

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104525.D
 Acq On : 16 Apr 2018 11:13
 Operator : JU/SJ
 Sample : PB108119BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Quant Time: Apr 16 12:16:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159665	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	662534	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	307893	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	561948	20.00	ng	0.00
75) Chrysene-d12	13.99	240	419682	20.00	ng	0.00
86) Perylene-d12	15.45	264	319282	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1083698	103.78	ng	0.02
7) Phenol-d6	6.46	99	1336200	104.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	852789	84.05	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	356759	111.70	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1449300	74.36	ng	0.00
78) Terphenyl-d14	12.93	244	1468616	79.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	168571	34.646	ng	90
3) Pyridine	3.35	79	456920	33.401	ng	89
4) n-Nitrosodimethylamine	3.30	42	186515	39.004	ng	# 78
6) Aniline	6.47	93	349734	19.621	ng	95
8) 2-Chlorophenol	6.60	128	428225	38.854	ng	96
9) Benzaldehyde	6.36	77	118601	14.483	ng	97
10) Phenol	6.47	94	515394	37.860	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	413189	38.035	ng	93
12) 1,3-Dichlorobenzene	6.75	146	441932	35.395	ng	99
13) 1,4-Dichlorobenzene	6.83	146	443061	35.598	ng	99
14) 1,2-Dichlorobenzene	6.98	146	416390	36.101	ng	99
15) Benzyl Alcohol	6.96	79	353322	36.258	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	545902	37.419	ng	91
17) 2-Methylphenol	7.07	107	358034	37.372	ng	97
18) Hexachloroethane	7.32	117	165624	37.323	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	275853	32.903	ng	93
20) 3+4-Methylphenols	7.22	107	410738	34.569	ng	# 70
22) Acetophenone	7.22	105	533168	32.687	ng	97
24) Nitrobenzene	7.40	77	448158	40.006	ng	94
25) Isophorone	7.63	82	824162	38.412	ng	100
26) 2-Nitrophenol	7.71	139	239118	52.433	ng	96
27) 2,4-Dimethylphenol	7.75	122	385422	40.703	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	532018	40.555	ng	99
29) 2,4-Dichlorophenol	7.96	162	359107	39.746	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	361522	36.460	ng	100
31) Naphthalene	8.12	128	1205383	36.537	ng	99
32) Benzoic acid	7.88	122	259489	34.345	ng	96
33) 4-Chloroaniline	8.16	127	174708	12.361	ng	98
34) Hexachlorobutadiene	8.23	225	191334	35.229	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	384199	39.658	ng	97
37) 2-Methylnaphthalene	8.81	142	816567	38.265	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316232	35.880	ng	99
40) Hexachlorocyclopentadiene	8.96	237	362645	73.496	ng	98
42) 2,4,6-Trichlorophenol	9.09	196	248710	40.650	ng	99

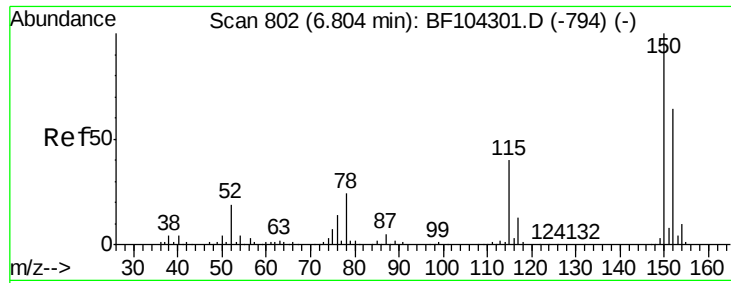
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104525.D
 Acq On : 16 Apr 2018 11:13
 Operator : JU/SJ
 Sample : PB108119BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	258785	37.798	nq	97
45) 1,1'-Biphenyl	9.27	154	910424	35.199	nq	99
46) 2-Chloronaphthalene	9.30	162	743910	36.412	nq	100
47) 2-Nitroaniline	9.40	65	237321	46.972	nq	96
48) Acenaphthylene	9.72	152	1136499	35.455	nq	99
49) Dimethylphthalate	9.57	163	900370	37.083	nq	100
50) 2,6-Dinitrotoluene	9.64	165	205597	45.763	nq	96
51) Acenaphthene	9.89	154	668048	34.158	nq	100
52) 3-Nitroaniline	9.81	138	133284	25.341	nq #	93
53) 2,4-Dinitrophenol	9.92	184	198614	97.022	nq #	22
54) Dibenzofuran	10.06	168	1018776	37.379	nq	98
55) 4-Nitrophenol	9.98	139	359763	87.076	nq	97
56) 2,4-Dinitrotoluene	10.05	165	264996	44.967	nq	97
57) Fluorene	10.40	166	757822	38.200	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212979	41.696	nq	95
59) Diethylphthalate	10.27	149	876647	36.254	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	347973	39.386	nq	99
61) 4-Nitroaniline	10.43	138	220411	42.859	nq	97
62) Azobenzene	10.56	77	852371	36.896	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	129663	47.473	nq	91
65) n-Nitrosodiphenylamine	10.52	169	721751	37.043	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	229080	38.325	nq	90
67) Hexachlorobenzene	10.95	284	248253	36.911	nq #	89
68) Atrazine	11.05	200	235983	40.125	nq	99
69) Pentachlorophenol	11.15	266	260594	62.629	nq	96
70) Phenanthrene	11.37	178	1129865	36.104	nq	99
71) Anthracene	11.42	178	1176841	36.994	nq	100
72) Carbazole	11.57	167	1110575	35.727	nq	99
73) Di-n-butylphthalate	11.90	149	1358120	35.766	nq	99
74) Fluoranthene	12.56	202	1179839	36.084	nq	99
76) Benzidine	12.68	184	199067	9.624	nq	96
77) Pyrene	12.79	202	1204740	38.727	nq	100
79) Butylbenzylphthalate	13.40	149	572897	39.091	nq	98
80) Benzo(a)anthracene	13.98	228	973969	38.846	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	221529	23.697	nq	99
82) Chrysene	14.02	228	932554	36.211	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	753884	39.992	nq	99
84) Di-n-octyl phthalate	14.59	149	1193518	37.892	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	800131	36.574	nq	98
87) Benzo(b)fluoranthene	15.06	252	721511	35.780	nq	99
88) Benzo(k)fluoranthene	15.06	252	721511	37.899	nq	98
89) Benzo(a)pyrene	15.39	252	716907	39.733	nq	97
90) Dibenzo(a,h)anthracene	16.93	278	659106	44.478	nq	98
91) Benzo(g,h,i)perylene	17.36	276	706913	49.239	nq	97

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

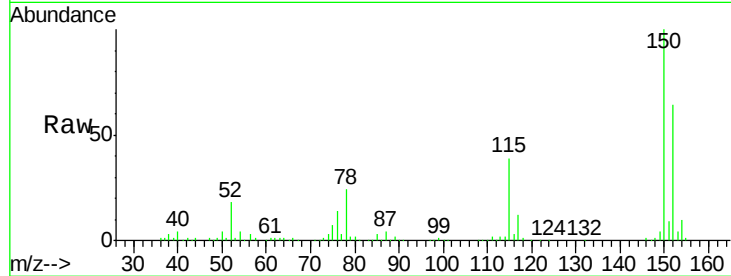


#1

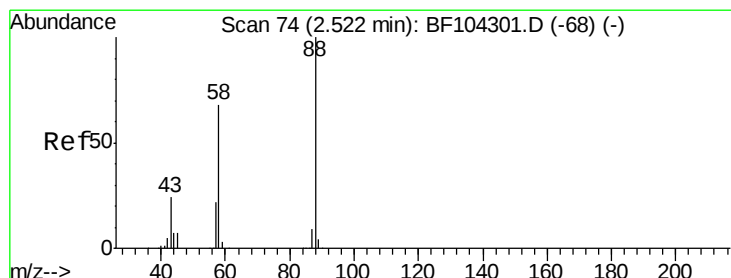
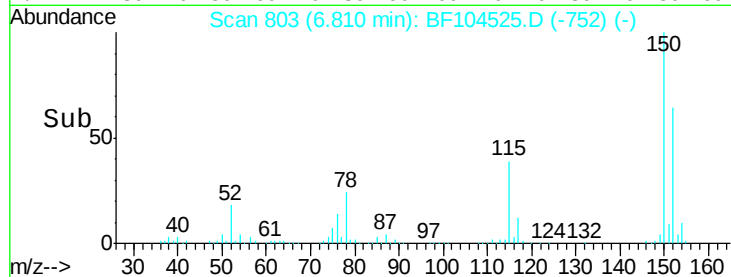
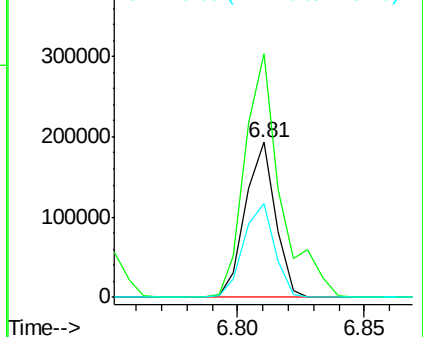
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion:152 Resp: 159665
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.8 50.1 75.1



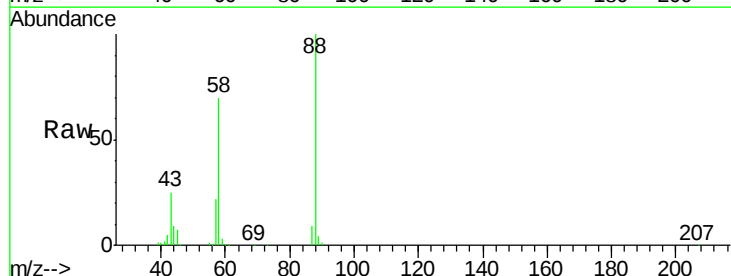
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



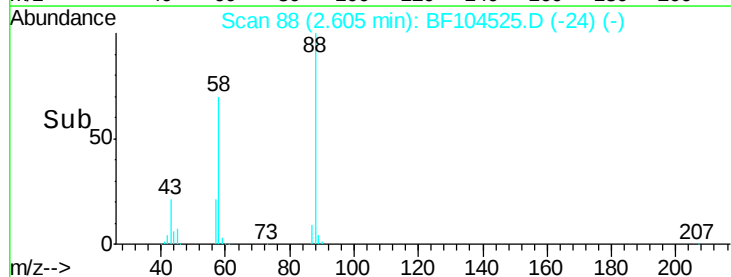
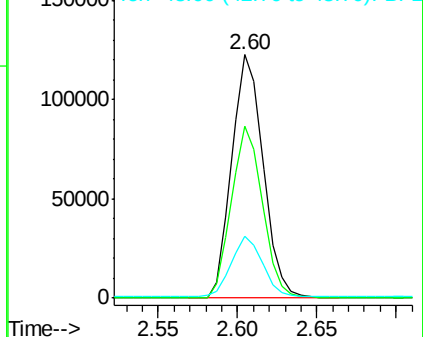
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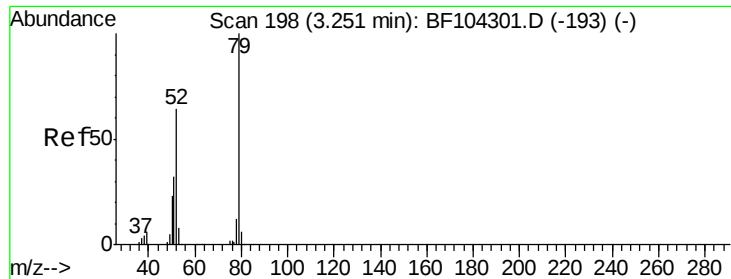
1,4-Dioxane
Concen: 34.646 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion: 88 Resp: 168571
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.9 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: 33.401 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

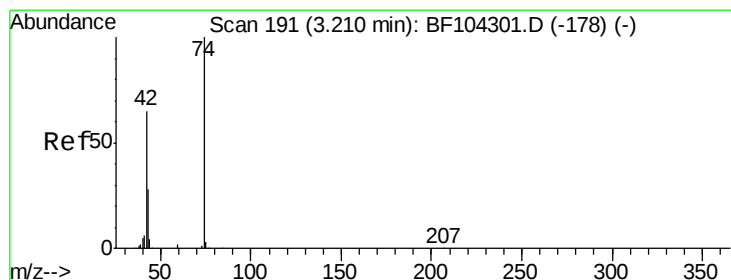
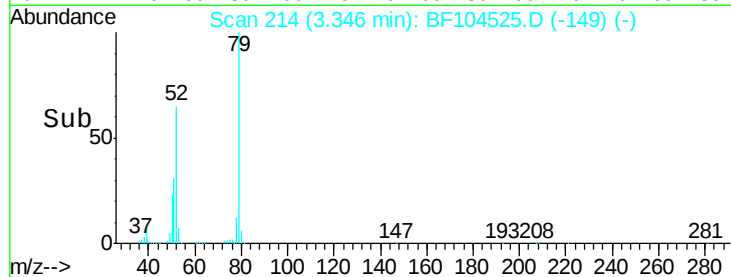
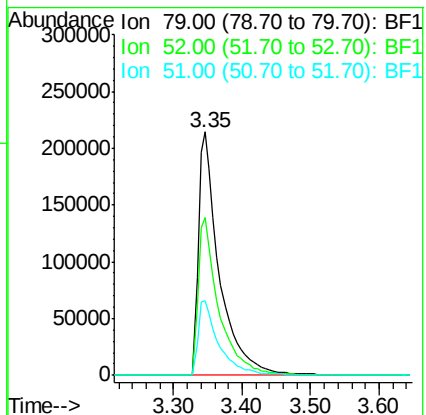
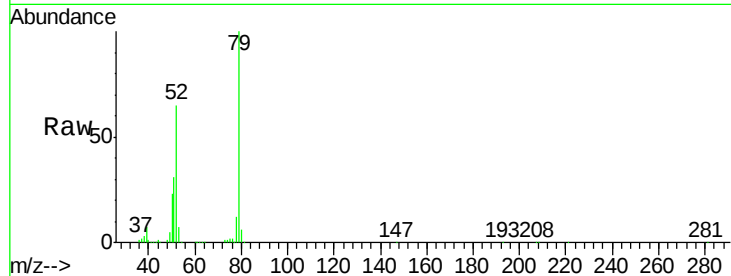
Tot Ion: 79 Resp: 456920

Ion Ratio Lower Upper

79 100

52 64.7 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.004 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.08 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

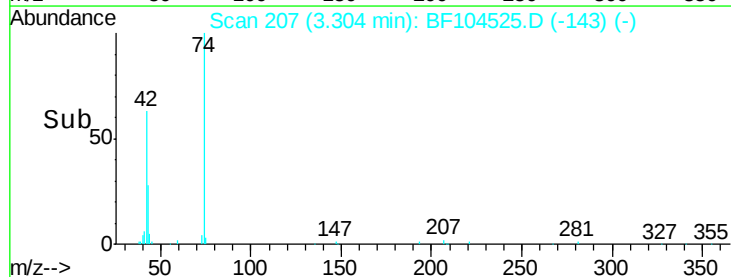
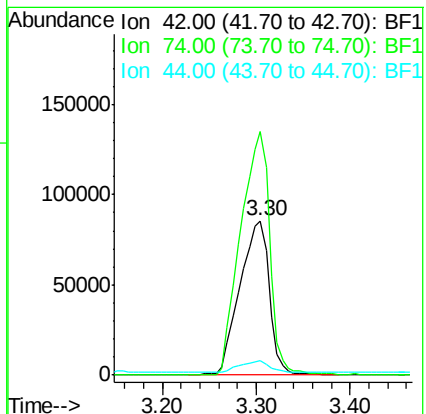
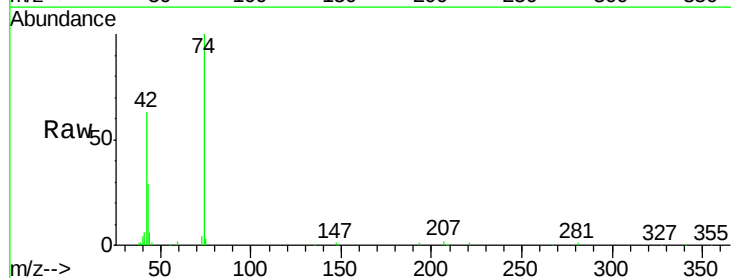
Tgt Ion: 42 Resp: 186515

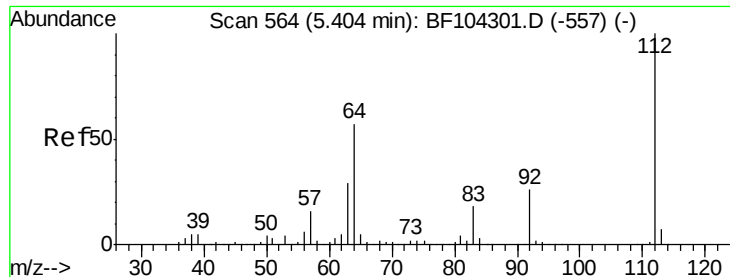
Ion Ratio Lower Upper

42 100

74 157.9 104.9 157.3#

44 9.8 6.9 10.3





#5

2-Fluorophenol

Concen: 103.782 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

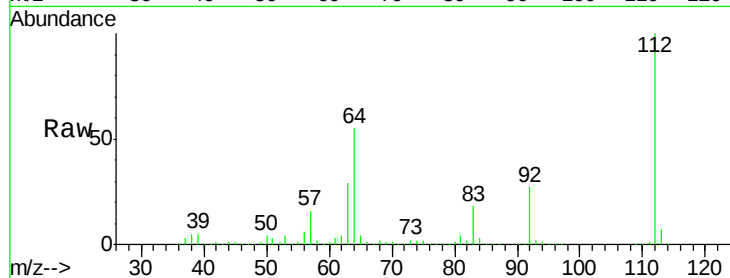
Tot Ion: 112 Resp: 1083698

Ion Ratio Lower Upper

112 100

64 55.4 47.9 71.9

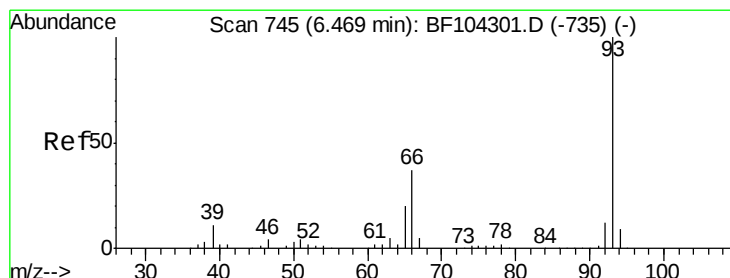
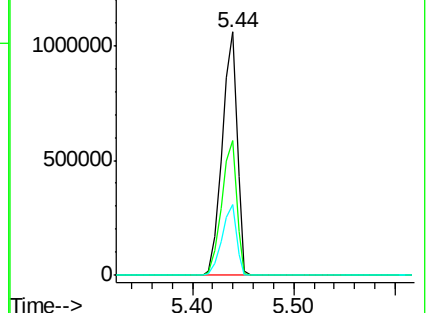
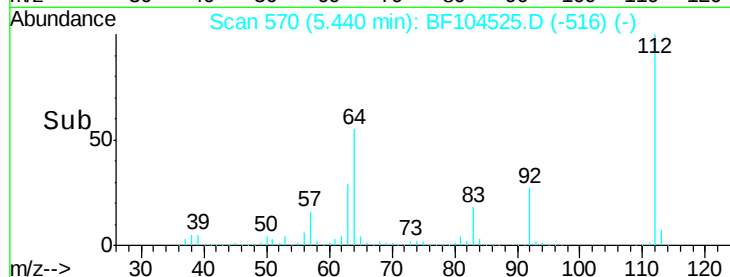
63 29.0 23.7 35.5



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: 19.621 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

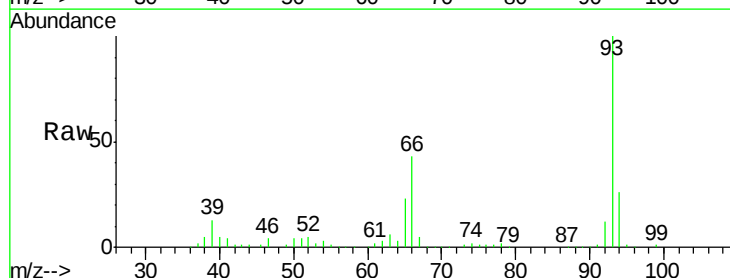
Tgt Ion: 93 Resp: 349734

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

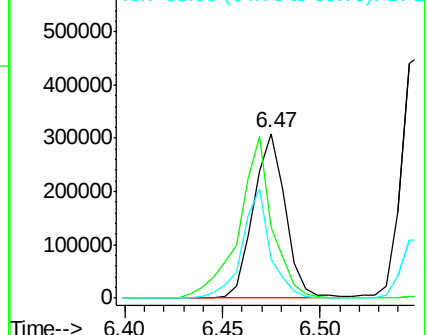
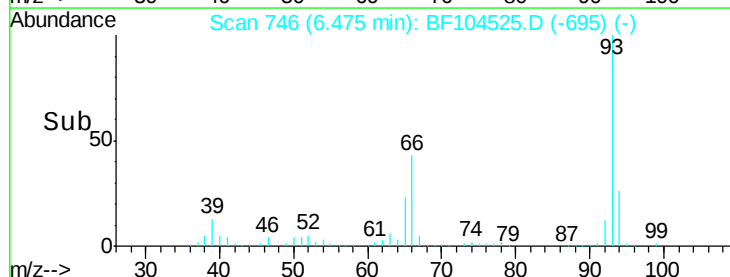
65 23.3 16.4 24.6

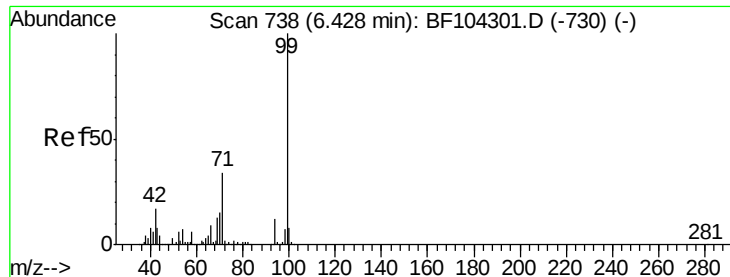


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.147 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

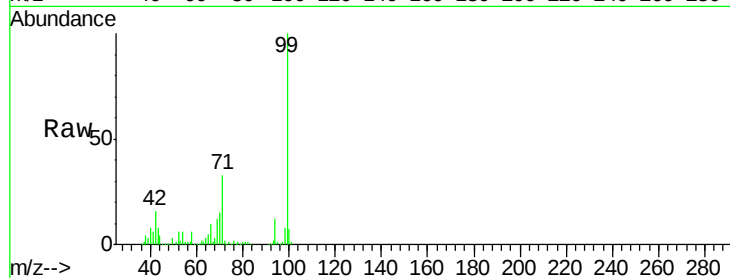
Tot Ion: 99 Resp: 1336200

Ion Ratio Lower Upper

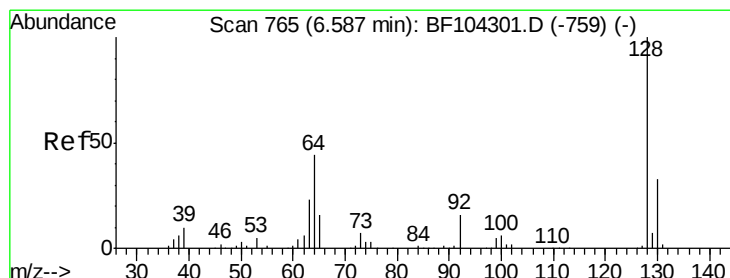
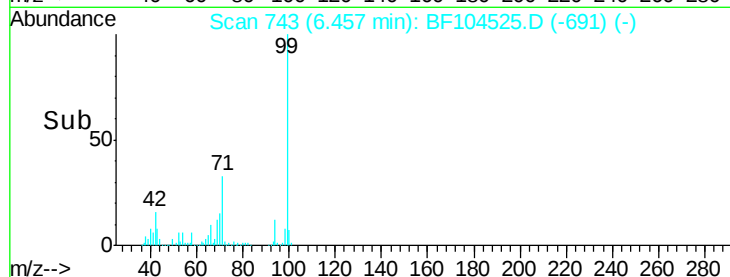
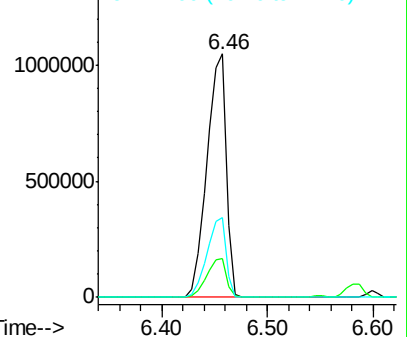
99 100

42 15.8 14.5 21.7

71 33.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.854 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

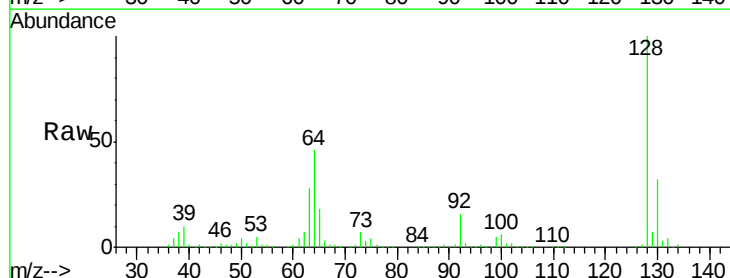
Tgt Ion:128 Resp: 428225

Ion Ratio Lower Upper

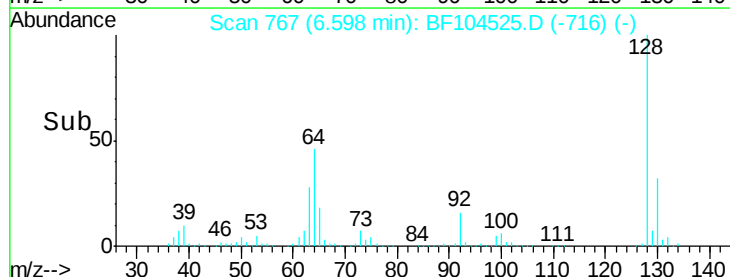
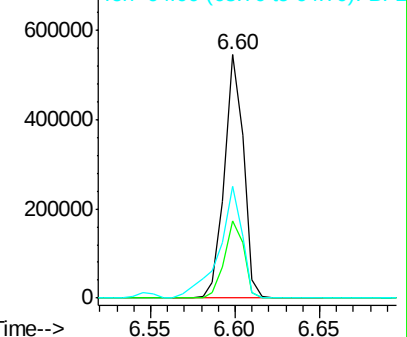
128 100

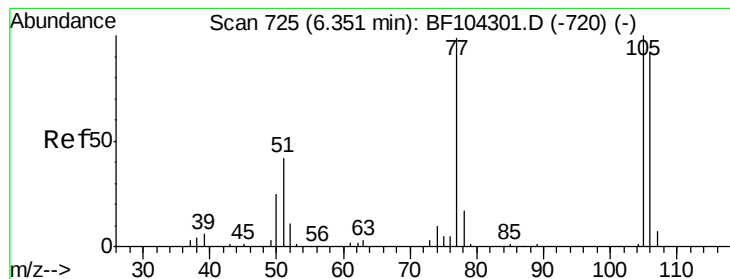
130 31.7 13.0 53.0

64 45.7 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: 14.483 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

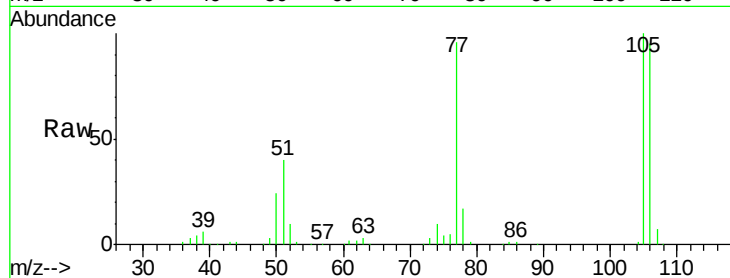
Tot Ion: 77 Resp: 118601

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

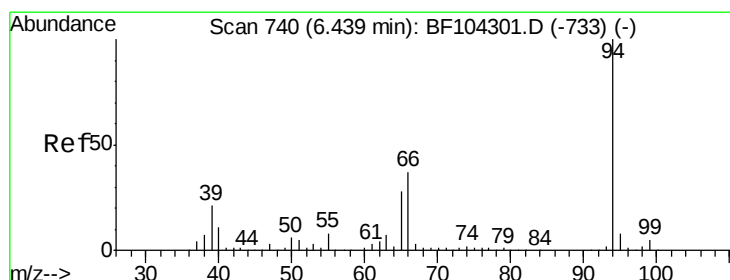
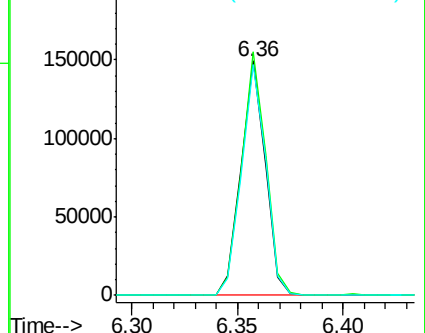
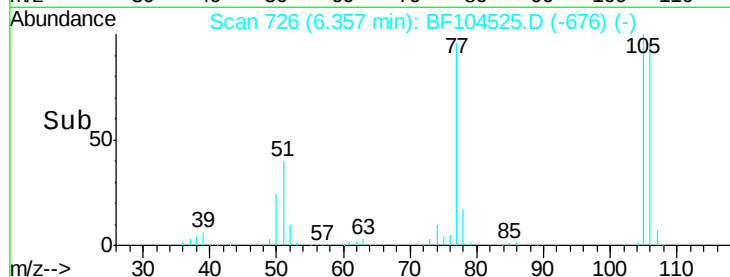
106 98.4 74.5 114.5



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: 37.860 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

