

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104330.D
 Acq On : 7 Apr 2018 2:21
 Operator : JU/SJ
 Sample : PB108046BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Quant Time: Apr 07 03:11:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138749	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558864	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246364	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	379131	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254299	20.00	ng	0.00
86) Perylene-d12	15.43	264	233853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	976907	107.66	ng	0.02
7) Phenol-d6	6.44	99	1213617	108.85	ng	0.01
23) Nitrobenzene-d5	7.37	82	719576	84.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	259694	101.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1294073	82.98	ng	0.00
78) Terphenyl-d14	12.92	244	918178	82.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	140356	33.195	ng	90
3) Pyridine	3.34	79	406044	34.156	ng	90
4) n-Nitrosodimethylamine	3.30	42	160064	38.518	ng	84
6) Aniline	6.47	93	245543	15.852	ng	97
8) 2-Chlorophenol	6.59	128	372597	38.903	ng	94
9) Benzaldehyde	6.35	77	107980	15.331	ng	98
10) Phenol	6.45	94	459418	38.836	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	350378	37.116	ng	96
12) 1,3-Dichlorobenzene	6.75	146	387811	35.742	ng	100
13) 1,4-Dichlorobenzene	6.82	146	389588	36.020	ng	98
14) 1,2-Dichlorobenzene	6.97	146	363630	36.280	ng	99
15) Benzyl Alcohol	6.95	79	316046	37.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	457343	36.074	ng	94
17) 2-Methylphenol	7.06	107	308424	37.047	ng	98
18) Hexachloroethane	7.32	117	129066	33.469	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	250766	34.420	ng	96
20) 3+4-Methylphenols	7.21	107	366194	35.466	ng	# 81
22) Acetophenone	7.22	105	495644	36.023	ng	98
24) Nitrobenzene	7.39	77	376026	39.794	ng	96
25) Isophorone	7.63	82	704710	38.938	ng	99
26) 2-Nitrophenol	7.70	139	178606	46.429	ng	97
27) 2,4-Dimethylphenol	7.74	122	354006	44.320	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	449060	40.582	ng	99
29) 2,4-Dichlorophenol	7.95	162	302112	39.641	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	306295	36.621	ng	99
31) Naphthalene	8.11	128	1045361	37.564	ng	99
32) Benzoic acid	7.86	122	219129	34.383	ng	99
33) 4-Chloroaniline	8.16	127	115092	9.654	ng	98
34) Hexachlorobutadiene	8.23	225	164743	35.960	ng	99
35) Caprolactam	8.53	113	95608	35.961	ng	# 84
36) 4-Chloro-3-methylphenol	8.64	107	322970	39.522	ng	99
37) 2-Methylnaphthalene	8.80	142	682531	37.917	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286514	40.627	ng	99
40) Hexachlorocyclopentadiene	8.95	237	92246	23.364	ng	99

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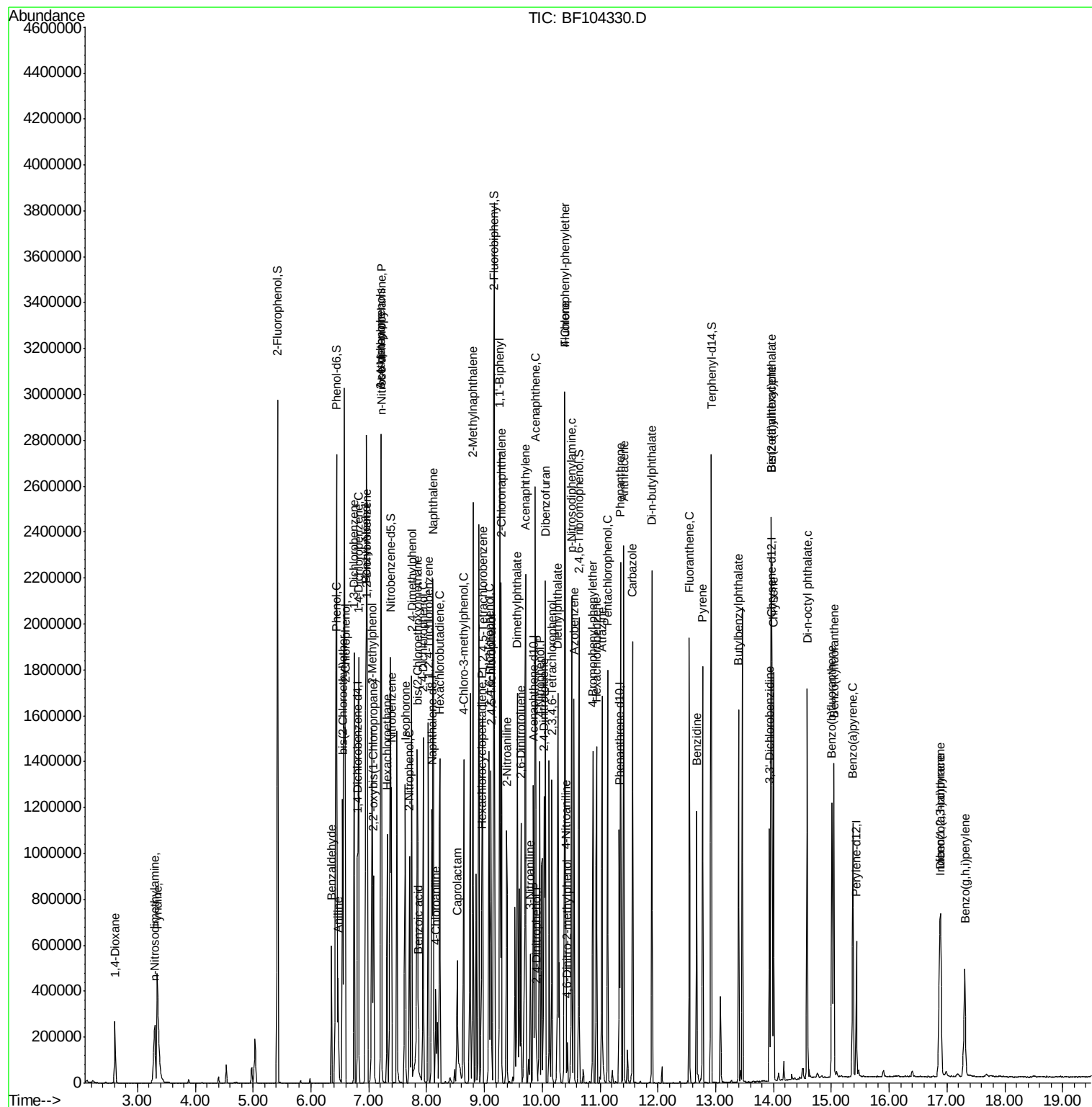
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	201996	41.260	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	210081	38.347	nq	98
45) 1,1'-Biphenyl	9.27	154	796099	38.466	nq	99
46) 2-Chloronaphthalene	9.29	162	629405	38.502	nq	100
47) 2-Nitroaniline	9.39	65	185661	45.925	nq	98
48) Acenaphthylene	9.71	152	947627	36.947	nq	99
49) Dimethylphthalate	9.57	163	751450	38.679	nq	99
50) 2,6-Dinitrotoluene	9.63	165	161405	44.899	nq	90
51) Acenaphthene	9.88	154	568915	36.354	nq	99
52) 3-Nitroaniline	9.80	138	95160	22.611	nq	93
53) 2,4-Dinitrophenol	9.90	184	24435	26.410	nq	# 25
54) Dibenzofuran	10.05	168	834872	38.282	nq	98
55) 4-Nitrophenol	9.96	139	256037	77.448	nq	99
56) 2,4-Dinitrotoluene	10.03	165	200062	42.427	nq	98
57) Fluorene	10.40	166	608481	38.332	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	159404	39.002	nq	96
59) Diethylphthalate	10.27	149	730859	37.773	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	282039	39.896	nq	98
61) 4-Nitroaniline	10.41	138	135483	32.924	nq	98
62) Azobenzene	10.55	77	677136	36.631	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	21708	17.304	nq	78
65) n-Nitrosodiphenylamine	10.51	169	572351	43.540	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	175784	43.589	nq	# 89
67) Hexachlorobenzene	10.94	284	177642	39.148	nq	93
68) Atrazine	11.03	200	178388	44.958	nq	99
69) Pentachlorophenol	11.13	266	175225	62.419	nq	97
70) Phenanthrene	11.36	178	804140	38.086	nq	99
71) Anthracene	11.41	178	827315	38.548	nq	99
72) Carbazole	11.56	167	739421	35.257	nq	100
73) Di-n-butylphthalate	11.90	149	1024422	39.987	nq	99
74) Fluoranthene	12.54	202	703290	31.881	nq	99
76) Benzidine	12.67	184	457814	61.118	nq	98
77) Pyrene	12.77	202	702292	37.258	nq	99
79) Butylbenzylphthalate	13.40	149	343161	38.643	nq	99
80) Benzo(a)anthracene	13.97	228	589121	38.778	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	211613	37.358	nq	98
82) Chrysene	14.00	228	591527	37.907	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	445053	38.964	nq	99
84) Di-n-octyl phthalate	14.58	149	786282	41.198	nq	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	467470	35.265	nq	98
87) Benzo(b)fluoranthene	15.02	252	603240	40.843	nq	100
88) Benzo(k)fluoranthene	15.04	252	562743	40.357	nq	98
89) Benzo(a)pyrene	15.37	252	526789	39.862	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	398023	36.672	nq	98
91) Benzo(g,h,i)perylene	17.31	276	362508	34.474	nq	97

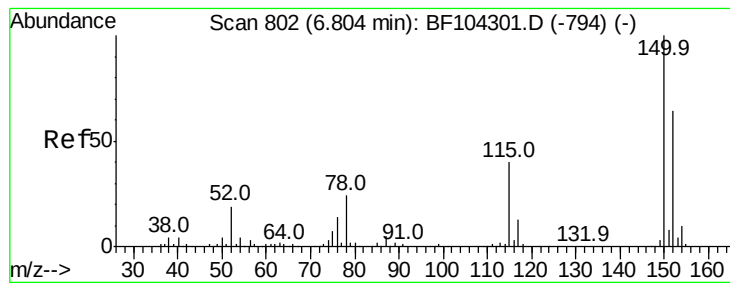
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

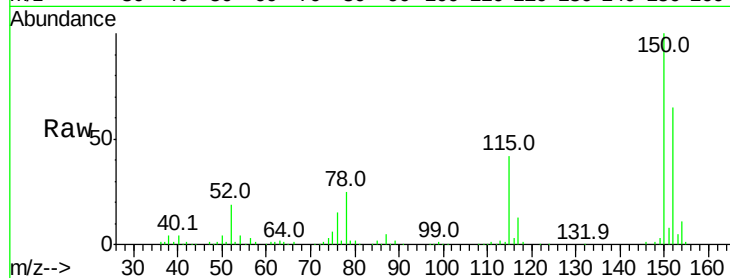
Tot Ion:152 Resp: 138749

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

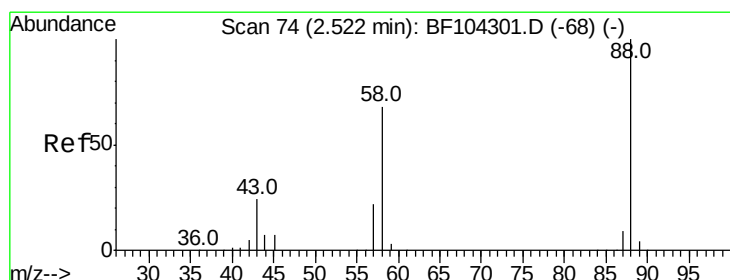
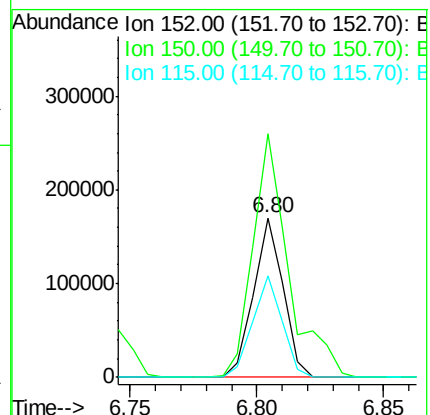
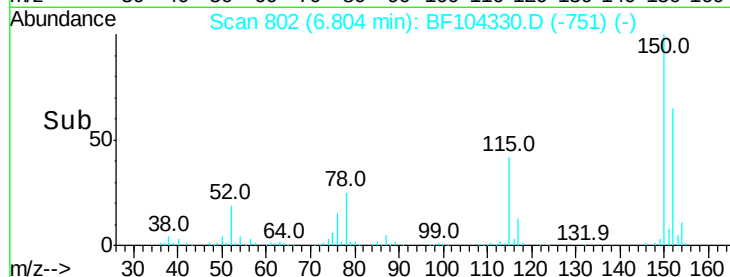
115 64.0 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.195 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.09 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

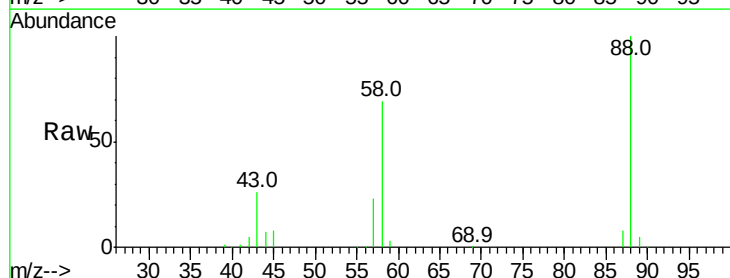
Tgt Ion: 88 Resp: 140356

Ion Ratio Lower Upper

88 100

58 69.3 62.6 93.8

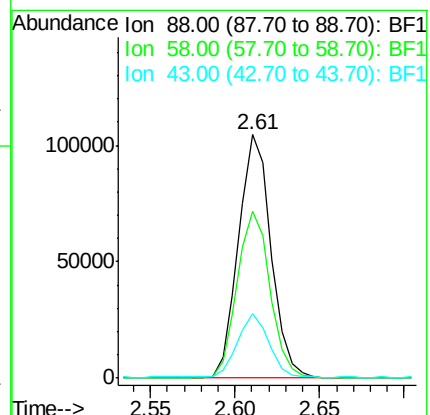
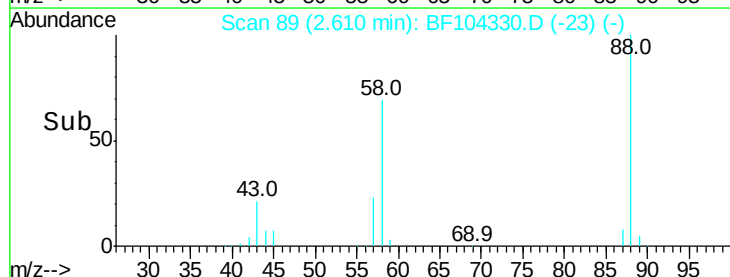
43 25.8 24.6 37.0

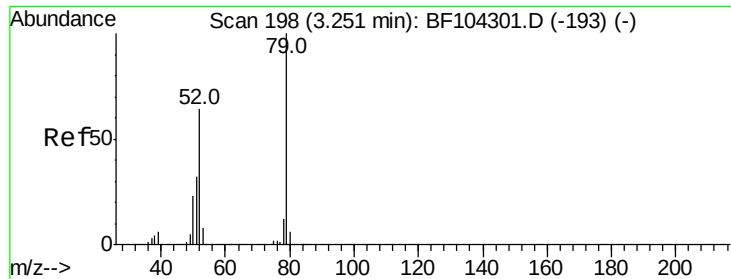


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.156 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

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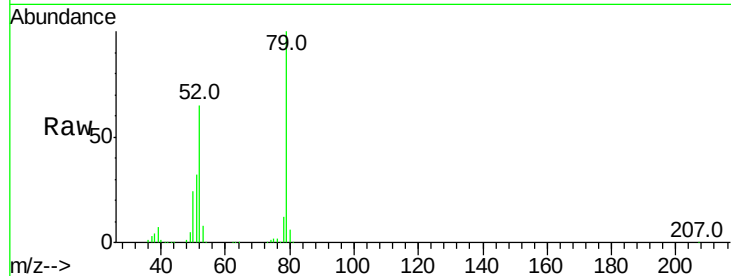
Tot Ion: 79 Resp: 406044

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

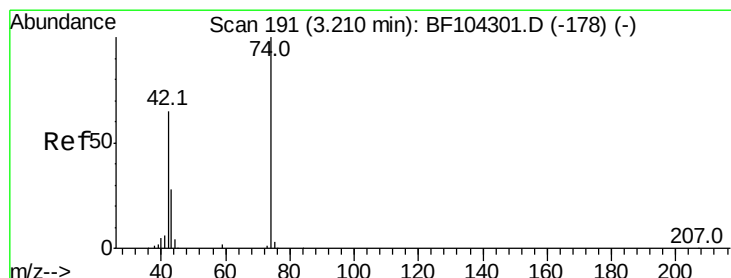
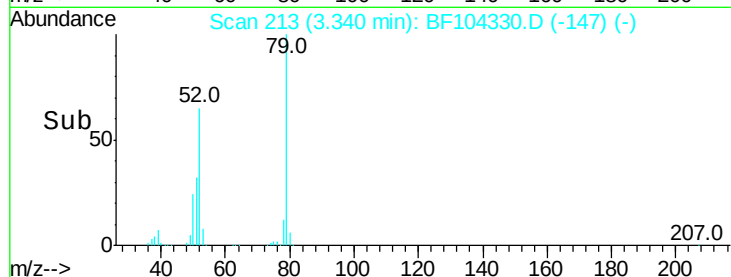
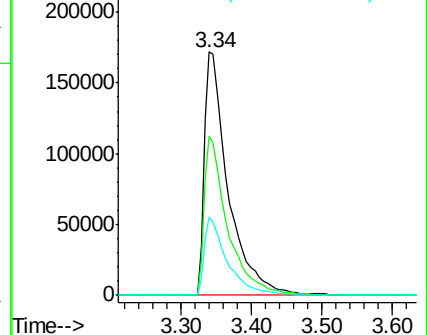
51 32.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.518 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.09 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

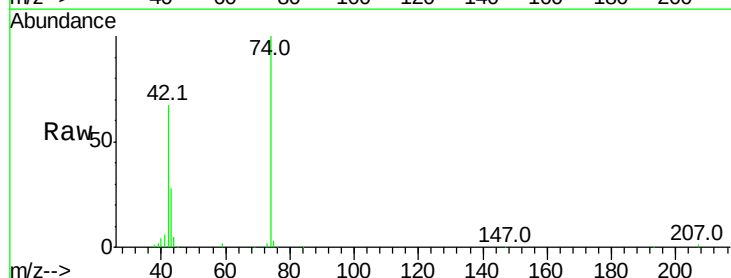
Tgt Ion: 42 Resp: 160064

Ion Ratio Lower Upper

42 100

74 150.3 104.9 157.3

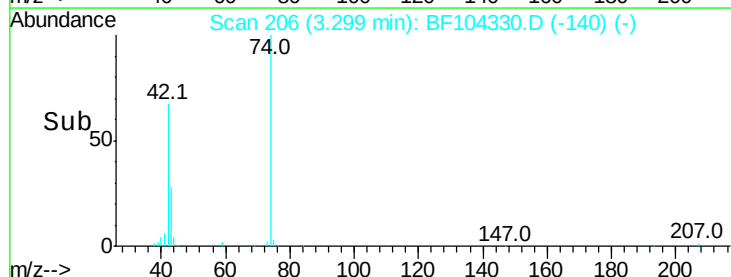
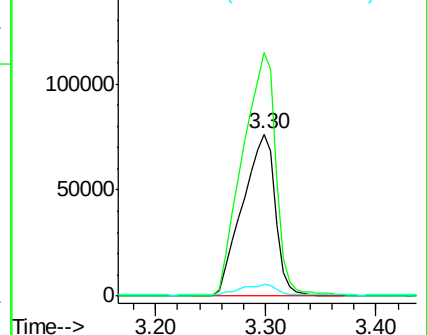
44 7.5 6.9 10.3

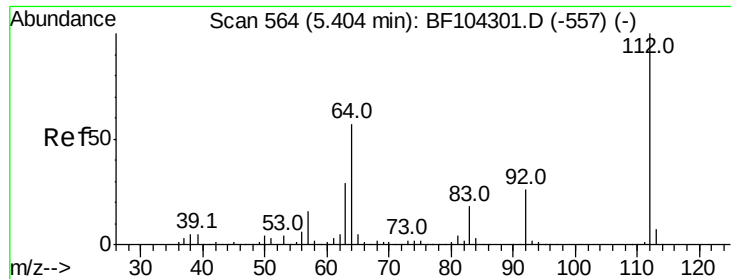


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.658 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

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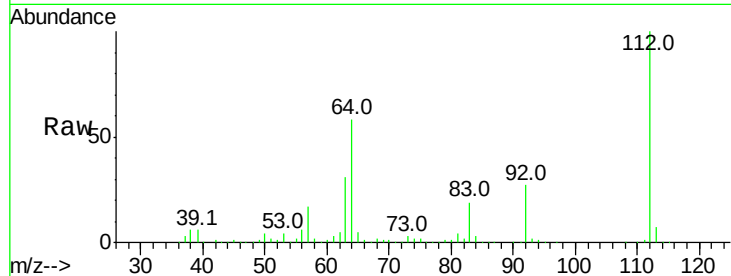
Tot Ion:112 Resp: 976907

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

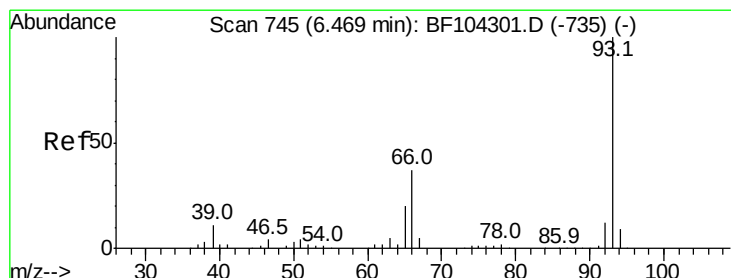
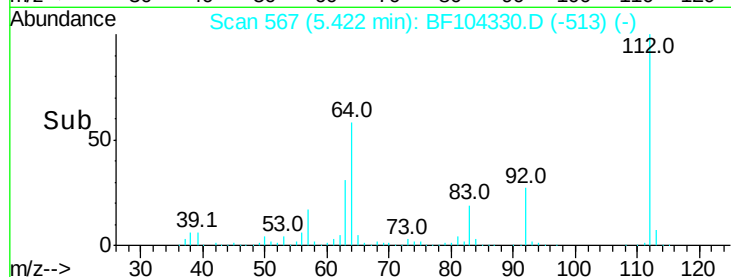
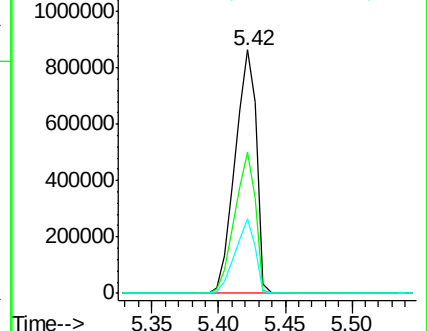
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.852 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

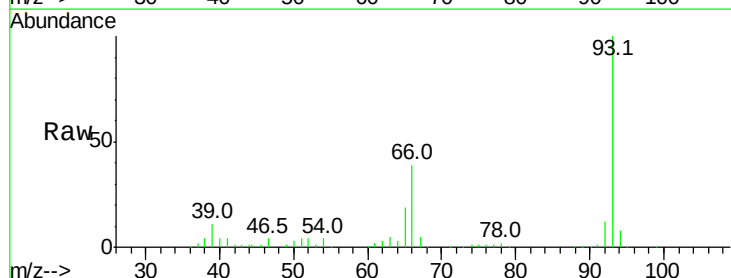
Tgt Ion: 93 Resp: 245543

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

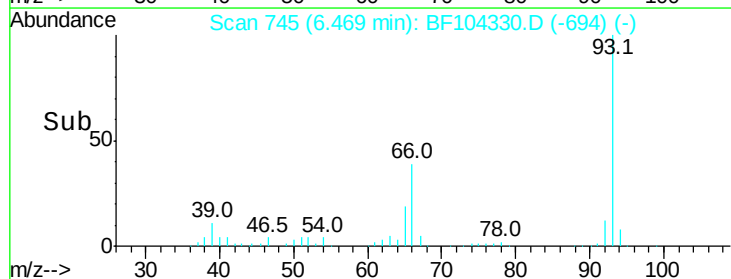
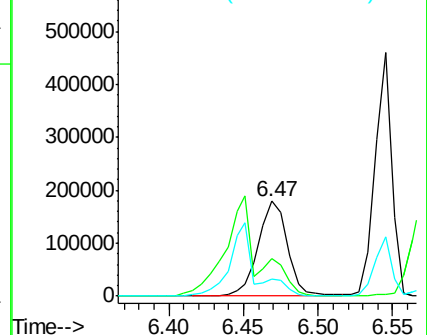
65 18.6 16.4 24.6

