

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104656.D
 Acq On : 20 Apr 2018 3:47
 Operator : JU/SJ
 Sample : PB108328BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 04:51:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139523	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561101	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240097	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	379406	20.00	ng	0.00
75) Chrysene-d12	13.98	240	268940	20.00	ng	0.00
86) Perylene-d12	15.44	264	249877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	681965	74.74	ng	0.01
7) Phenol-d6	6.45	99	839070	74.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	758133	88.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	192426	77.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1272629	83.73	ng	0.00
78) Terphenyl-d14	12.92	244	999396	84.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	139474	32.804	ng	# 88
3) Pyridine	3.32	79	399482	33.418	ng	# 85
4) n-Nitrosodimethylamine	3.28	42	153496	36.733	ng	# 72
6) Aniline	6.47	93	190911	12.257	ng	97
8) 2-Chlorophenol	6.59	128	379769	39.432	ng	95
9) Benzaldehyde	6.36	77	225286	39.588	ng	94
10) Phenol	6.46	94	447553	37.623	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	352565	37.140	ng	97
12) 1,3-Dichlorobenzene	6.75	146	396610	36.350	ng	98
13) 1,4-Dichlorobenzene	6.82	146	398886	36.675	ng	98
14) 1,2-Dichlorobenzene	6.97	146	370268	36.737	ng	99
15) Benzyl Alcohol	6.95	79	305293	35.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	446324	35.010	ng	84
17) 2-Methylphenol	7.06	107	311499	37.208	ng	96
18) Hexachloroethane	7.32	117	127876	32.976	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	244399	33.360	ng	94
20) 3+4-Methylphenols	7.22	107	372438	35.870	ng	# 75
22) Acetophenone	7.22	105	490591	35.514	ng	99
24) Nitrobenzene	7.39	77	385412	40.625	ng	97
25) Isophorone	7.63	82	700013	38.524	ng	98
26) 2-Nitrophenol	7.70	139	196143	50.785	ng	98
27) 2,4-Dimethylphenol	7.75	122	332508	41.463	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	454247	40.887	ng	99
29) 2,4-Dichlorophenol	7.95	162	306981	40.119	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	313324	37.312	ng	100
31) Naphthalene	8.11	128	1050173	37.587	ng	99
32) Benzoic acid	7.87	122	220911	34.525	ng	97
33) 4-Chloroaniline	8.16	127	70699	5.906	ng	95
34) Hexachlorobutadiene	8.22	225	168870	36.714	ng	99
35) Caprolactam	8.55	113	98698	36.975	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	327435	39.908	ng	98
37) 2-Methylnaphthalene	8.80	142	691127	38.241	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286854	41.737	ng	99
40) Hexachlorocyclopentadiene	8.95	237	103941	27.014	ng	96

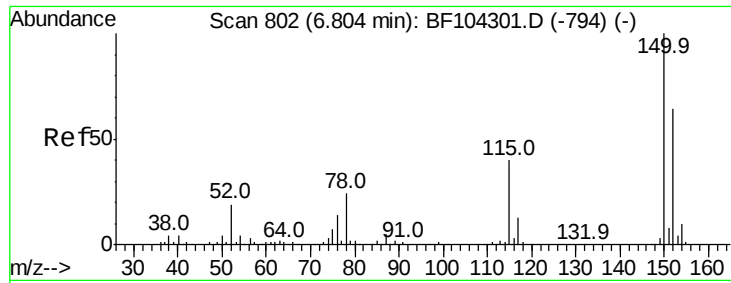
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
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 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	201334	42.199	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	210232	39.376	nq	98
45) 1,1'-Biphenyl	9.27	154	792843	39.308	nq	99
46) 2-Chloronaphthalene	9.29	162	628105	39.425	nq	100
47) 2-Nitroaniline	9.39	65	189526	48.104	nq	98
48) Acenaphthylene	9.71	152	919457	36.784	nq	99
49) Dimethylphthalate	9.57	163	766828	40.501	nq	100
50) 2,6-Dinitrotoluene	9.63	165	162402	46.355	nq	97
51) Acenaphthene	9.88	154	535327	35.101	nq	99
52) 3-Nitroaniline	9.80	138	71287	17.381	nq	100
53) 2,4-Dinitrophenol	9.91	184	62287	52.129	nq	# 22
54) Dibenzofuran	10.05	168	810454	38.132	nq	98
55) 4-Nitrophenol	9.97	139	247116	76.700	nq	96
56) 2,4-Dinitrotoluene	10.04	165	200999	43.738	nq	95
57) Fluorene	10.40	166	607611	39.276	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	157820	39.622	nq	95
59) Diethylphthalate	10.27	149	717125	38.031	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	286440	41.576	nq	97
61) 4-Nitroaniline	10.42	138	141870	35.376	nq	97
62) Azobenzene	10.55	77	656453	36.439	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	48109	29.398	nq	85
65) n-Nitrosodiphenylamine	10.50	169	567730	43.157	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	176410	43.713	nq	95
67) Hexachlorobenzene	10.94	284	186088	40.980	nq	96
68) Atrazine	11.03	200	180287	45.403	nq	99
69) Pentachlorophenol	11.14	266	172210	61.300	nq	98
70) Phenanthrene	11.36	178	823295	38.965	nq	99
71) Anthracene	11.41	178	839857	39.104	nq	100
72) Carbazole	11.57	167	764130	36.409	nq	100
73) Di-n-butylphthalate	11.89	149	1040606	40.589	nq	99
74) Fluoranthene	12.54	202	772684	35.002	nq	100
76) Benzidine	12.67	184	383540	42.944	nq	98
77) Pyrene	12.78	202	755362	37.892	nq	99
79) Butylbenzylphthalate	13.39	149	366754	39.051	nq	99
80) Benzo(a)anthracene	13.97	228	661201	41.153	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	215364	35.951	nq	99
82) Chrysene	14.00	228	634396	38.441	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	503684	41.696	nq	99
84) Di-n-octyl phthalate	14.57	149	823189	40.783	nq	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	571215	40.746	nq	98
87) Benzo(b)fluoranthene	15.02	252	621395	39.374	nq	98
88) Benzo(k)fluoranthene	15.04	252	609002	40.874	nq	99
89) Benzo(a)pyrene	15.38	252	577749	40.915	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	481316	41.502	nq	98
91) Benzo(g,h,i)perylene	17.33	276	449798	40.032	nq	95

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

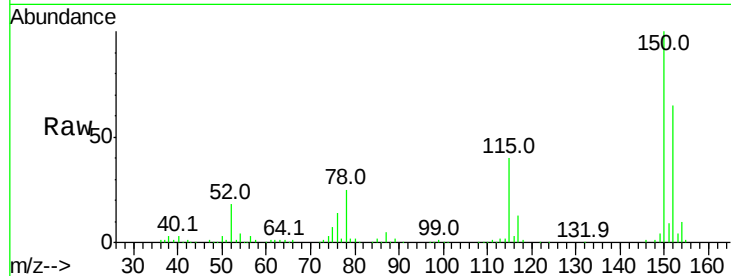


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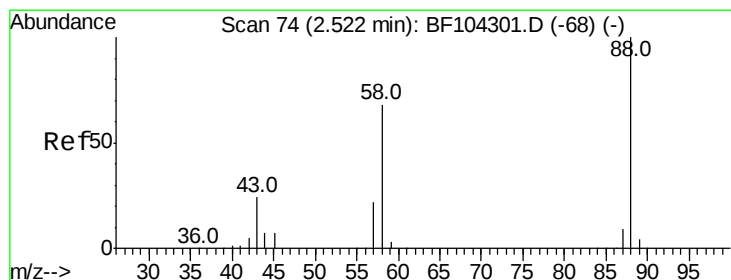
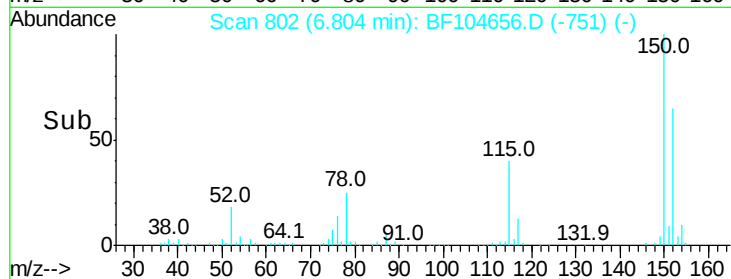
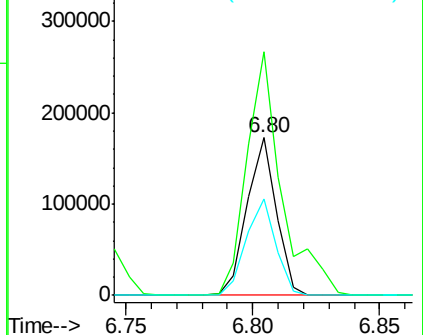
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139523
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.5 50.1 75.1



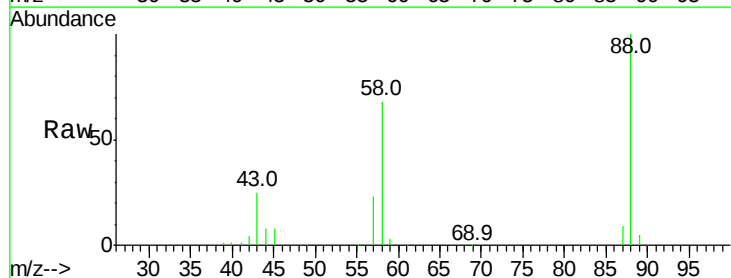
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



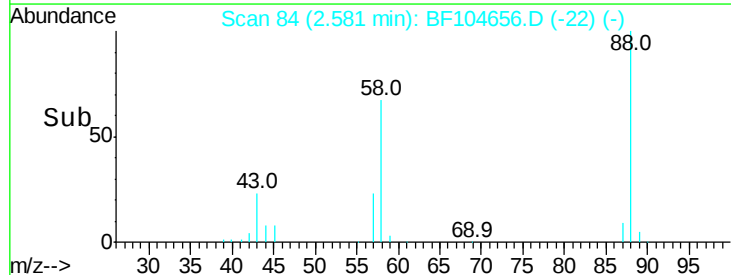
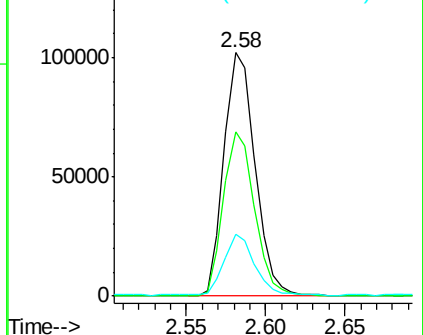
#2

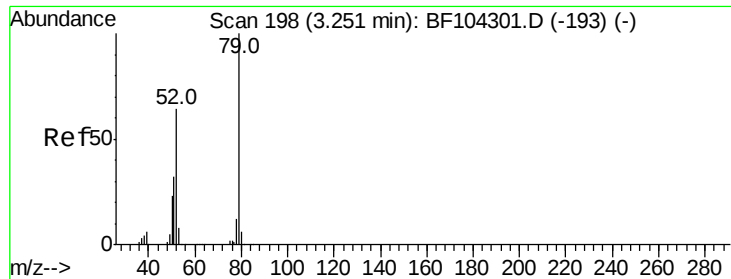
1,4-Dioxane
Concen: 32.804 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion: 88 Resp: 139474
Ion Ratio Lower Upper
88 100
58 67.8 62.6 93.8
43 24.5 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: 33.418 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

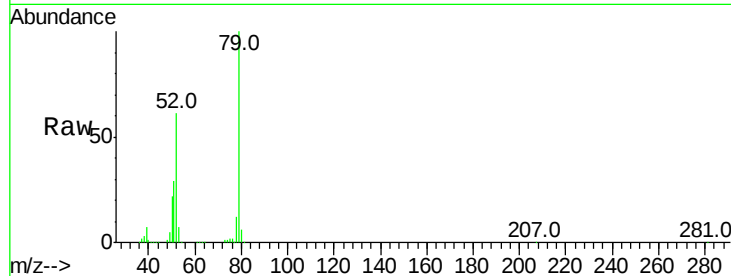
Tot Ion: 79 Resp: 399482

Ion Ratio Lower Upper

79 100

52 61.5 59.8 89.6

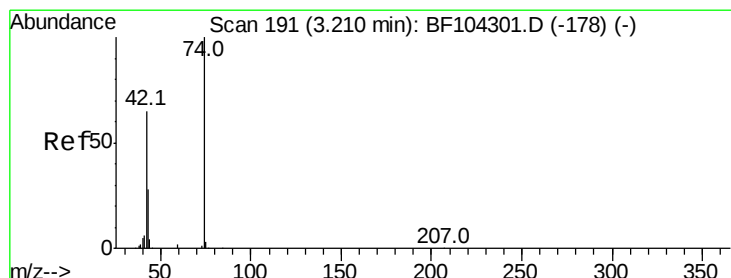
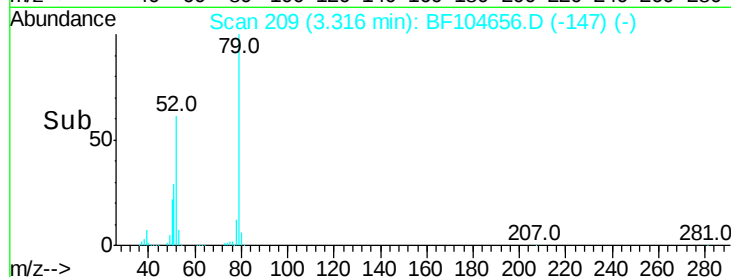
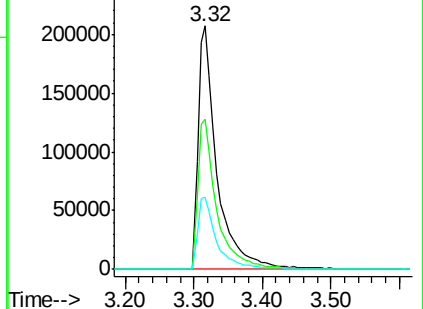
51 29.5 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.733 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

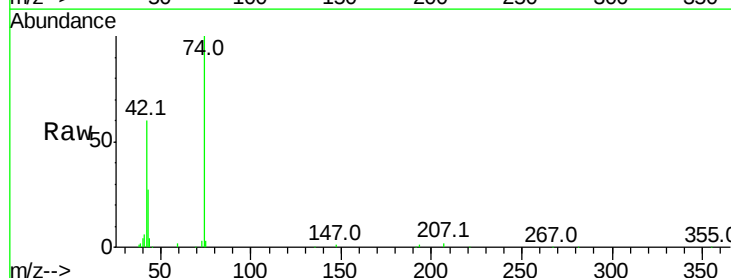
Tgt Ion: 42 Resp: 153496

Ion Ratio Lower Upper

42 100

74 165.9 104.9 157.3#

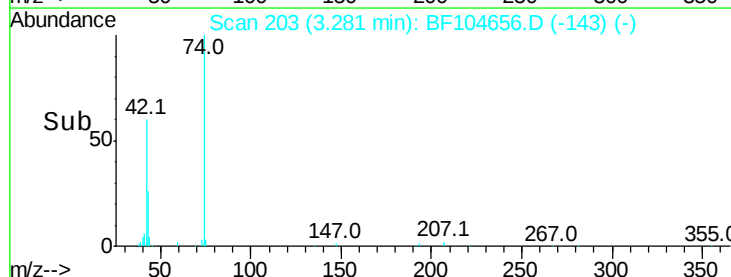
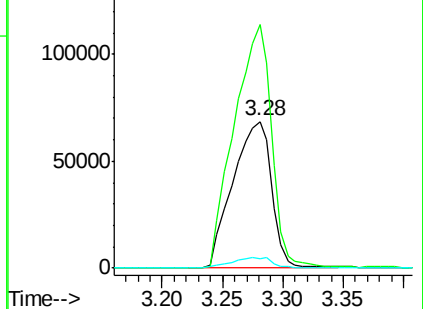
44 6.4 6.9 10.3#

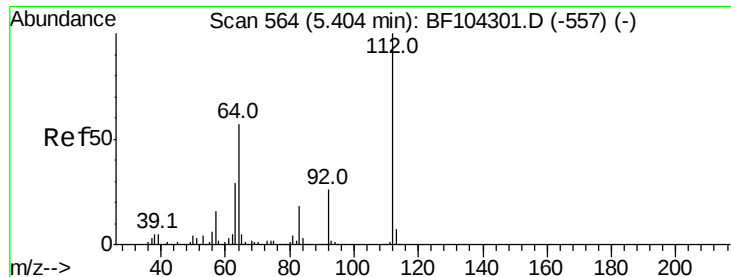


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.738 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :

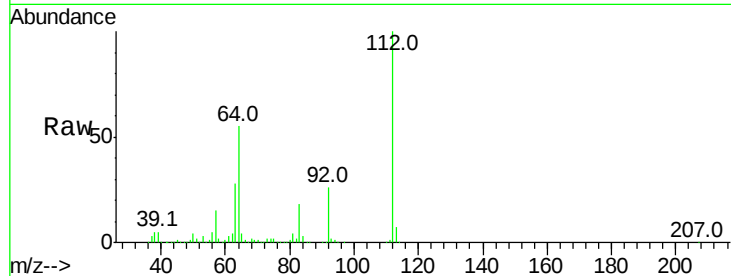
Tot Ion:112 Resp: 681965

Ion Ratio Lower Upper

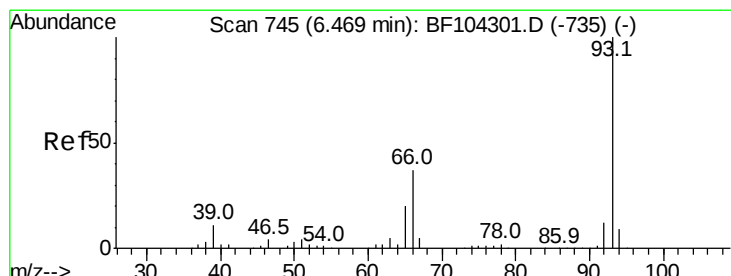
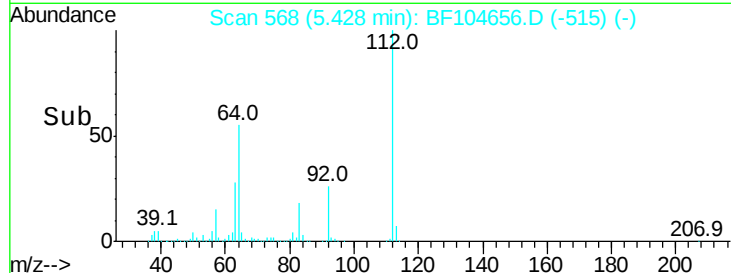
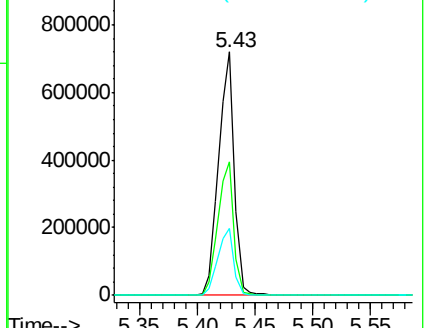
112 100

64 54.9 47.9 71.9

63 27.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.257 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

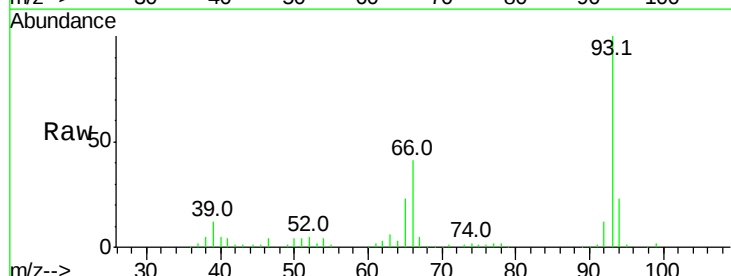
Tgt Ion: 93 Resp: 190911

Ion Ratio Lower Upper

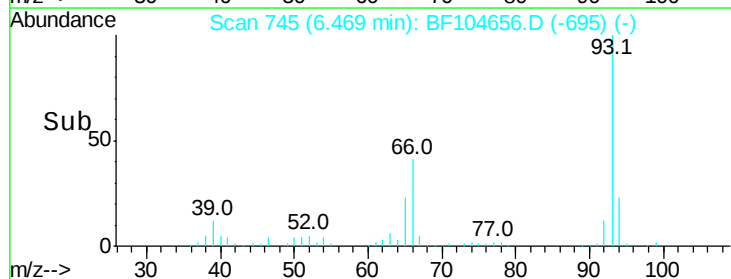
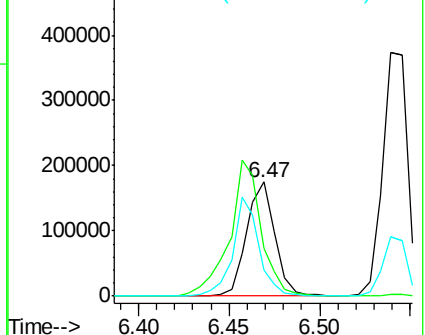
93 100

66 41.5 32.2 48.2

65 22.5 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





#7

Phenol-d6

Concen: 74.841 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

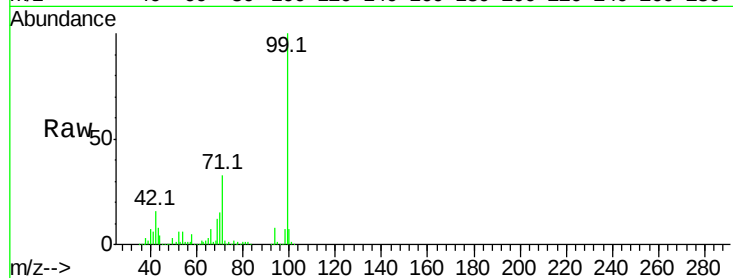
Tot Ion: 99 Resp: 839070

Ion Ratio Lower Upper

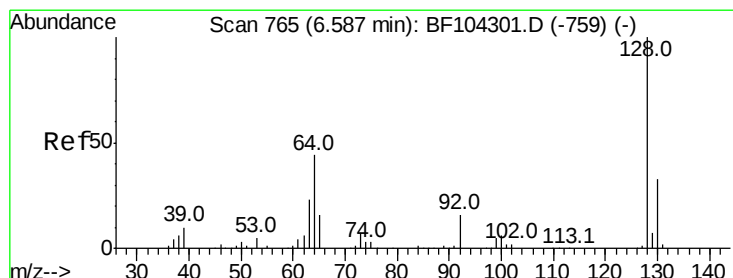
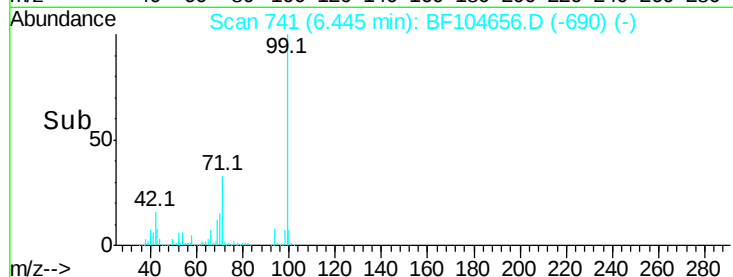
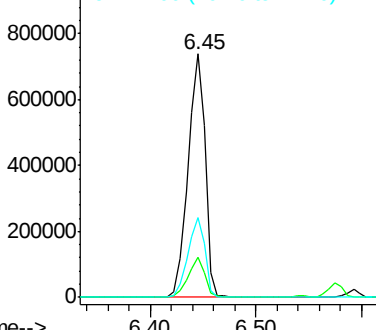
99 100

42 16.5 14.5 21.7

71 32.9 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: 39.432 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

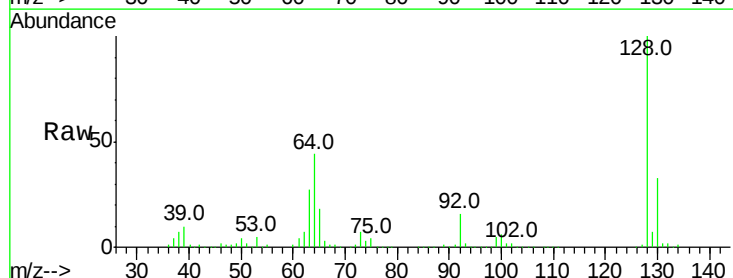
Tgt Ion:128 Resp: 379769

Ion Ratio Lower Upper

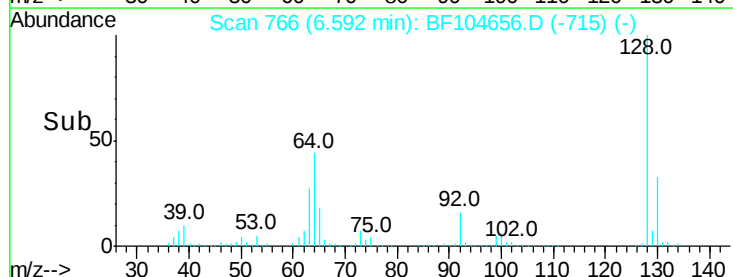
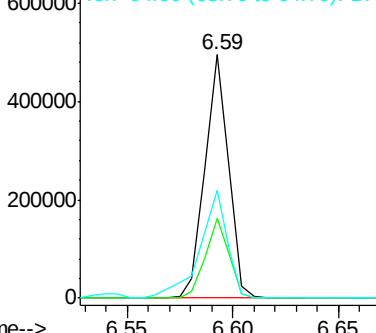
128 100

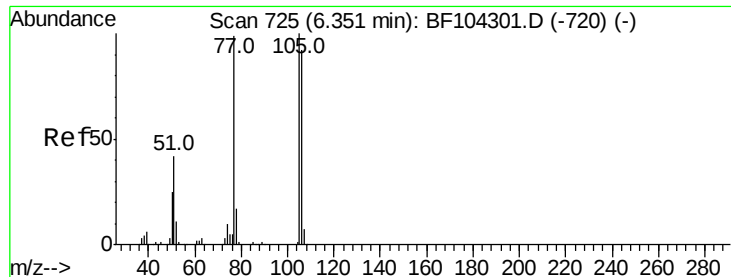
130 32.8 13.0 53.0

64 44.2 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: 39.588 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

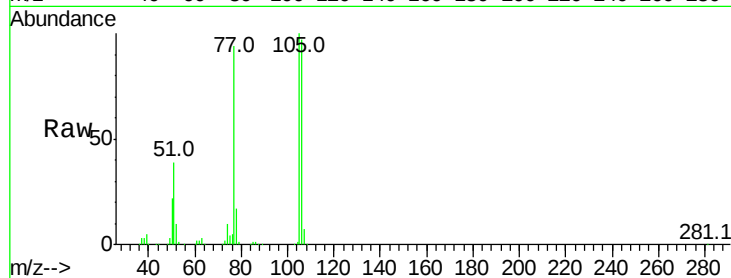
Tot Ion: 77 Resp: 225286

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

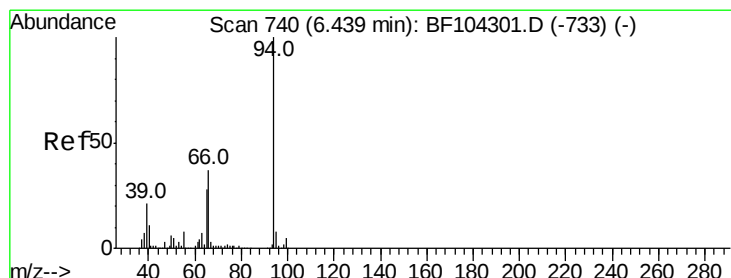
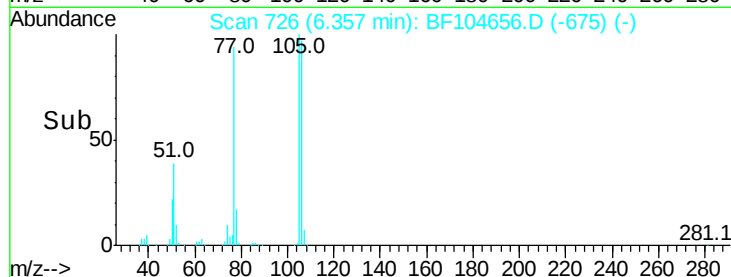
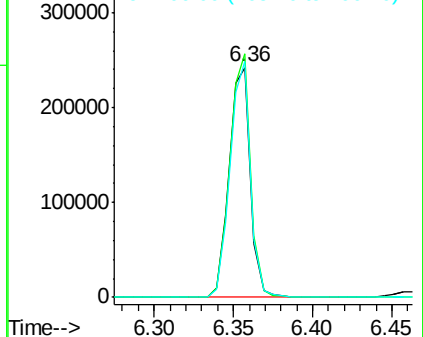
106 102.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.623 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

