
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

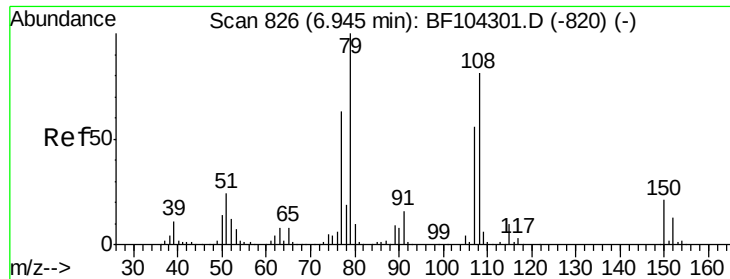
Tot Ion:146 Resp: 263298
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.786 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:146 Resp: 241251
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 47.6 36.0 54.0

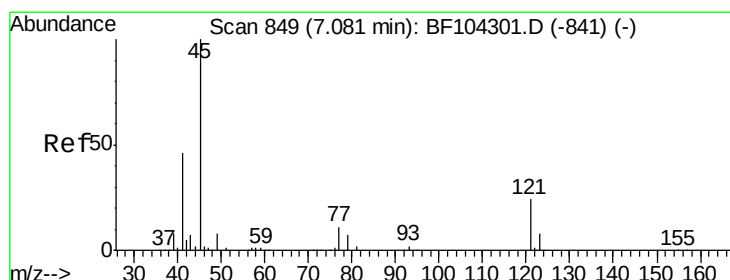
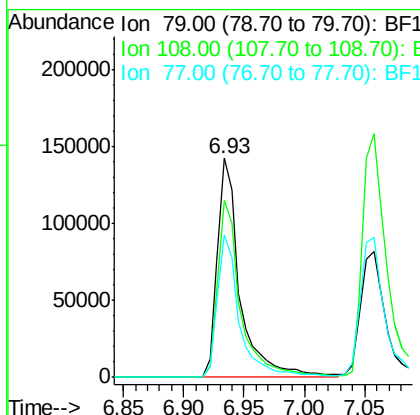
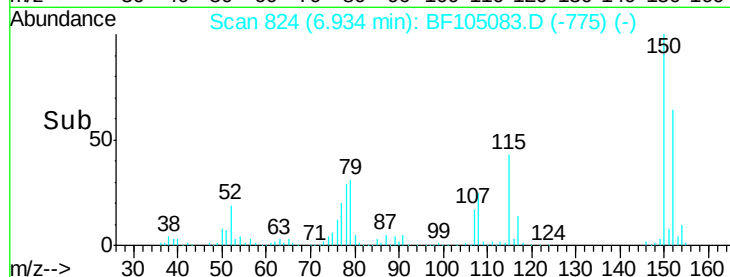
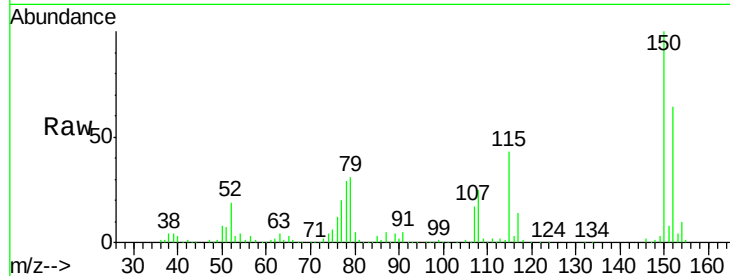




#15
Benzyl Alcohol
Concen: 29.561 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

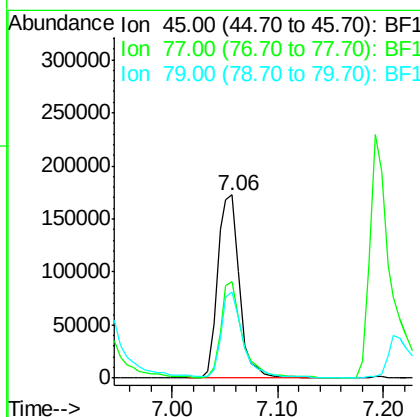
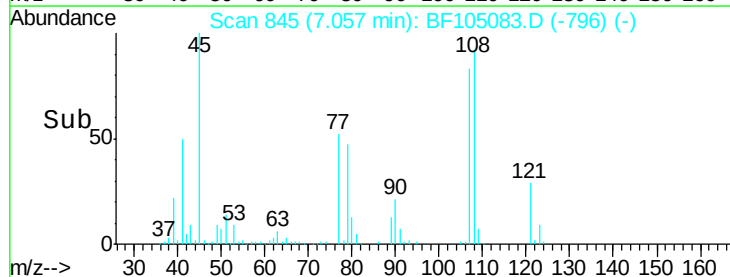
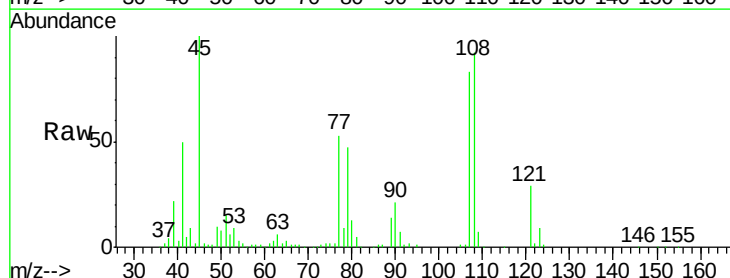
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

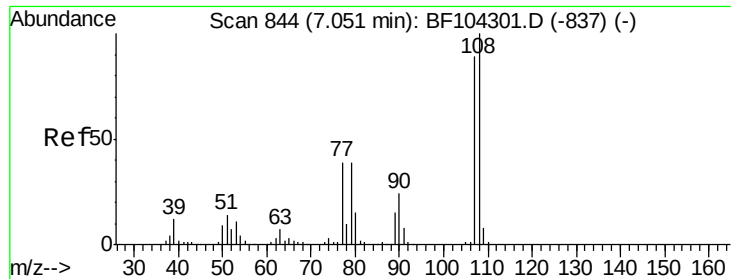
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	65.1	97.7
77	65.3	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.988 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.9	0.0	32.9#
79	47.3	0.0	29.6#





#17

2-Methylphenol

Concen: 32.322 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

Tot Ion:107 Resp: 197549

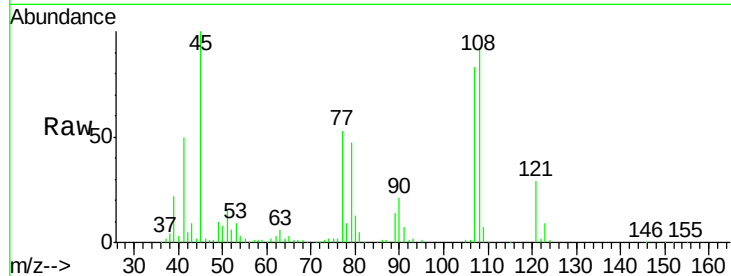
Ion Ratio Lower Upper

107 100

108 110.4 91.7 137.5

77 63.6 33.8 50.8#

79 56.9 33.8 50.8#

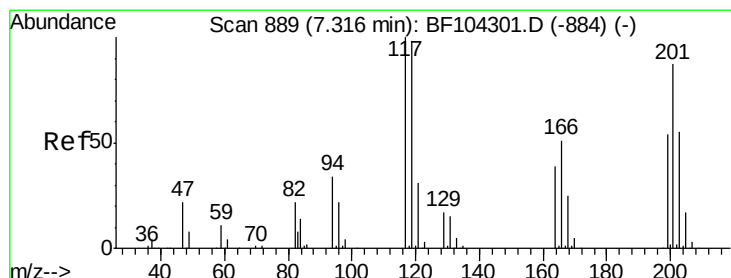
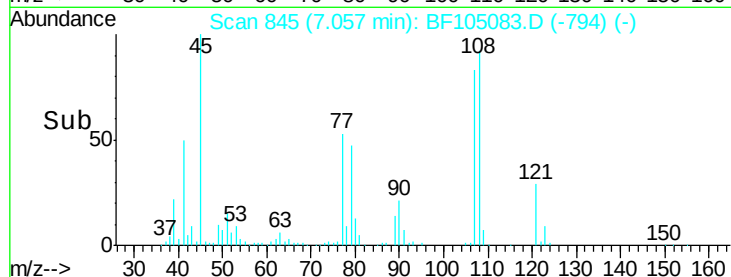
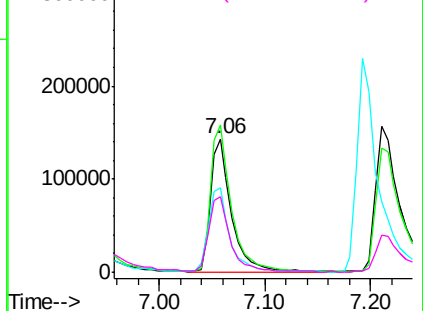


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.935 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

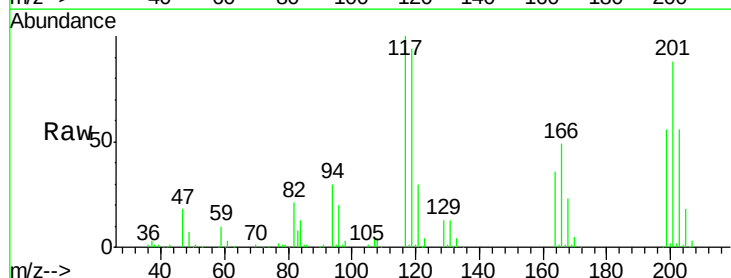
Tgt Ion:117 Resp: 93243

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

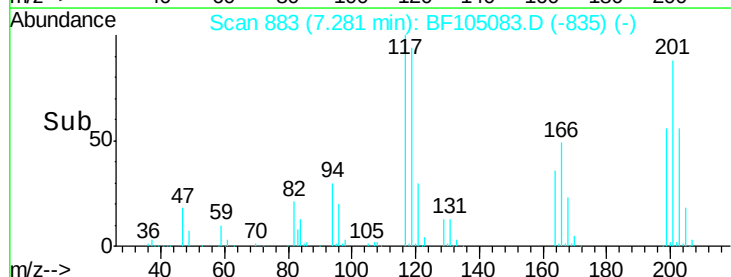
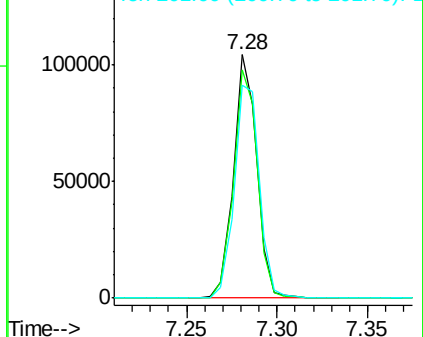
201 87.5 75.7 113.5

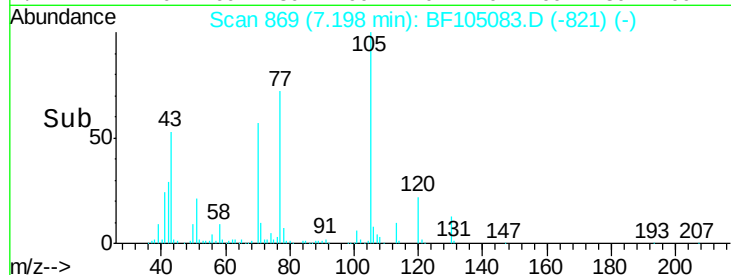
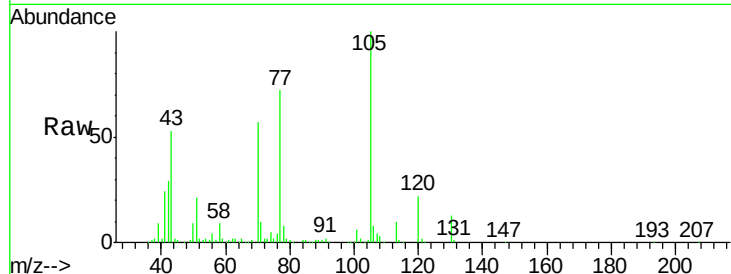
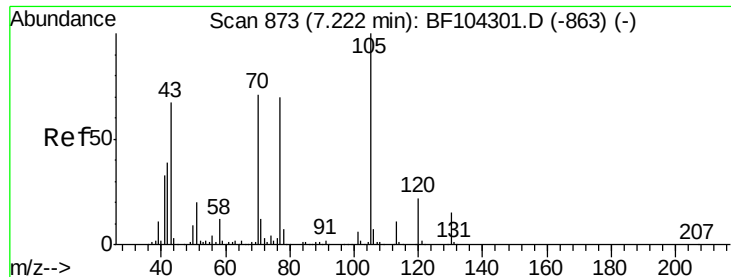


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

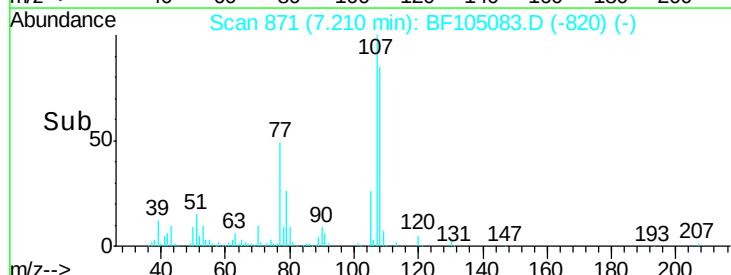
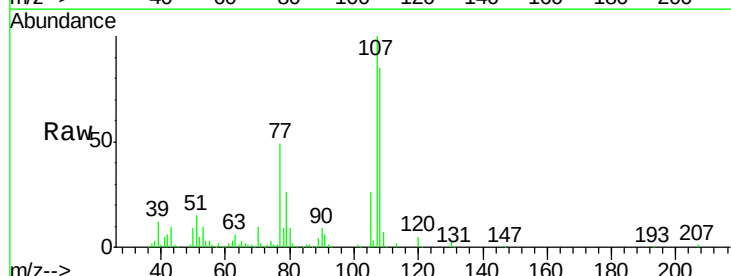
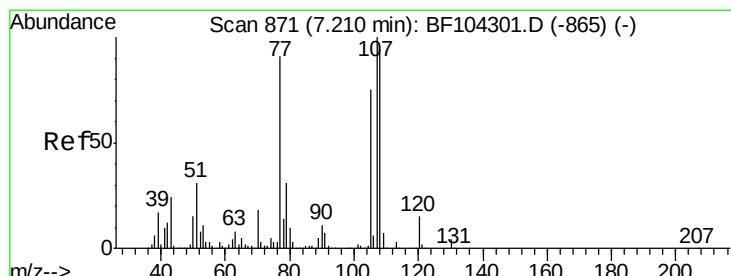
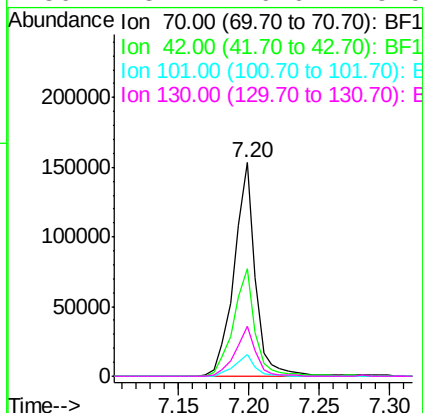




#19
n-Nitroso-di-n-propylamine
Concen: 30.041 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

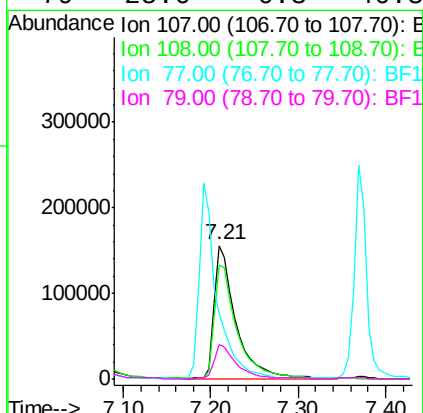
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

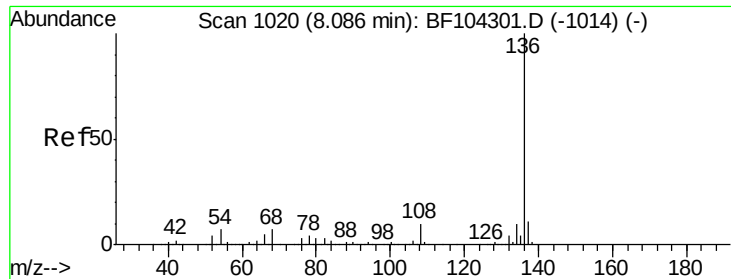
Tot Ion:	70	Resp:	160681
Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	10.1	7.4	11.2
130	23.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.749 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:	107	Resp:	263408
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.2	108.2
77	48.9	26.7	66.7
79	25.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

Tot Ion:136 Resp: 438331

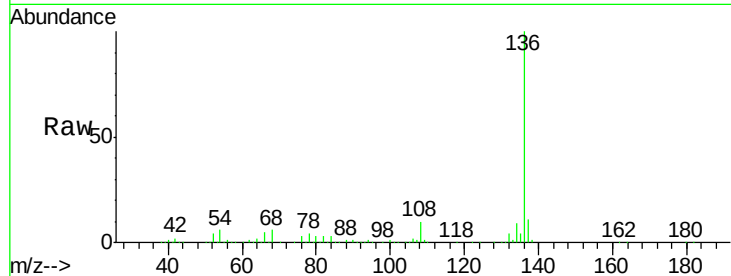
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 5.0 7.4

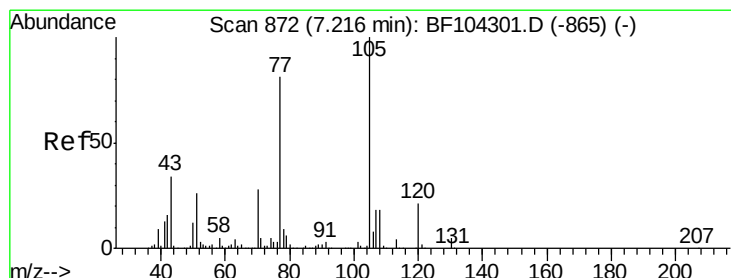
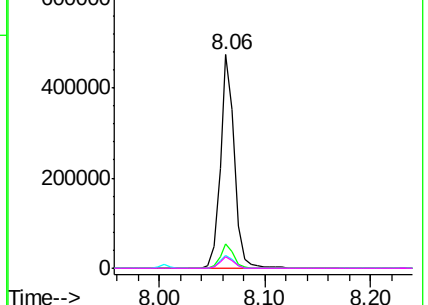
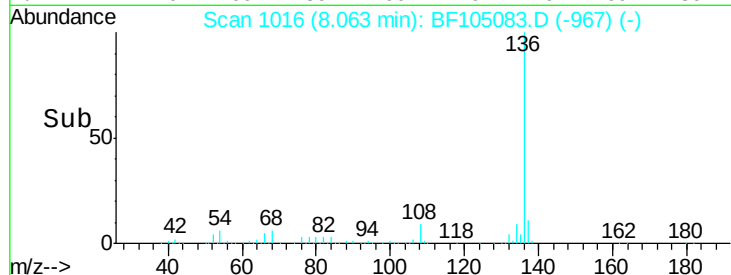


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.258 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Tgt Ion:105 Resp: 337325

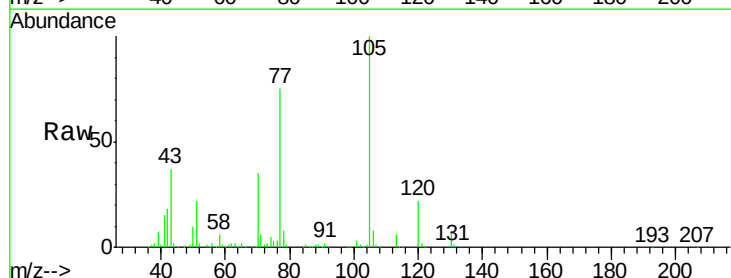
Ion Ratio Lower Upper

105 100

71 5.8 4.4 6.6

51 22.5 22.3 33.5

120 21.5 16.9 25.3

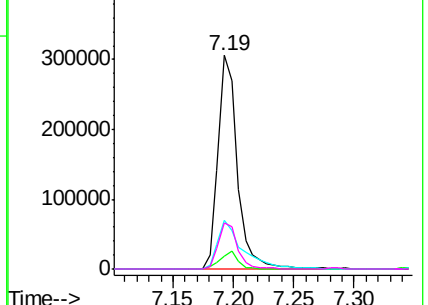
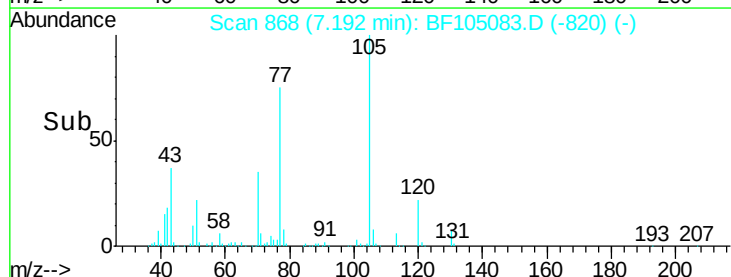


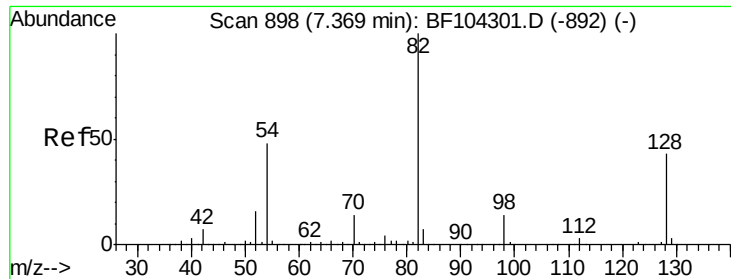
Abundance Ion 105.00 (104.70 to 105.70): E

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

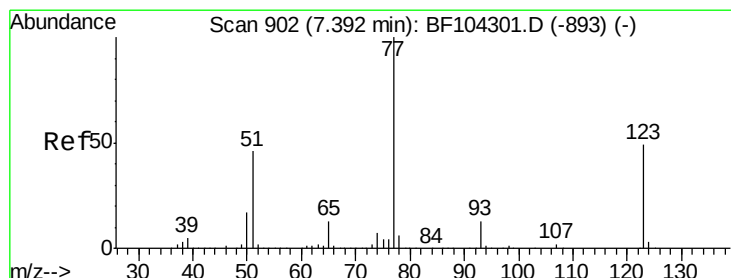
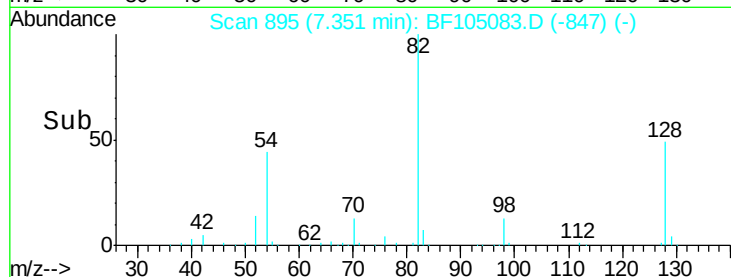
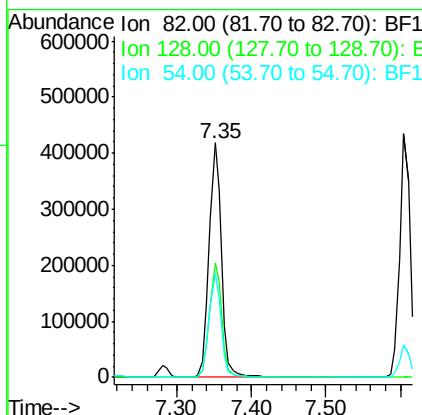
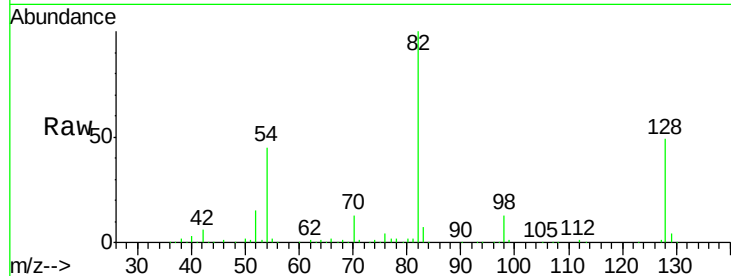




#23
 Nitrobenzene-d5
 Concen: 72.034 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