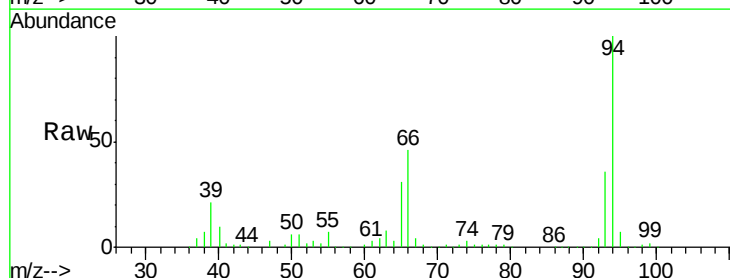
Tgt Ion: 94 Resp: 515394

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

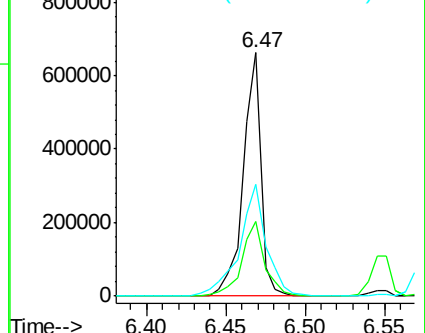
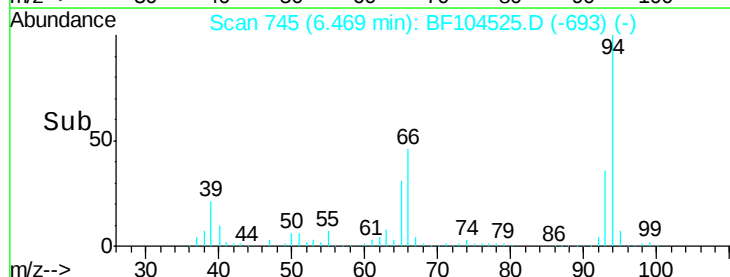
66 45.7 16.2 56.2

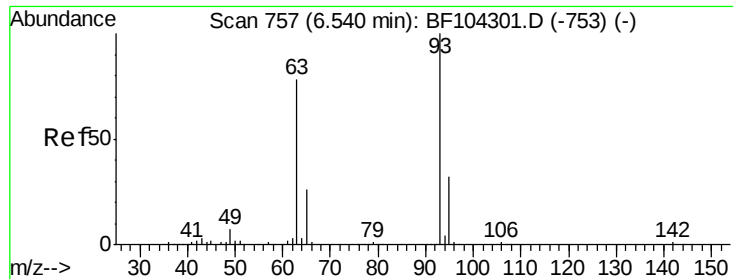


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.035 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

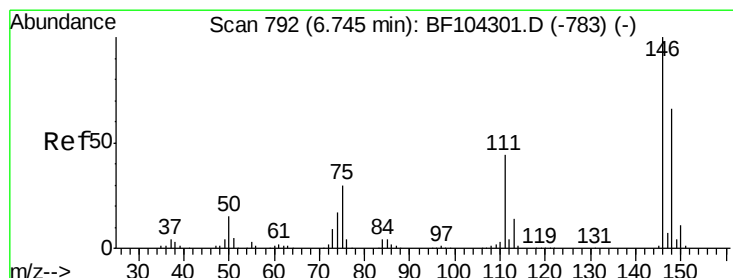
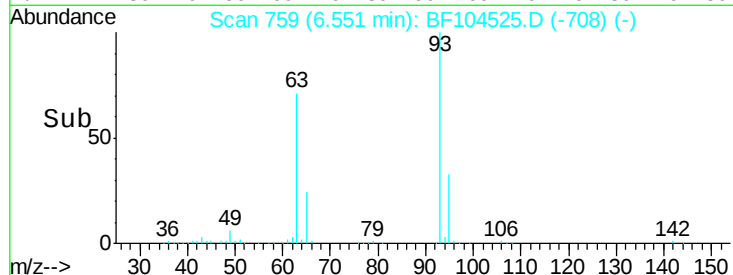
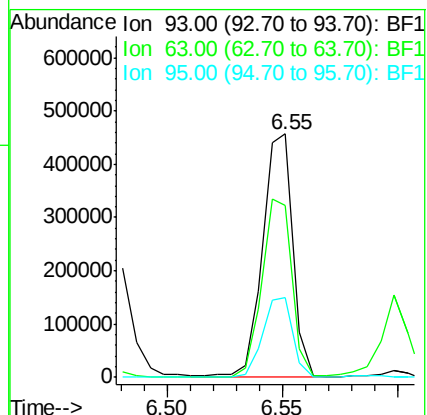
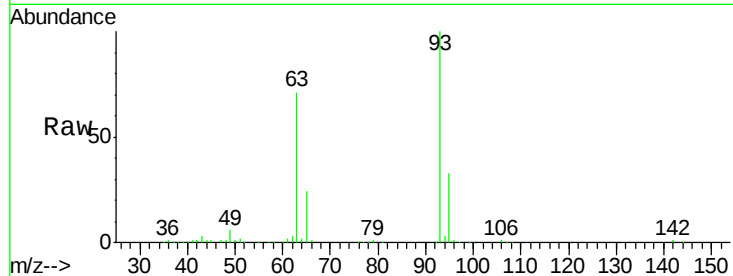
Tot Ion: 93 Resp: 413189

Ion Ratio Lower Upper

93 100

63 70.6 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.395 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

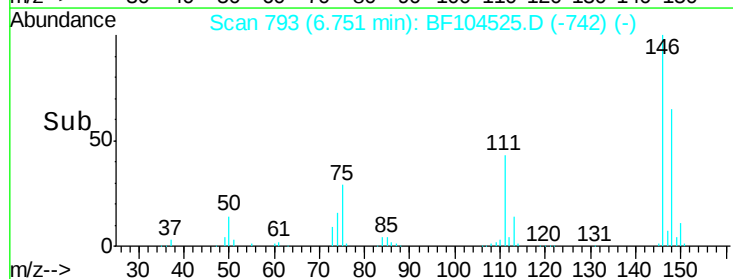
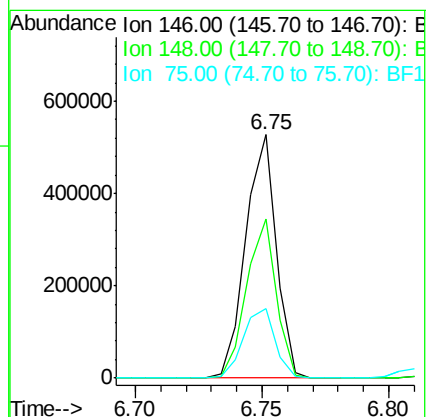
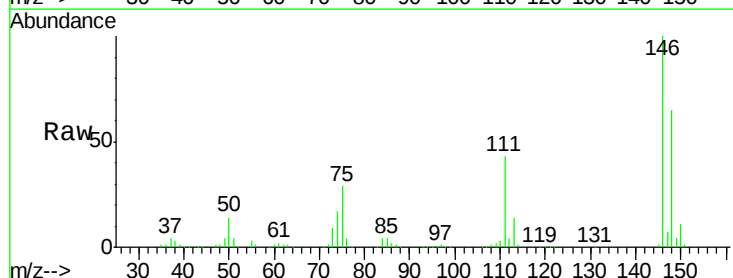
Tgt Ion: 146 Resp: 441932

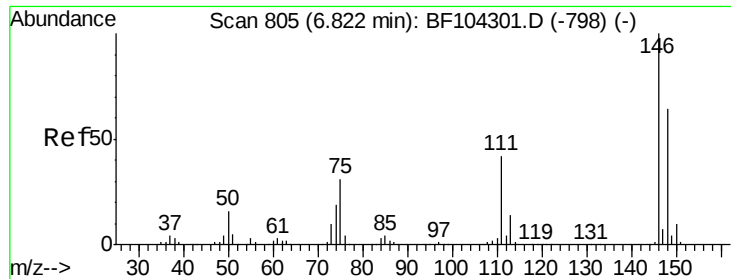
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 28.8 24.2 36.4

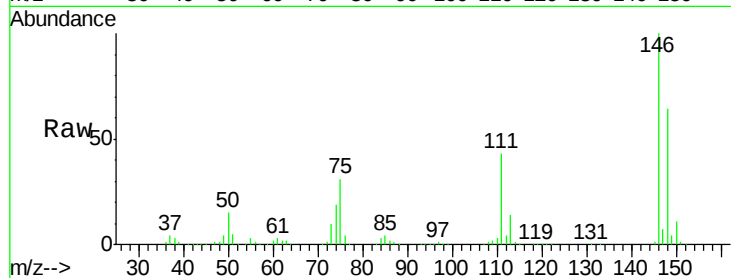




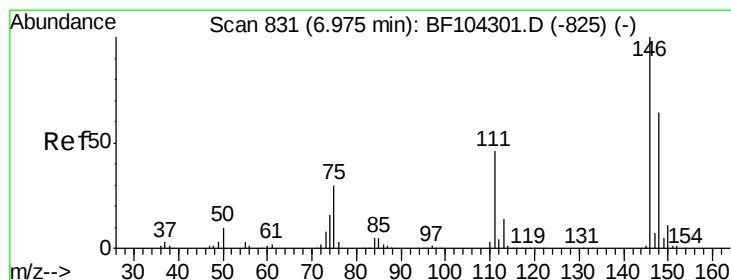
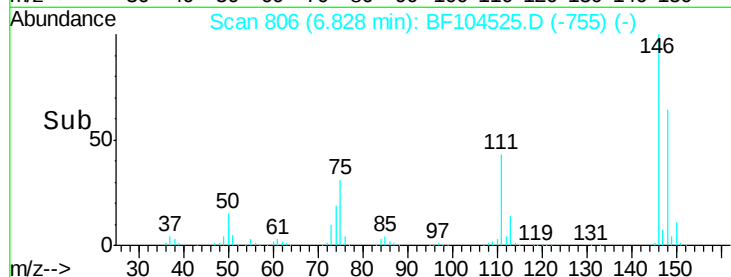
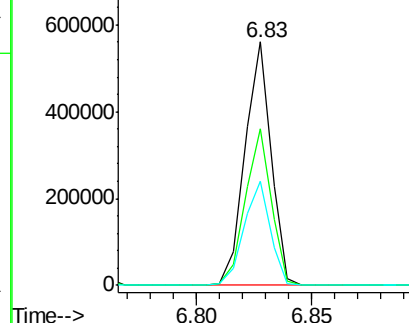
#13
 1,4-Dichlorobenzene
 Concen: 35.598 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion:146 Resp: 443061
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.8 34.2 51.2

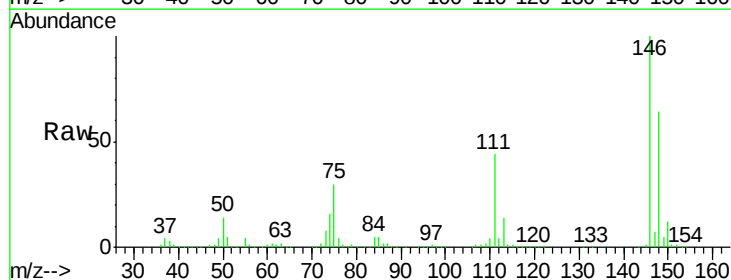


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

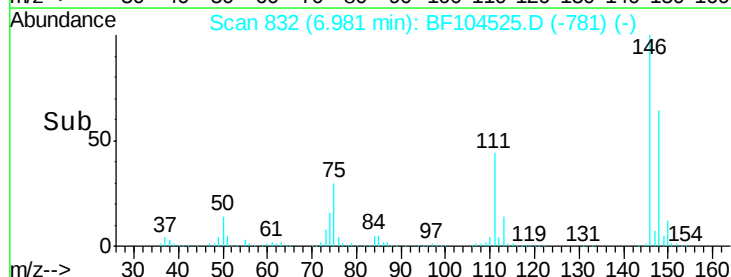
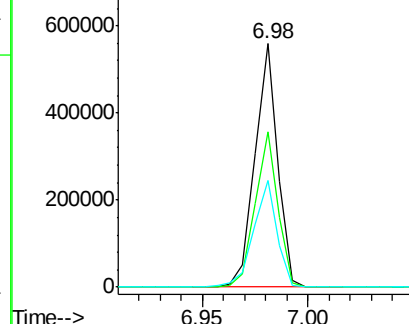


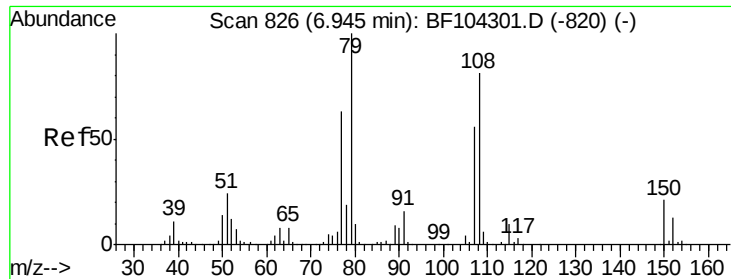
#14
 1,2-Dichlorobenzene
 Concen: 36.101 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:146 Resp: 416390
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.7 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: 36.258 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

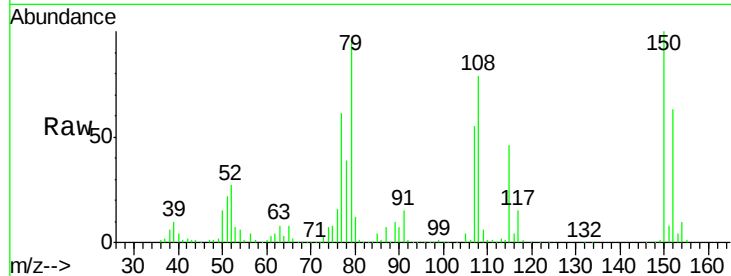
Tot Ion: 79 Resp: 353322

Ion Ratio Lower Upper

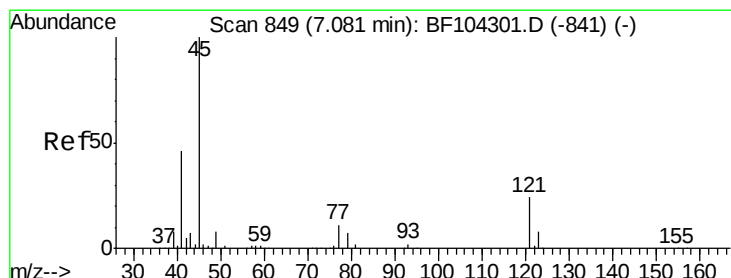
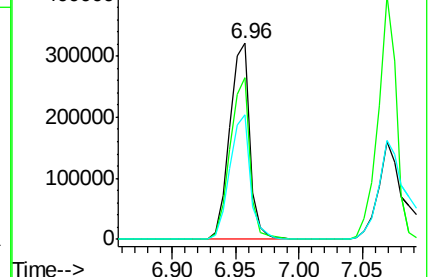
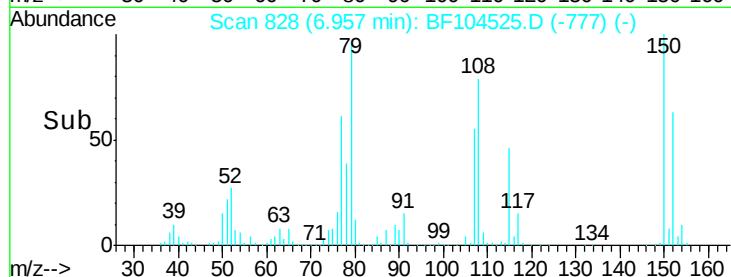
79 100

108 82.3 65.1 97.7

77 63.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.419 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

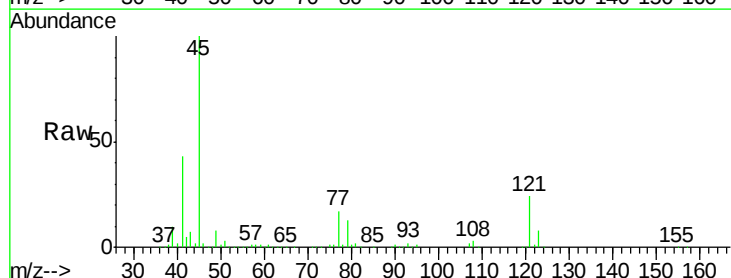
Tgt Ion: 45 Resp: 545902

Ion Ratio Lower Upper

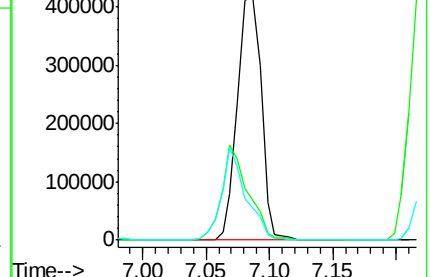
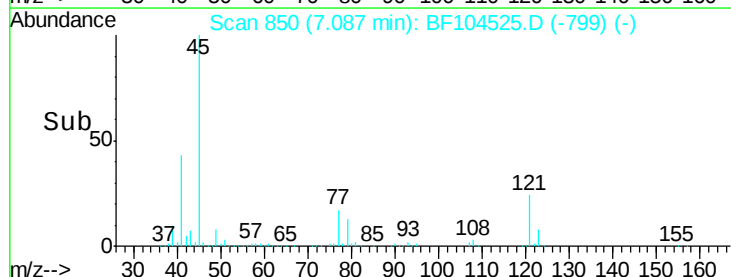
45 100

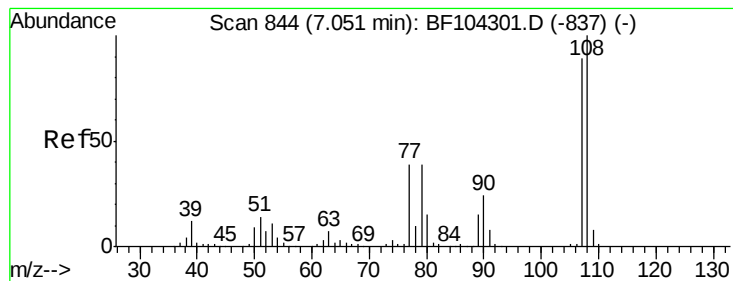
77 16.5 0.0 32.9

79 13.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

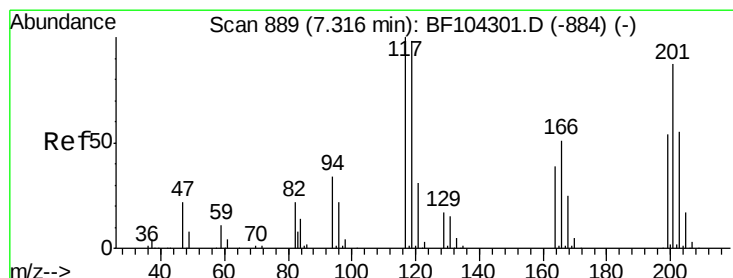
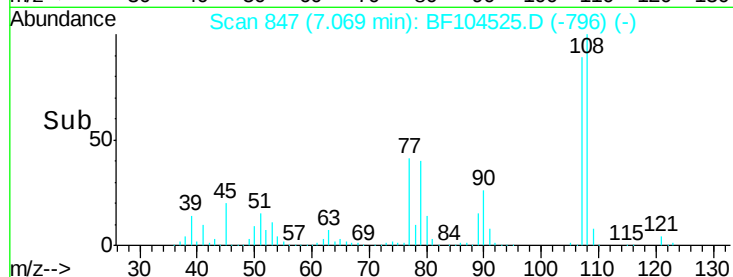
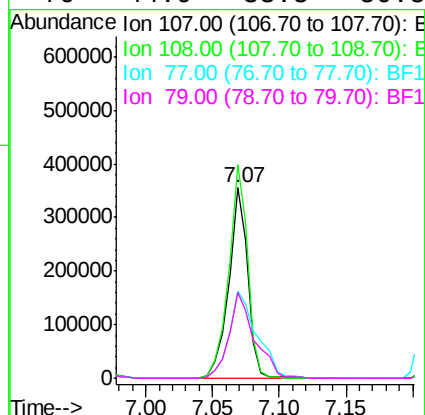
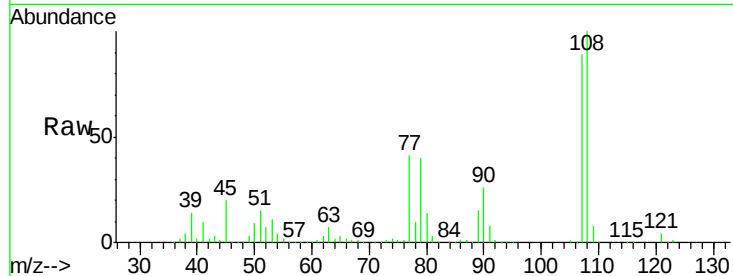




#17
2-Methylphenol
Concen: 37.372 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

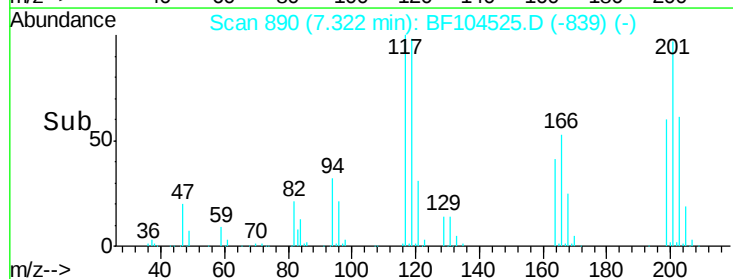
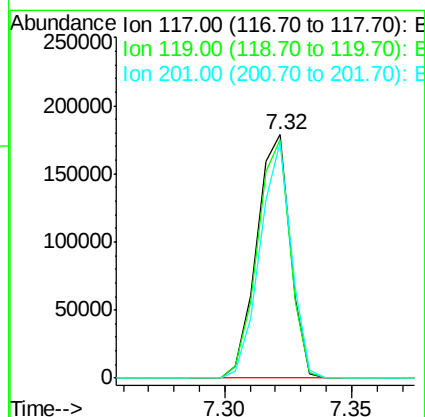
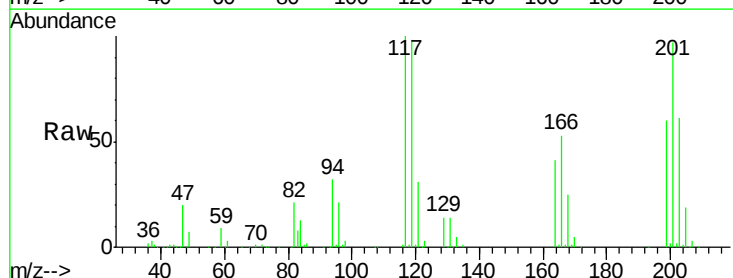
Instrument :
BNA_F
ClientSampleId :
PB108119BS

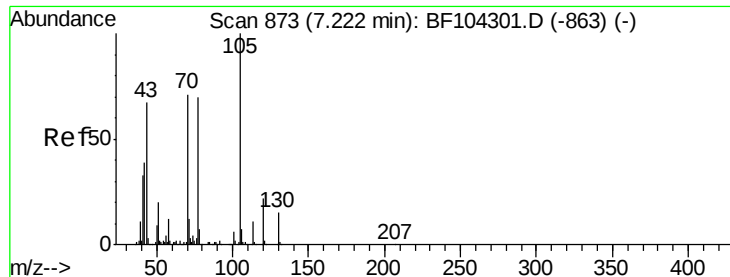
Tot Ion:107 Resp: 358034
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 45.9 33.8 50.8
79 44.9 33.8 50.8



#18
Hexachloroethane
Concen: 37.323 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:117 Resp: 165624
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 96.9 75.7 113.5

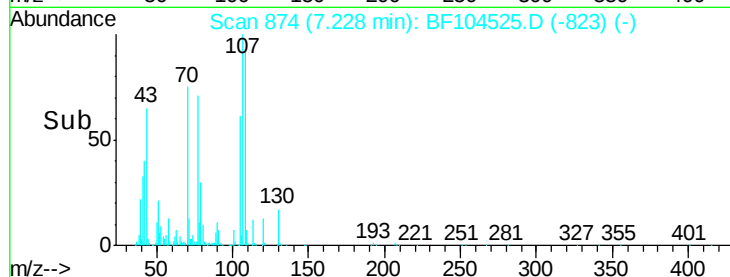
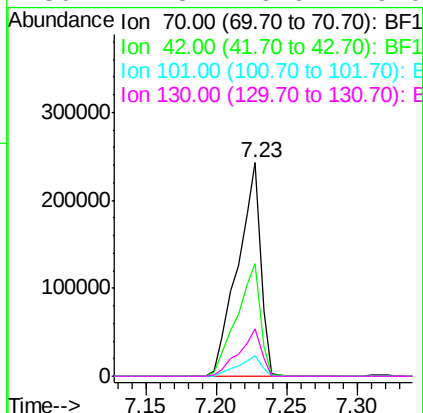
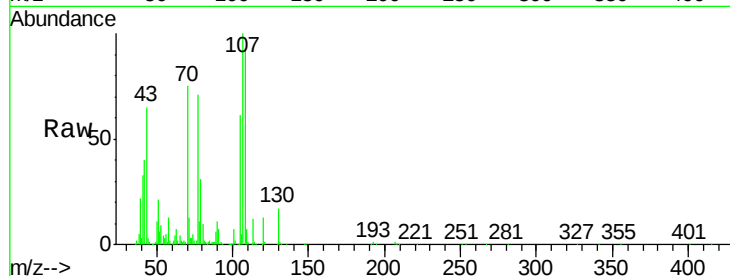




#19
n-Nitroso-di-n-propylamine
Concen: 32.903 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

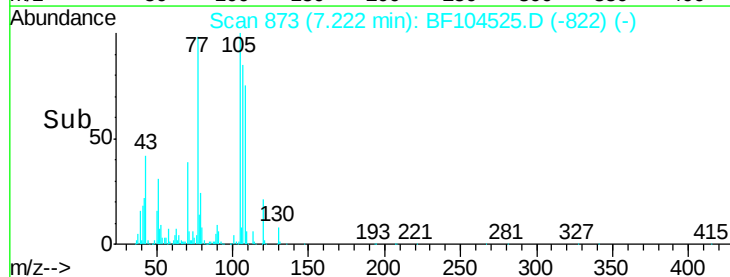
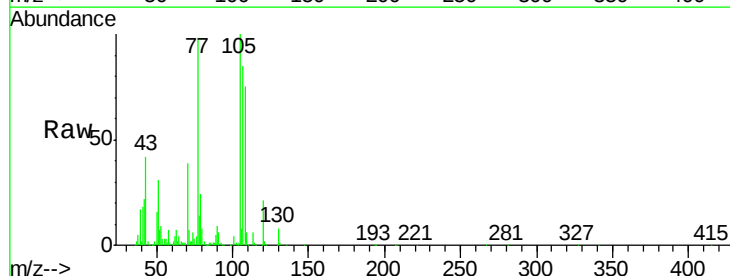
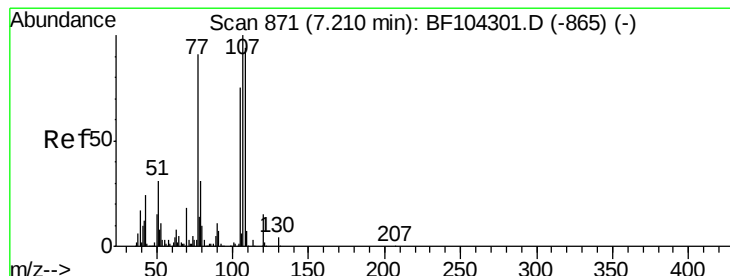
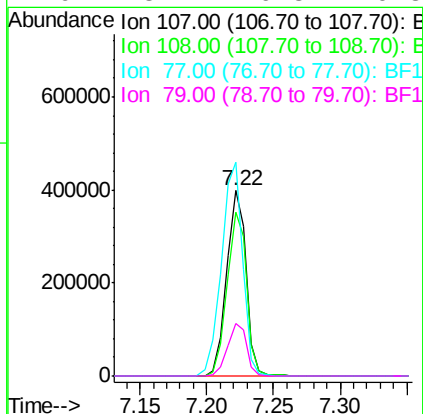
Instrument :
BNA_F
ClientSampleId :
PB108119BS

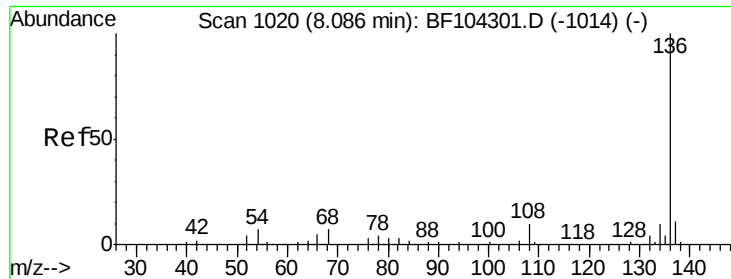
Tot Ion: 70 Resp: 275853
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 9.7 7.4 11.2
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.569 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion: 107 Resp: 410738
Ion Ratio Lower Upper
107 100
108 88.4 68.2 108.2
77 115.1 26.7 66.7#
79 28.1 6.3 46.3

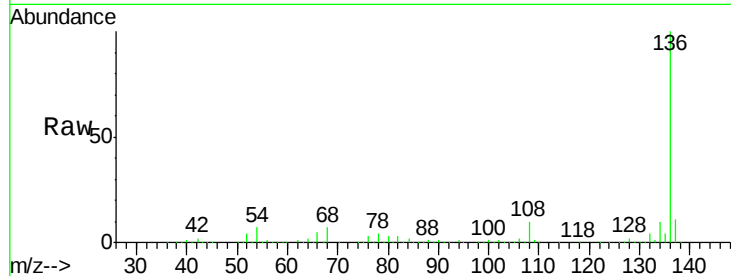




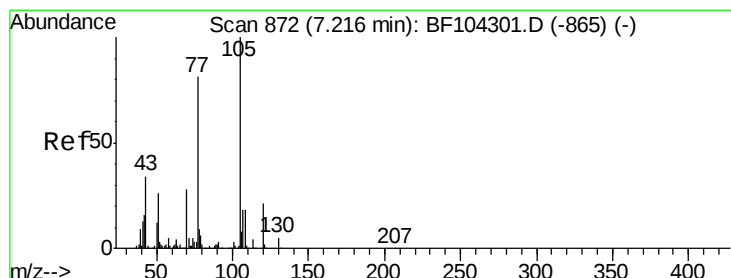
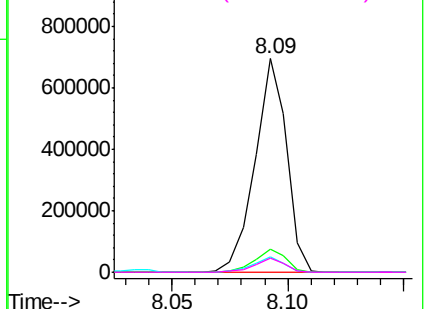
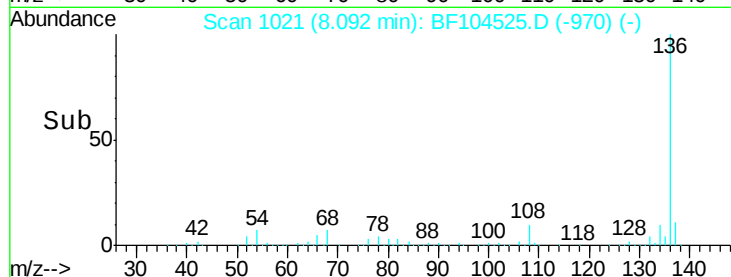
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion:136	Resp:	662534
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.4	6.6 9.8
68	6.7	5.0 7.4