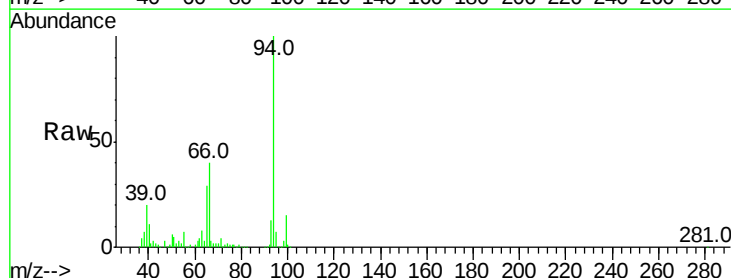
Tgt Ion: 94 Resp: 447553

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

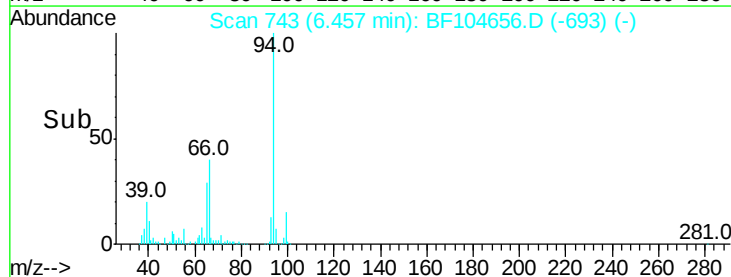
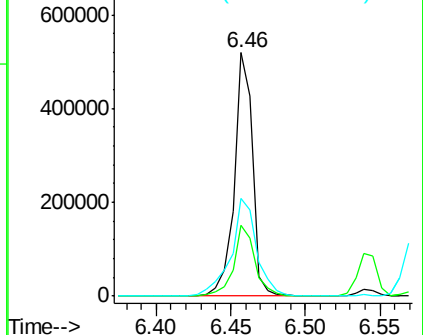
66 40.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.140 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

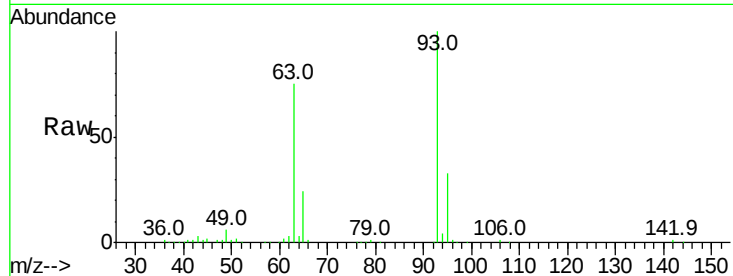
Tot Ion: 93 Resp: 352565

Ion Ratio Lower Upper

93 100

63 75.2 58.6 98.6

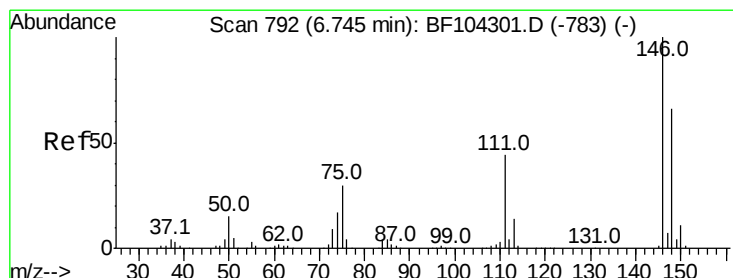
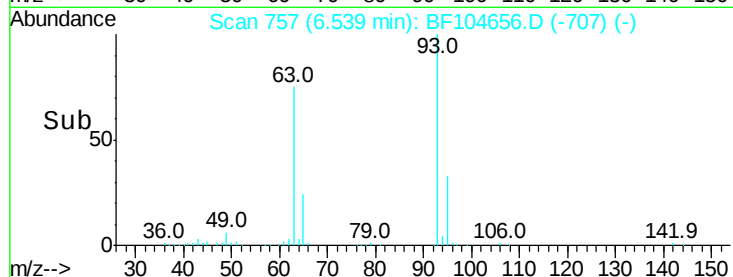
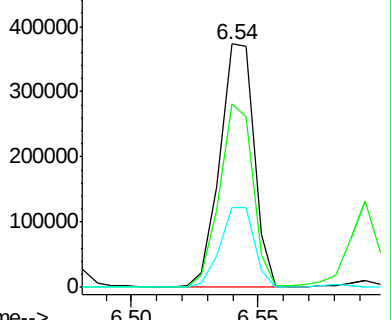
95 32.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.350 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

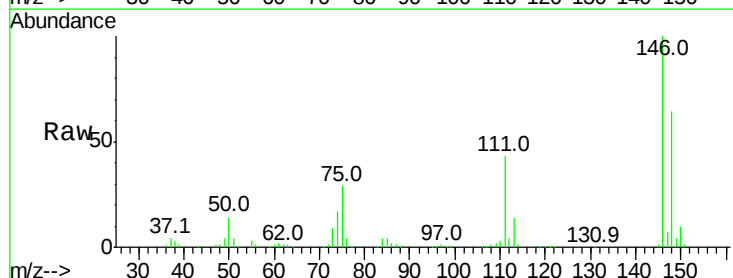
Tgt Ion: 146 Resp: 396610

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

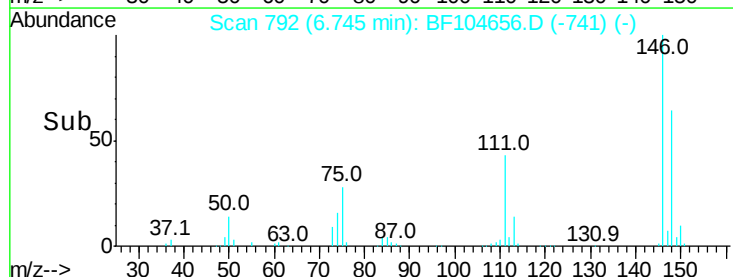
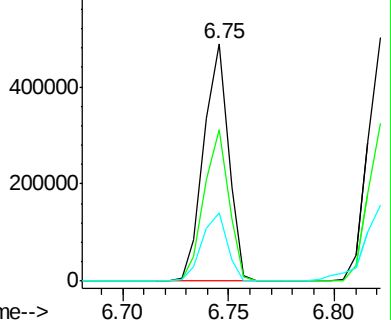
75 28.7 24.2 36.4

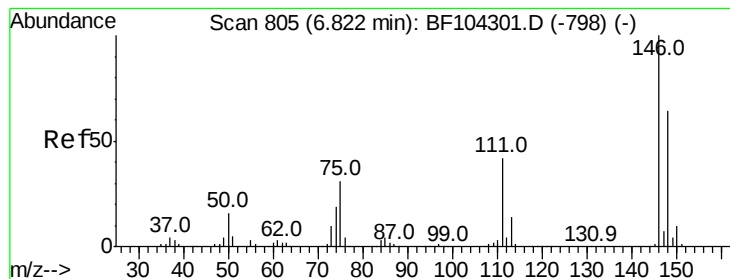


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.675 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

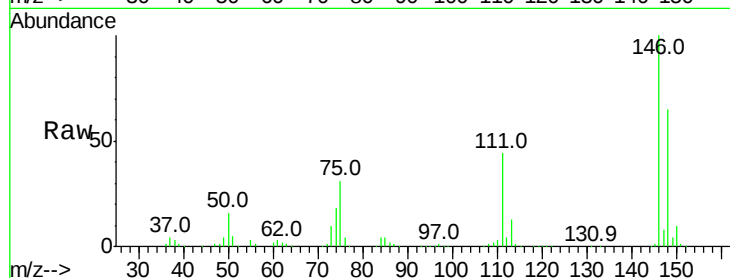
Tot Ion:146 Resp: 398886

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

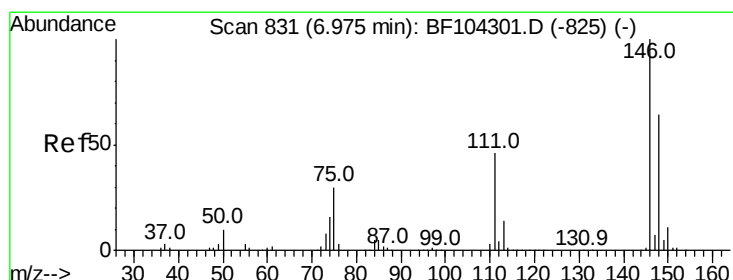
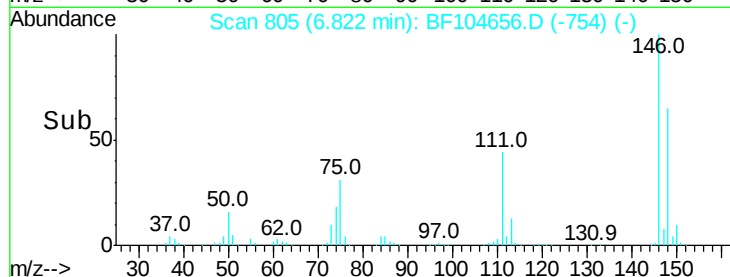
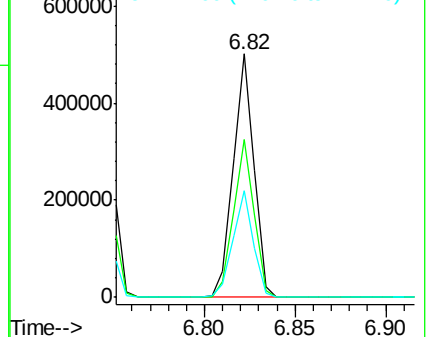
111 43.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.737 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

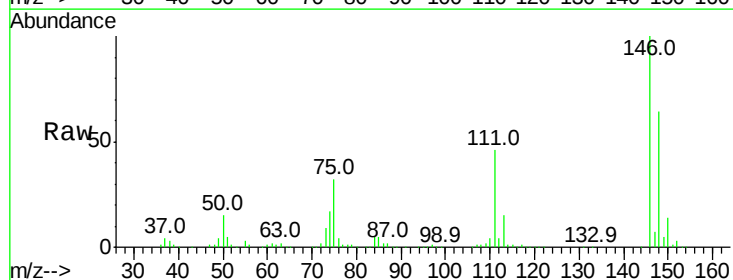
Tgt Ion:146 Resp: 370268

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

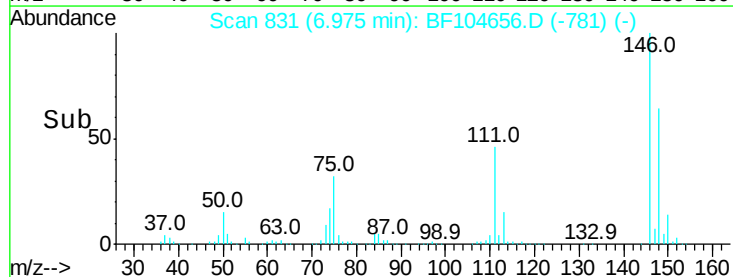
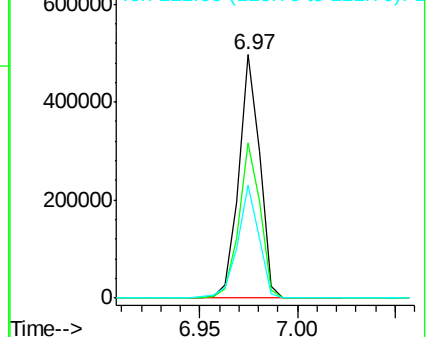
111 46.5 36.0 54.0

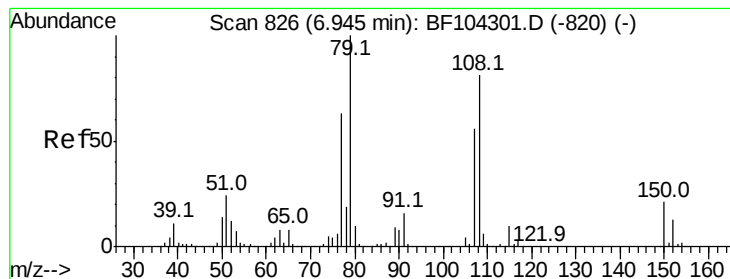


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.852 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

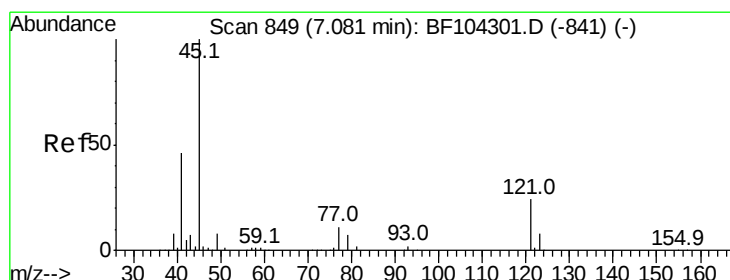
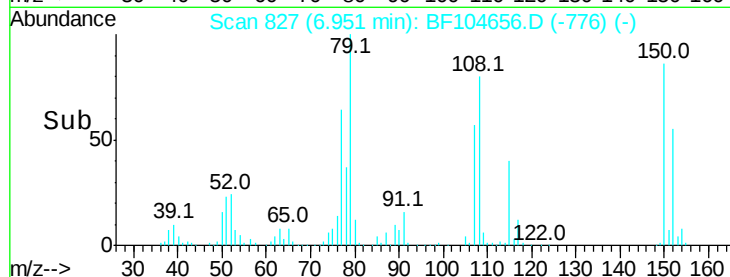
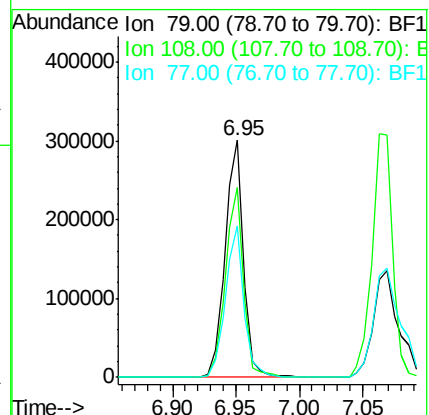
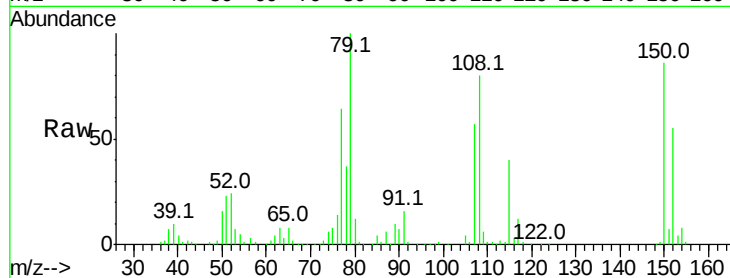
Tot Ion: 79 Resp: 305293

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.010 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

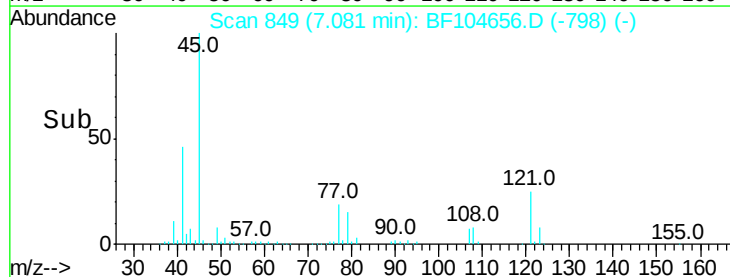
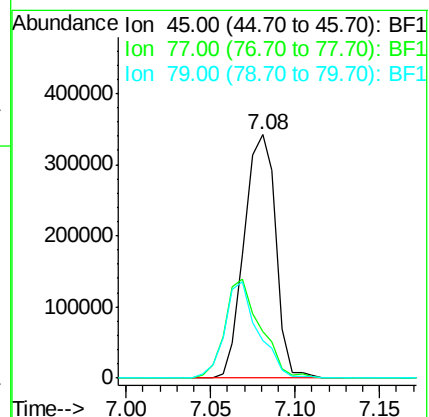
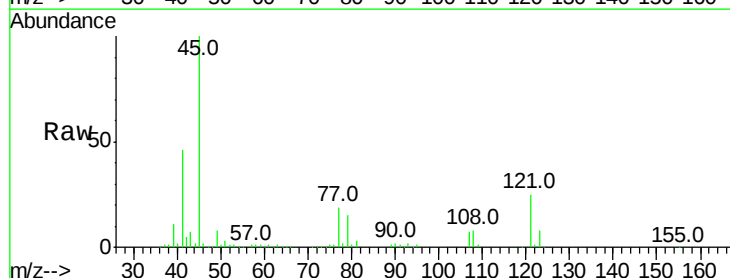
Tgt Ion: 45 Resp: 446324

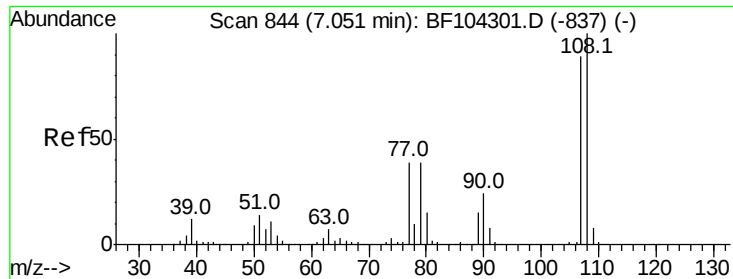
Ion Ratio Lower Upper

45 100

77 19.3 0.0 32.9

79 15.2 0.0 29.6

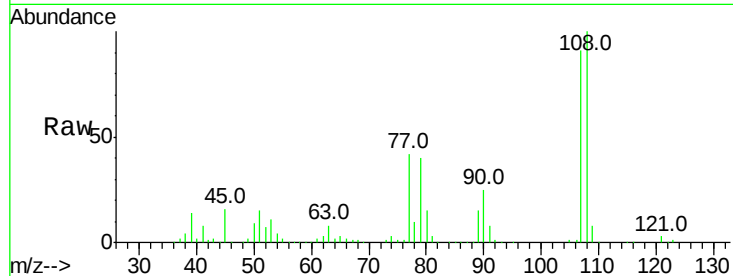




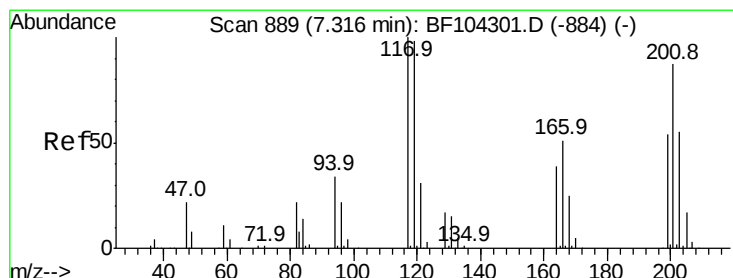
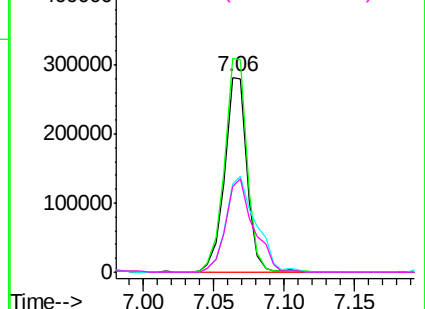
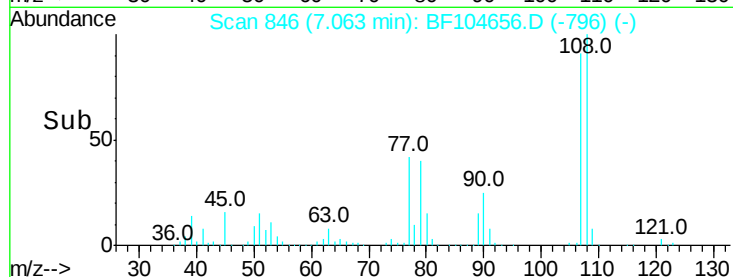
#17
2-Methylphenol
Concen: 37.208 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 311499
Ion Ratio Lower Upper
107 100
108 109.6 91.7 137.5
77 45.6 33.8 50.8
79 44.0 33.8 50.8

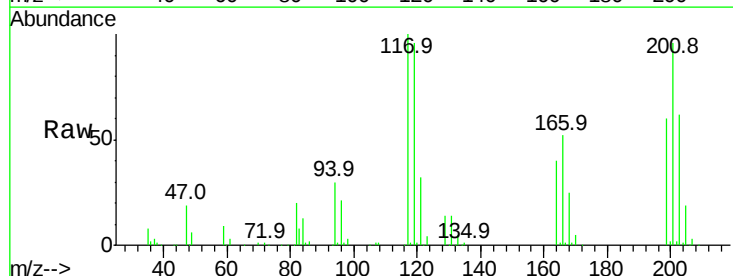


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

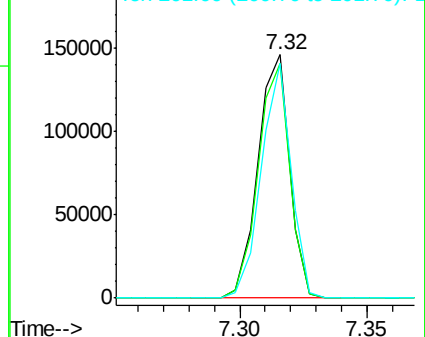
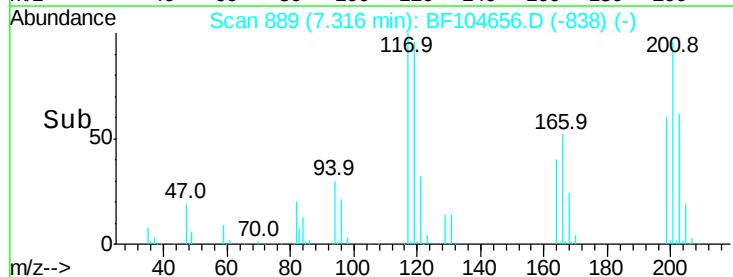


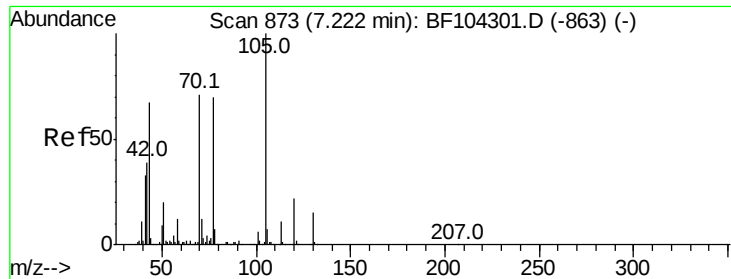
#18
Hexachloroethane
Concen: 32.976 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:117 Resp: 127876
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 96.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

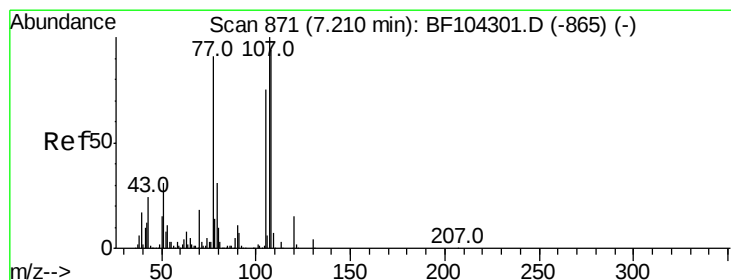
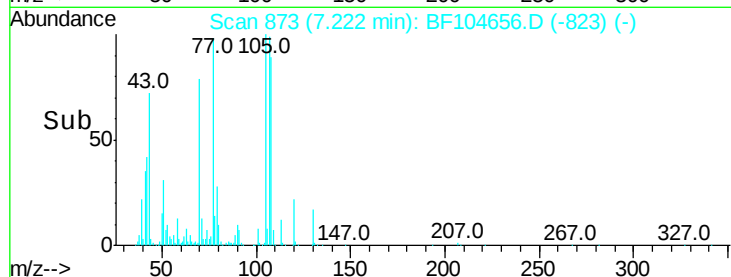
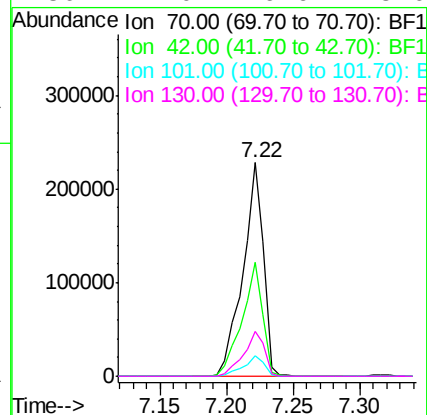
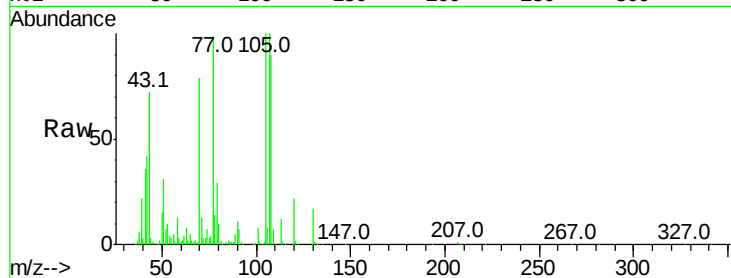




#19
n-Nitroso-di-n-propylamine
Concen: 33.360 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

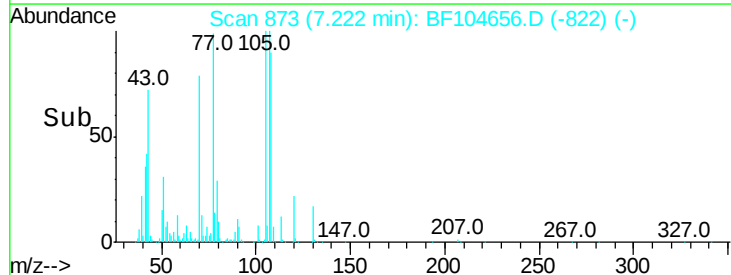
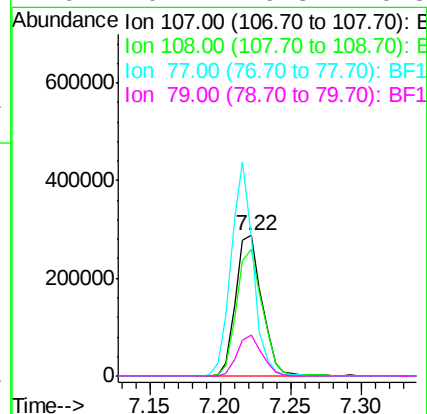
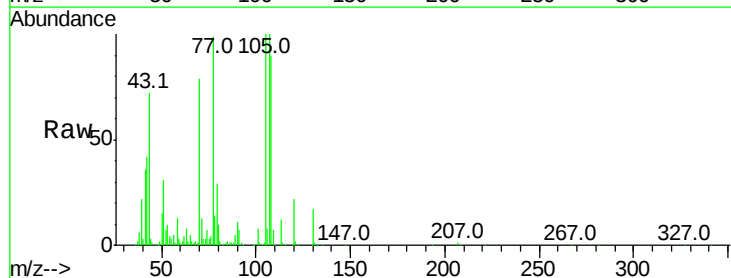
Instrument :
BNA_F
ClientSampleId :

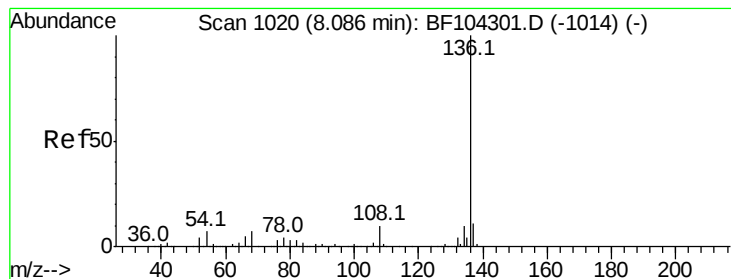
Tot Ion: 70 Resp: 244399
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 9.8 7.4 11.2
130 21.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.870 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion: 107 Resp: 372438
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 99.0 26.7 66.7#
79 29.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104656.D

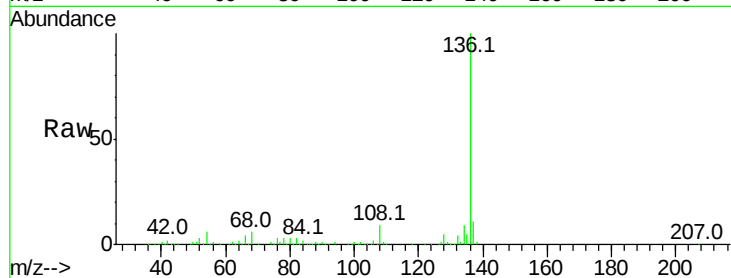
Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	561101
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.1	6.6 9.8#
68	5.6	5.0 7.4

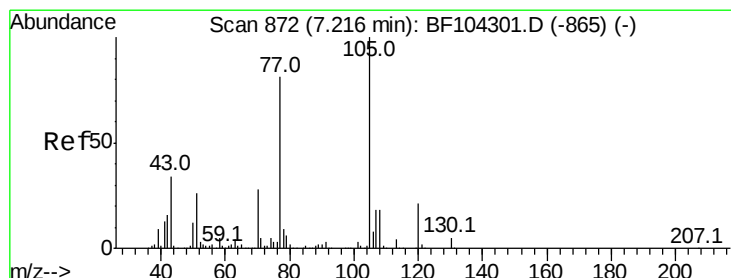
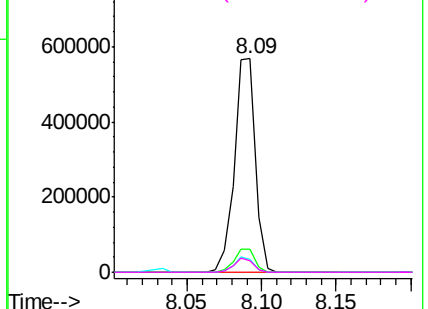
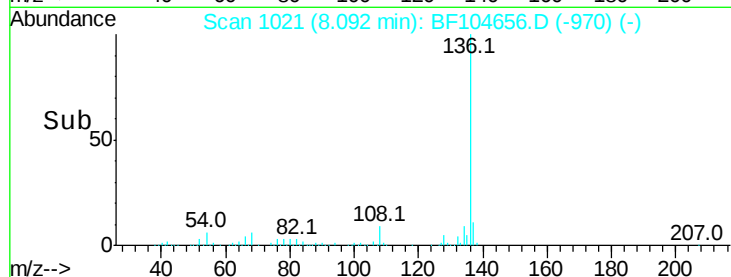