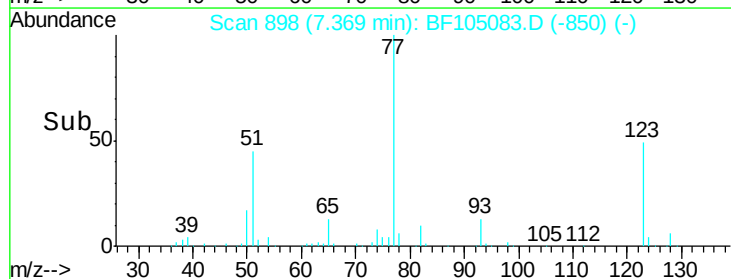
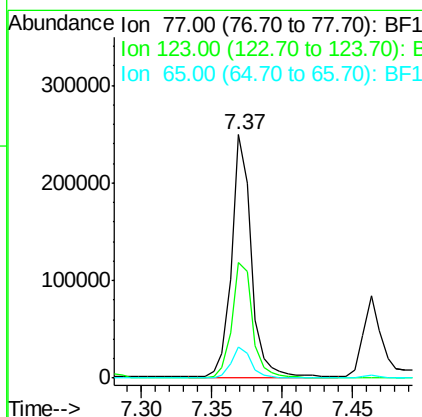
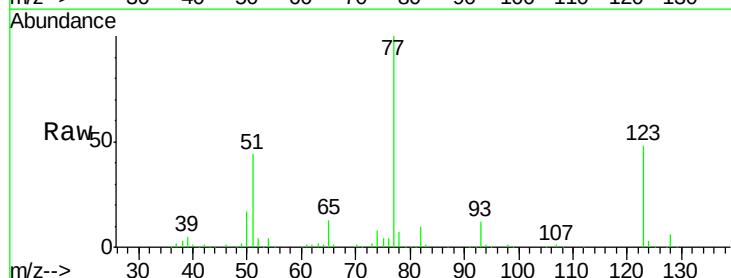
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

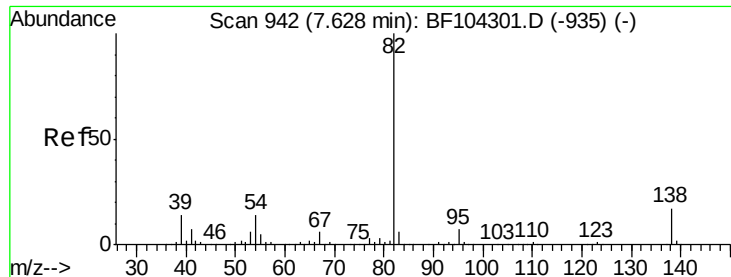
Tot Ion: 82 Resp: 483548
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 44.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 32.976 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion: 77 Resp: 244395
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 31.398 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

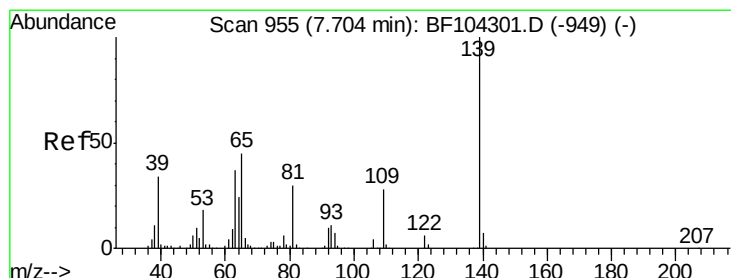
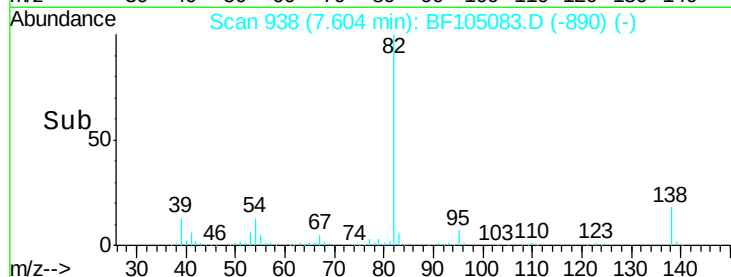
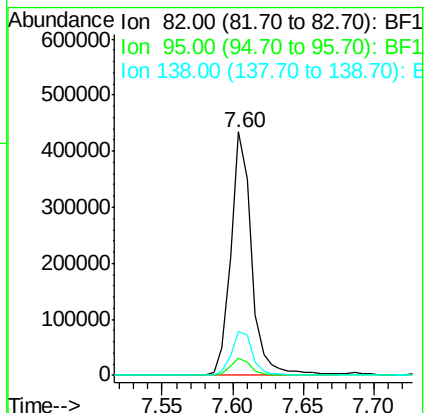
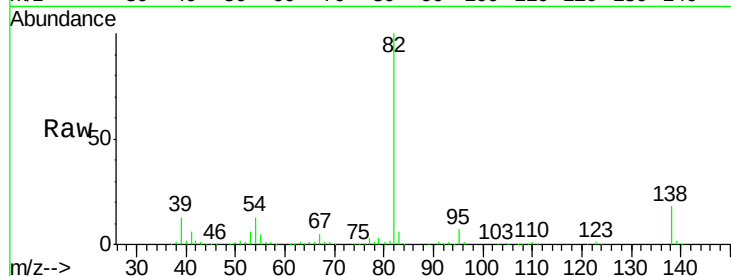
Tot Ion: 82 Resp: 445695

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 45.460 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

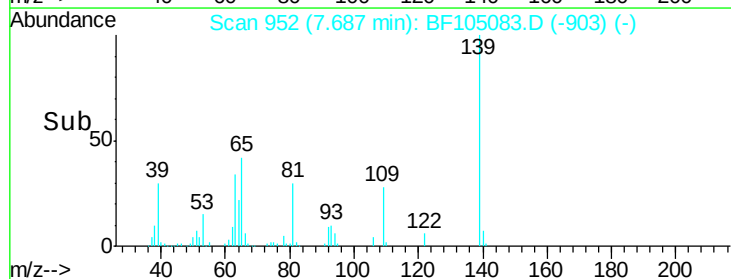
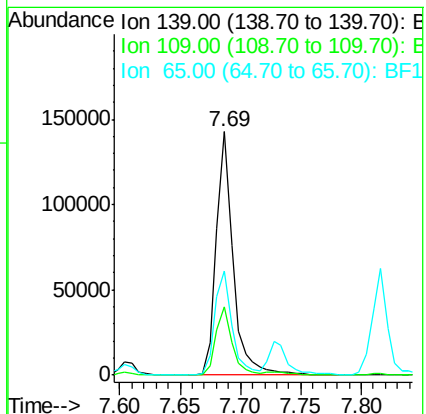
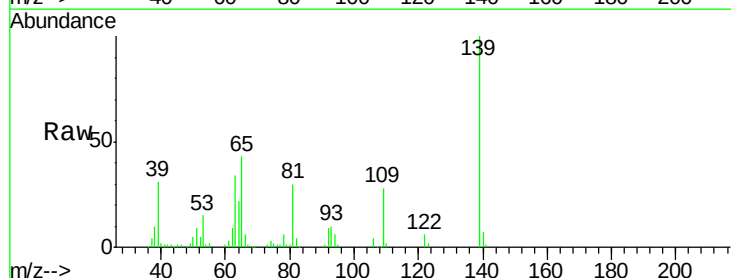
Tgt Ion: 139 Resp: 137161

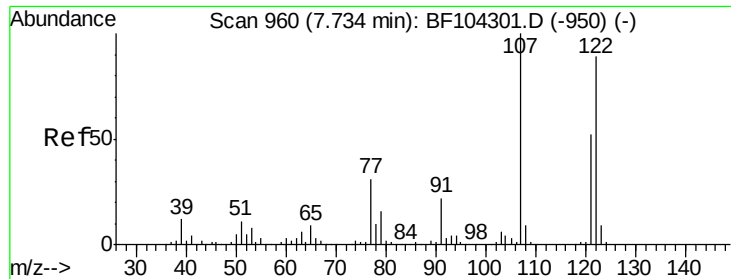
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 42.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.160 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

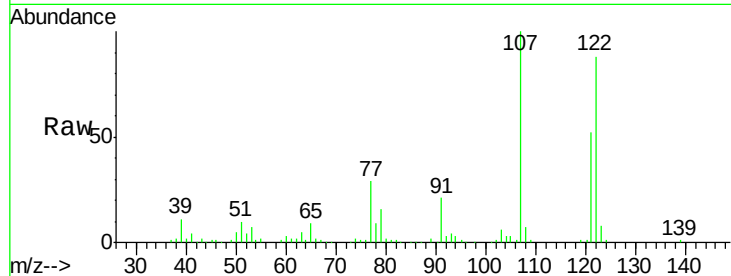
Tot Ion:122 Resp: 214003

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

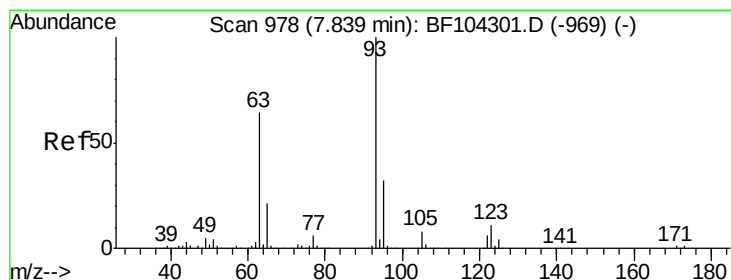
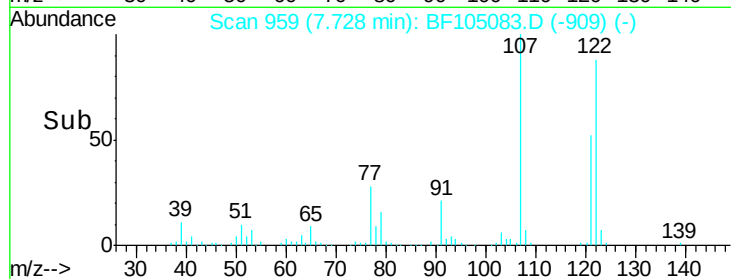
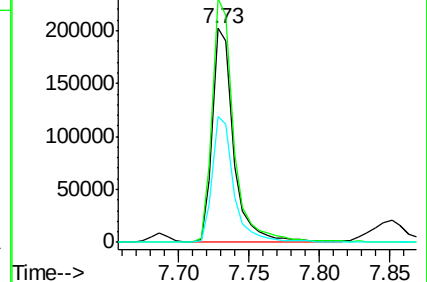
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.151 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

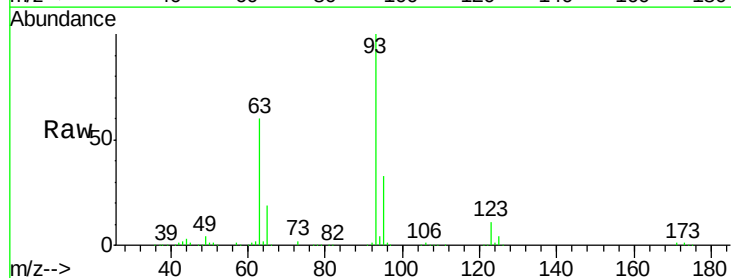
Tgt Ion: 93 Resp: 287723

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

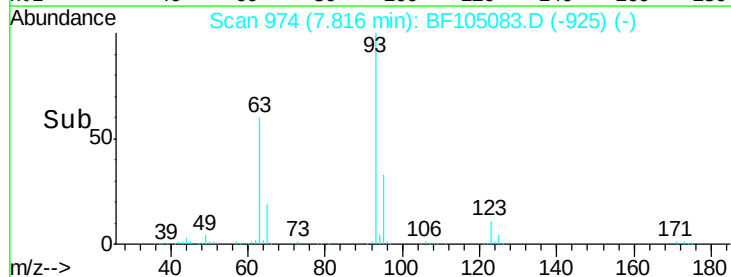
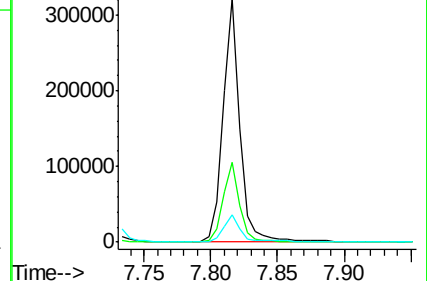
123 11.2 9.8 14.6

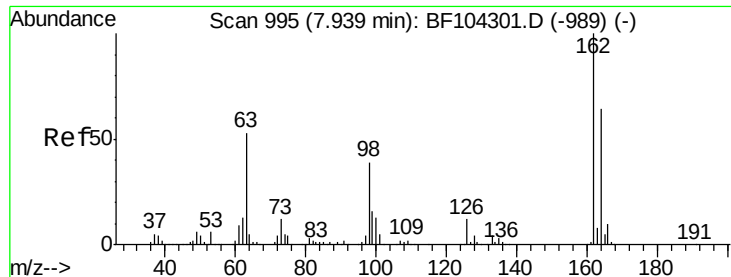


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

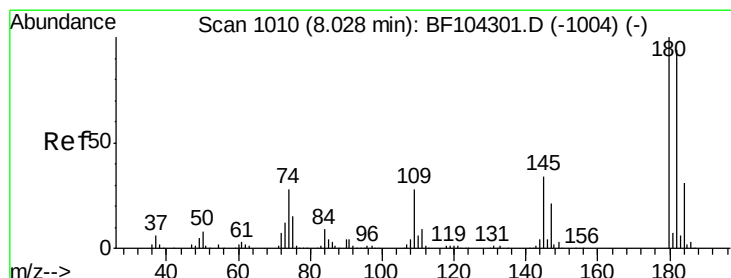
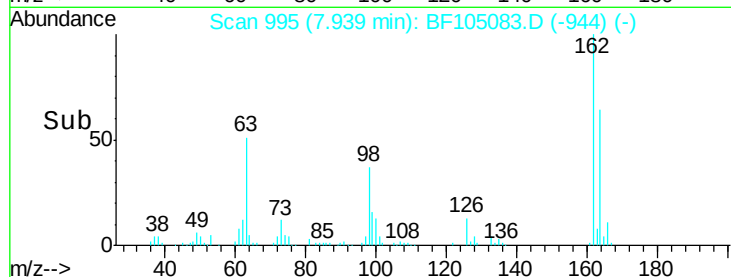
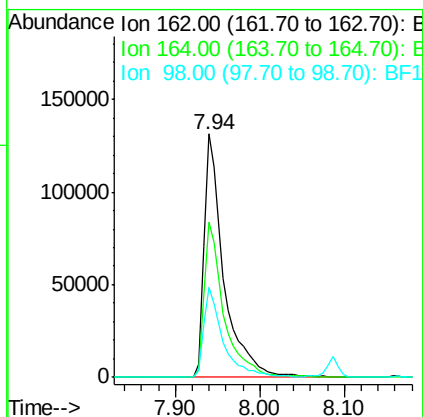
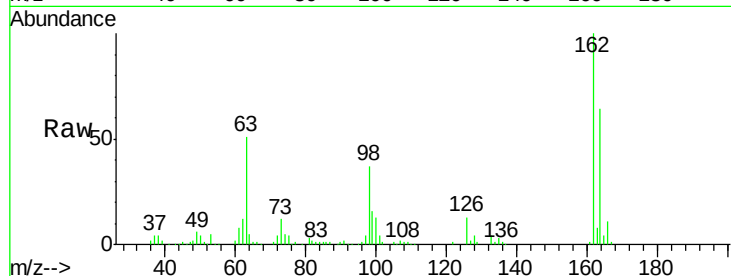




#29
 2,4-Dichlorophenol
 Concen: 35.598 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

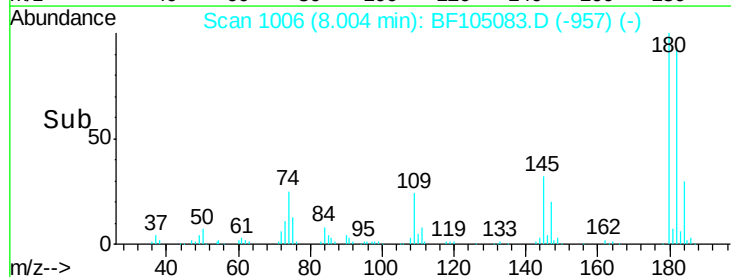
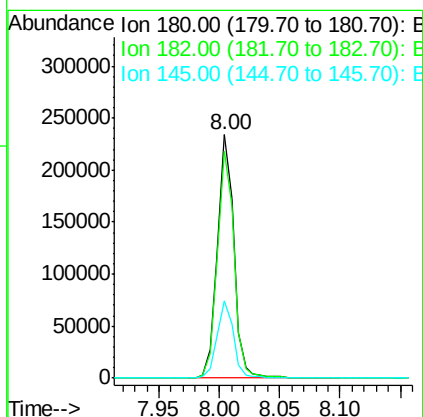
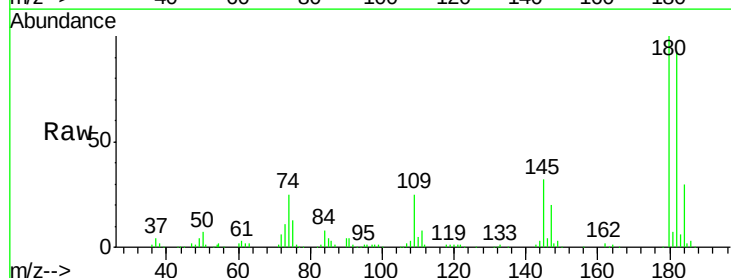
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

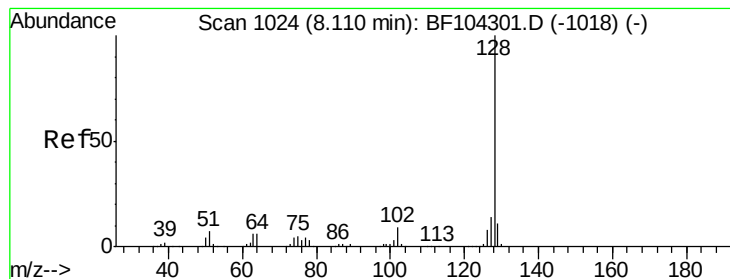
Tot Ion:162 Resp: 212784
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 37.2 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.340 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:180 Resp: 218713
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 31.9 26.5 39.7





#31

Naphthalene

Concen: 32.650 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

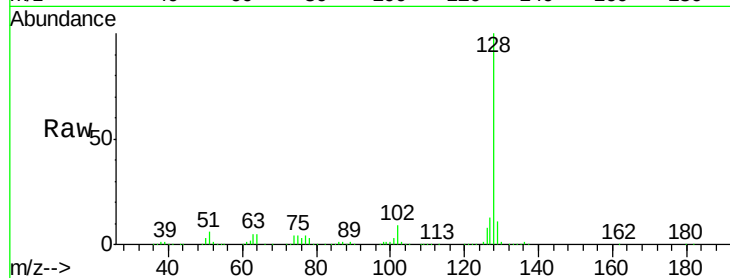
Tot Ion:128 Resp: 712637

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

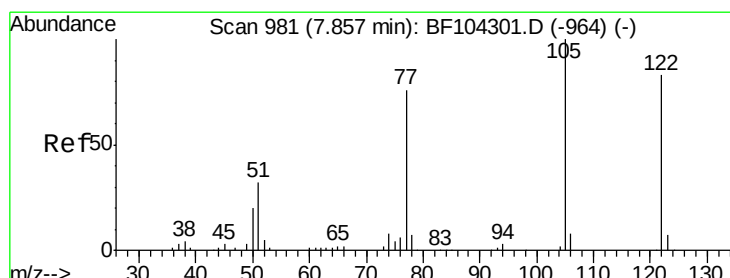
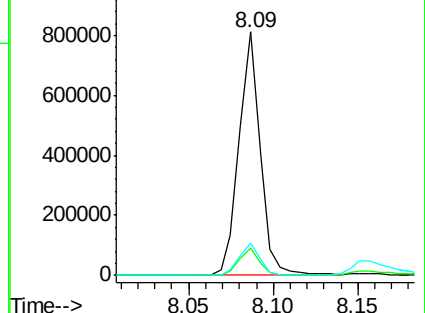
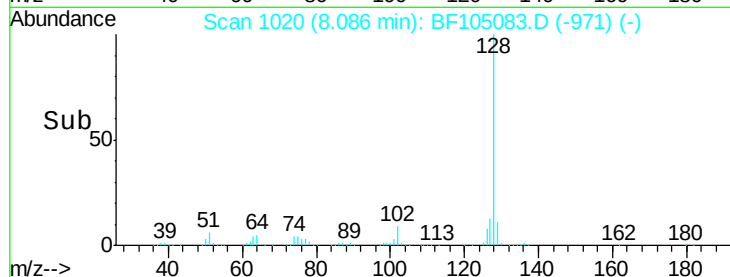
127 13.5 10.9 16.3



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: 8.483 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

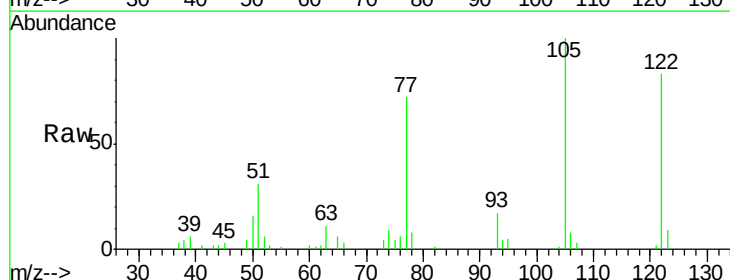
Tgt Ion:122 Resp: 42402

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

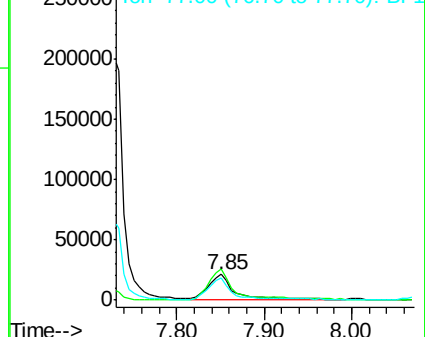
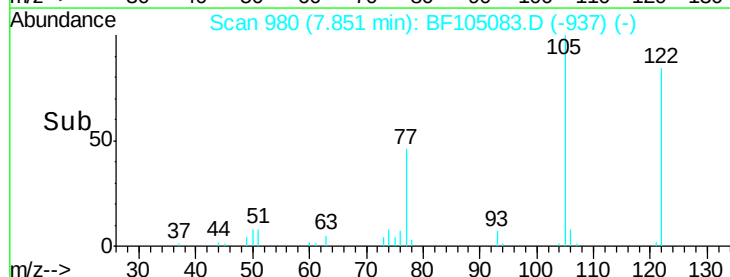
77 87.7 70.7 110.7

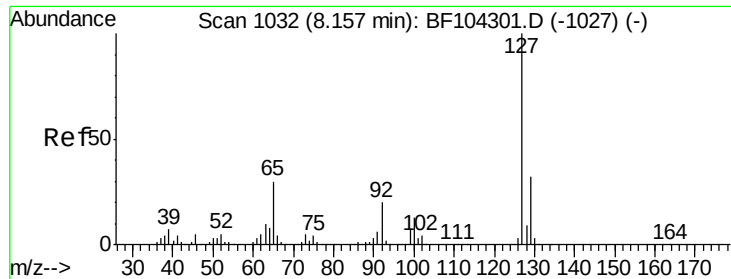


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

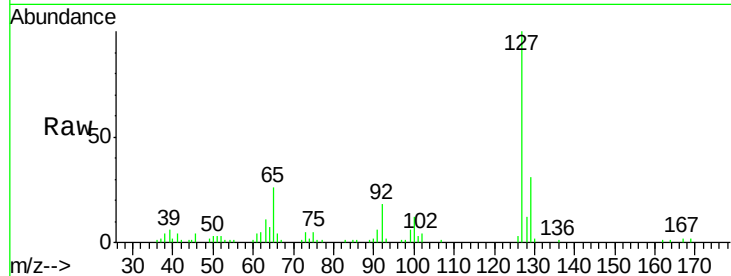




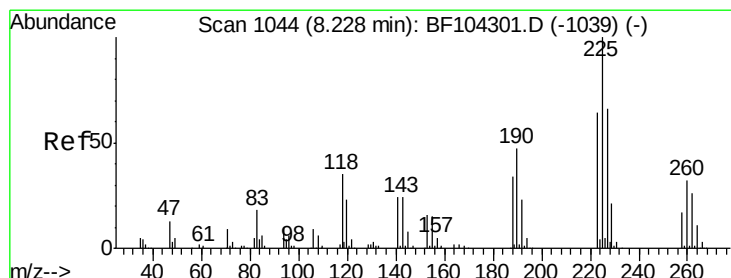
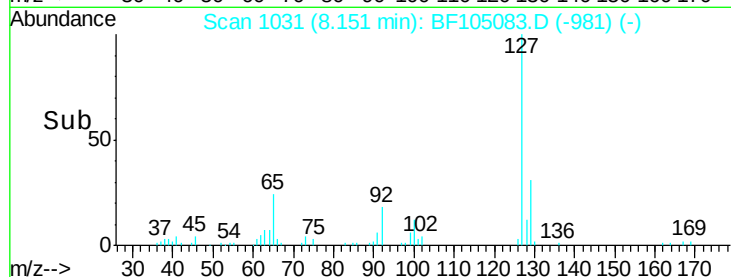
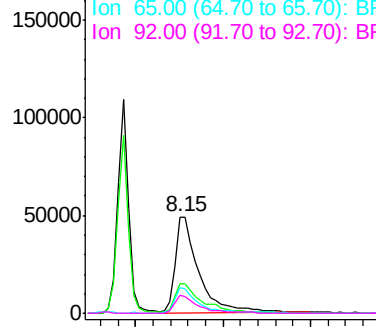
#33
4-Chloroaniline
Concen: 9.831 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