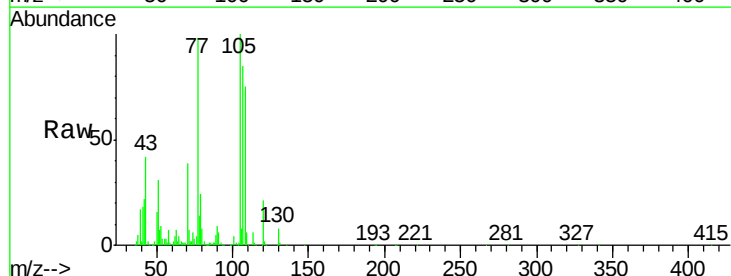


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

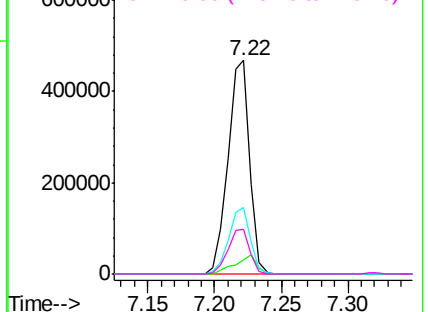
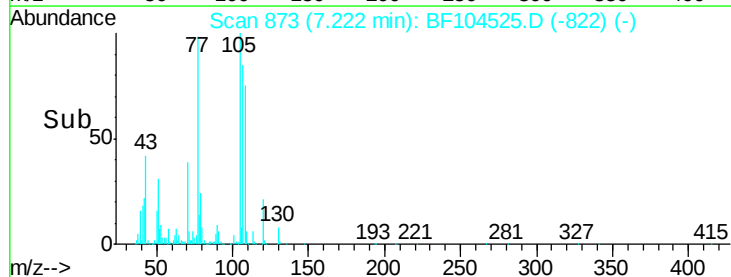


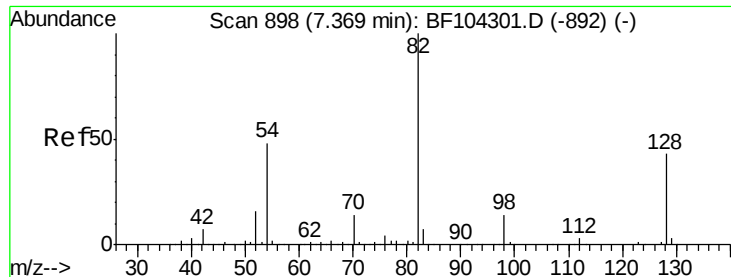
#22
Acetophenone
Concen: 32.687 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:105	Resp:	533168
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	30.9	22.3 33.5
120	21.0	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

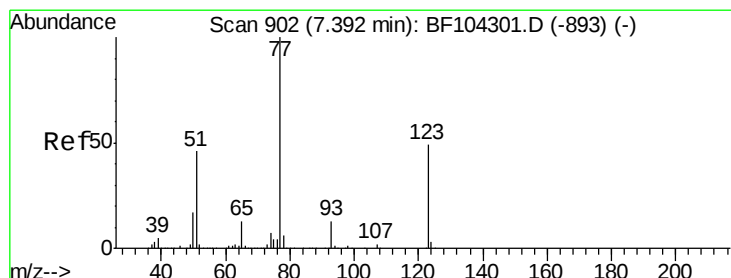
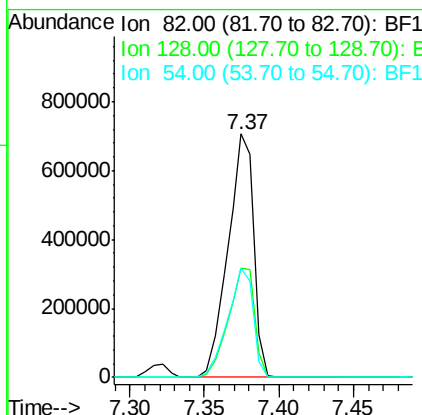
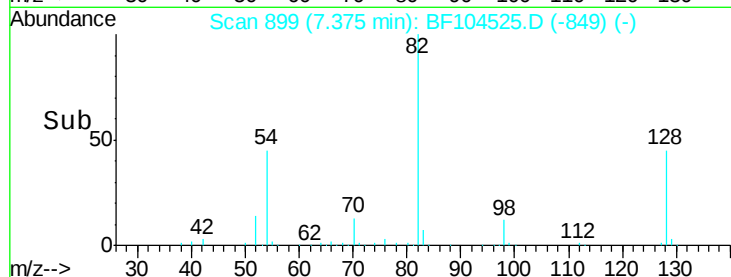
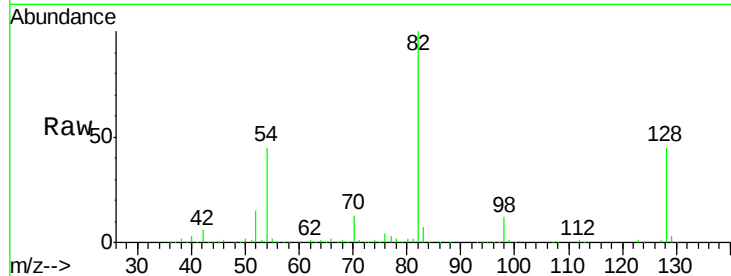




#23
Nitrobenzene-d5
Concen: 84.049 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

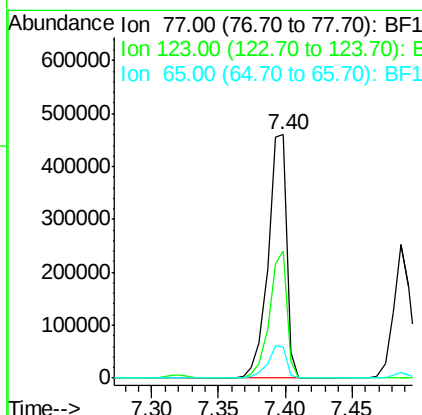
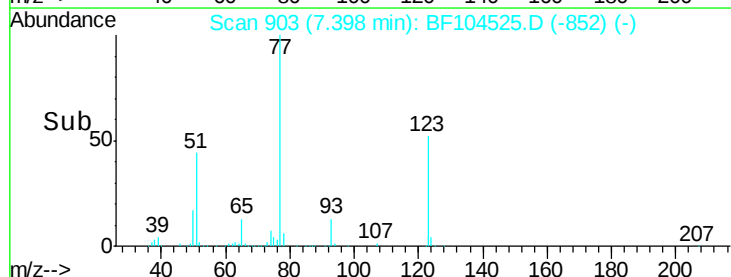
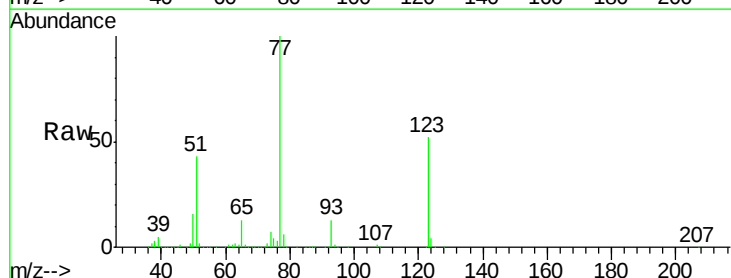
Instrument :
BNA_F
ClientSampleId :
PB108119BS

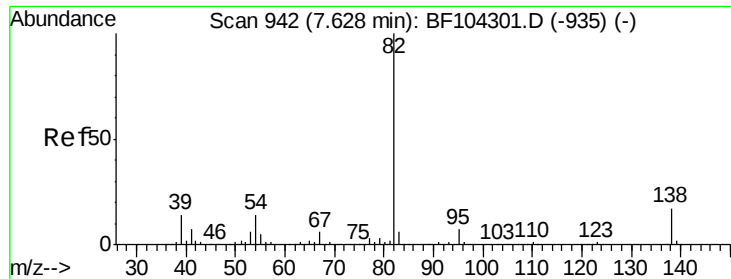
Tot Ion: 82 Resp: 852789
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 45.0 41.4 62.2



#24
Nitrobenzene
Concen: 40.006 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion: 77 Resp: 448158
Ion Ratio Lower Upper
77 100
123 52.4 37.9 56.9
65 13.0 11.0 16.4





#25

Isophorone

Concen: 38.412 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

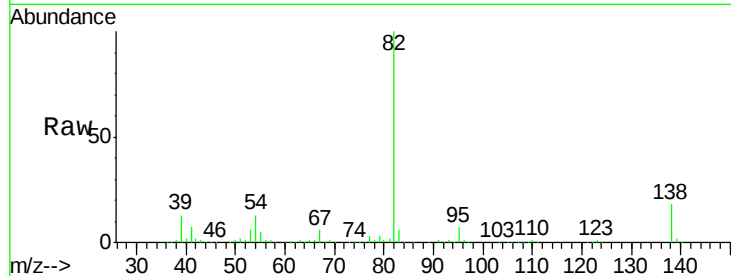
Tot Ion: 82 Resp: 824162

Ion Ratio Lower Upper

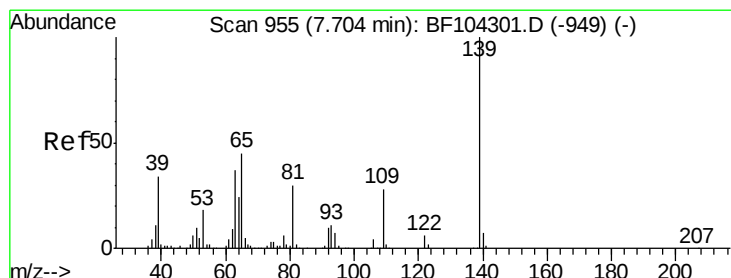
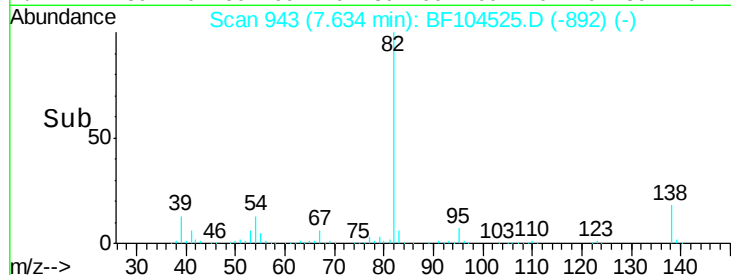
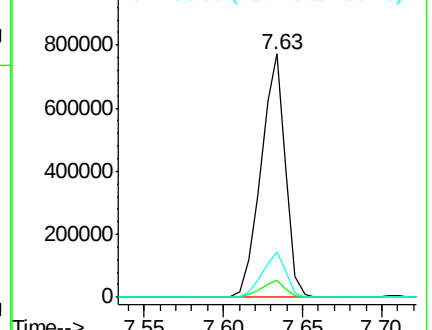
82 100

95 6.9 5.2 7.8

138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.433 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

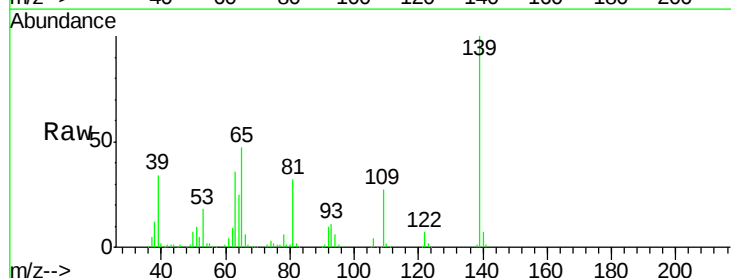
Tgt Ion: 139 Resp: 239118

Ion Ratio Lower Upper

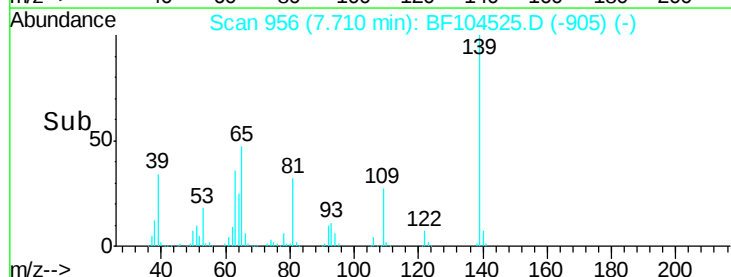
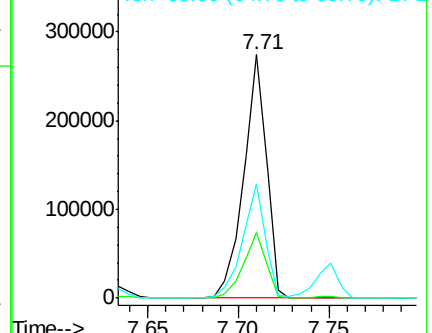
139 100

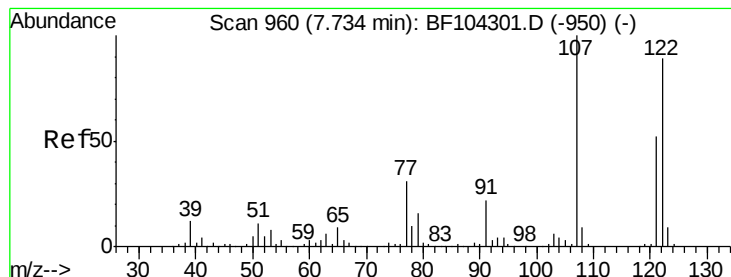
109 27.0 22.7 34.1

65 47.1 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 40.703 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

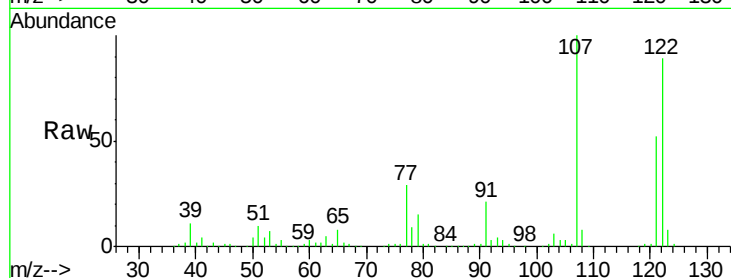
Tot Ion:122 Resp: 385422

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

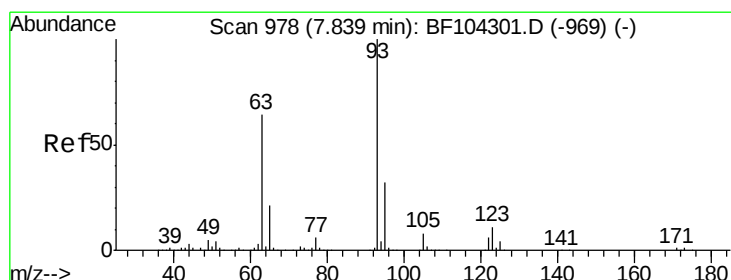
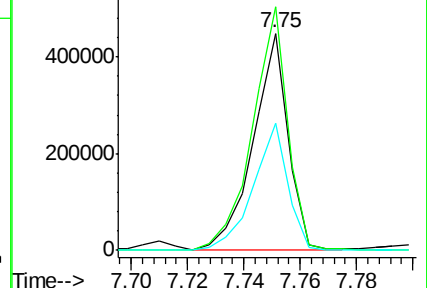
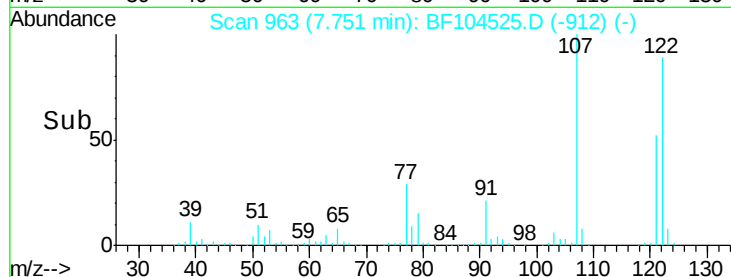
121 58.5 47.2 70.8



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: 40.555 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

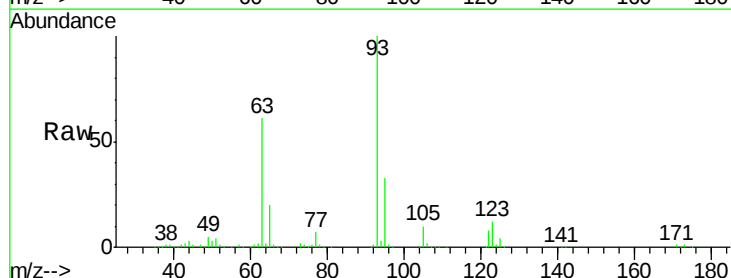
Tgt Ion: 93 Resp: 532018

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

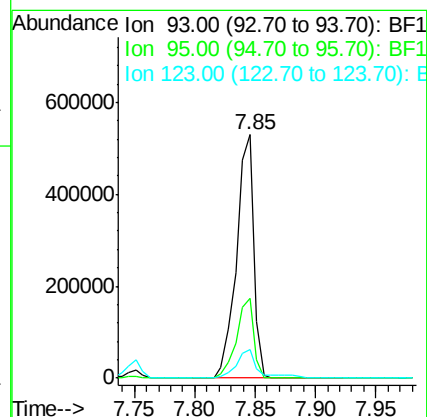
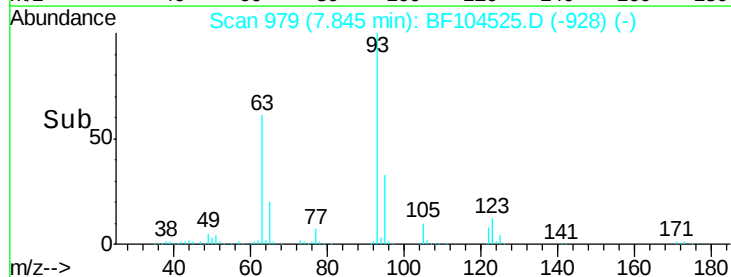
123 12.0 9.8 14.6

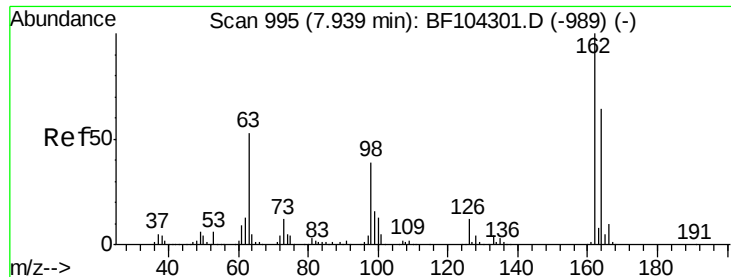


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

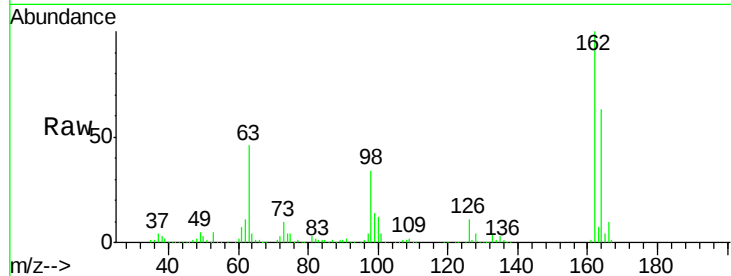




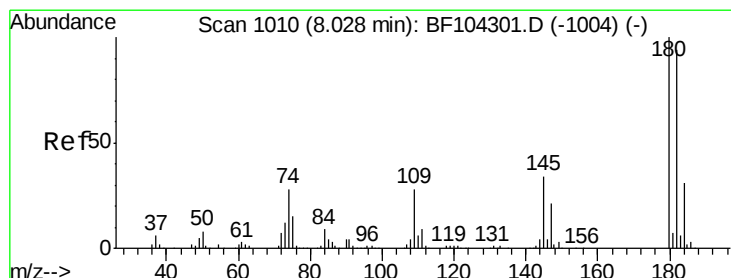
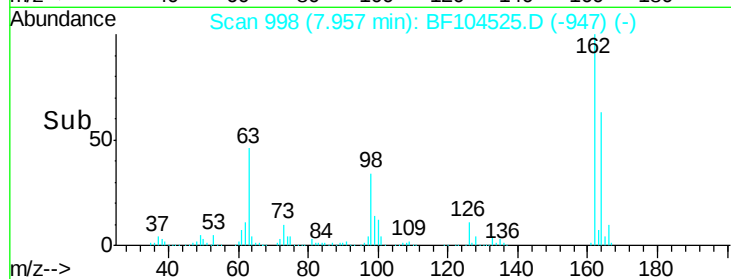
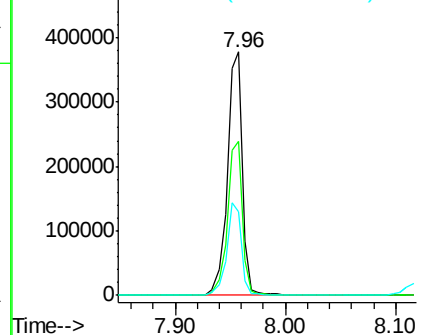
#29
2,4-Dichlorophenol
Concen: 39.746 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	34.3	18.1	58.1

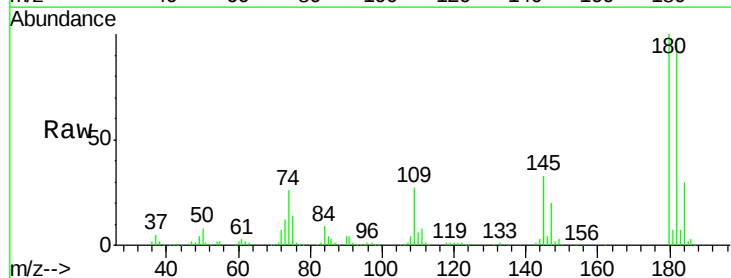


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

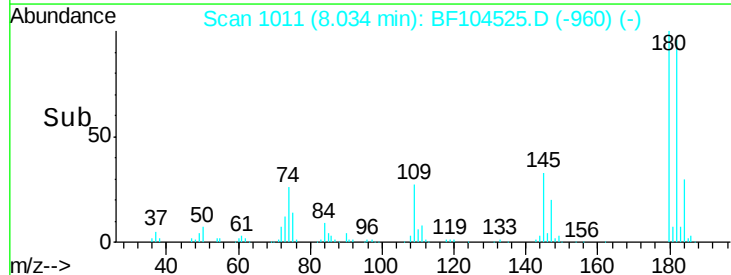
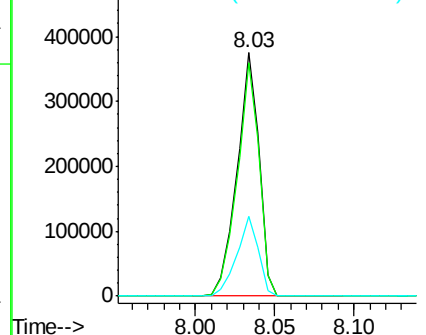


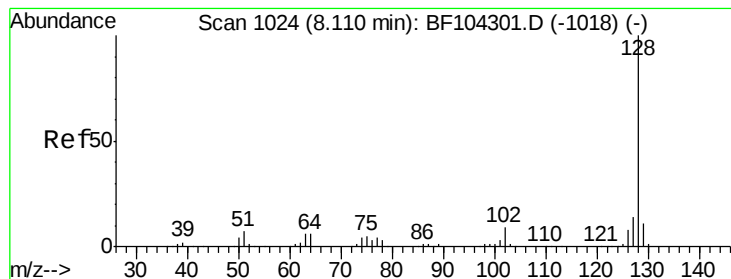
#30
1,2,4-Trichlorobenzene
Concen: 36.460 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	32.9	26.5	39.7



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





#31

Naphthalene

Concen: 36.537 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

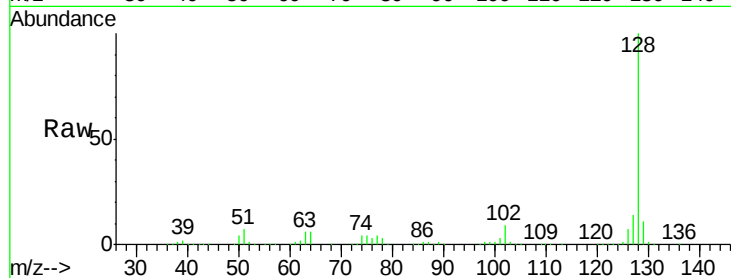
Tot Ion:128 Resp: 1205383

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

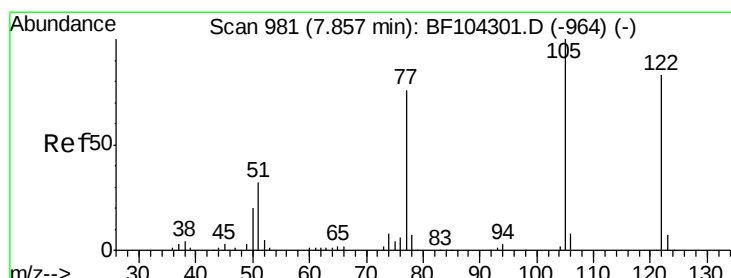
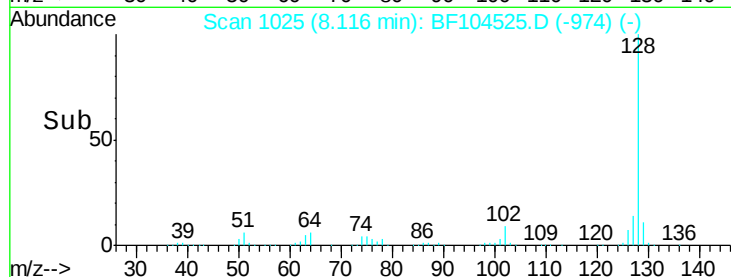
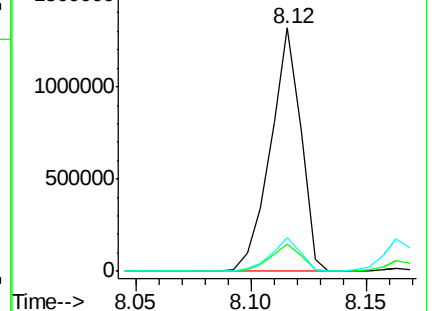
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.345 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

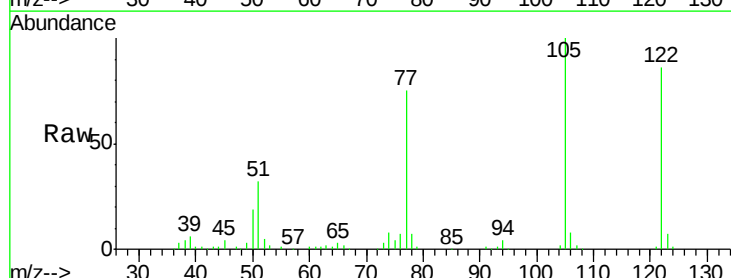
Tgt Ion:122 Resp: 259489

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

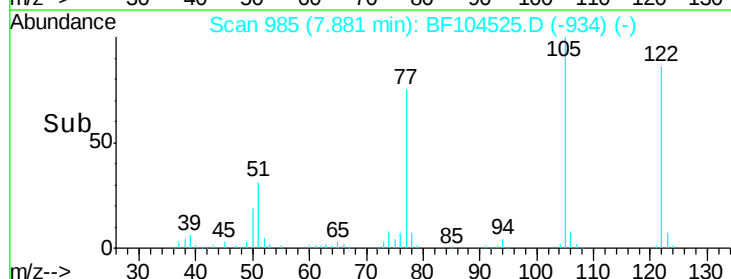
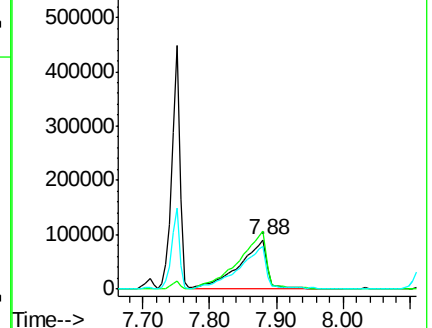
77 87.7 70.7 110.7