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.514 ng

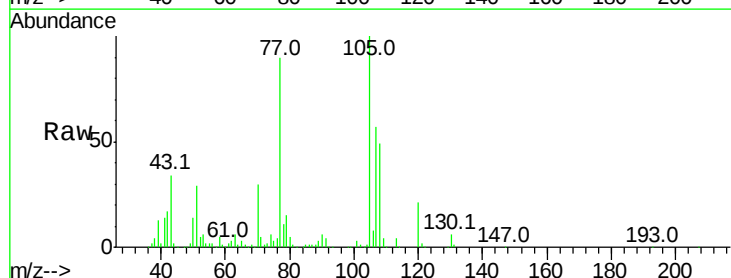
RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:105	Resp:	490591
Ion Ratio	Lower	Upper
105	100	
71	5.1	4.4 6.6
51	28.7	22.3 33.5
120	20.9	16.9 25.3

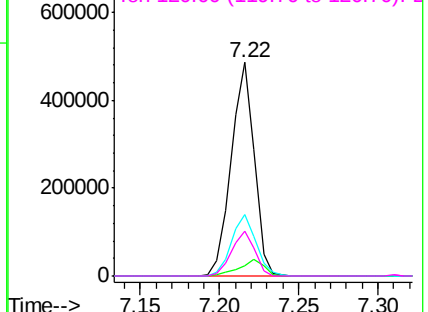
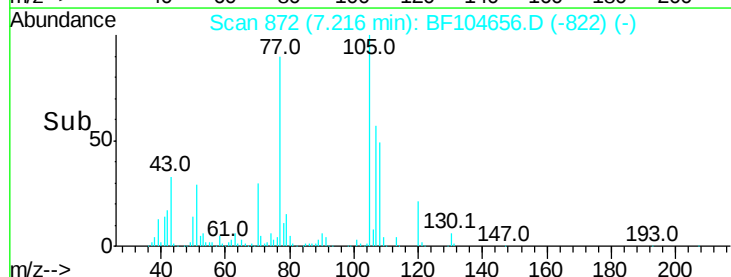


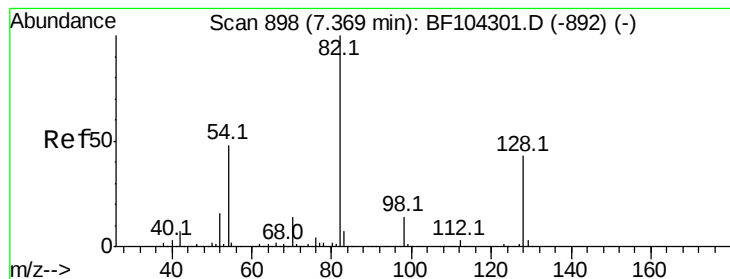
Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.228 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

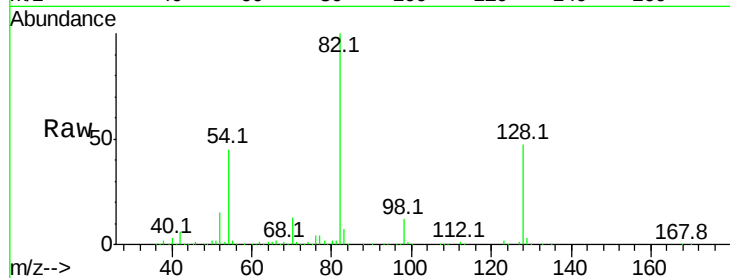
Tot Ion: 82 Resp: 758133

Ion Ratio Lower Upper

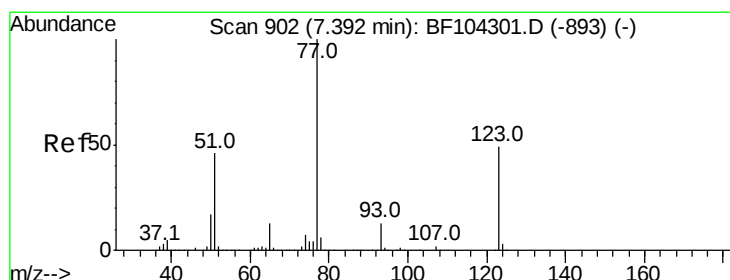
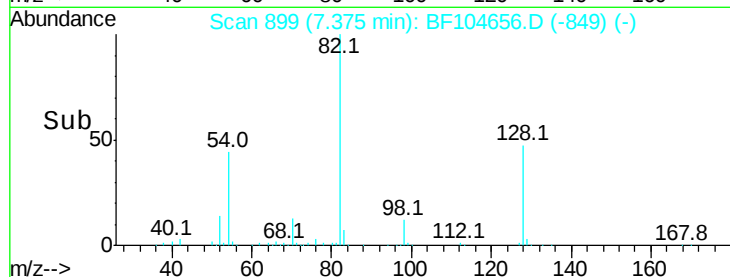
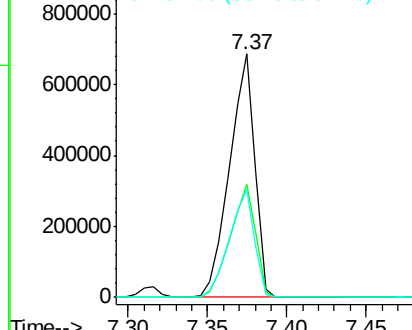
82 100

128 46.6 36.1 54.1

54 44.6 41.4 62.2



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



#24

Nitrobenzene

Concen: 40.625 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

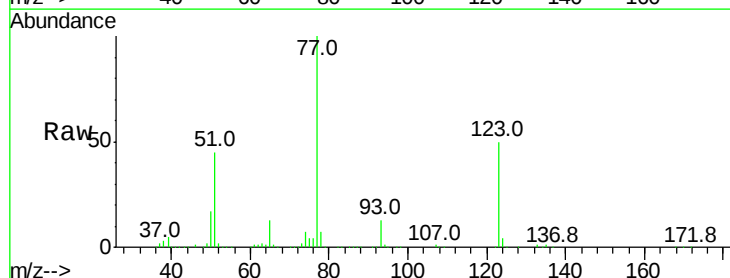
Tgt Ion: 77 Resp: 385412

Ion Ratio Lower Upper

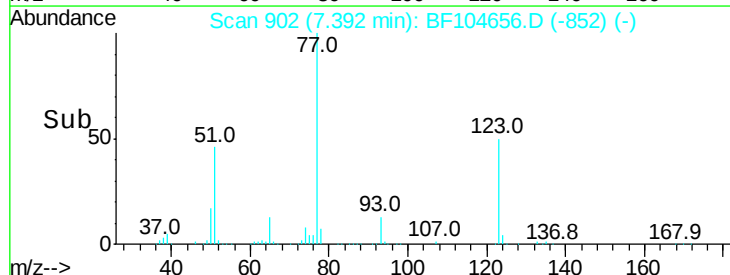
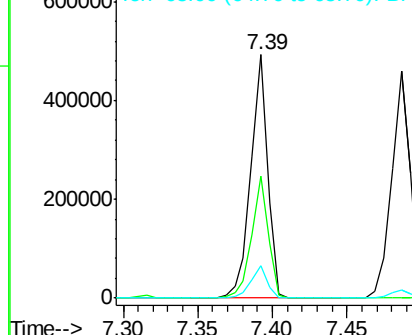
77 100

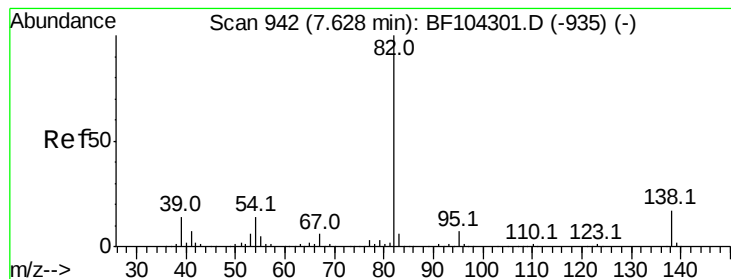
123 49.9 37.9 56.9

65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 38.524 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

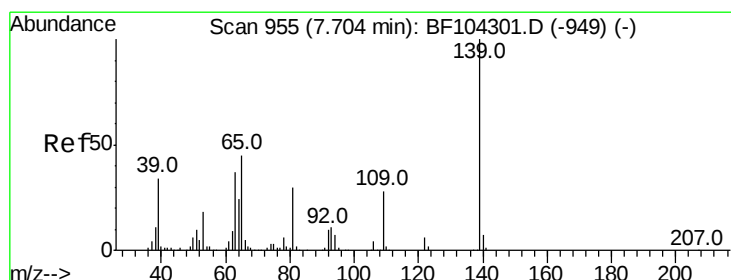
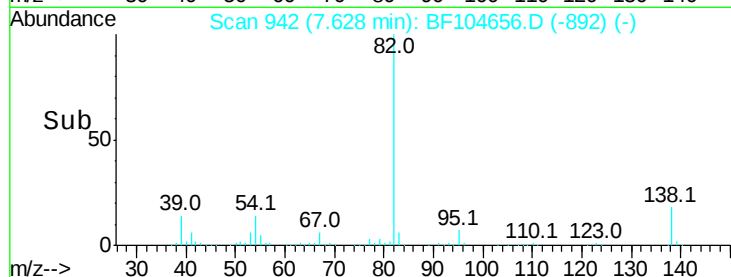
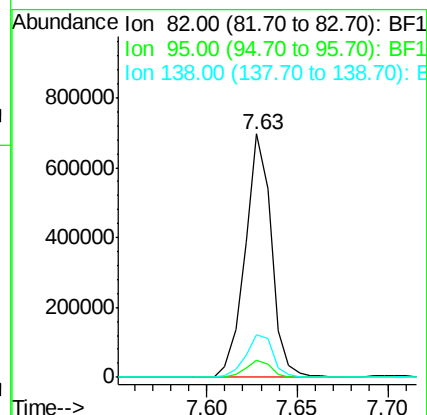
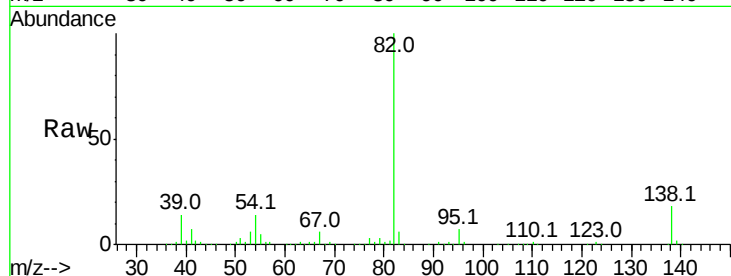
Tot Ion: 82 Resp: 700013

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 50.785 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

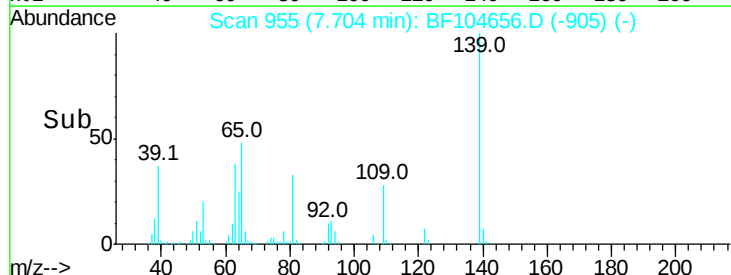
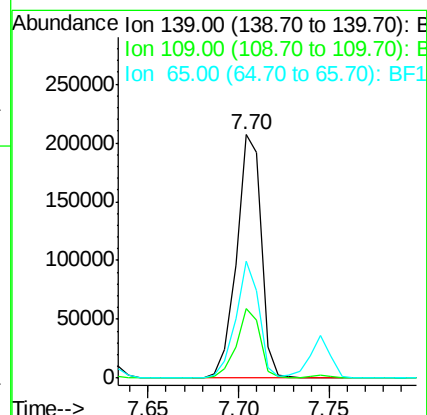
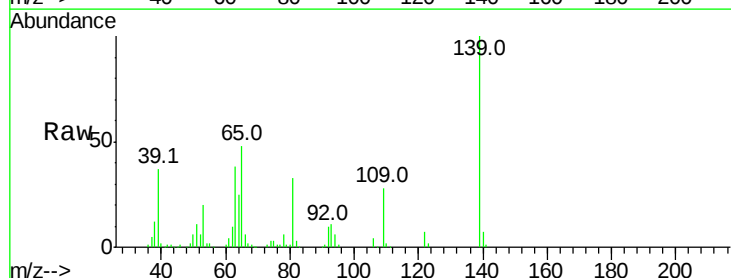
Tgt Ion: 139 Resp: 196143

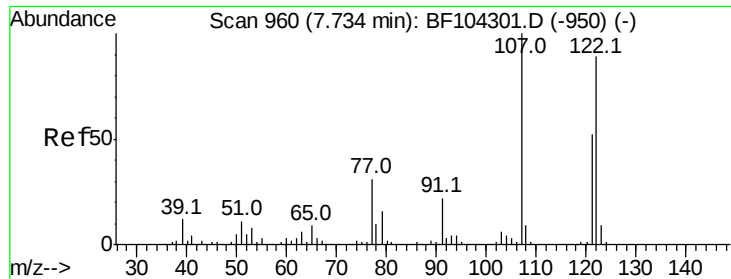
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 48.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.463 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

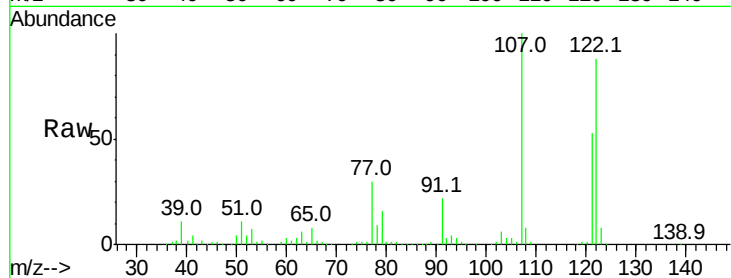
Tot Ion:122 Resp: 332508

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

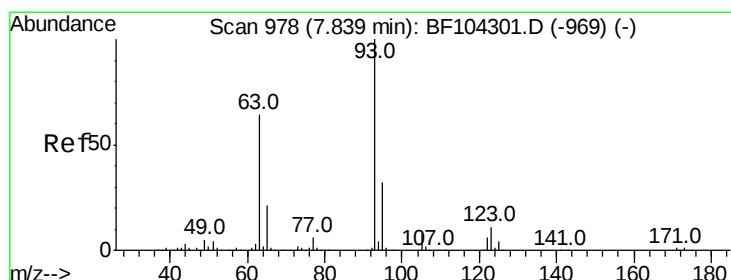
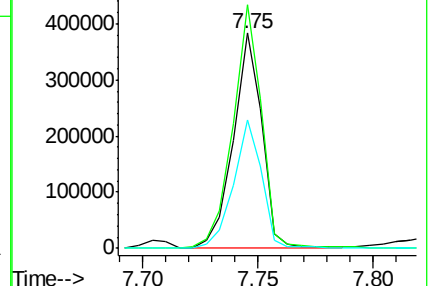
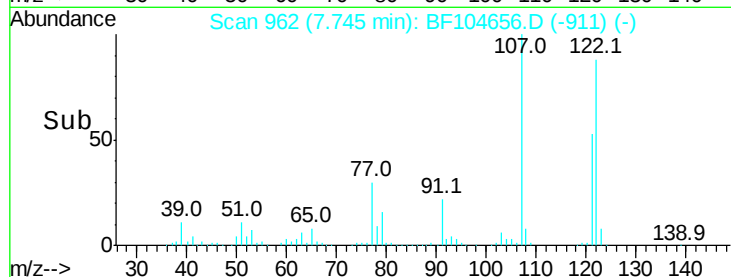
121 59.6 47.2 70.8



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: 40.887 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

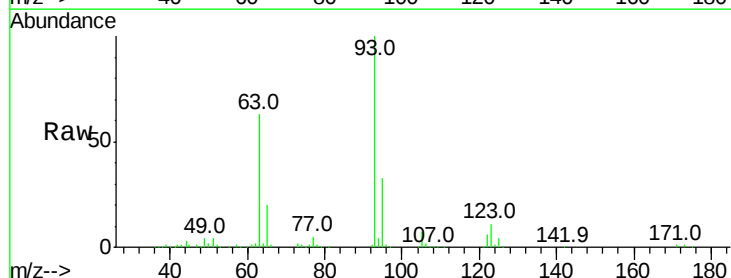
Tgt Ion: 93 Resp: 454247

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

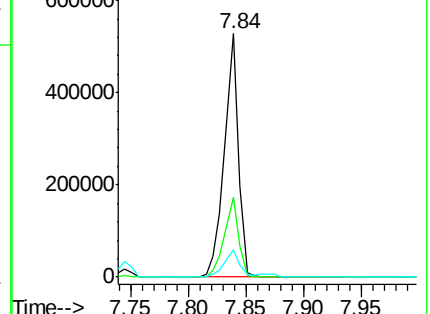
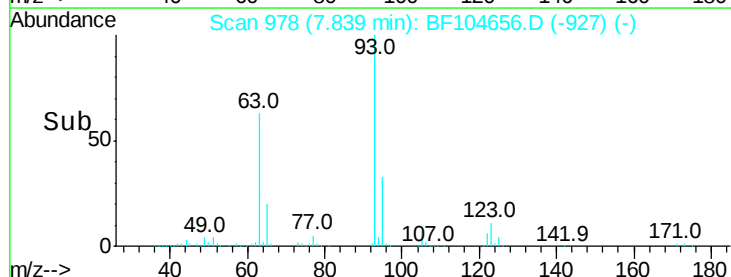
123 11.3 9.8 14.6

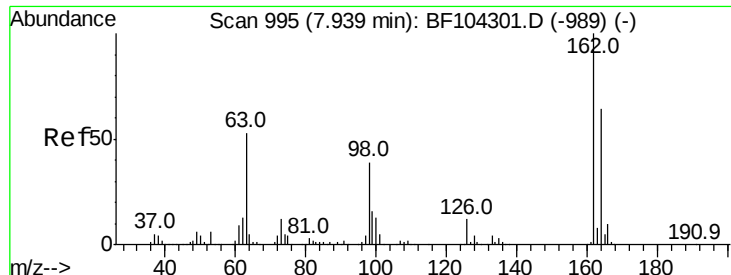


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

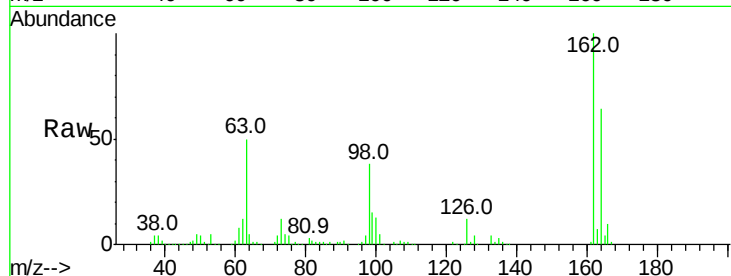




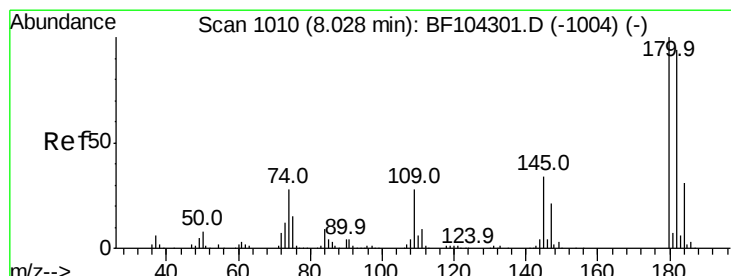
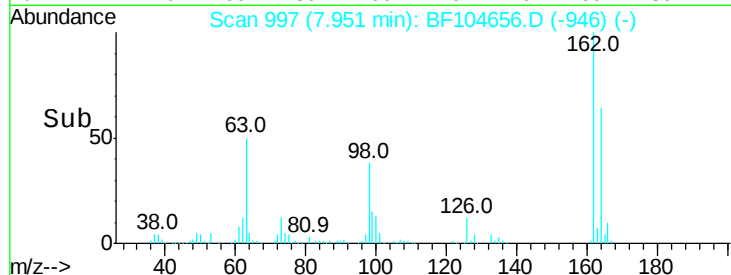
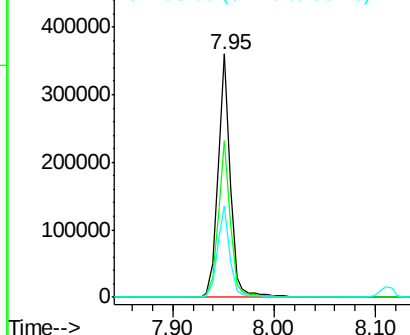
#29
2,4-Dichlorophenol
Concen: 40.119 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 306981
Ion Ratio Lower Upper
162 100
164 64.3 42.7 82.7
98 37.7 18.1 58.1

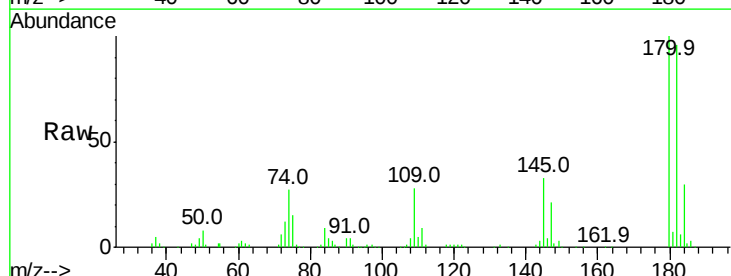


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

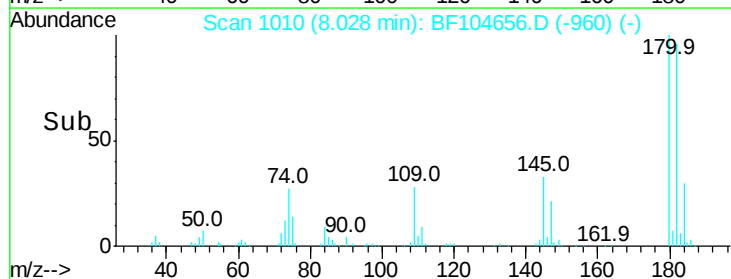
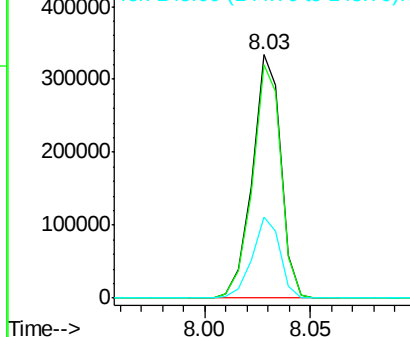


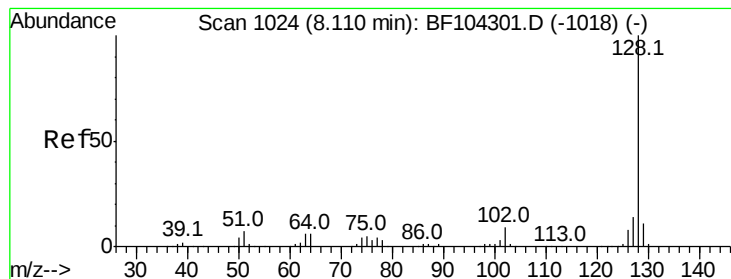
#30
1,2,4-Trichlorobenzene
Concen: 37.312 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:180 Resp: 313324
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 33.1 26.5 39.7



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





#31

Naphthalene

Concen: 37.587 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

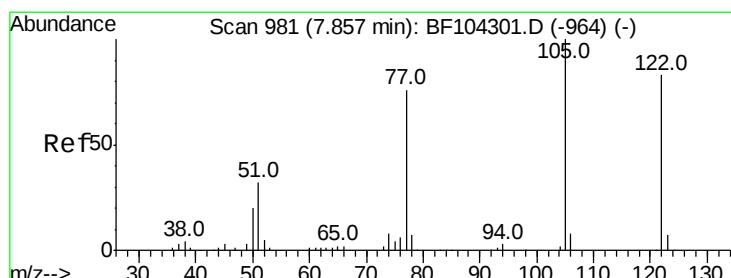
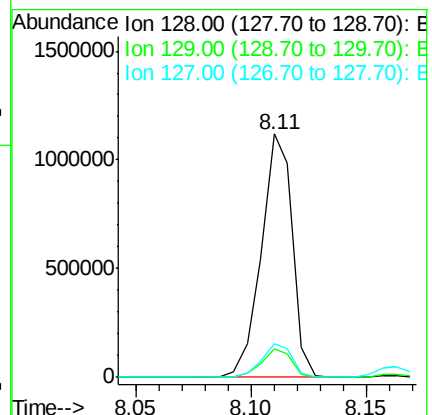
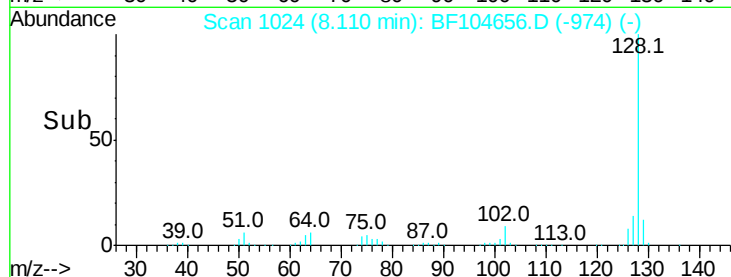
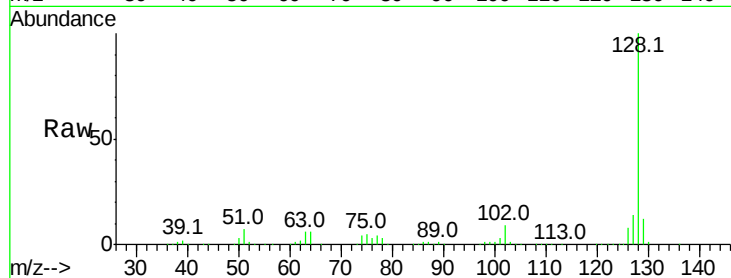
Tot Ion:128 Resp: 1050173

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 34.525 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

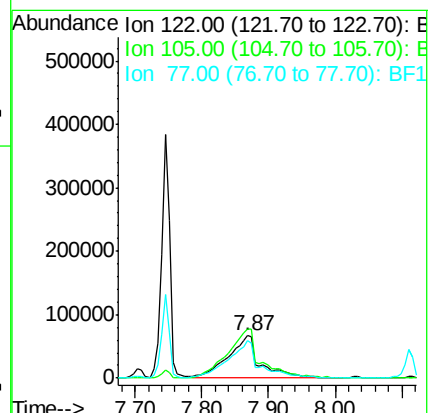
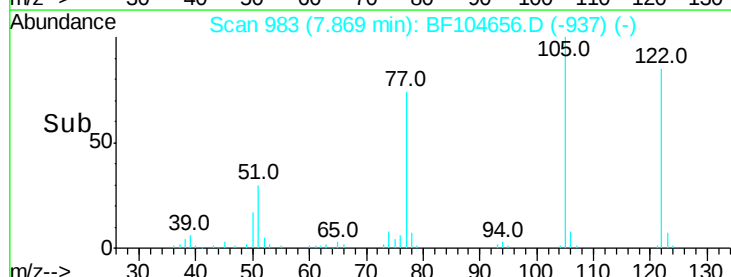
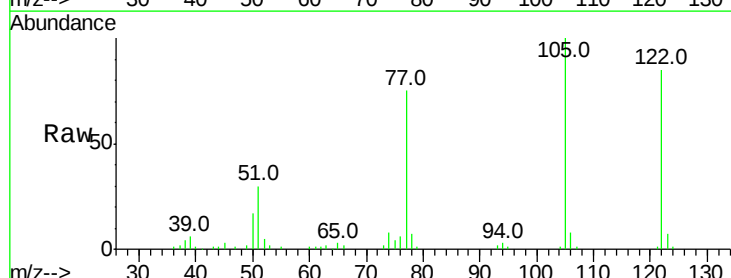
Tgt Ion:122 Resp: 220911

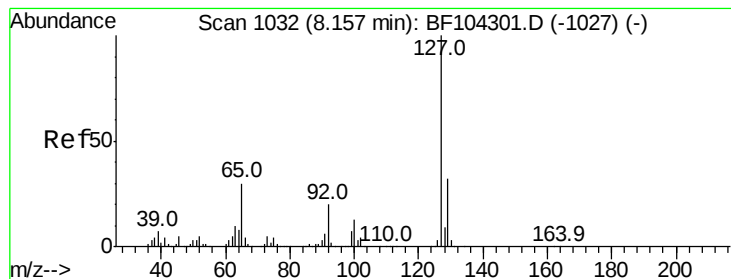
Ion Ratio Lower Upper

122 100

105 117.3 101.1 141.1

77 87.9 70.7 110.7





#33

4-Chloroaniline

Concen: 5.906 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 70699

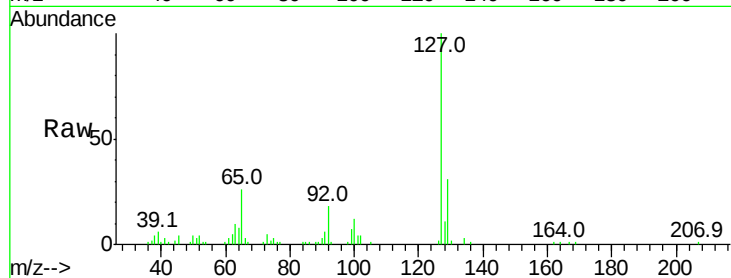
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 25.8 25.0 37.4