Tot Ion:	127	Resp:	91930
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	26.2	25.0	37.4
92	18.1	15.2	22.8

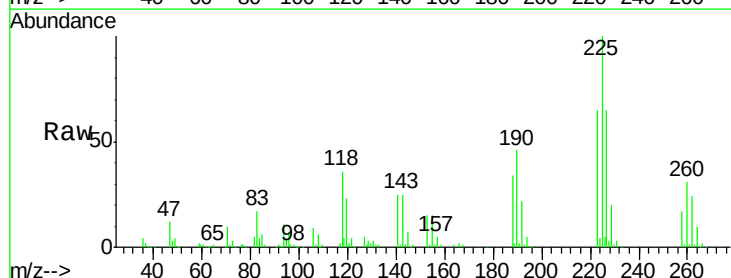


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

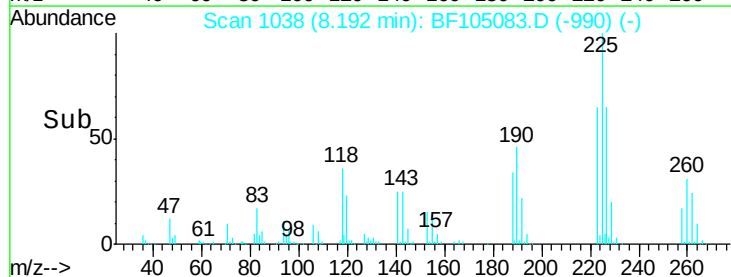
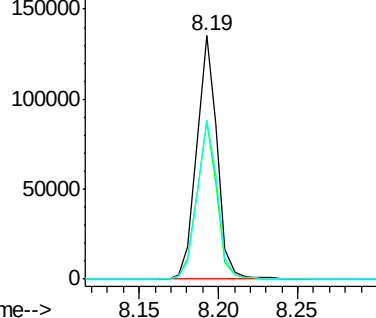


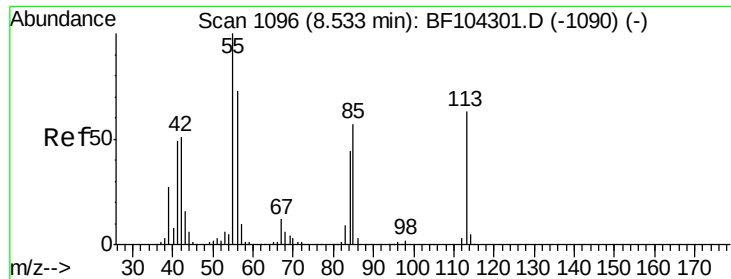
#34
Hexachlorobutadiene
Concen: 33.483 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:	225	Resp:	120312
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	65.3	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

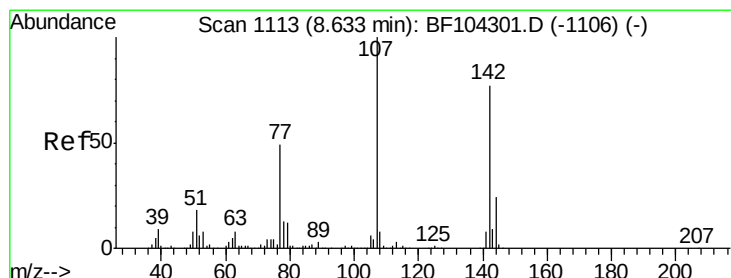
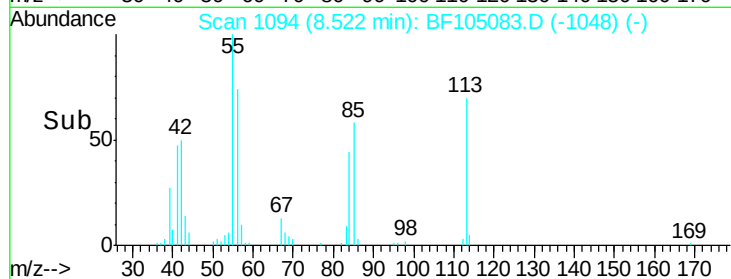
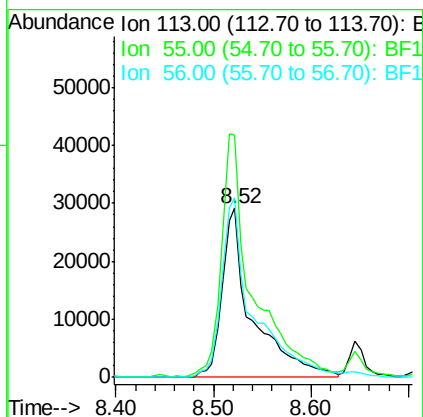
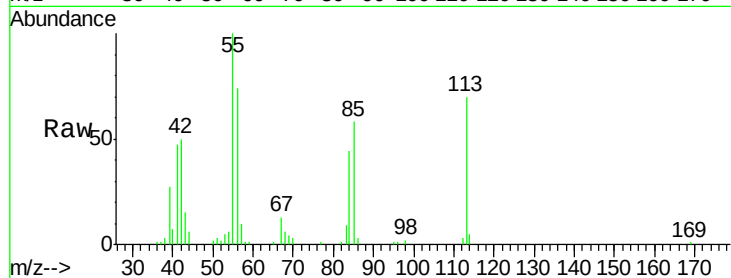




#35
 Caprolactam
 Concen: 30.028 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

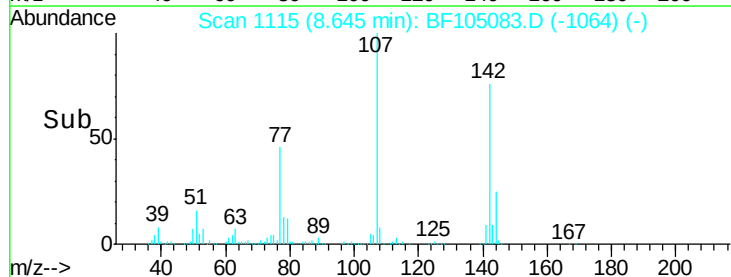
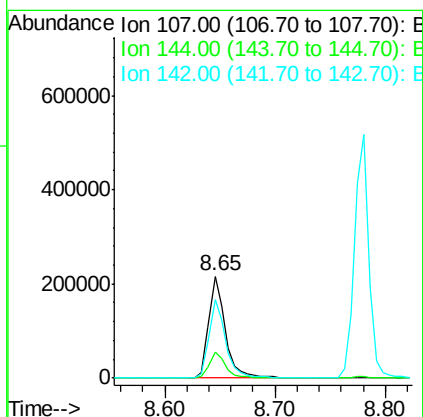
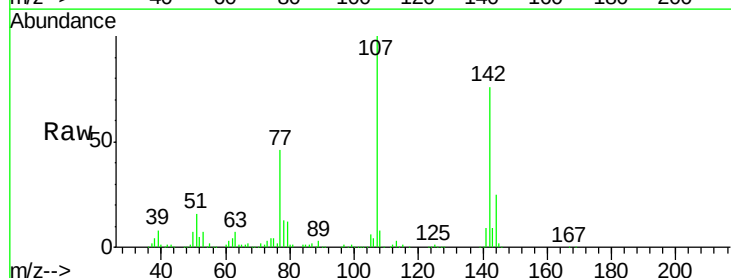
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

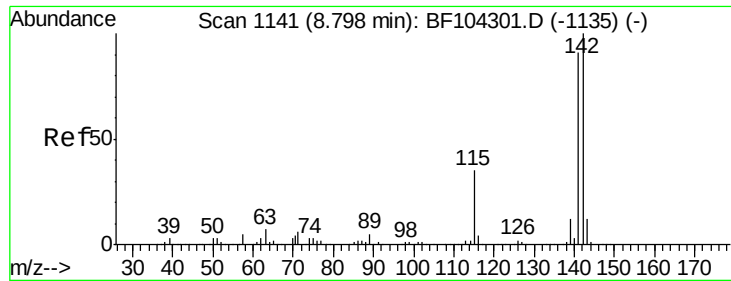
Tot Ion:113 Resp: 62616
 Ion Ratio Lower Upper
 113 100
 55 143.2 163.3 203.3#
 56 106.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.373 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:107 Resp: 220311
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 76.4 62.0 93.0

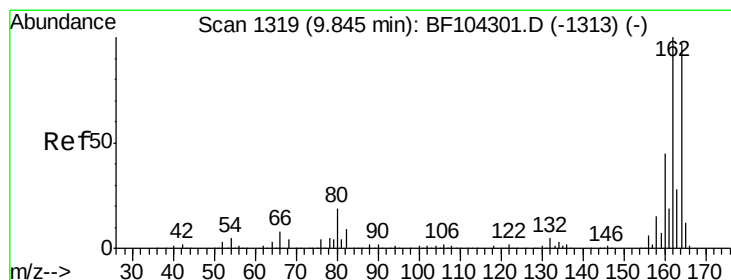
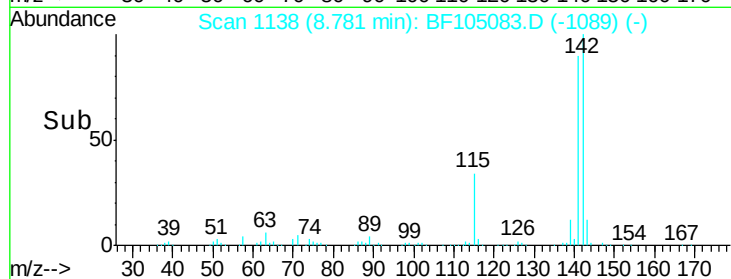
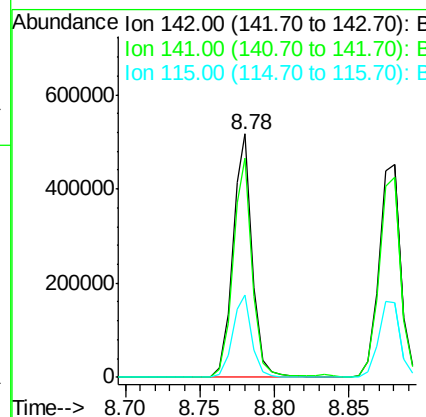
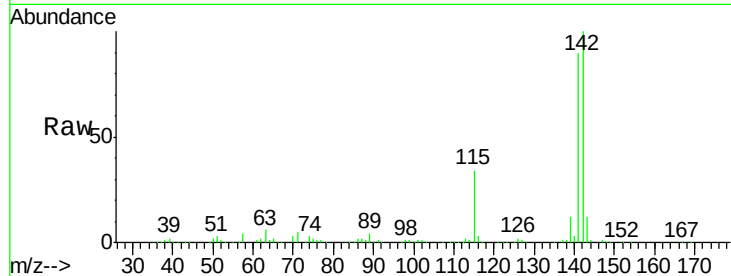




#37
2-Methylnaphthalene
Concen: 33.452 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

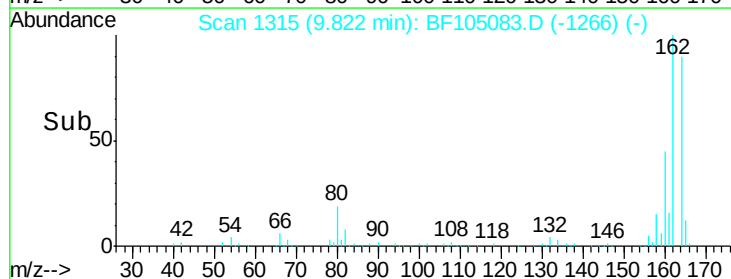
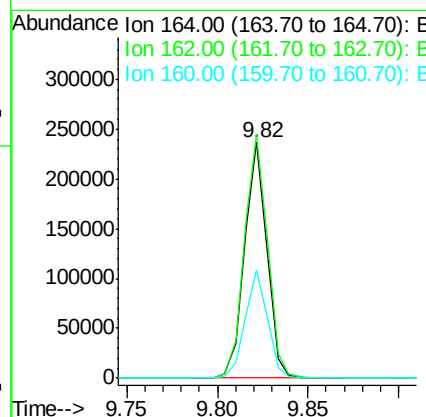
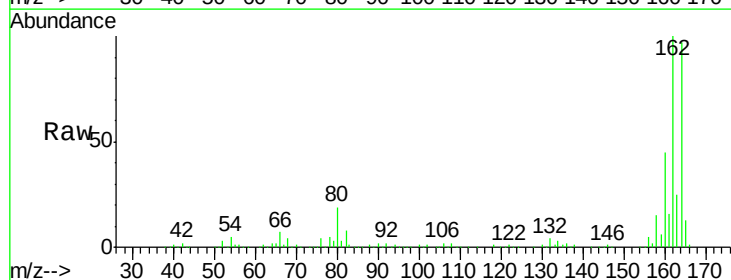
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

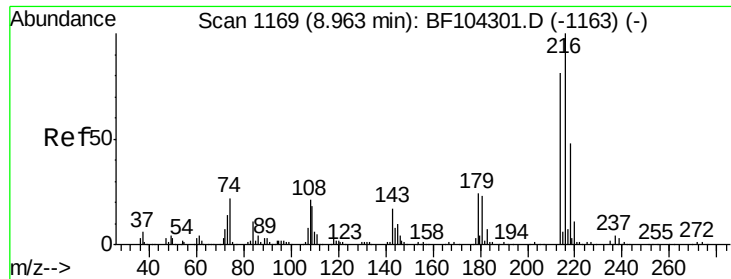
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.0	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.022 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

Tot Ion:216 Resp: 207869

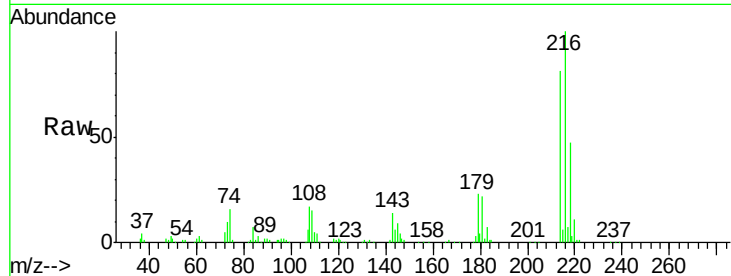
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 22.7 18.1 27.1

108 19.7 17.2 25.8

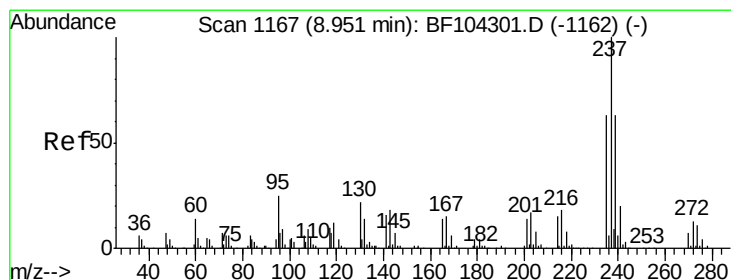
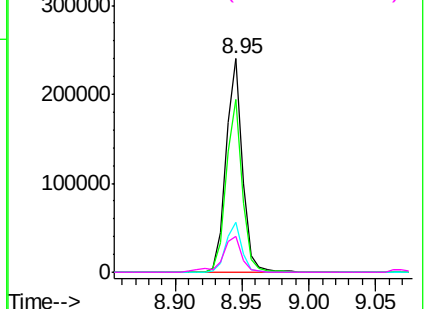
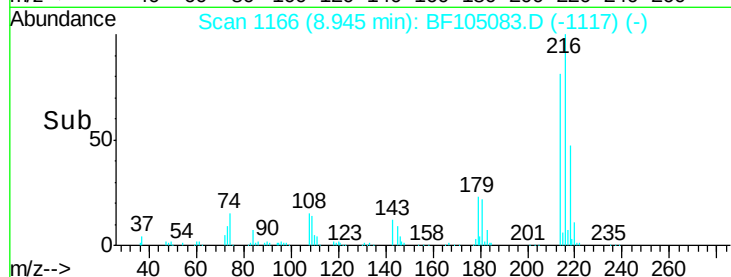


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.773 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

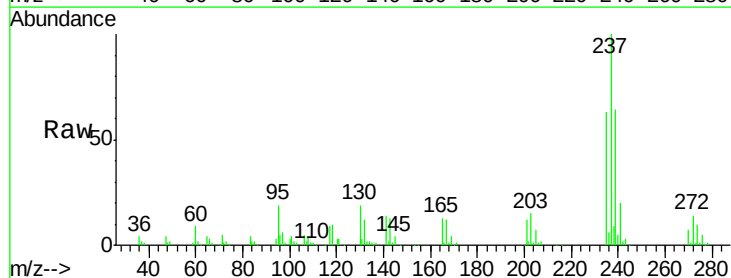
Tgt Ion:237 Resp: 105877

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

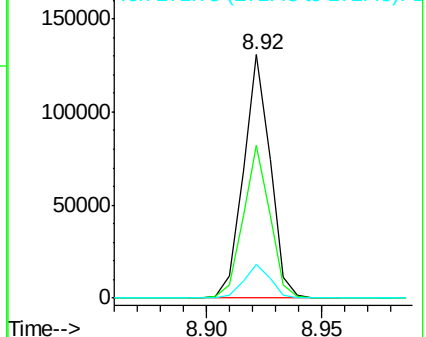
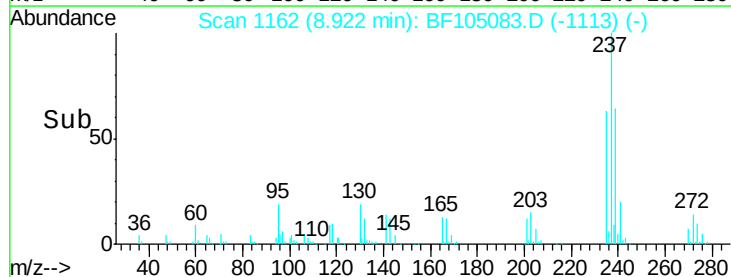
272 13.7 0.0 33.3

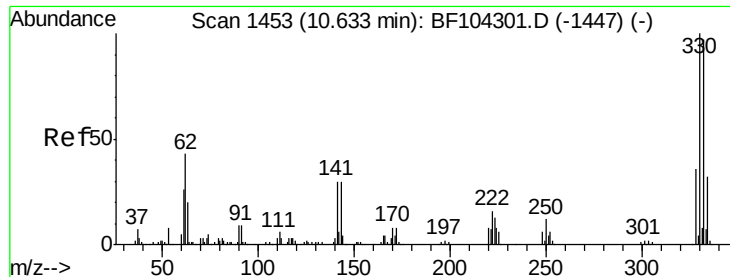


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

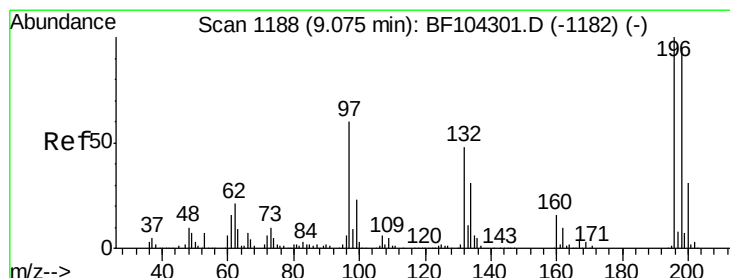
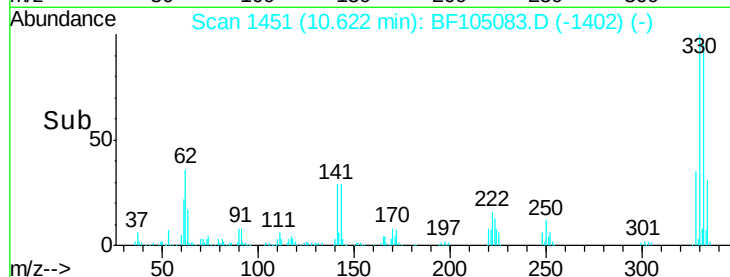
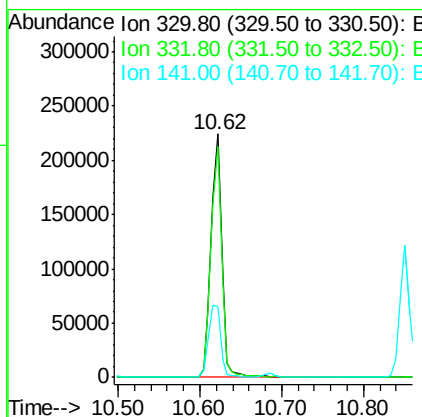
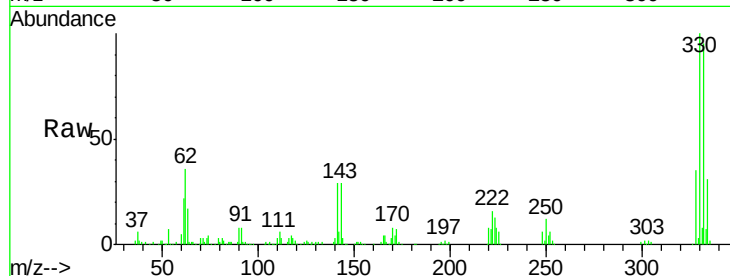




#41
 2,4,6-Tribromophenol
 Concen: 99.375 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

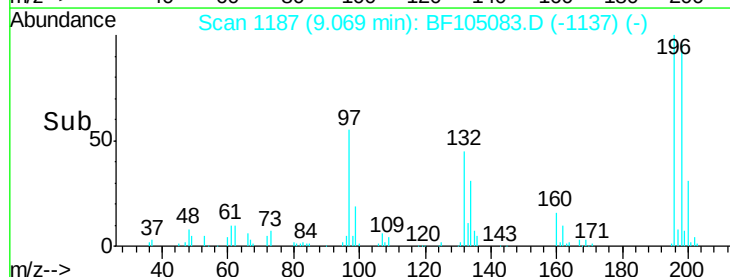
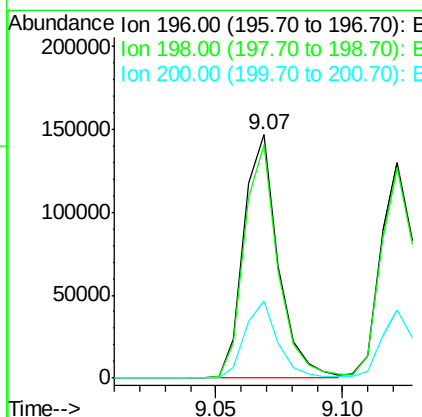
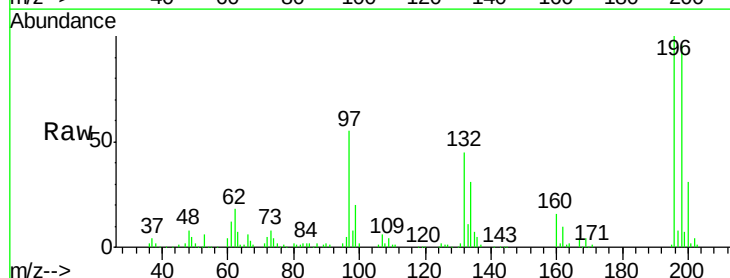
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

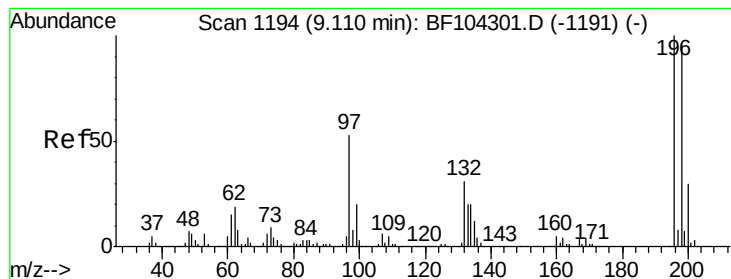
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.576 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.5	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 31.365 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