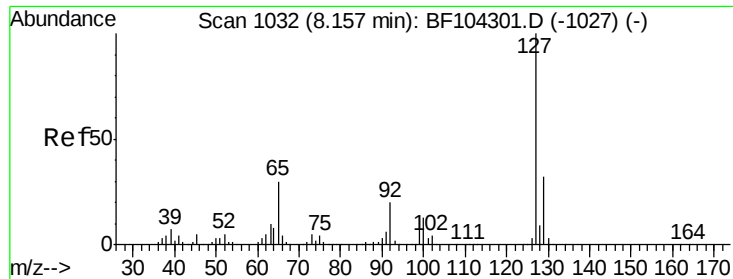


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

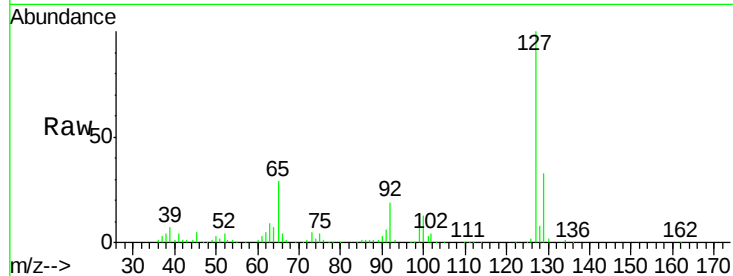




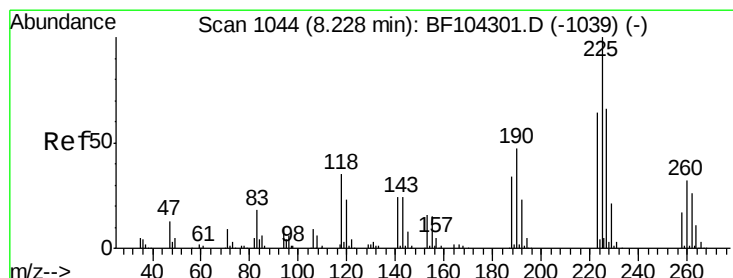
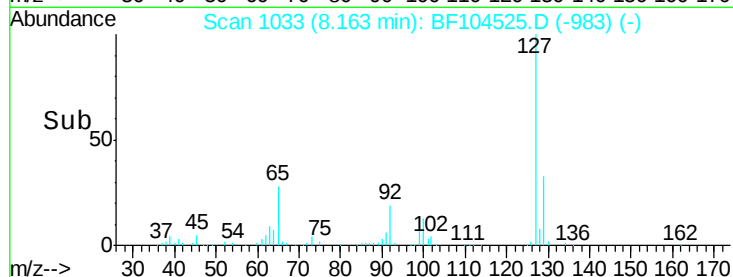
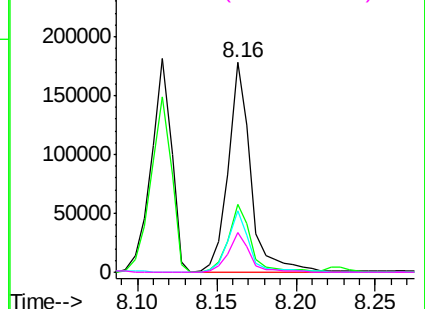
#33
4-Chloroaniline
Concen: 12.361 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion:	127	Resp:	174708
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.2	25.0	37.4
92	18.7	15.2	22.8

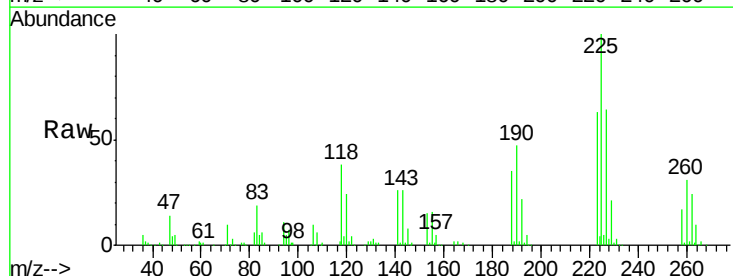


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

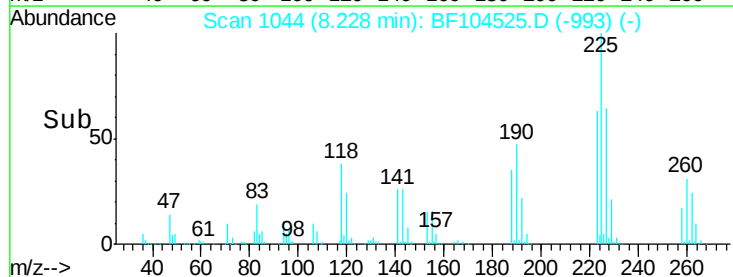
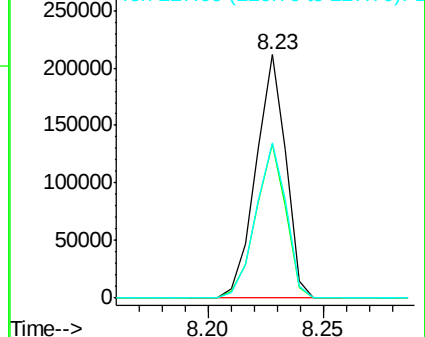


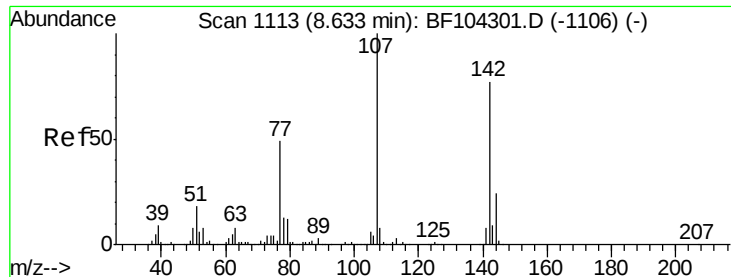
#34
Hexachlorobutadiene
Concen: 35.229 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:	225	Resp:	191334
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.0	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





#36

4-Chloro-3-methylphenol

Concen: 39.658 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

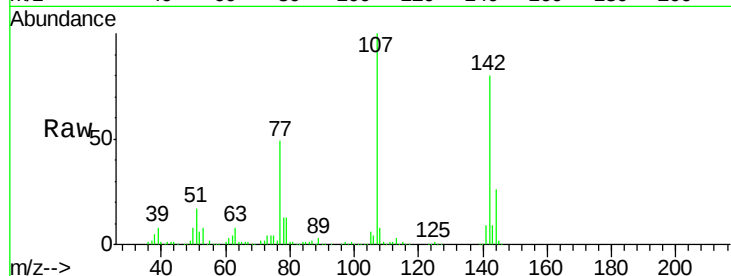
Tot Ion:107 Resp: 384199

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

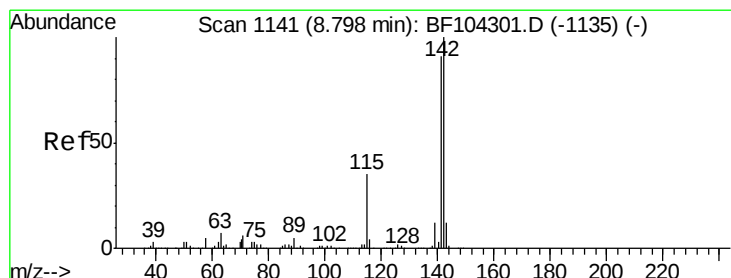
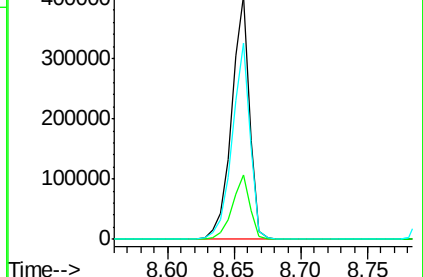
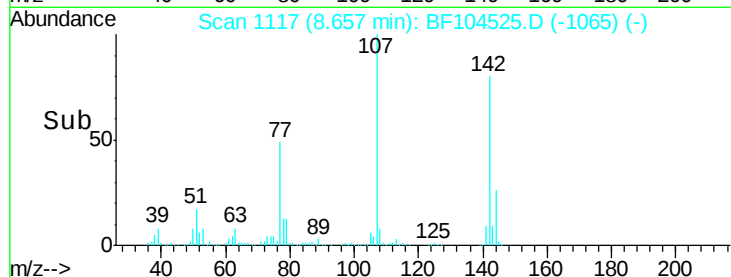
142 80.4 62.0 93.0



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: 38.265 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

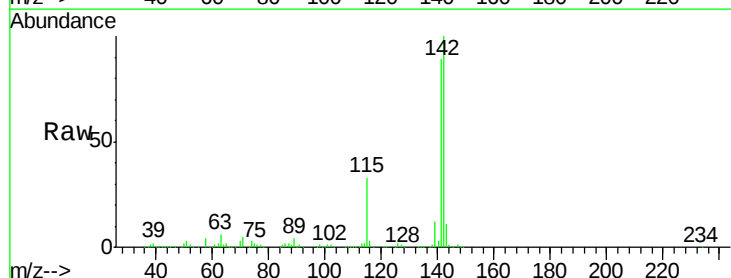
Tgt Ion:142 Resp: 816567

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

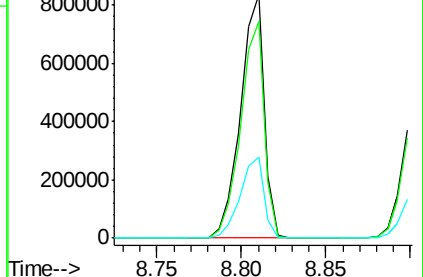
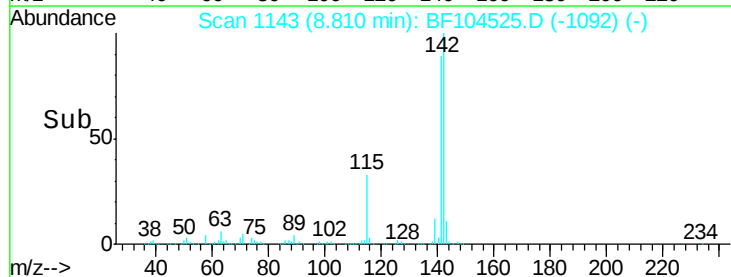
115 33.1 26.1 39.1

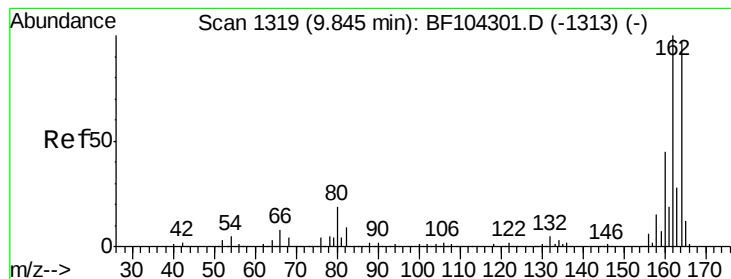


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

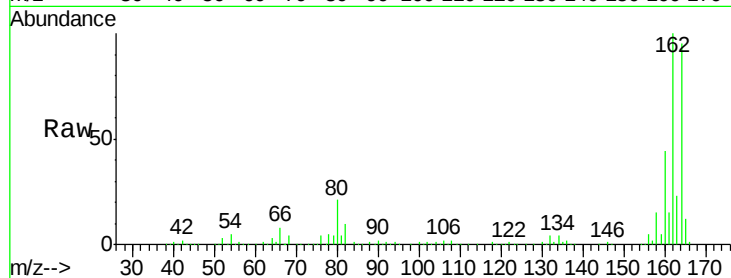
Tot Ion:164 Resp: 307893

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

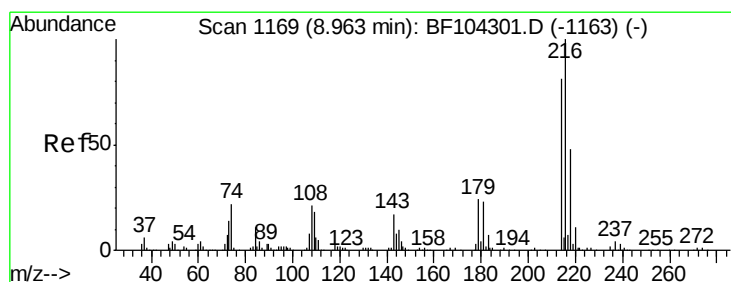
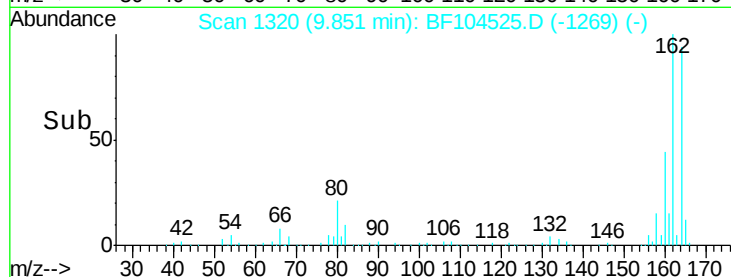
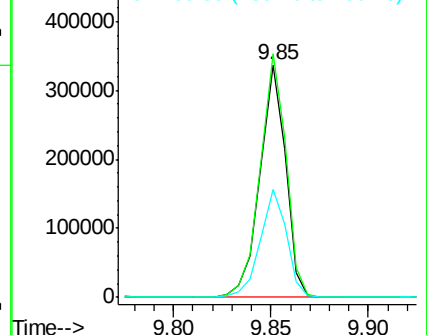
160 46.3 38.3 57.5



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.880 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Tgt Ion:216 Resp: 316232

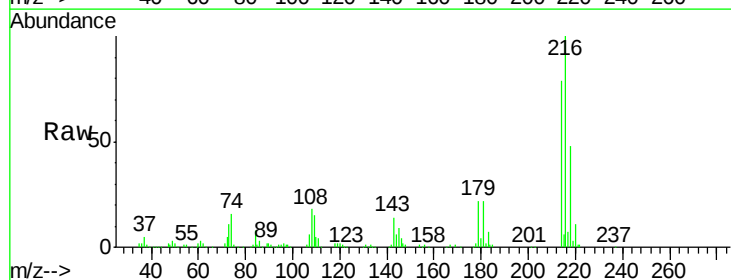
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.5 18.1 27.1

108 23.2 17.2 25.8

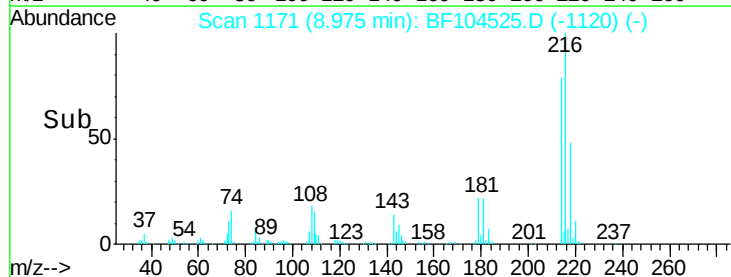
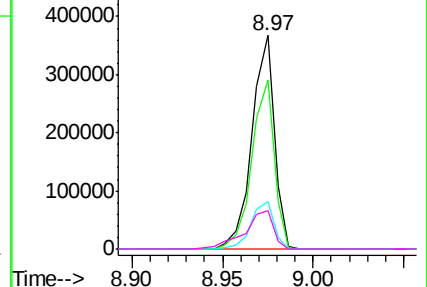


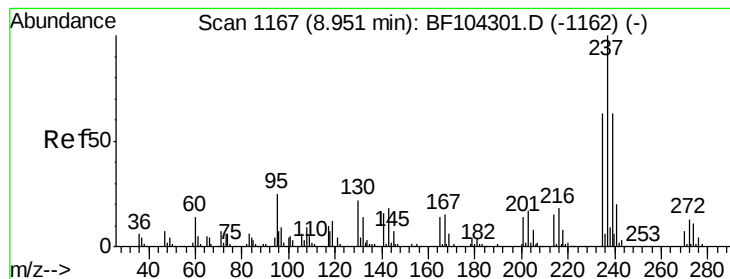
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.496 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

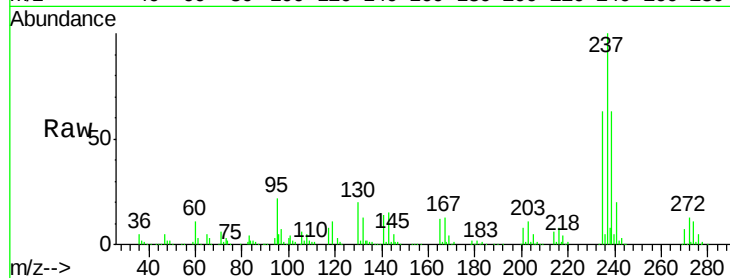
Tot Ion:237 Resp: 362645

Ion Ratio Lower Upper

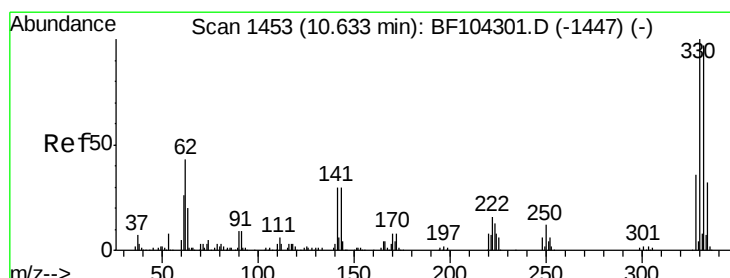
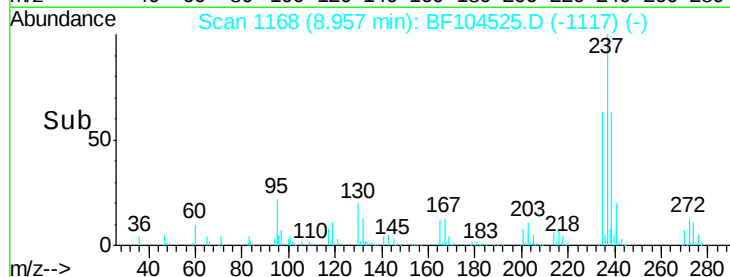
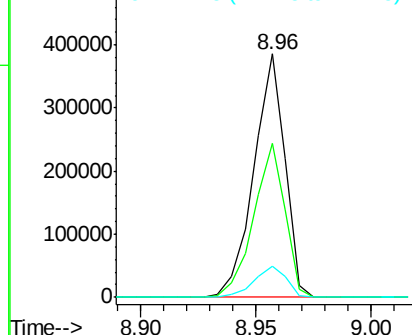
237 100

235 63.3 44.8 84.8

272 13.0 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: 111.702 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

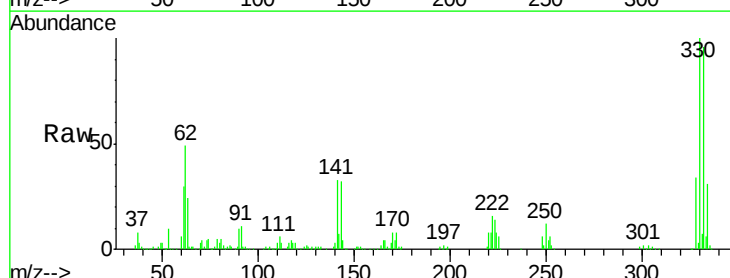
Tgt Ion:330 Resp: 356759

Ion Ratio Lower Upper

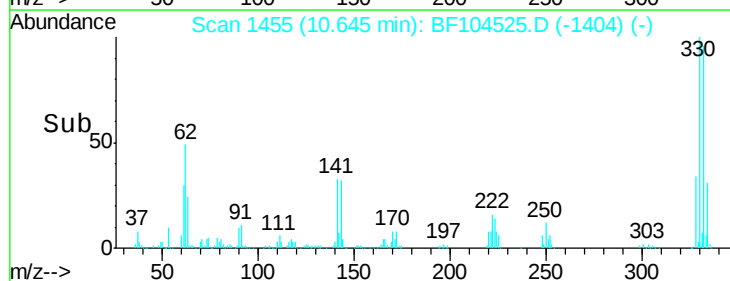
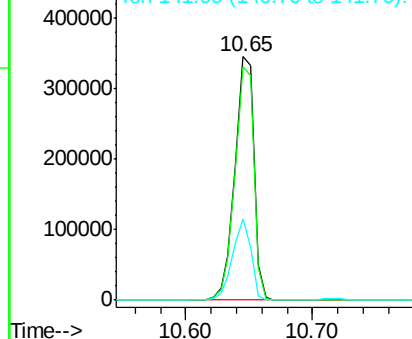
330 100

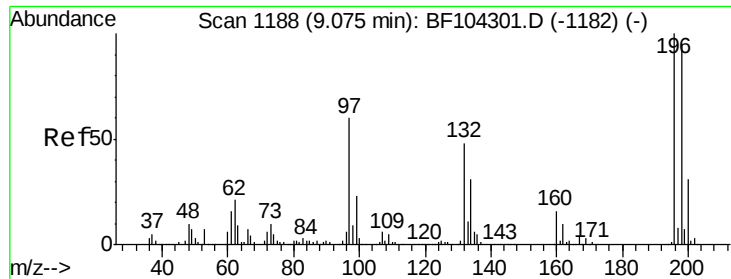
332 95.7 77.0 115.6

141 32.1 29.9 44.9



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

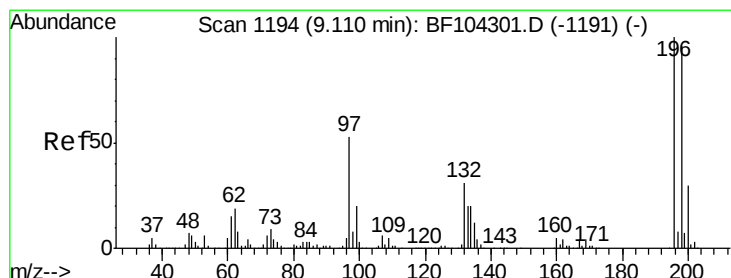
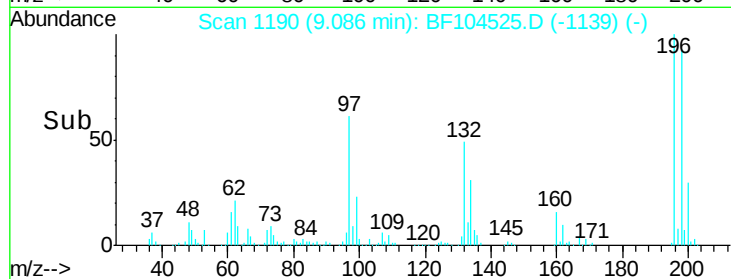
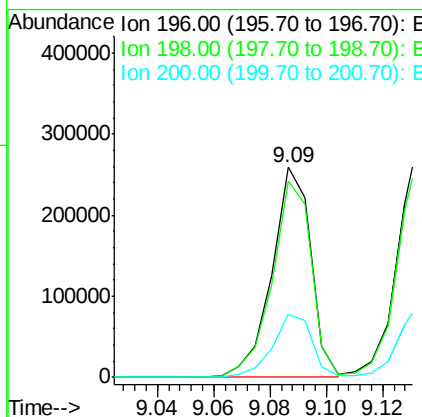
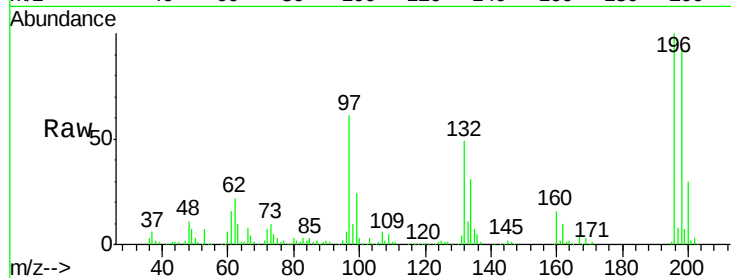




#42
 2,4,6-Trichlorophenol
 Concen: 40.650 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

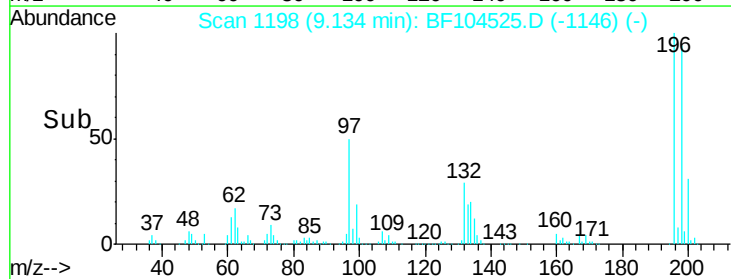
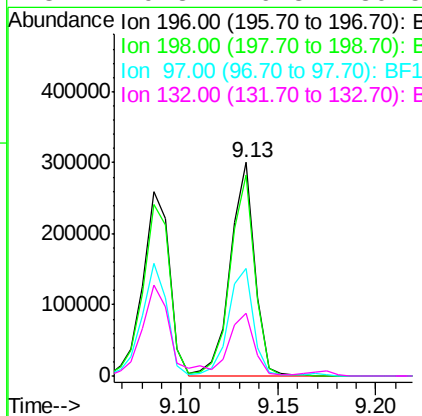
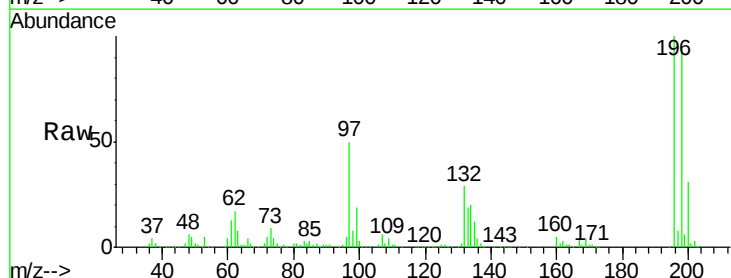
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

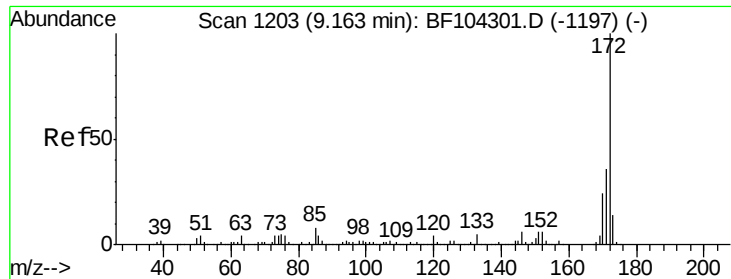
Tot Ion:196	Resp:	248710
Ion	Ratio	Lower Upper
196	100	
198	93.3	75.7 113.5
200	29.8	24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.798 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:196	Resp:	258785
Ion	Ratio	Lower Upper
196	100	
198	94.2	74.6 112.0
97	50.3	42.9 64.3
132	29.3	26.3 39.5

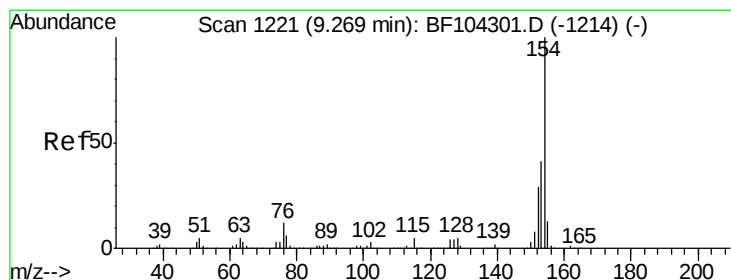
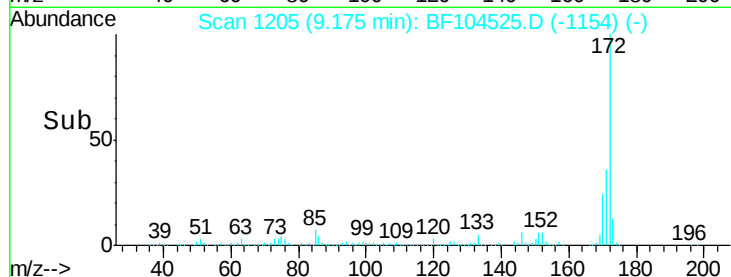
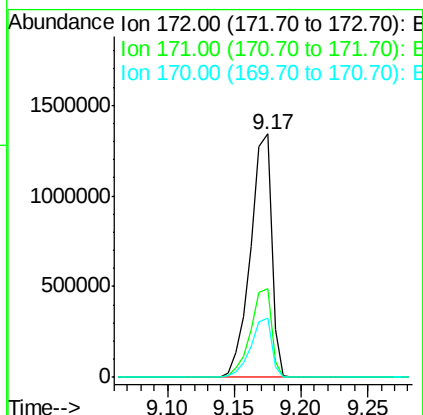
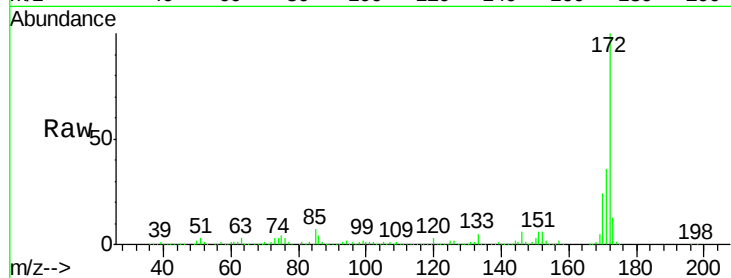




#44
2-Fluorobiphenyl
Concen: 74.361 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

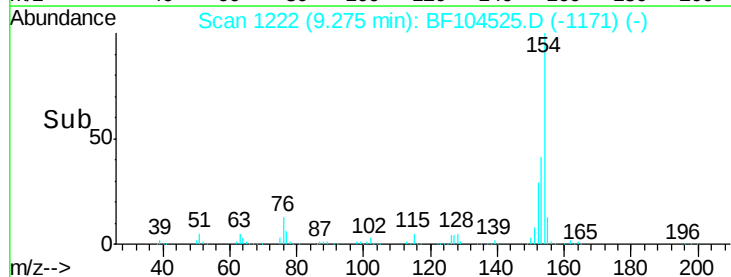
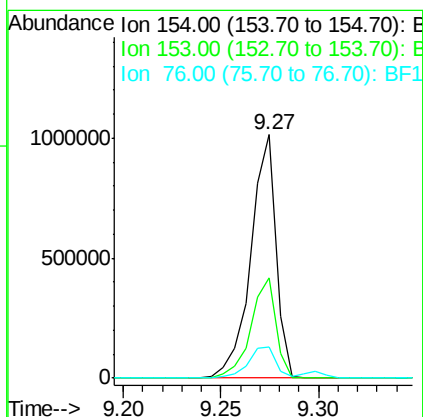
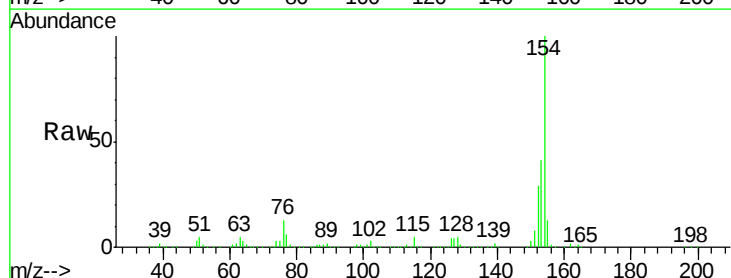
Instrument :
BNA_F
ClientSampleId :
PB108119BS