92 18.3 15.2 22.8

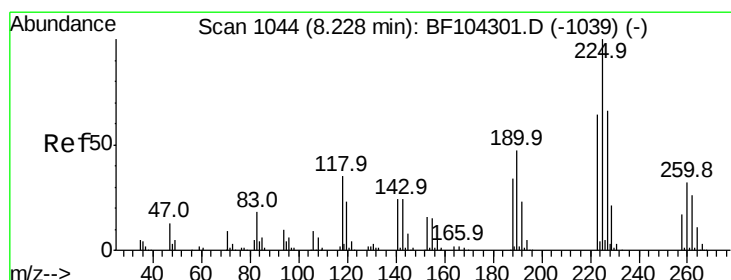
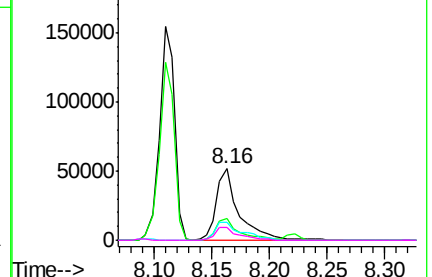
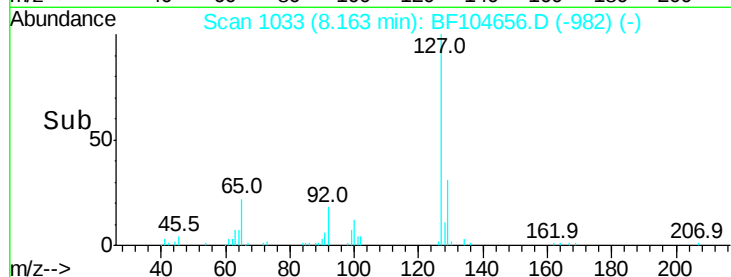


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.714 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

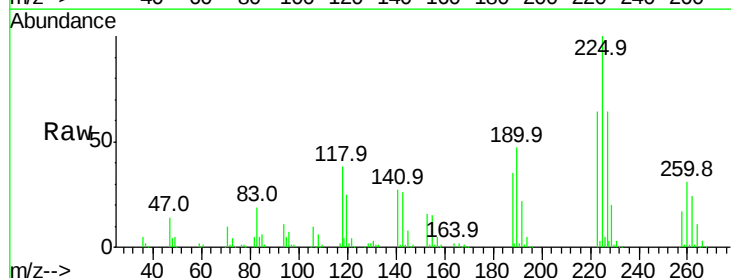
Tgt Ion:225 Resp: 168870

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

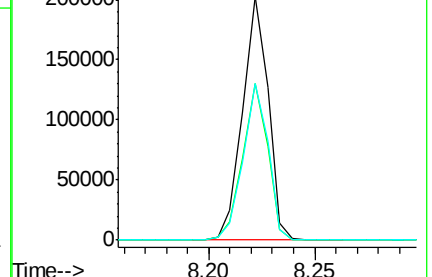
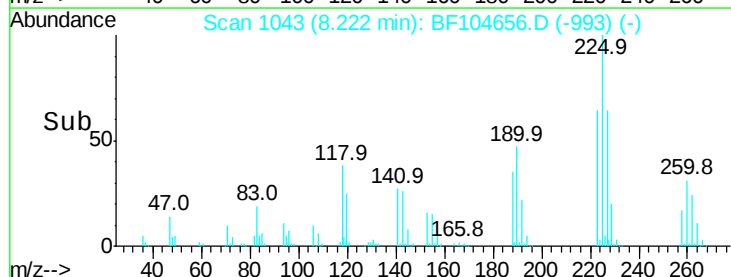
227 64.4 51.9 77.9

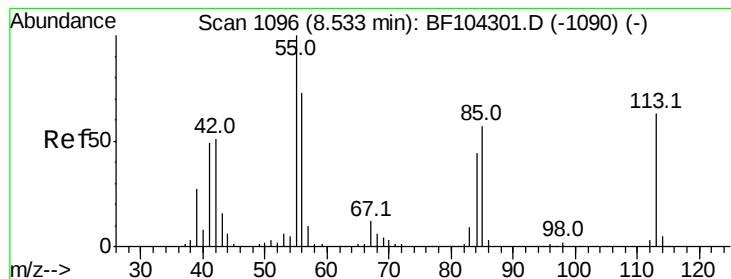


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.975 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

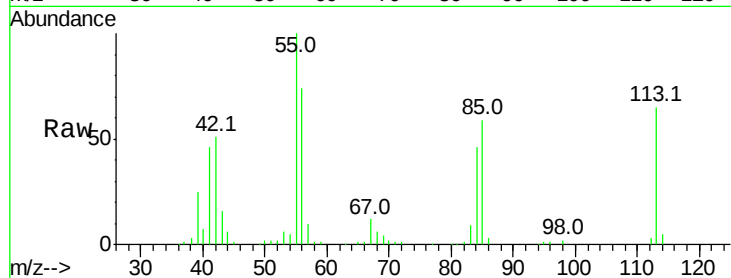
Tot Ion:113 Resp: 98698

Ion Ratio Lower Upper

113 100

55 153.0 163.3 203.3#

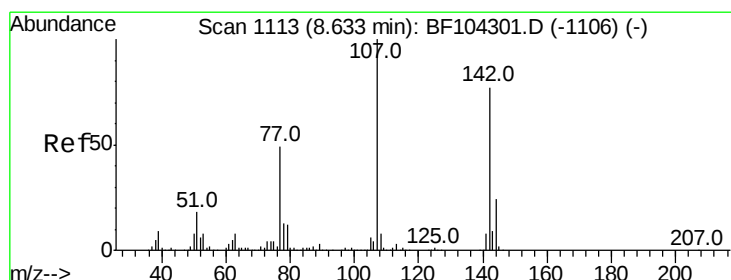
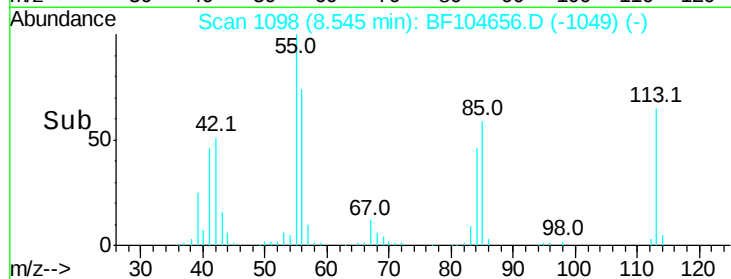
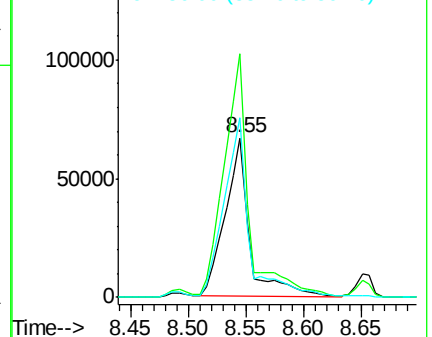
56 113.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.908 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

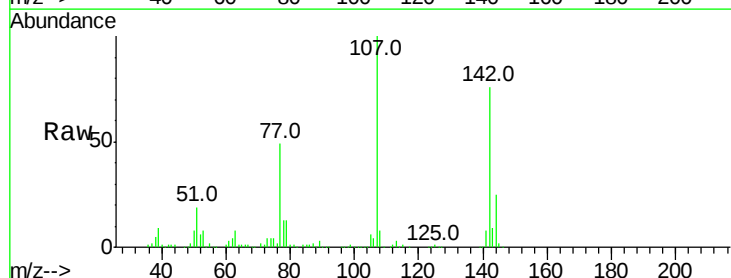
Tgt Ion:107 Resp: 327435

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

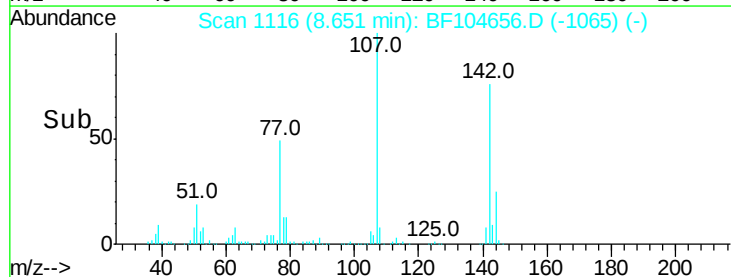
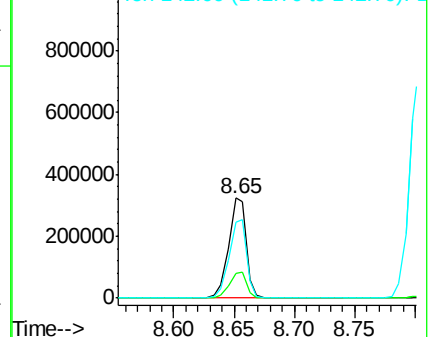
142 76.3 62.0 93.0

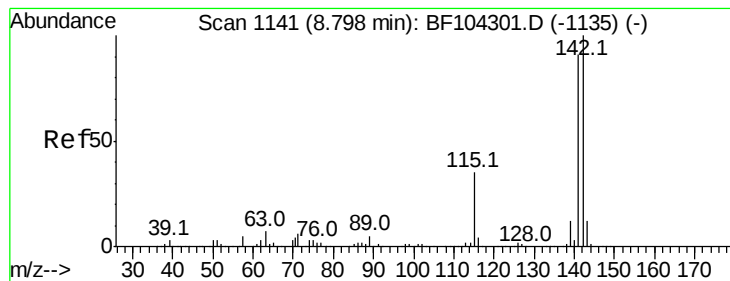


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.241 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

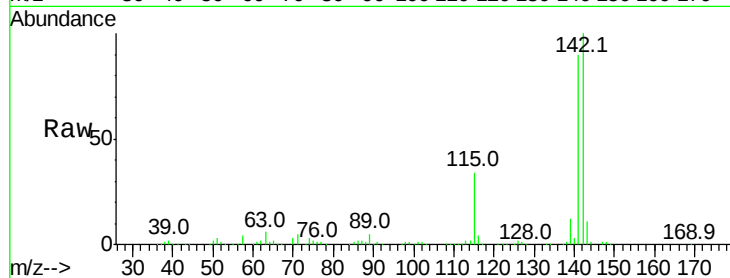
Tot Ion:142 Resp: 691127

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

115 34.1 26.1 39.1

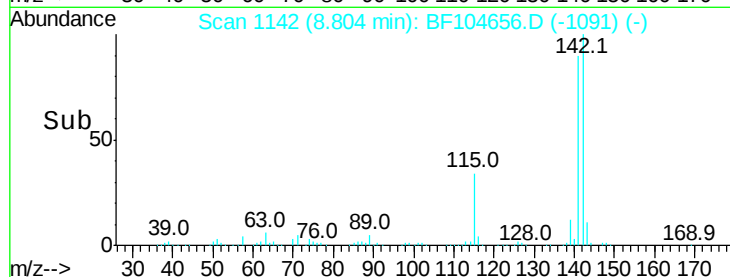


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.80



Abundance

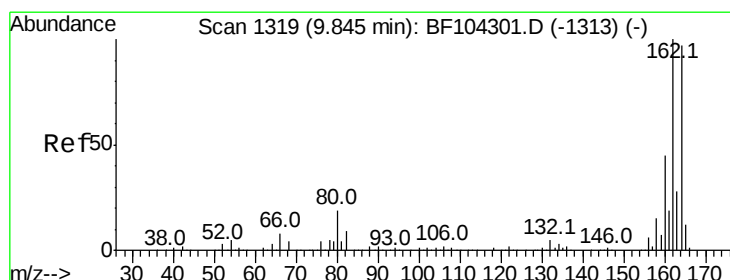
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.80

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

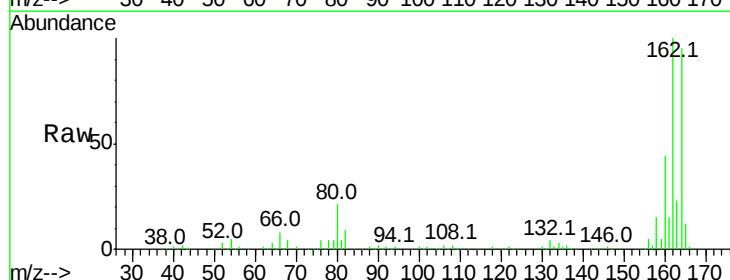
Tgt Ion:164 Resp: 240097

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

160 46.5 38.3 57.5

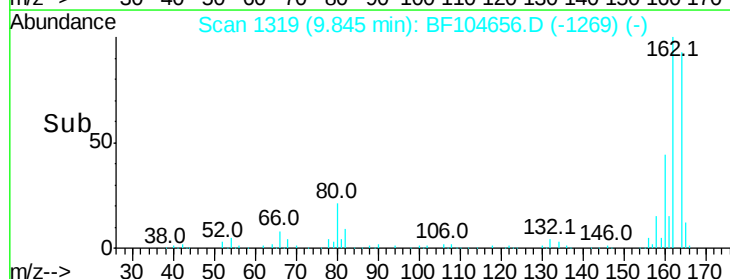


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.85



Abundance

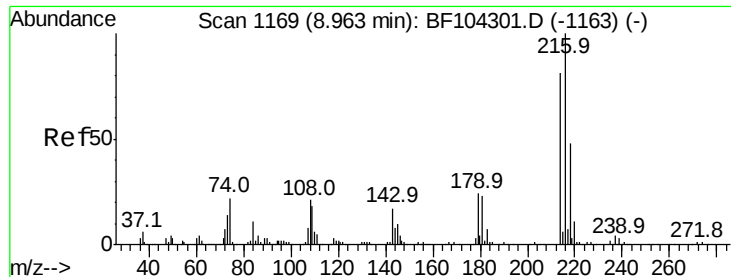
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.85

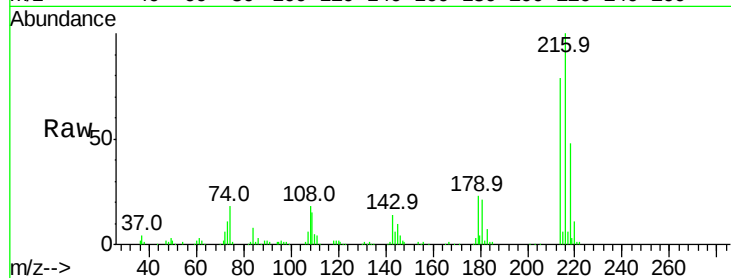
Time-->



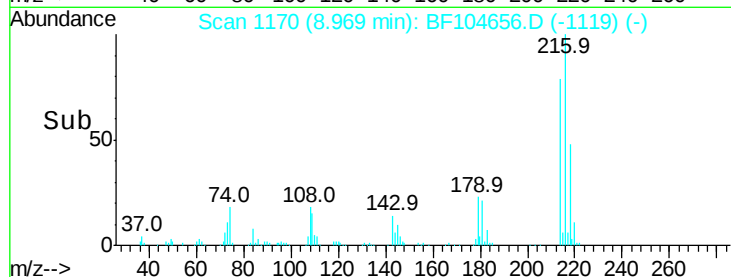
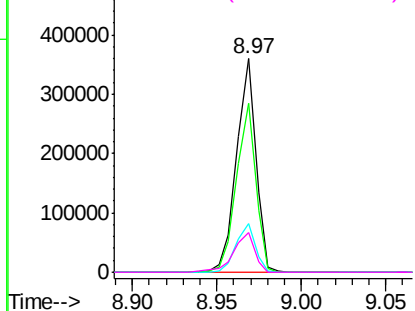
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.737 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	286854
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	22.8	18.1	27.1
108	20.4	17.2	25.8

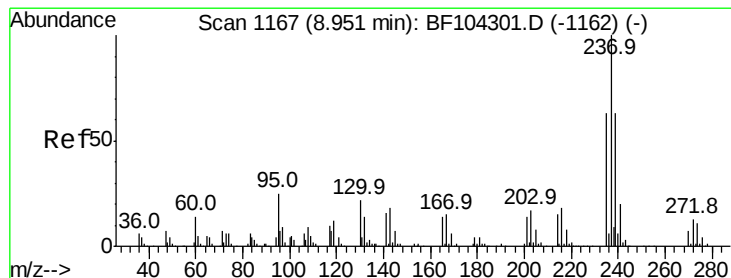


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

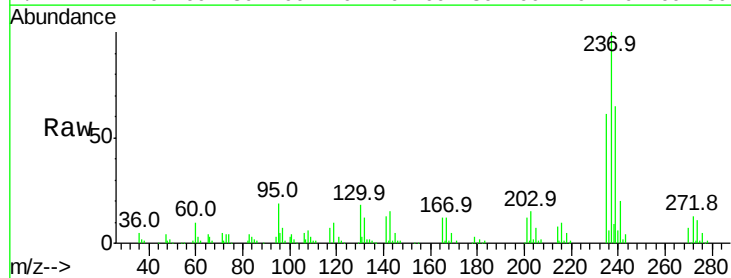
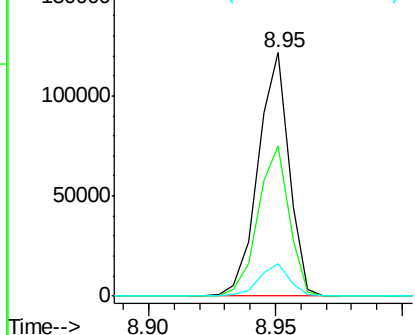


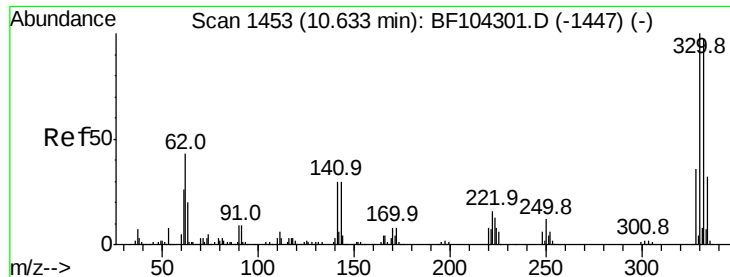
#40
 Hexachlorocyclopentadiene
 Concen: 27.014 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:	237	Resp:	103941
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.8	84.8
272	13.1	0.0	33.3



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

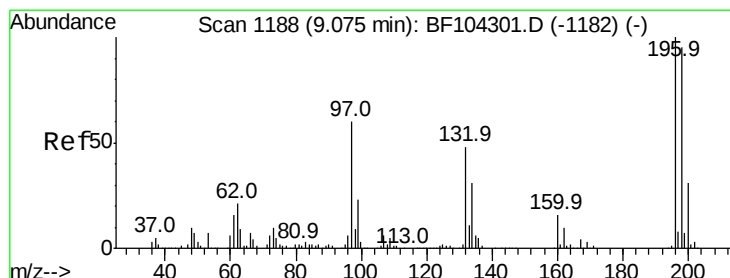
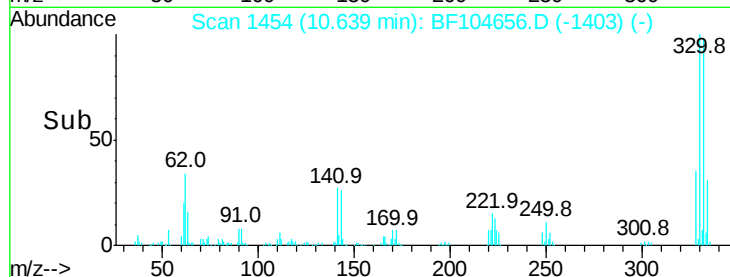
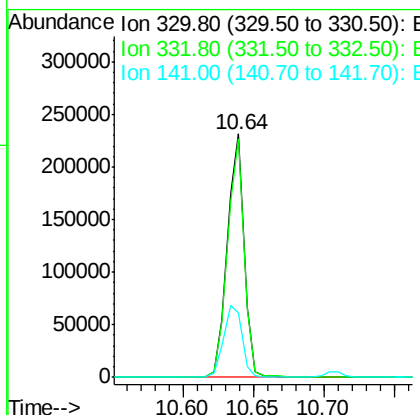
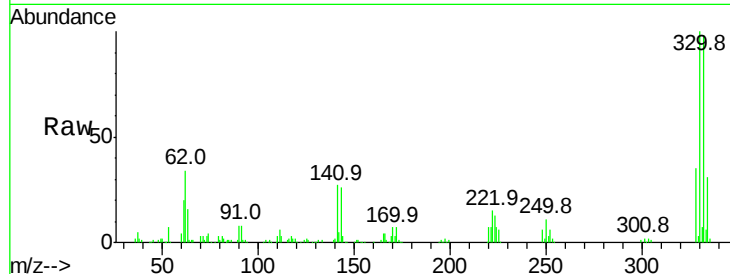




#41
 2,4,6-Tribromophenol
 Concen: 77.261 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

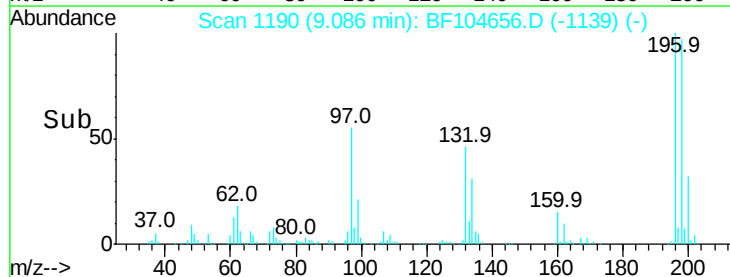
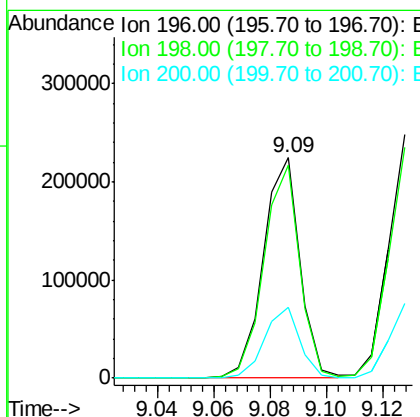
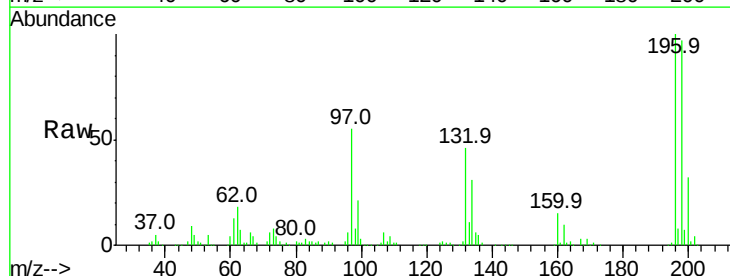
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.199 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	32.4	24.5	36.7

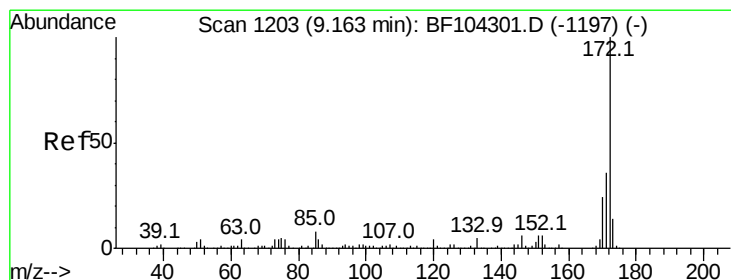
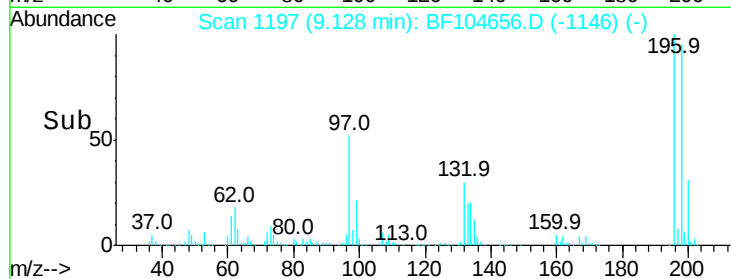
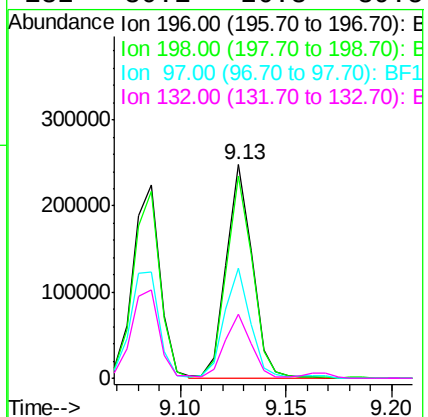
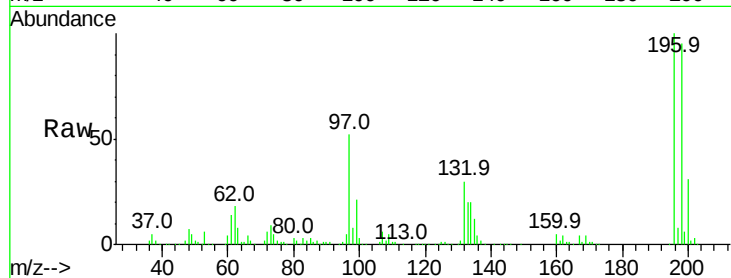




#43
 2,4,5-Trichlorophenol
 Concen: 39.376 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

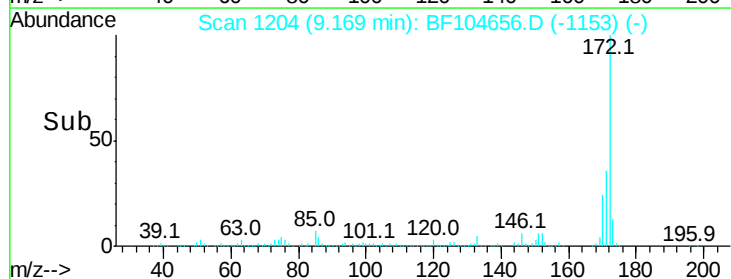
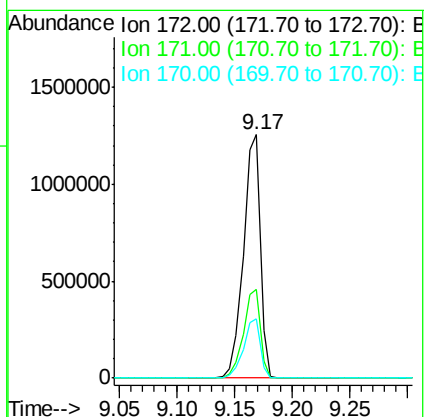
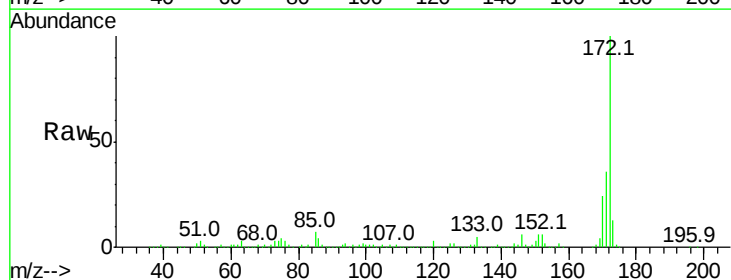
Instrument :
 BNA_F
 ClientSampled :

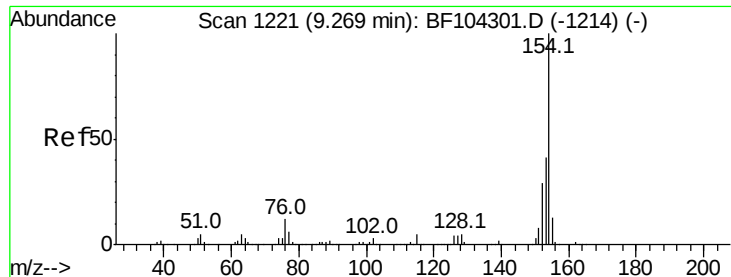
Tot Ion:	196	Resp:	210232
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	51.7	42.9	64.3
132	30.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 83.734 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:	172	Resp:	1272629
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.308 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