Tot Ion:196 Resp: 140602

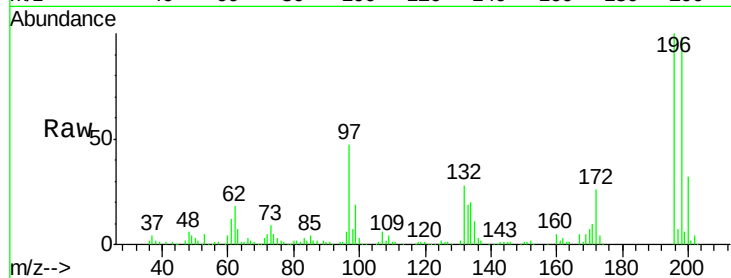
Ion Ratio Lower Upper

196 100

198 97.7 74.6 112.0

97 46.7 42.9 64.3

132 28.5 26.3 39.5

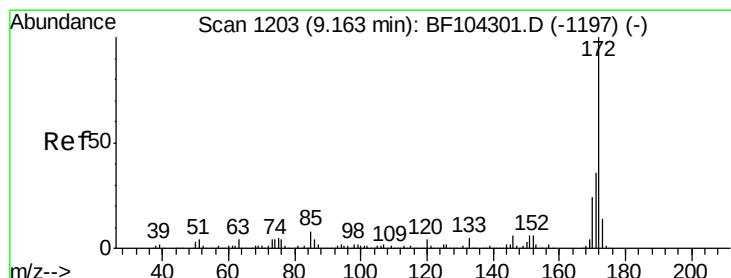
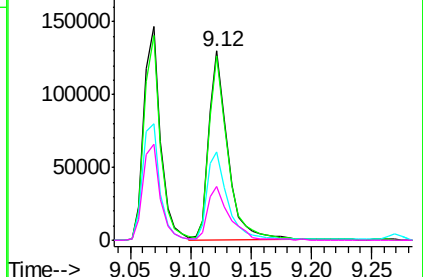
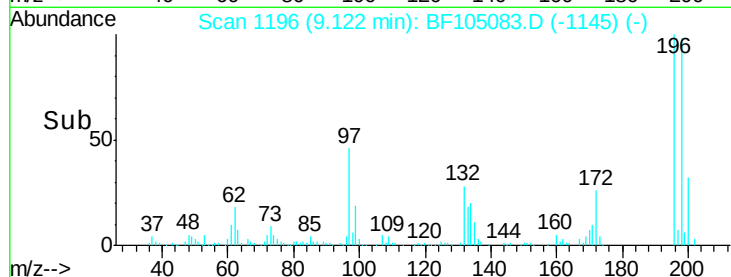


Abundance Ion 196.00 (195.70 to 196.70): E

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: 72.768 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

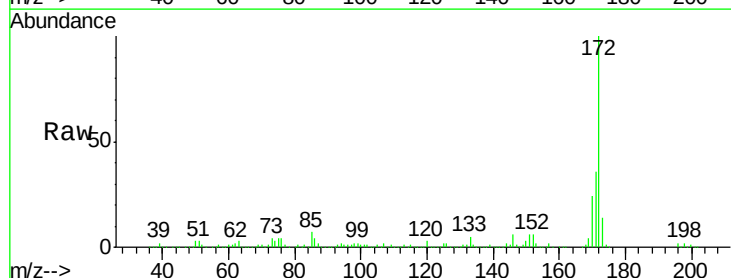
Tgt Ion:172 Resp: 928577

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

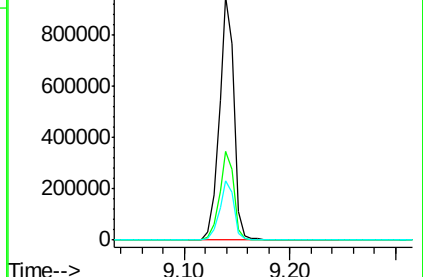
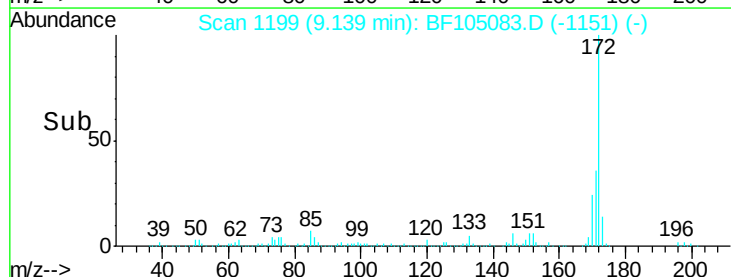
170 24.1 19.6 29.4

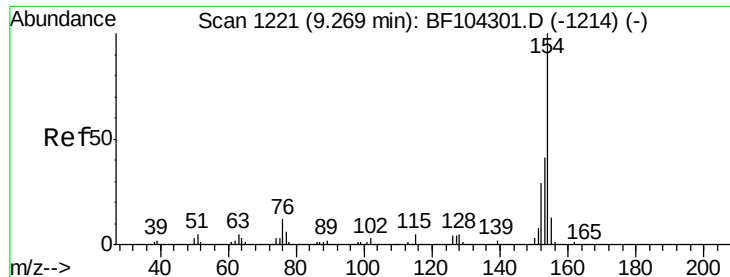


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.486 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

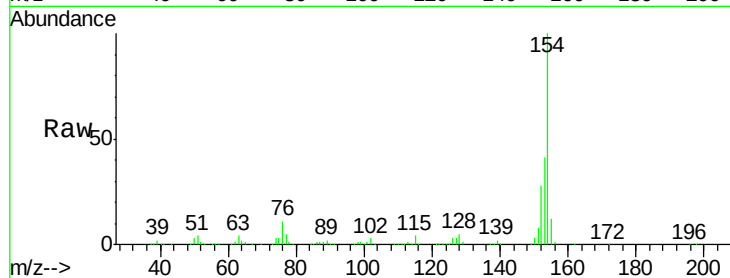
Tot Ion:154 Resp: 567085

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

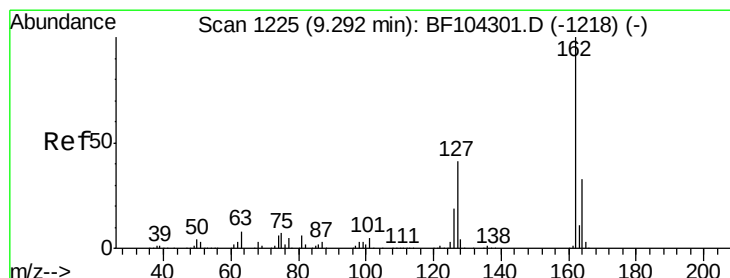
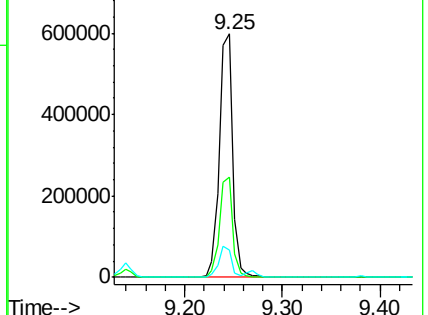
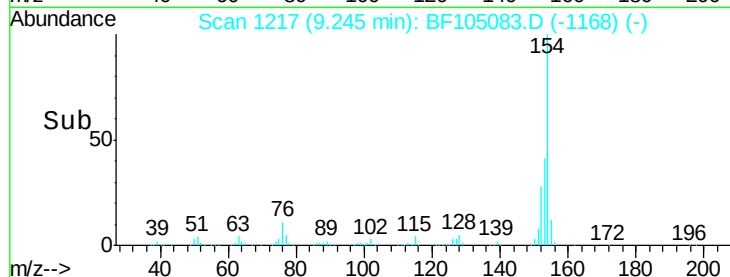
76 11.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 33.426 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

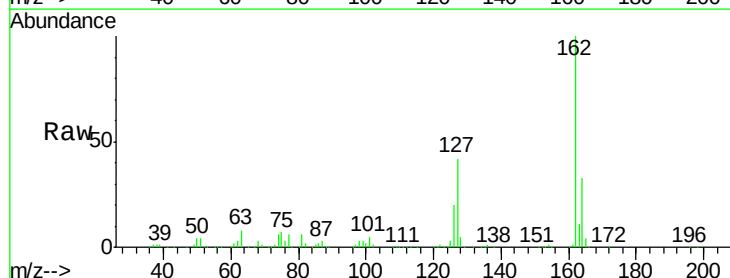
Tgt Ion:162 Resp: 447117

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

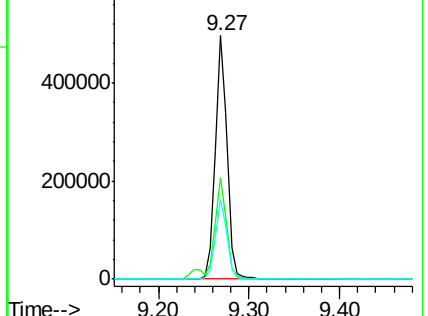
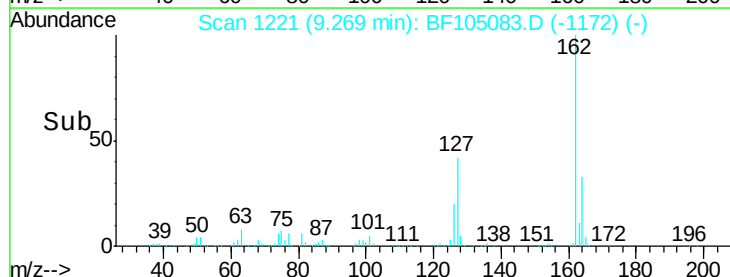
164 32.9 26.5 39.7

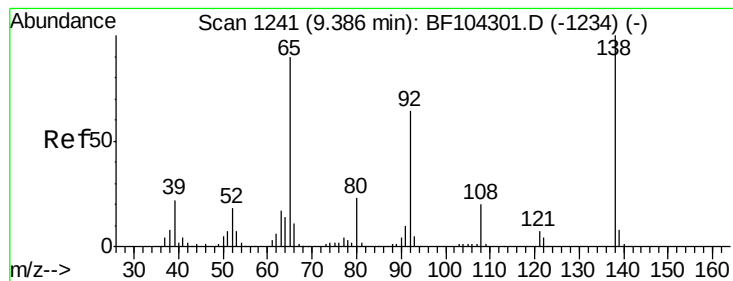


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.024 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

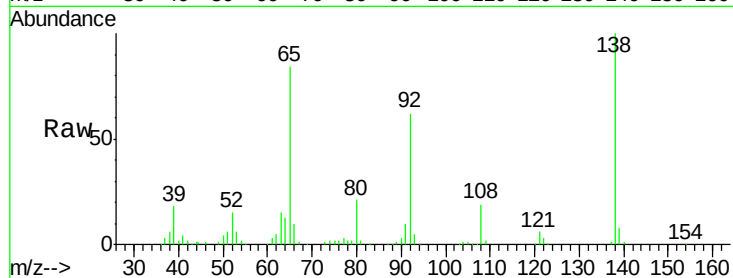
Tot Ion: 65 Resp: 122475

Ion Ratio Lower Upper

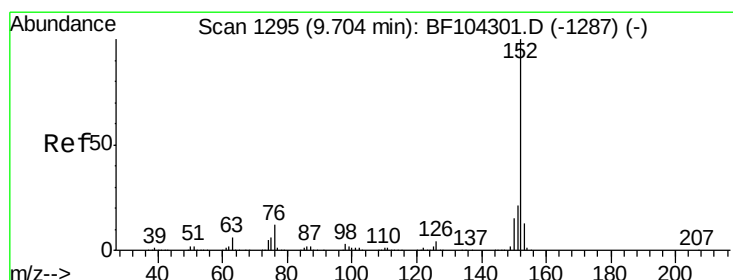
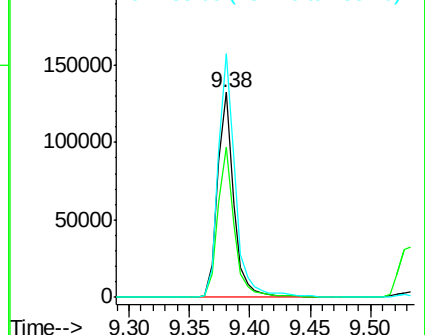
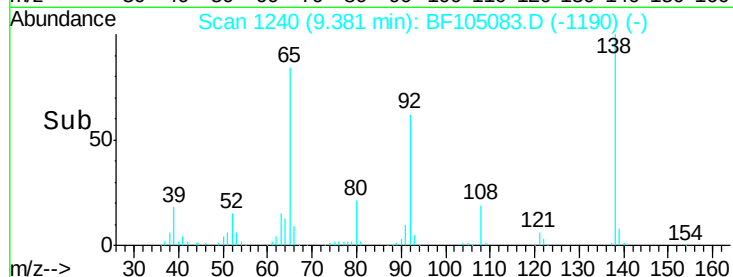
65 100

92 73.3 55.8 83.6

138 119.0 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: 30.079 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

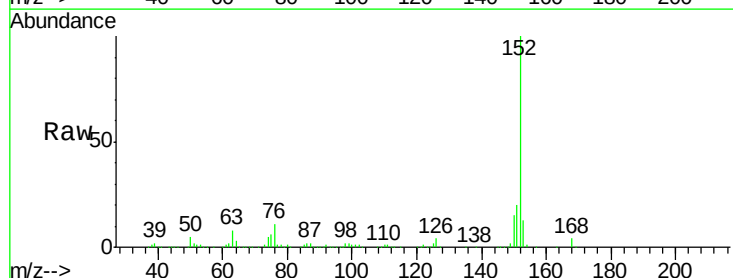
Tgt Ion: 152 Resp: 631276

Ion Ratio Lower Upper

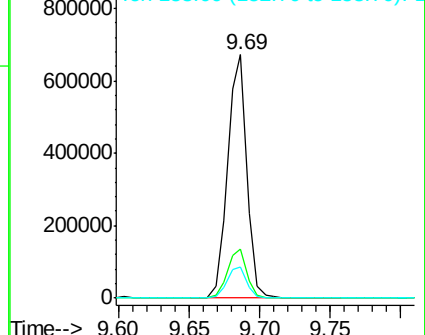
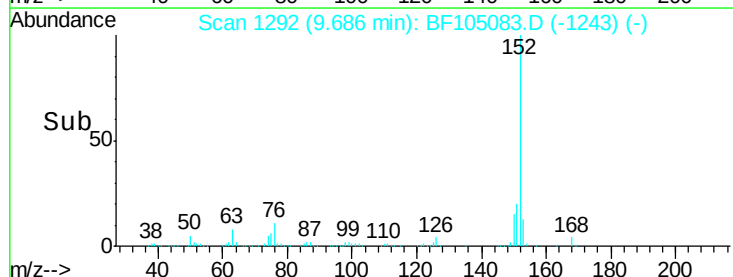
152 100

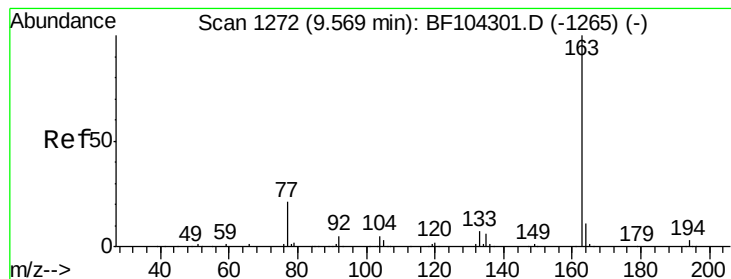
151 20.0 16.3 24.5

153 12.8 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: 38.205 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

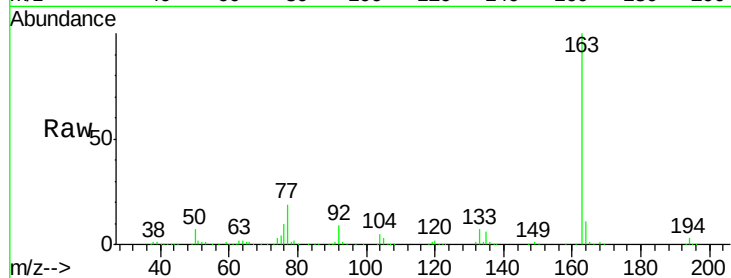
Tot Ion:163 Resp: 607340

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

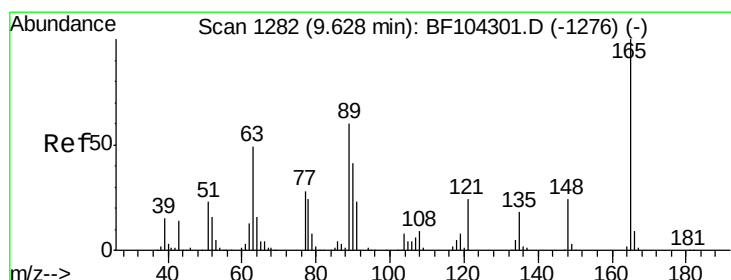
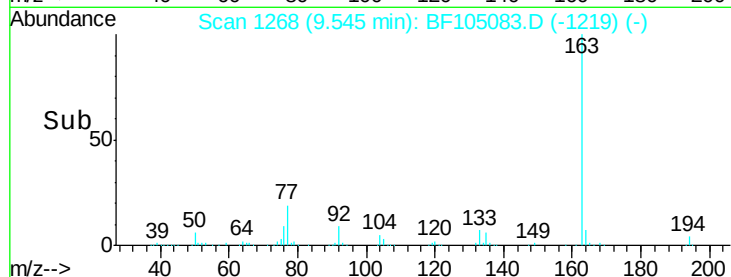
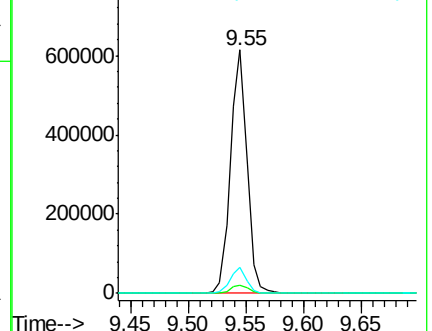
164 10.5 8.2 12.2



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: 38.265 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

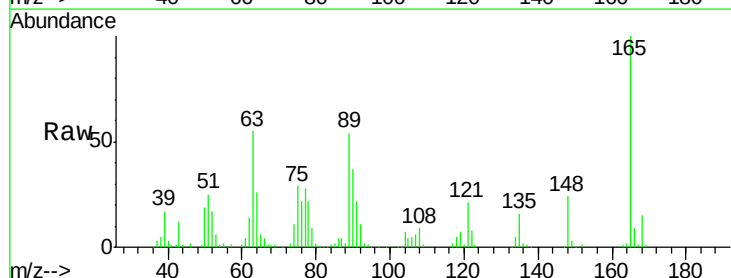
Tgt Ion:165 Resp: 112557

Ion Ratio Lower Upper

165 100

63 55.1 44.7 67.1

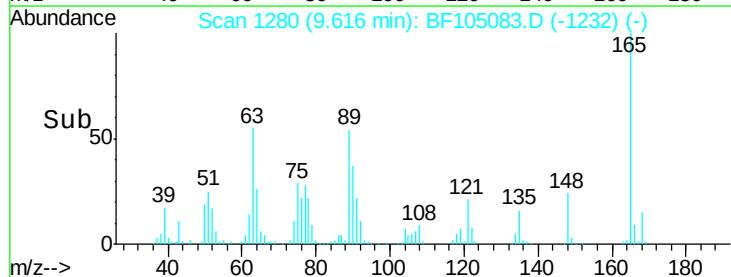
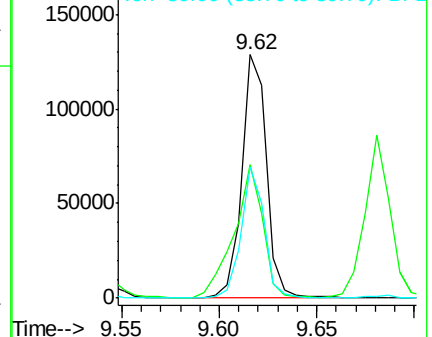
89 54.1 44.0 66.0

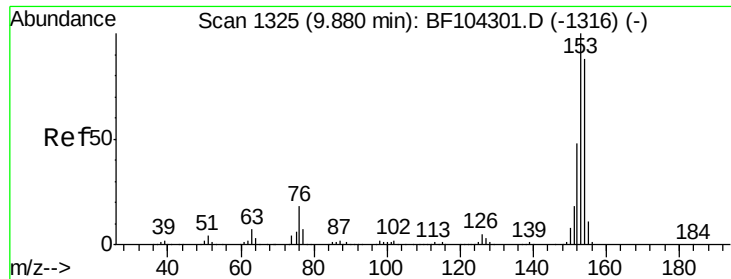


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 29.654 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

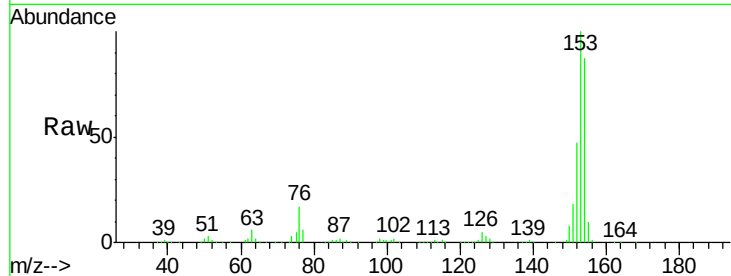
Tot Ion:154 Resp: 379724

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

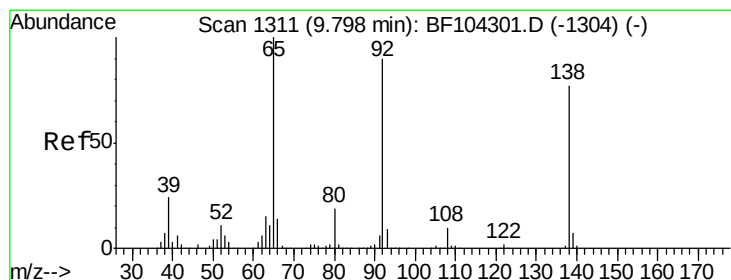
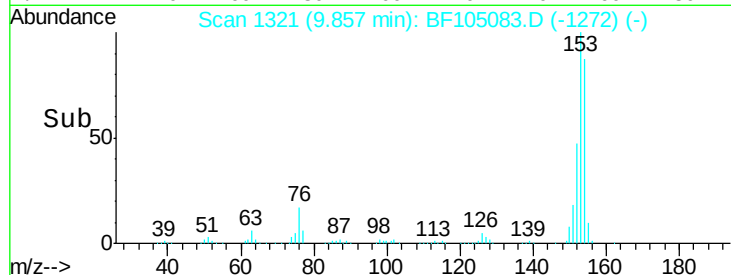
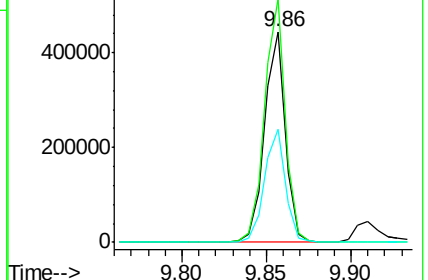
152 53.9 43.8 65.8



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: 17.635 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

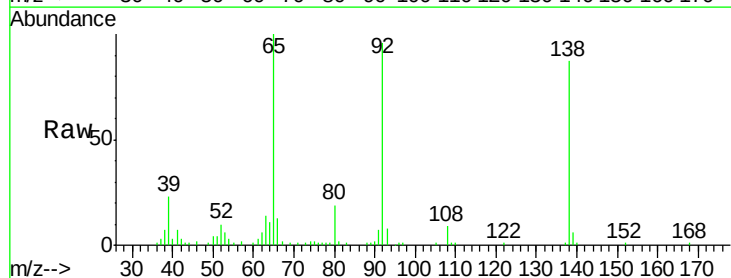
Tgt Ion:138 Resp: 60730

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

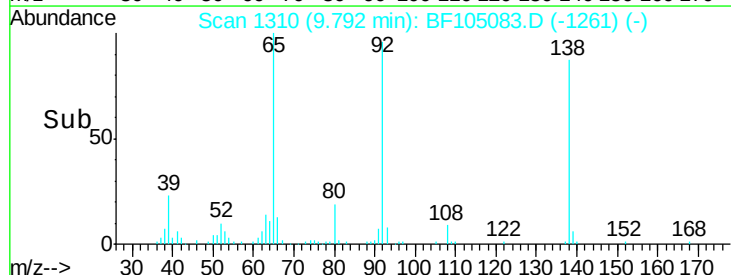
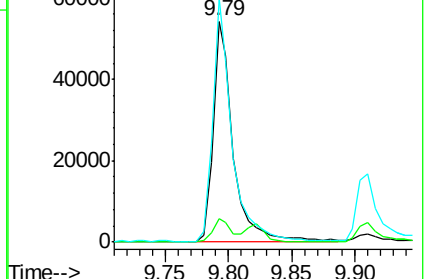
92 110.3 89.4 134.2