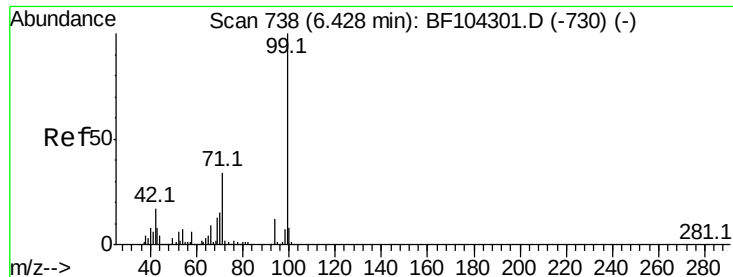


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.852 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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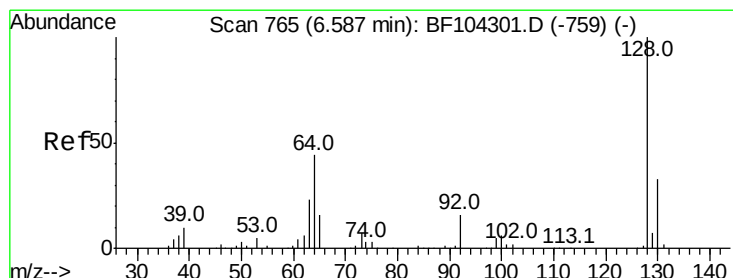
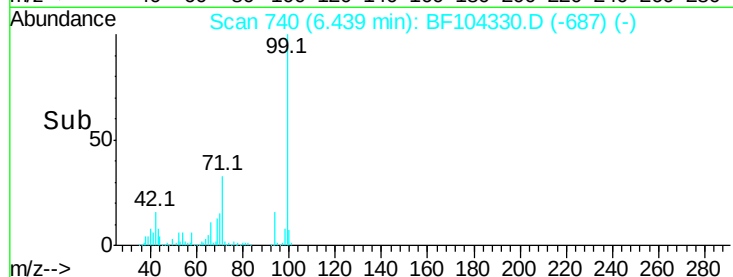
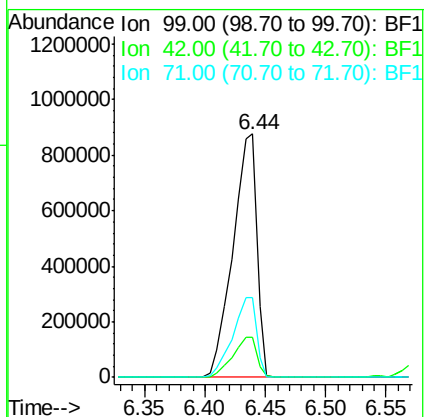
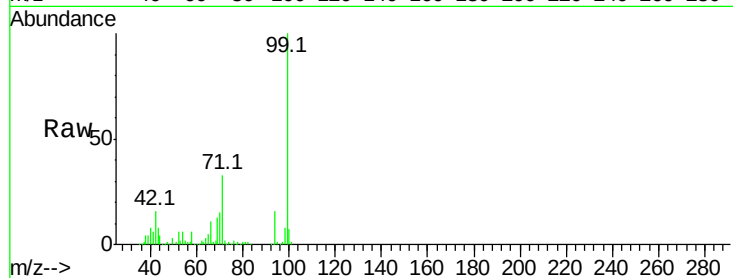
Tot Ion: 99 Resp: 1213617

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 38.903 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

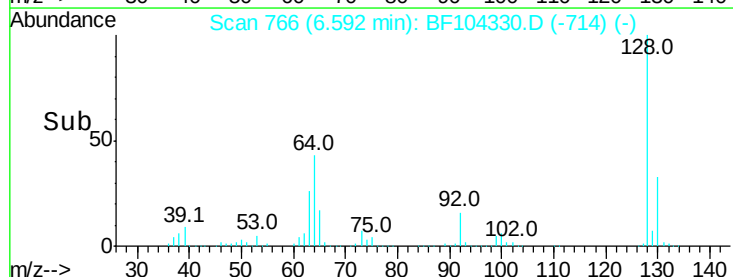
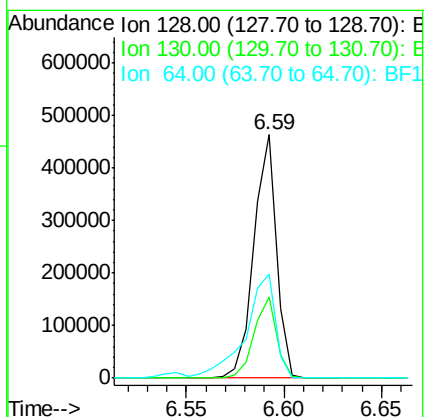
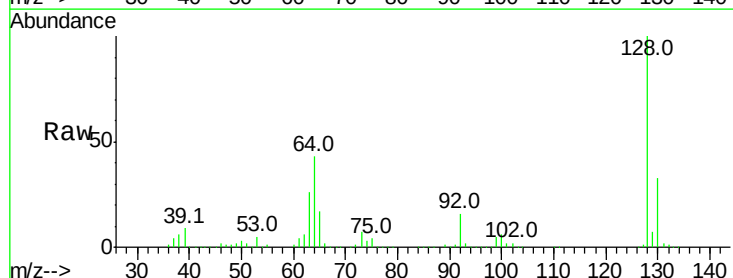
Tgt Ion:128 Resp: 372597

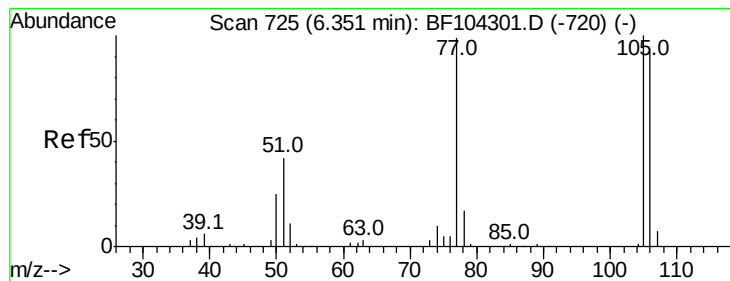
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 42.8 29.4 69.4





#9

Benzaldehyde

Concen: 15.331 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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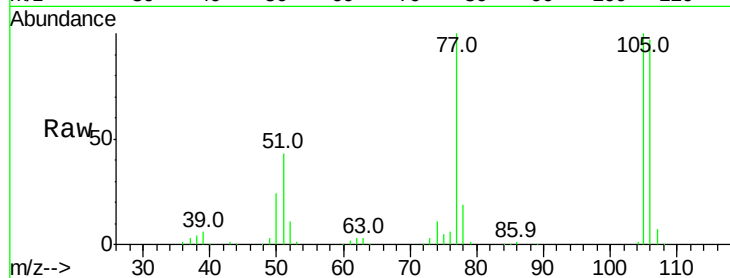
Tot Ion: 77 Resp: 107980

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

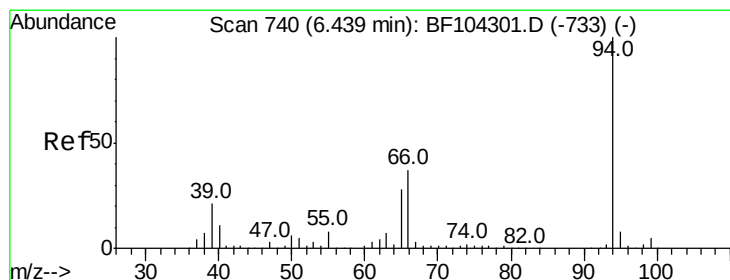
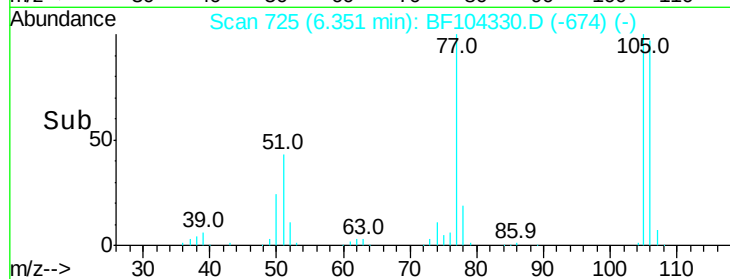
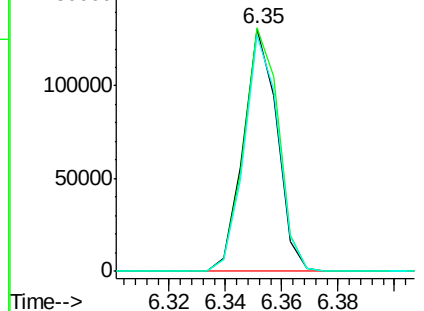
106 97.3 74.5 114.5



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: 38.836 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

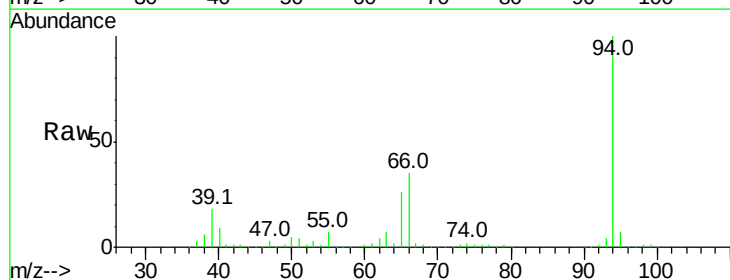
Tgt Ion: 94 Resp: 459418

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

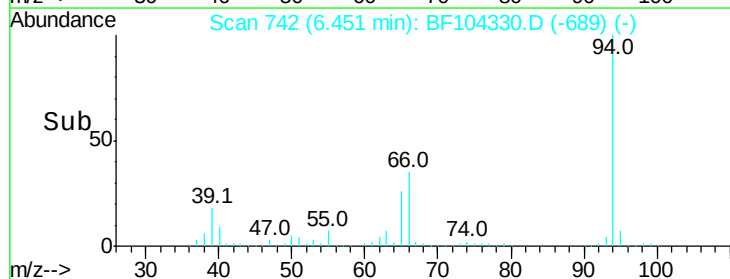
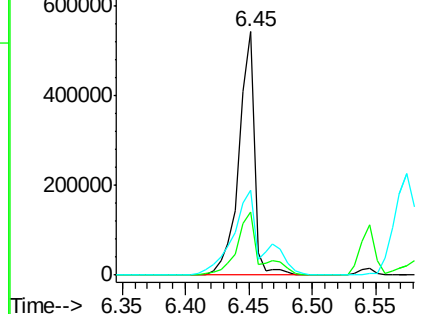
66 34.8 16.2 56.2

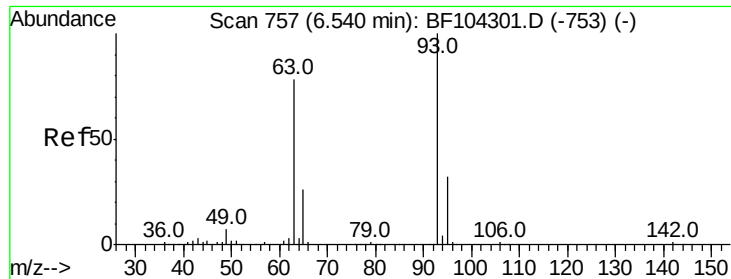


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

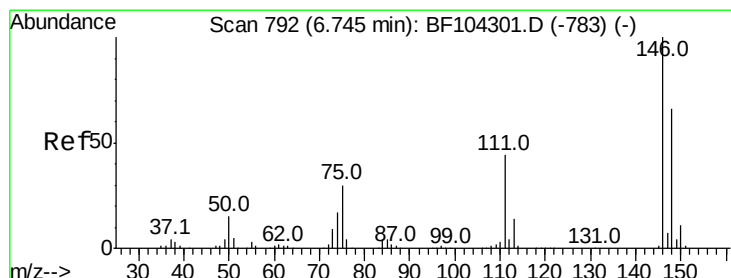
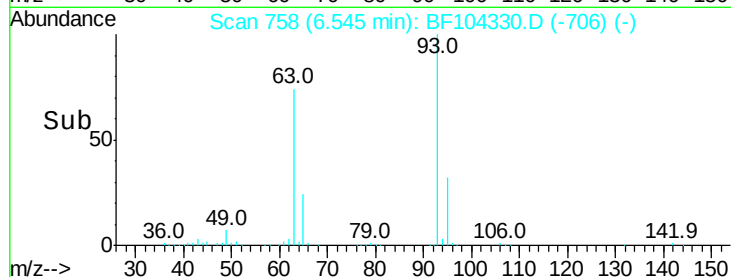
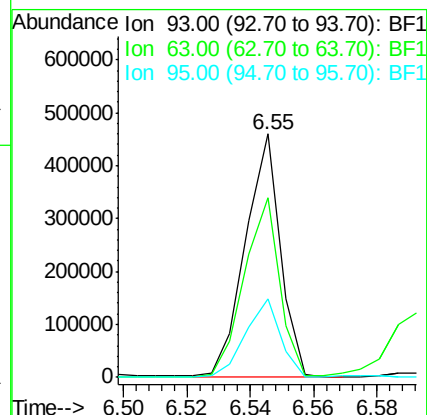
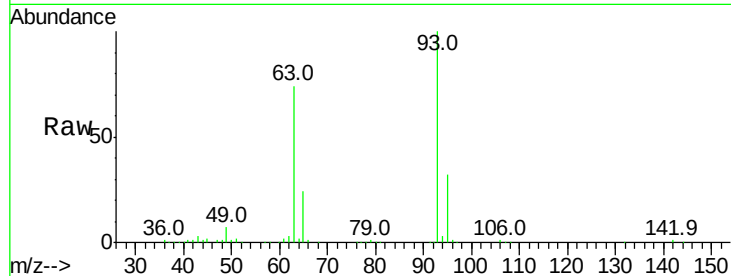




#11
 bis(2-Chloroethyl)ether
 Concen: 37.116 ng
 RT: 6.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

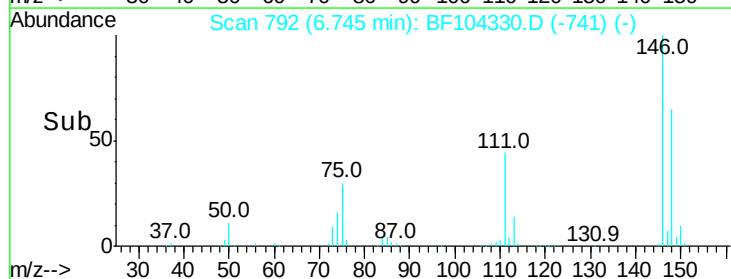
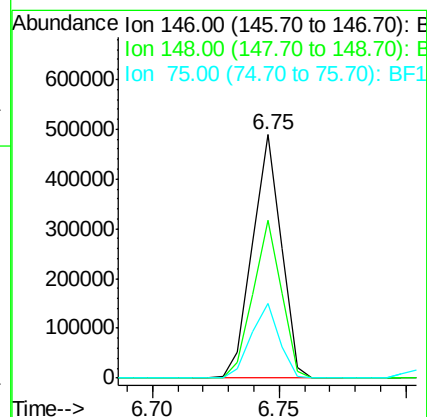
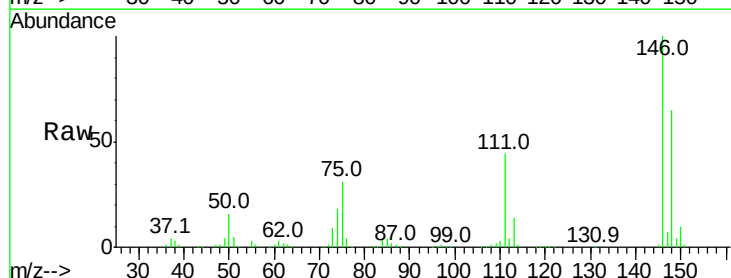
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

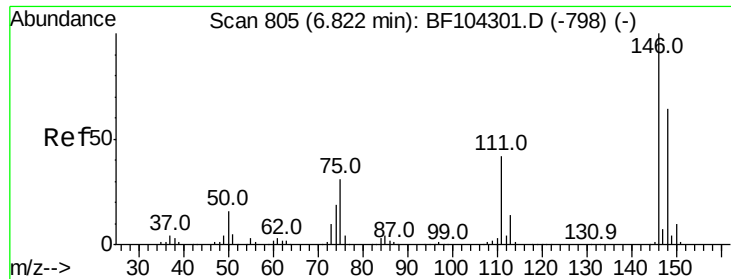
Tot Ion: 93 Resp: 350378
 Ion Ratio Lower Upper
 93 100
 63 73.9 58.6 98.6
 95 32.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 35.742 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion: 146 Resp: 387811
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 75 30.9 24.2 36.4

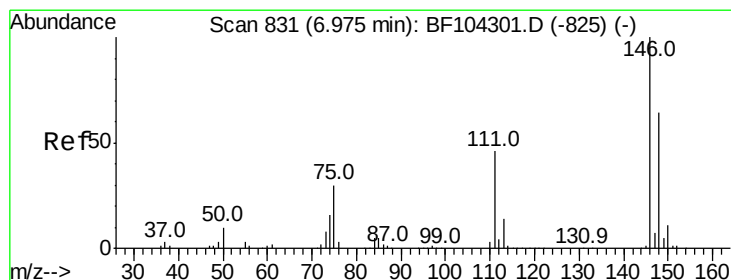
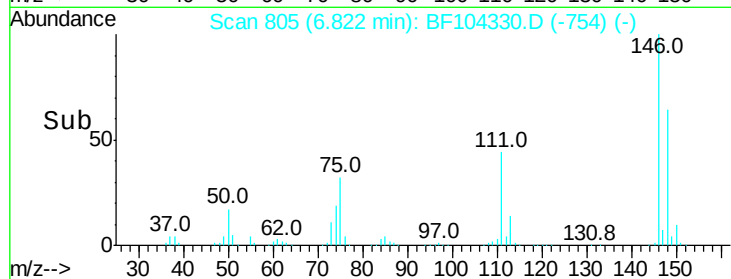
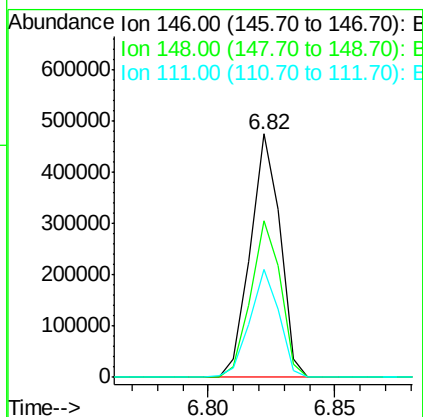
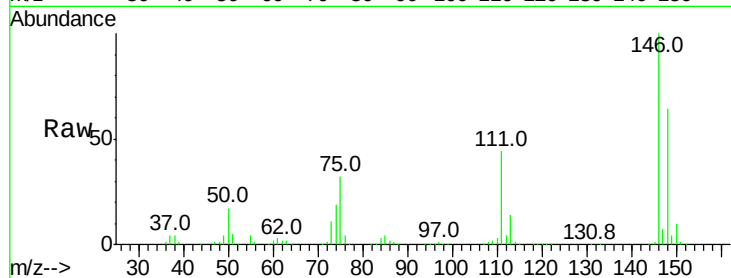




#13
 1,4-Dichlorobenzene
 Concen: 36.020 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

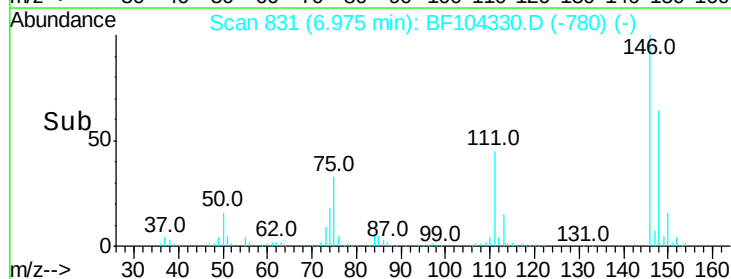
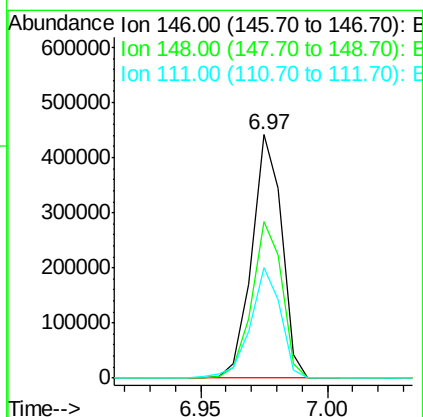
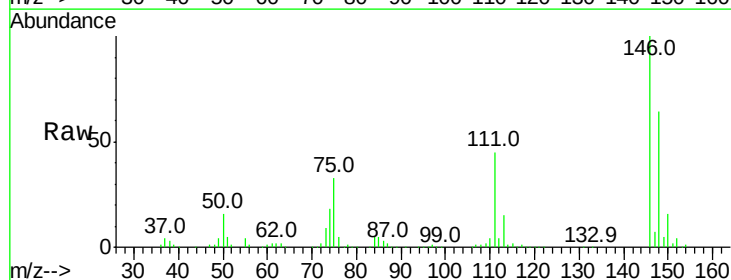
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

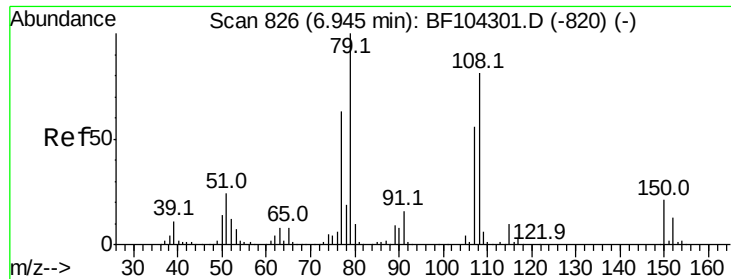
Tot Ion:146 Resp: 389588
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 44.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.280 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:146 Resp: 363630
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 45.3 36.0 54.0

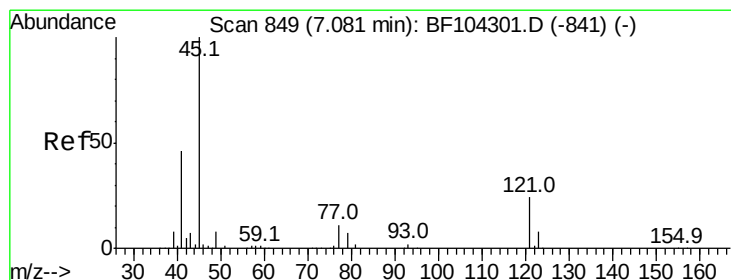
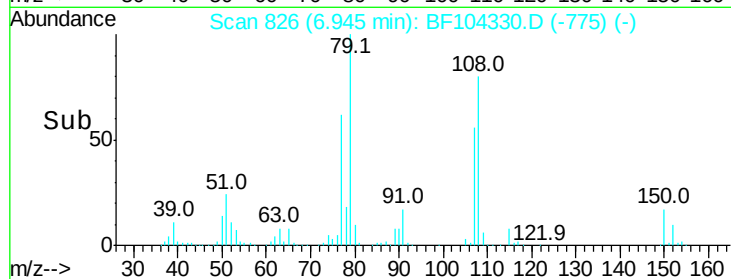
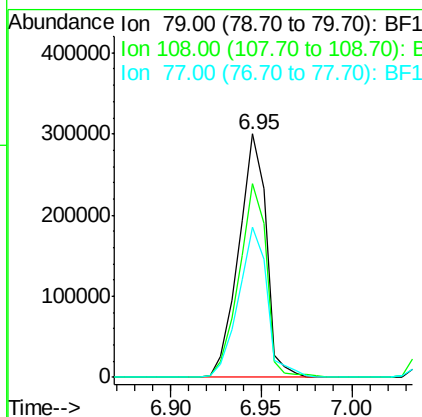
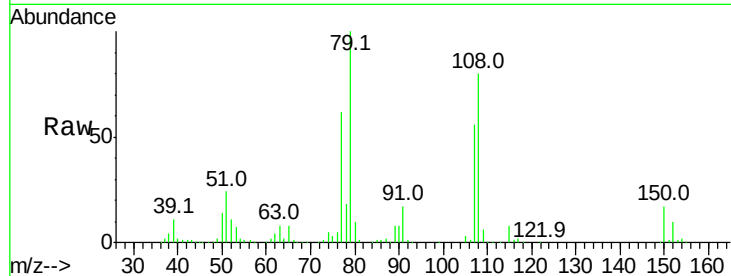




#15
Benzyl Alcohol
Concen: 37.322 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