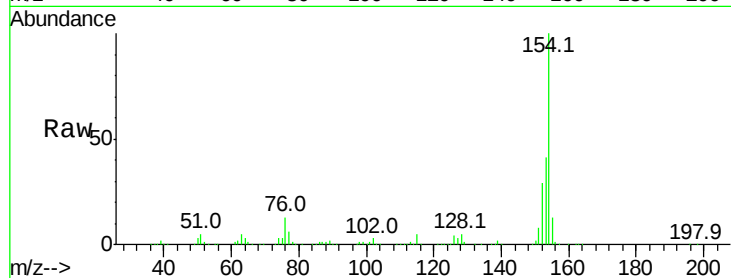
Tot Ion:154 Resp: 792843

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

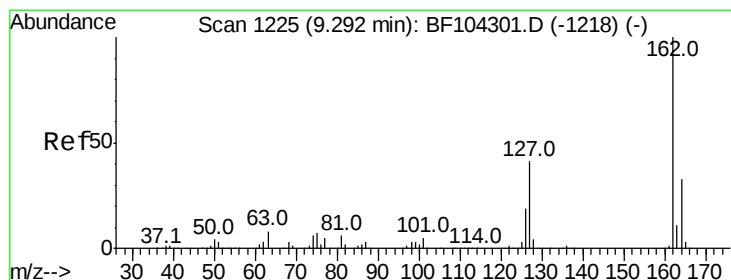
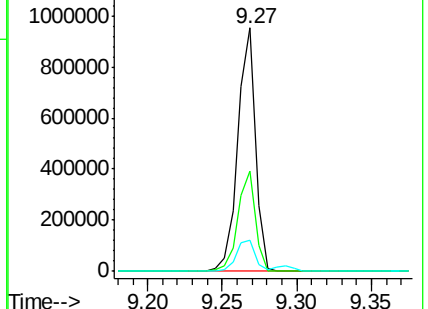
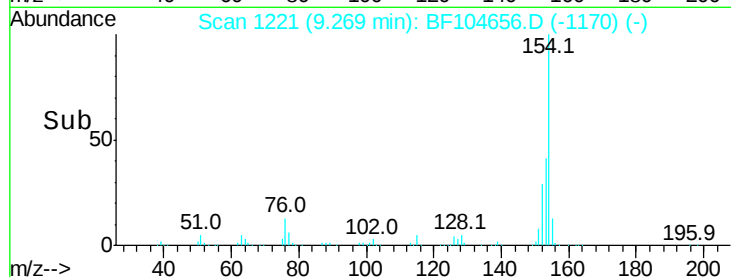
76 12.8 0.0 34.0



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: 39.425 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

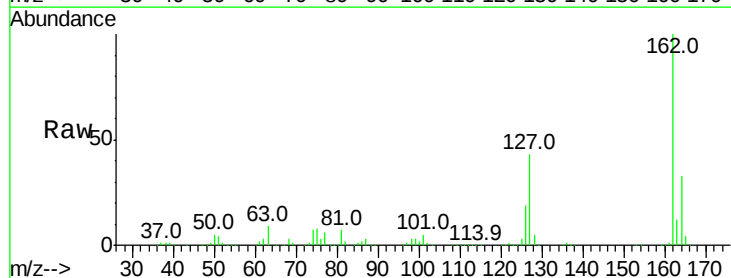
Tgt Ion:162 Resp: 628105

Ion Ratio Lower Upper

162 100

127 42.7 33.9 50.9

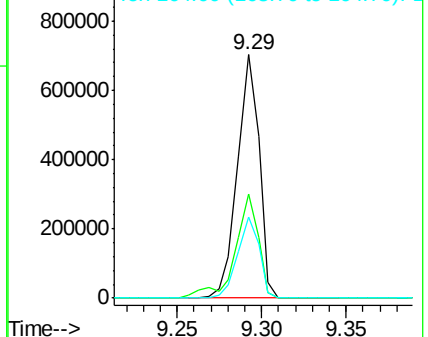
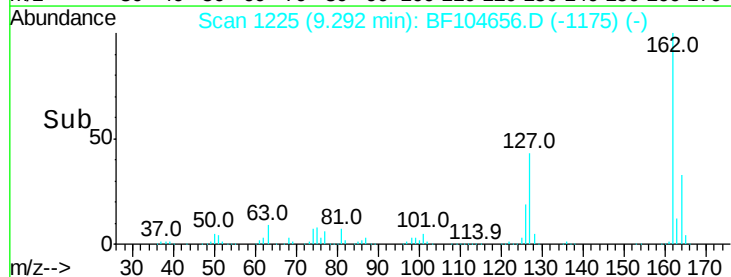
164 33.2 26.5 39.7

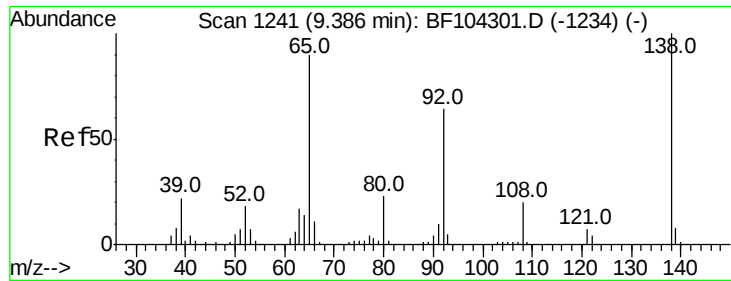


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

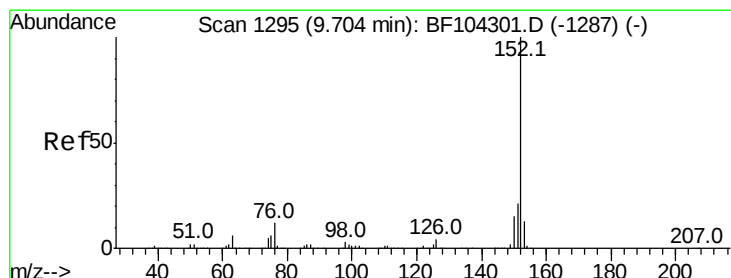
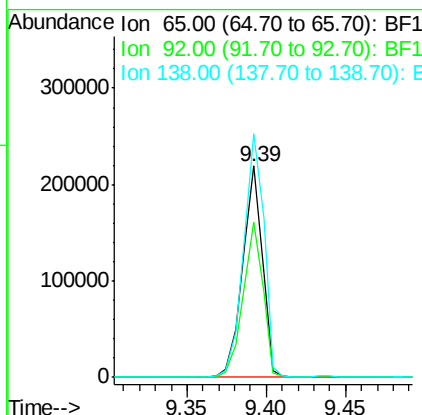
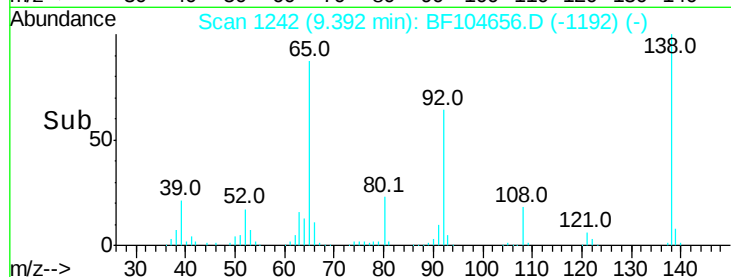
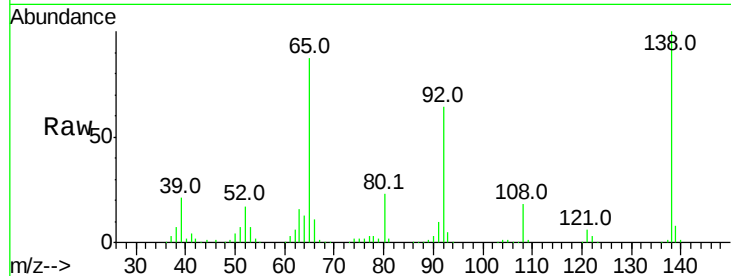




#47
 2-Nitroaniline
 Concen: 48.104 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

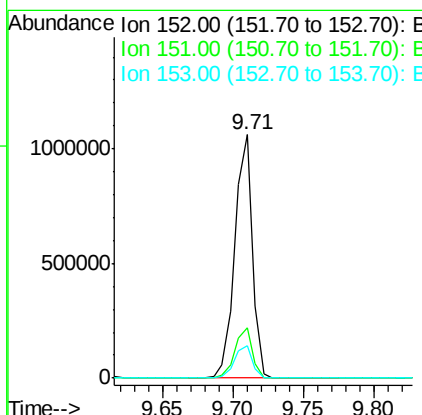
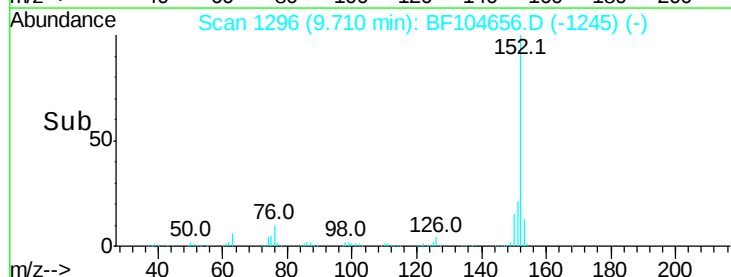
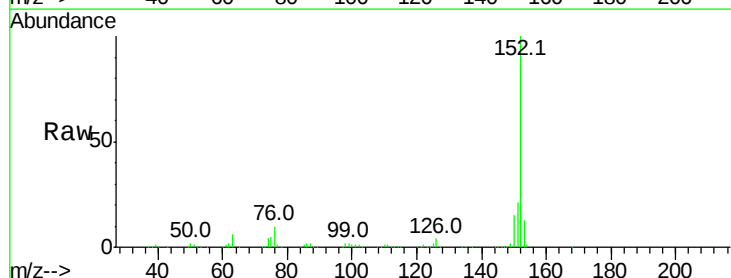
Instrument :
 BNA_F
 ClientSampleId :

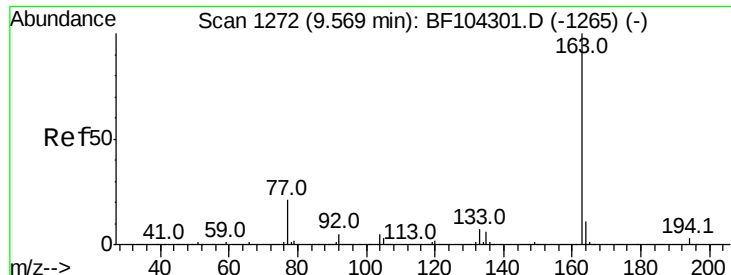
Tot Ion: 65 Resp: 189526
 Ion Ratio Lower Upper
 65 100
 92 73.3 55.8 83.6
 138 115.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.784 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:152 Resp: 919457
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.1 10.7 16.1

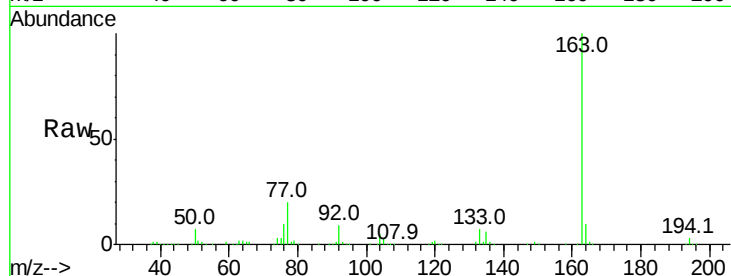




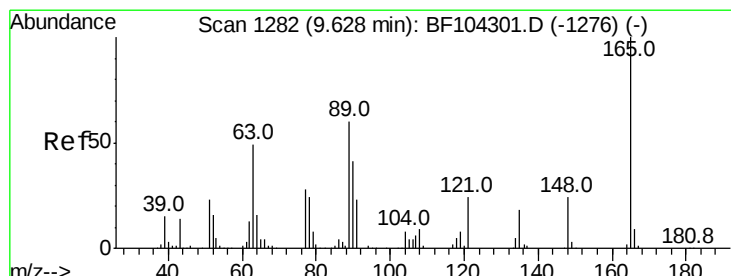
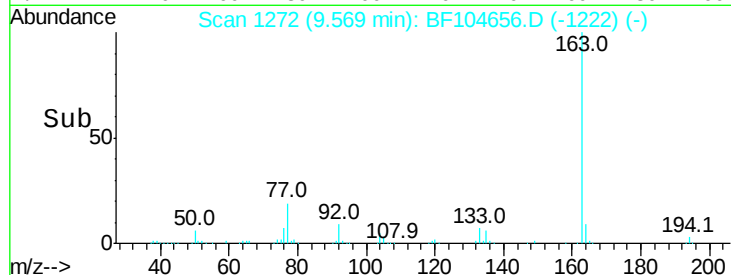
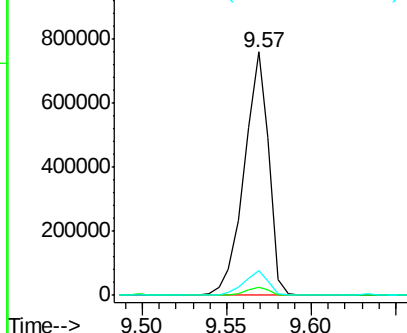
#49
Dimethylphthalate
Concen: 40.501 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 766828
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

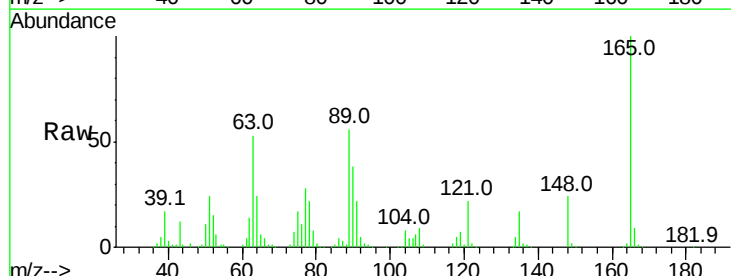


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

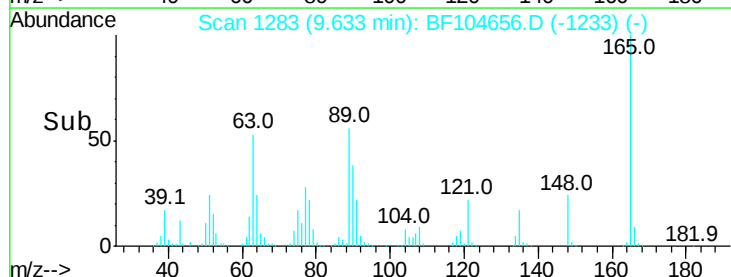
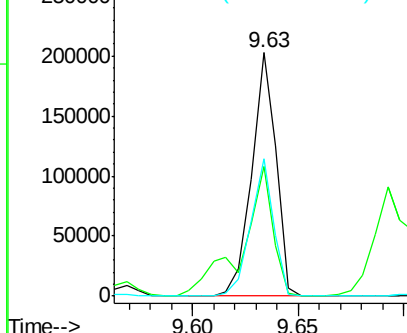


#50
2,6-Dinitrotoluene
Concen: 46.355 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:165 Resp: 162402
Ion Ratio Lower Upper
165 100
63 53.5 44.7 67.1
89 56.4 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: 35.101 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

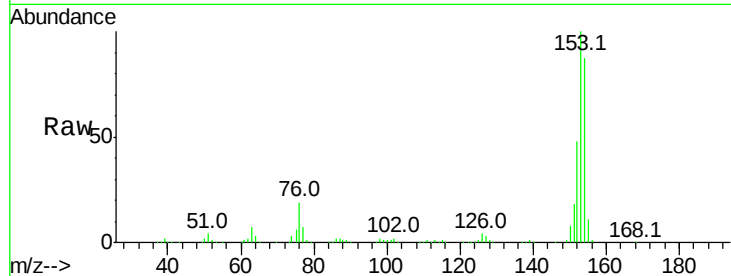
Tot Ion:154 Resp: 535327

Ion Ratio Lower Upper

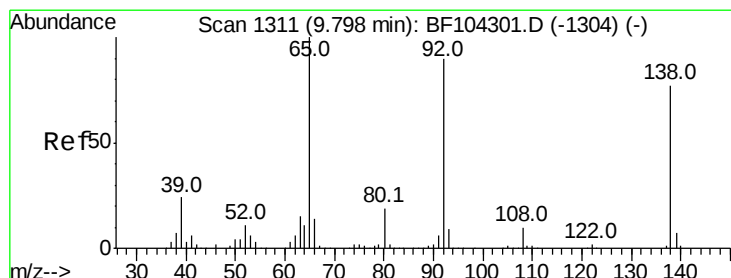
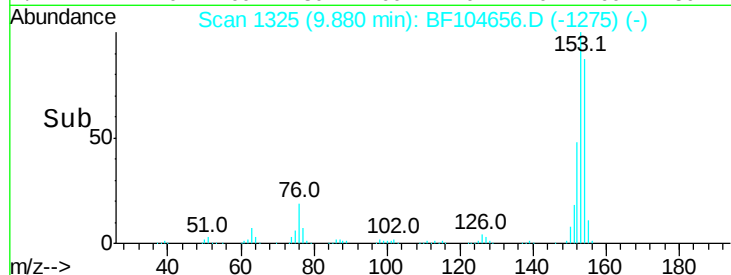
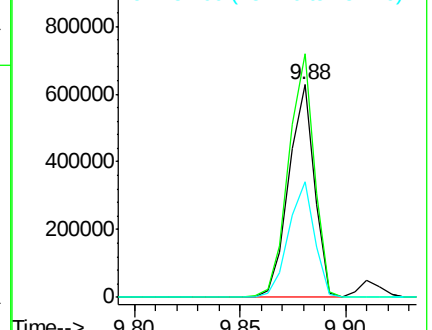
154 100

153 114.6 91.2 136.8

152 54.4 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: 17.381 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

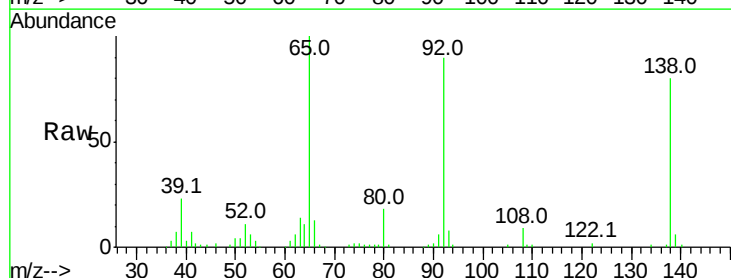
Tgt Ion:138 Resp: 71287

Ion Ratio Lower Upper

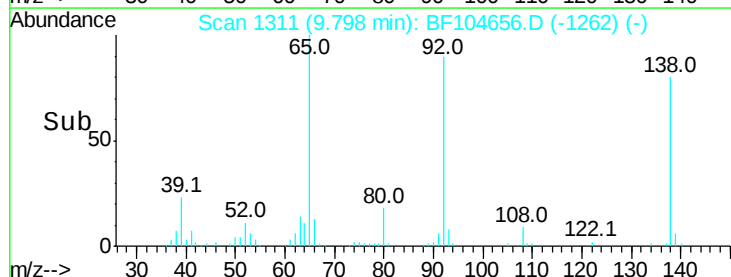
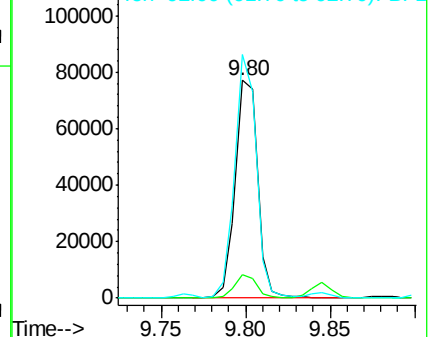
138 100

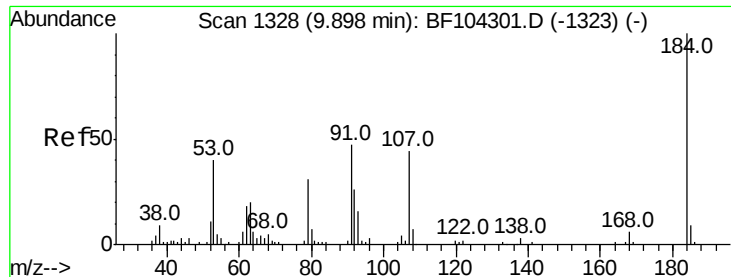
108 10.9 9.4 14.0

92 112.0 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

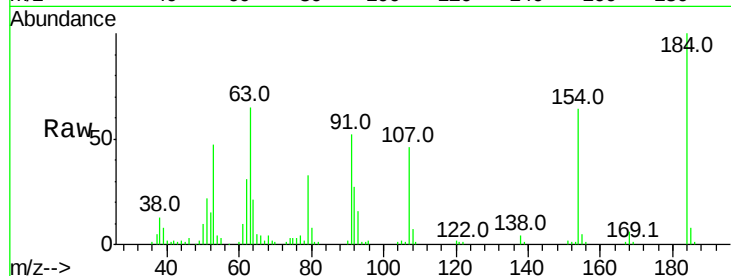




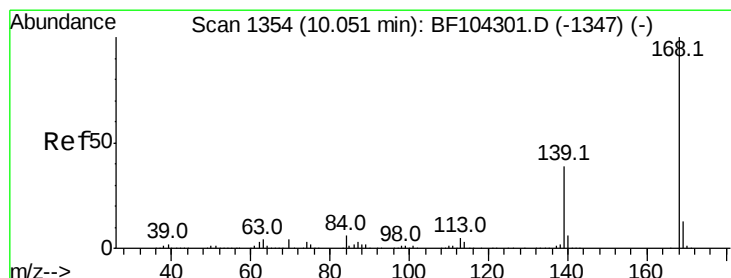
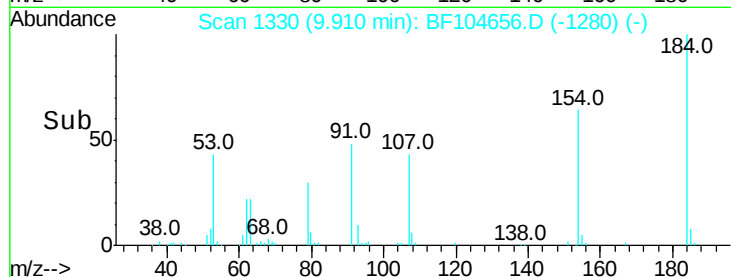
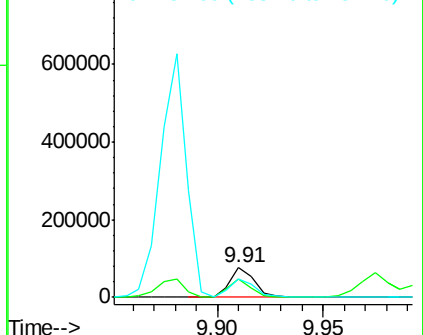
#53
 2,4-Dinitrophenol
 Concen: 52.129 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 62287
 Ion Ratio Lower Upper
 184 100
 63 64.5 54.2 81.2
 154 64.4 184.0 276.0#

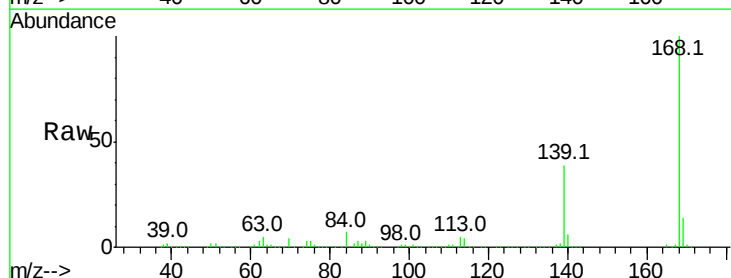


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

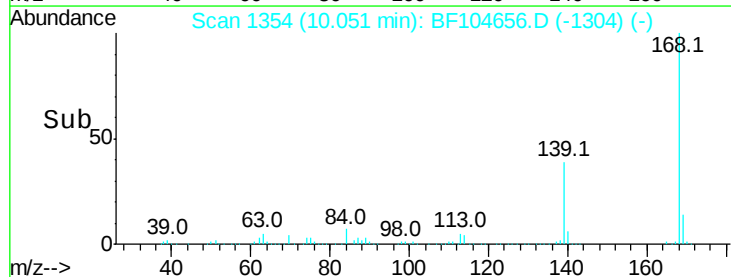
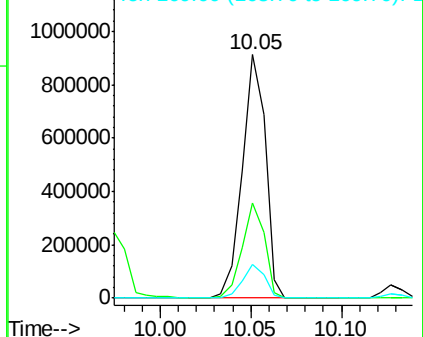


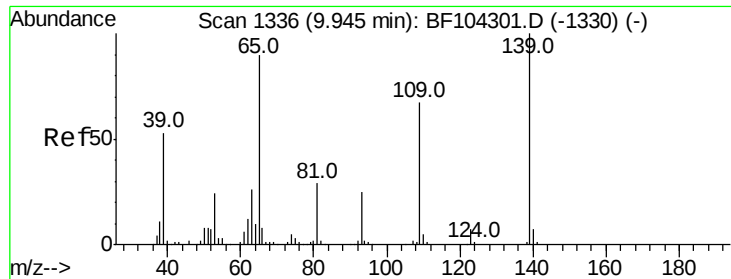
#54
 Dibenzofuran
 Concen: 38.132 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:168 Resp: 810454
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

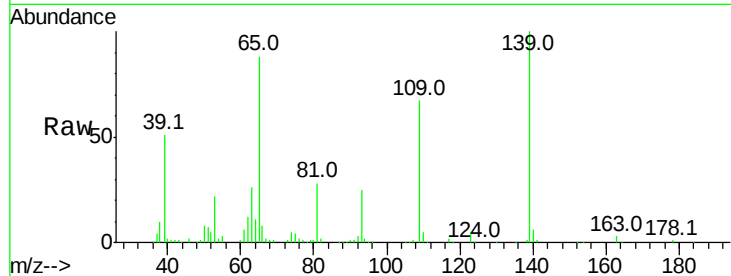




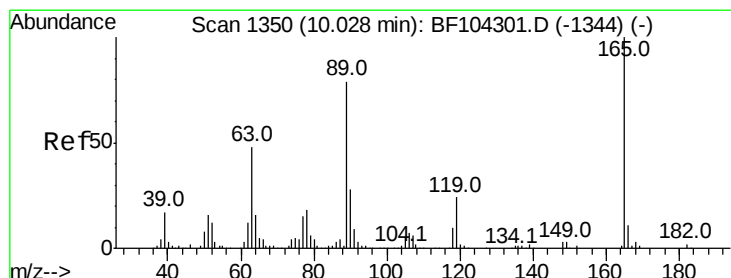
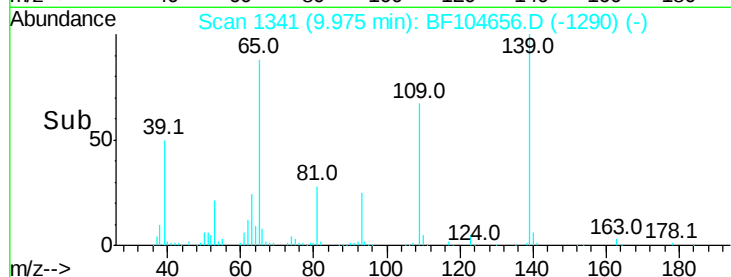
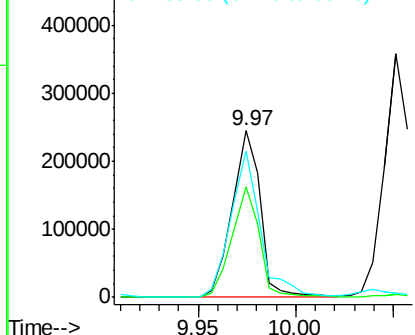
#55
 4-Nitrophenol
 Concen: 76.700 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.5	48.4	88.4
65	87.8	72.6	112.6



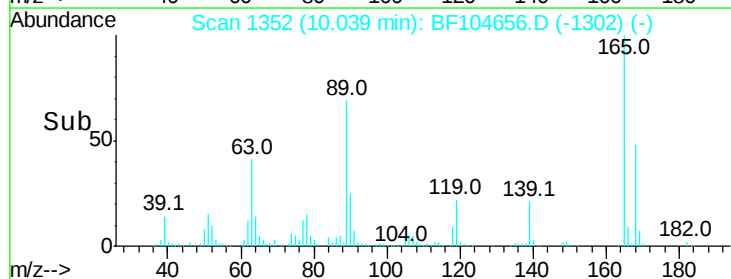
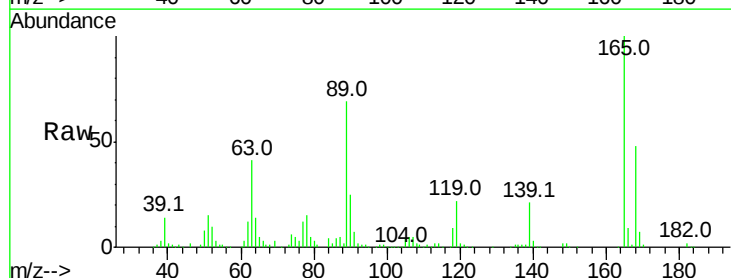
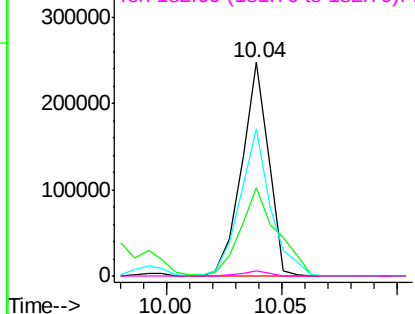
Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

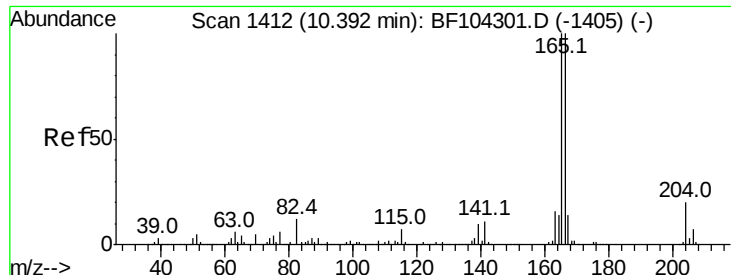


#56
 2,4-Dinitrotoluene
 Concen: 43.738 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.5	36.4	54.6
89	69.1	57.8	86.6
182	2.3	1.6	2.4