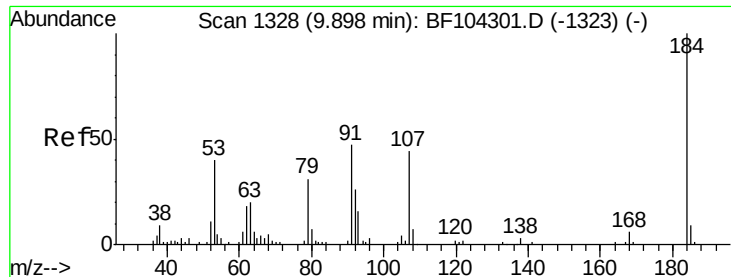


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

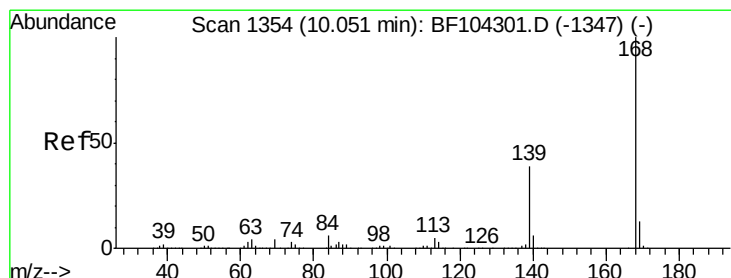
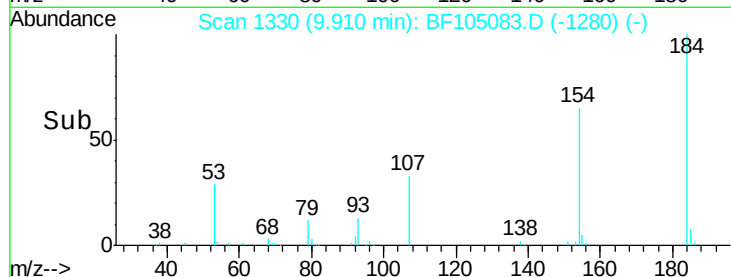
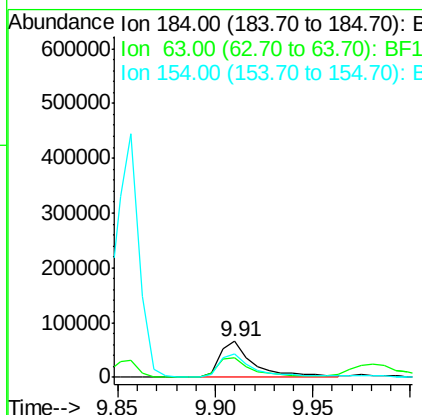
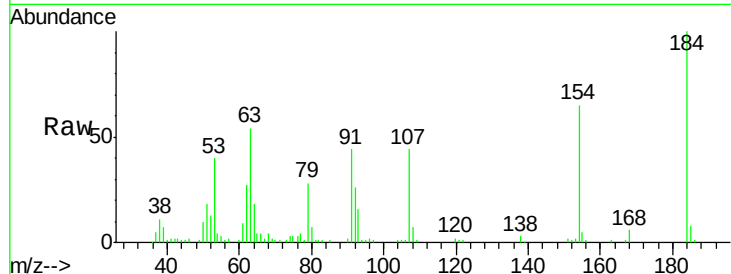




#53
2,4-Dinitrophenol
Concen: 69.398 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

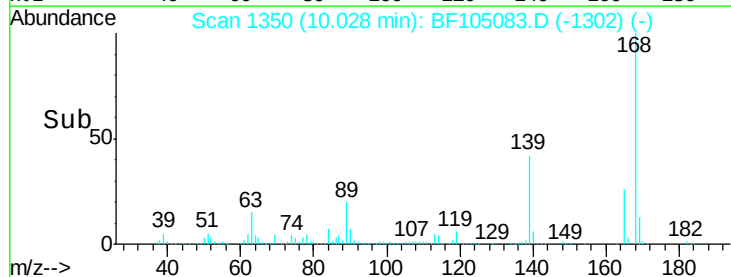
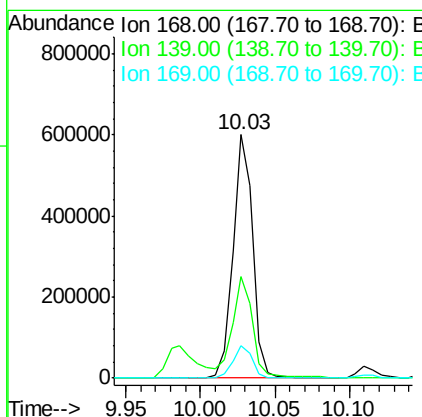
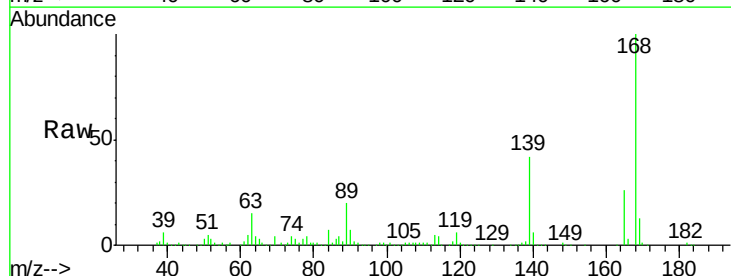
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

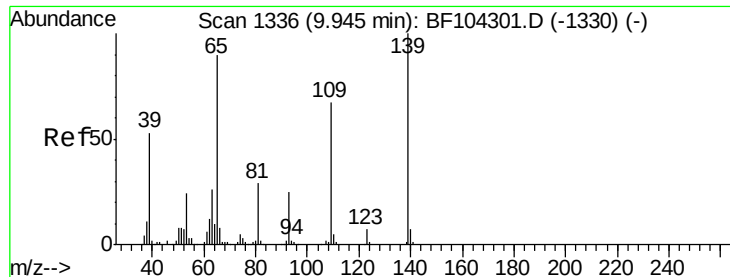
Tot Ion:184 Resp: 78989
Ion Ratio Lower Upper
184 100
63 54.1 54.2 81.2#
154 65.2 184.0 276.0#



#54
Dibenzofuran
Concen: 31.229 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:168 Resp: 557286
Ion Ratio Lower Upper
168 100
139 41.5 30.1 45.1
169 13.3 10.9 16.3

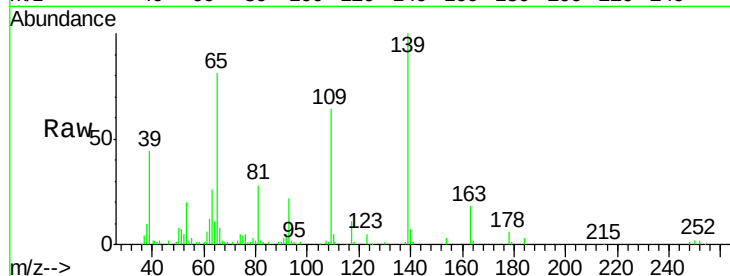




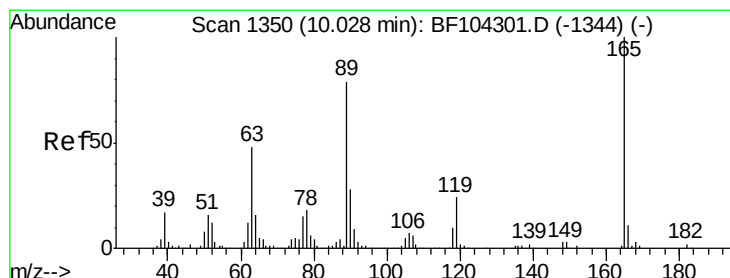
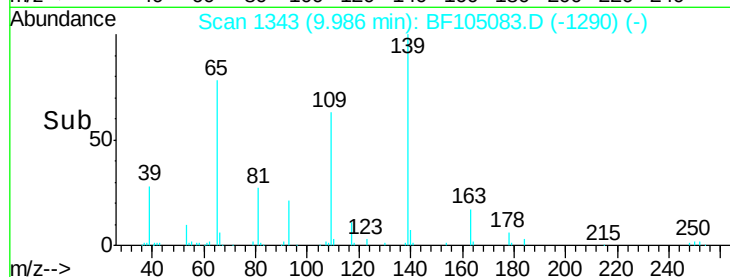
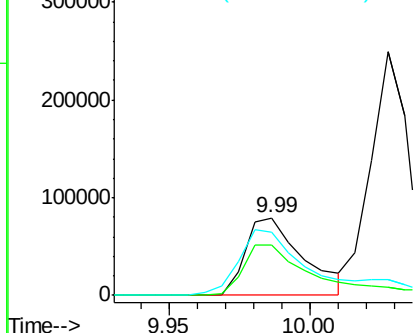
#55
4-Nitrophenol
Concen: 41.510 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

Tot Ion:139 Resp: 112288
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 80.6 72.6 112.6

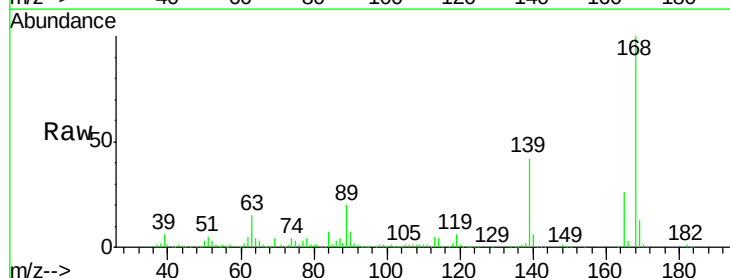


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

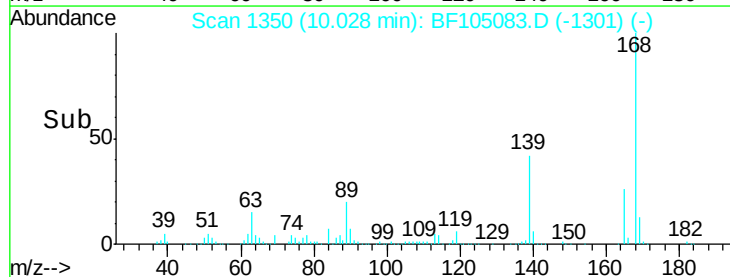
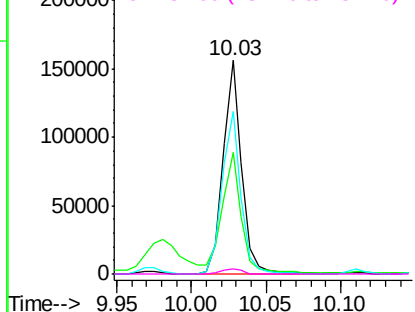


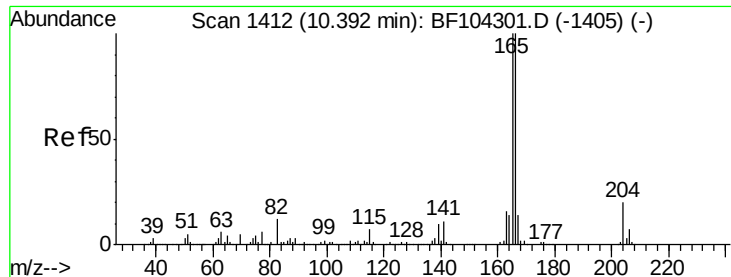
#56
2,4-Dinitrotoluene
Concen: 35.652 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:165 Resp: 137563
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 76.3 57.8 86.6
182 2.4 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: 34.763 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

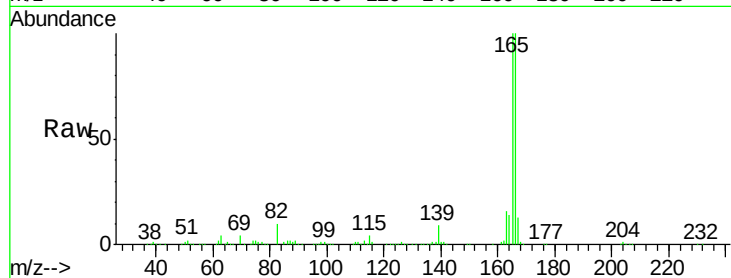
Tot Ion:166 Resp: 451536

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

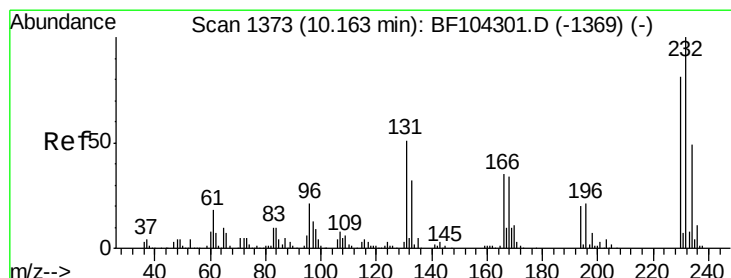
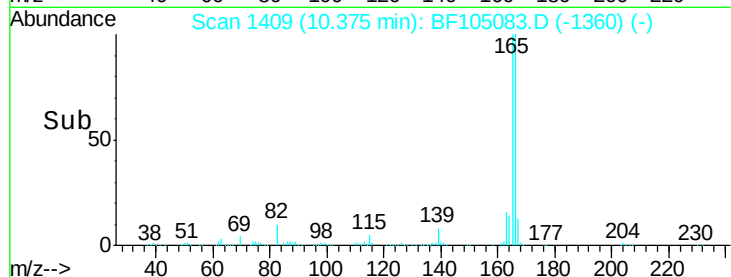
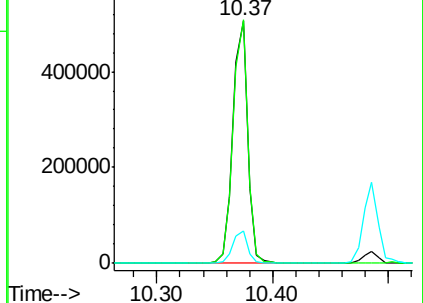
167 13.2 10.6 16.0



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: 33.657 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Tgt Ion:232 Resp: 112561

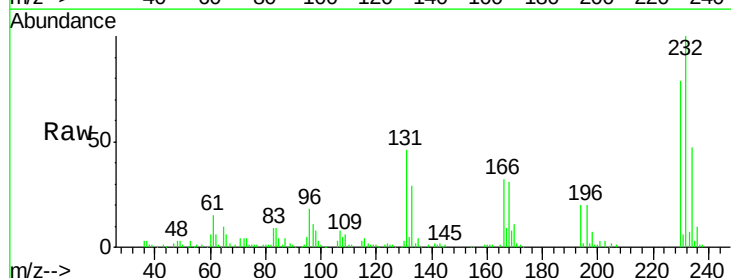
Ion Ratio Lower Upper

232 100

131 47.3 43.8 65.8

130 2.3 2.1 3.1

166 31.5 27.8 41.6

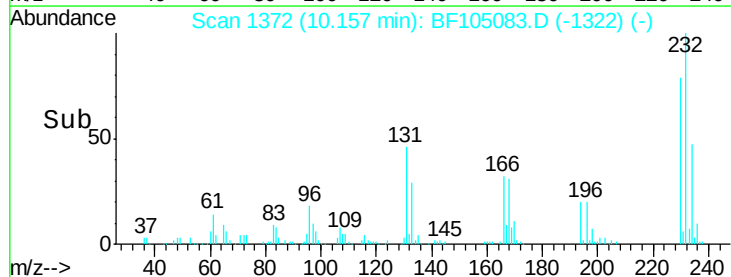
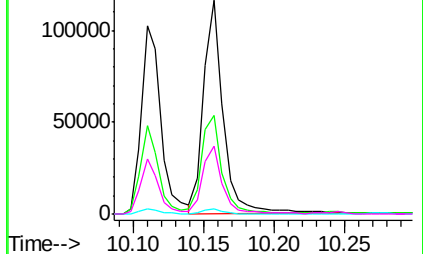


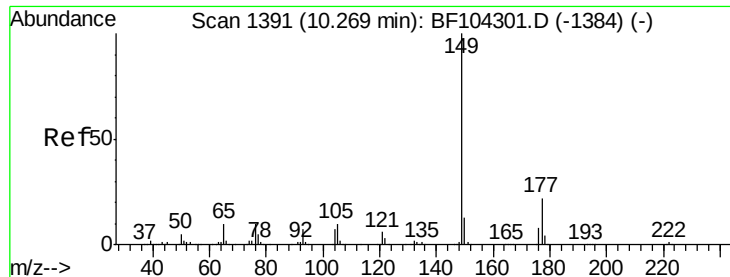
Abundance Ion 232.00 (231.70 to 232.70): E

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

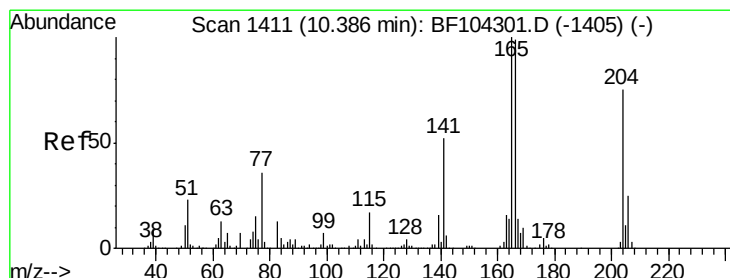
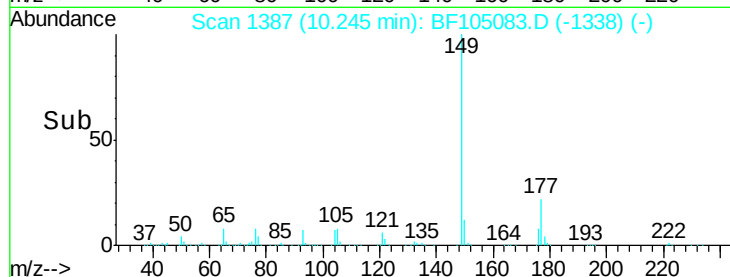
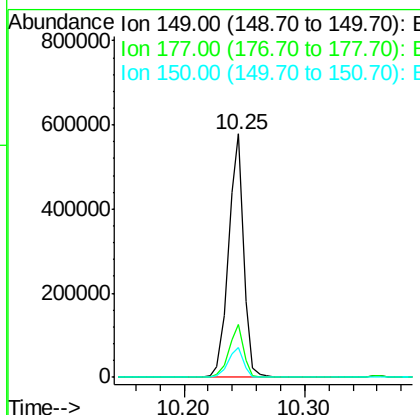
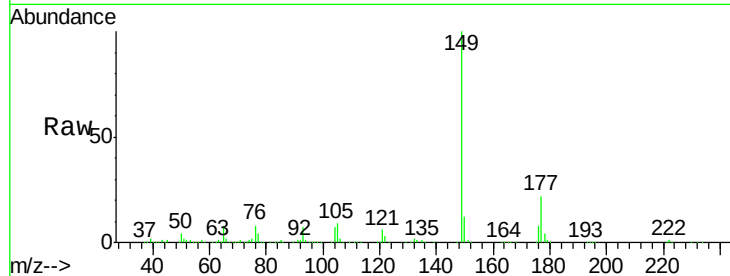




#59
Diethylphthalate
Concen: 31.543 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

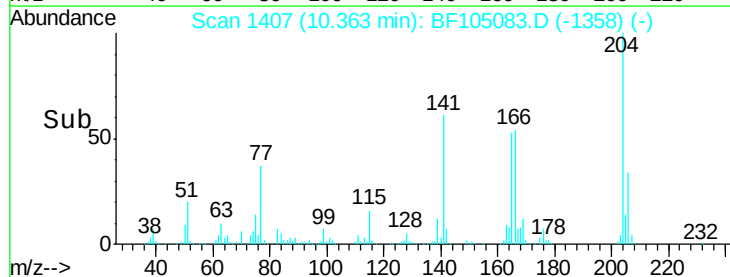
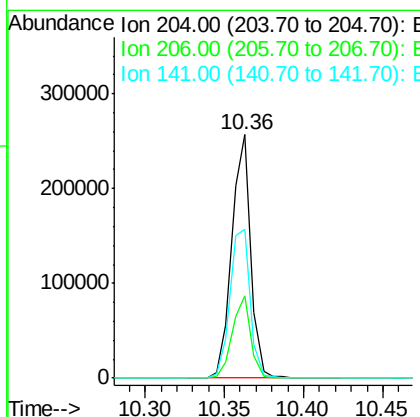
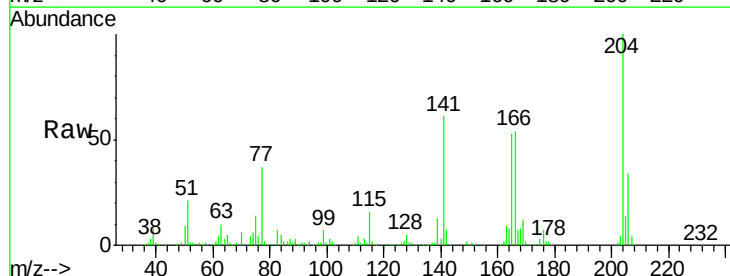
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

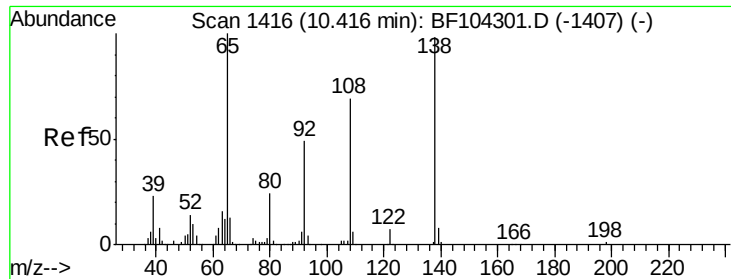
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.814 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	61.3	54.6	81.8

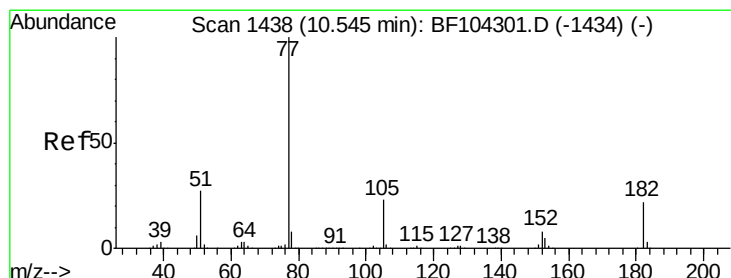
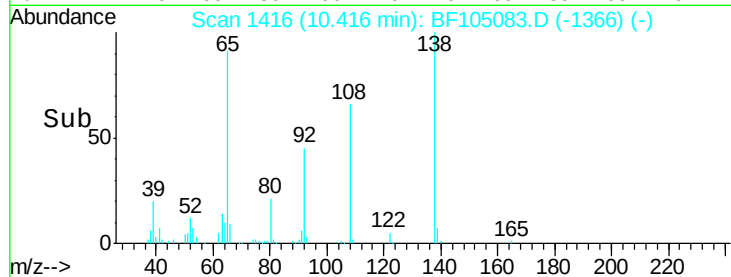
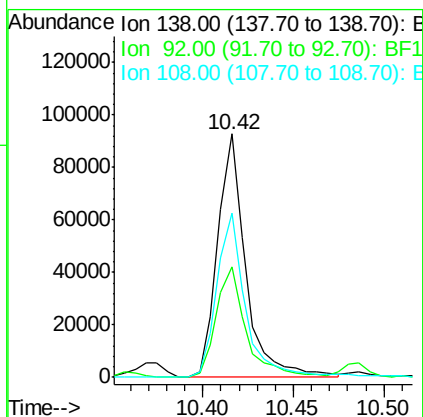
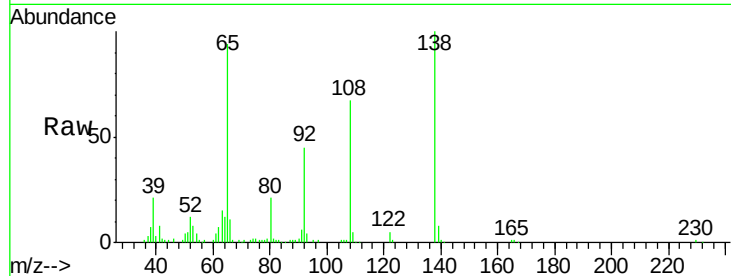




#61
4-Nitroaniline
Concen: 29.828 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

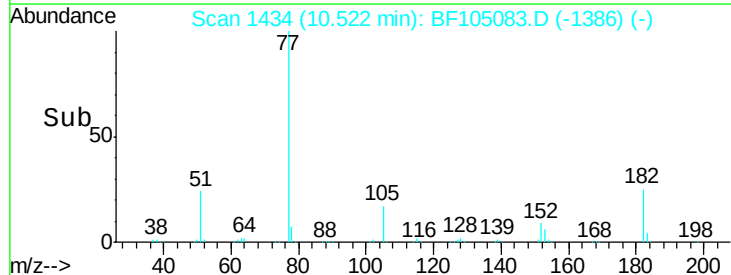
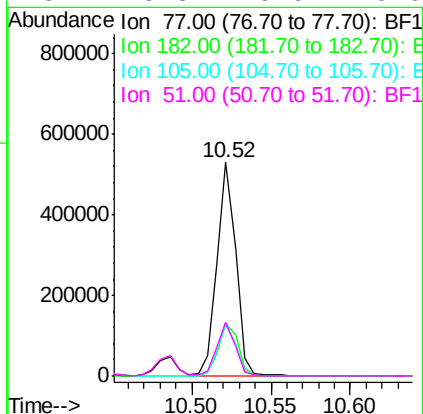
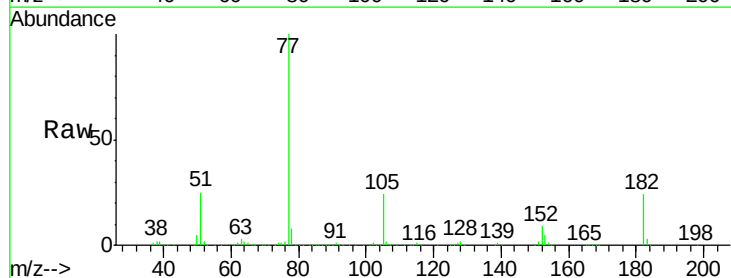
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