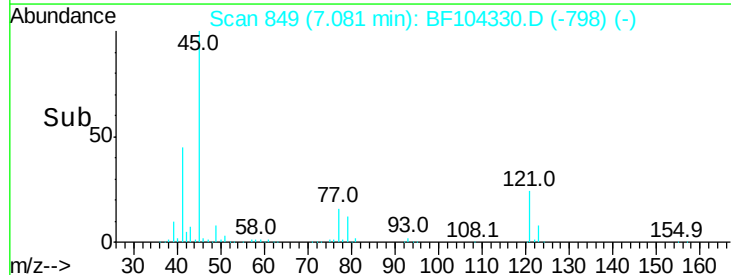
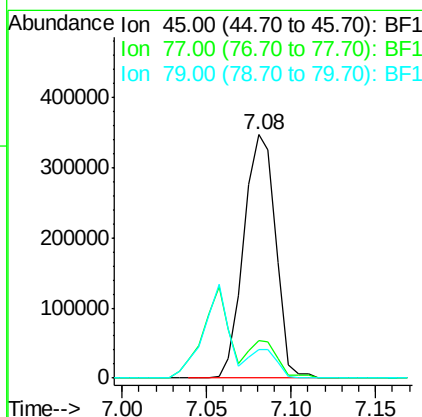
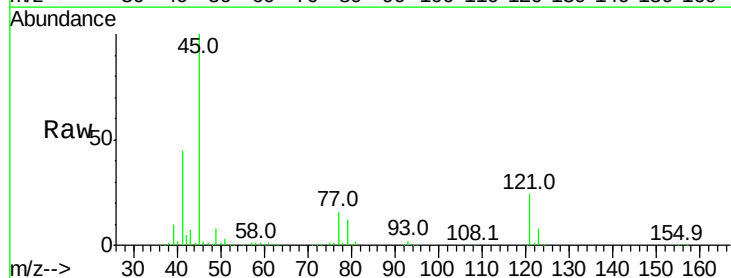
Instrument :
BNA_F
ClientSampleId :
PB108046BS

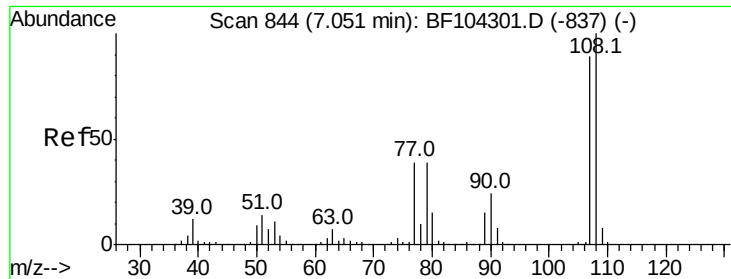
Tot Ion: 79 Resp: 316046
Ion Ratio Lower Upper
79 100
108 79.7 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.074 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion: 45 Resp: 457343
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 11.7 0.0 29.6

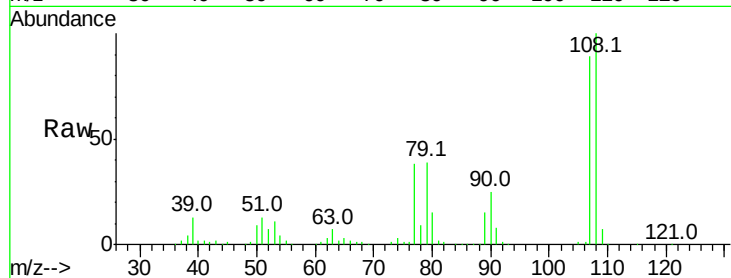




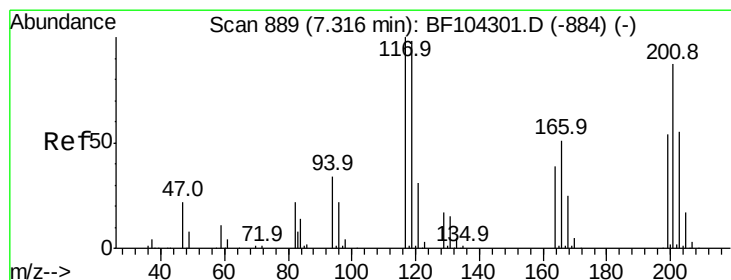
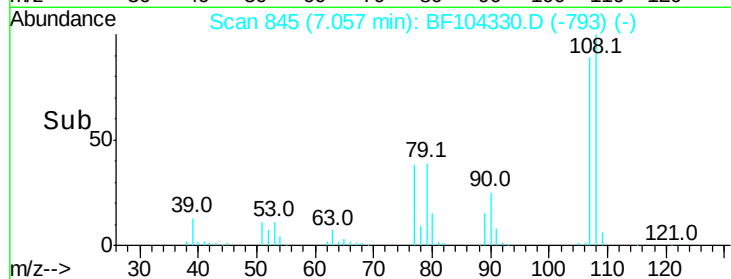
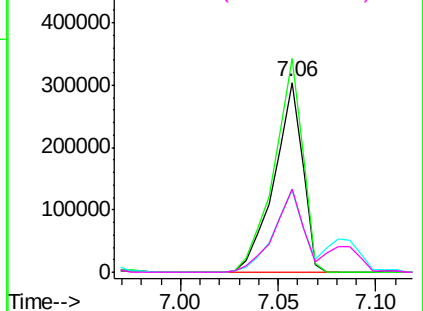
#17
2-Methylphenol
Concen: 37.047 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion:107 Resp: 308424
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 43.2 33.8 50.8
79 44.0 33.8 50.8

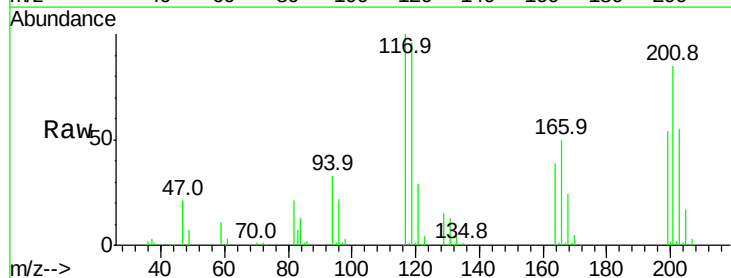


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

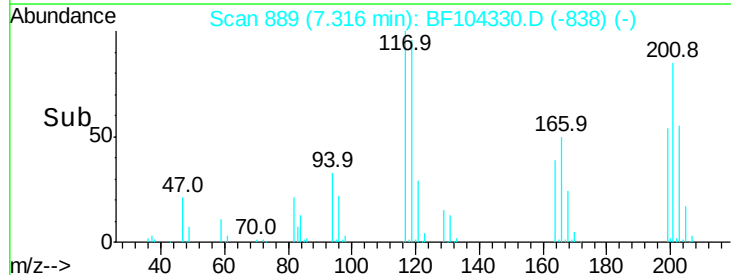
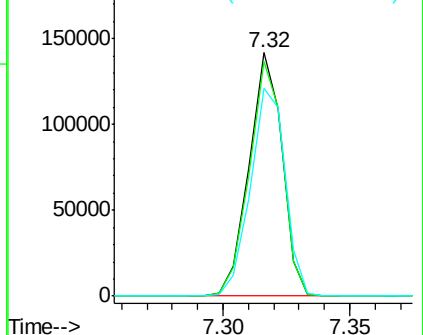


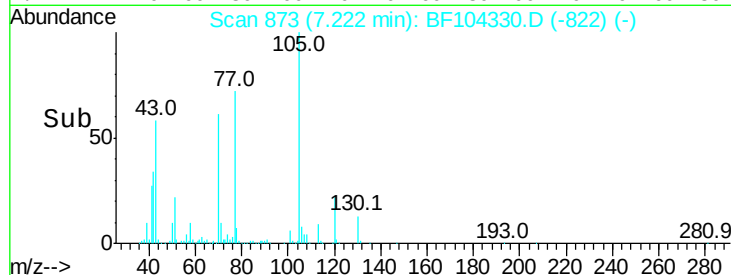
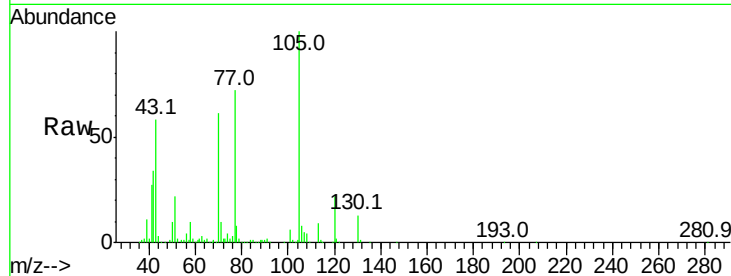
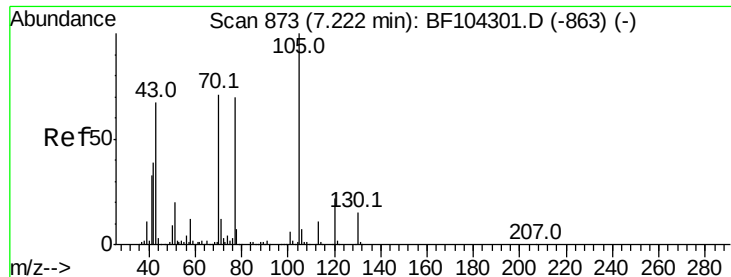
#18
Hexachloroethane
Concen: 33.469 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:117 Resp: 129066
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 85.4 75.7 113.5



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

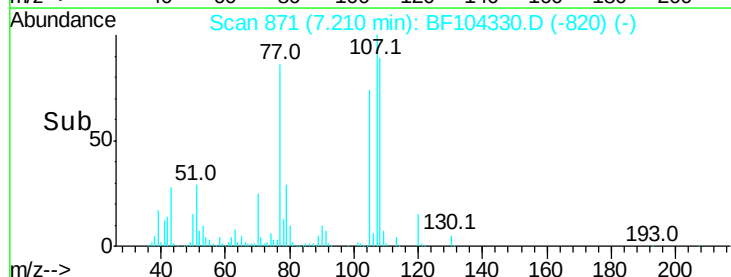
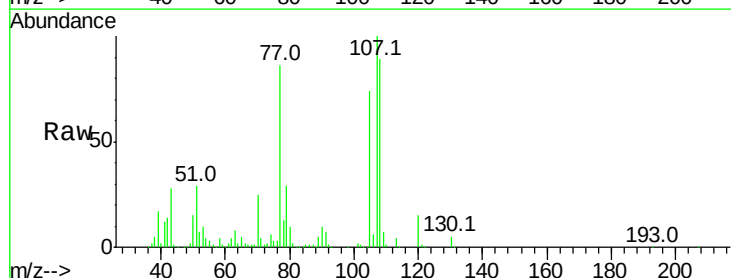
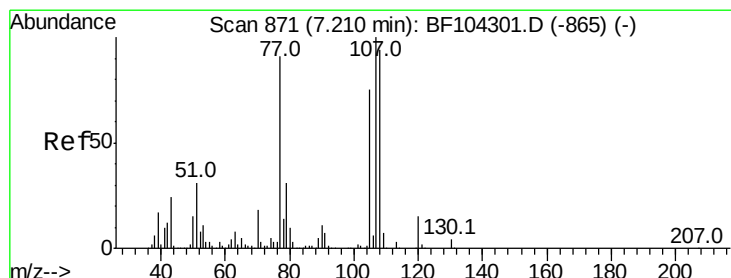
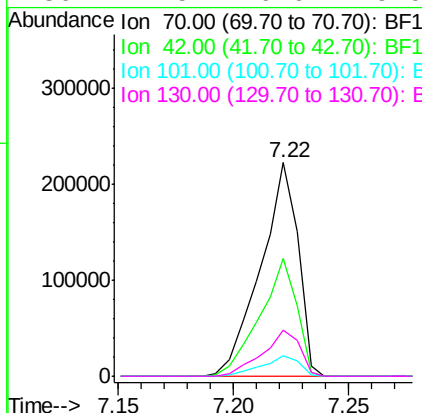




#19
n-Nitroso-di-n-propylamine
Concen: 34.420 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

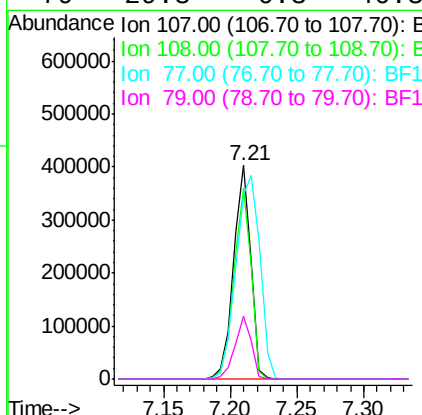
Instrument :
BNA_F
ClientSampleId :
PB108046BS

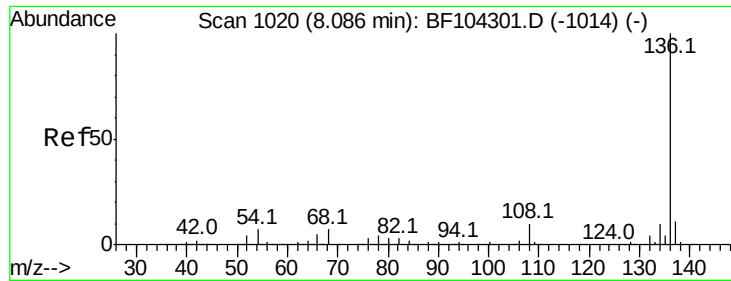
Tot Ion:	70	Resp:	250766
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.466 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:	107	Resp:	366194
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	86.3	26.7	66.7#
79	29.3	6.3	46.3

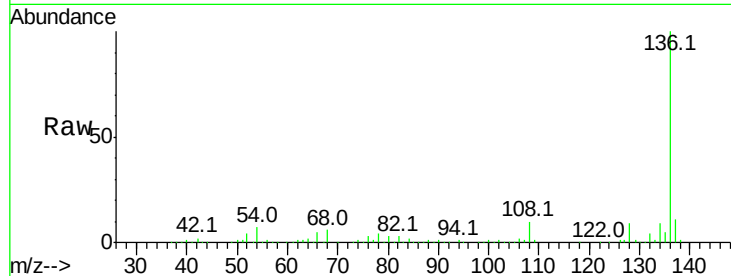




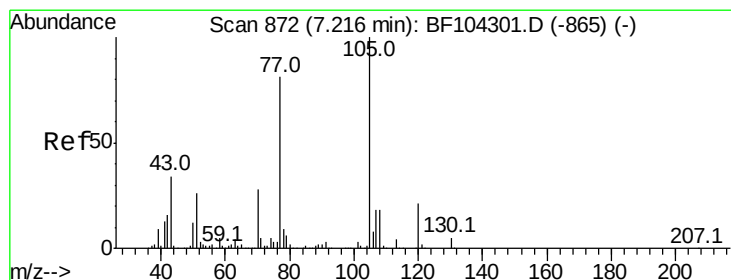
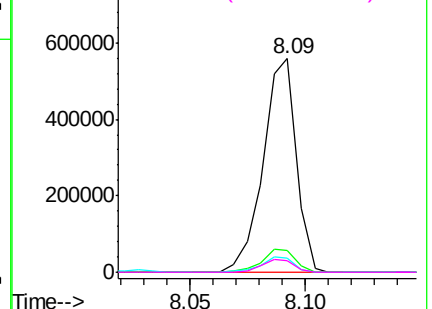
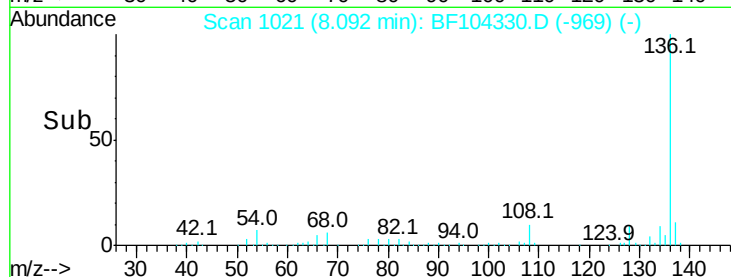
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion:	136	Resp:	558864
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.6	6.6	9.8
68	5.7	5.0	7.4

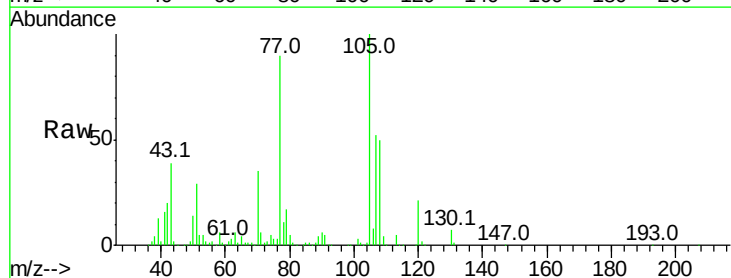


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

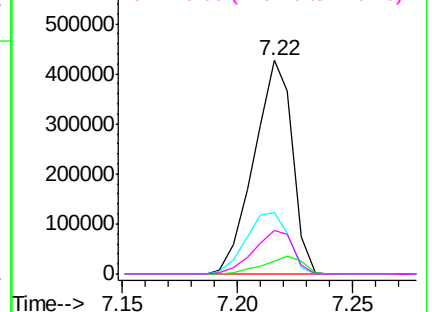
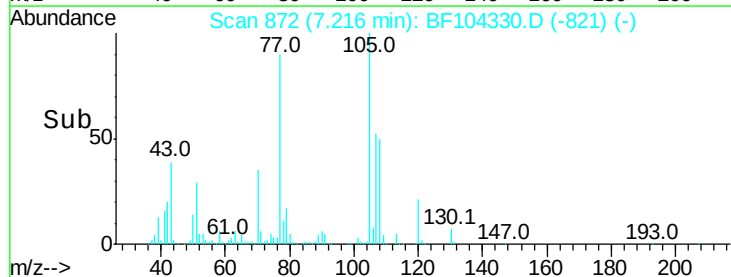


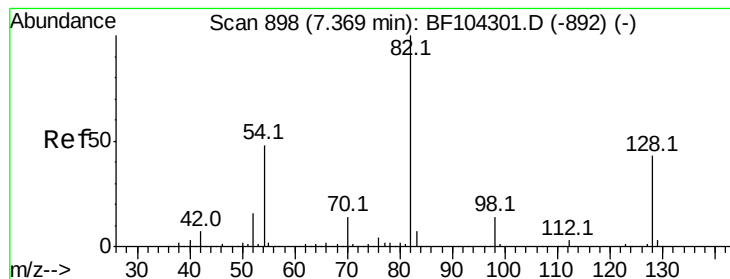
#22
Acetophenone
Concen: 36.023 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:	105	Resp:	495644
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.4	6.6
51	29.1	22.3	33.5
120	20.7	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: 84.076 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

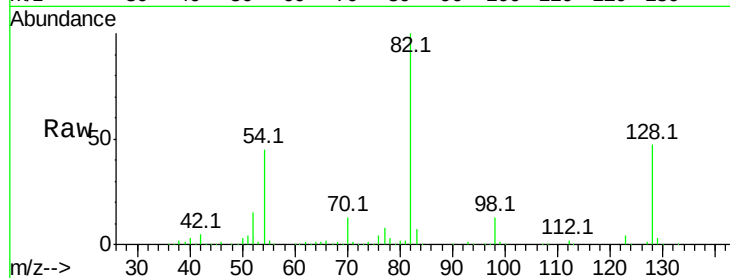
Tot Ion: 82 Resp: 719576

Ion Ratio Lower Upper

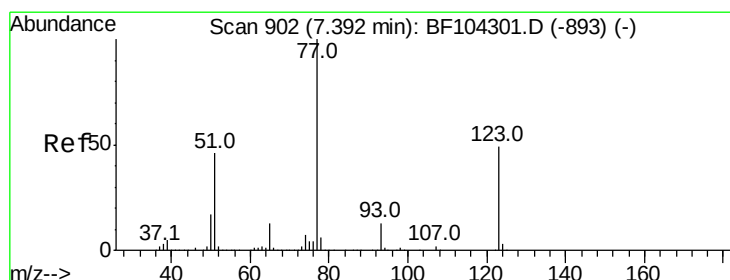
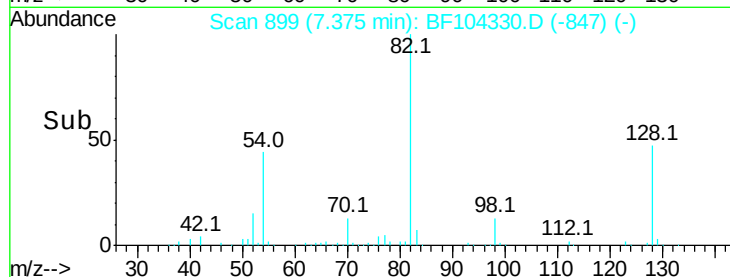
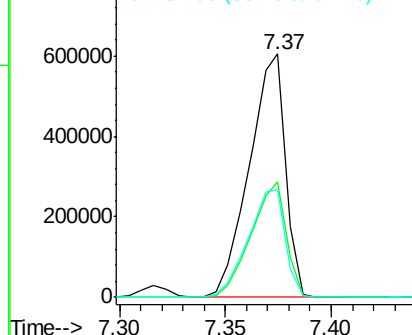
82 100

128 47.3 36.1 54.1

54 44.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.794 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

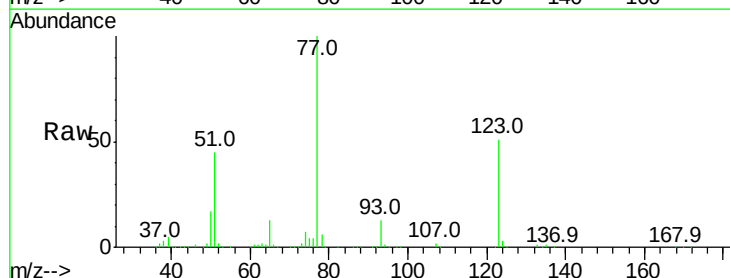
Tgt Ion: 77 Resp: 376026

Ion Ratio Lower Upper

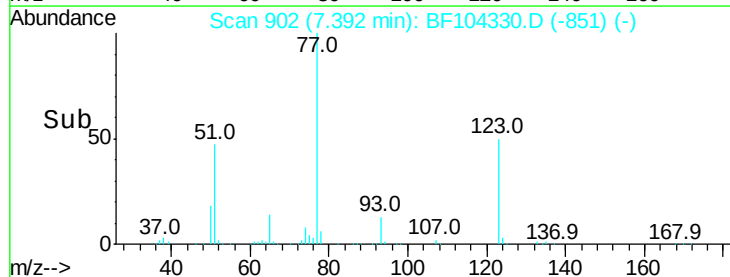
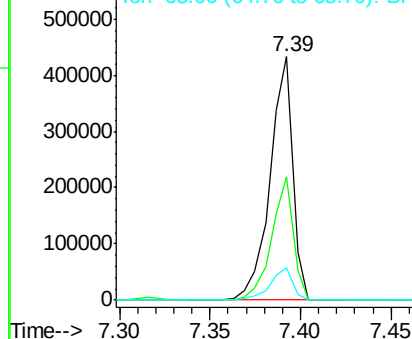
77 100

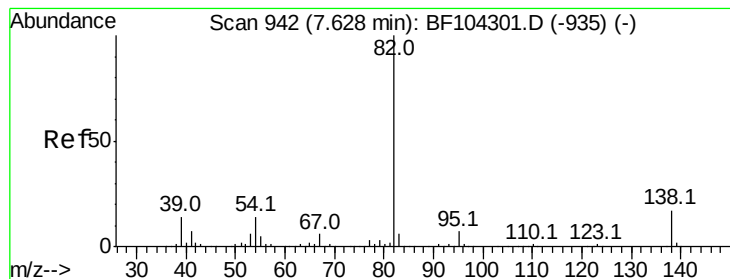
123 50.5 37.9 56.9

65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 38.938 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

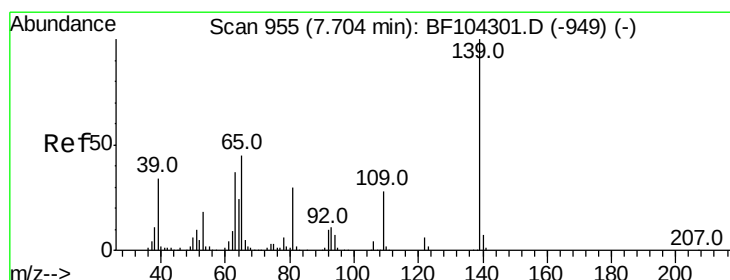
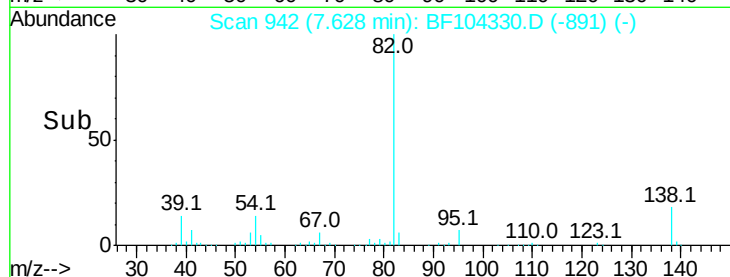
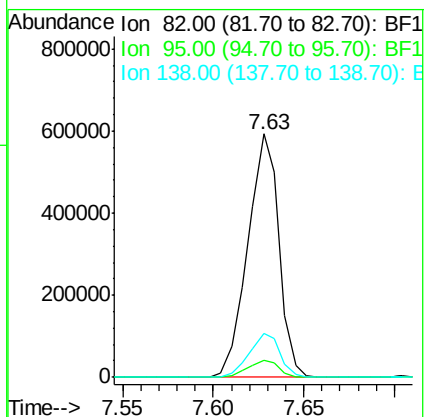
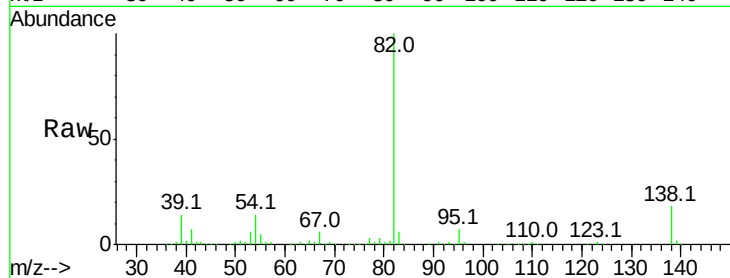
Tot Ion: 82 Resp: 704710