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

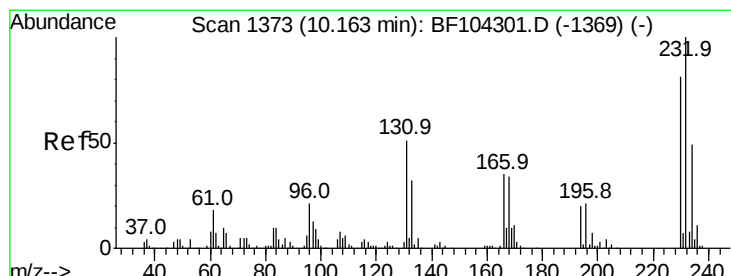
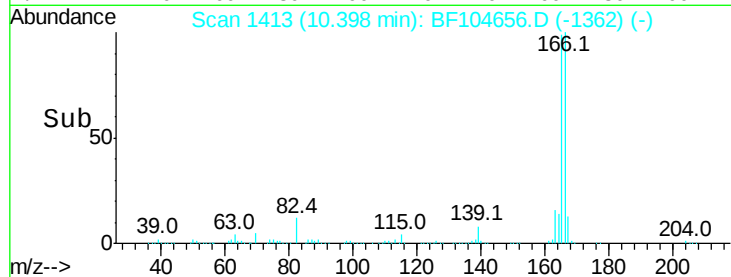
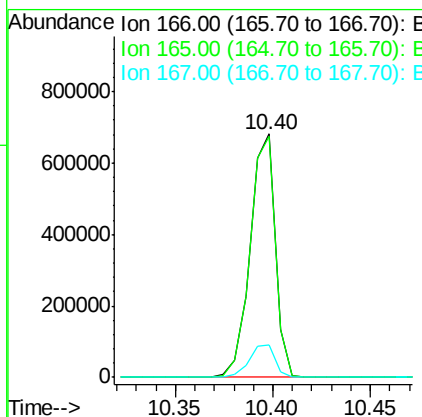
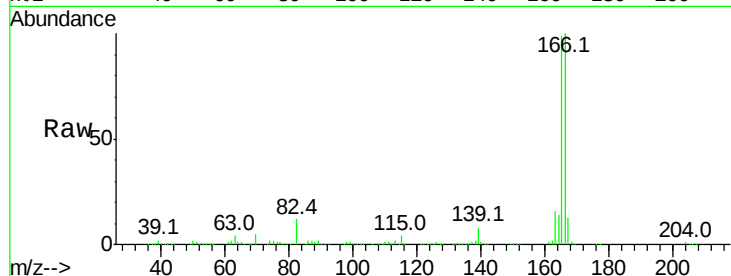




#57
Fluorene
 Concen: 39.276 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

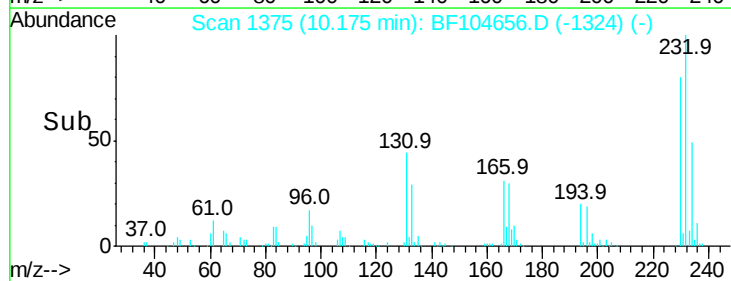
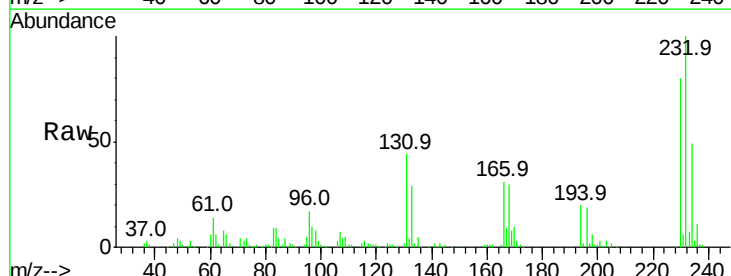
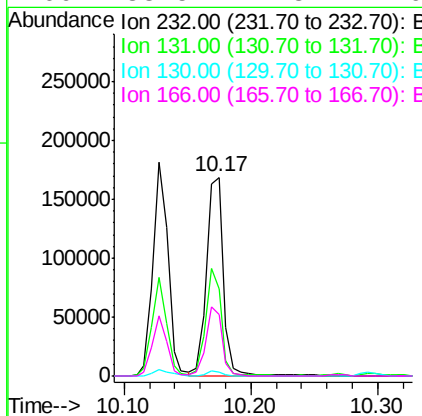
Instrument :
 BNA_F
 ClientSampleId :

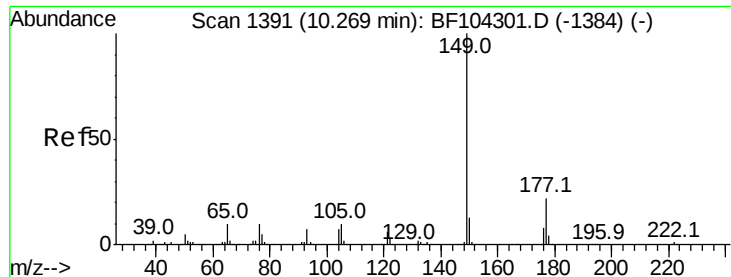
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.4	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.622 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.5	43.8	65.8
130	2.4	2.1	3.1
166	33.5	27.8	41.6

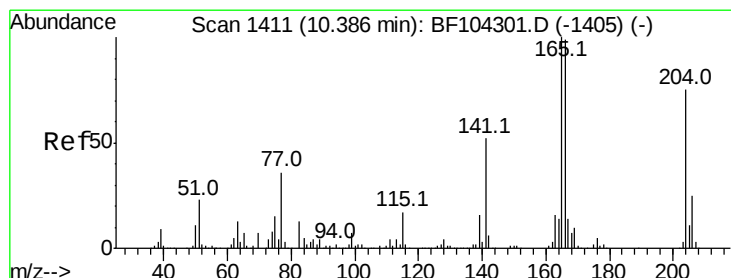
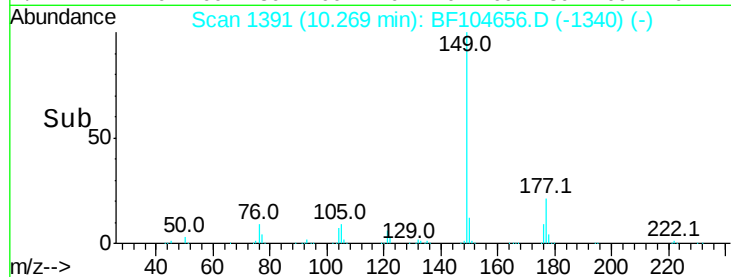
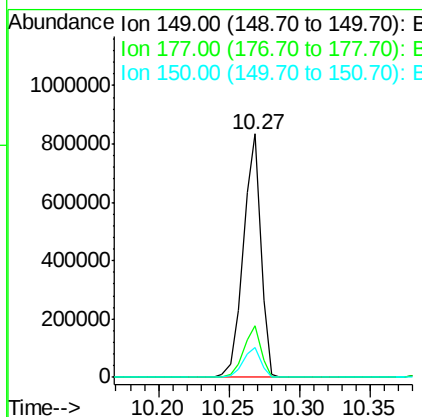
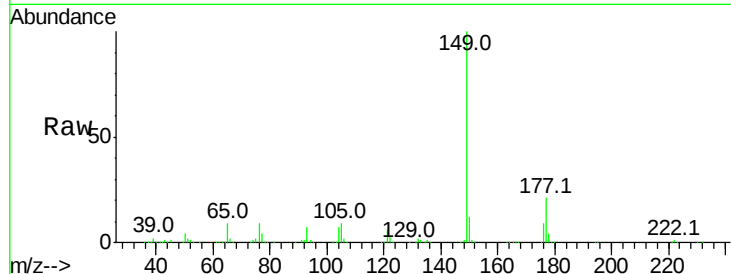




#59
Diethylphthalate
Concen: 38.031 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

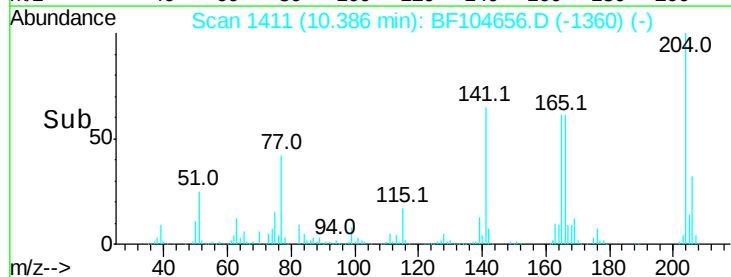
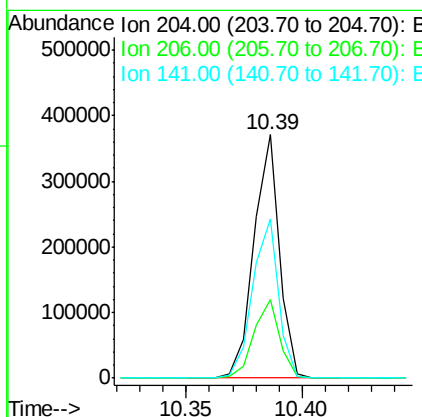
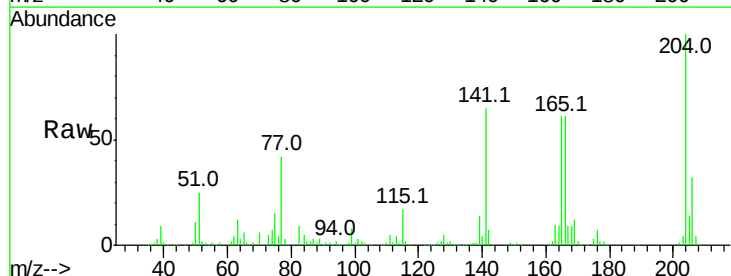
Instrument :
BNA_F
ClientSampled :

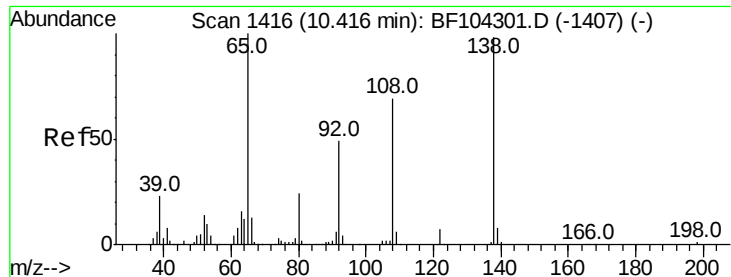
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.576 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	65.3	54.6	81.8





#61

4-Nitroaniline

Concen: 35.376 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

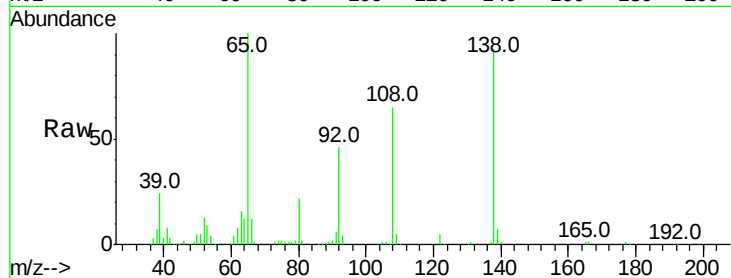
Tot Ion:138 Resp: 141870

Ion Ratio Lower Upper

138 100

92 49.0 30.2 70.2

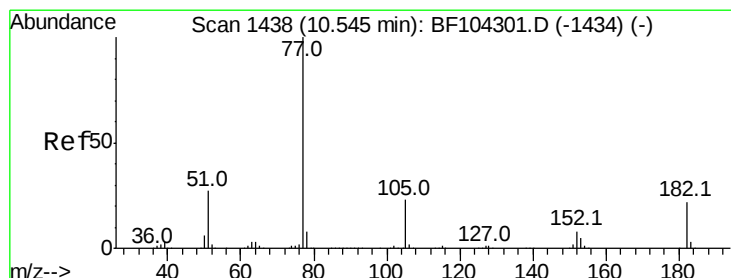
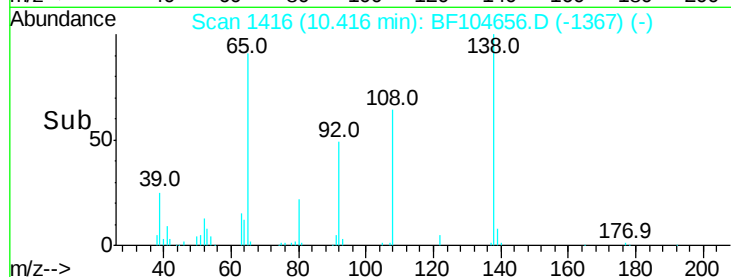
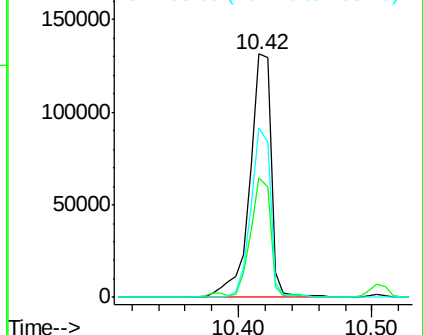
108 69.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.439 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion: 77 Resp: 656453

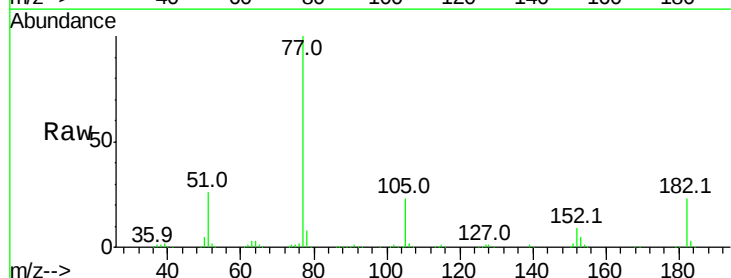
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 23.4 3.0 43.0

51 25.8 9.9 49.9

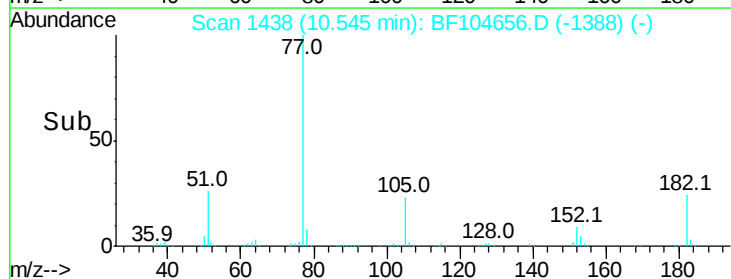
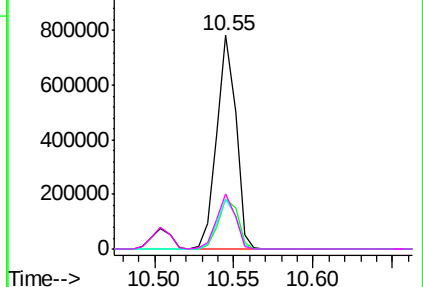


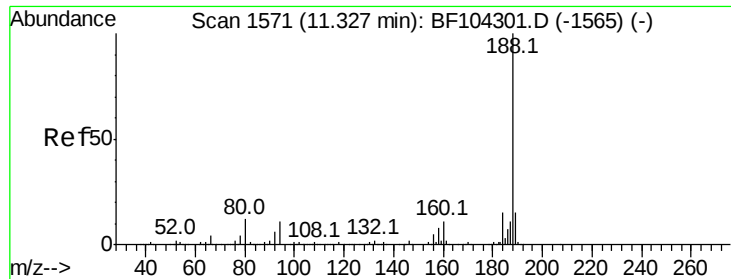
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

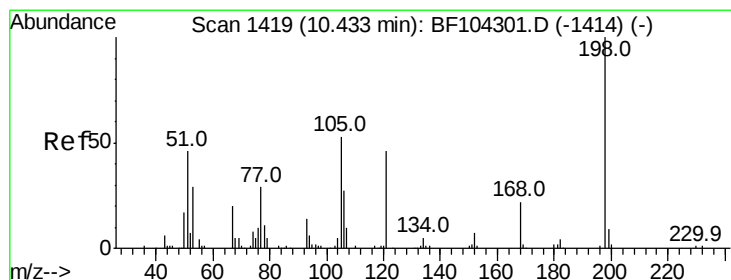
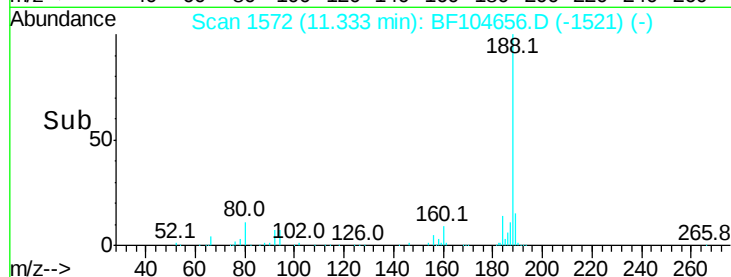
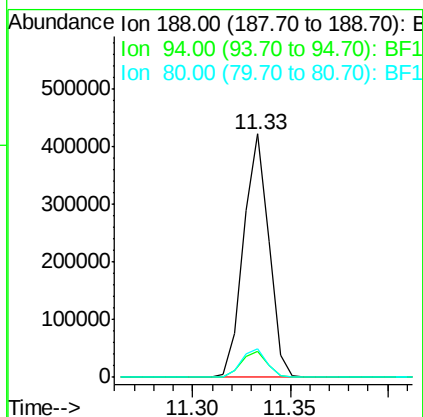
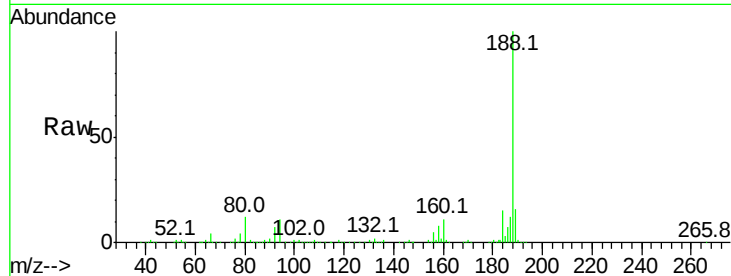




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

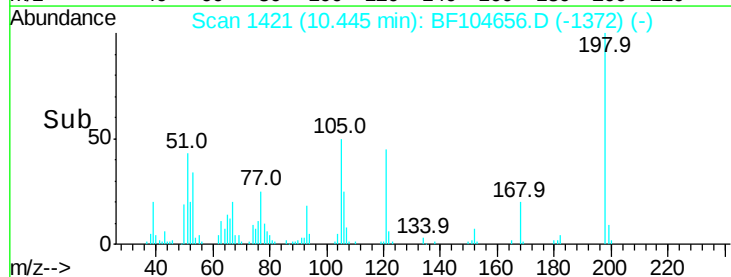
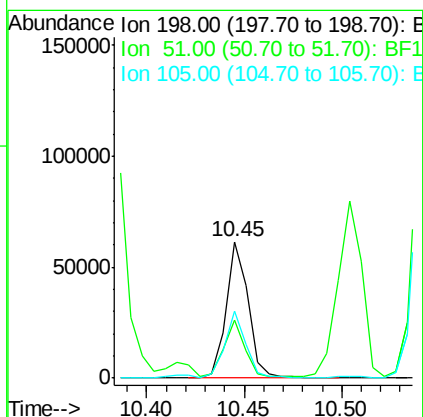
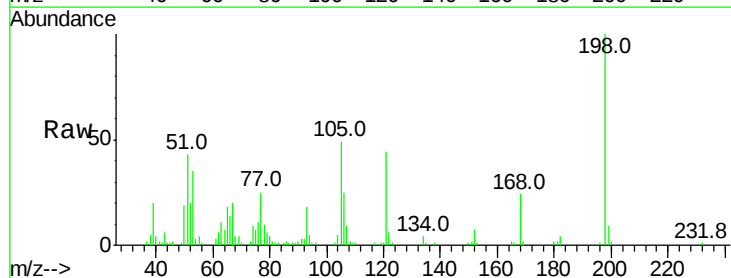
Instrument :
BNA_F
ClientSampleId :

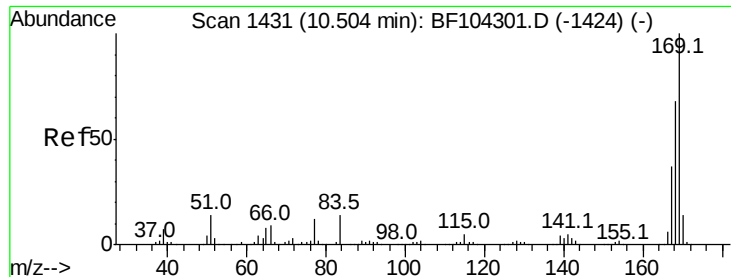
Tot Ion:188 Resp: 379406
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.398 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:198 Resp: 48109
Ion Ratio Lower Upper
198 100
51 42.7 37.7 77.7
105 49.5 36.3 76.3

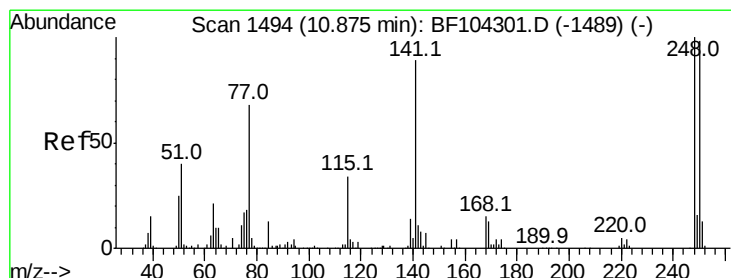
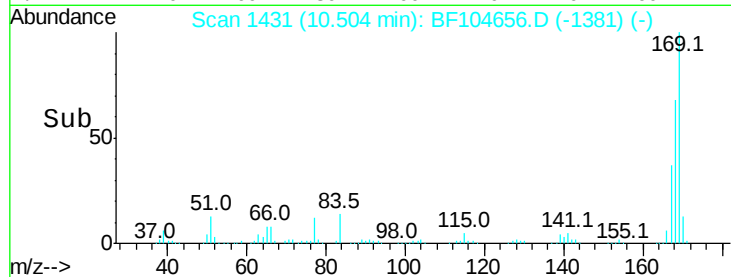
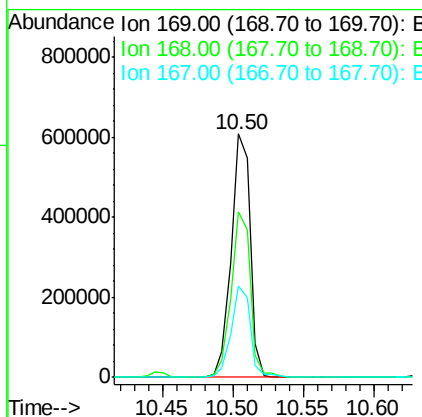
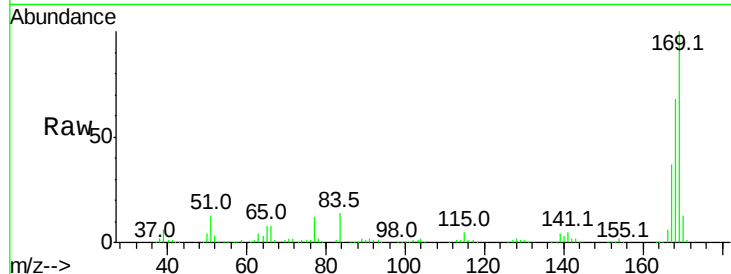




#65
 n-Nitrosodiphenylamine
 Concen: 43.157 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

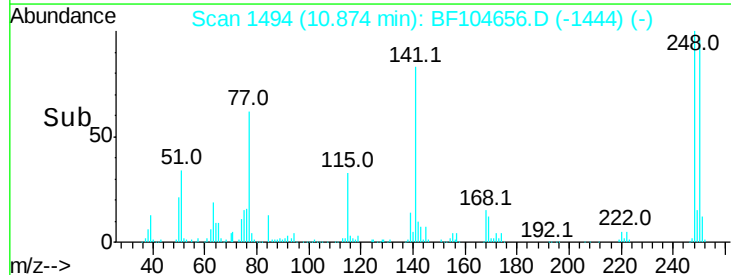
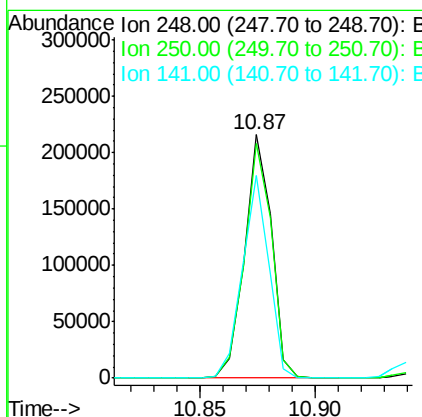
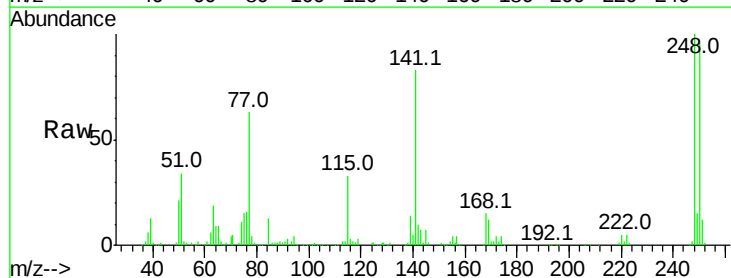
Instrument :
 BNA_F
 ClientSampleId :

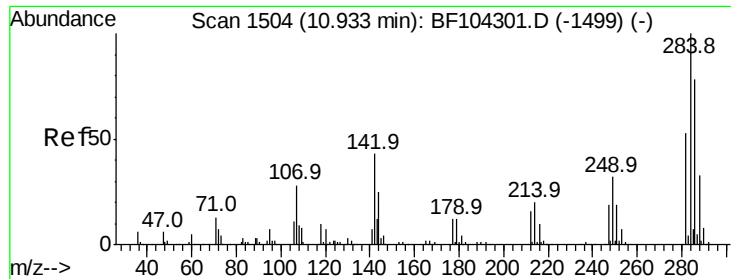
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.713 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	83.2	74.4	111.6

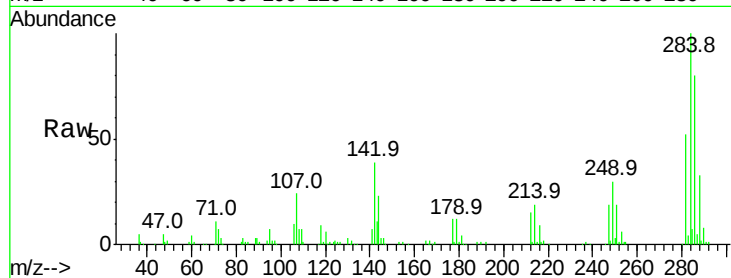




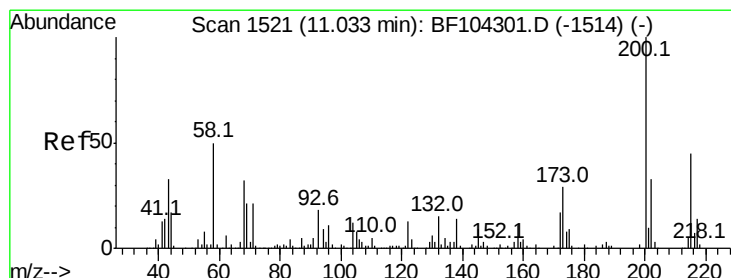
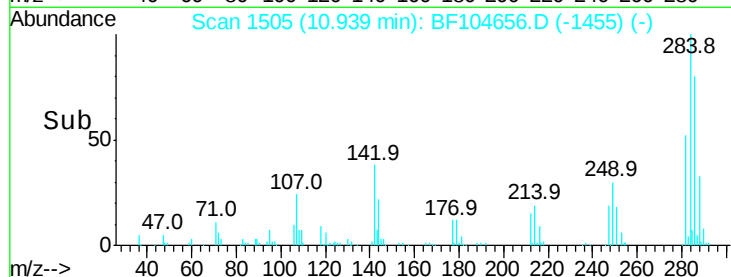
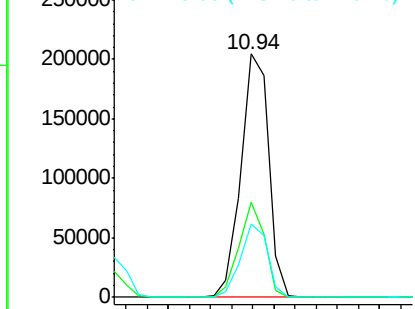
#67
Hexachlorobenzene
Concen: 40.980 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 186088
Ion Ratio Lower Upper
284 100
142 39.3 34.6 52.0
249 30.3 24.8 37.2