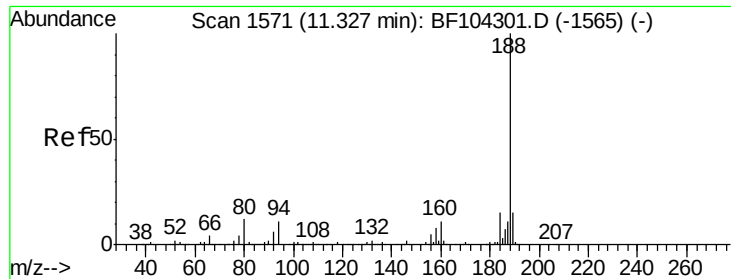
Tot Ion:138 Resp: 100433
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 28.706 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 77 Resp: 434206
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 24.1 3.0 43.0
51 25.3 9.9 49.9

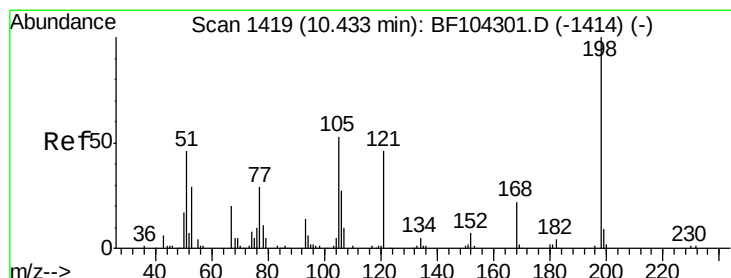
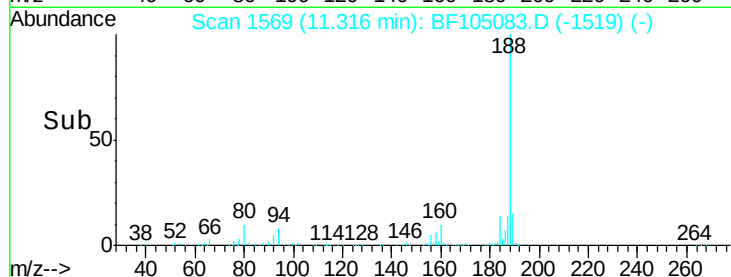
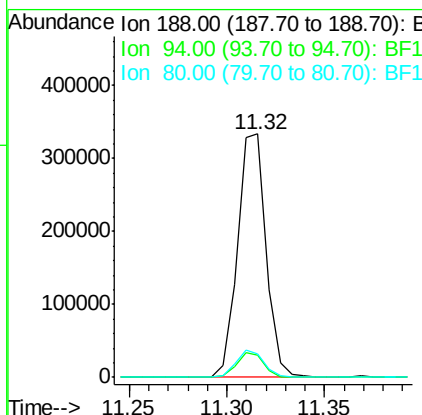
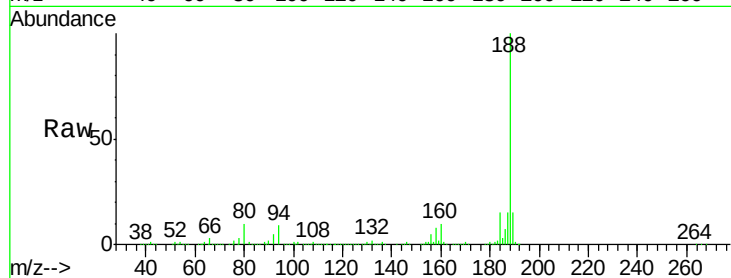




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

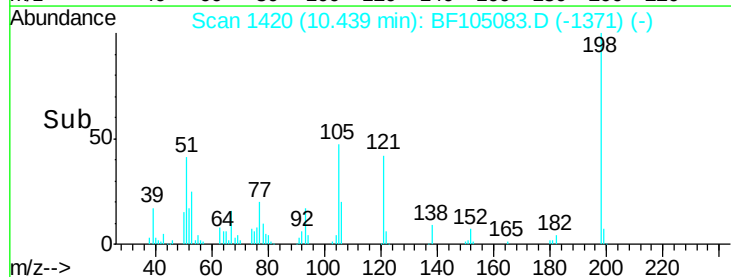
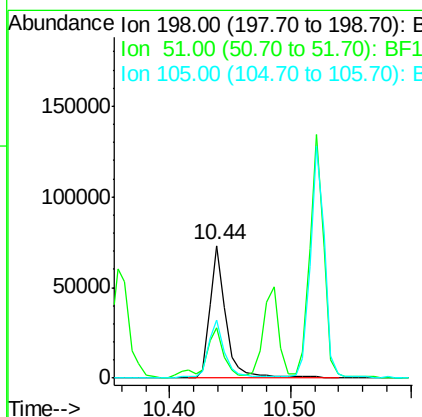
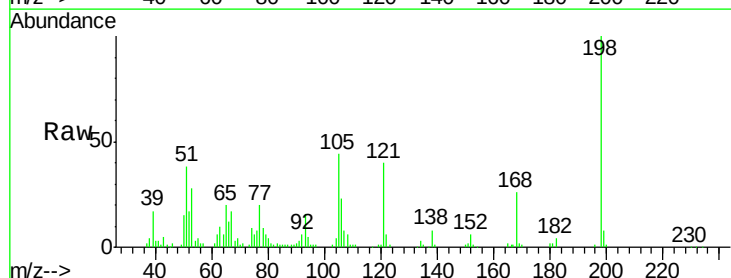
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

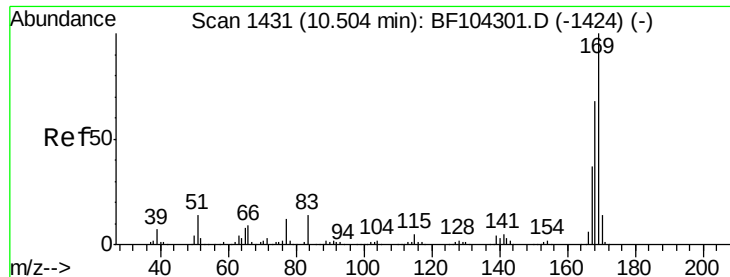
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.699 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.6	37.7	77.7#
105	43.8	36.3	76.3

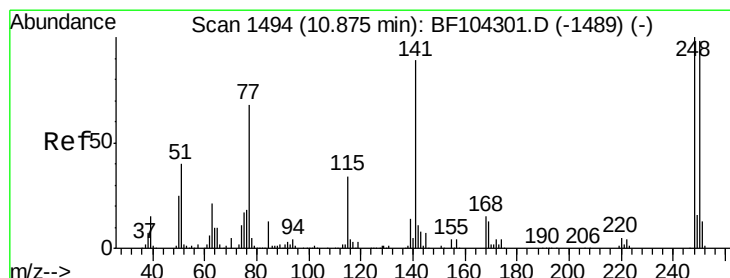
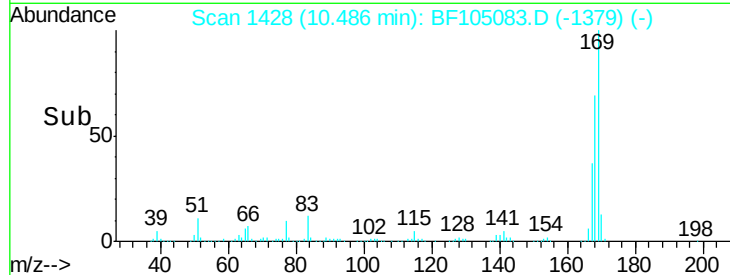
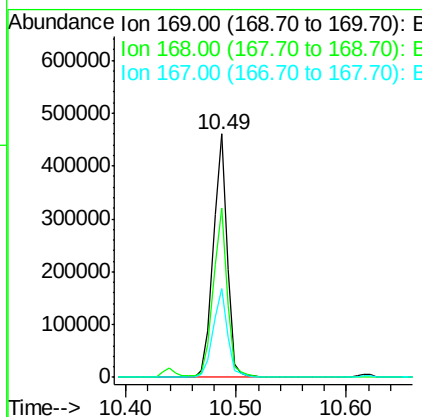
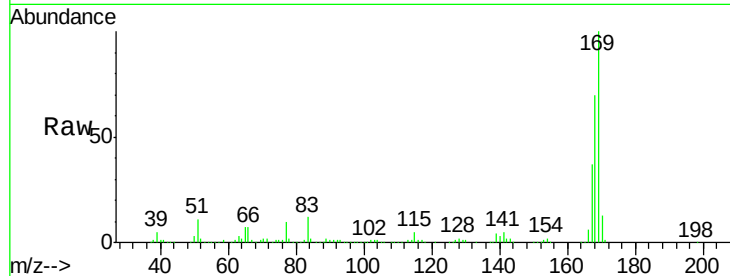




#65
 n-Nitrosodiphenylamine
 Concen: 33.782 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

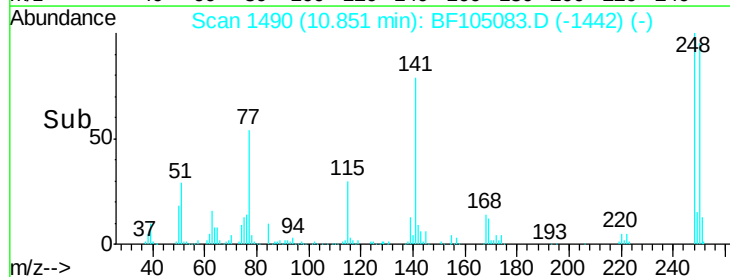
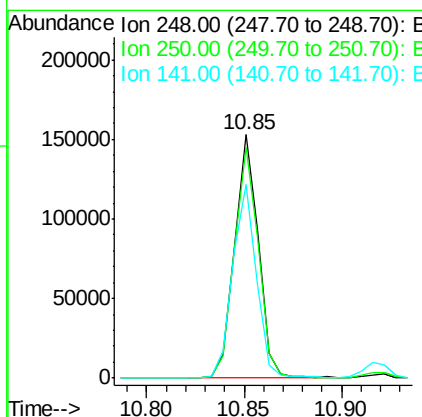
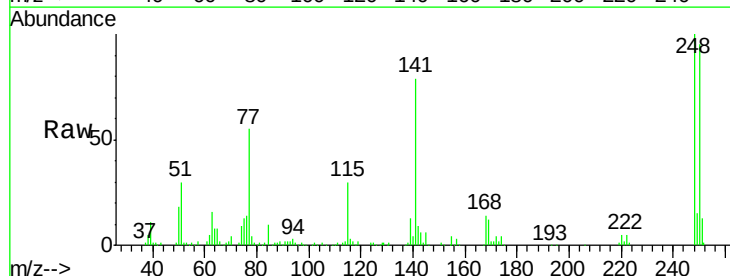
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

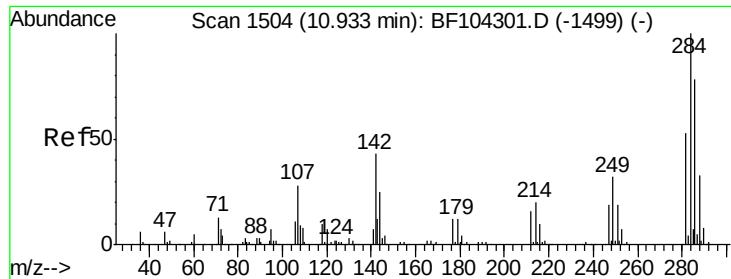
Tot Ion:169 Resp: 394884
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.093 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:248 Resp: 129427
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 79.4 74.4 111.6

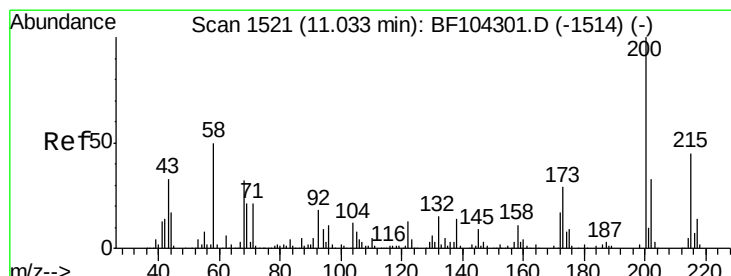
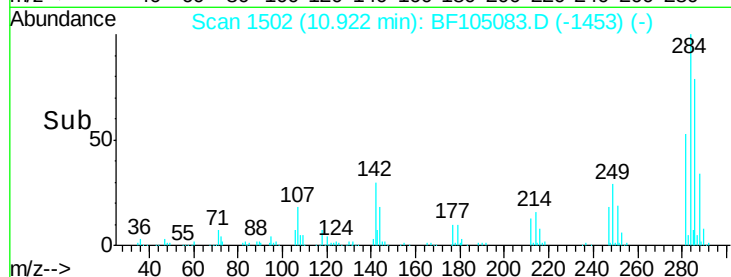
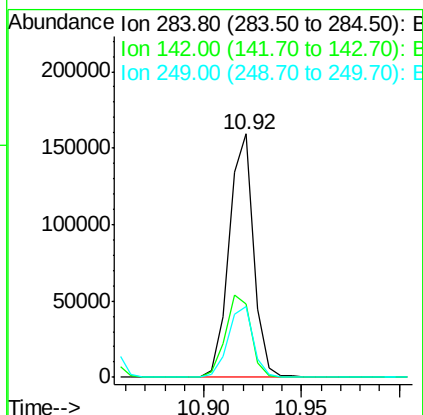
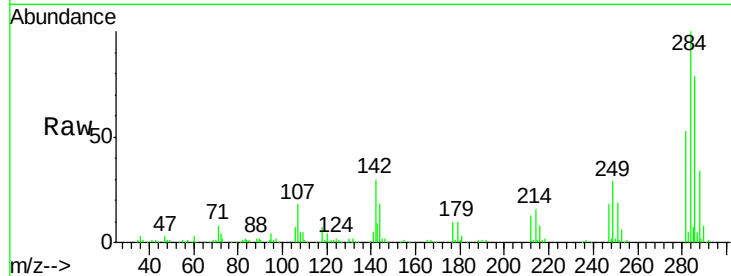




#67
Hexachlorobenzene
Concen: 34.289 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

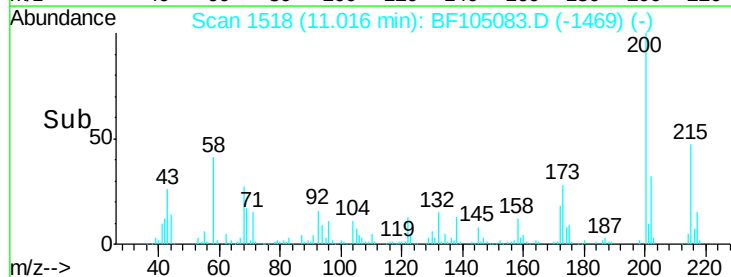
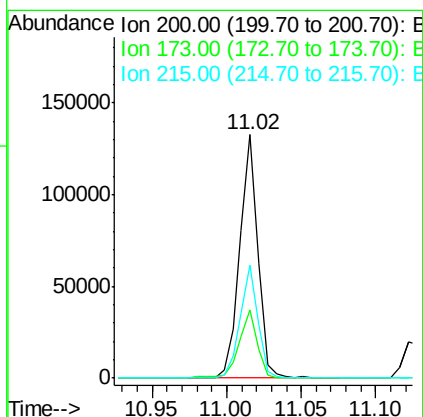
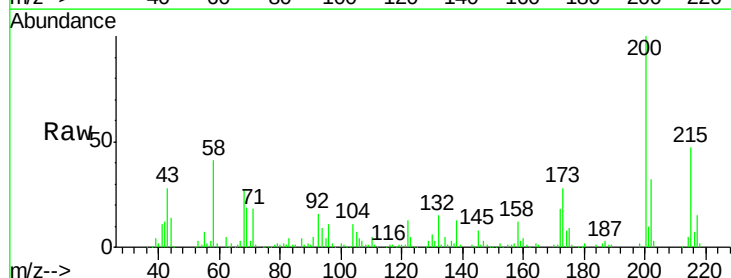
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

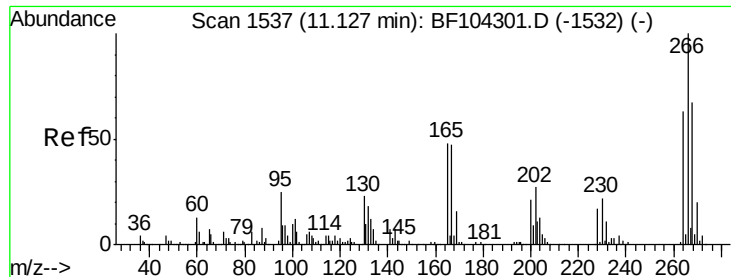
Tot Ion:284 Resp: 138353
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 29.2 24.8 37.2



#68
Atrazine
Concen: 32.002 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:200 Resp: 112911
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 46.5 25.1 65.1

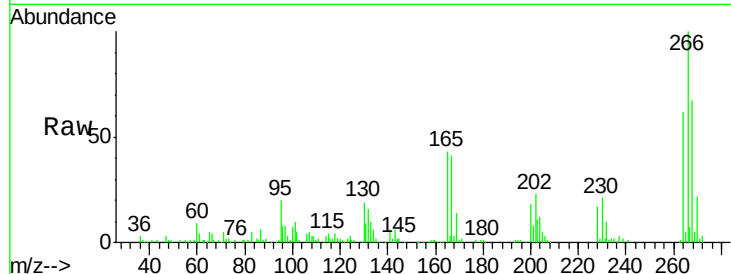




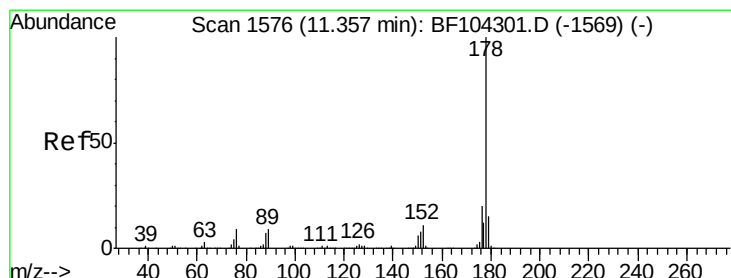
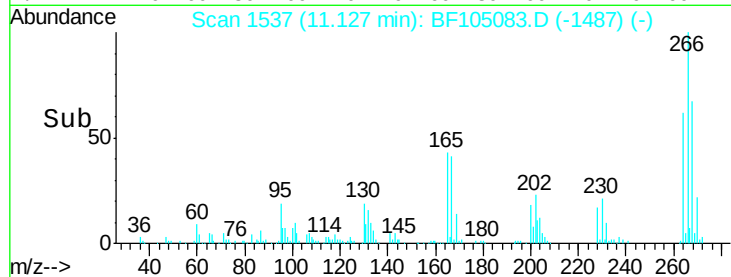
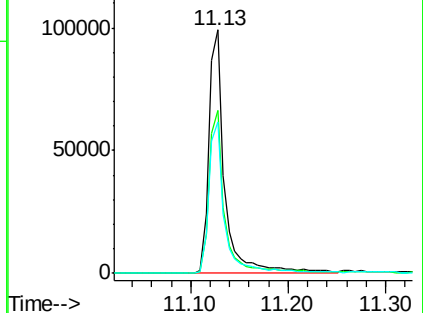
#69
 Pentachlorophenol
 Concen: 44.852 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

Tot Ion:266 Resp: 111960
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 62.1 49.5 74.3

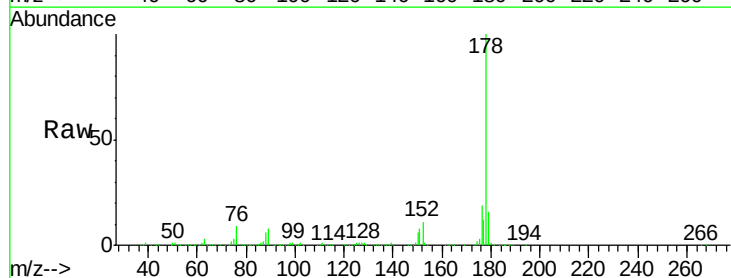


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

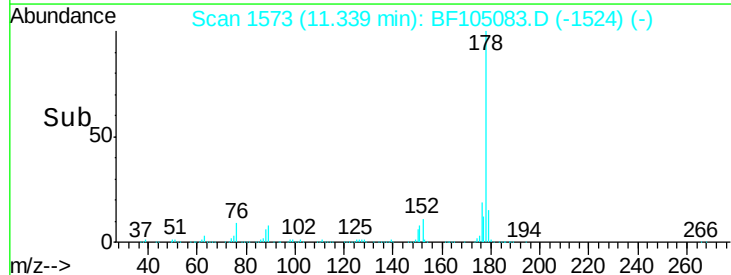
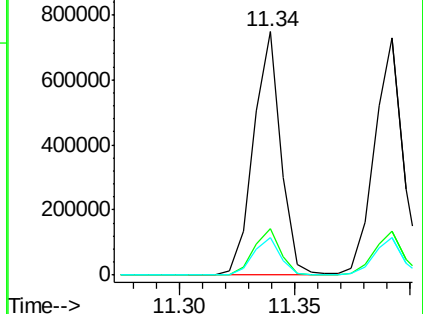


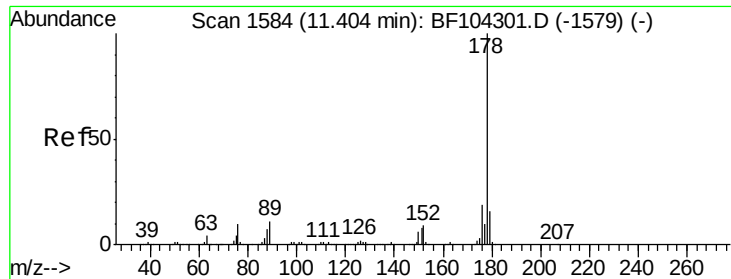
#70
 Phenanthrene
 Concen: 32.954 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:178 Resp: 618687
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 13.0 19.6



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

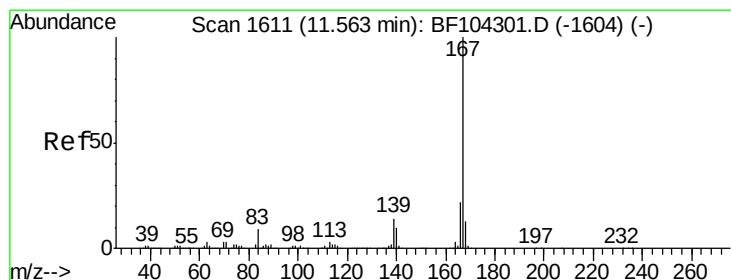
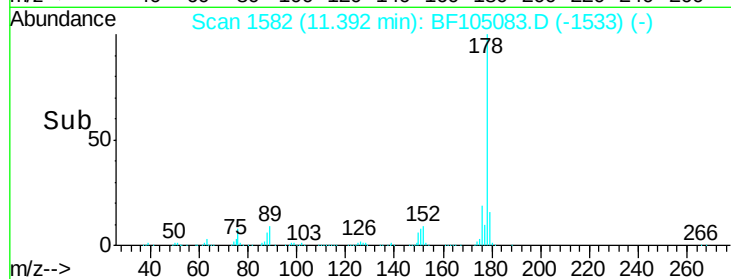
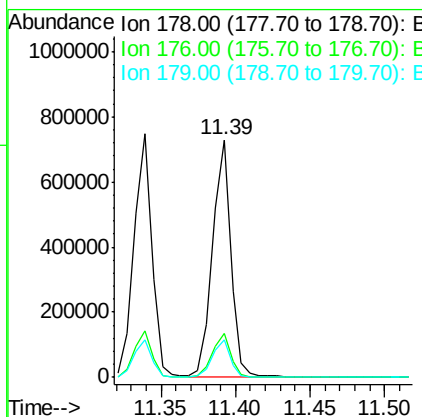
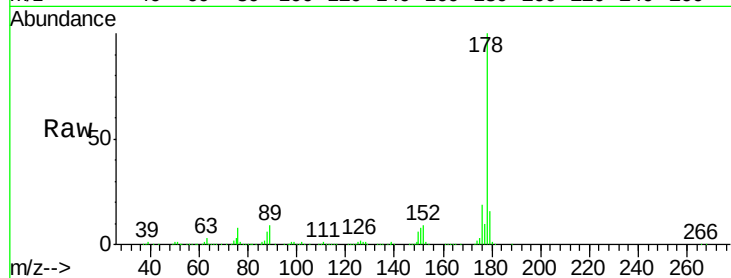