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 46.429 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

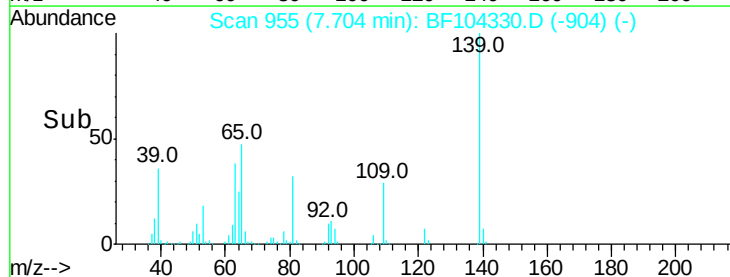
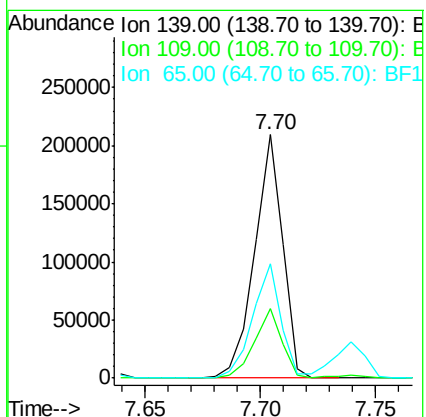
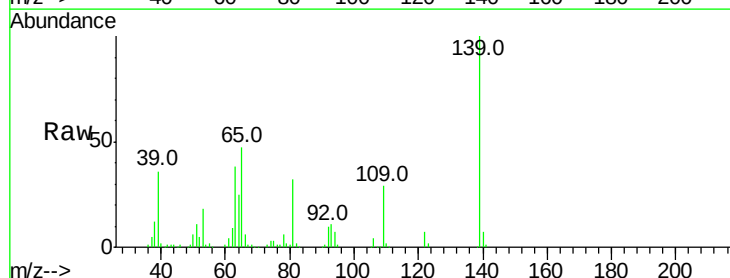
Tgt Ion:139 Resp: 178606

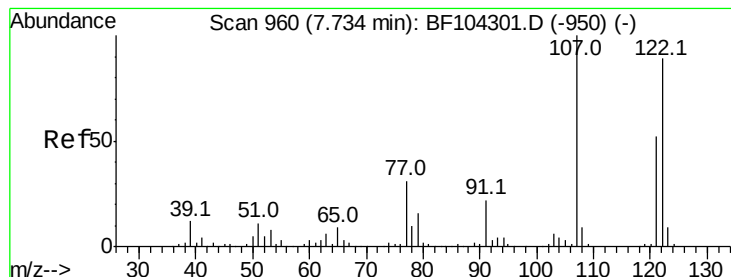
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 47.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.320 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

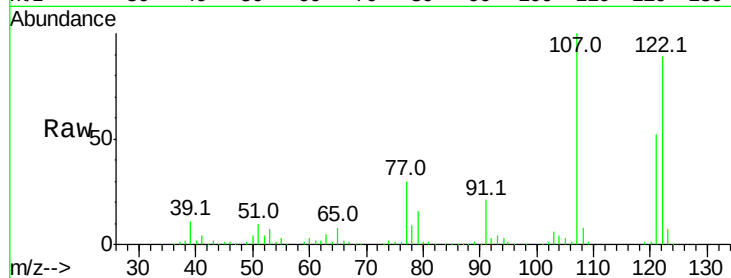
Tot Ion:122 Resp: 354006

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

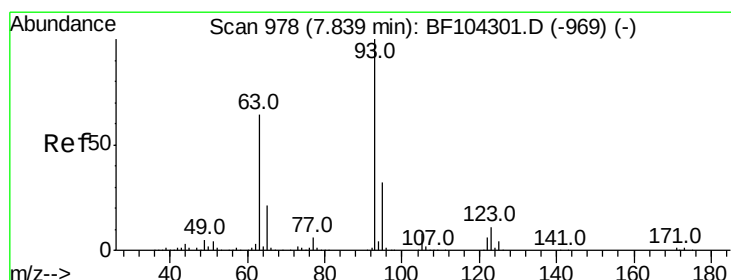
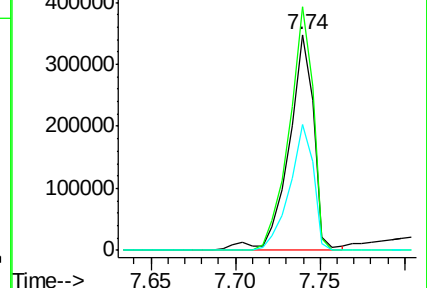
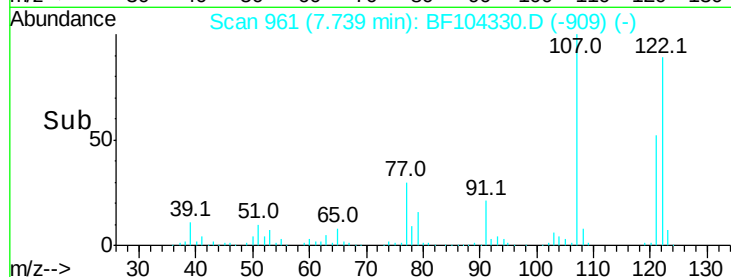
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.582 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

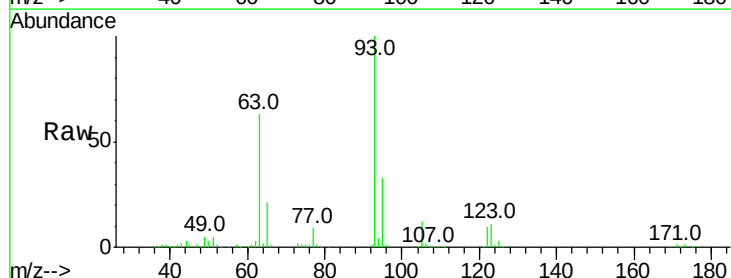
Tgt Ion: 93 Resp: 449060

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

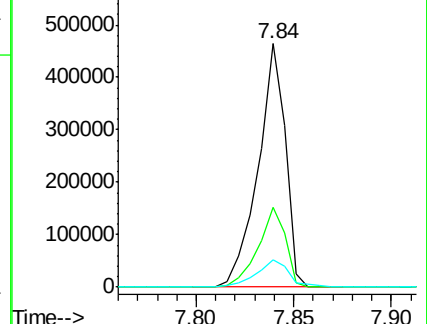
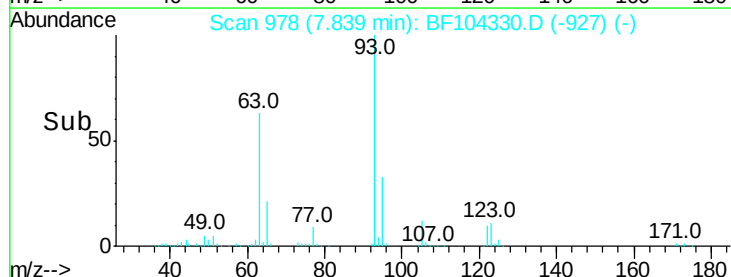
123 11.3 9.8 14.6

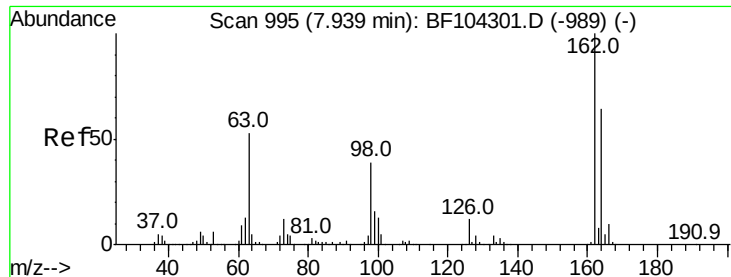


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.641 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

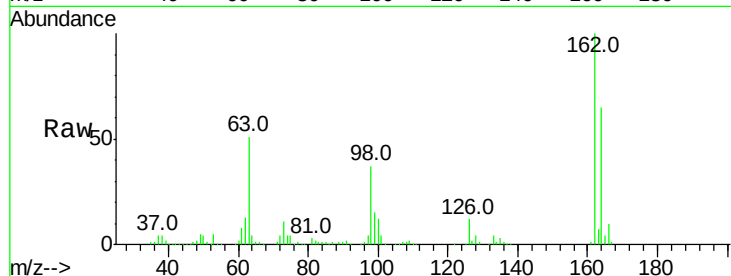
Tot Ion:162 Resp: 302112

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

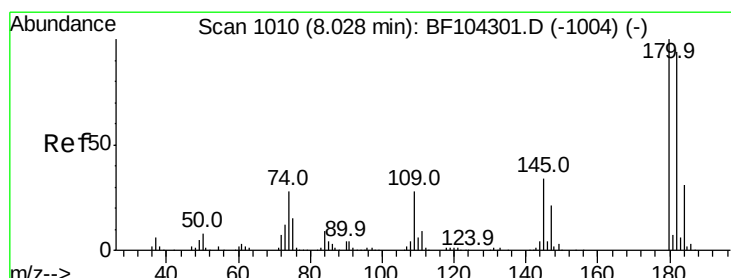
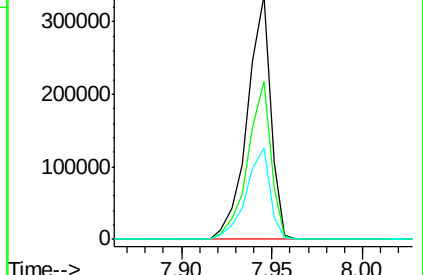
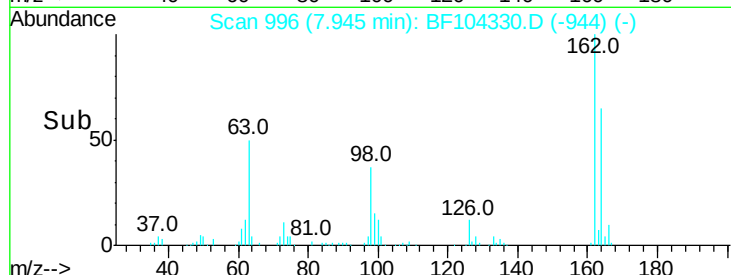
98 37.5 18.1 58.1



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: 36.621 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

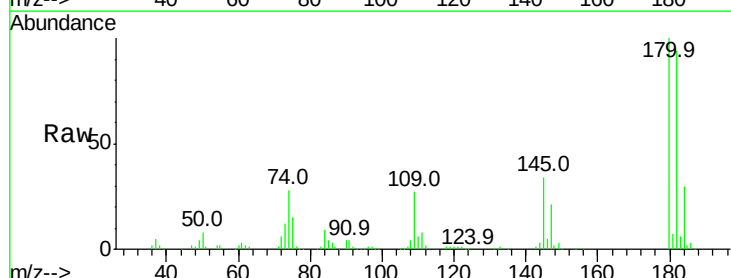
Tgt Ion:180 Resp: 306295

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

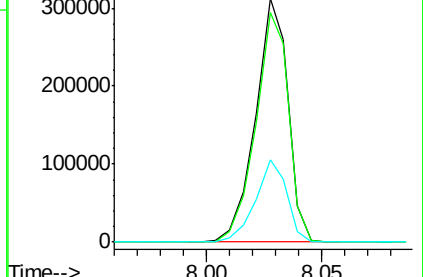
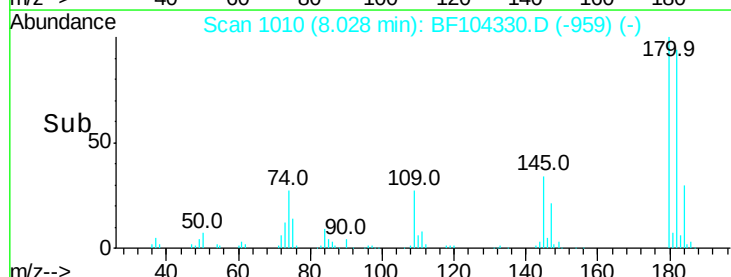
145 33.6 26.5 39.7

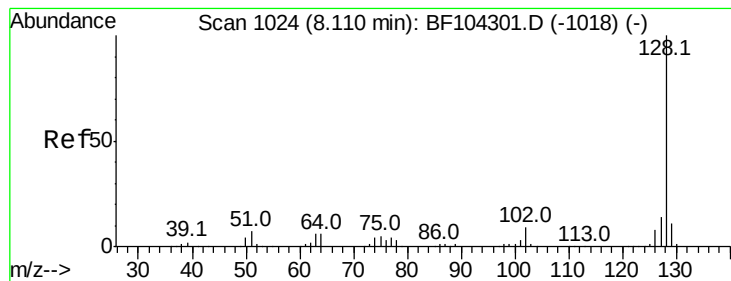


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.564 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

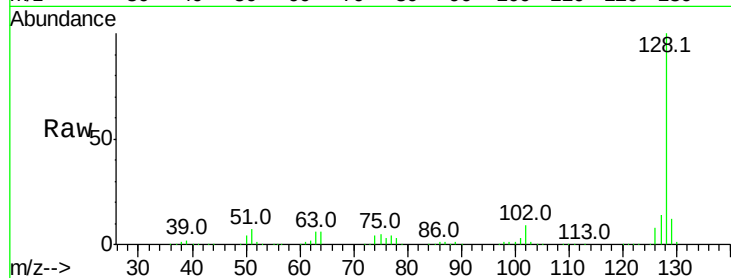
Tot Ion:128 Resp: 1045361

Ion Ratio Lower Upper

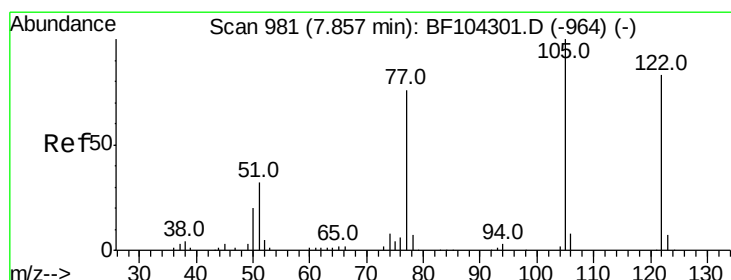
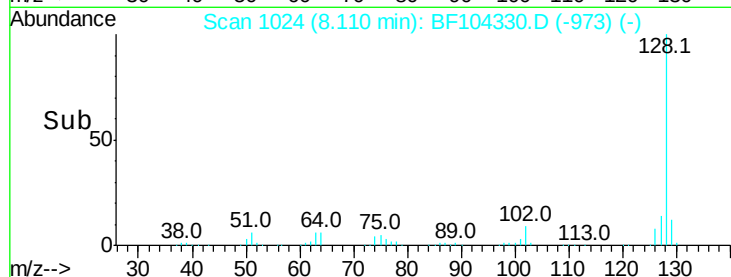
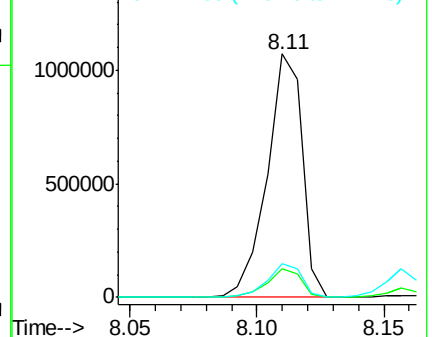
128 100

129 11.7 8.8 13.2

127 13.7 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: 34.383 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

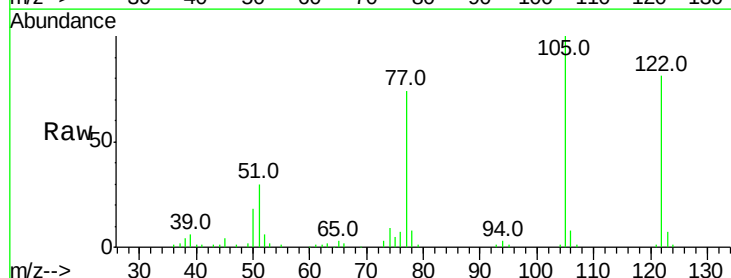
Tgt Ion:122 Resp: 219129

Ion Ratio Lower Upper

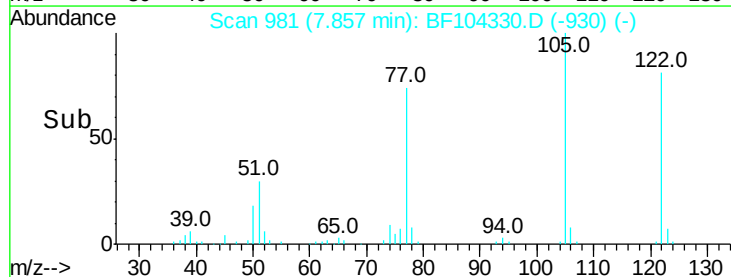
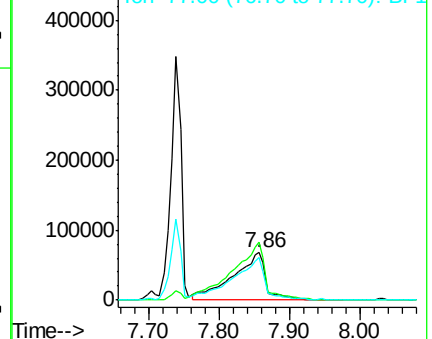
122 100

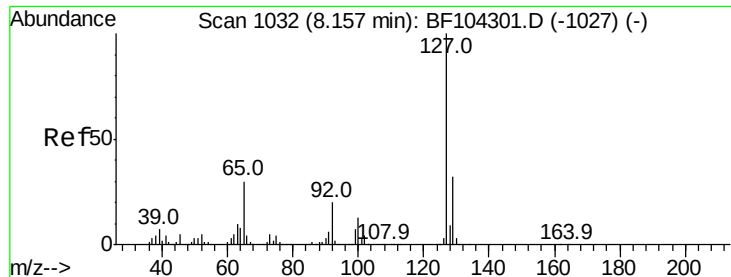
105 122.8 101.1 141.1

77 91.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

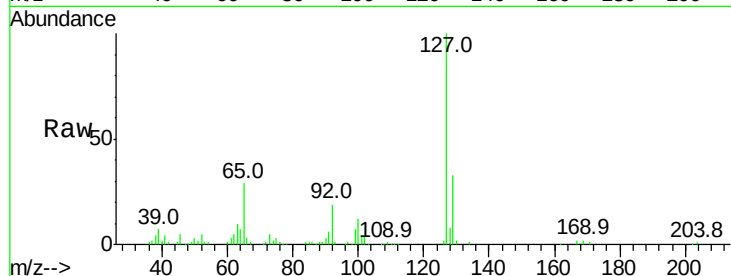




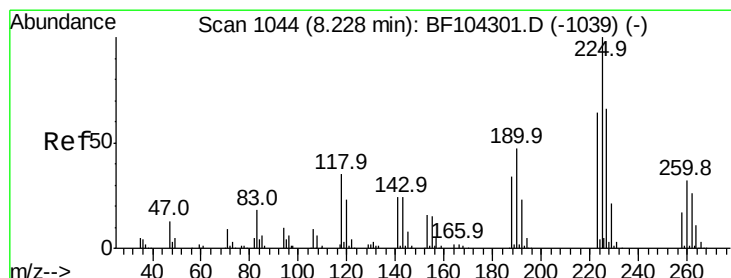
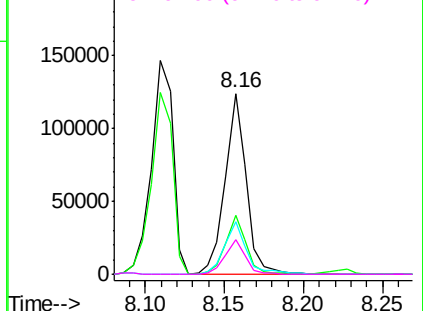
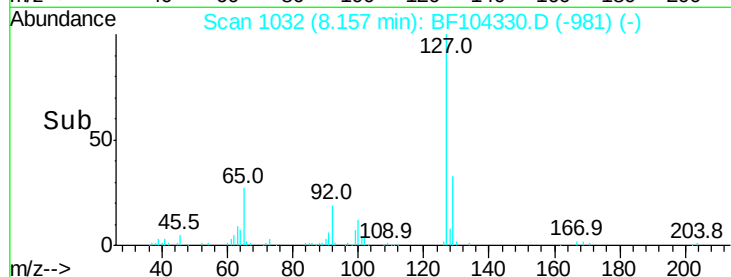
#33
4-Chloroaniline
Concen: 9.654 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion:	127	Resp:	115092
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	28.9	25.0	37.4
92	18.9	15.2	22.8

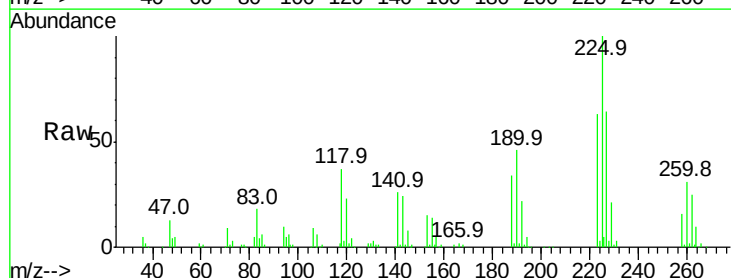


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

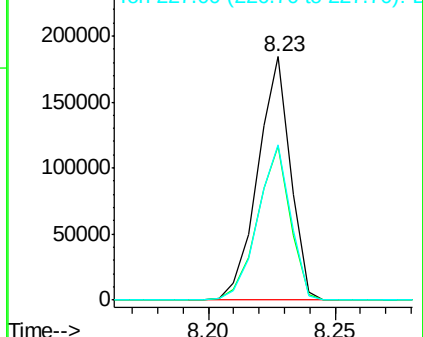
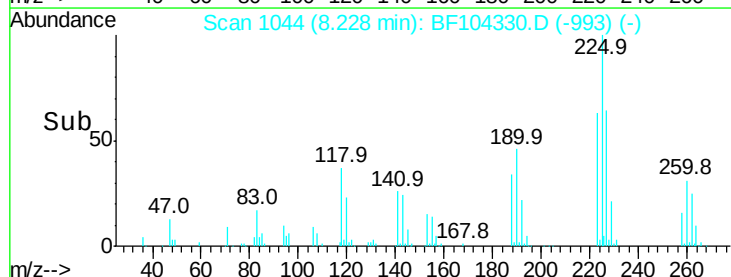


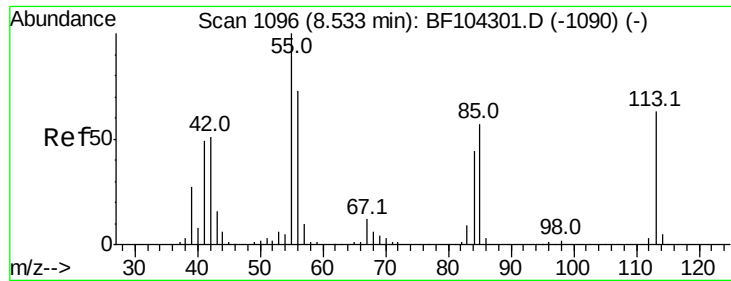
#34
Hexachlorobutadiene
Concen: 35.960 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:	225	Resp:	164743
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.7	51.9	77.9



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

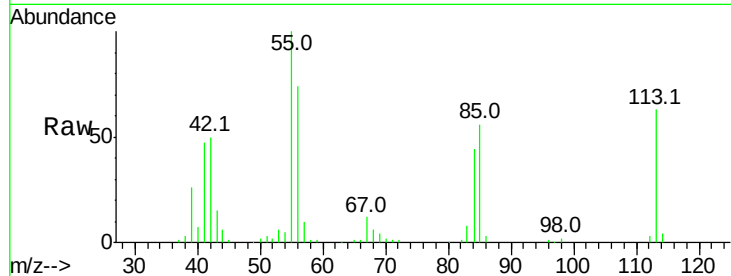




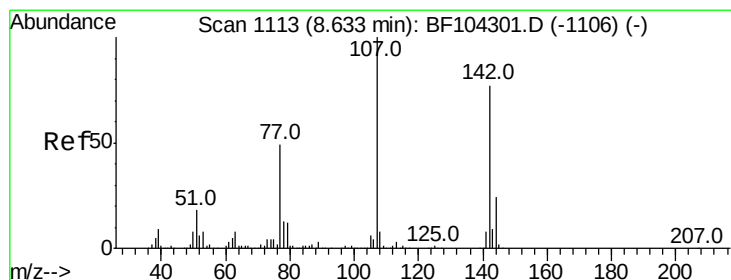
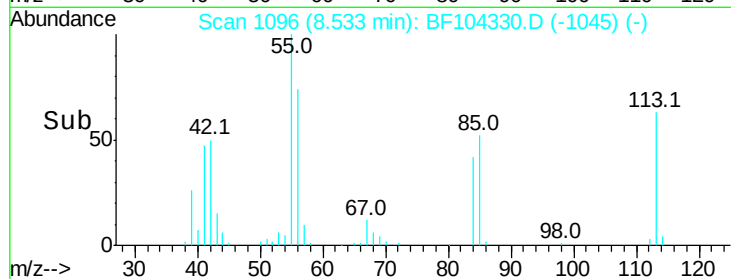
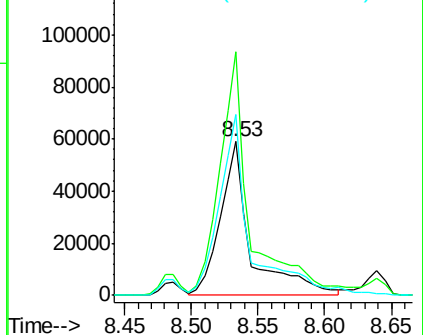
#35
 Caprolactam
 Concen: 35.961 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion:113 Resp: 95608
 Ion Ratio Lower Upper
 113 100
 55 158.6 163.3 203.3#
 56 117.5 115.7 155.7