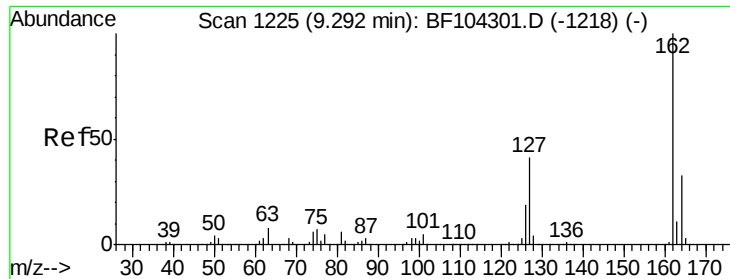
Tot Ion:172 Resp: 1449300
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 35.199 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:154 Resp: 910424
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 12.8 0.0 34.0

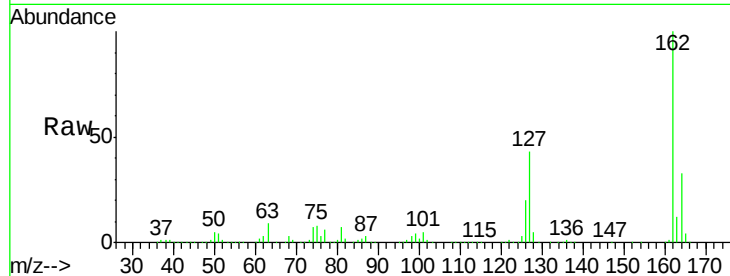




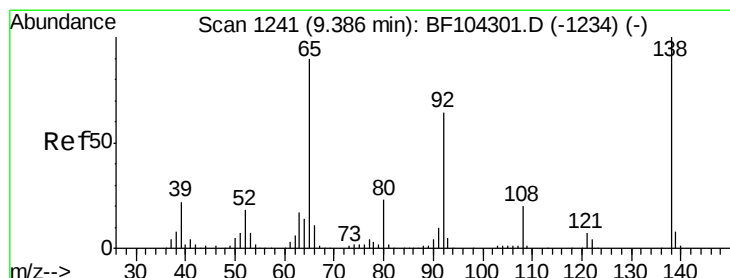
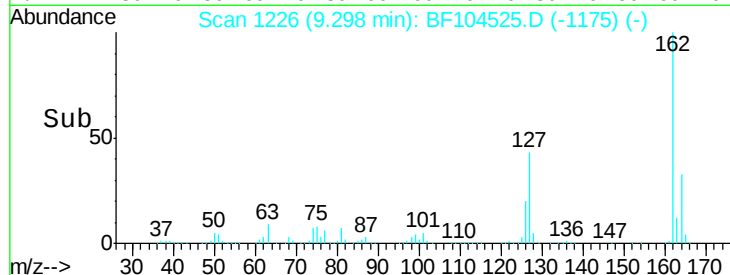
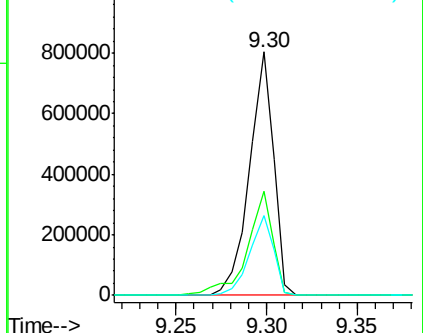
#46
 2-Chloronaphthalene
 Concen: 36.412 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion:162 Resp: 743910
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.9 50.9
 164 32.8 26.5 39.7

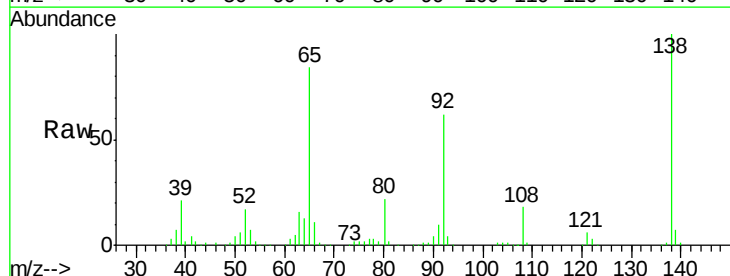


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

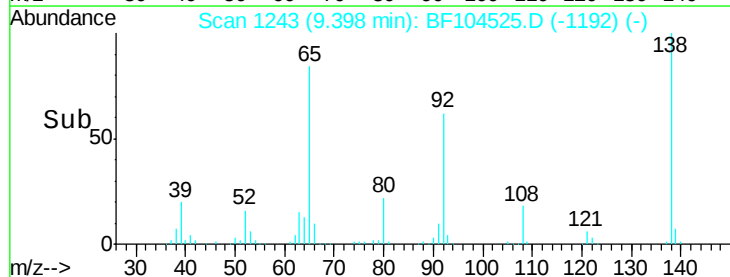
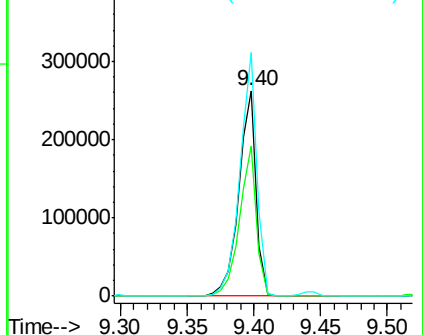


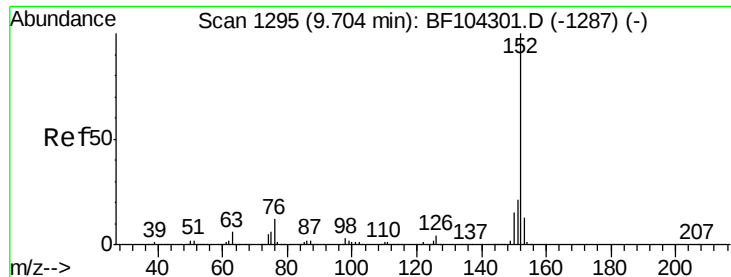
#47
 2-Nitroaniline
 Concen: 46.972 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion: 65 Resp: 237321
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 118.6 91.2 136.8



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





#48

Acenaphthylene

Concen: 35.455 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

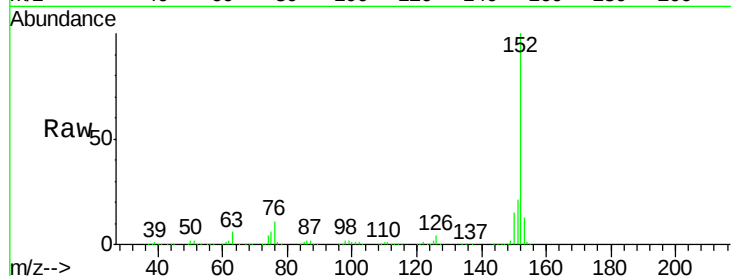
Tot Ion:152 Resp: 1136499

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

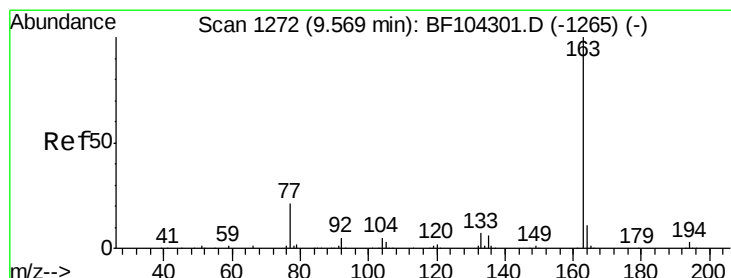
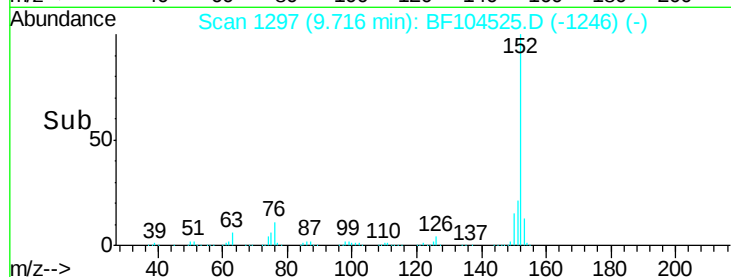
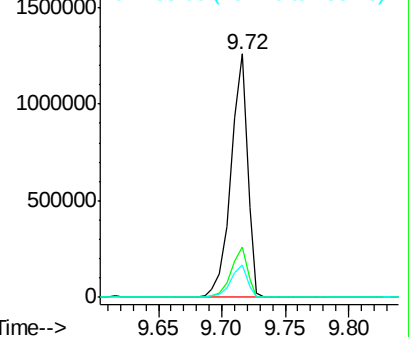
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.083 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

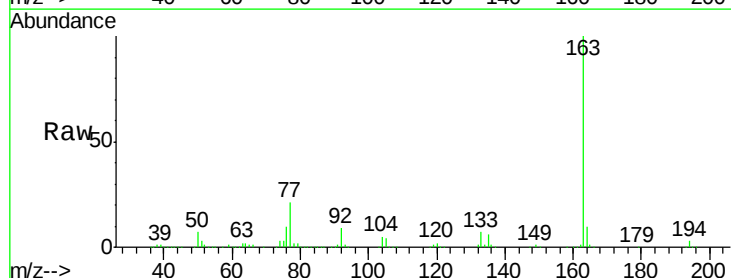
Tgt Ion:163 Resp: 900370

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

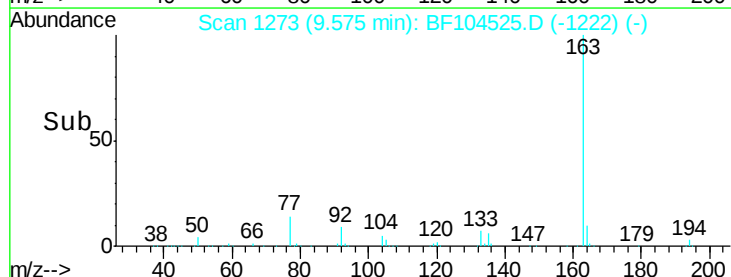
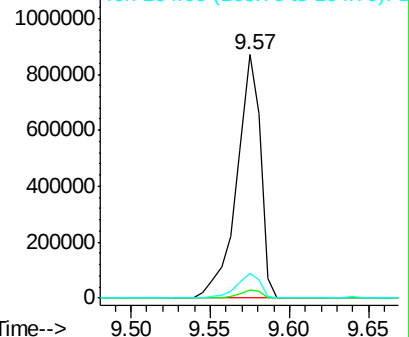
164 10.3 8.2 12.2

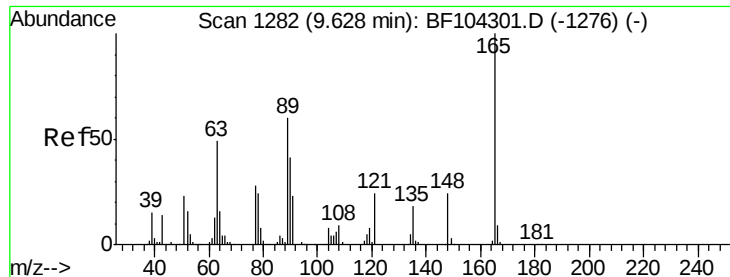


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

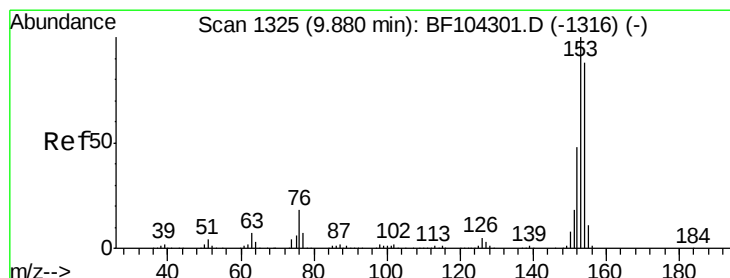
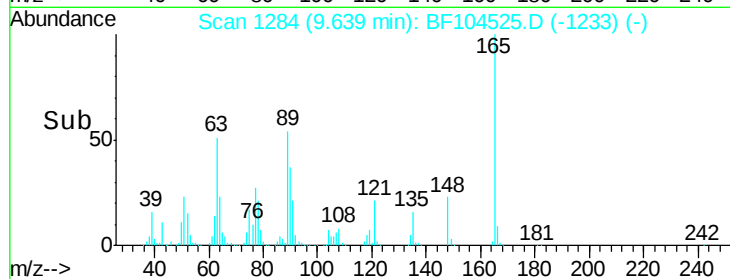
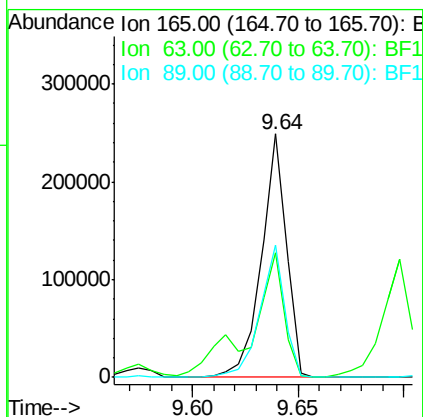
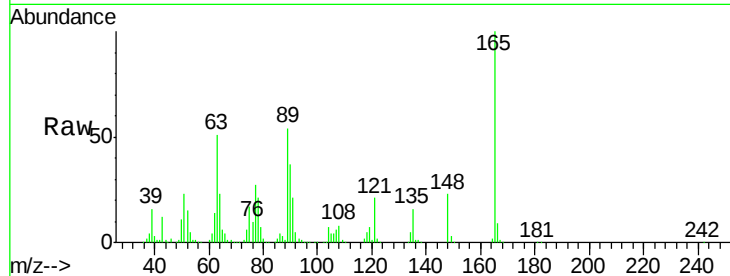




#50
 2,6-Dinitrotoluene
 Concen: 45.763 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

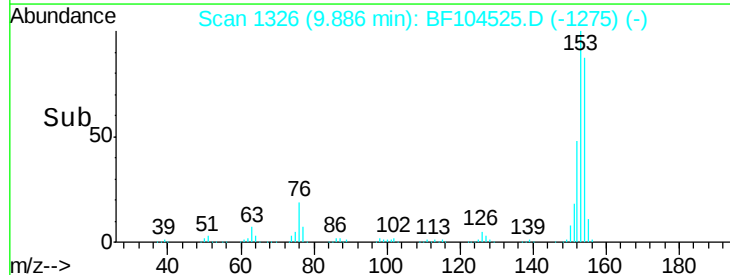
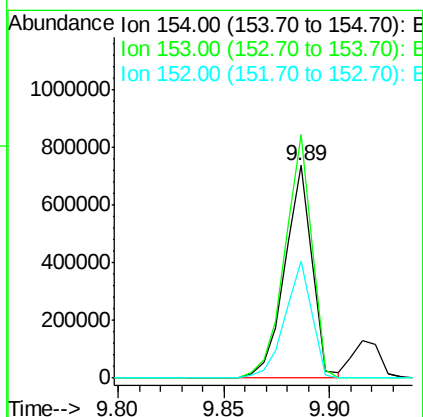
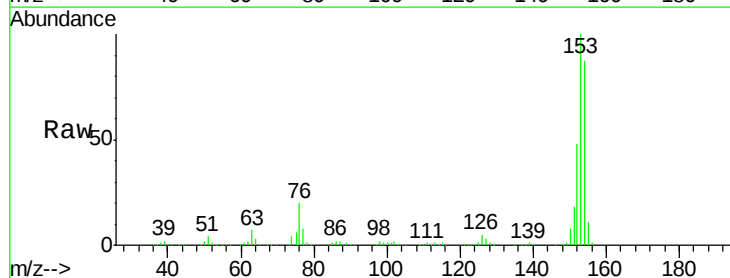
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

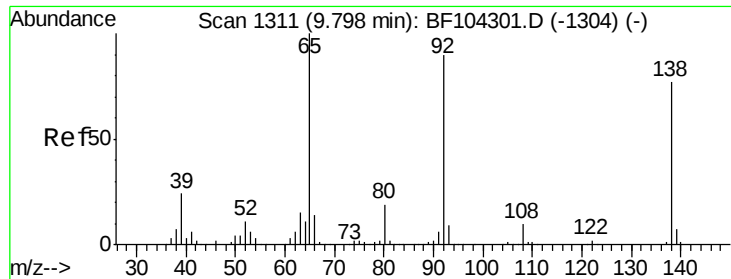
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	44.7	67.1
89	54.1	44.0	66.0



#51
 Acenaphthene
 Concen: 34.158 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	55.2	43.8	65.8

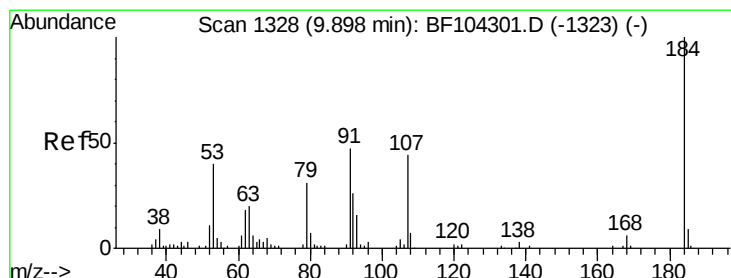
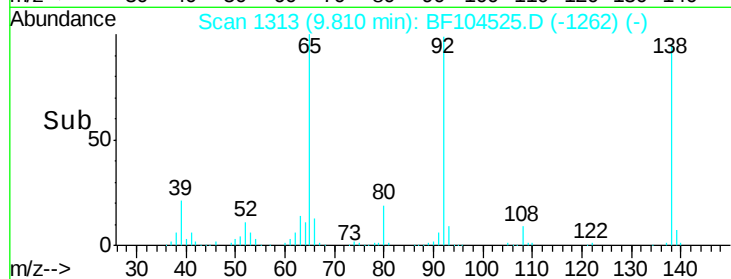
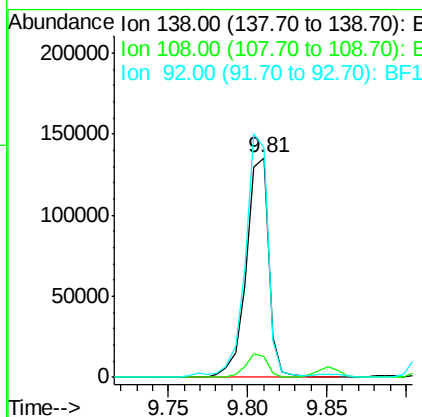
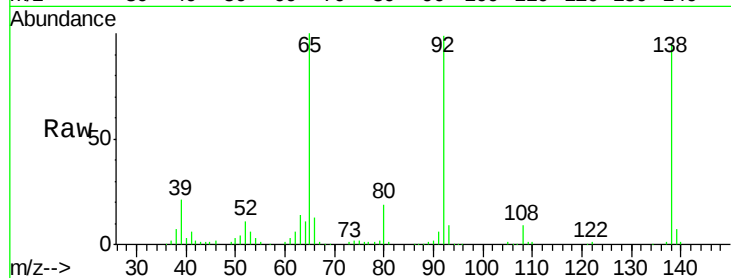




#52
3-Nitroaniline
Concen: 25.341 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

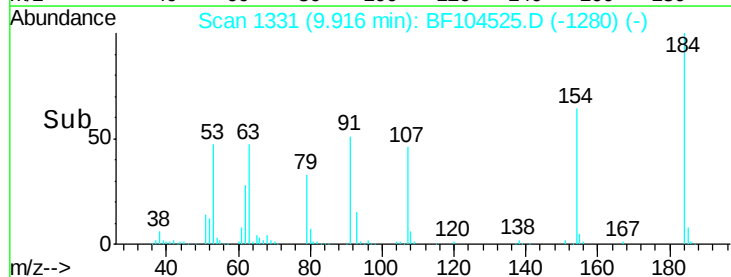
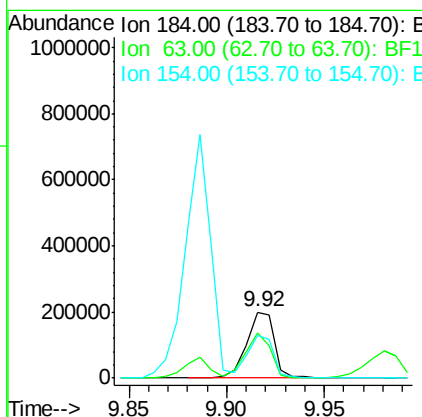
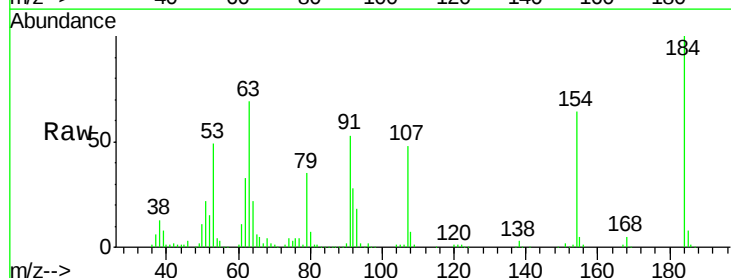
Instrument :
BNA_F
ClientSampleId :
PB108119BS

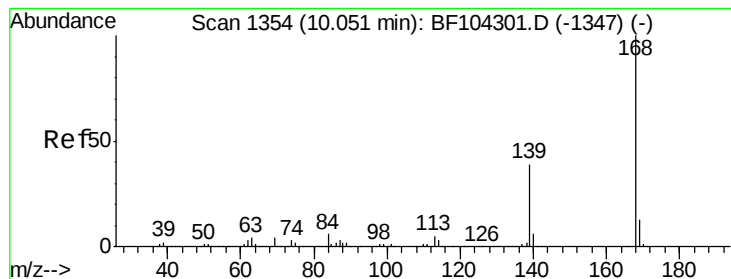
Tot Ion:138 Resp: 133284
Ion Ratio Lower Upper
138 100
108 9.3 9.4 14.0#
92 104.7 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 97.022 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:184 Resp: 198614
Ion Ratio Lower Upper
184 100
63 69.0 54.2 81.2
154 64.4 184.0 276.0#





#54

Dibenzenofuran

Concen: 37.379 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

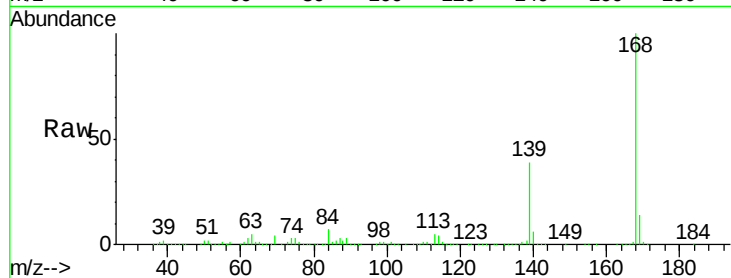
Tot Ion:168 Resp: 1018776

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

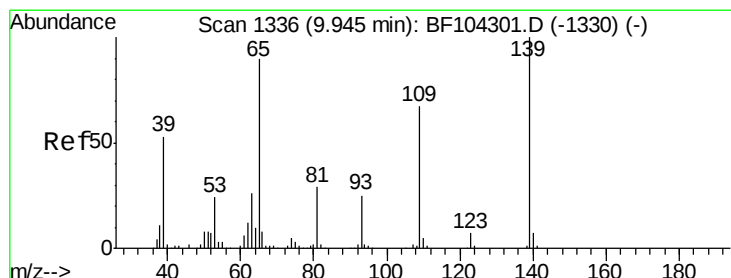
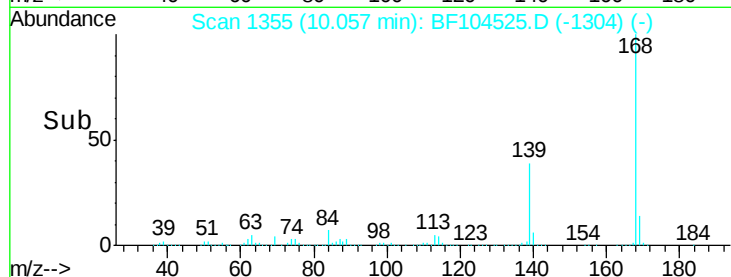
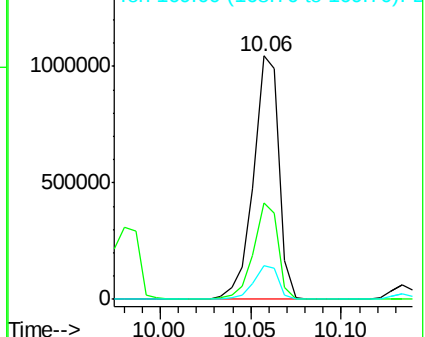
169 13.9 10.9 16.3



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: 87.076 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

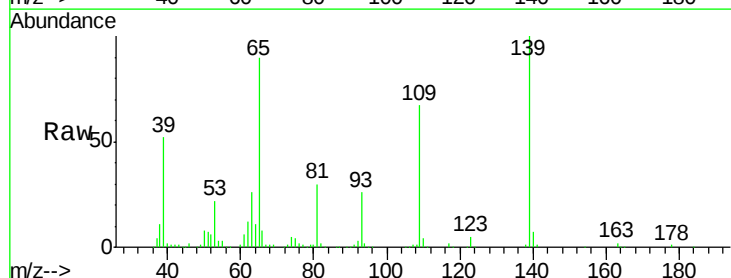
Tgt Ion:139 Resp: 359763

Ion Ratio Lower Upper

139 100

109 66.9 48.4 88.4

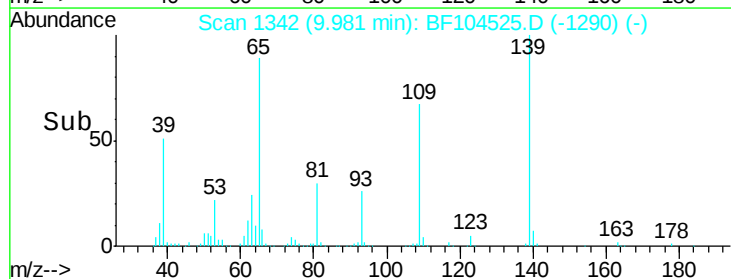
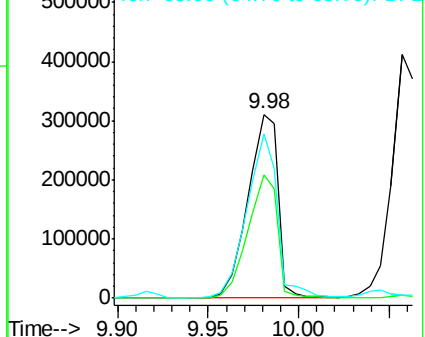
65 89.6 72.6 112.6

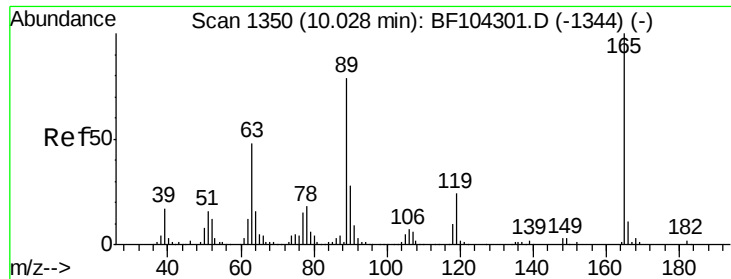


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 44.967 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

Tot Ion:165 Resp: 264996

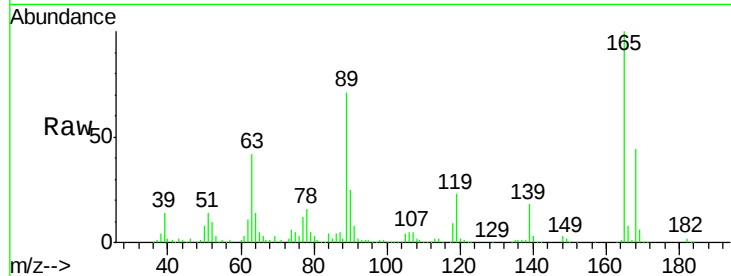
Ion Ratio Lower Upper

165 100

63 41.8 36.4 54.6

89 70.8 57.8 86.6

182 2.4 1.6 2.4

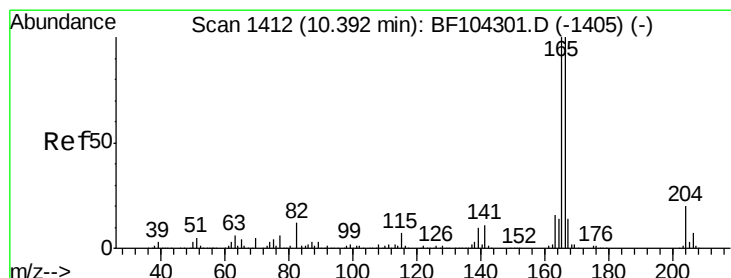
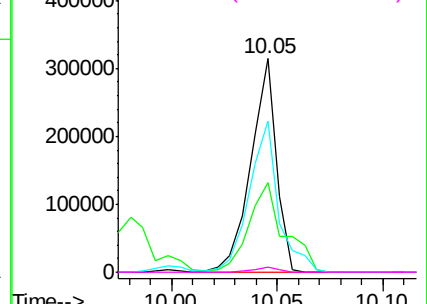
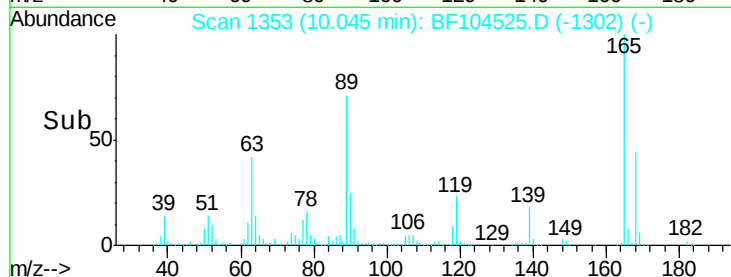


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 38.200 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