#71
 Anthracene
 Concen: 32.682 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

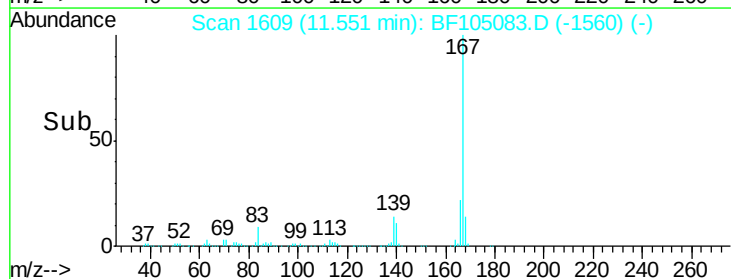
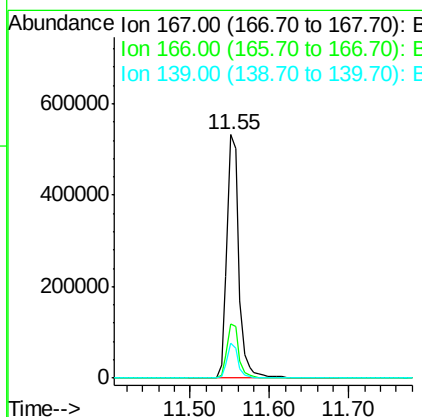
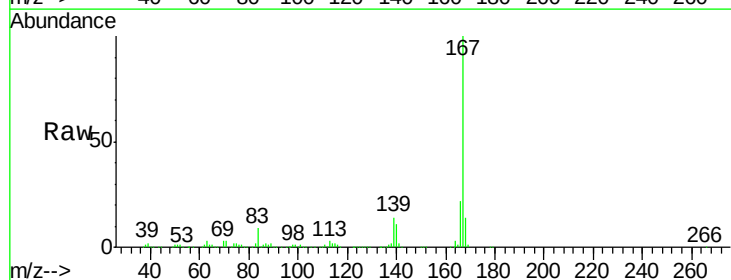
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

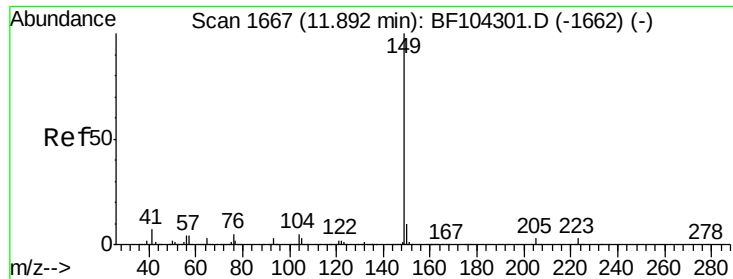
Tot Ion:178 Resp: 623717
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 30.001 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:167 Resp: 559476
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.557 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

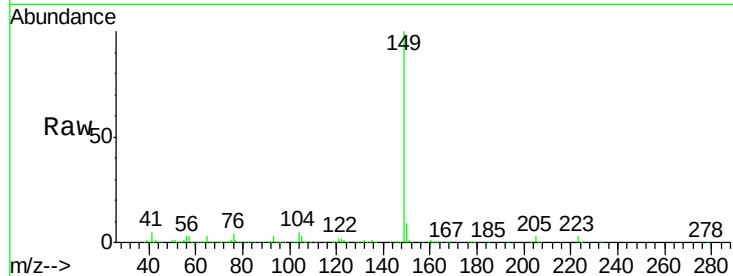
Tot Ion:149 Resp: 741673

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

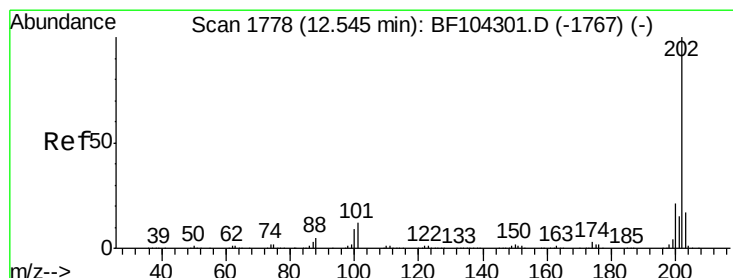
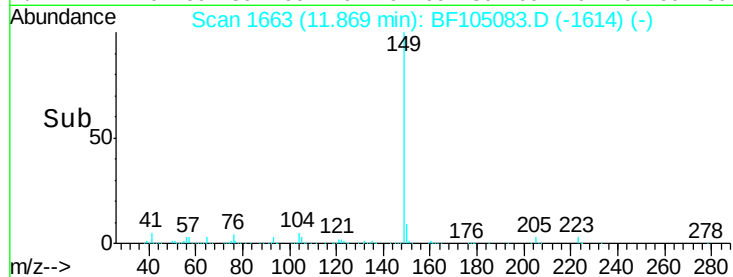
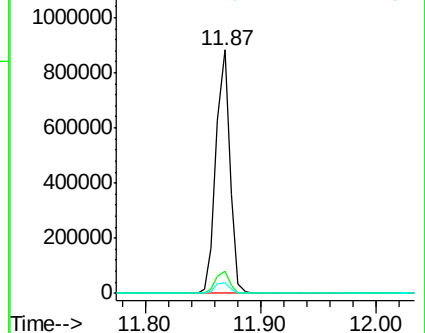
104 4.6 3.8 5.8



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: 30.262 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

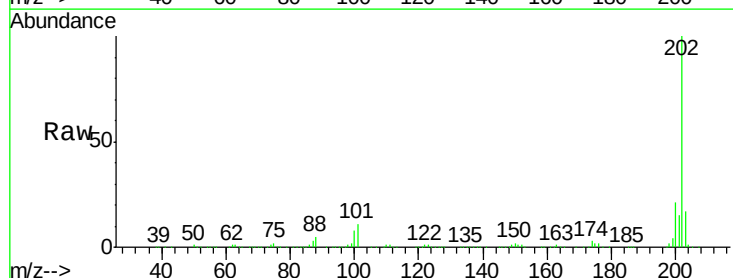
Tgt Ion:202 Resp: 593598

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

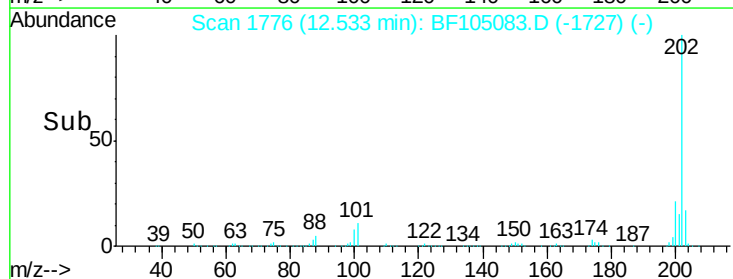
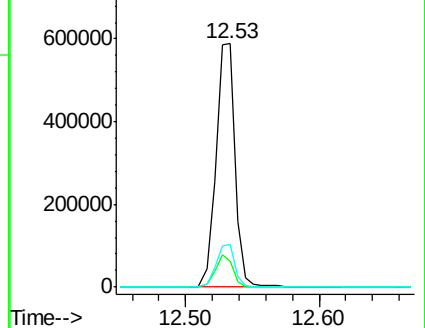
203 17.4 0.0 38.1

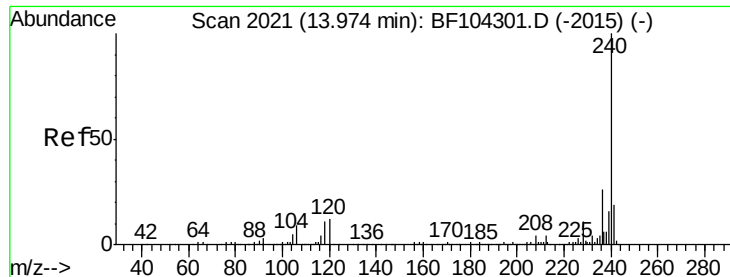


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2024

Delta R.T. -0.04 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667MS

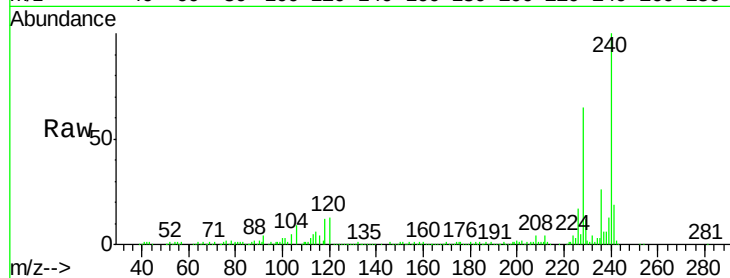
Tot Ion:240 Resp: 199113

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

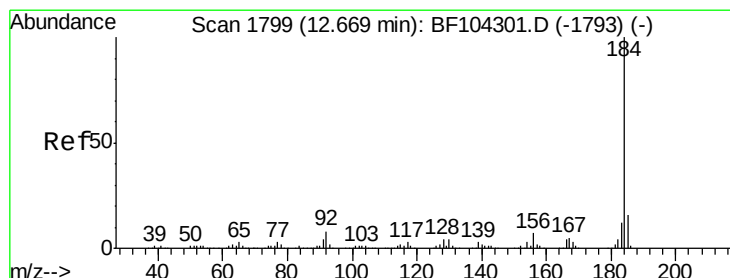
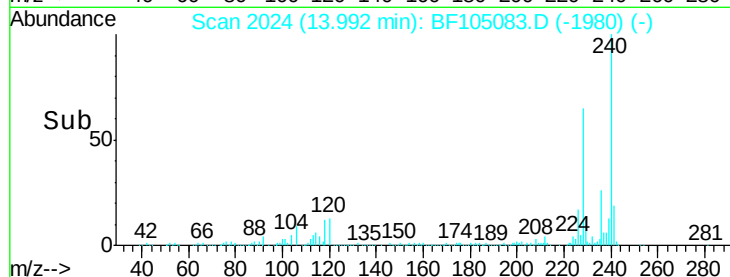
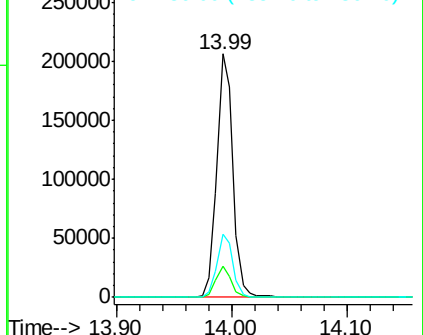
236 26.1 20.7 31.1



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: 6.081 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

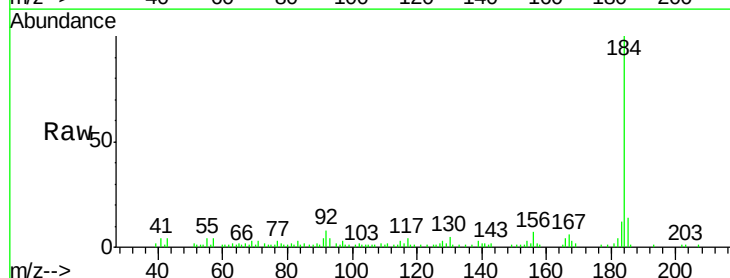
Tgt Ion:184 Resp: 70263

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

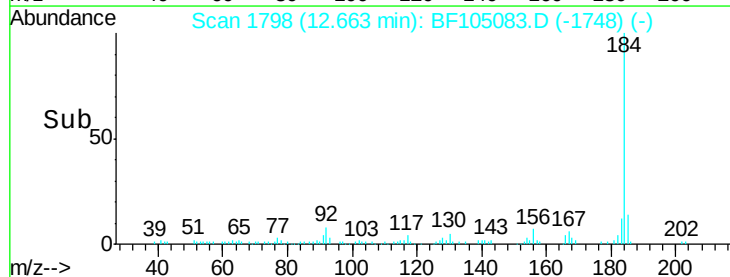
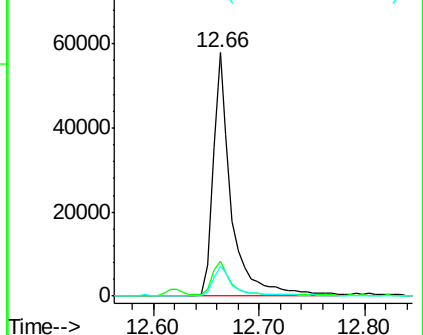
183 12.1 9.3 13.9

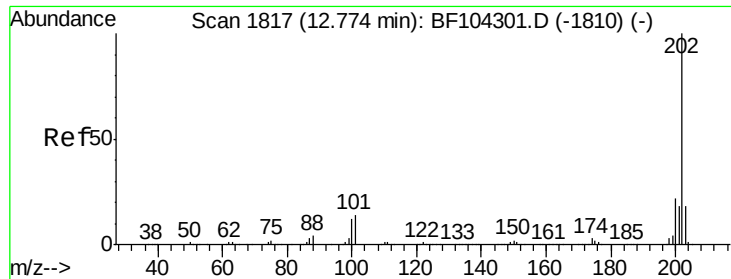


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

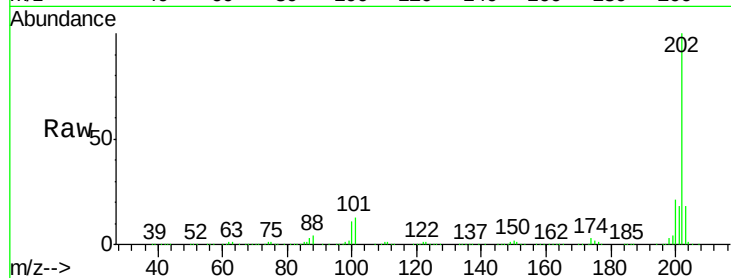




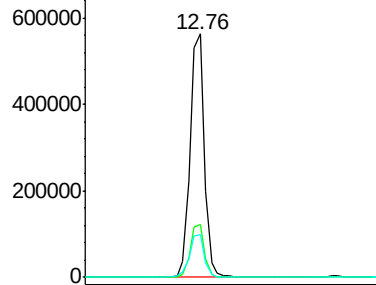
#77
Pvrene
Concen: 38.809 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

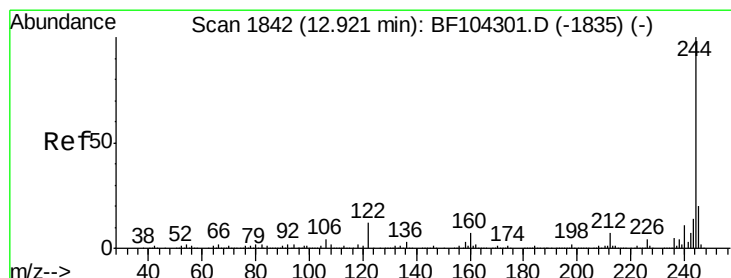
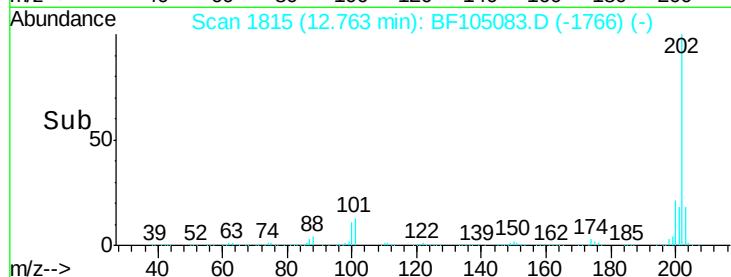
Tot Ion:202 Resp: 572777
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

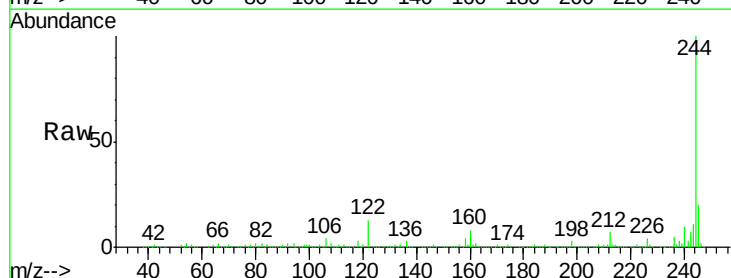


Time-->

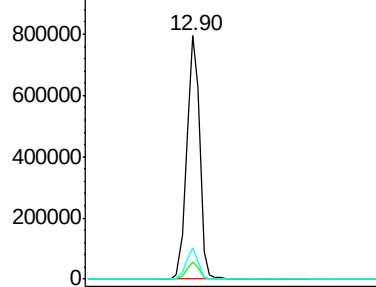


#78
Terphenyl-d14
Concen: 88.861 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

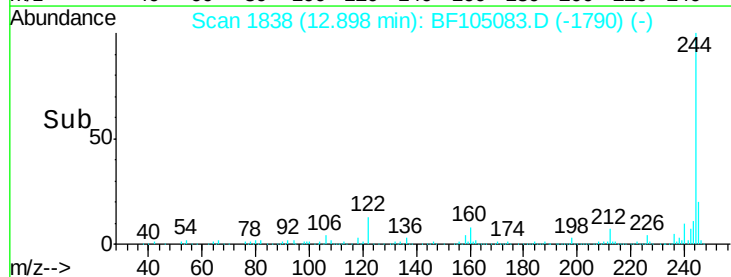
Tgt Ion:244 Resp: 776086
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.9 11.0 16.4

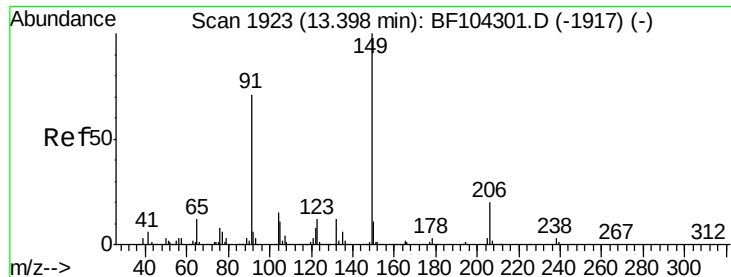


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

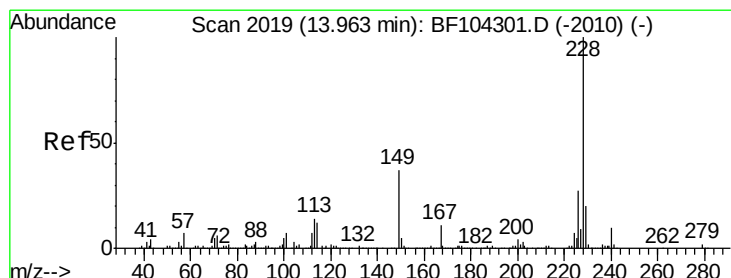
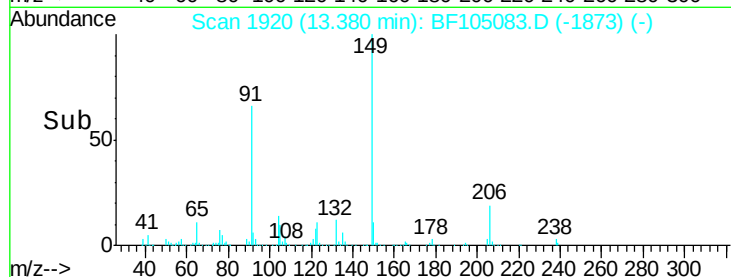
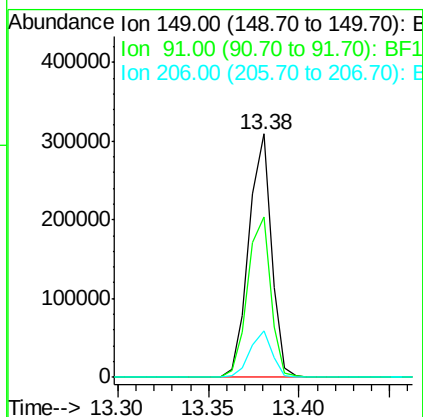
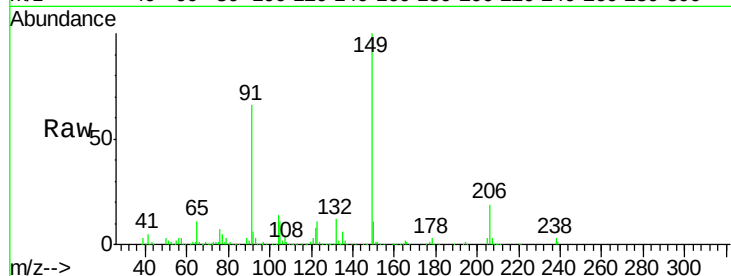




#79
Butylbenzylphthalate
Concen: 38.458 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

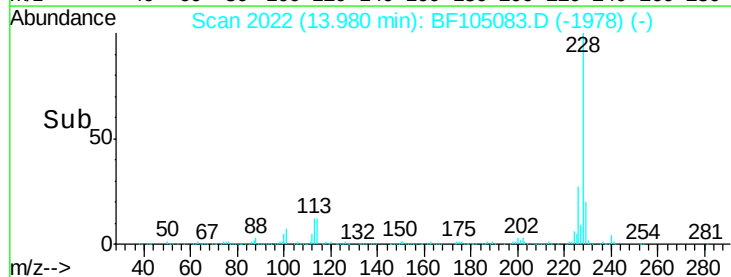
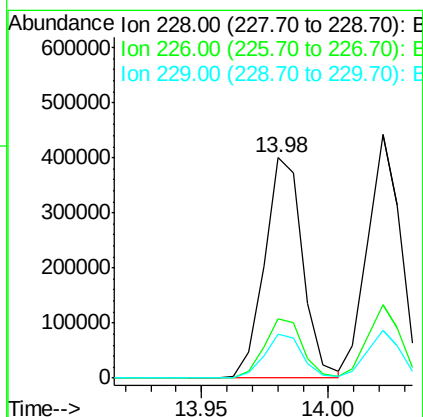
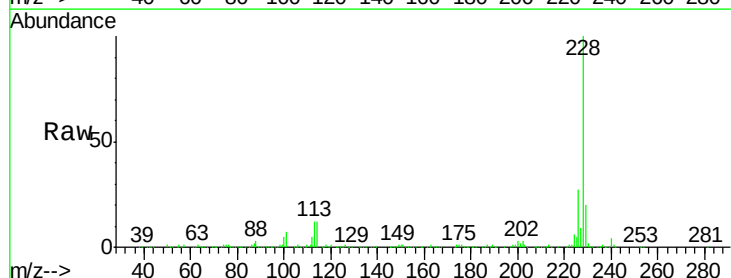
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

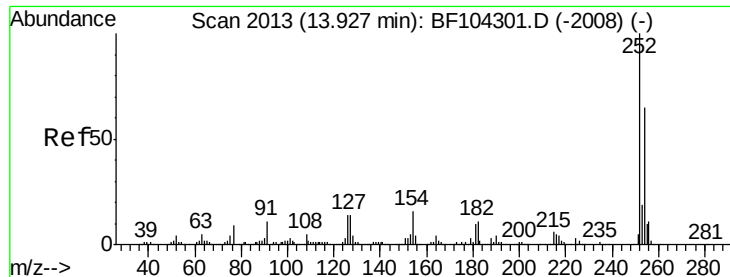
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 35.664 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	15.8	23.6

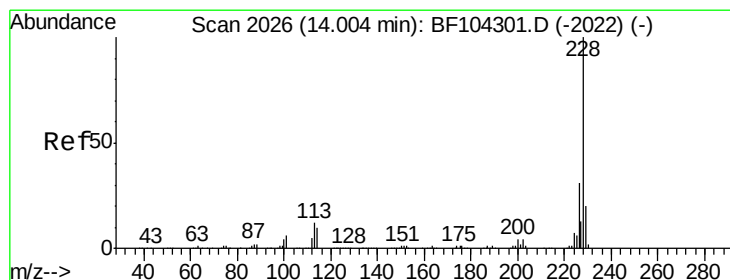
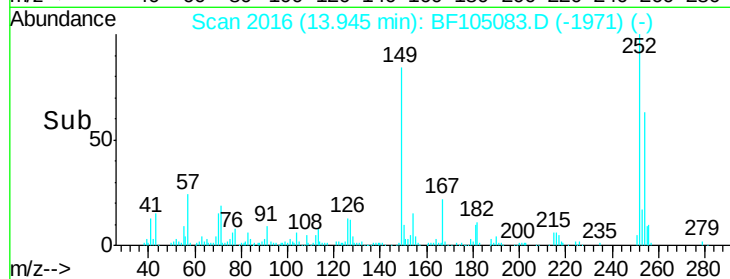
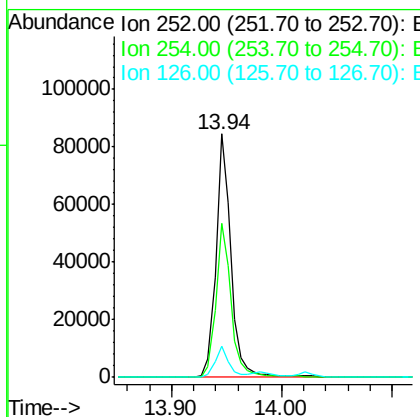
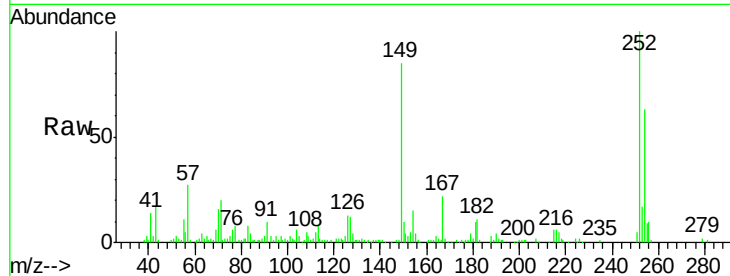