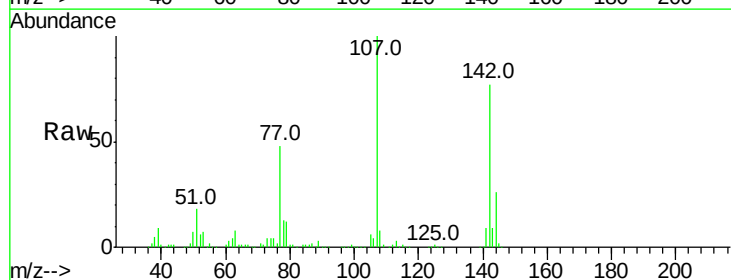


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

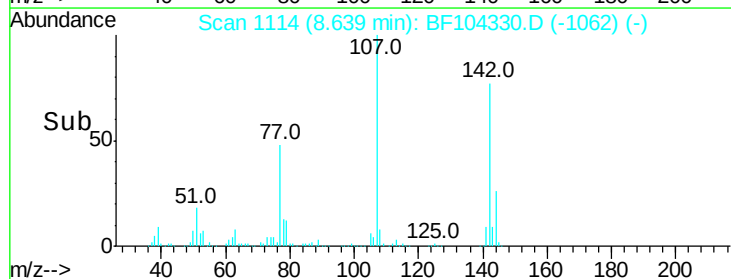
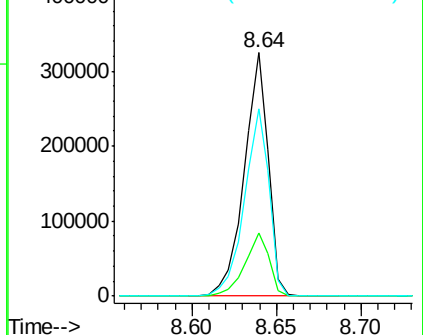


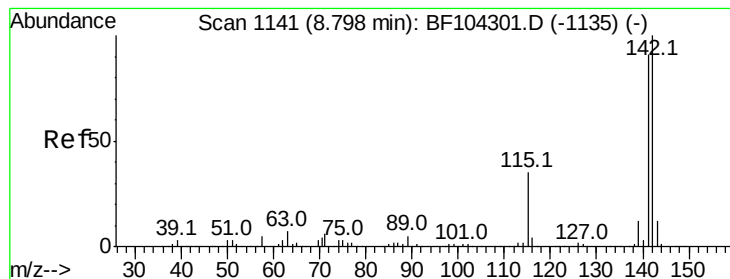
#36
 4-Chloro-3-methylphenol
 Concen: 39.522 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:107 Resp: 322970
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.1 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

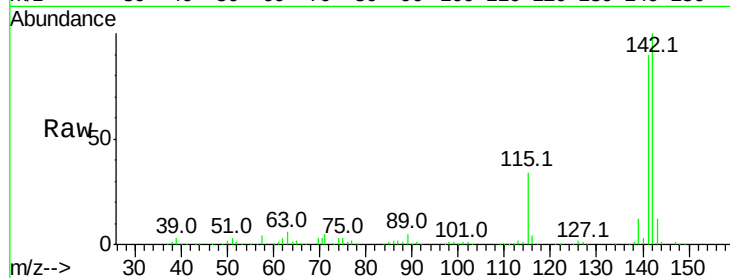




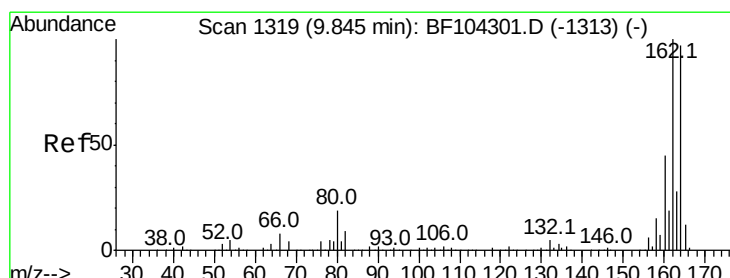
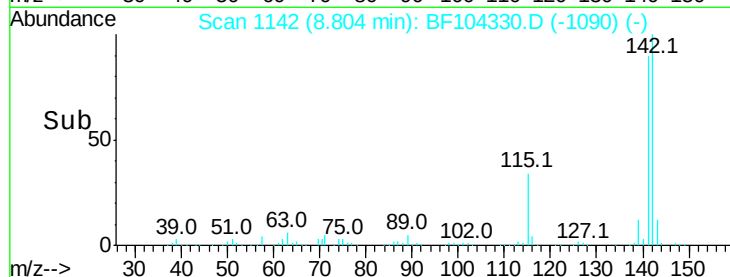
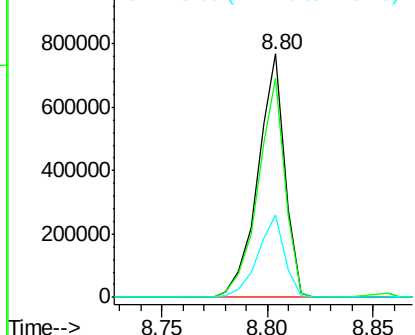
#37
 2-Methylnaphthalene
 Concen: 37.917 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	33.9	26.1	39.1

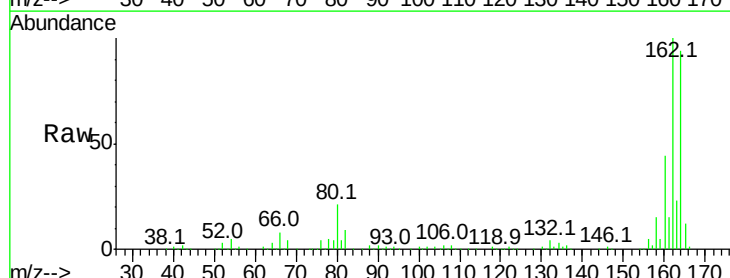


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

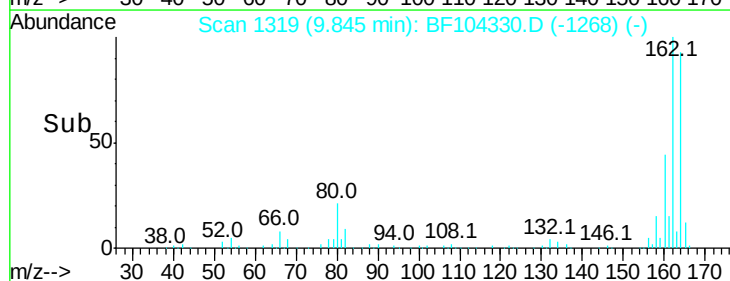
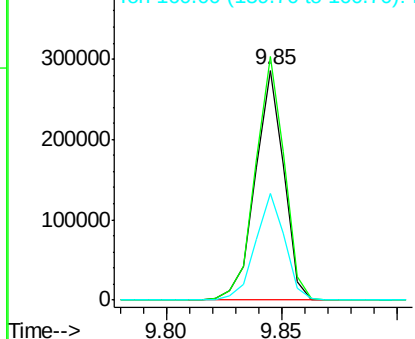


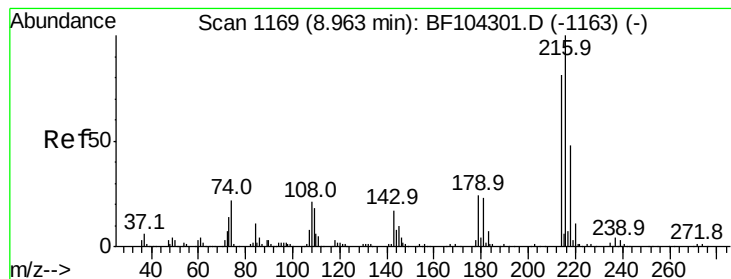
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.5	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.627 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

Tot Ion:216 Resp: 286514

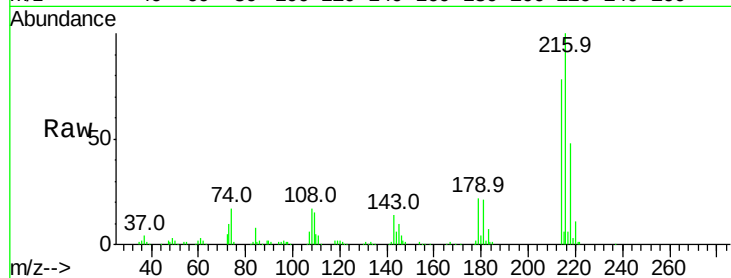
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 22.6 18.1 27.1

108 20.2 17.2 25.8

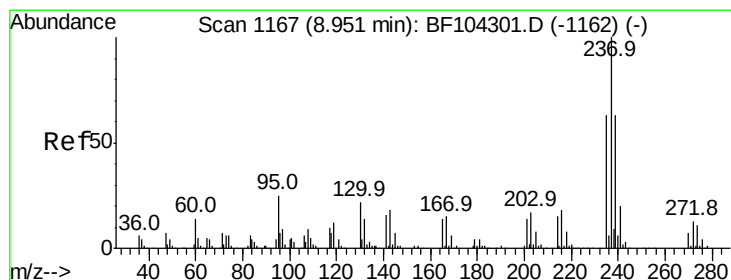
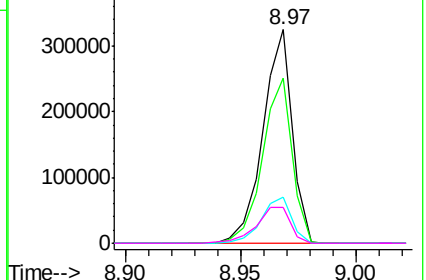
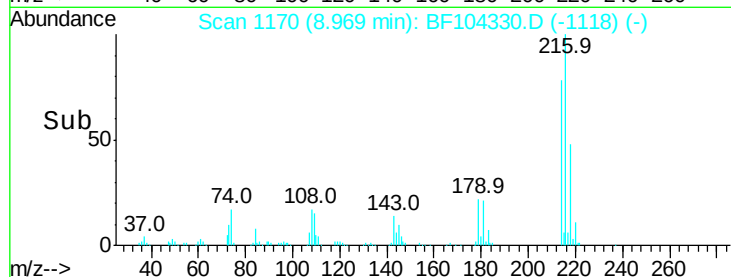


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.364 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

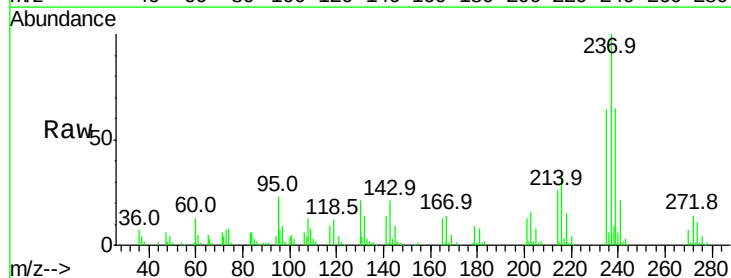
Tgt Ion:237 Resp: 92246

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

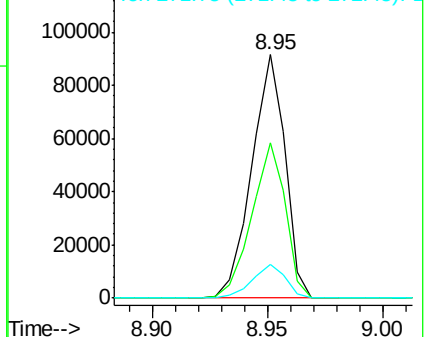
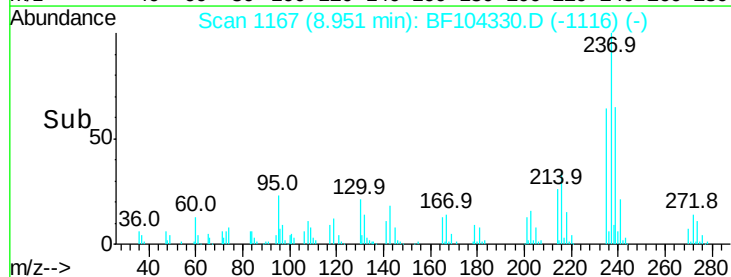
272 13.7 0.0 33.3

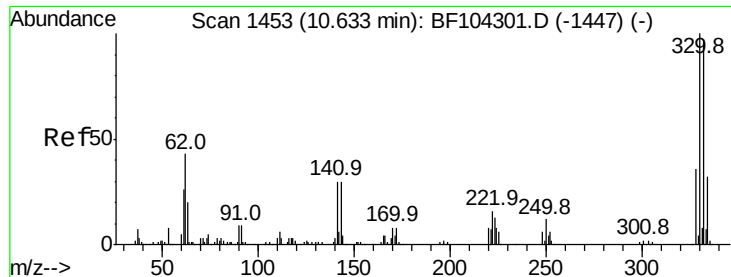


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 101.618 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

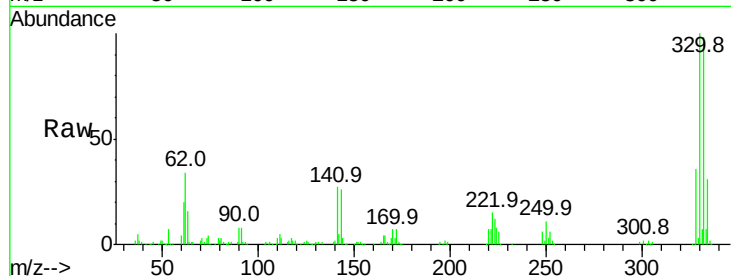
Tot Ion:330 Resp: 259694

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

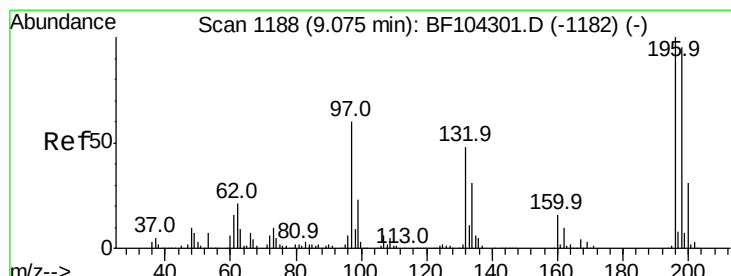
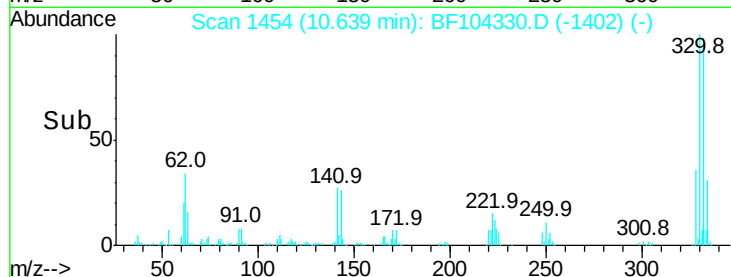
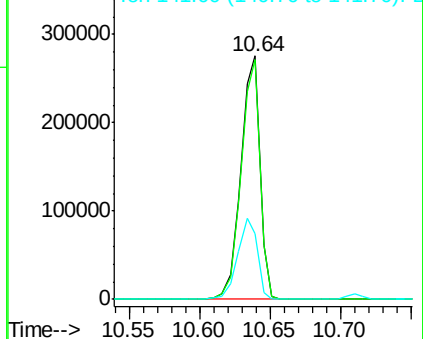
141 34.3 29.9 44.9



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: 41.260 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

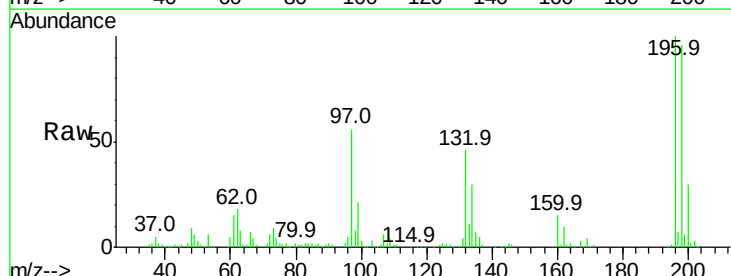
Tgt Ion:196 Resp: 201996

Ion Ratio Lower Upper

196 100

198 95.7 75.7 113.5

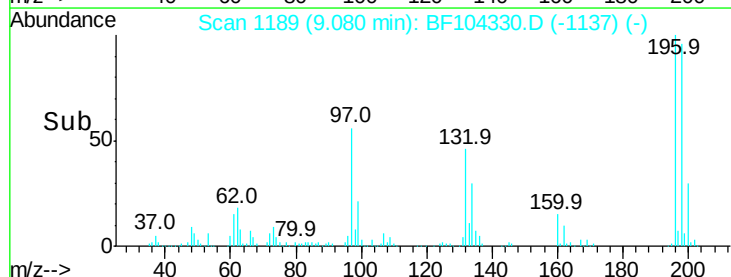
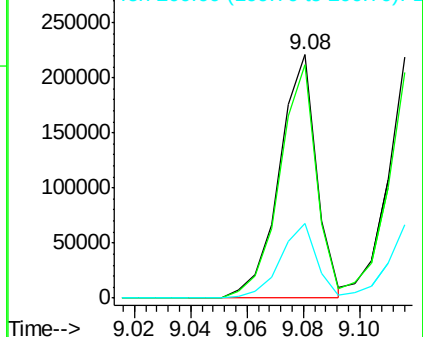
200 30.4 24.5 36.7

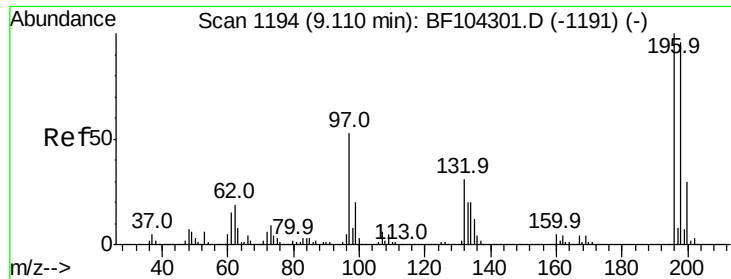


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

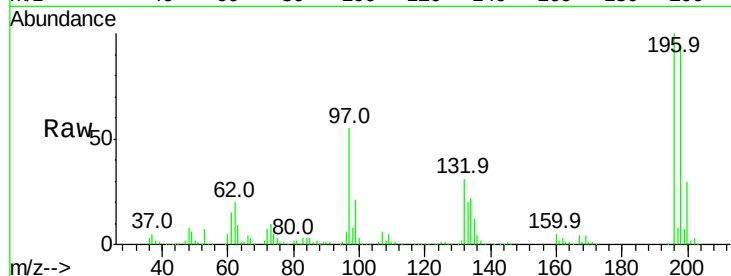




#43
 2,4,5-Trichlorophenol
 Concen: 38.347 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.6	112.0
97	55.4	42.9	64.3
132	31.0	26.3	39.5



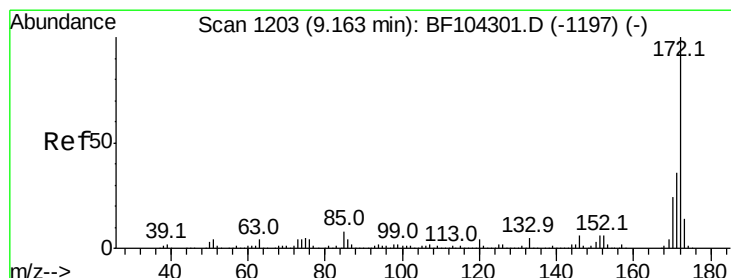
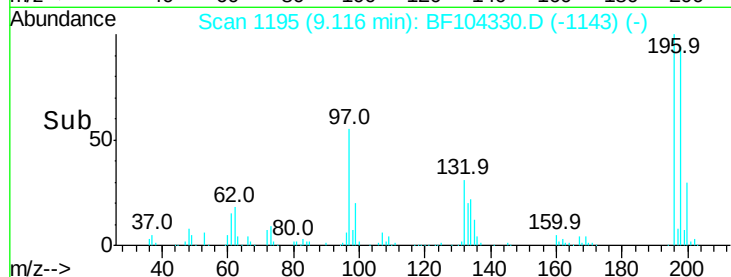
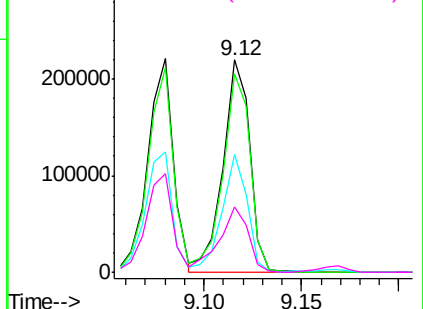
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

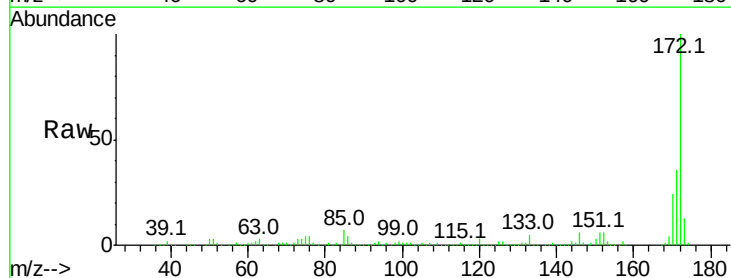
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.979 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

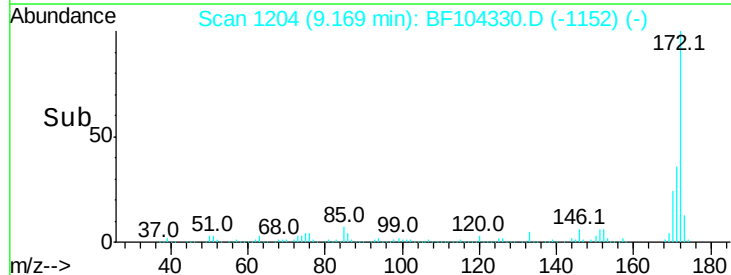
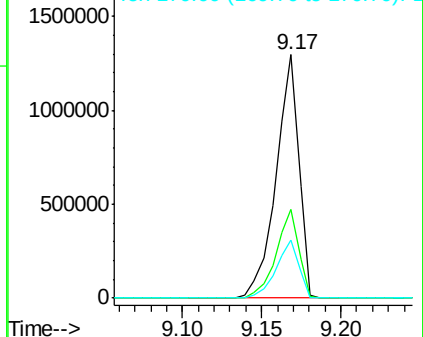


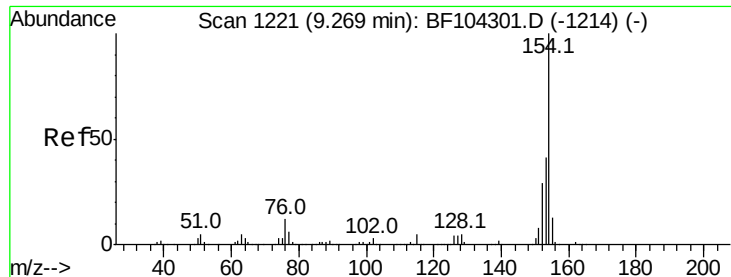
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

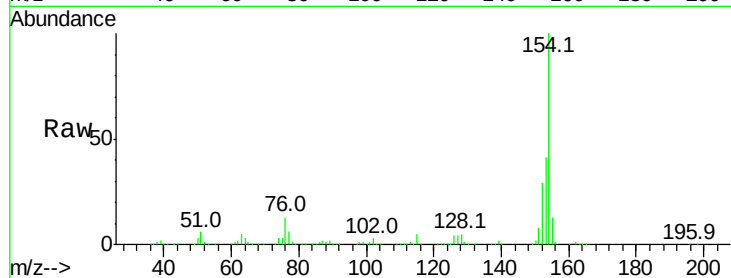




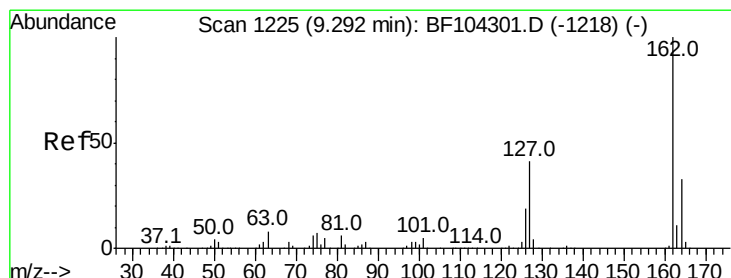
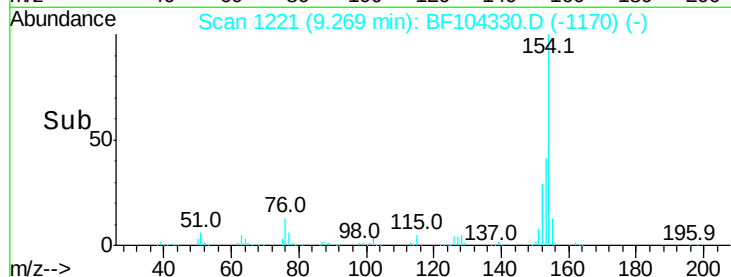
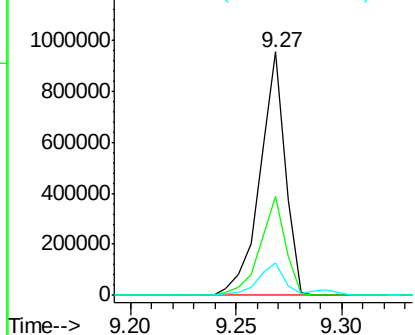
#45
 1,1'-Biphenyl
 Concen: 38.466 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.1	0.0	34.0