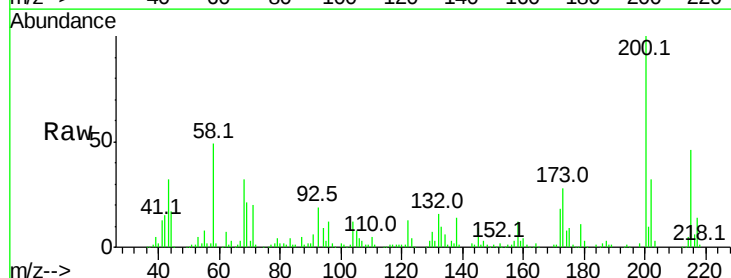


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

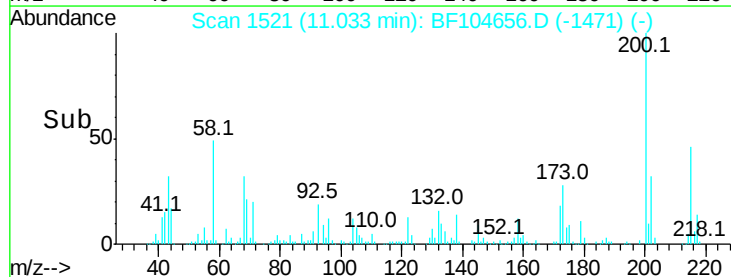
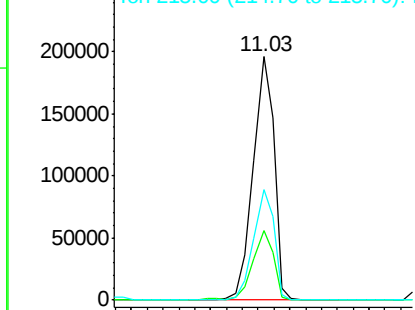


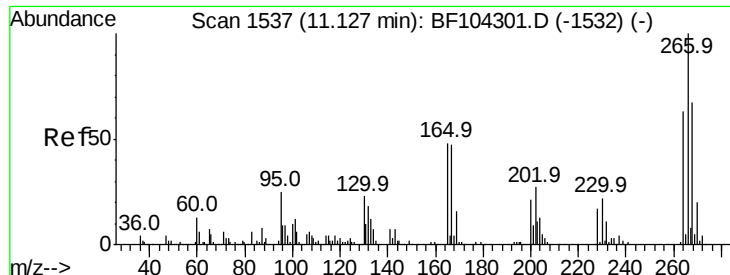
#68
Atrazine
Concen: 45.403 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:200 Resp: 180287
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 45.6 25.1 65.1



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

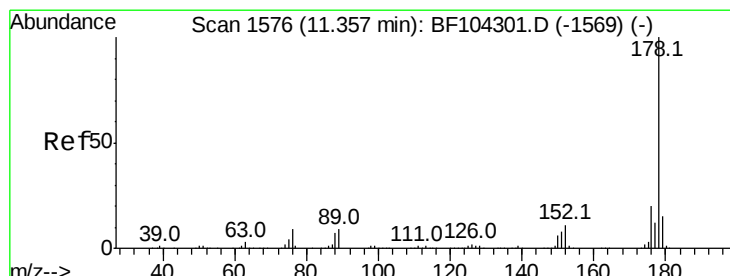
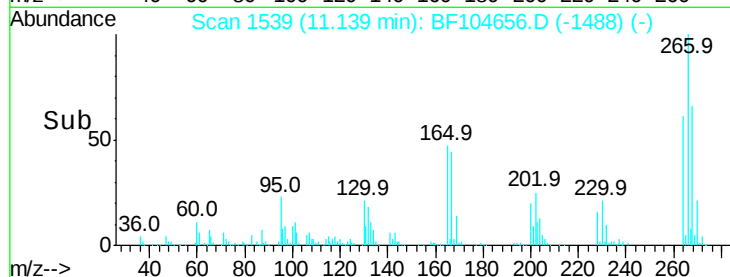
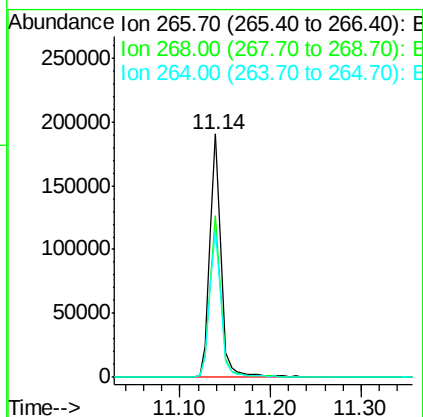
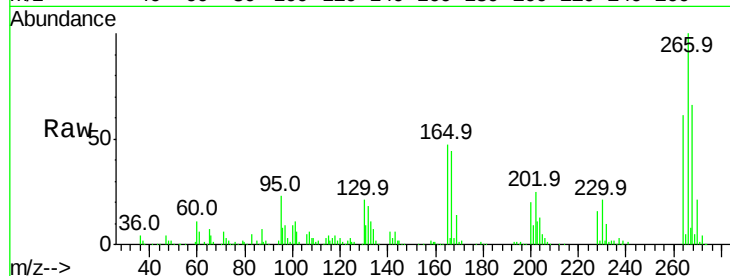




#69
 Pentachlorophenol
 Concen: 61.300 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

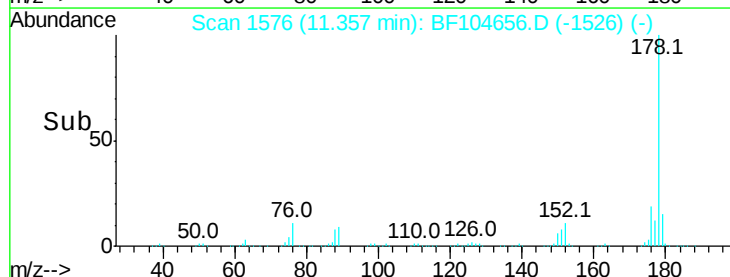
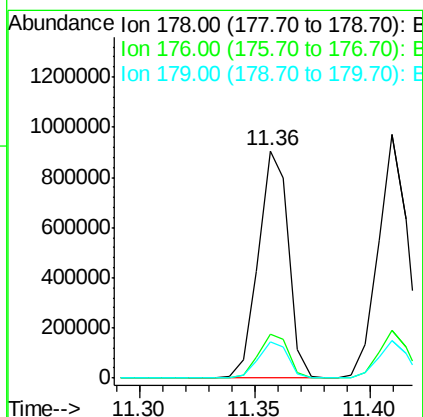
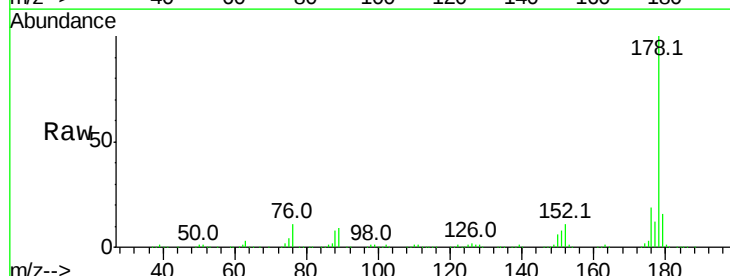
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	60.6	49.5	74.3



#70
 Phenanthrene
 Concen: 38.965 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	13.0	19.6

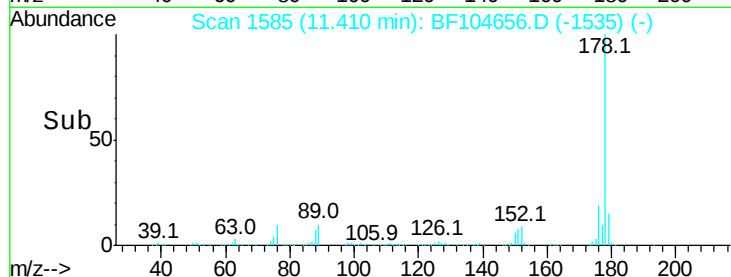
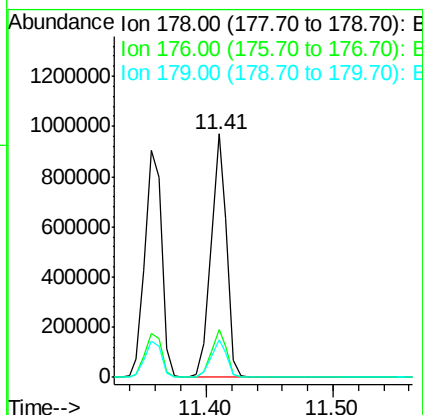
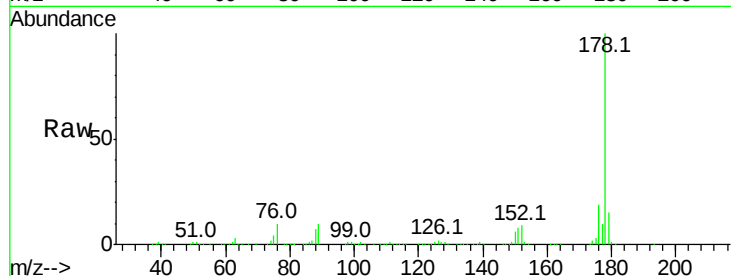




#71
 Anthracene
 Concen: 39.104 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

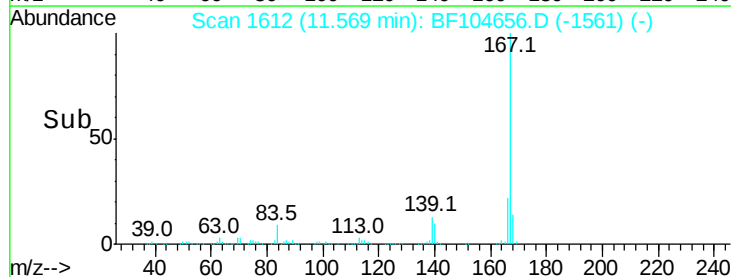
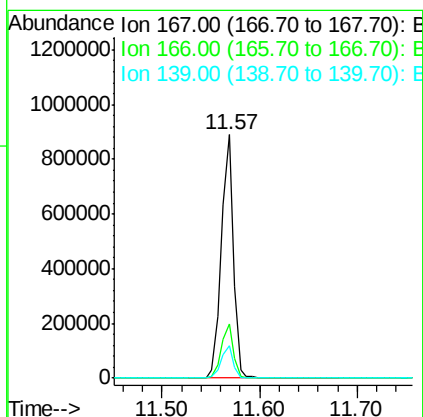
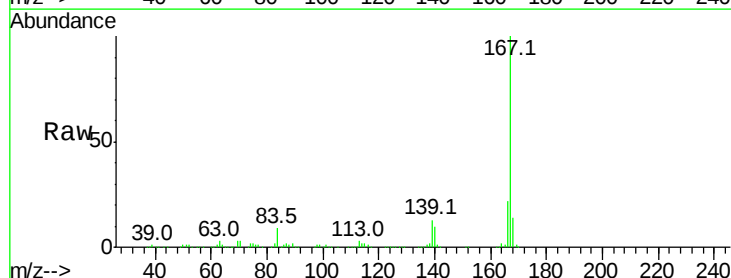
Instrument :
 BNA_F
 ClientSampleId :

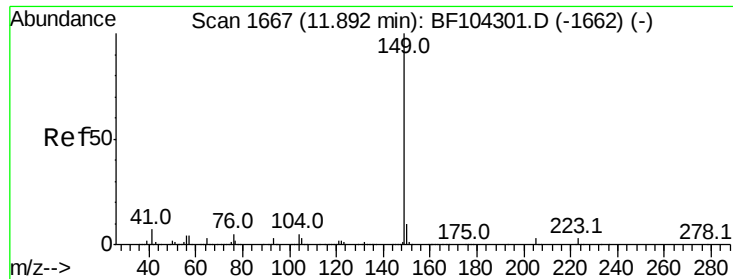
Tot Ion:178 Resp: 839857
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.409 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:167 Resp: 764130
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.589 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

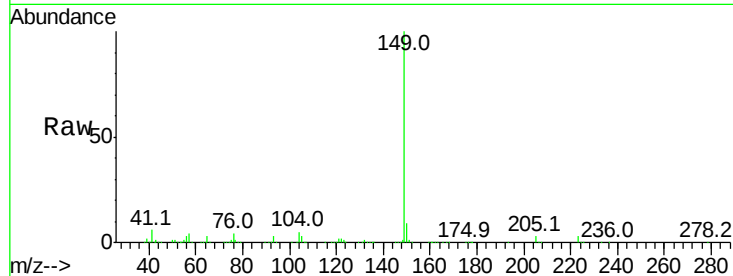
Tot Ion:149 Resp: 1040606

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

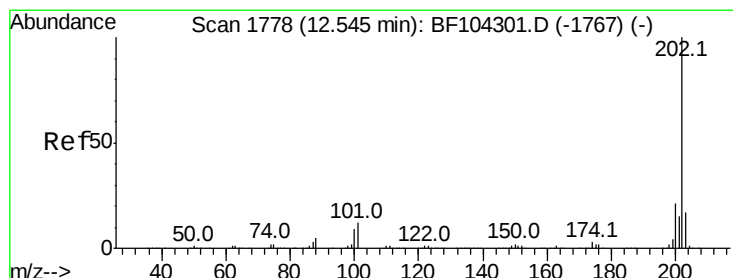
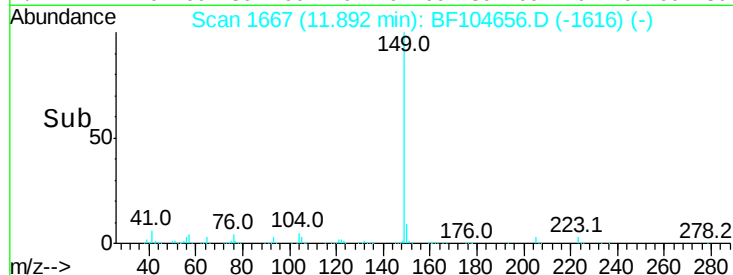
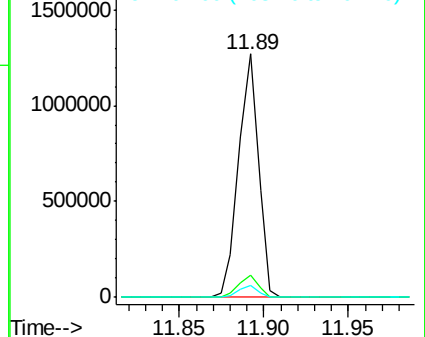
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.002 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

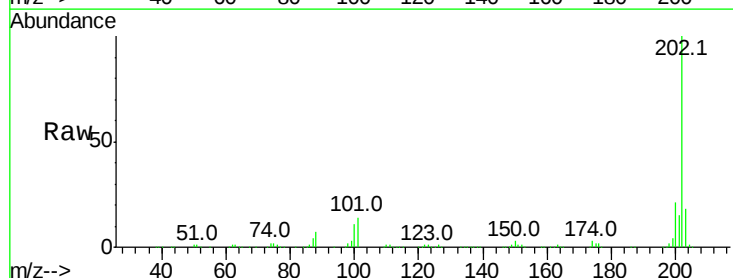
Tgt Ion:202 Resp: 772684

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

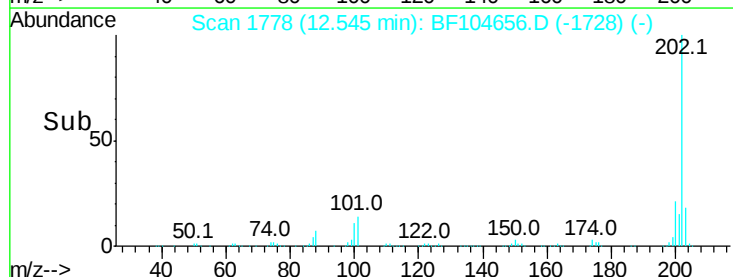
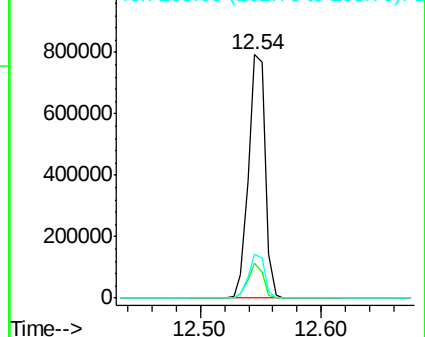
203 18.1 0.0 38.1

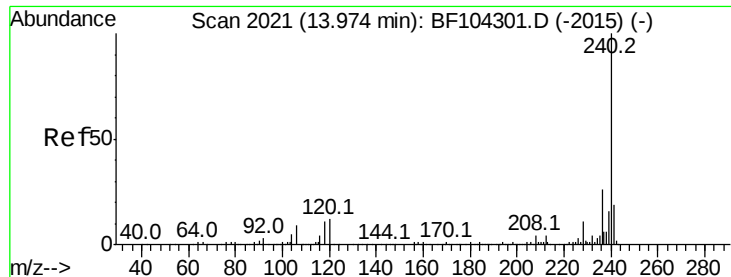


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

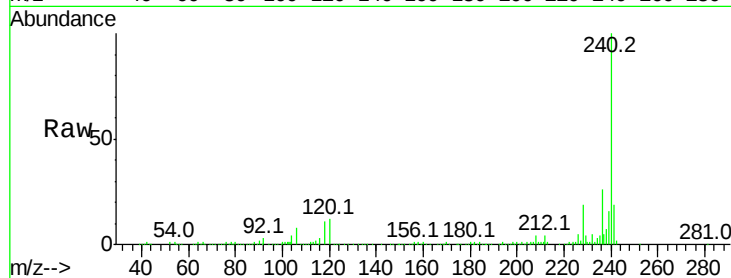
Tot Ion:240 Resp: 268940

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

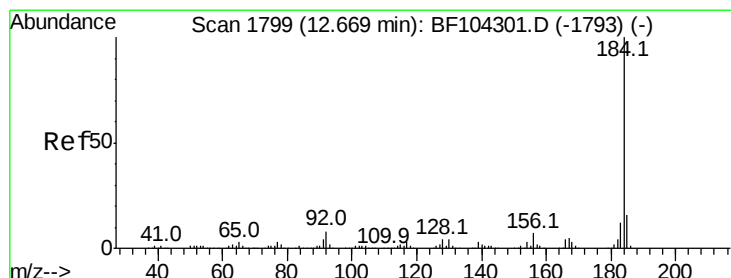
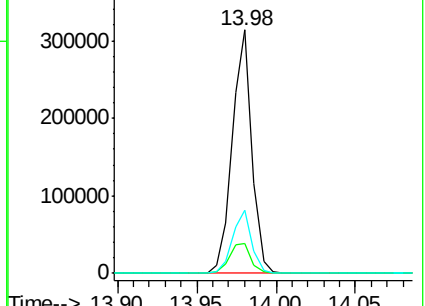
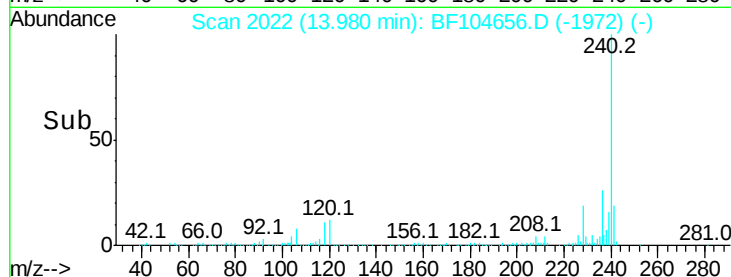
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.944 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

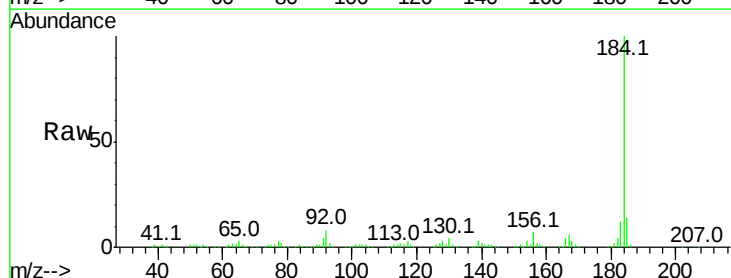
Tgt Ion:184 Resp: 383540

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

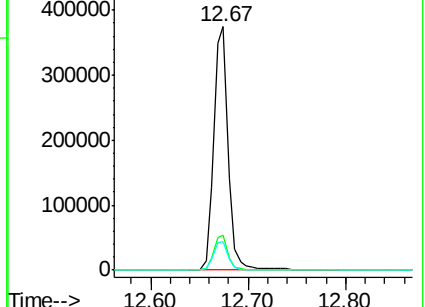
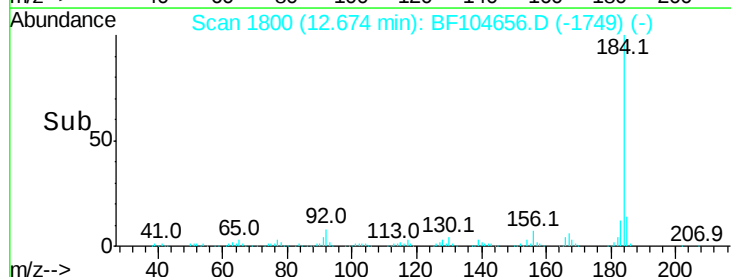
183 11.9 9.3 13.9

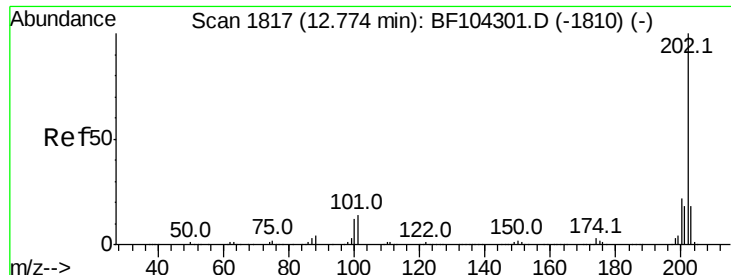


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

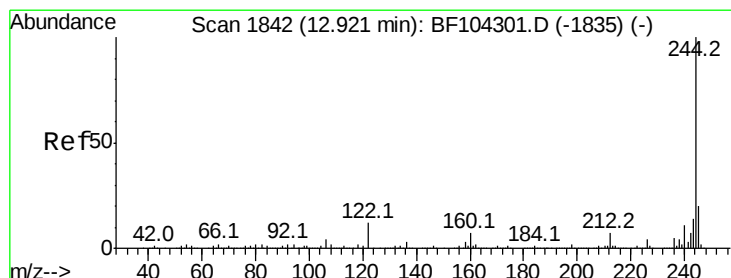
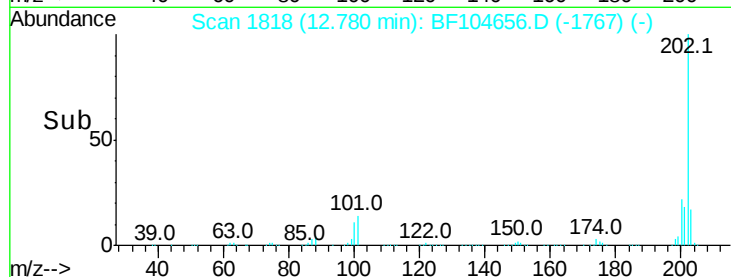
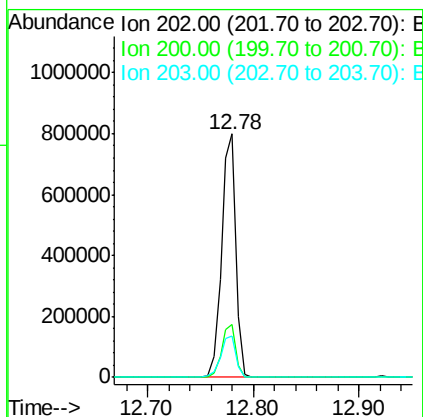
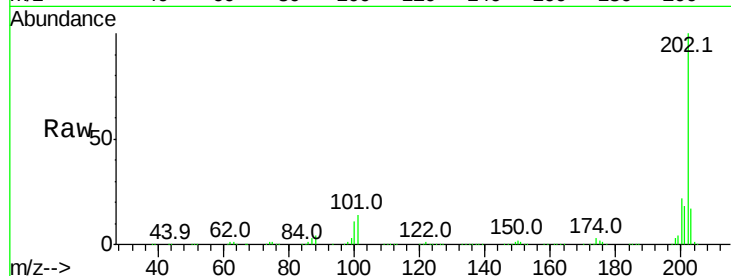




#77
Pvrene
Concen: 37.892 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

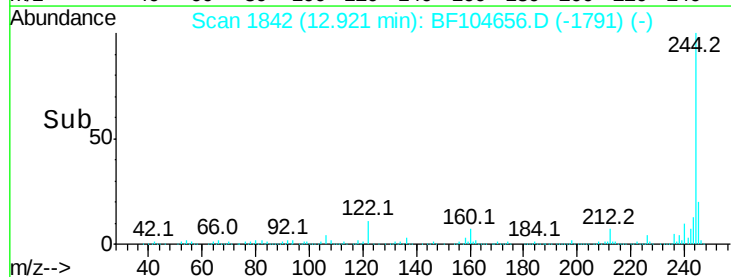
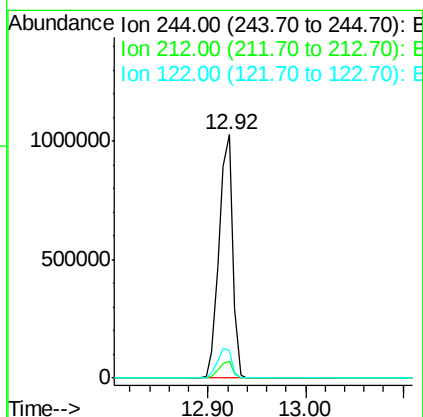
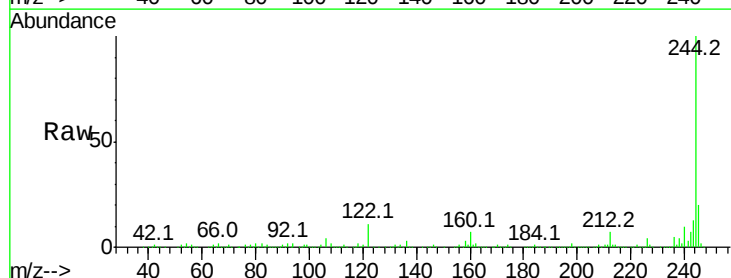
Instrument :
BNA_F
ClientSampleId :

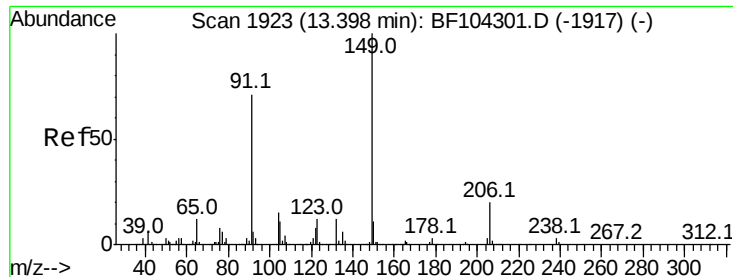
Tot Ion:202 Resp: 755362
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 84.720 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion:244 Resp: 999396
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.4 11.0 16.4

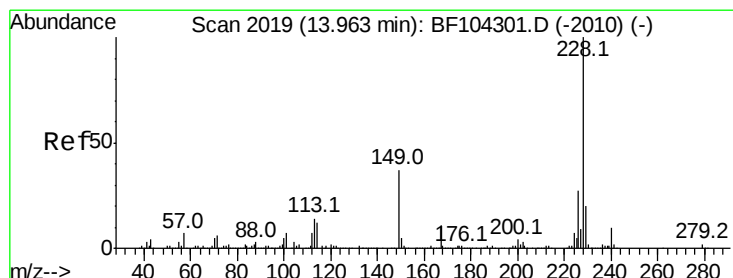
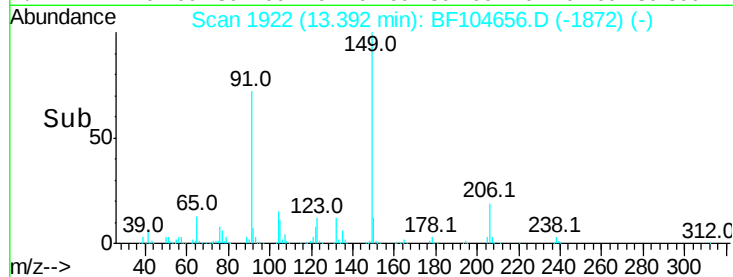
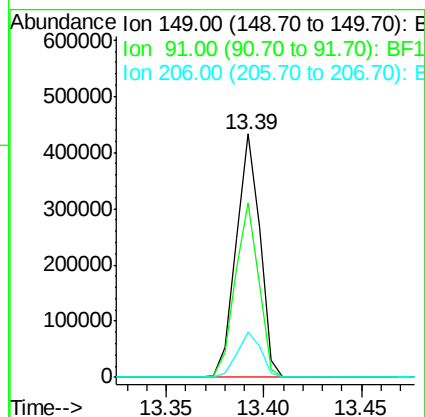
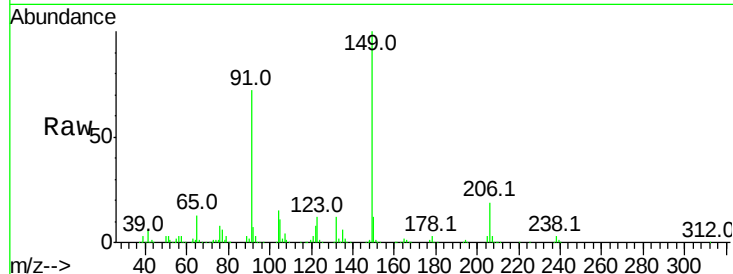