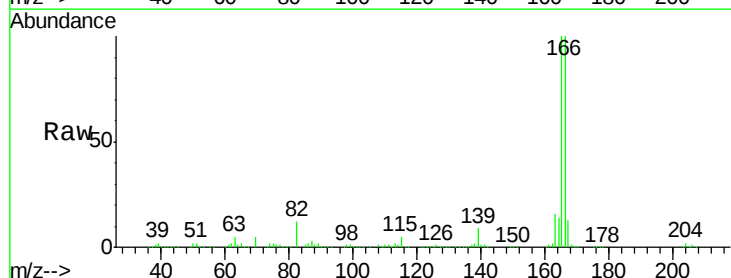
Tgt Ion:166 Resp: 757822

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

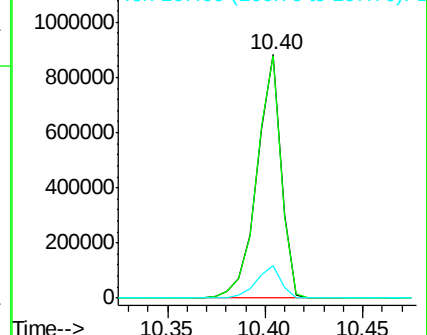
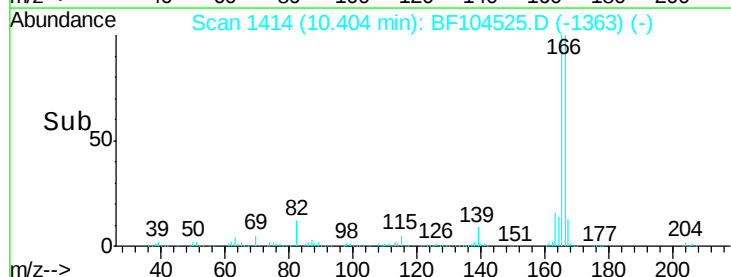
167 13.4 10.6 16.0

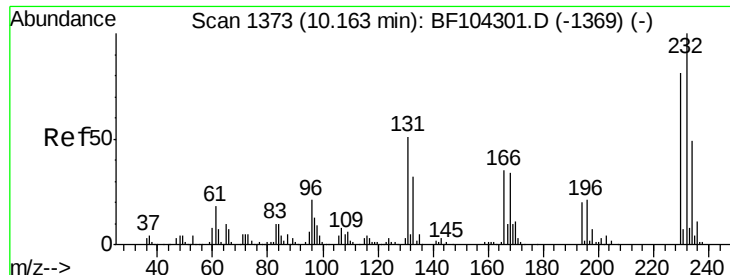


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

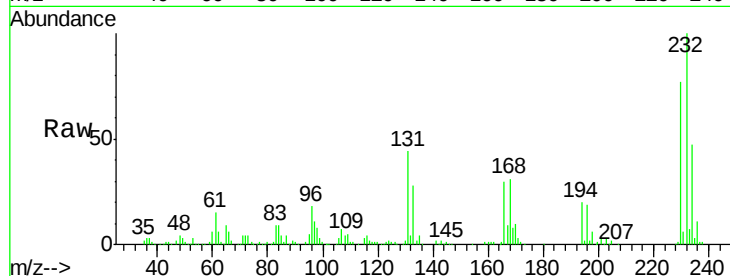




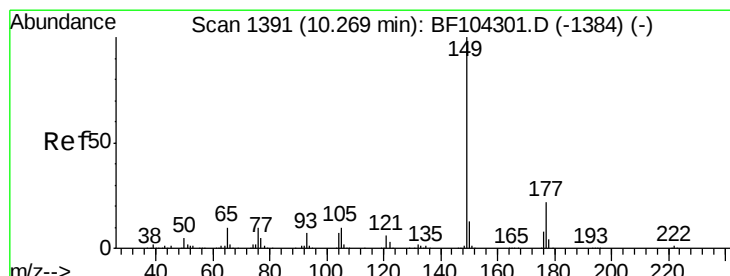
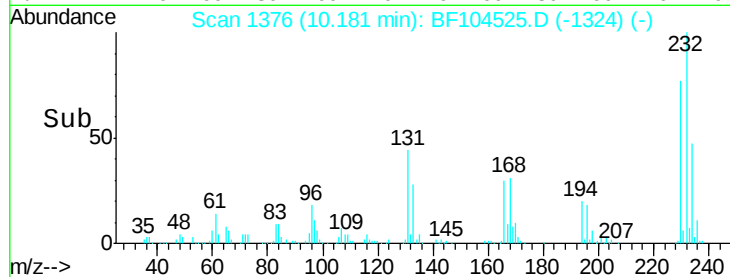
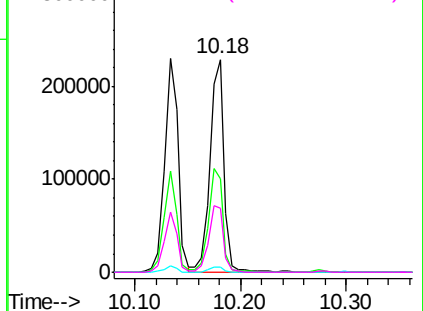
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.696 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion:	232	Resp:	212979
Ion	Ratio	Lower	Upper
232	100		
131	49.6	43.8	65.8
130	2.4	2.1	3.1
166	32.8	27.8	41.6

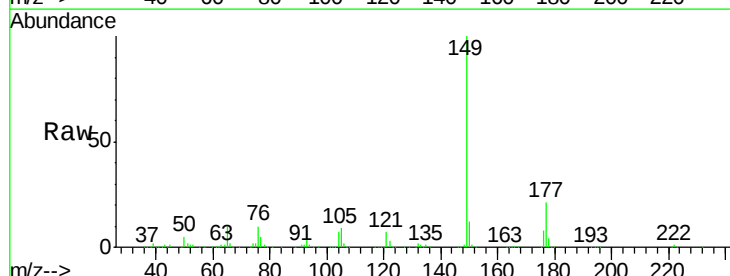


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

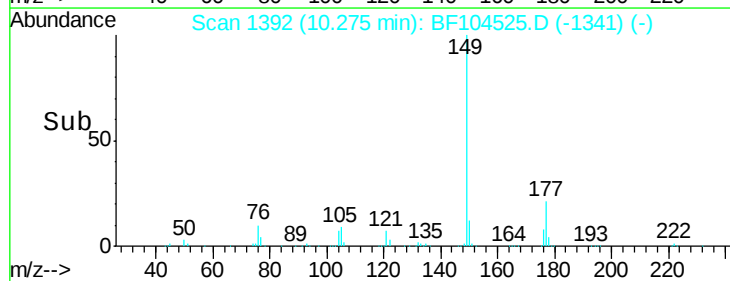
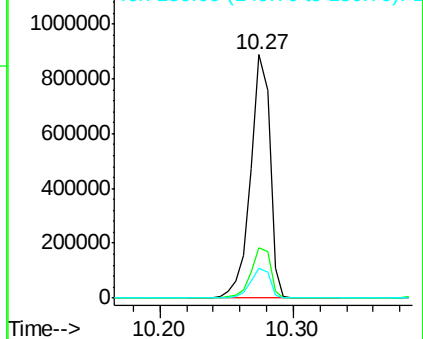


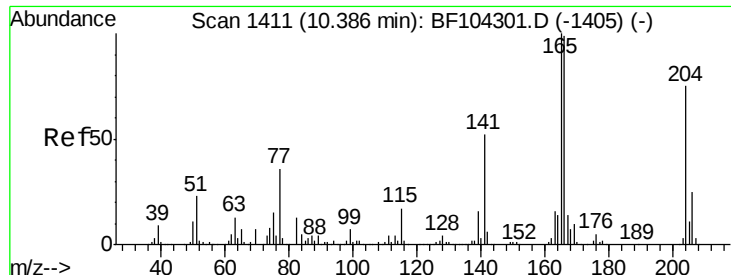
#59
 Diethylphthalate
 Concen: 36.254 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:	149	Resp:	876647
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

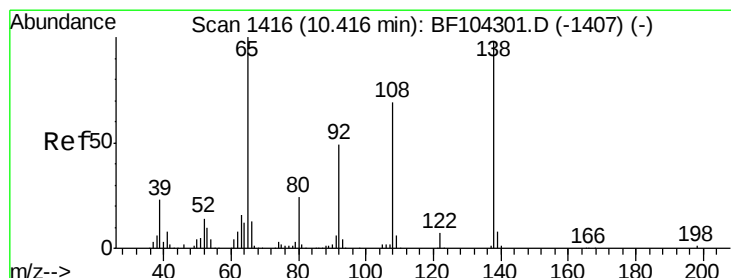
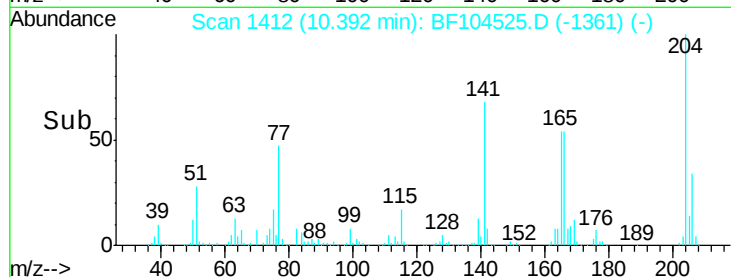
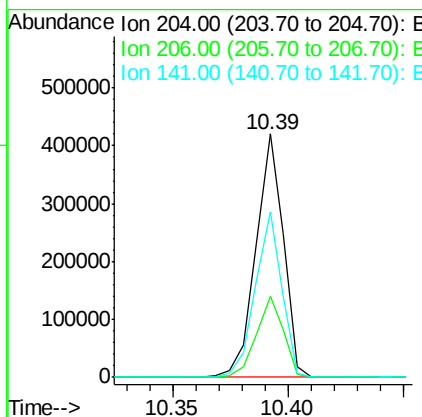
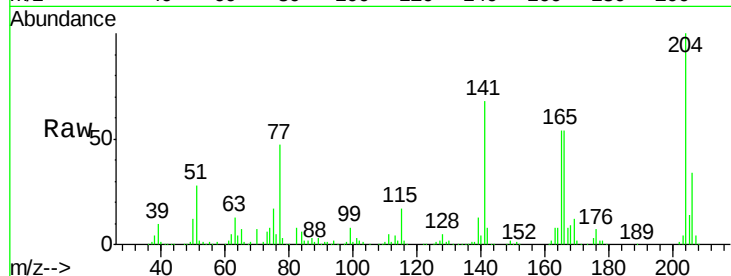




#60
 4-Chlorophenyl-phenylether
 Concen: 39.386 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

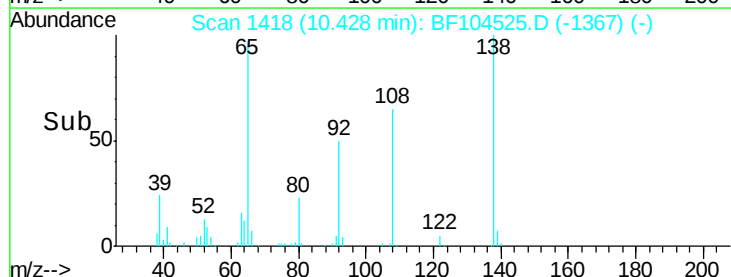
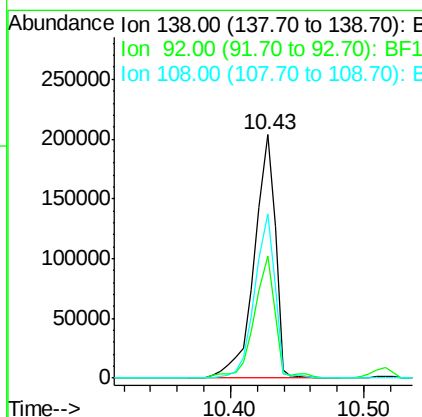
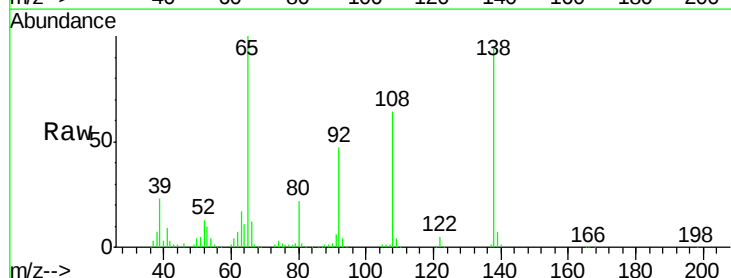
Instrument :
 BNA_F
 ClientSampleID :
 PB108119BS

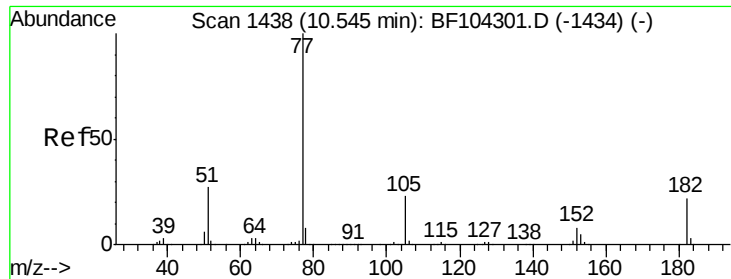
Tot Ion:204 Resp: 347973
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.5 39.7
 141 67.8 54.6 81.8



#61
 4-Nitroaniline
 Concen: 42.859 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:138 Resp: 220411
 Ion Ratio Lower Upper
 138 100
 92 50.2 30.2 70.2
 108 67.7 52.5 92.5





#62

Azobenzene

Concen: 36.896 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

Tot Ion: 77 Resp: 852371

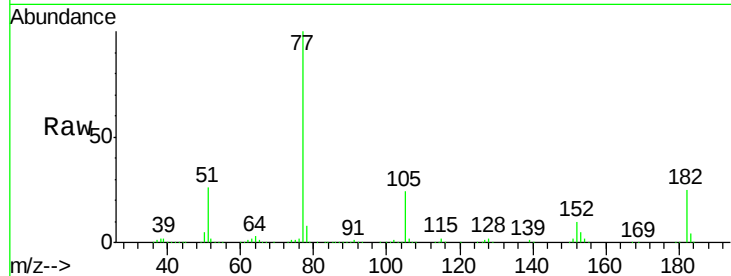
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 24.3 3.0 43.0

51 25.7 9.9 49.9

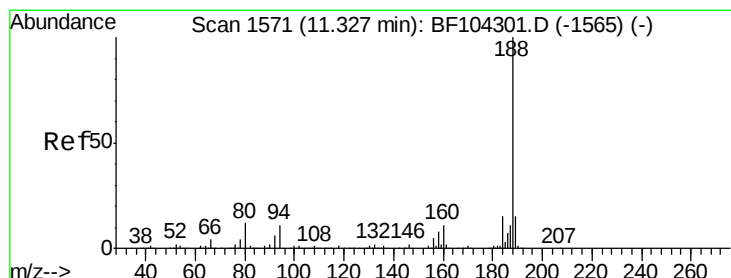
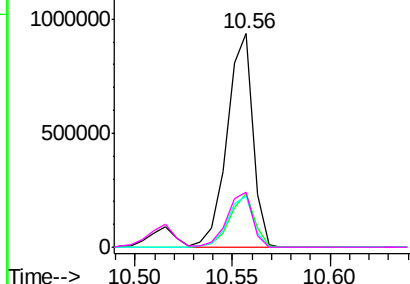
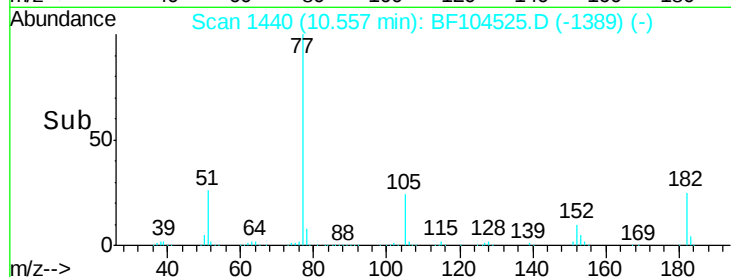


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

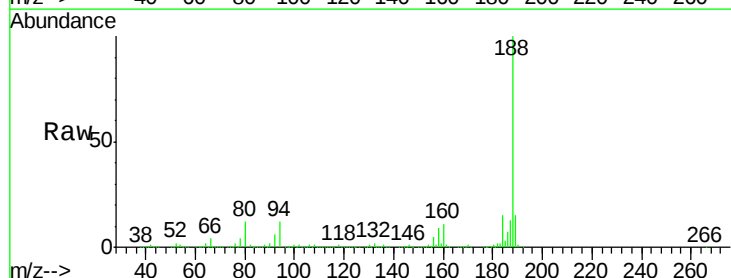
Tgt Ion: 188 Resp: 561948

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

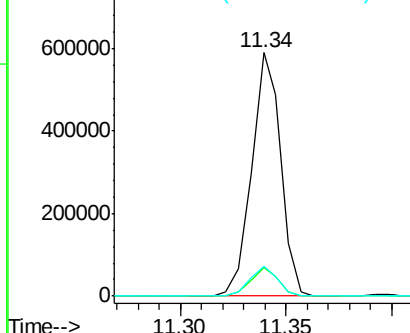
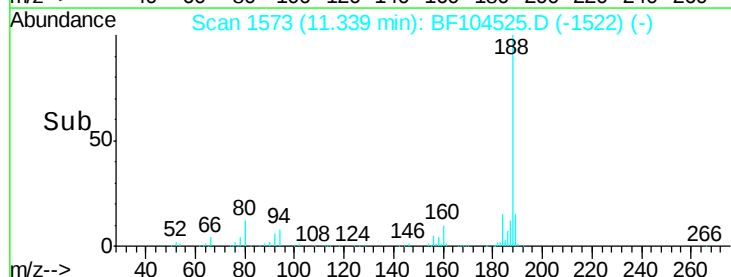
80 12.3 9.2 13.8

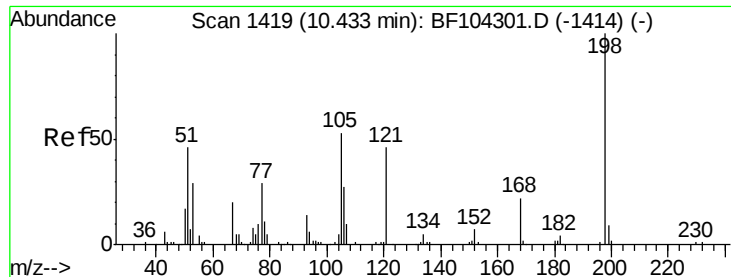


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

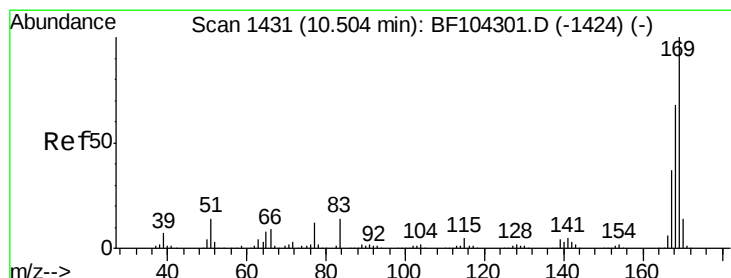
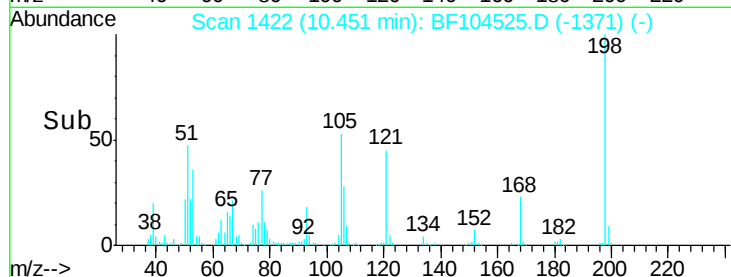
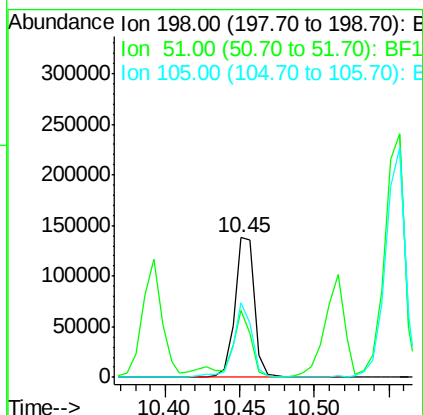
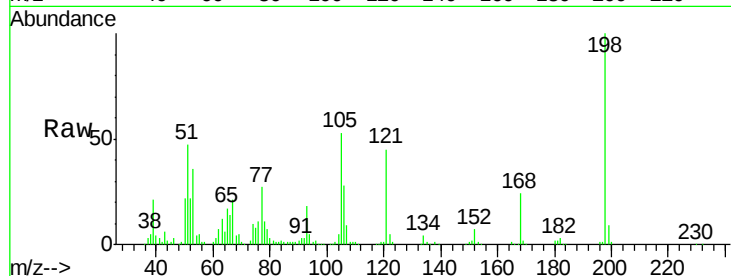




#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.473 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

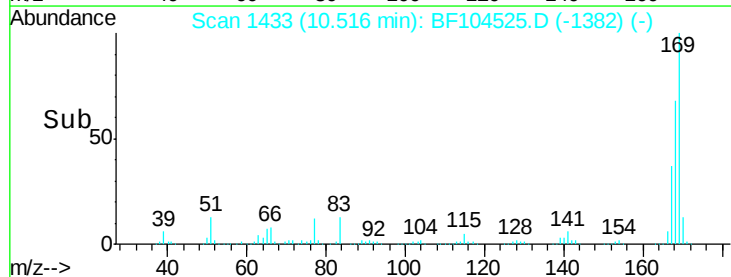
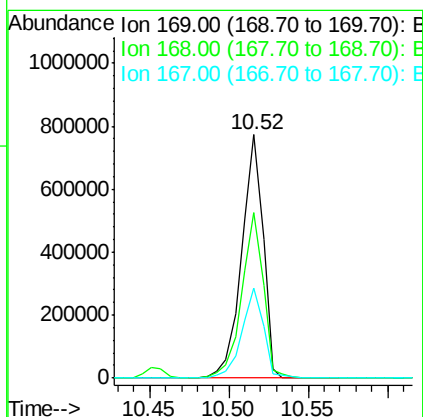
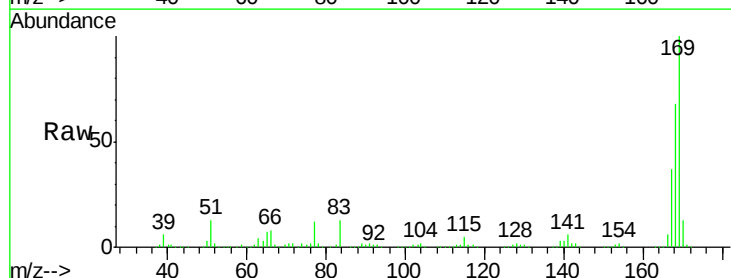
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

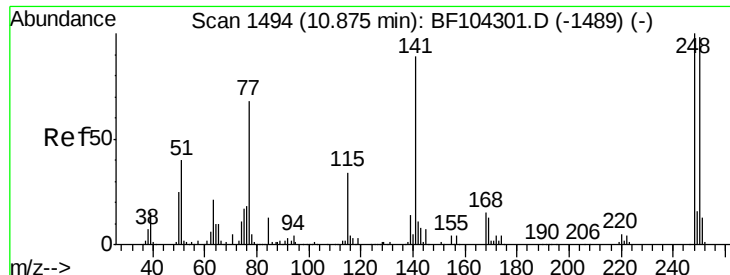
Tot Ion:198 Resp: 129663
 Ion Ratio Lower Upper
 198 100
 51 47.5 37.7 77.7
 105 53.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 37.043 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:169 Resp: 721751
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.1 29.8 44.6

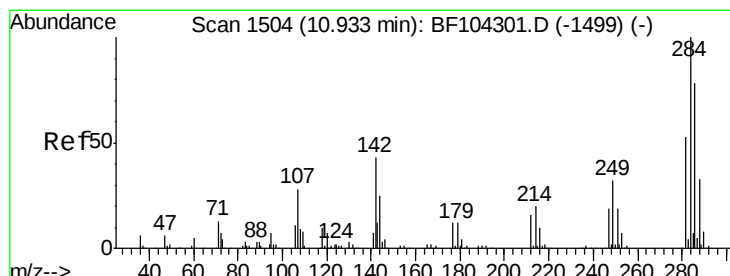
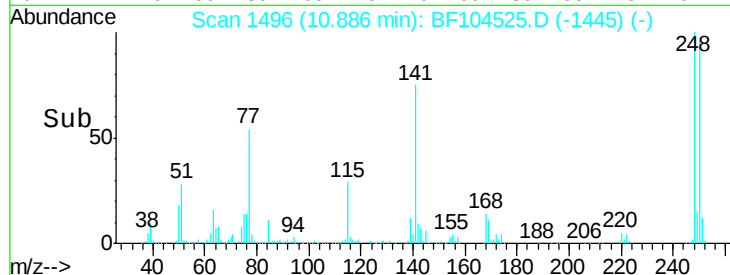
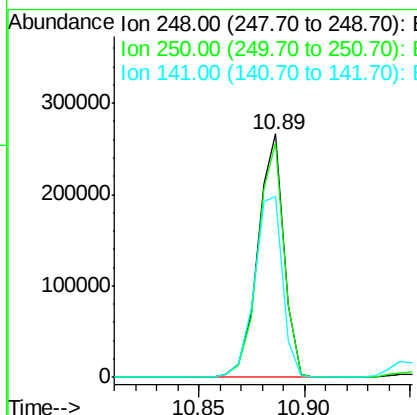
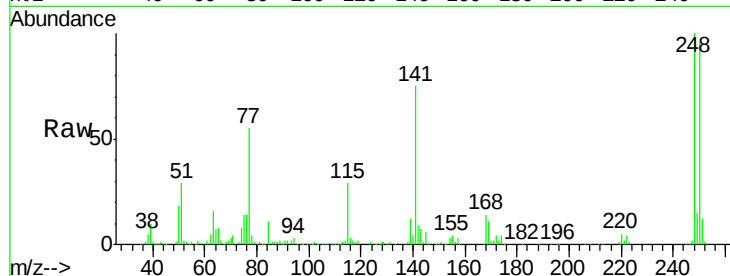




#66
 4-Bromophenyl-phenylether
 Concen: 38.325 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

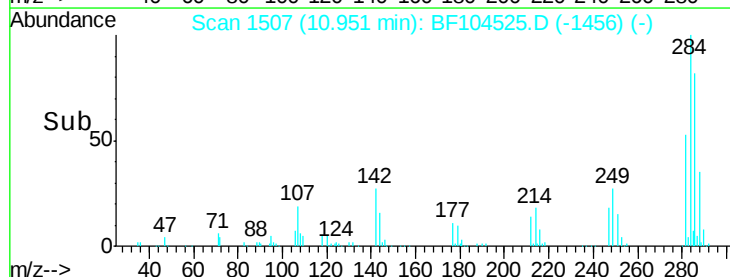
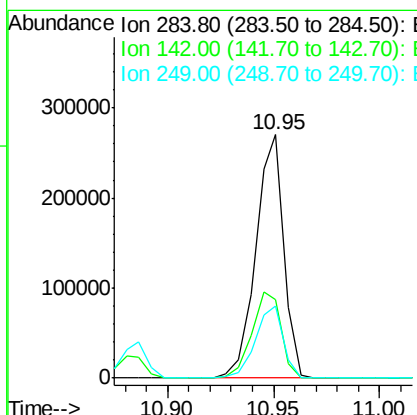
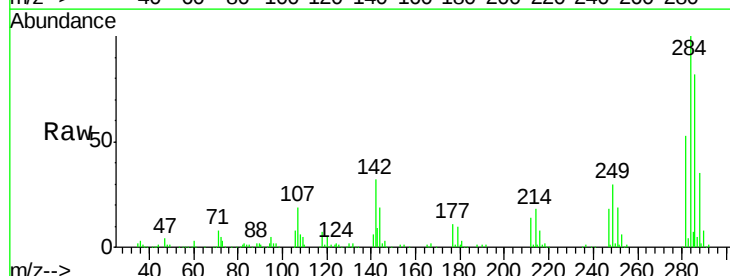
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

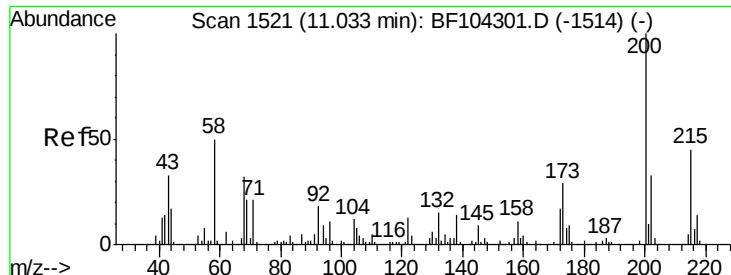
Tot Ion:	248	Resp:	229080
Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	74.5	74.4	111.6



#67
 Hexachlorobenzene
 Concen: 36.911 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:	284	Resp:	248253
Ion	Ratio	Lower	Upper
284	100		
142	32.3	34.6	52.0#
249	29.5	24.8	37.2

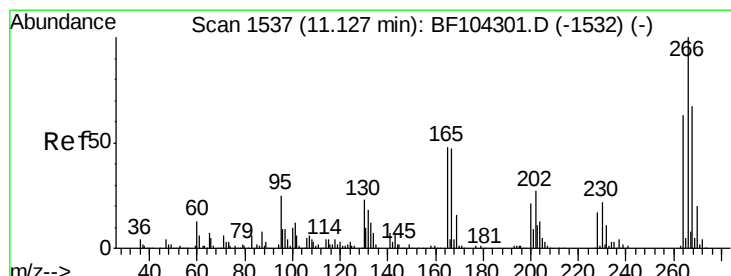
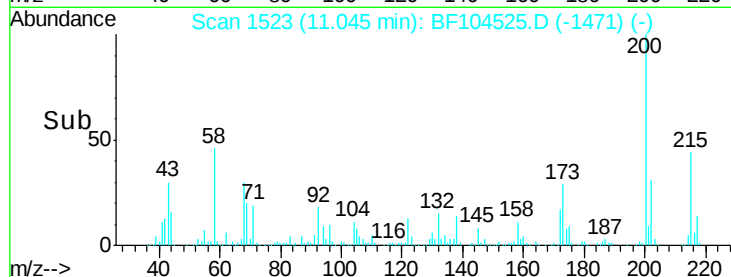
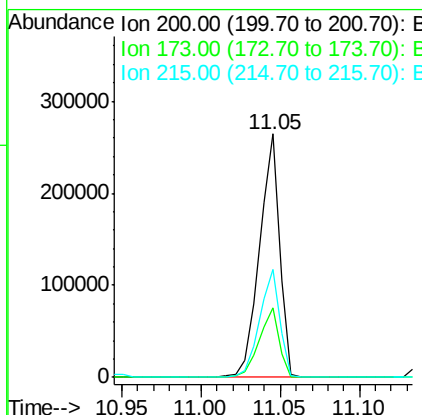
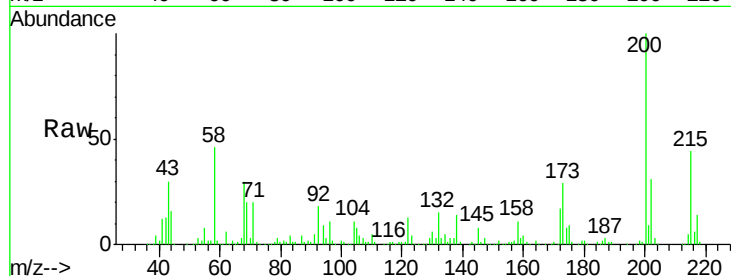