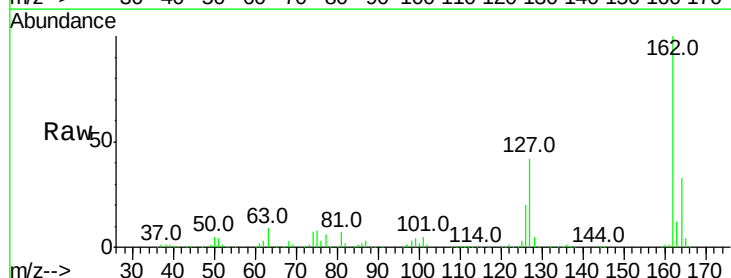


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

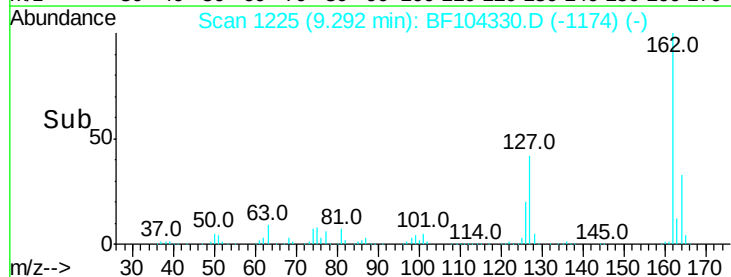
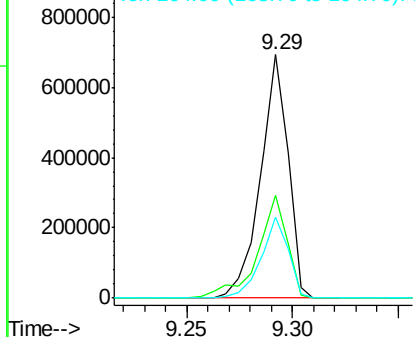


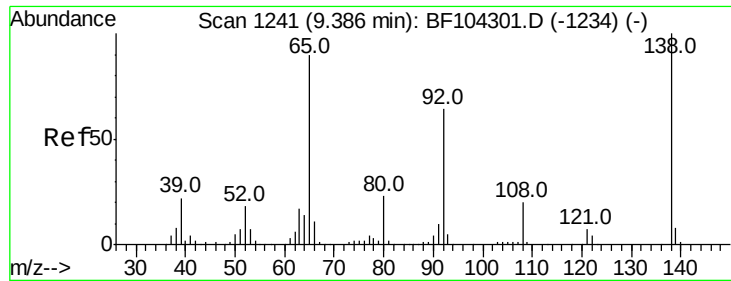
#46
 2-Chloronaphthalene
 Concen: 38.502 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	33.1	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

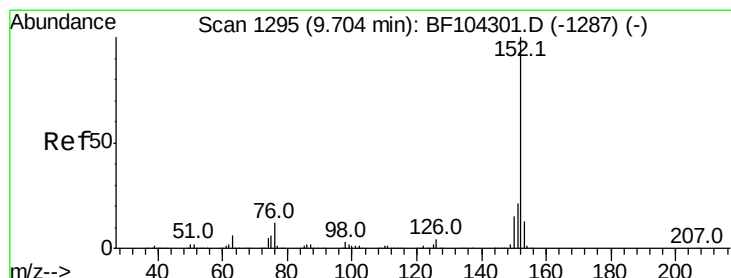
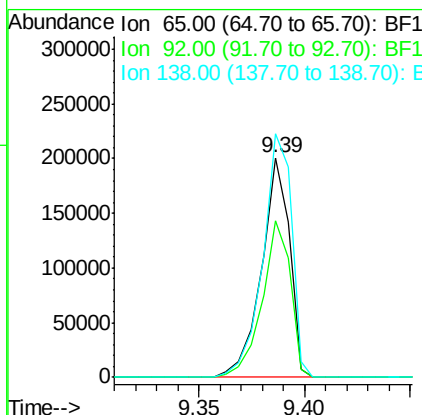
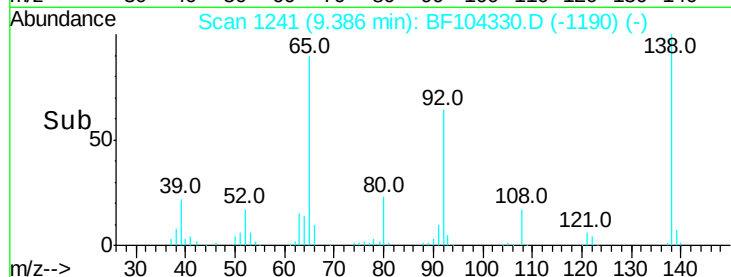
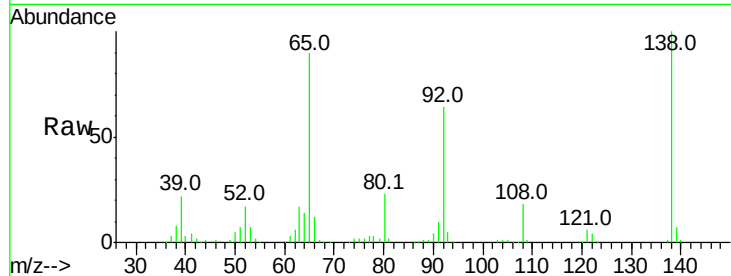




#47
 2-Nitroaniline
 Concen: 45.925 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

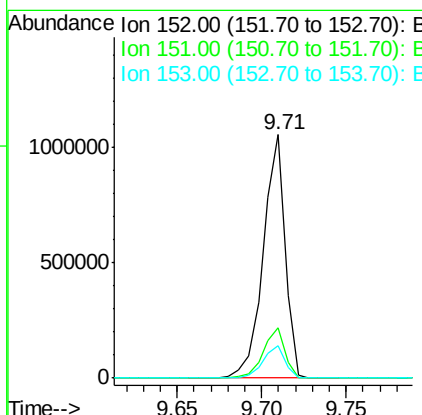
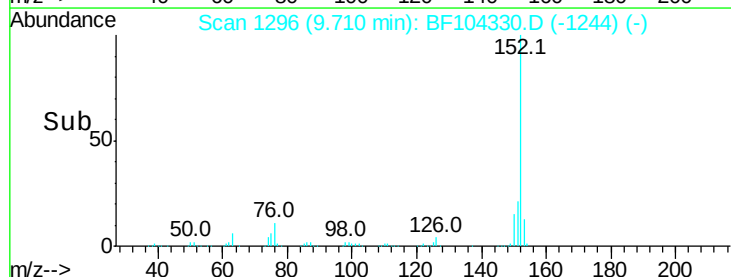
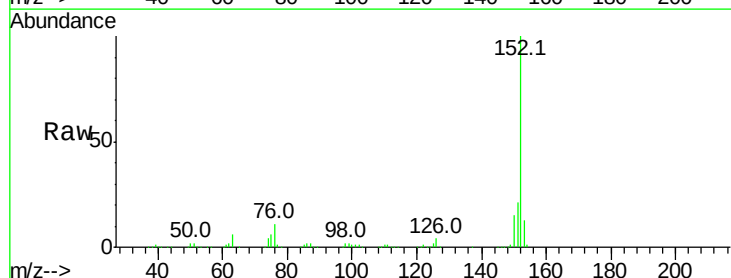
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

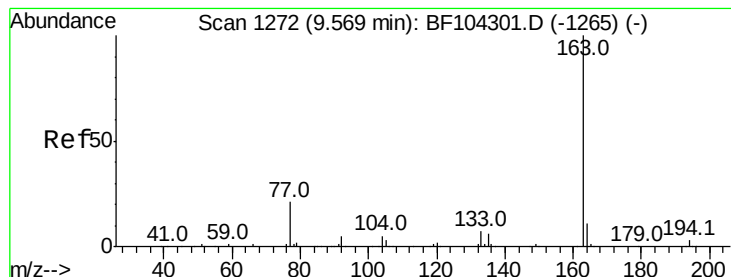
Tot Ion:	65	Resp:	185661
Ion Ratio	Lower	Upper	
65	100		
92	71.1	55.8	83.6
138	110.8	91.2	136.8



#48
 Acenaphthylene
 Concen: 36.947 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:	152	Resp:	947627
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 38.679 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

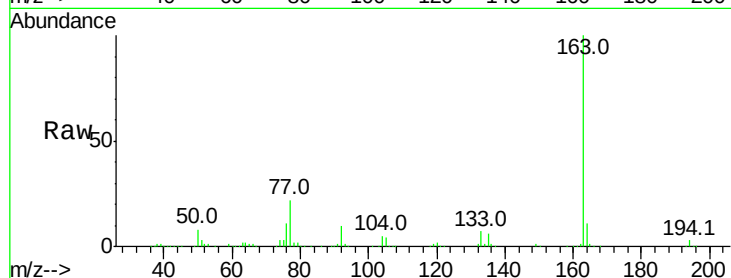
Tot Ion:163 Resp: 751450

Ion Ratio Lower Upper

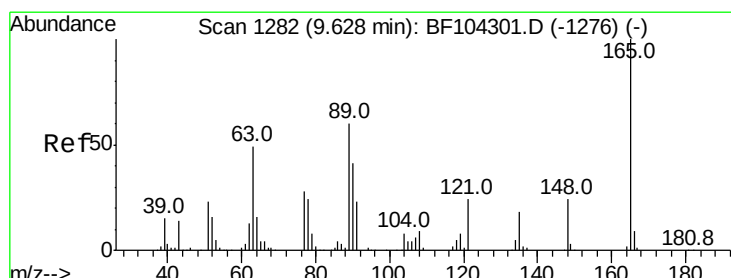
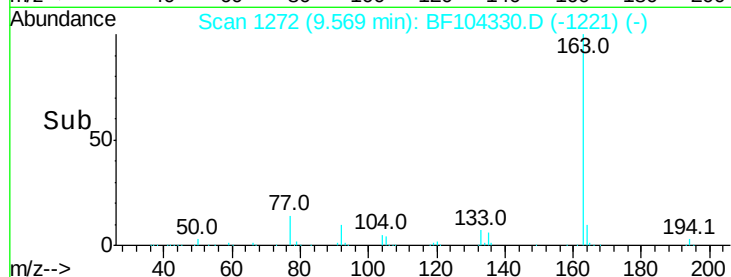
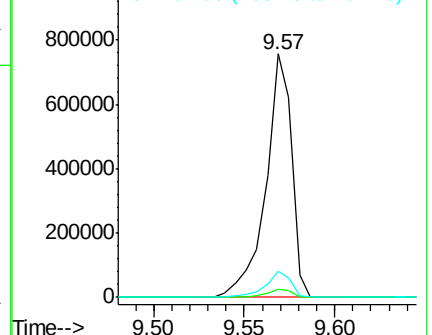
163 100

194 3.4 2.7 4.1

164 10.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 44.899 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

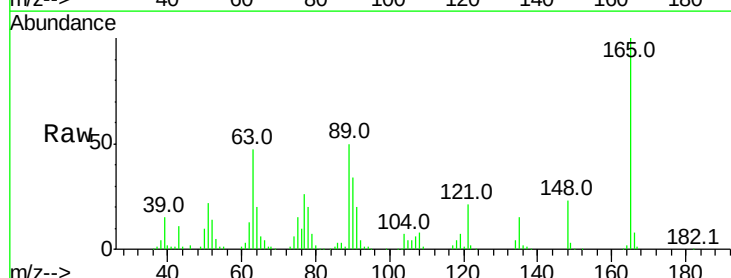
Tgt Ion:165 Resp: 161405

Ion Ratio Lower Upper

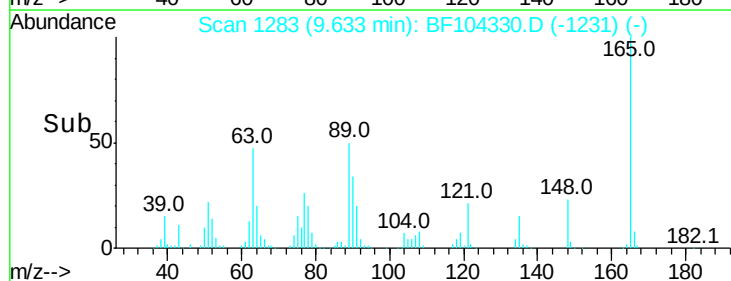
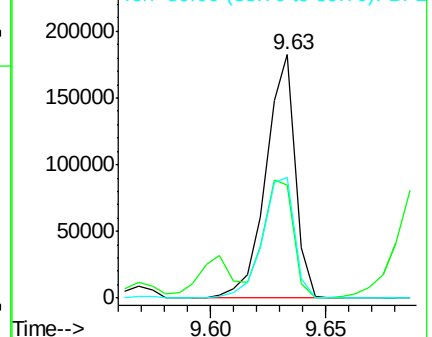
165 100

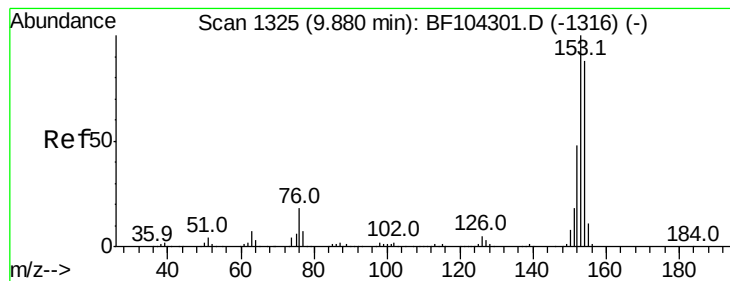
63 46.7 44.7 67.1

89 49.7 44.0 66.0



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





#51

Acenaphthene

Concen: 36.354 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

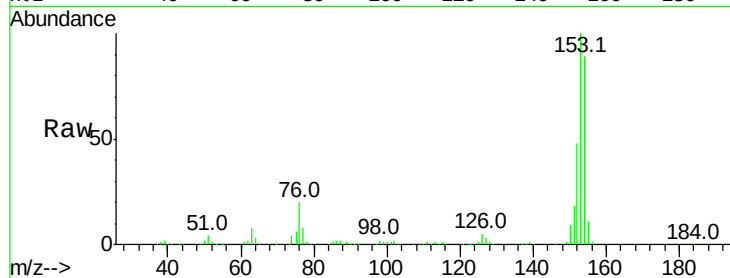
Tot Ion:154 Resp: 568915

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

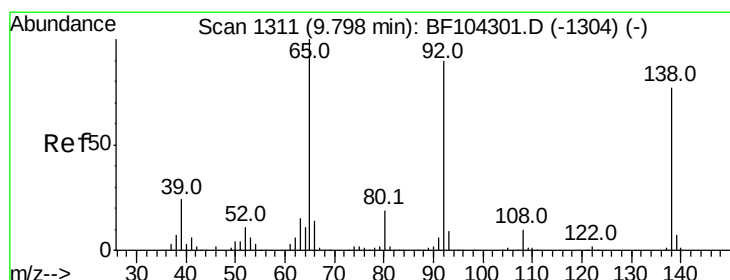
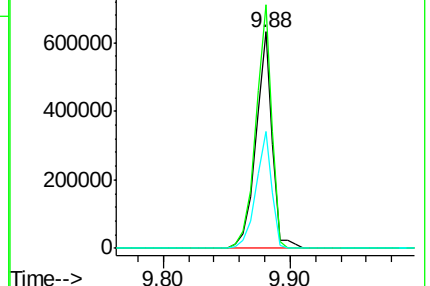
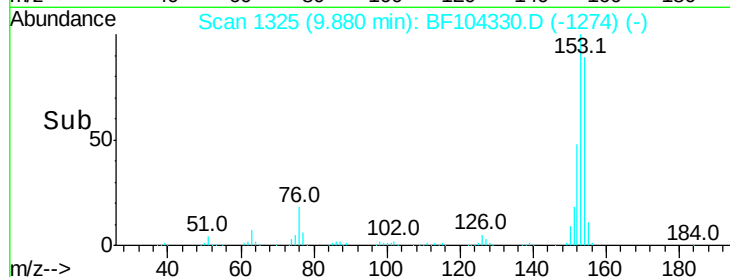
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.611 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

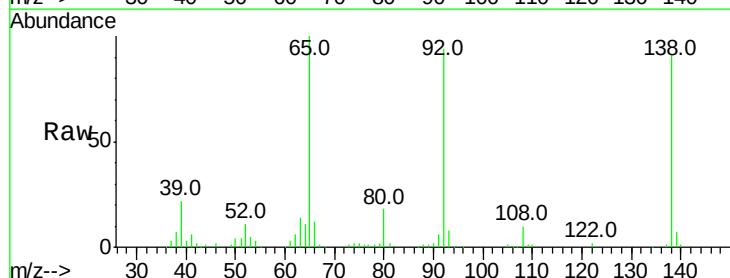
Tgt Ion:138 Resp: 95160

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

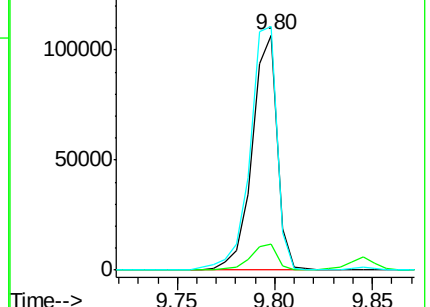
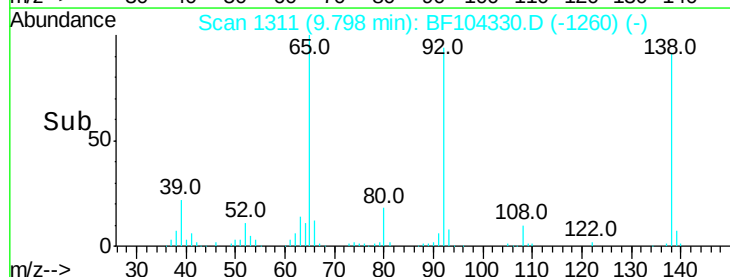
92 103.6 89.4 134.2

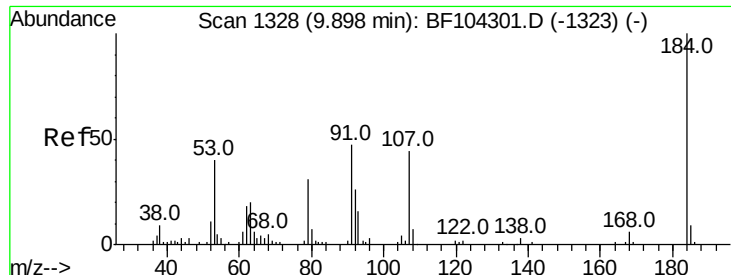


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

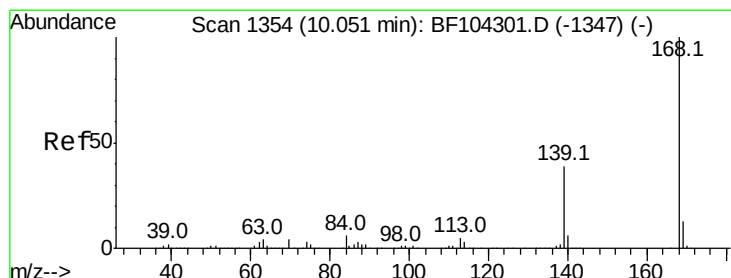
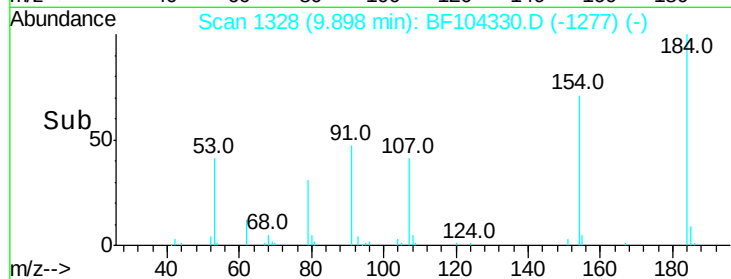
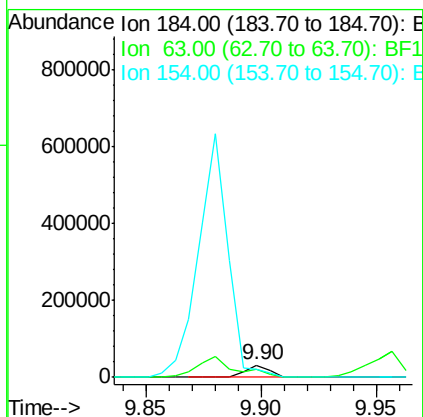
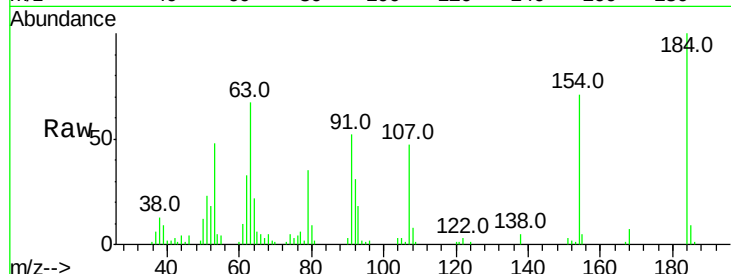




#53
 2,4-Dinitrophenol
 Concen: 26.410 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

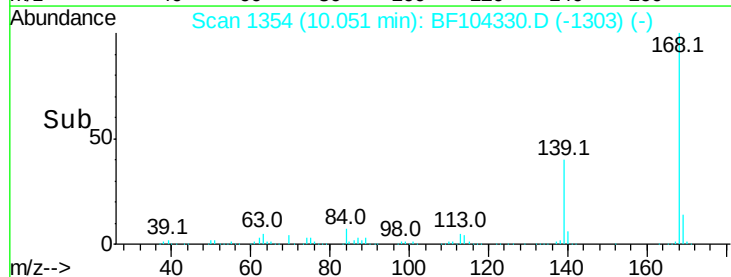
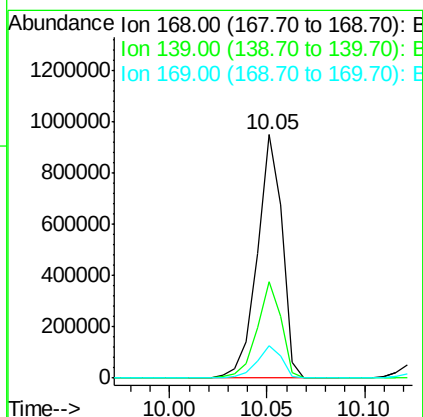
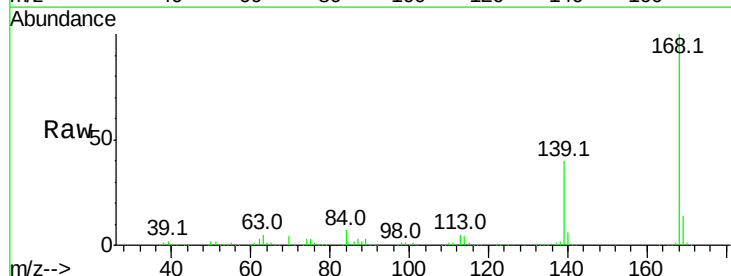
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

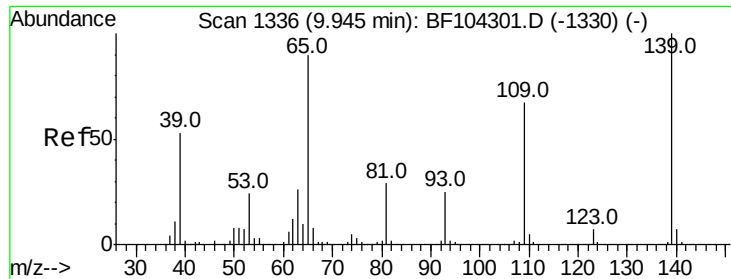
Tot Ion:184 Resp: 24435
 Ion Ratio Lower Upper
 184 100
 63 66.9 54.2 81.2
 154 70.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.282 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:168 Resp: 834872
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.6 10.9 16.3