#79
Butylbenzylphthalate
Concen: 39.051 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

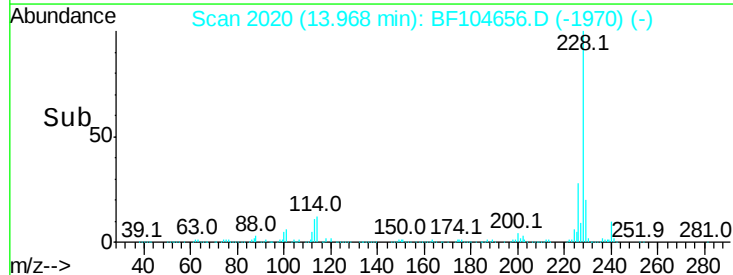
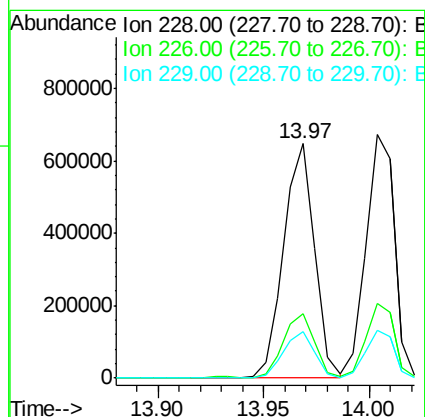
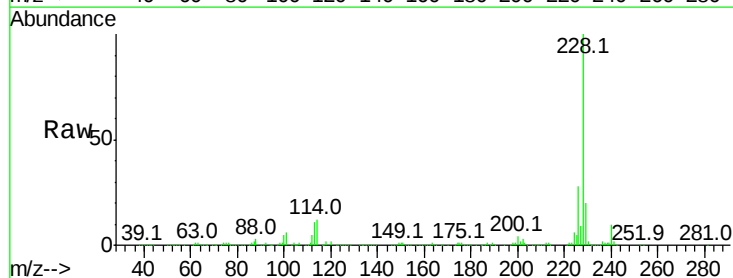
Instrument :
BNA_F
ClientSampleID :

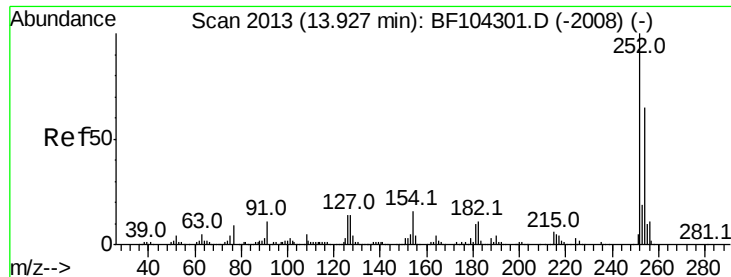
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	18.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.153 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	15.8	23.6

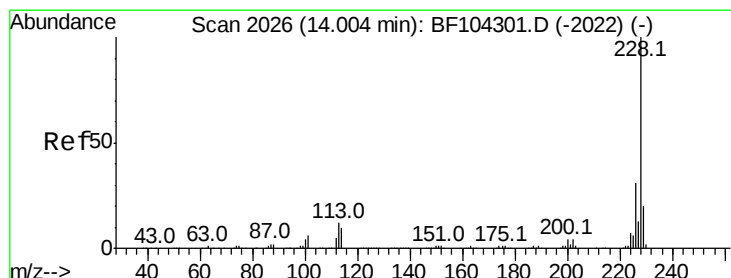
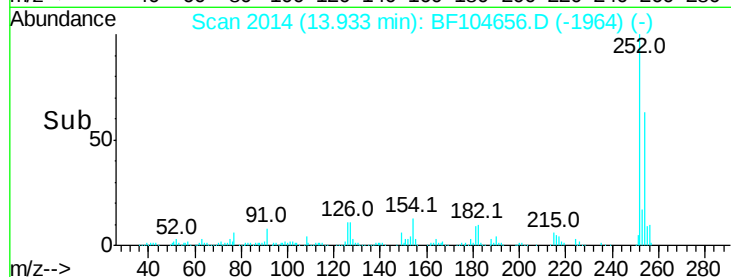
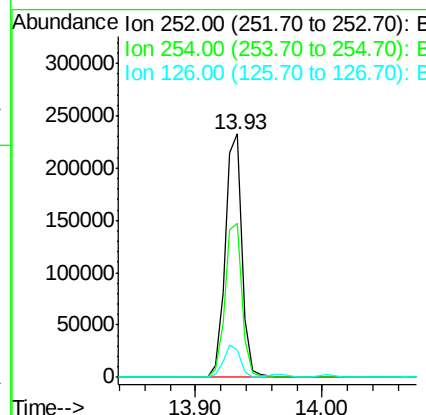
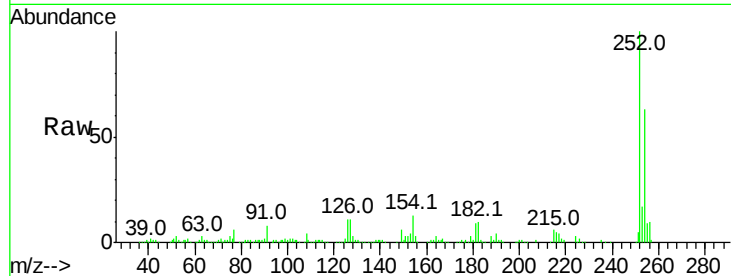




#81
 3,3'-Dichlorobenzidine
 Concen: 35.951 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

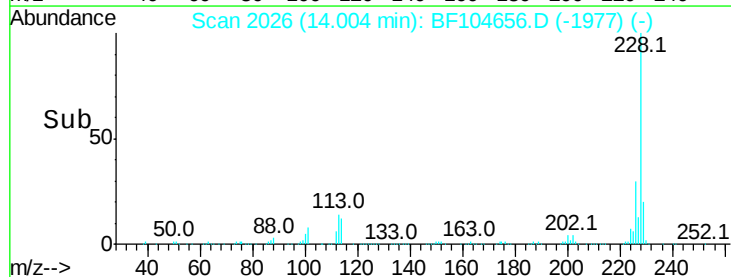
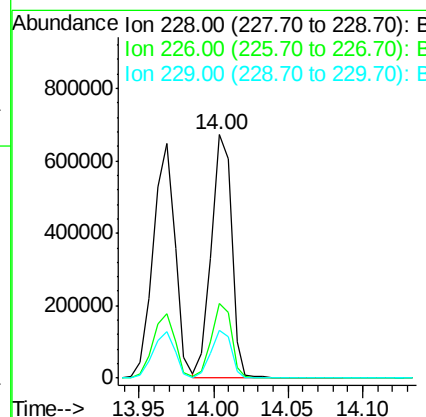
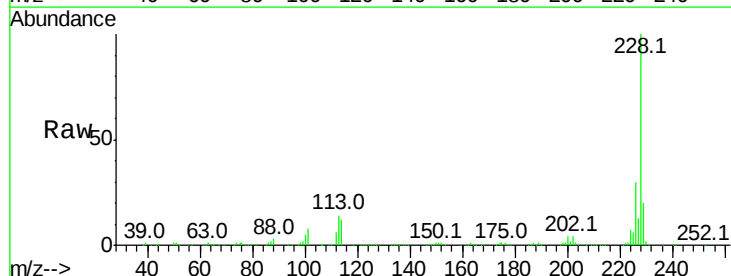
Instrument :
 BNA_F
 ClientSampleId :

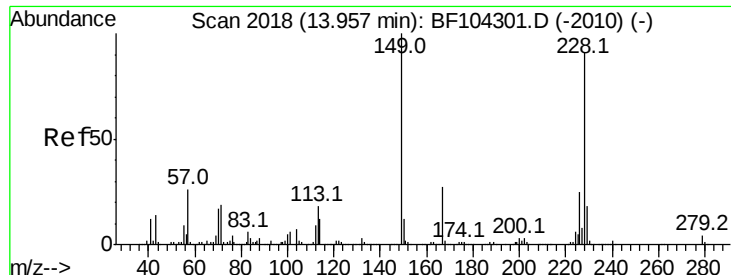
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	11.3	11.3	16.9



#82
 Chrysene
 Concen: 38.441 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.6	16.2	24.4

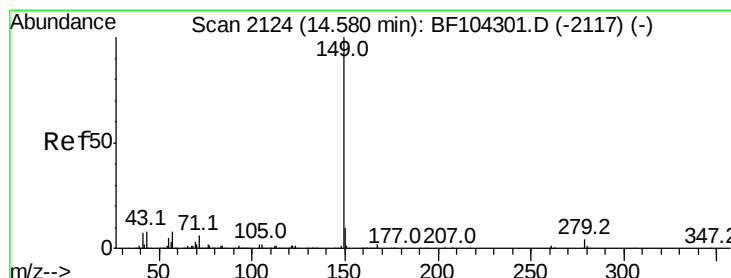
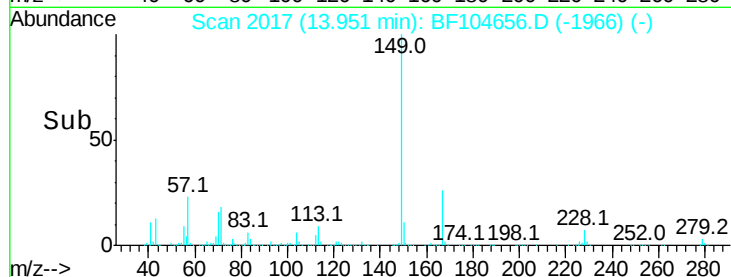
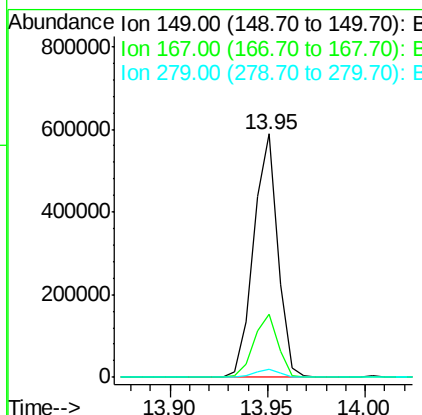
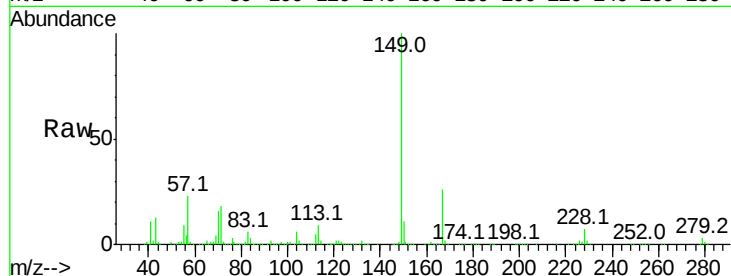




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.696 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

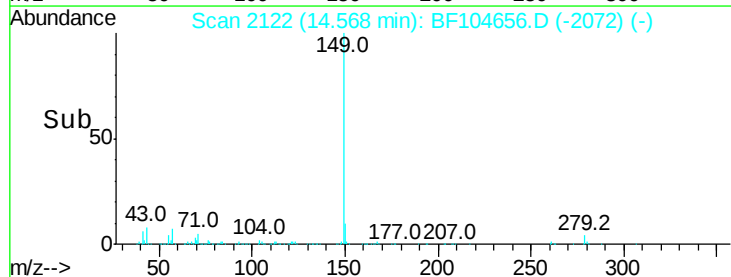
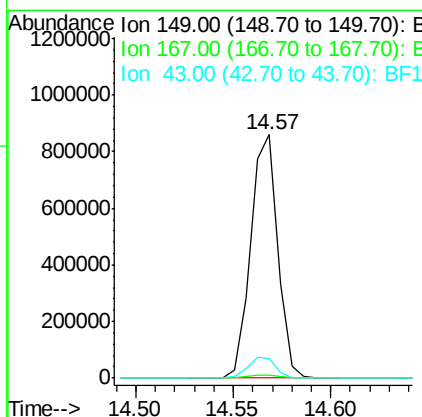
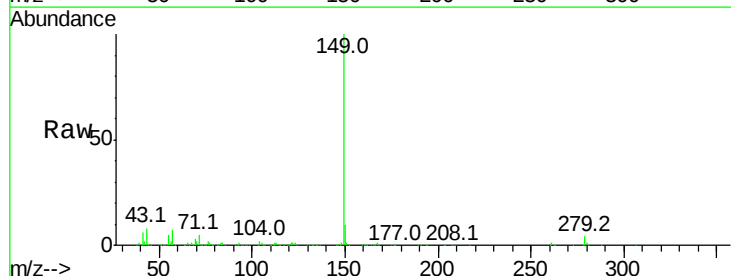
Instrument :
 BNA_F
 ClientSampleId :

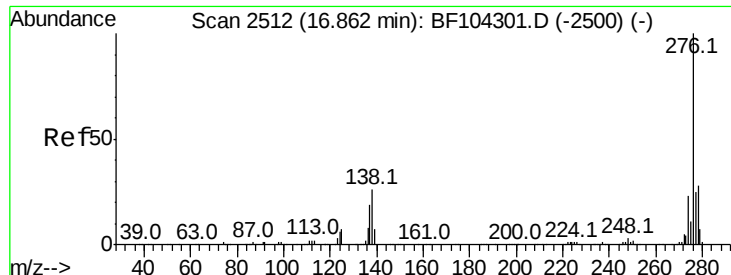
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 40.783 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6

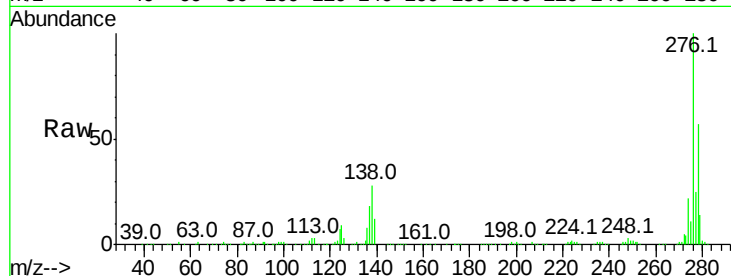




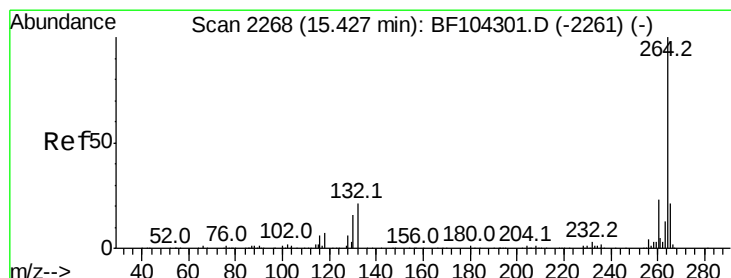
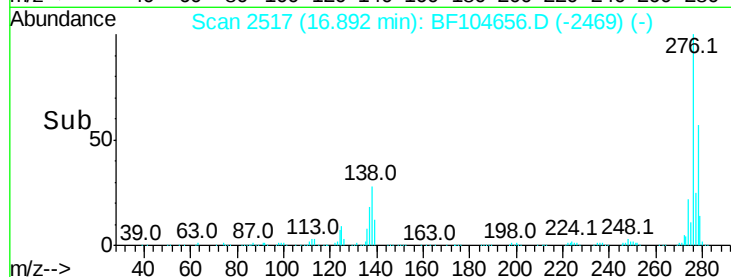
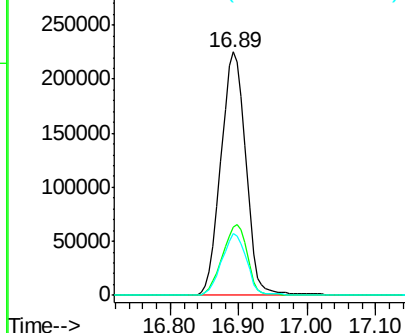
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.746 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.2	20.1	30.1

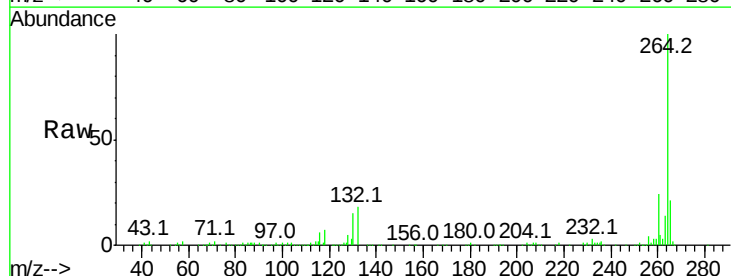


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

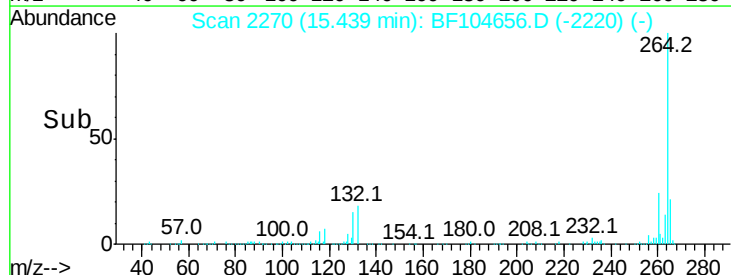
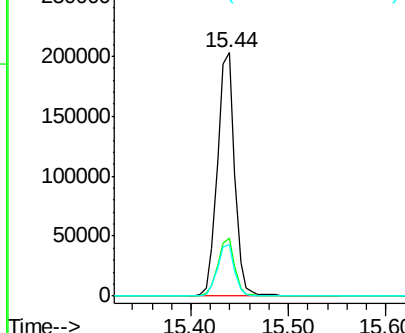


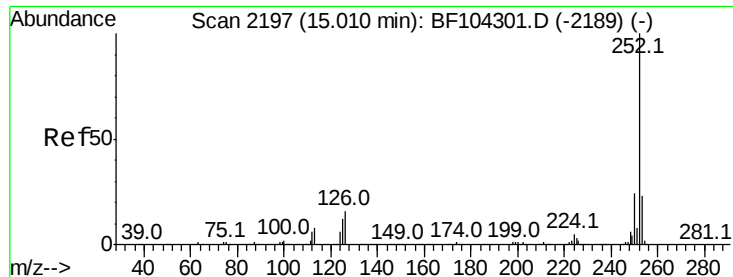
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

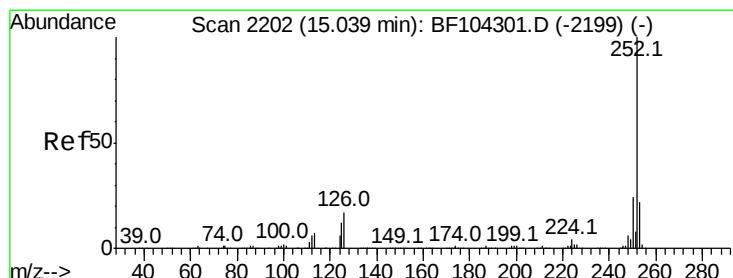
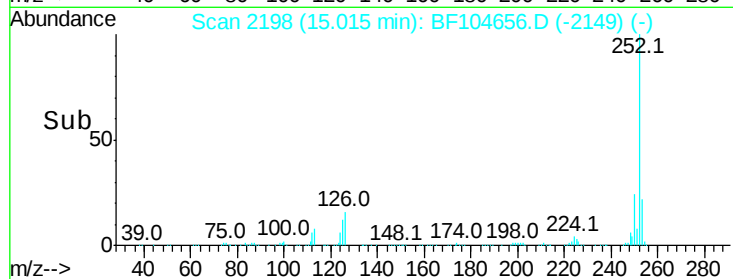
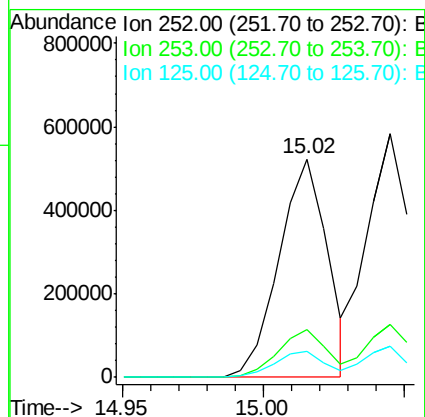
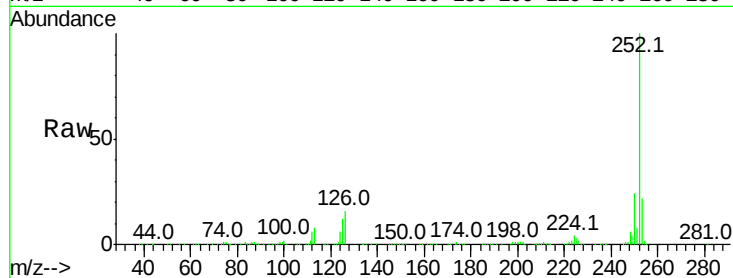




#87
Benzo(b)fluoranthene
Concen: 39.374 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

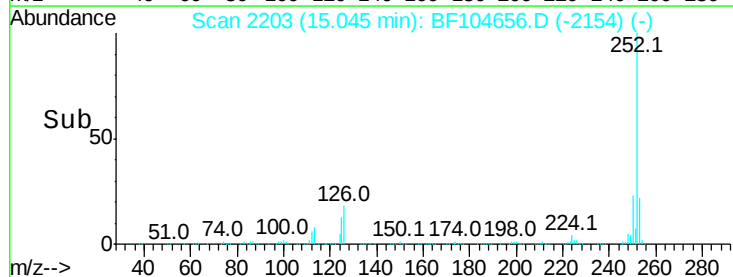
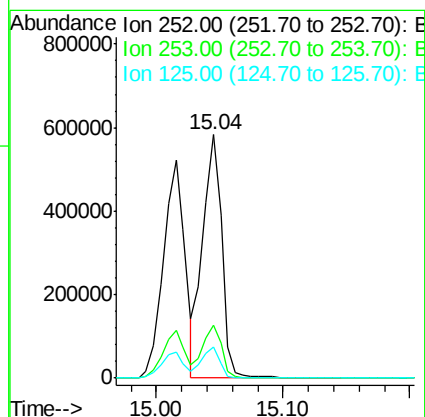
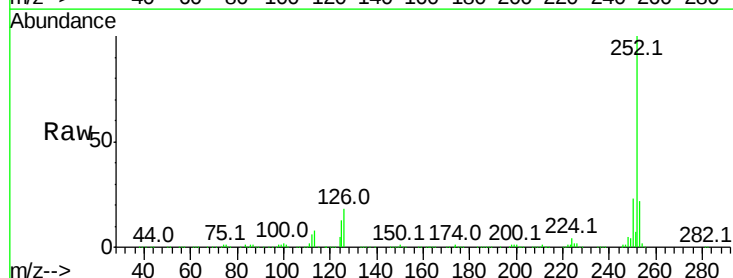
Instrument :
BNA_F
ClientSampleId :

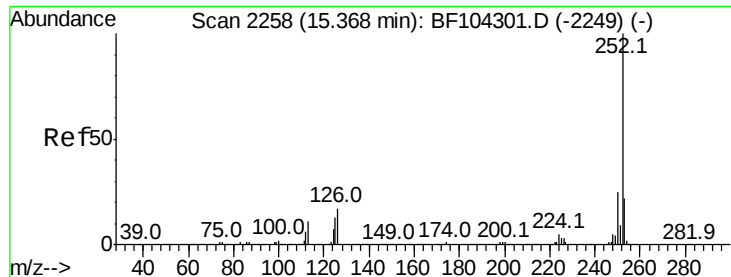
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.874 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.915 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

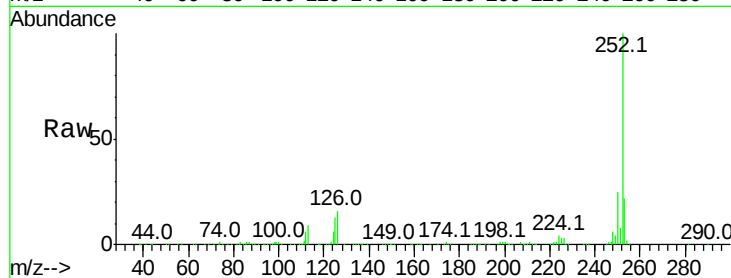
Tot Ion:252 Resp: 577749

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

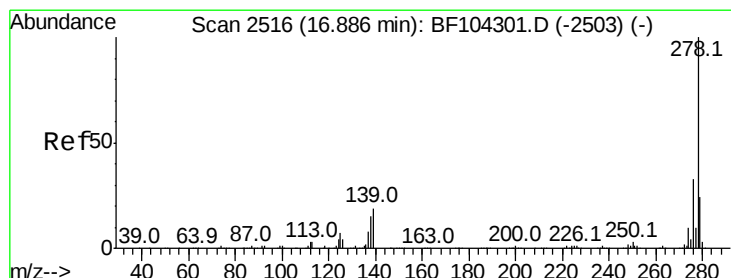
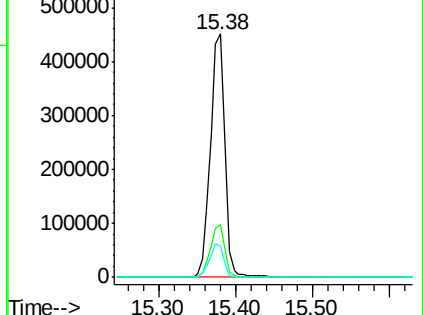
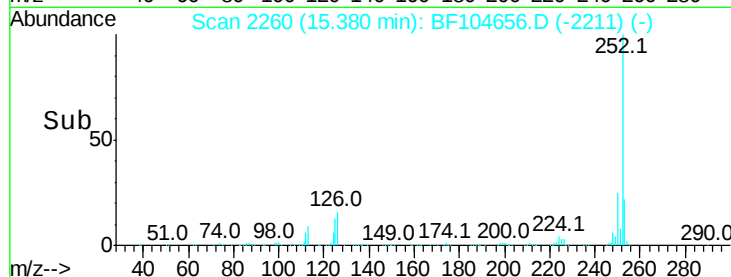
125 12.9 9.8 14.6



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: 41.502 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

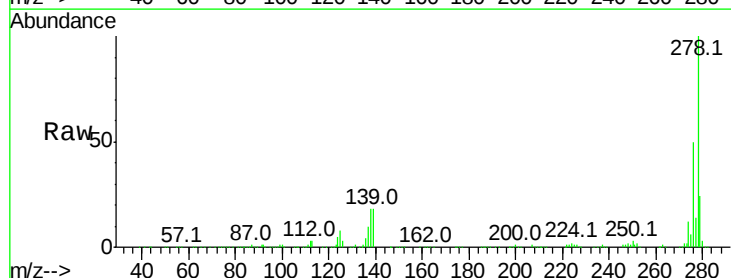
Tgt Ion:278 Resp: 481316

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

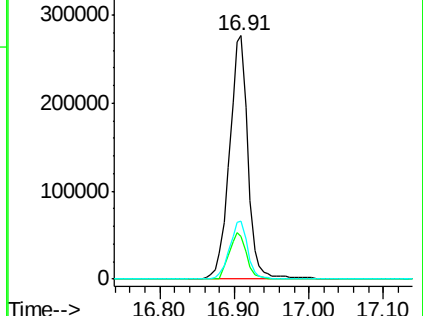
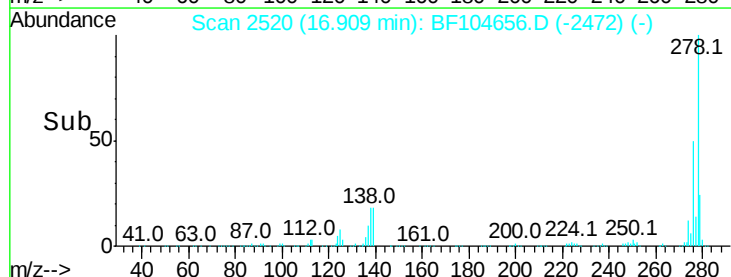
279 23.7 19.0 28.4

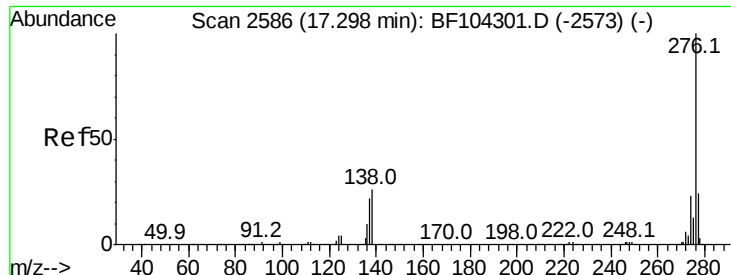


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.032 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

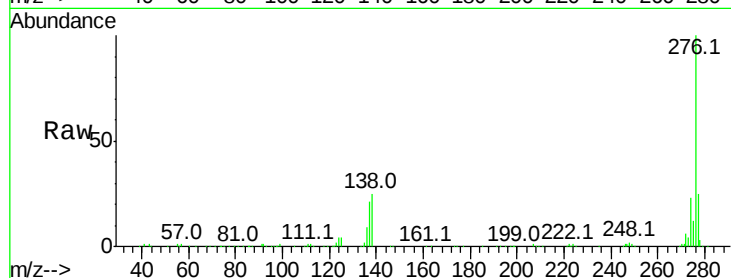
Tot Ion:276 Resp: 449798

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 24.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