#81
 3,3'-Dichlorobenzidine
 Concen: 18.043 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

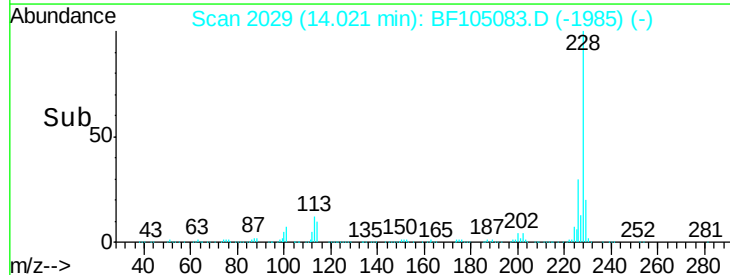
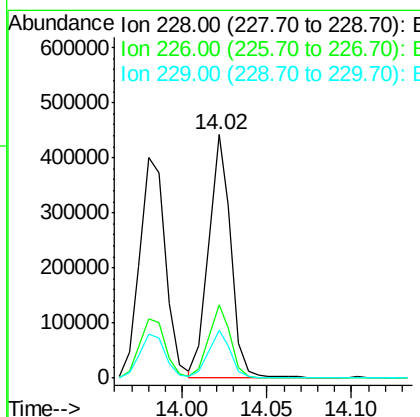
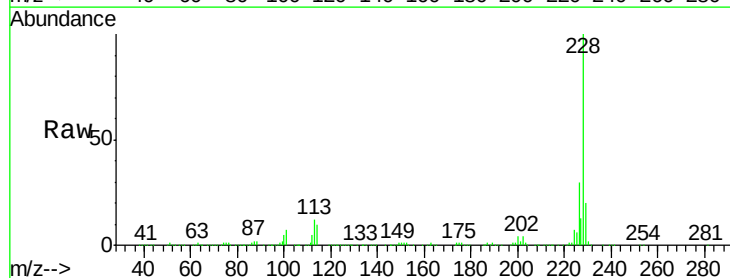
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

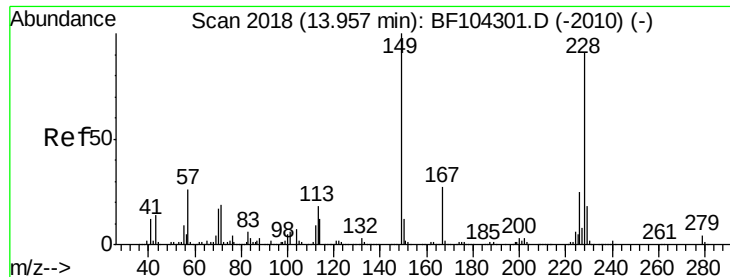
Tot Ion:252 Resp: 80023
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 33.235 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.04 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:228 Resp: 406069
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.5 16.2 24.4

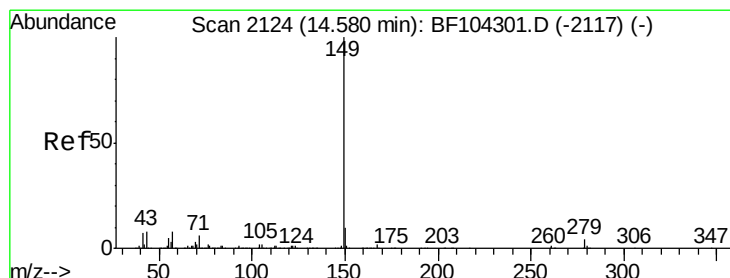
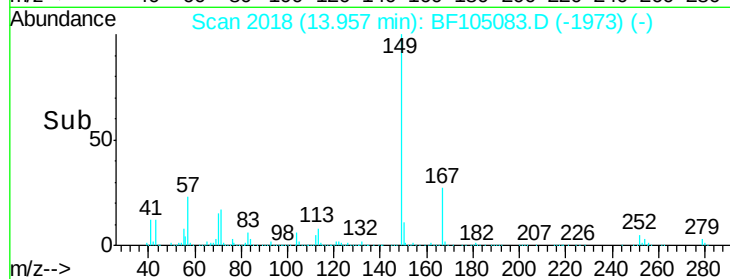
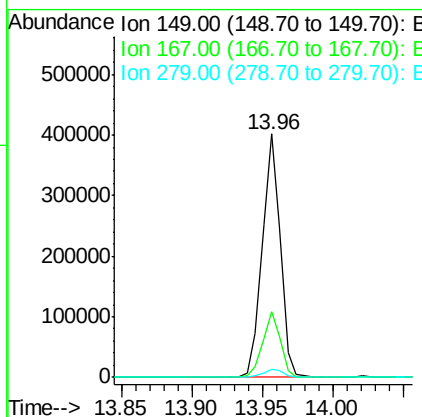
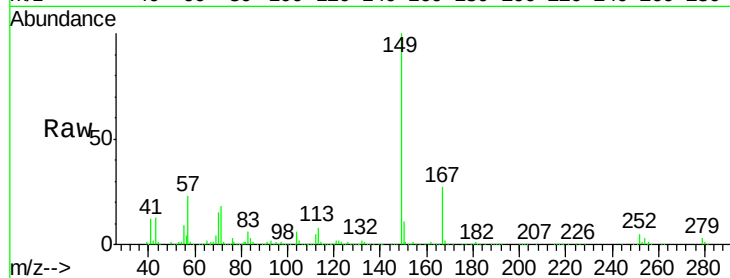




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.684 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.04 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

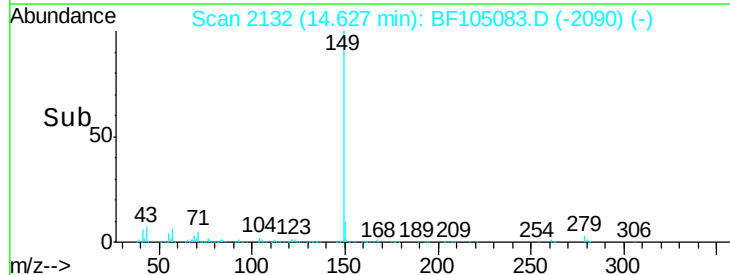
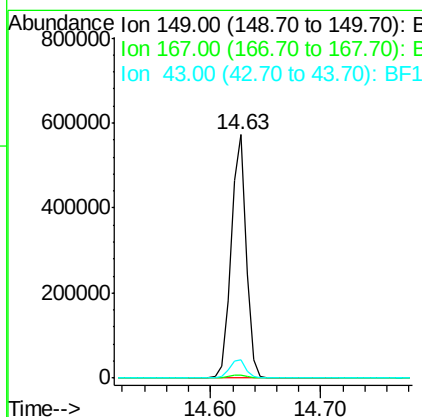
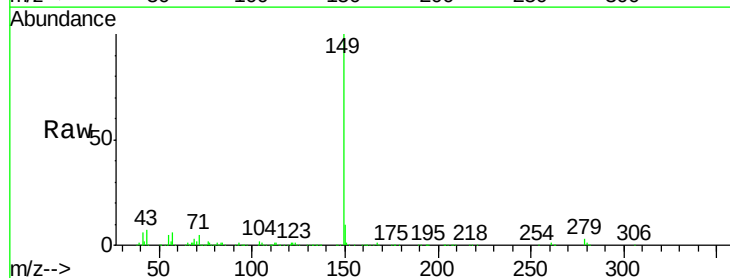
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

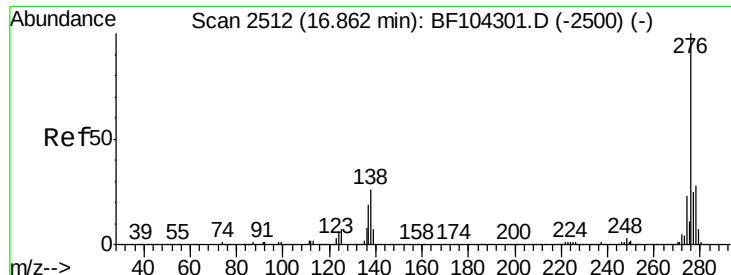
Tot Ion:	149	Resp:	363857
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 36.654 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.05 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:	149	Resp:	547753
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	8.4	12.6#

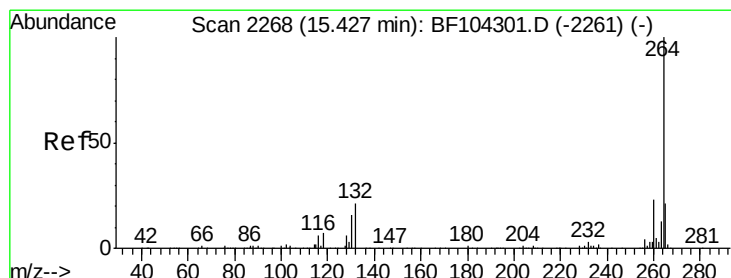
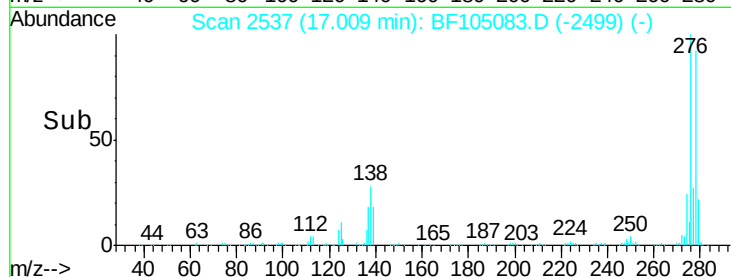
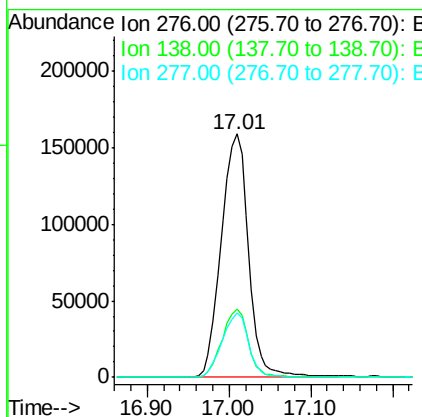
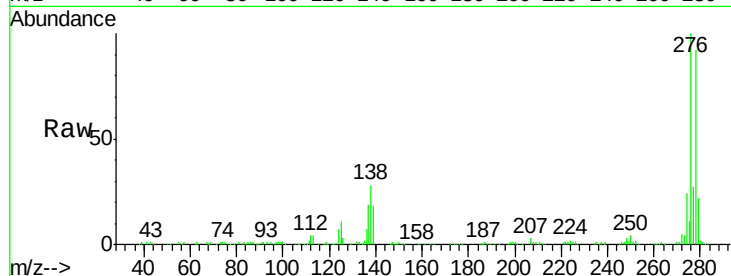




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.872 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.08 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

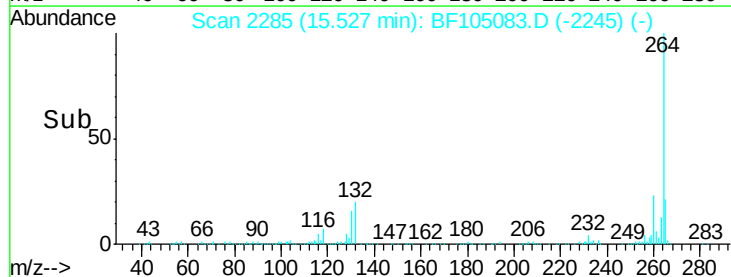
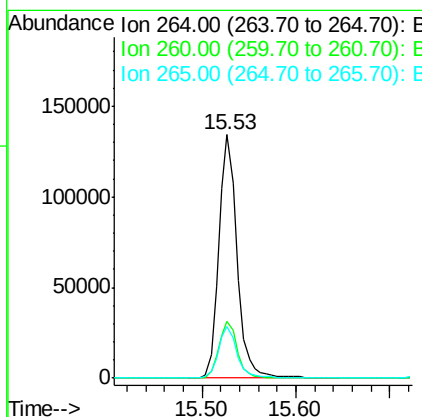
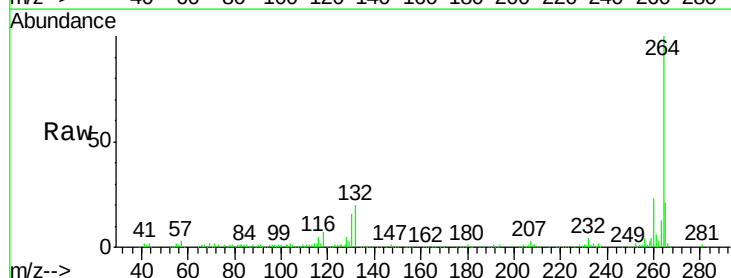
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

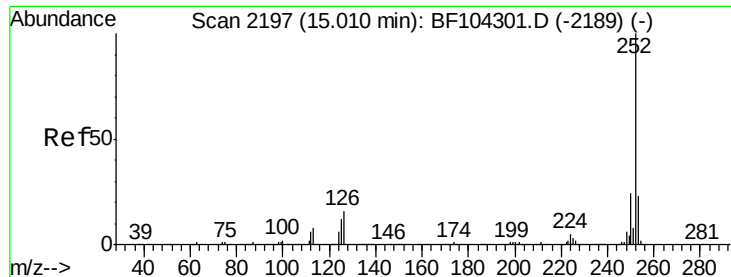
Tot Ion:276 Resp: 372324
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.06 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:264 Resp: 182835
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.5 26.3

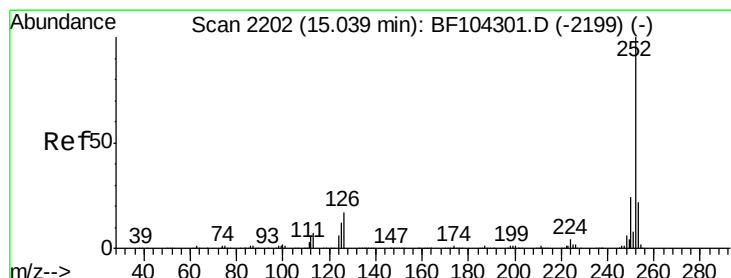
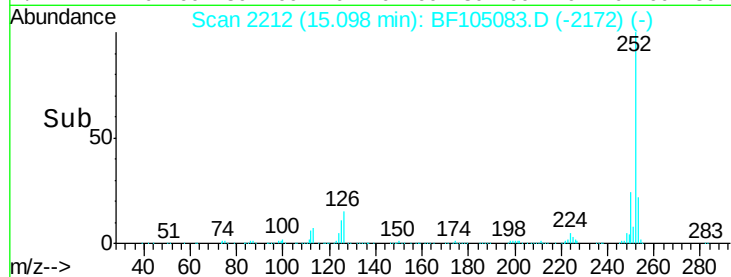
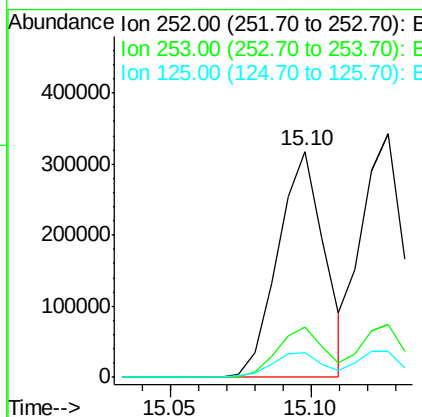
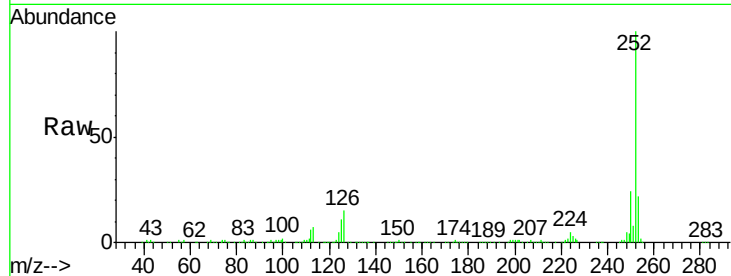




#87
Benzo(b)fluoranthene
Concen: 31.643 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.06 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

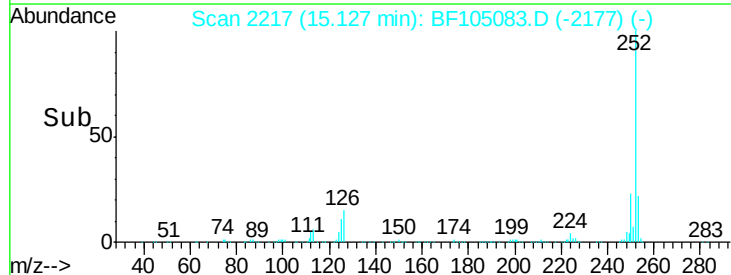
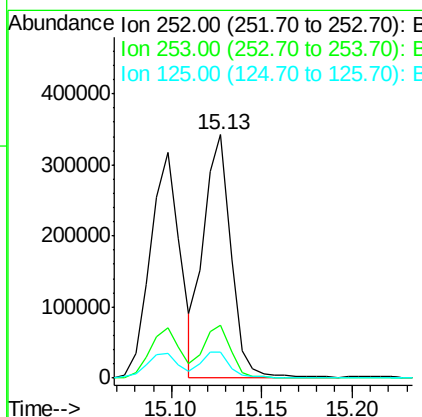
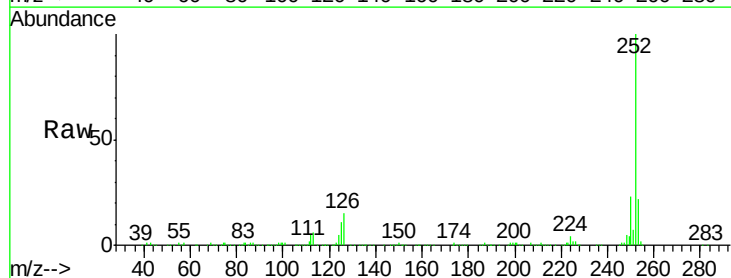
Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667MS

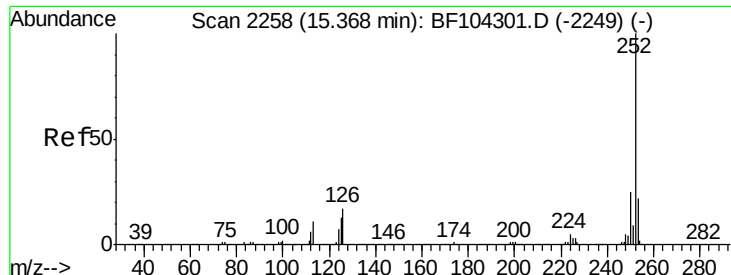
Tot Ion:252 Resp: 365395
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.841 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.06 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:252 Resp: 358032
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.516 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.06 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

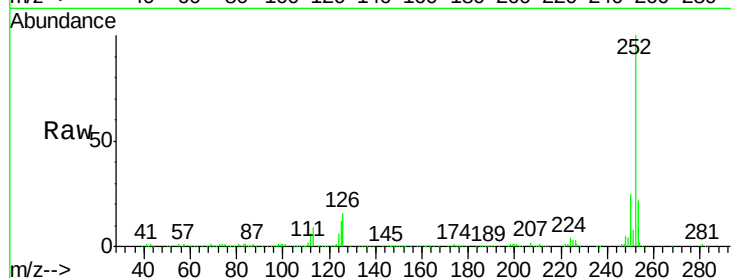
Instrument :

BNA_F

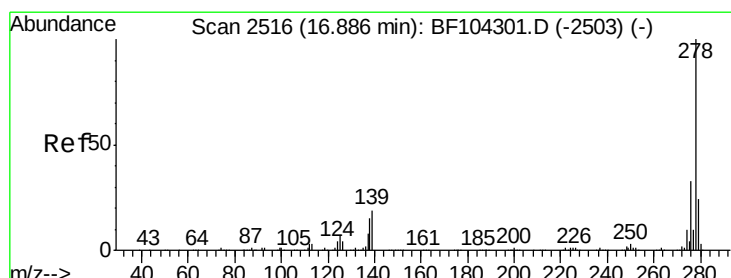
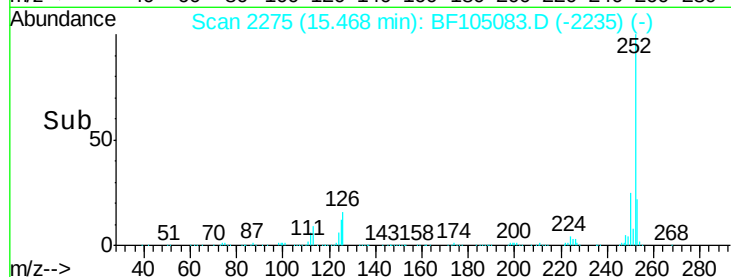
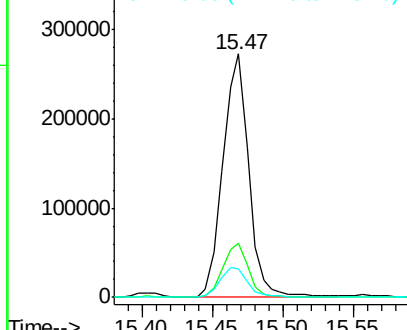
ClientSampleId :

285-147-7212002-RB26667MS

Tot Ion:252	Resp:	346293
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.1 25.7
125	11.8	9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 37.222 ng

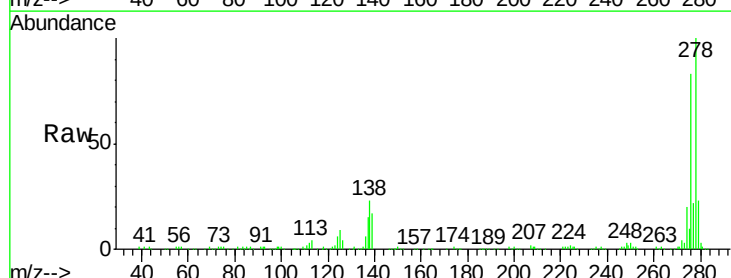
RT: 17.02 min Scan# 2538

Delta R.T. -0.08 min

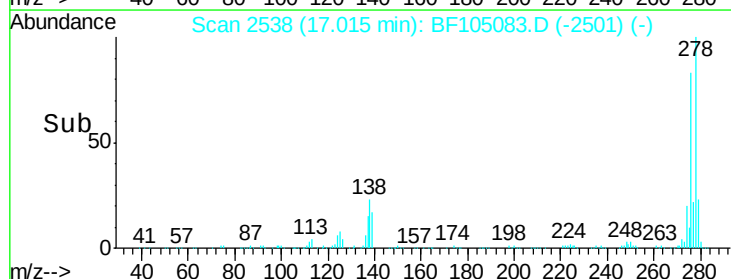
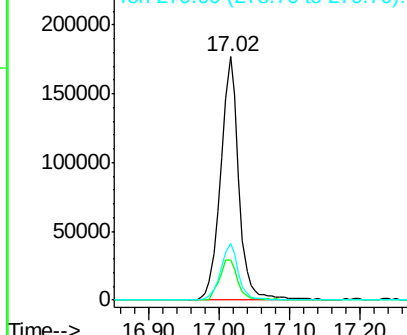
Lab File: BF105083.D

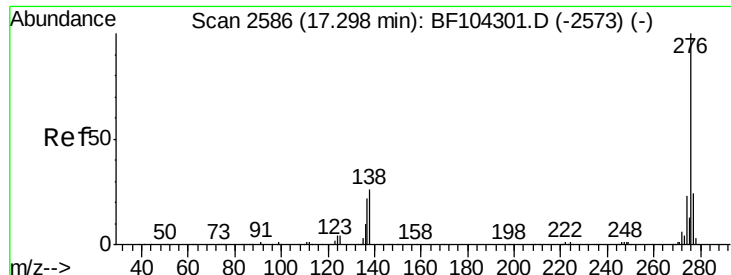
Acq: 3 May 2018 20:04

Tgt Ion:278	Resp:	315863
Ion Ratio	Lower	Upper
278	100	
139	16.7	15.9 23.9
279	23.3	19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 37.091 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.08 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	23.0	21.8	32.8