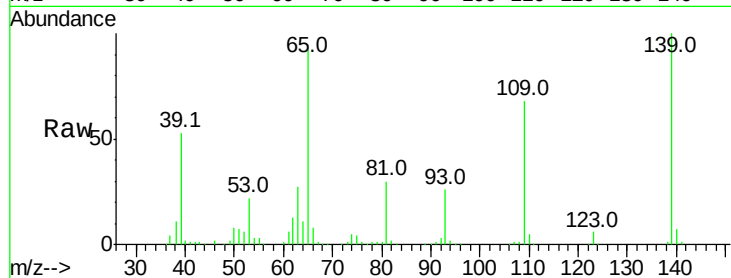




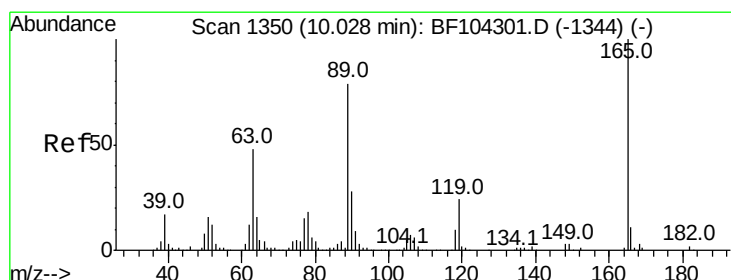
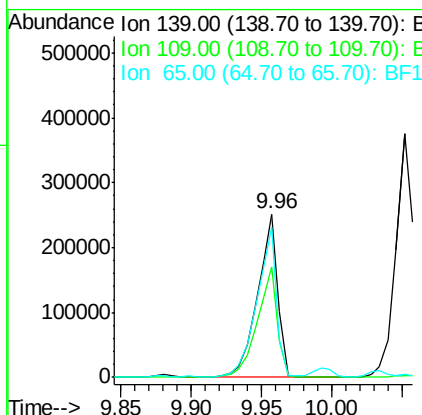
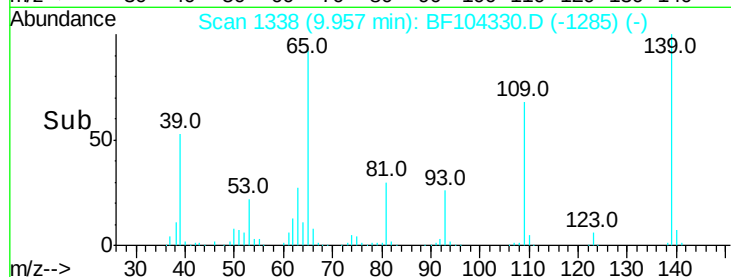
#55
4-Nitrophenol
Concen: 77.448 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion:139 Resp: 256037
Ion Ratio Lower Upper
139 100
109 67.7 48.4 88.4
65 91.7 72.6 112.6

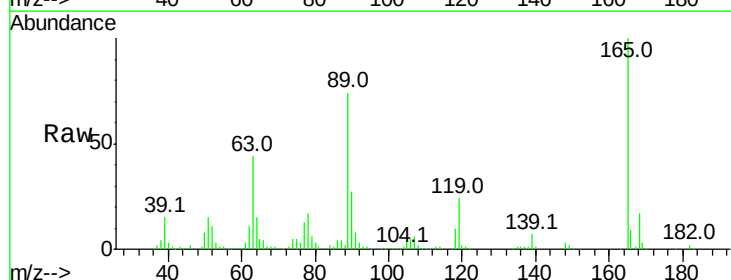


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

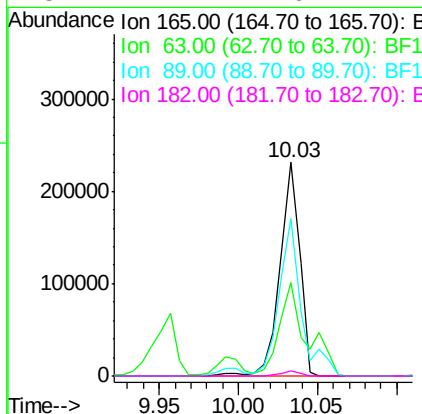
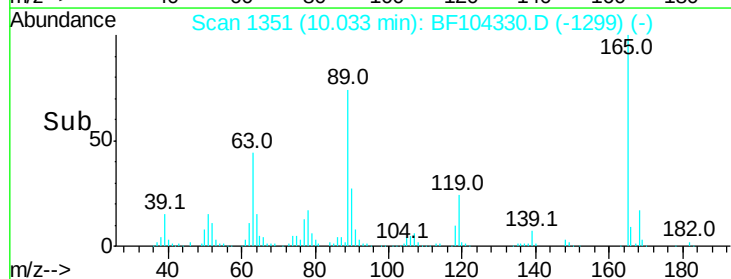


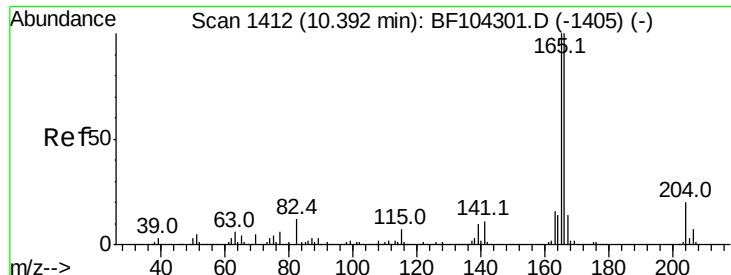
#56
2,4-Dinitrotoluene
Concen: 42.427 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:165 Resp: 200062
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 73.5 57.8 86.6
182 2.2 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

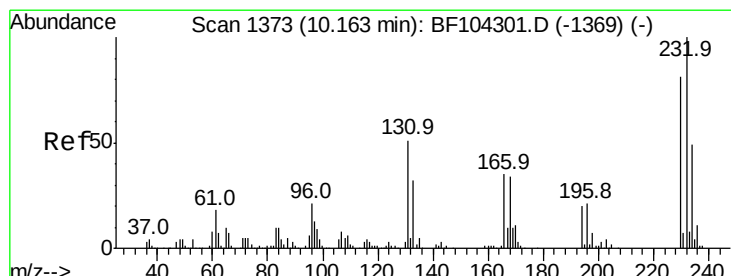
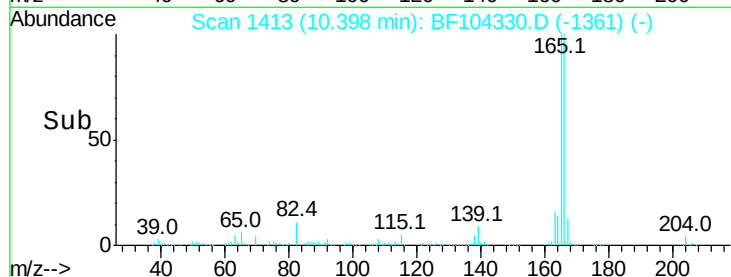
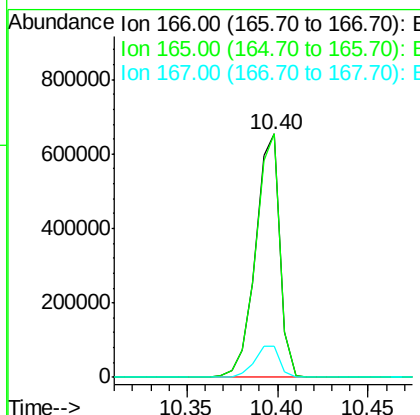
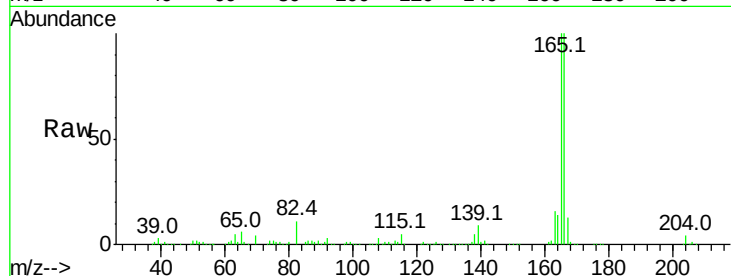




#57
Fluorene
 Concen: 38.332 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

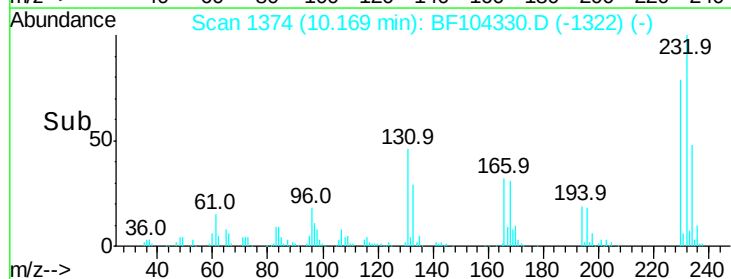
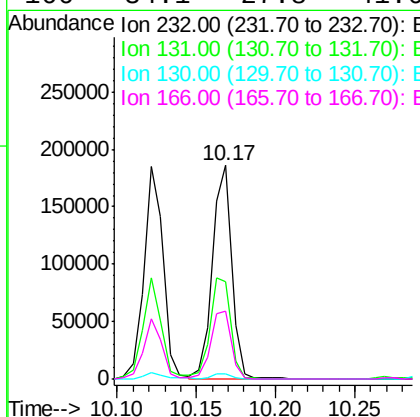
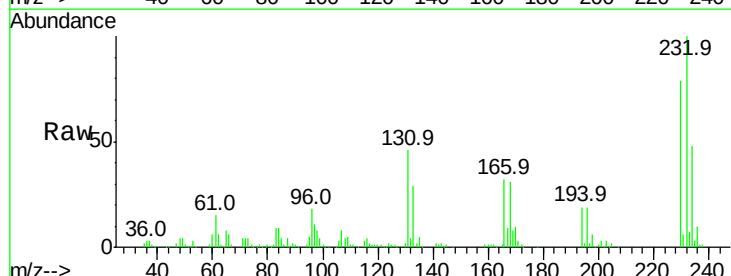
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

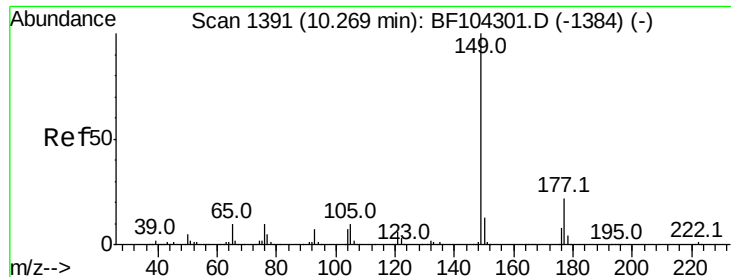
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	12.9	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.002 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.4	43.8	65.8
130	2.3	2.1	3.1
166	34.1	27.8	41.6

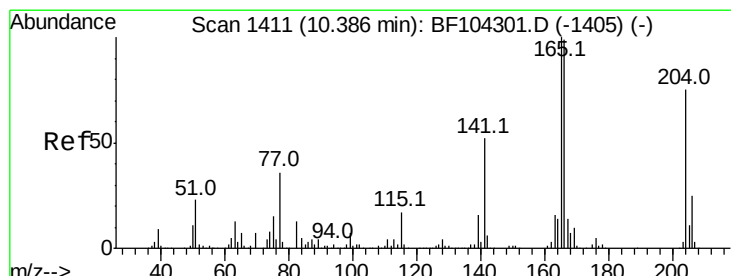
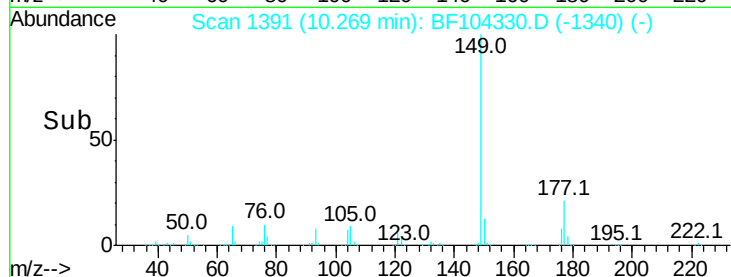
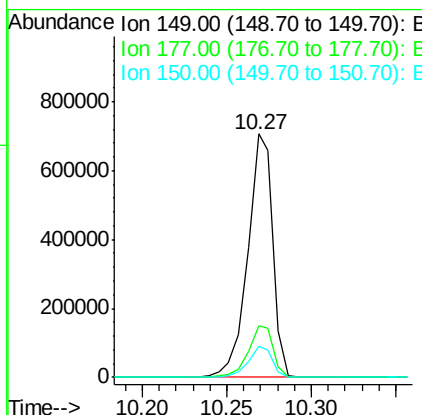
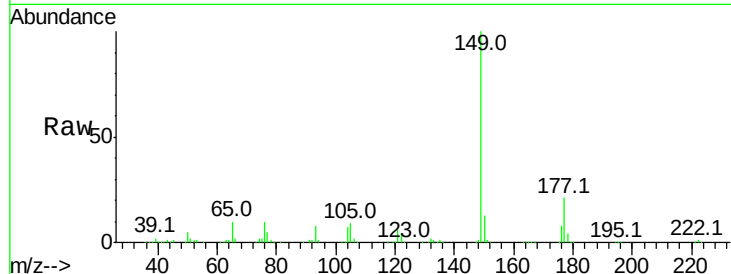




#59
Diethylphthalate
Concen: 37.773 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

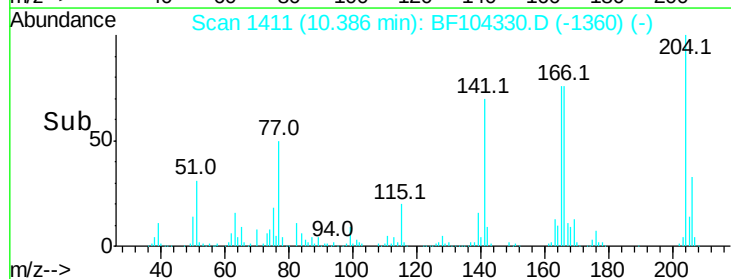
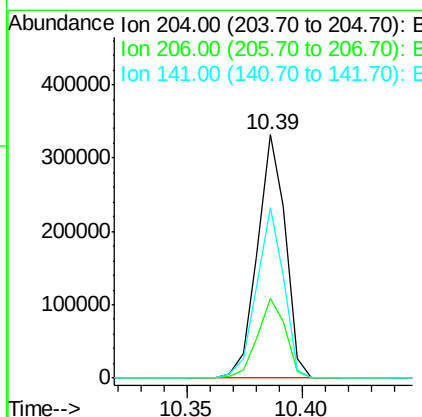
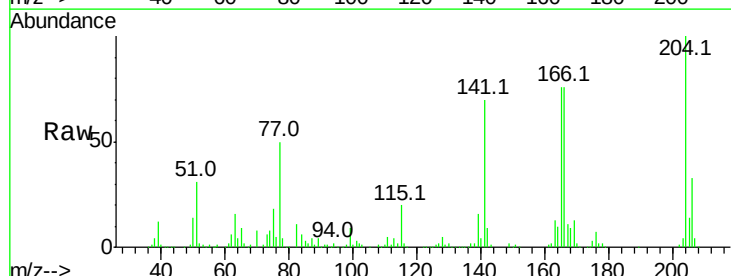
Instrument :
BNA_F
ClientSampleId :
PB108046BS

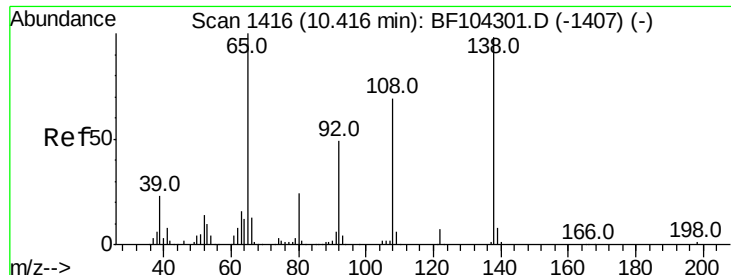
Tot Ion:149 Resp: 730859
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.896 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:204 Resp: 282039
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 70.1 54.6 81.8

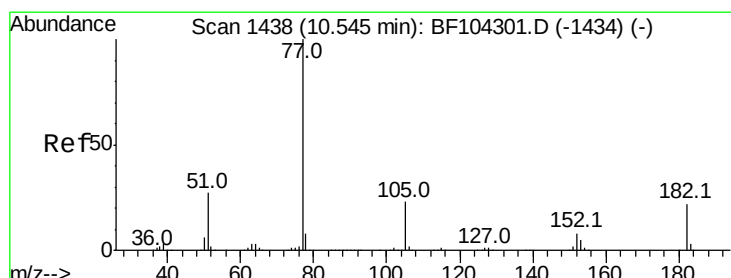
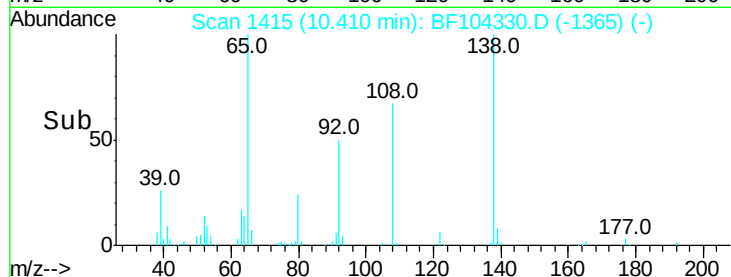
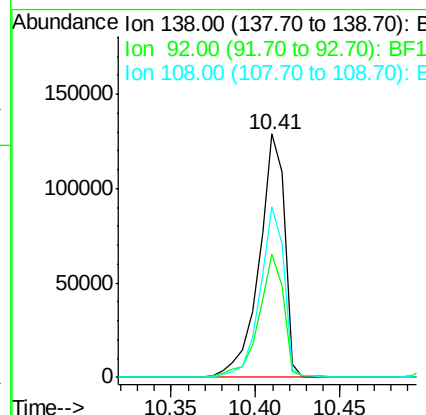
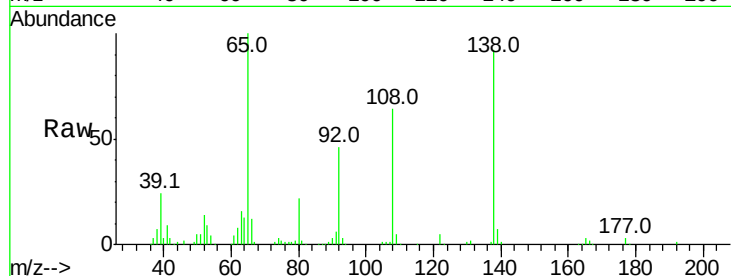




#61
4-Nitroaniline
Concen: 32.924 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

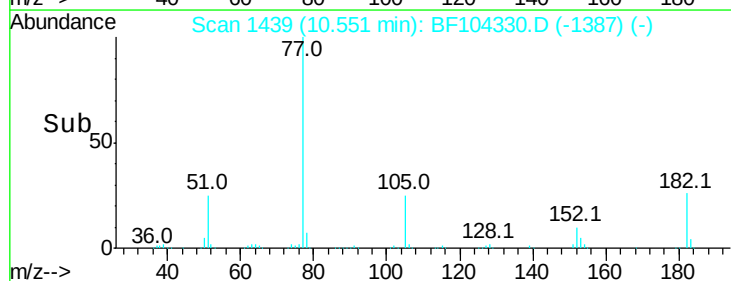
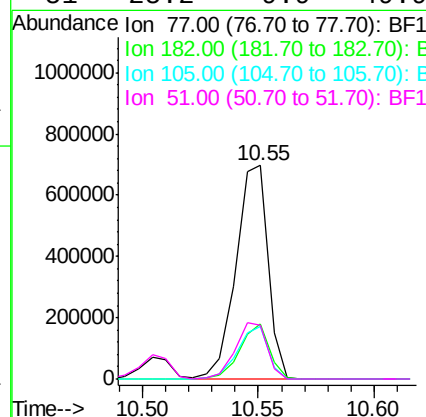
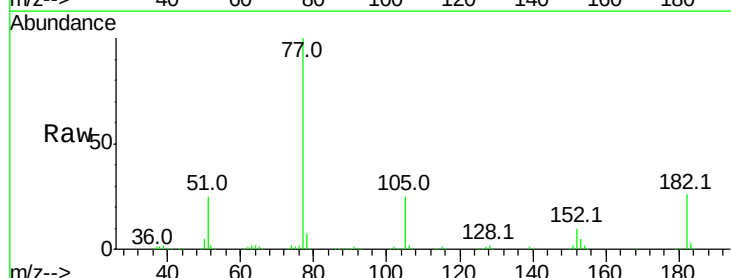
Instrument :
BNA_F
ClientSampleId :
PB108046BS

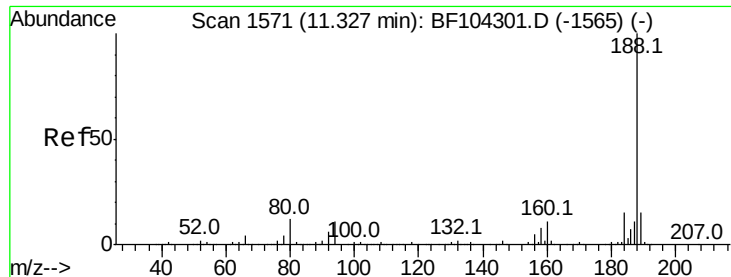
Tot Ion:138 Resp: 135483
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 36.631 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion: 77 Resp: 677136
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.7 3.0 43.0
51 25.2 9.9 49.9

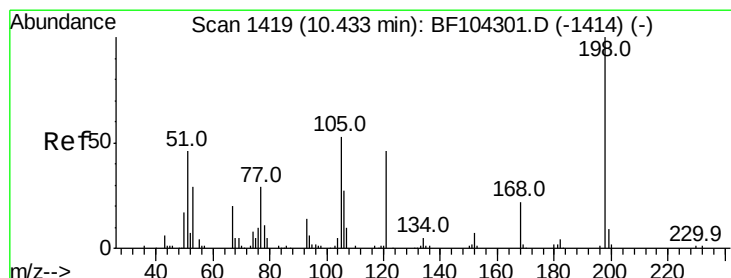
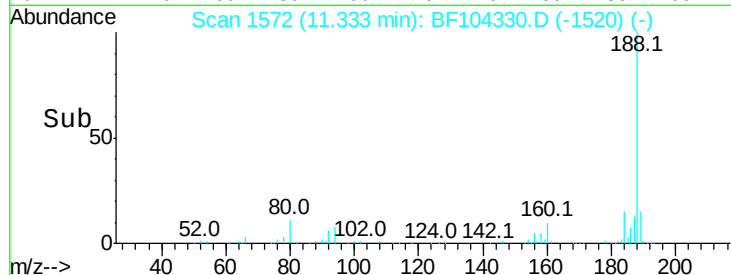
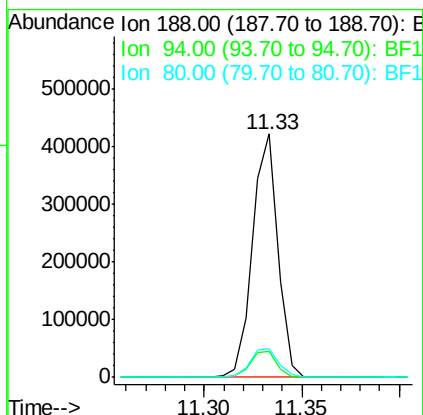
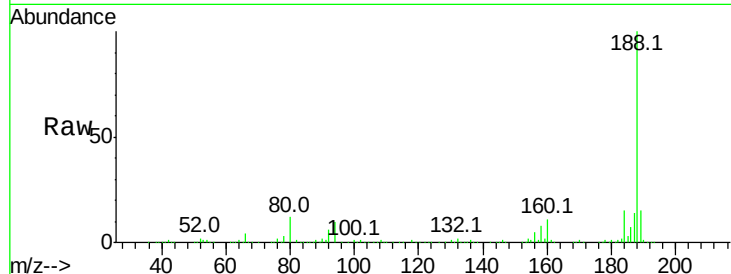




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

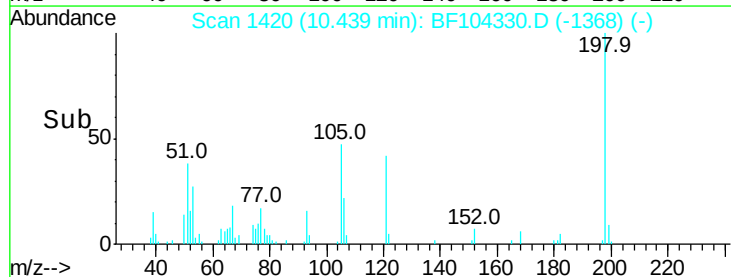
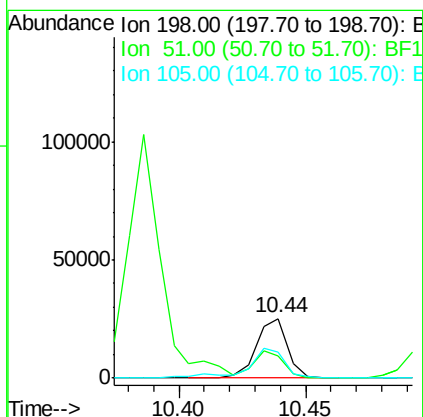
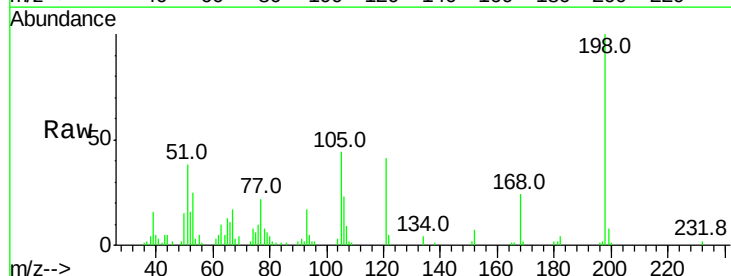
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