#68
 Atrazine
 Concen: 40.125 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

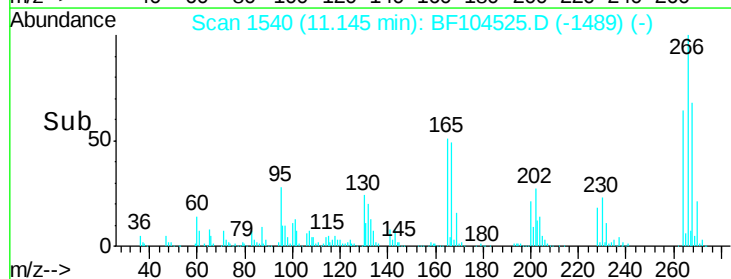
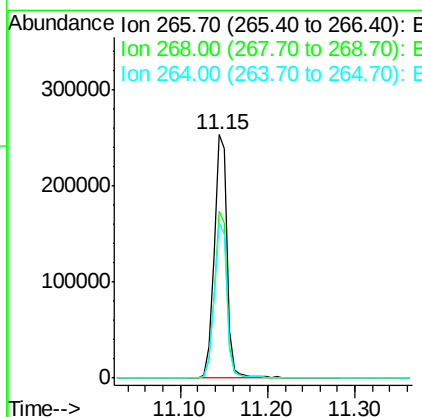
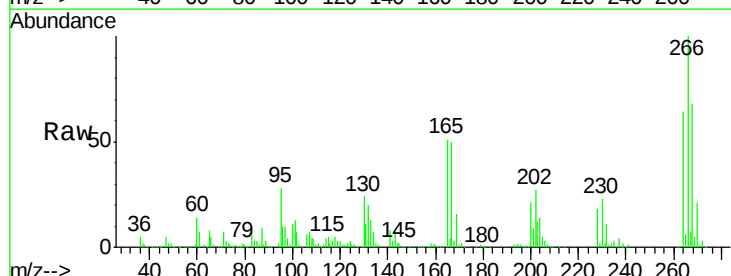
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

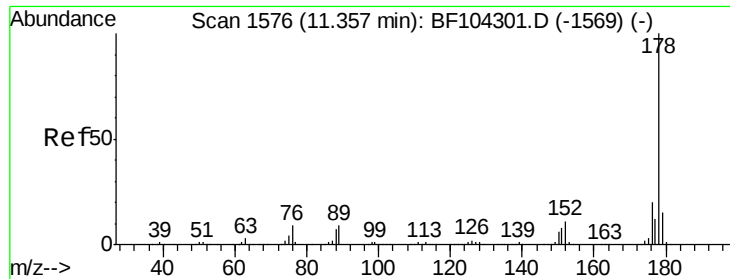
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.6	48.6
215	44.2	25.1	65.1



#69
 Pentachlorophenol
 Concen: 62.629 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	63.6	49.5	74.3

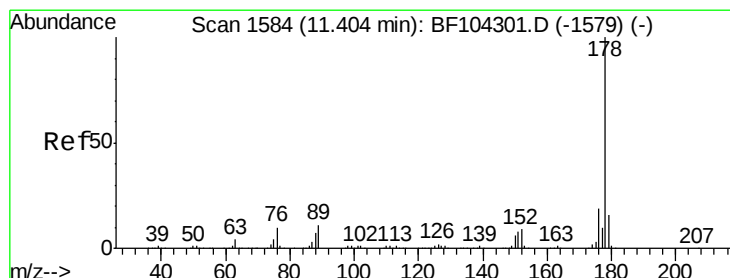
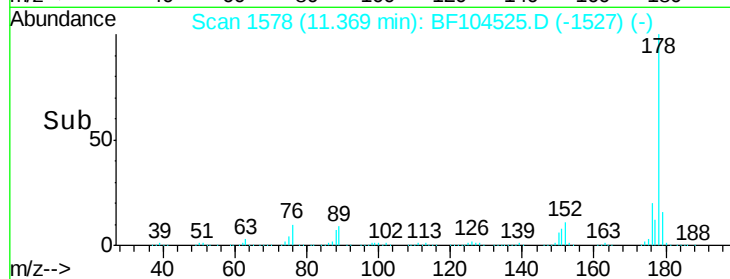
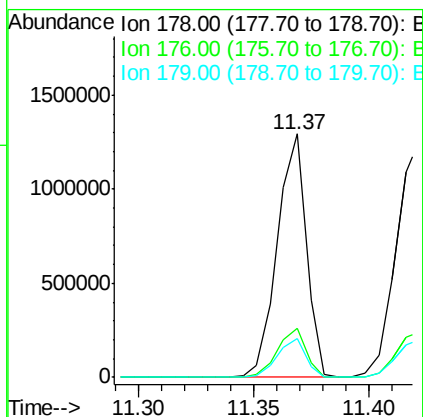
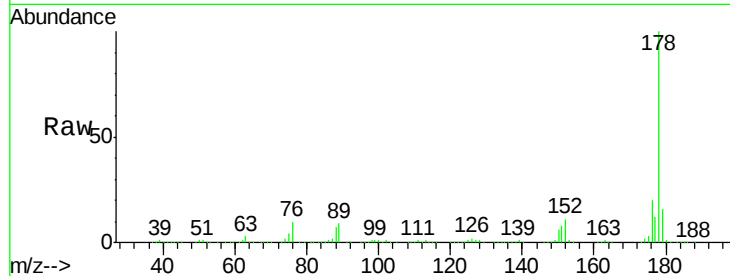




#70
Phenanthrene
Concen: 36.104 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

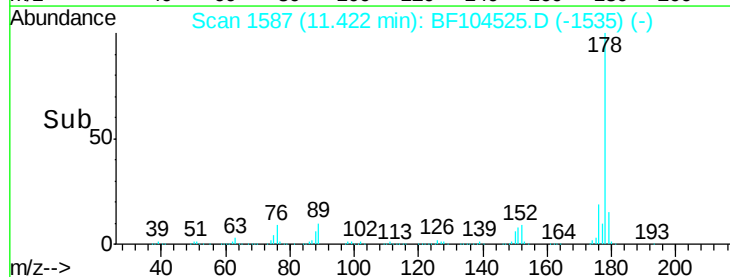
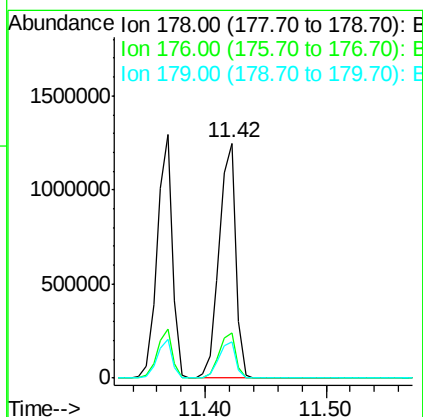
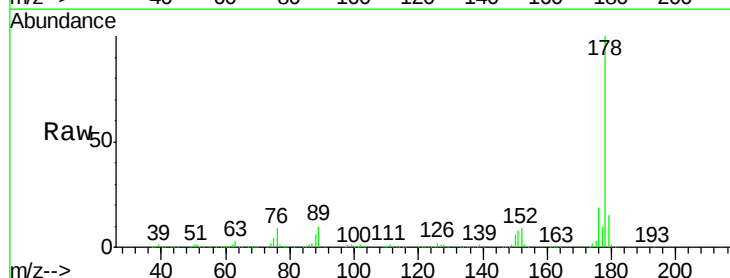
Instrument :
BNA_F
ClientSampleId :
PB108119BS

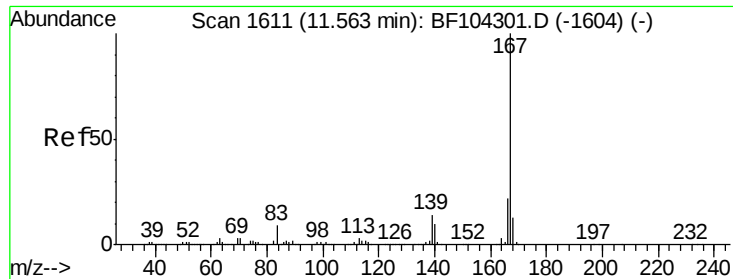
Tot Ion:178 Resp: 1129865
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 36.994 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:178 Resp: 1176841
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.6 19.0

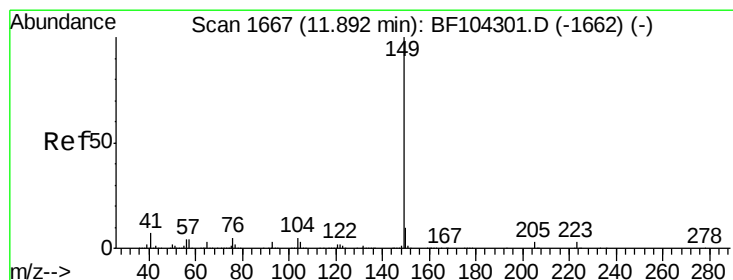
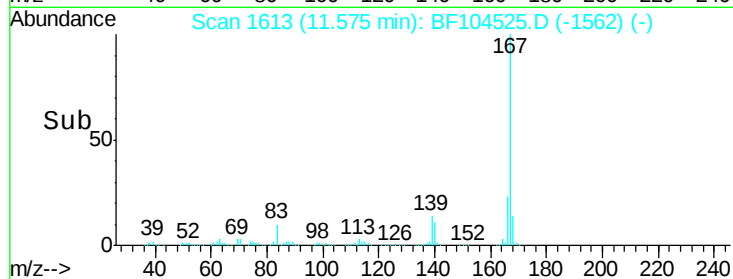
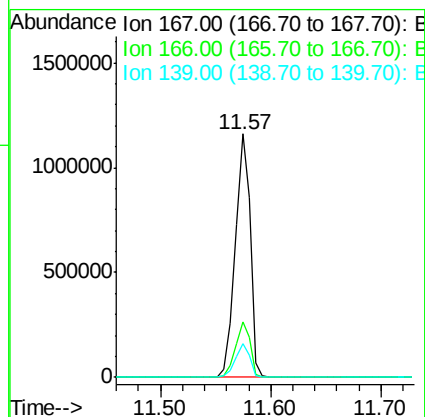
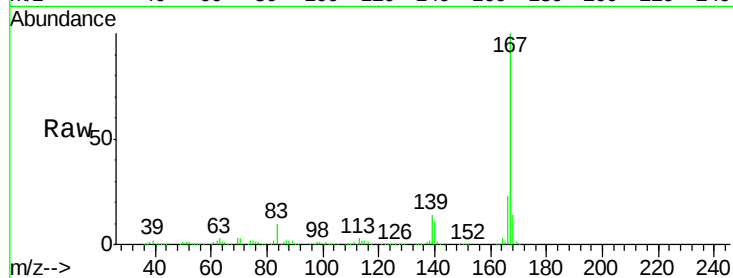




#72
 Carbazole
 Concen: 35.727 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

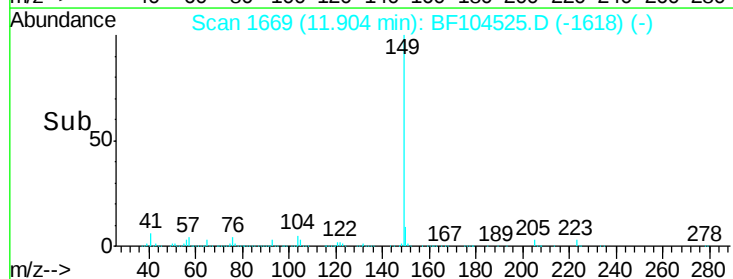
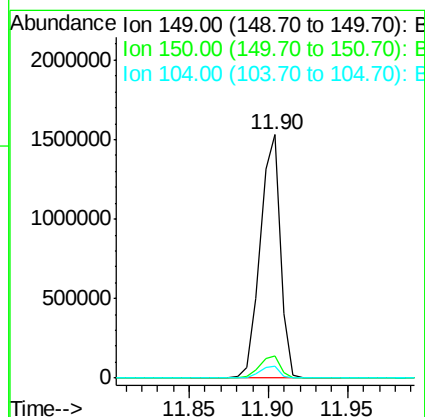
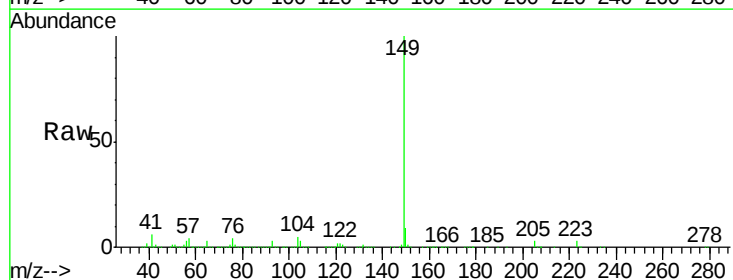
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

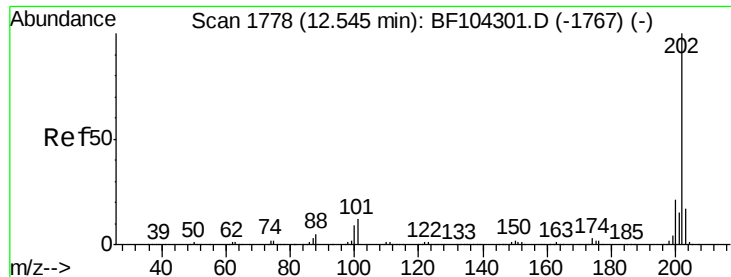
Tot Ion:167 Resp: 1110575
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.8 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 35.766 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:149 Resp: 1358120
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.9 3.8 5.8

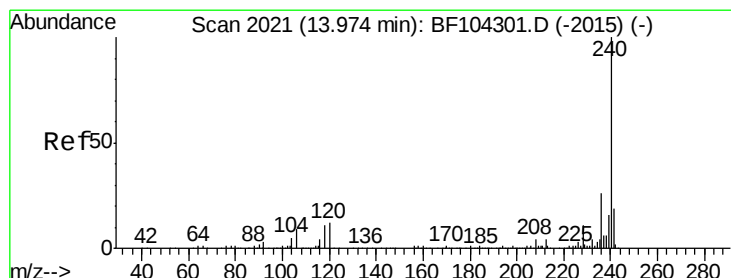
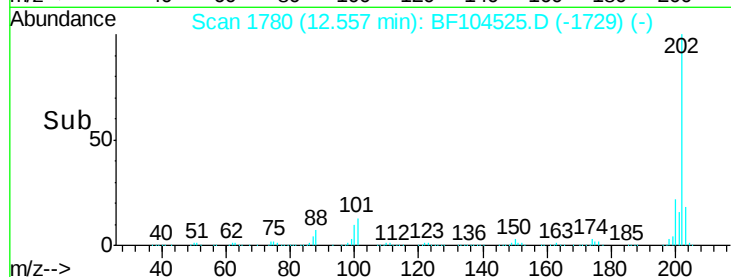
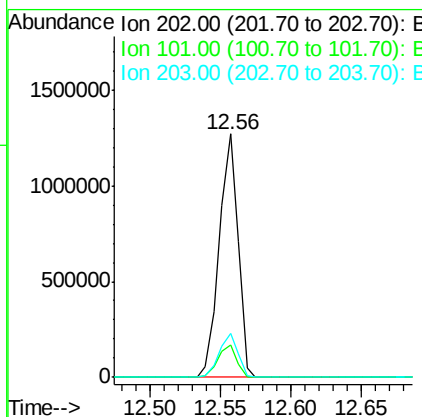
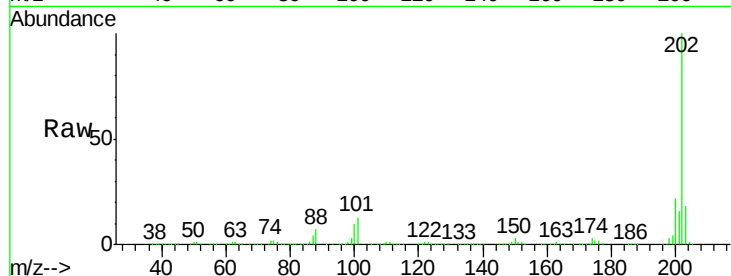




#74
 Fluoranthene
 Concen: 36.084 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

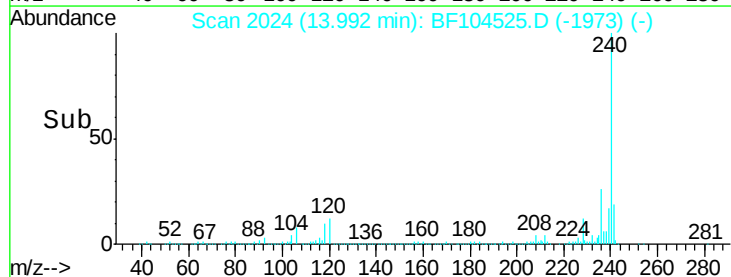
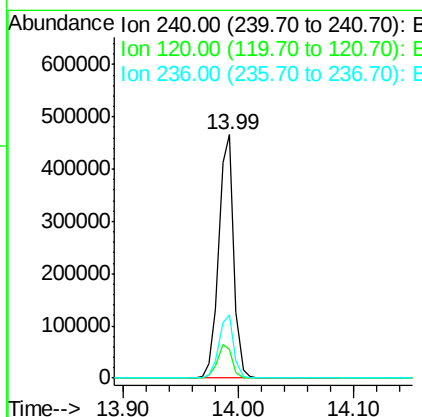
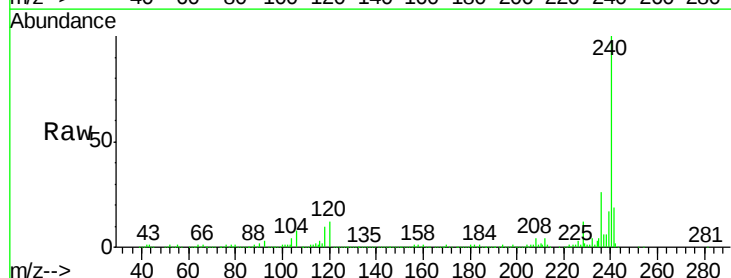
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

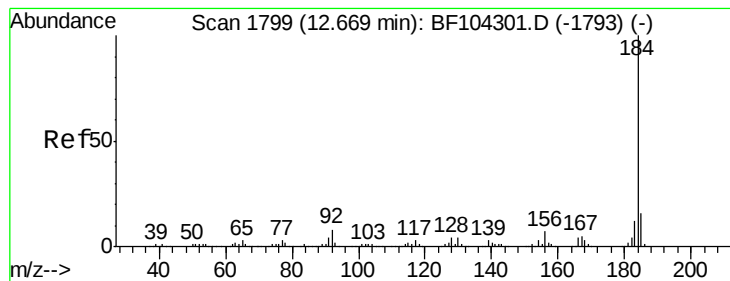
Tot Ion:202 Resp: 1179839
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 34.1
 203 18.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:240 Resp: 419682
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.7 20.7 31.1





#76

Benzidine

Concen: 9.624 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

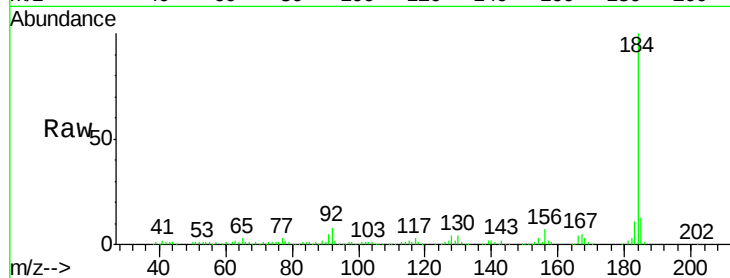
BNA_F

ClientSampleId :

PB108119BS

Tot Ion:184 Resp: 199067

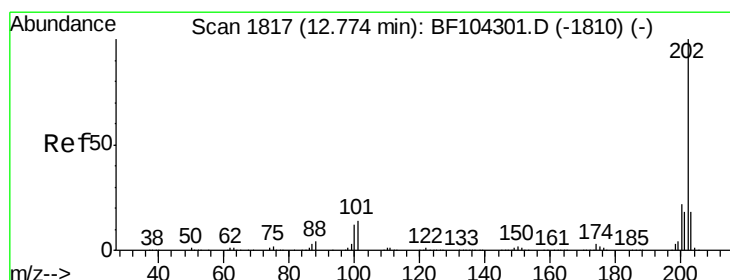
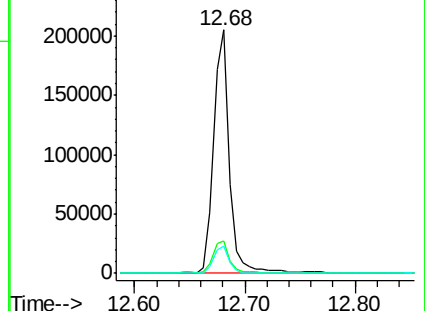
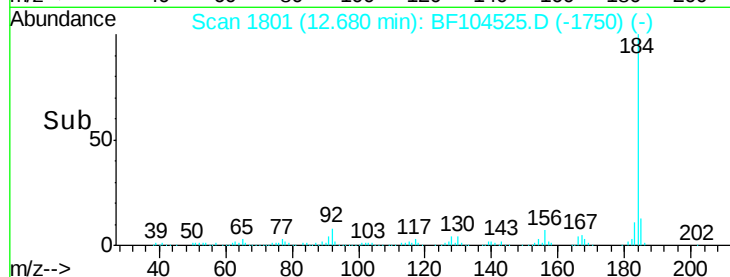
Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.2	9.3	13.9



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

Pyrene

Concen: 38.727 ng

RT: 12.79 min Scan# 1819

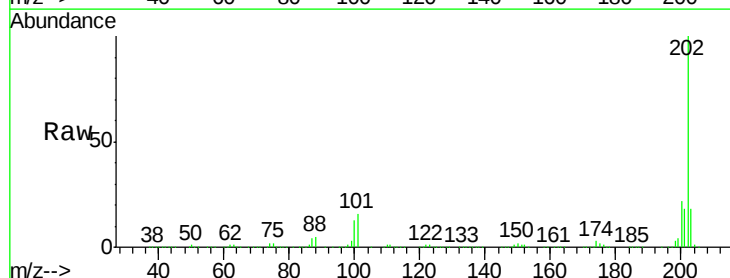
Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Tgt Ion:202 Resp: 1204740

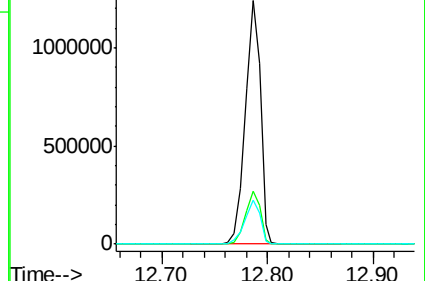
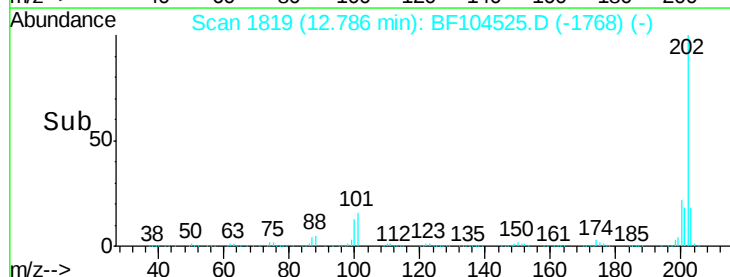
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.2	14.3	21.5

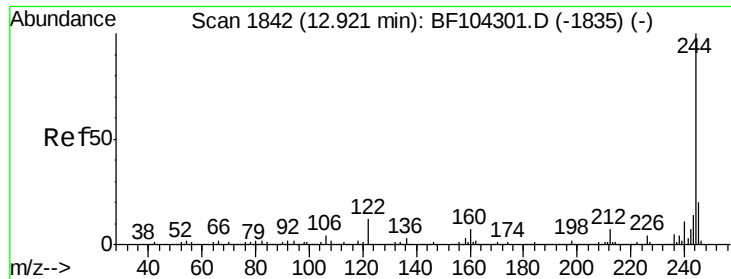


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.779 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

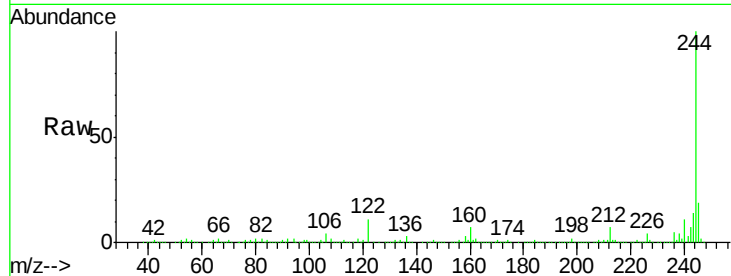
Tot Ion:244 Resp: 1468616

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

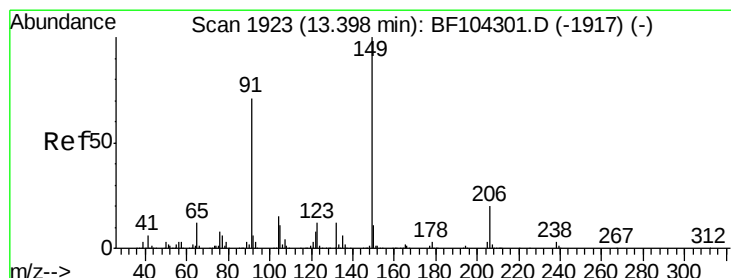
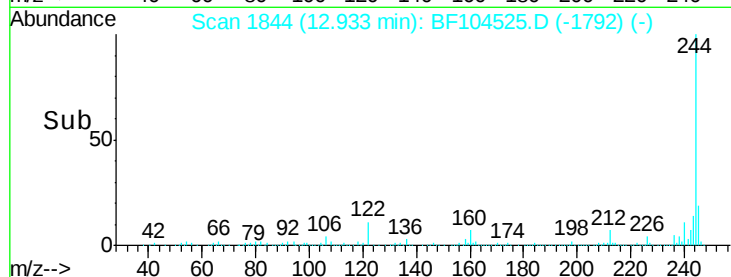
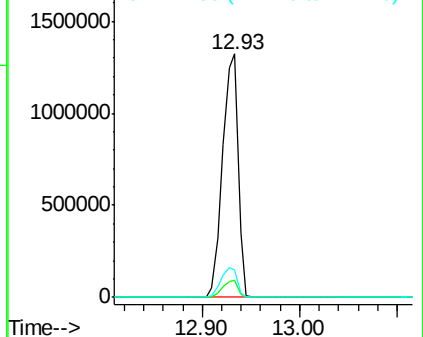
122 11.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 39.091 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

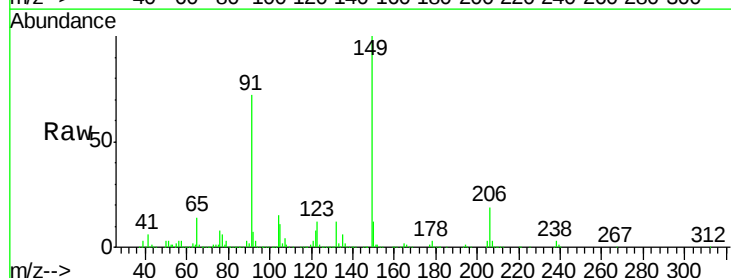
Tgt Ion:149 Resp: 572897

Ion Ratio Lower Upper

149 100

91 72.1 56.8 85.2

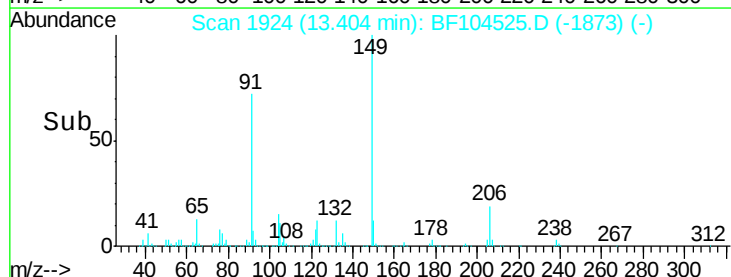
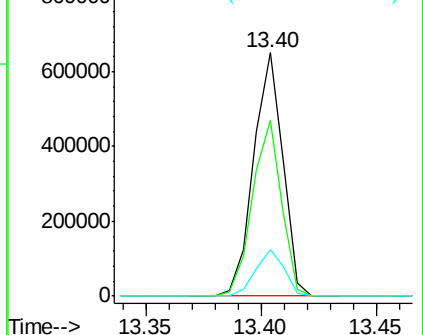
206 19.3 14.1 21.1

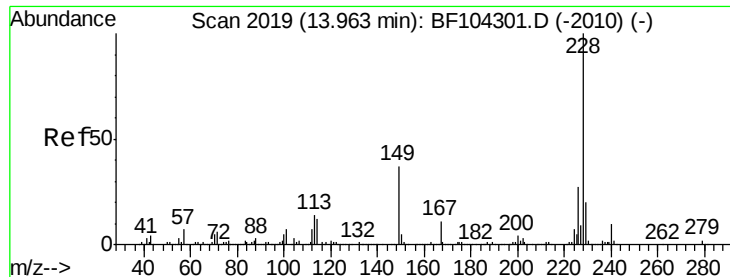


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.846 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

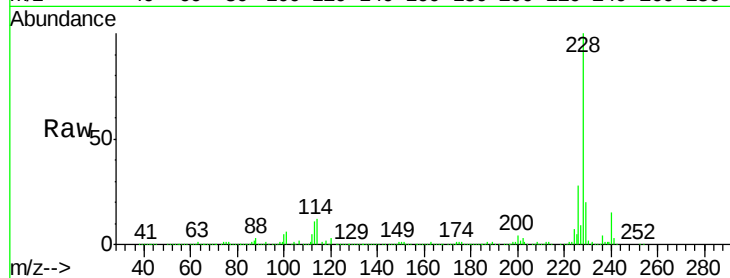
Tot Ion:228 Resp: 973969

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

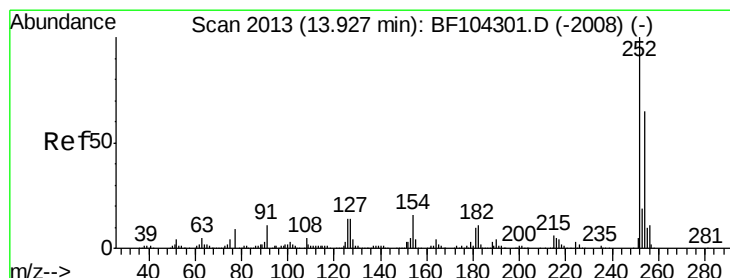
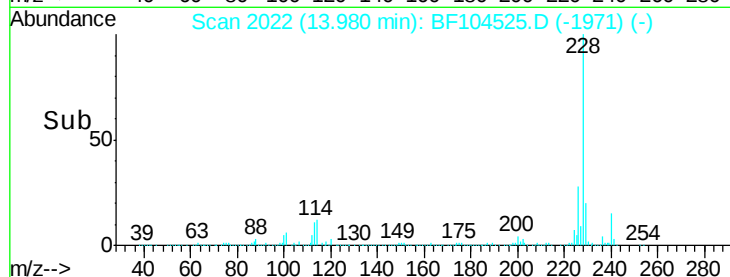
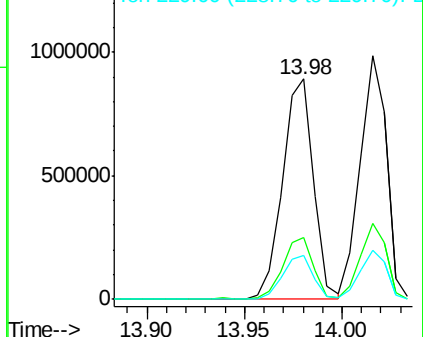
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.697 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

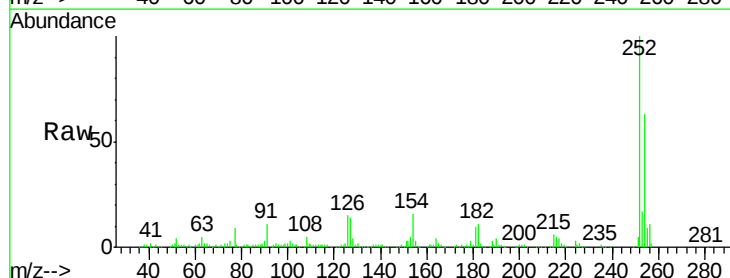
Tgt Ion:252 Resp: 221529

Ion Ratio Lower Upper

252 100

254 63.4 50.4 75.6

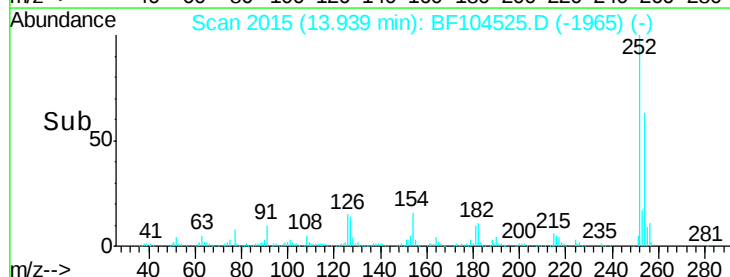
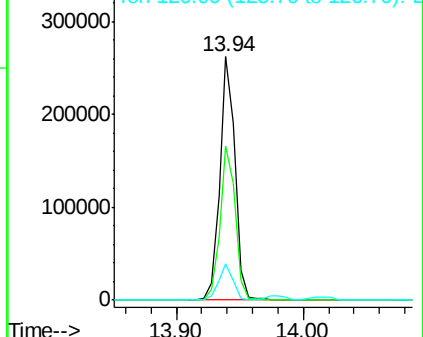
126 14.7 11.3 16.9

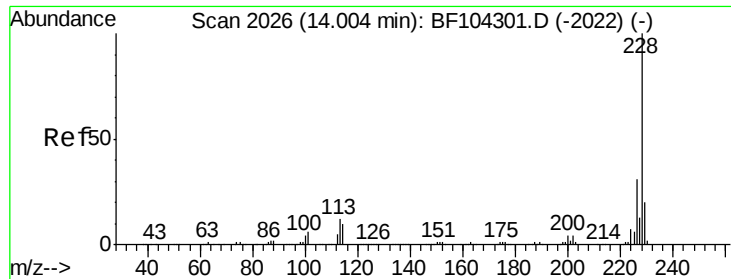


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

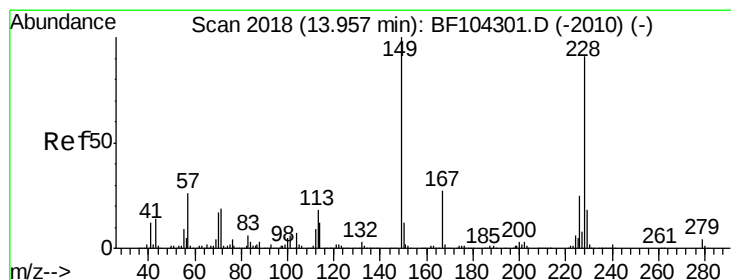
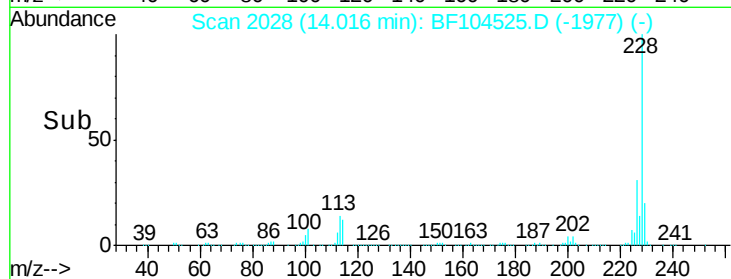
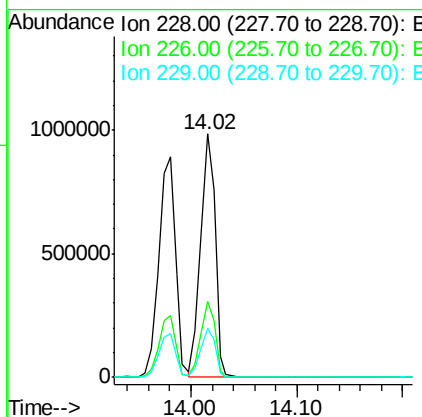
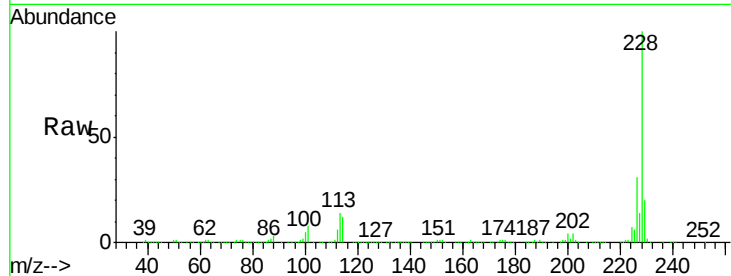




#82
 Chrysene
 Concen: 36.211 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

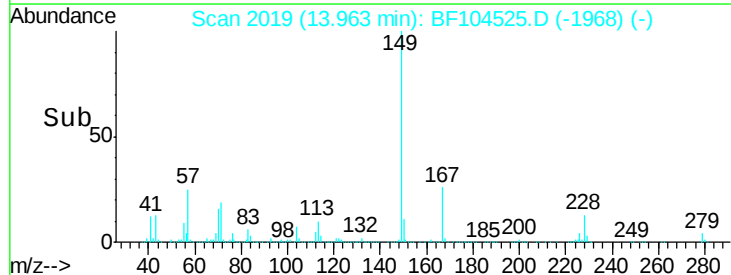
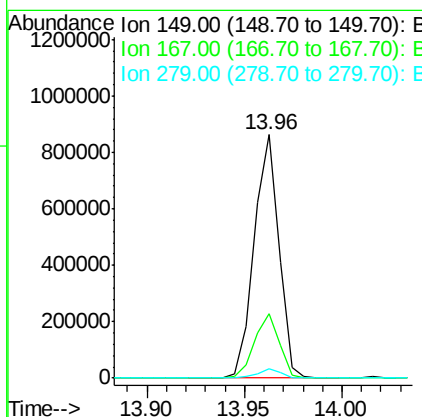
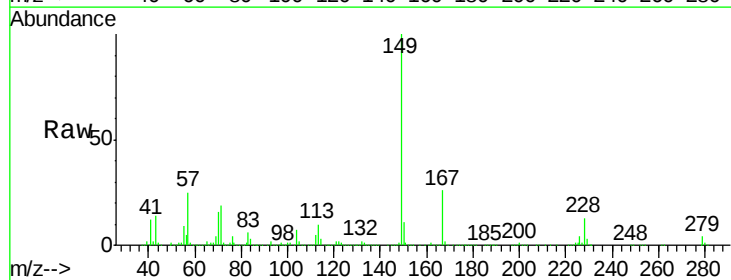
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

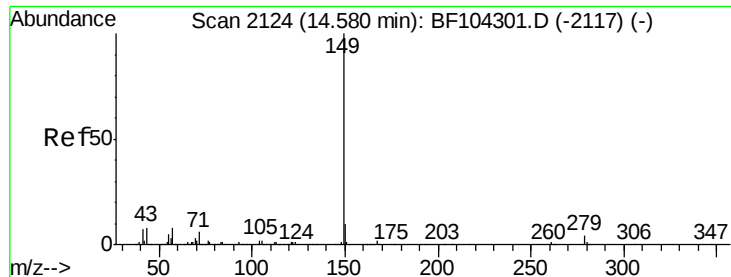
Tot Ion:228 Resp: 932554
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.3 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.992 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104525.D
 Acq: 16 Apr 2018 11:13

Tgt Ion:149 Resp: 753884
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.6 3.0 4.4

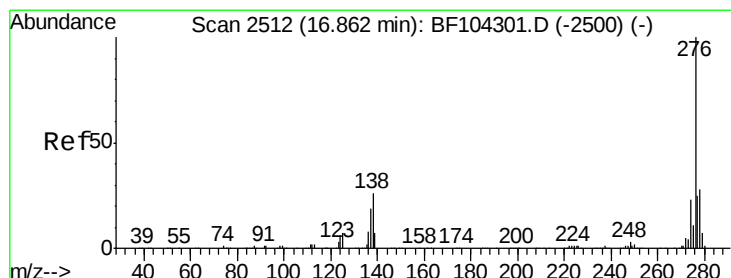
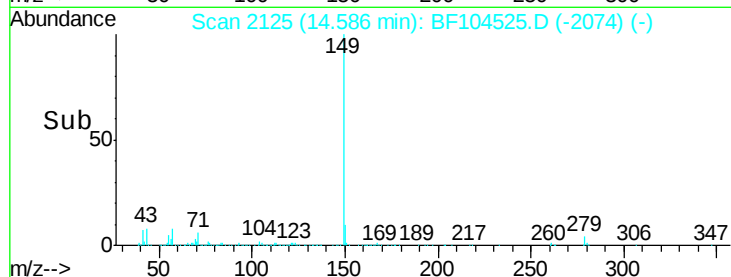
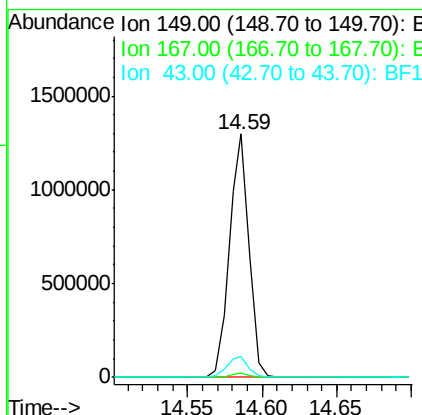
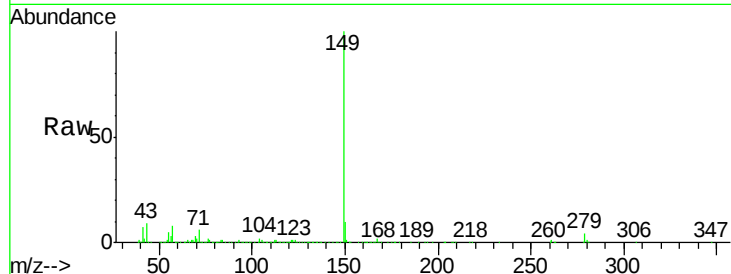




#84
Di-n-octyl phthalate
Concen: 37.892 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

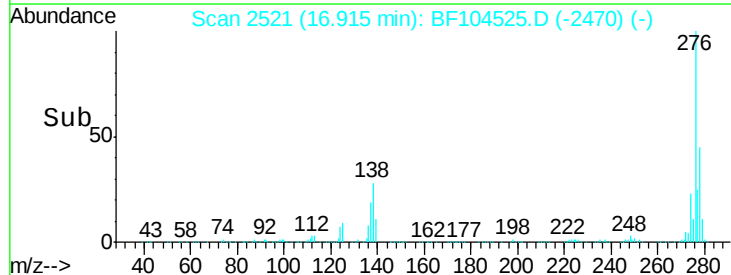
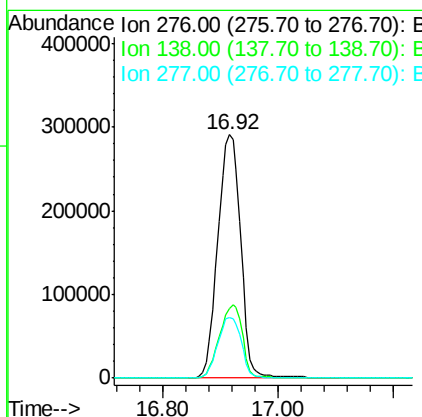
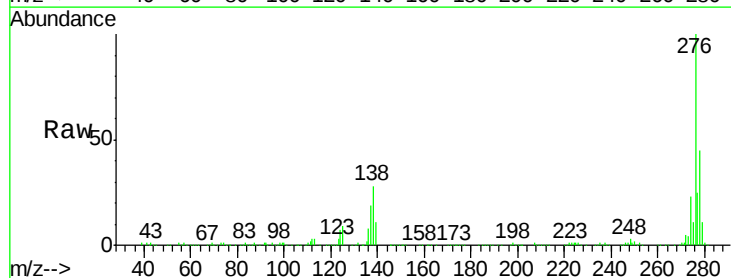
Instrument :
BNA_F
ClientSampleId :
PB108119BS

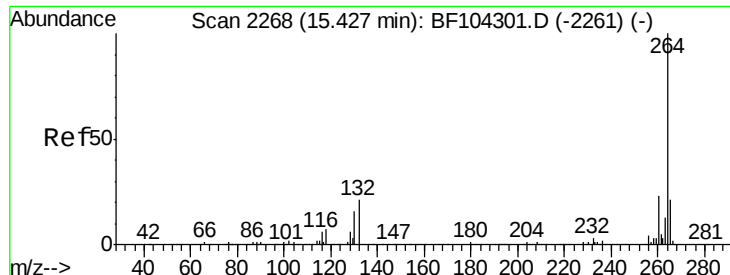
Tot Ion:149 Resp: 1193518
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 36.574 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:276 Resp: 800131
Ion Ratio Lower Upper
276 100
138 30.0 25.0 37.6
277 25.4 20.1 30.1

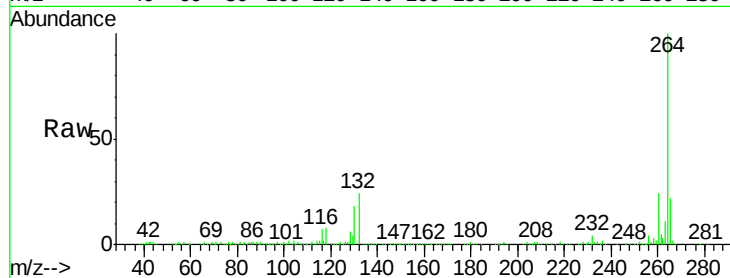




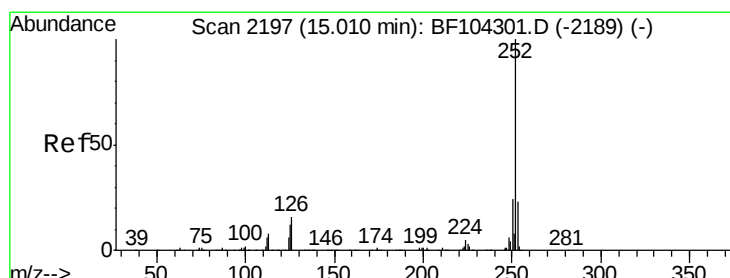
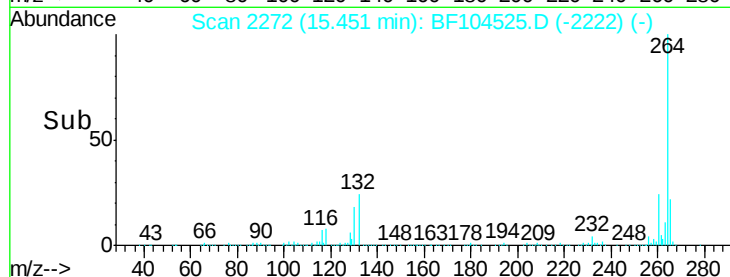
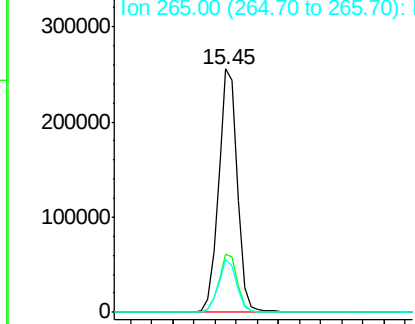
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion:264 Resp: 319282
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.5 17.5 26.3

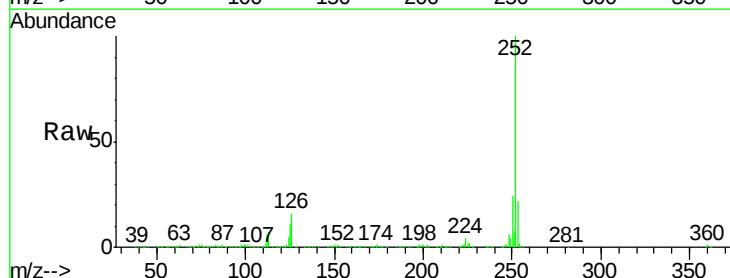


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

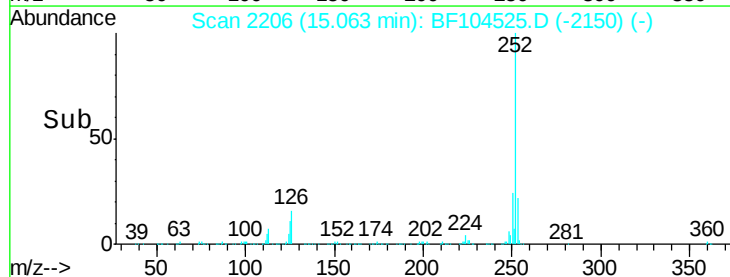
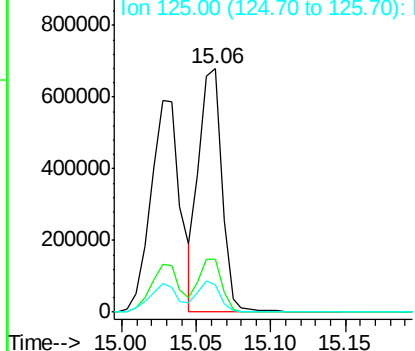


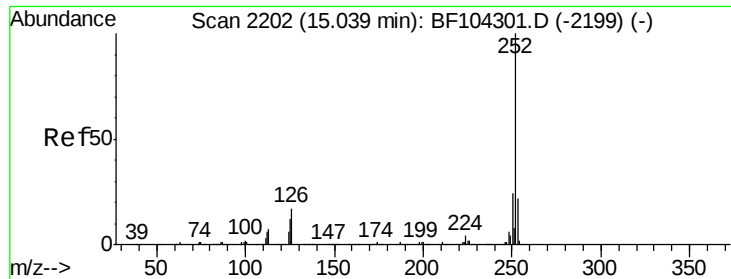
#87
Benzo(b)fluoranthene
Concen: 35.780 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.03 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:252 Resp: 721511
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.4 9.0 13.6



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

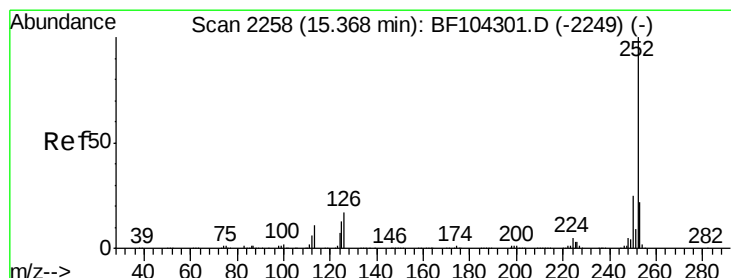
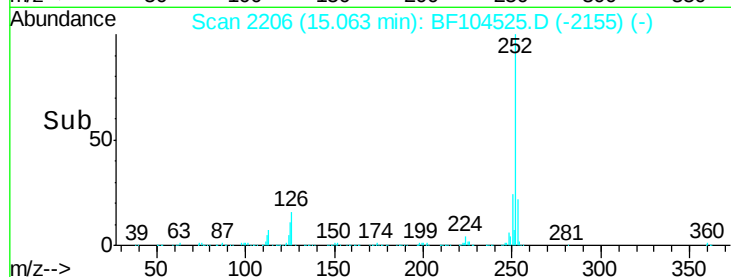
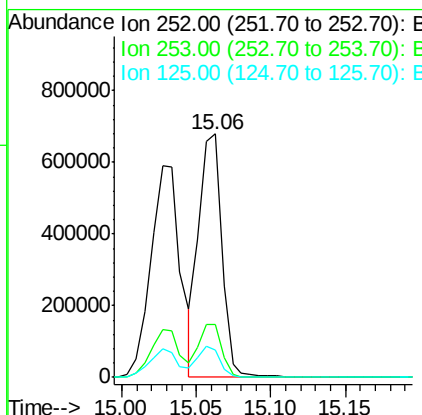
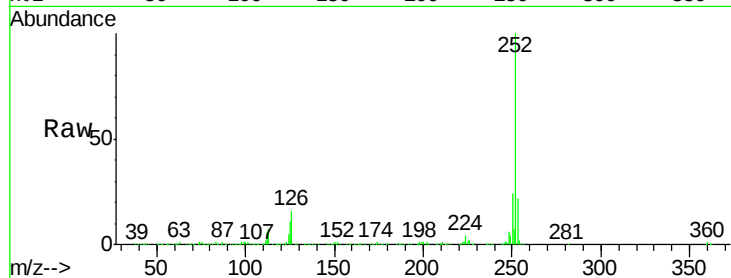




#88
Benzo(k)fluoranthene
Concen: 37.899 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

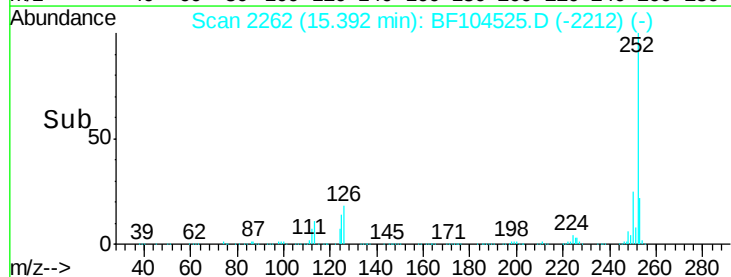
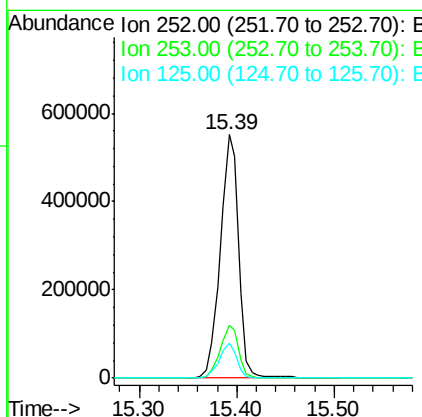
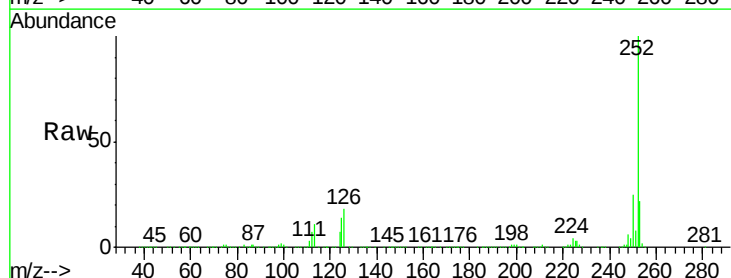
Instrument :
BNA_F
ClientSampleId :
PB108119BS

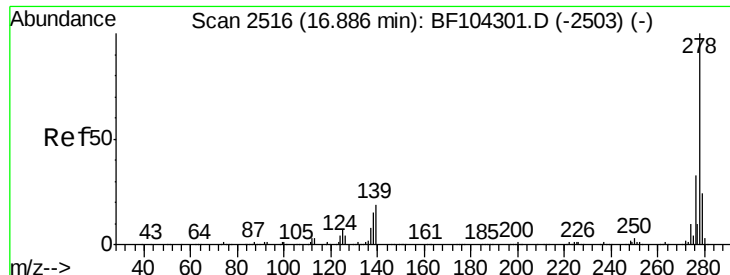
Tot Ion:252 Resp: 721511
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.733 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104525.D
Acq: 16 Apr 2018 11:13

Tgt Ion:252 Resp: 716907
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 14.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 44.478 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

Instrument :

BNA_F

ClientSampleId :

PB108119BS

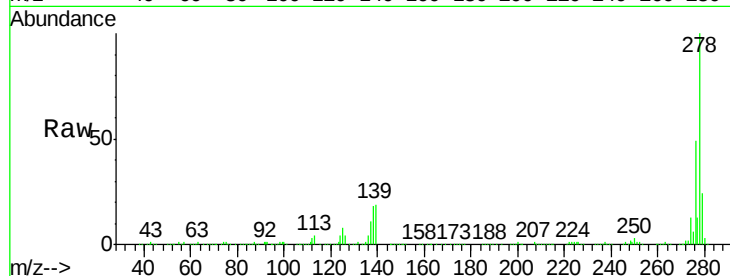
Tot Ion:278 Resp: 659106

Ion Ratio Lower Upper

278 100

139 18.7 15.9 23.9

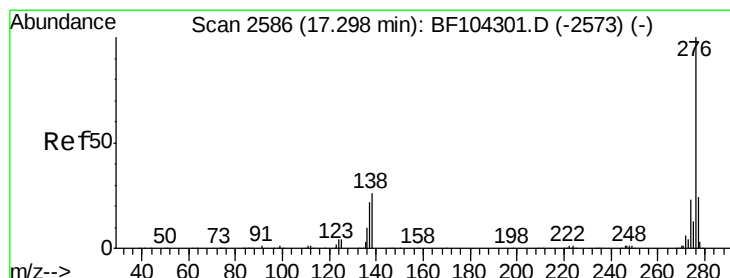
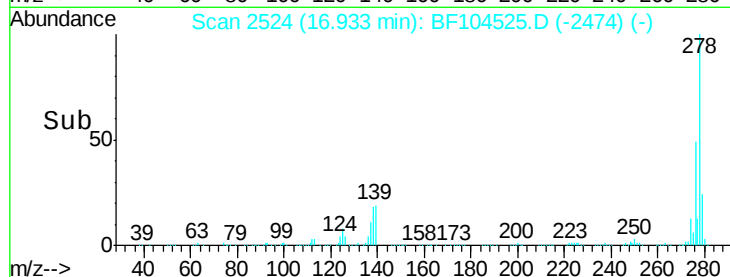
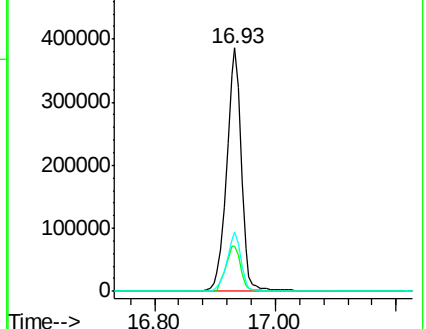
279 24.1 19.0 28.4



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(g,h,i)perylene

Concen: 49.239 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF104525.D

Acq: 16 Apr 2018 11:13

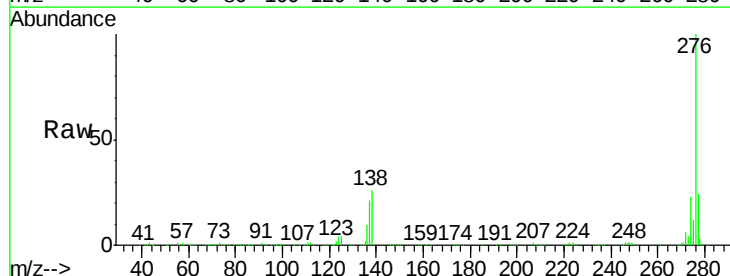
Tgt Ion:276 Resp: 706913

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 25.6 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