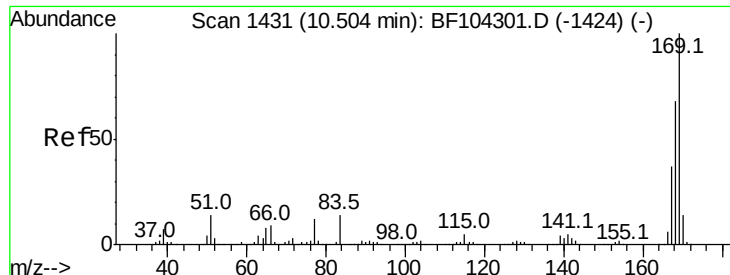
Tot Ion:188 Resp: 379131
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.304 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:198 Resp: 21708
 Ion Ratio Lower Upper
 198 100
 51 37.9 37.7 77.7
 105 43.9 36.3 76.3

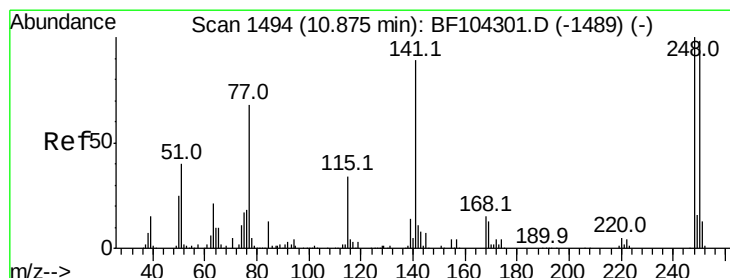
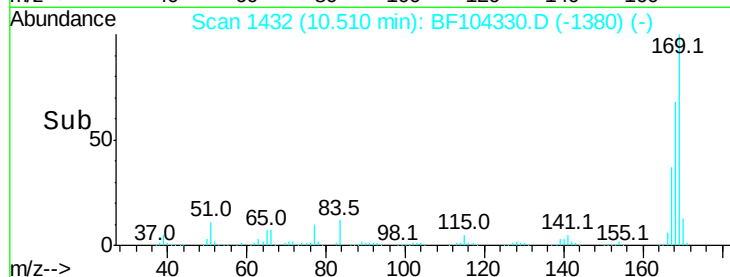
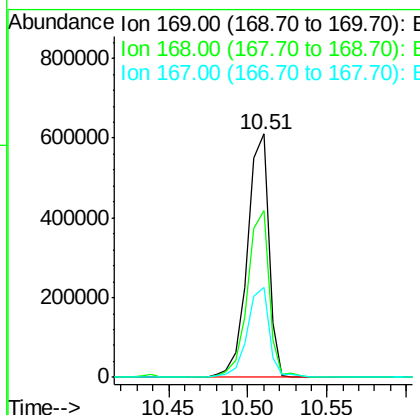
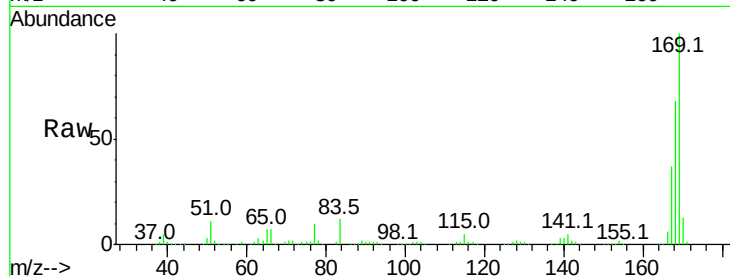




#65
 n-Nitrosodiphenylamine
 Concen: 43.540 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

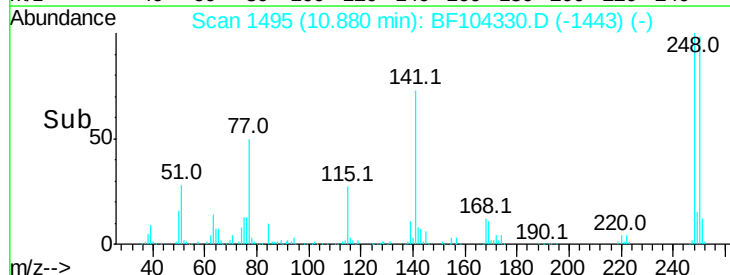
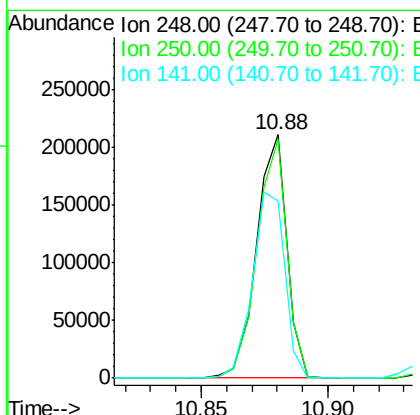
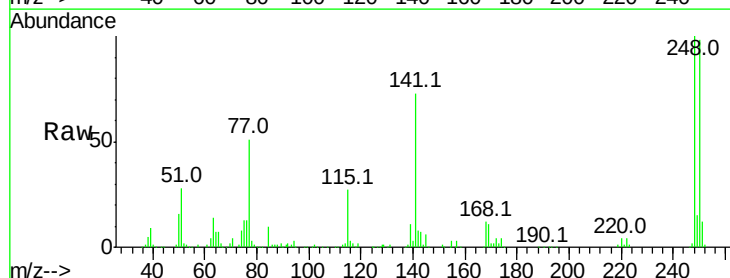
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

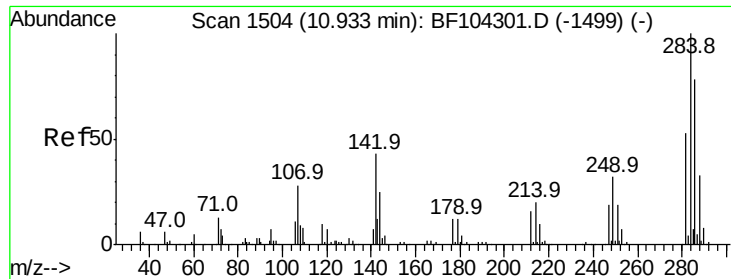
Tot Ion:169 Resp: 572351
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.589 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:248 Resp: 175784
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 72.6 74.4 111.6#





#67

Hexachlorobenzene

Concen: 39.148 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

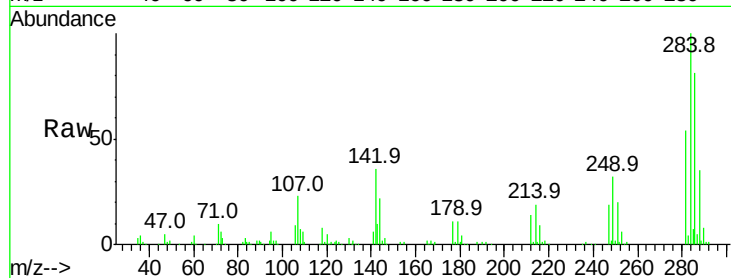
Tot Ion:284 Resp: 177642

Ion Ratio Lower Upper

284 100

142 36.5 34.6 52.0

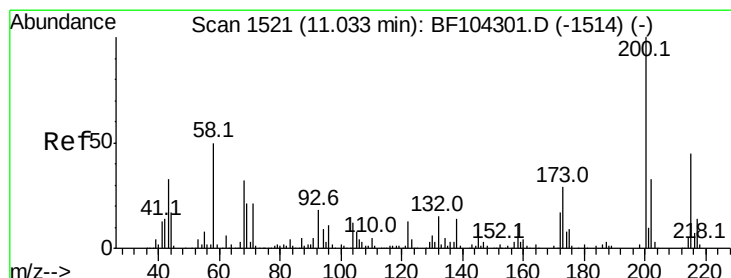
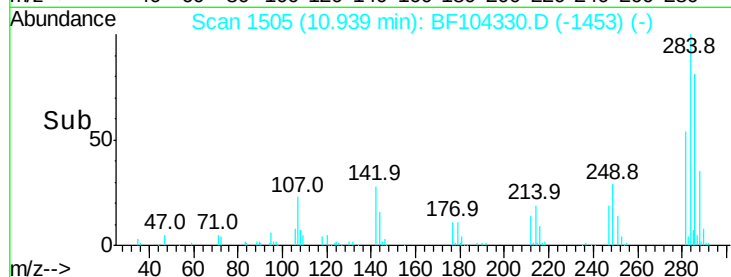
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.958 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

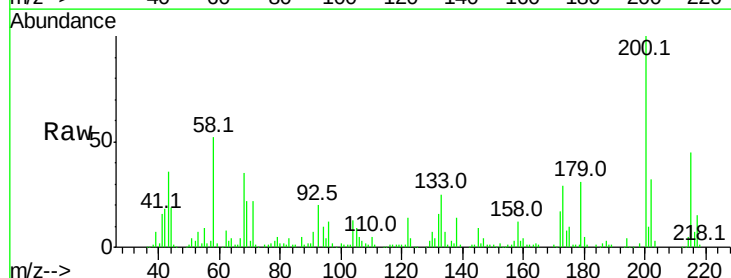
Tgt Ion:200 Resp: 178388

Ion Ratio Lower Upper

200 100

173 28.9 8.6 48.6

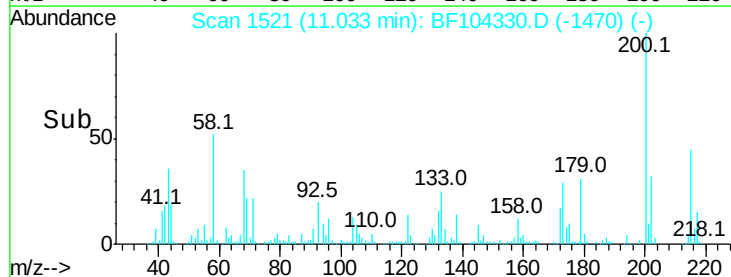
215 45.5 25.1 65.1

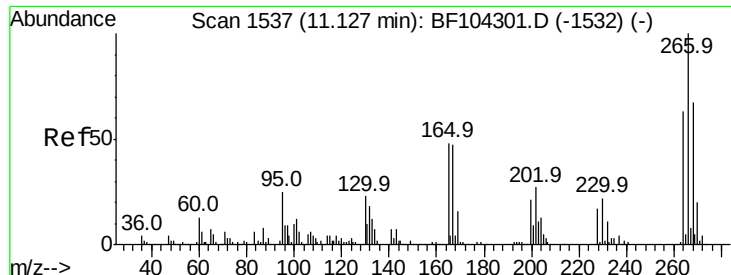


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.419 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

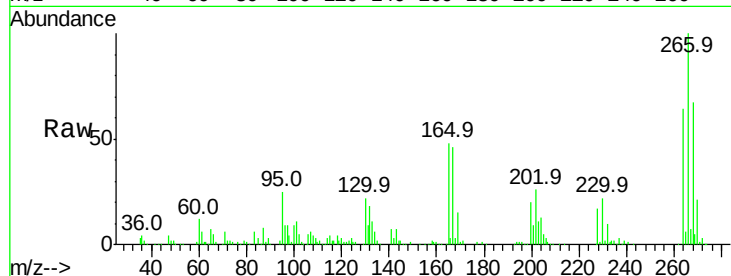
Tot Ion:266 Resp: 175225

Ion Ratio Lower Upper

266 100

268 66.9 51.1 76.7

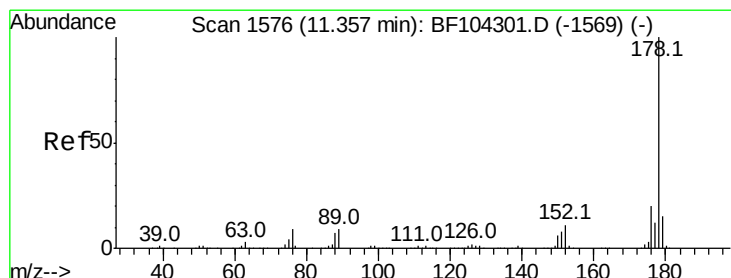
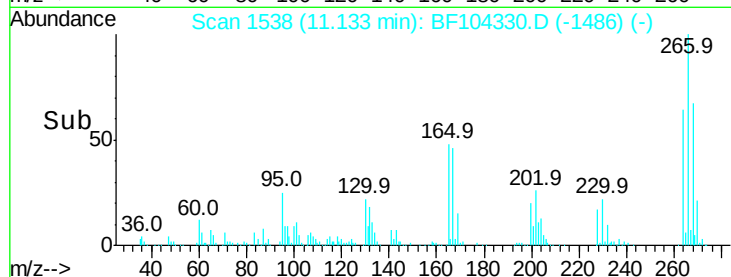
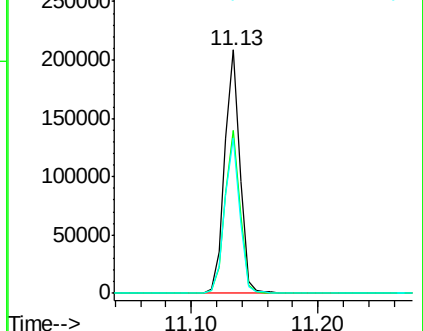
264 63.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.086 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

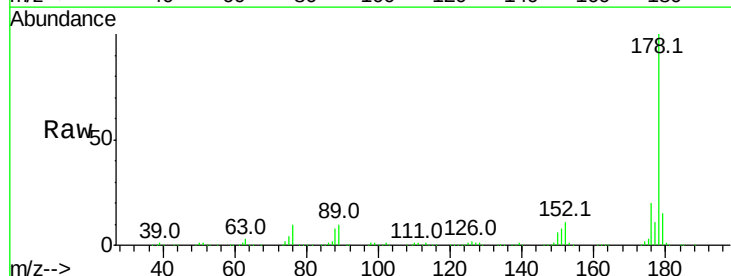
Tgt Ion:178 Resp: 804140

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

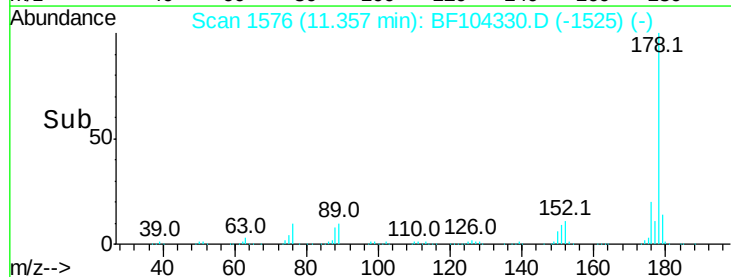
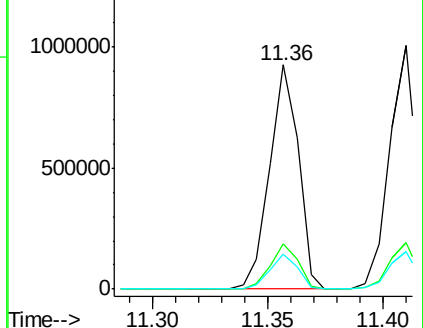
179 15.5 13.0 19.6

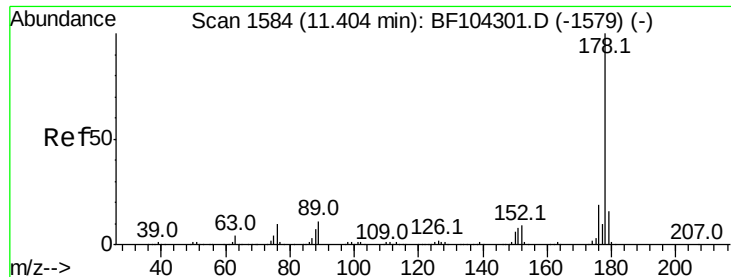


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

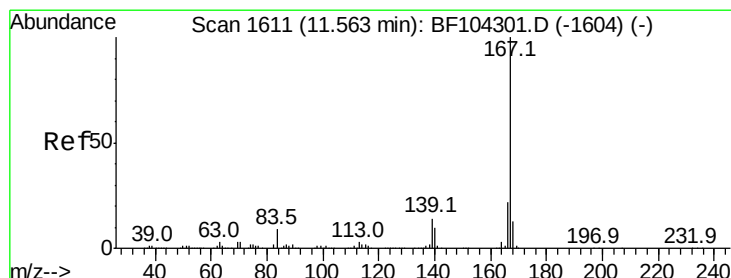
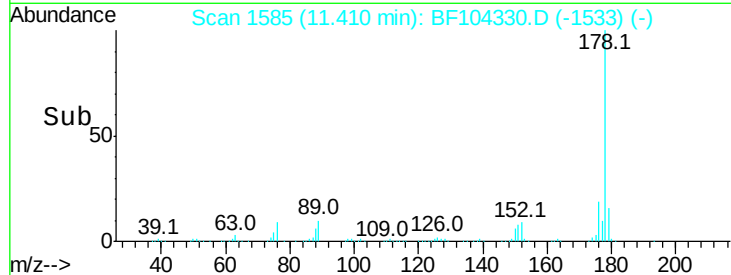
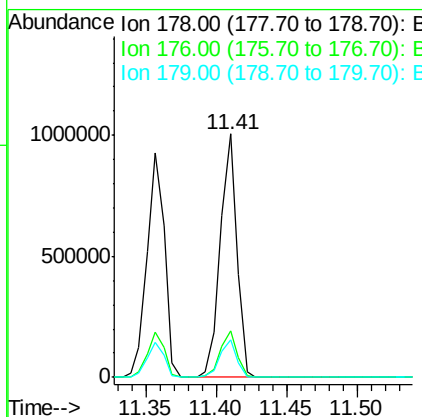
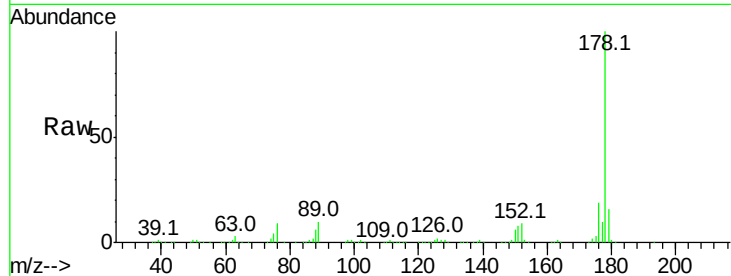




#71
 Anthracene
 Concen: 38.548 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

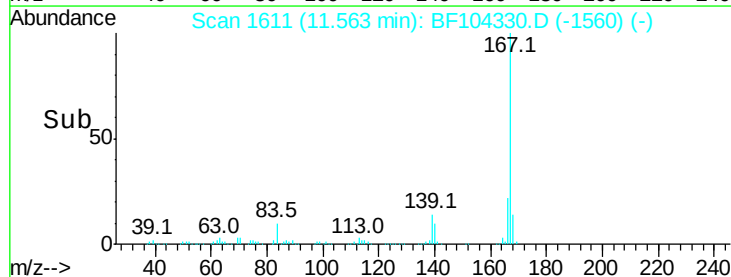
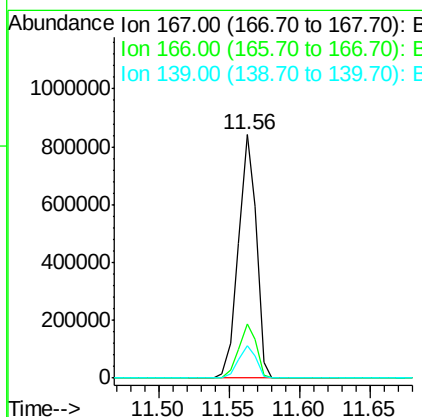
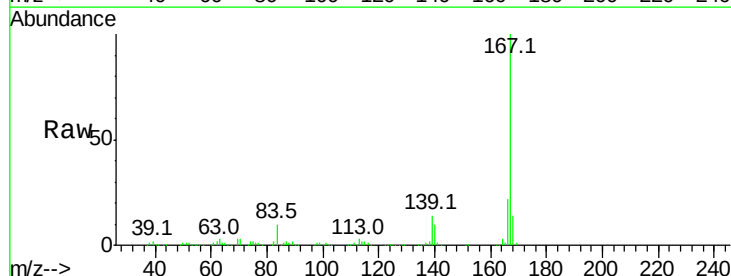
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

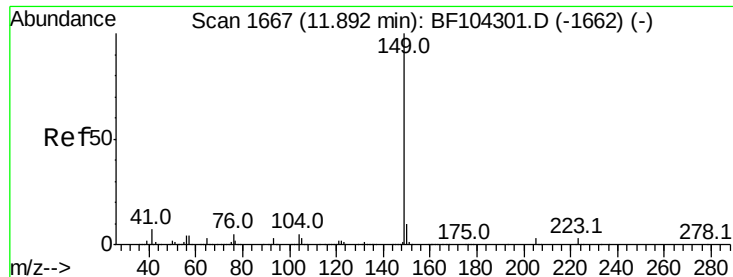
Tot Ion:178 Resp: 827315
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 35.257 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:167 Resp: 739421
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.987 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

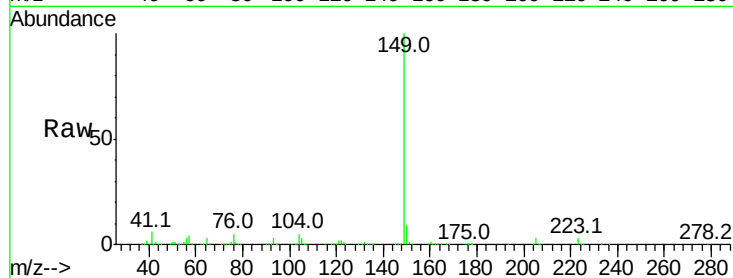
Tot Ion:149 Resp: 1024422

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

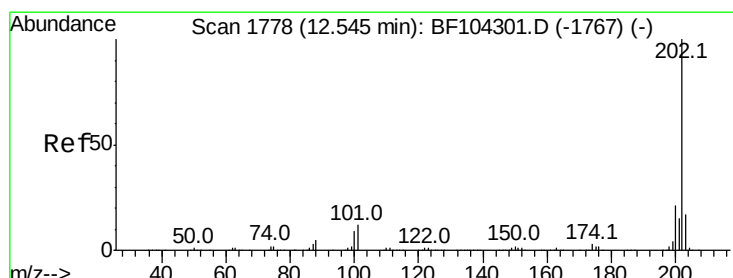
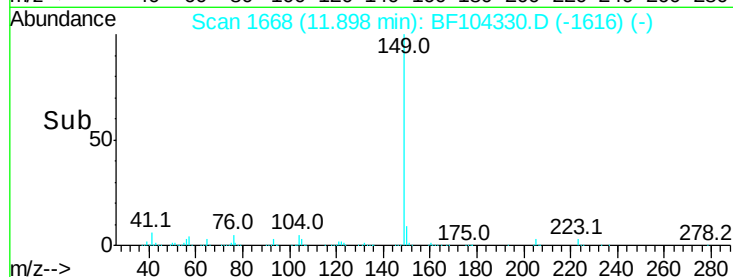
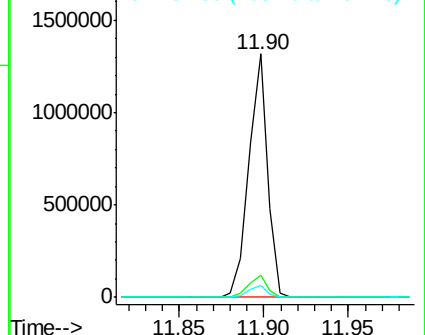
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.881 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

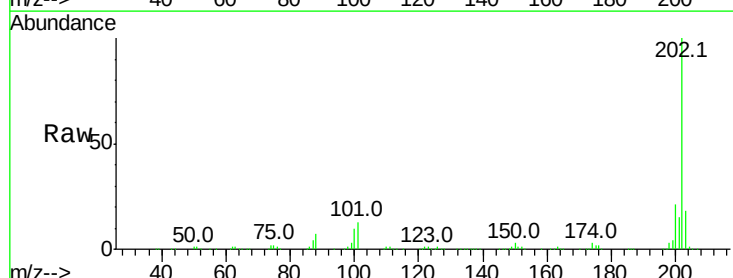
Tgt Ion:202 Resp: 703290

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

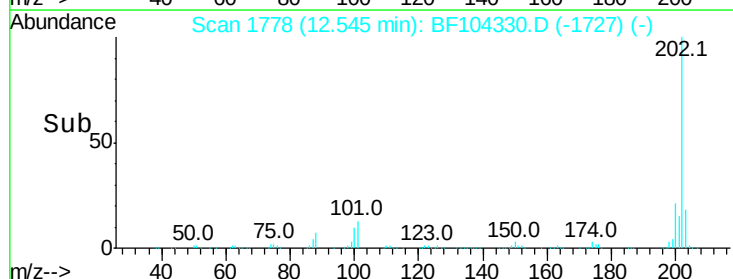
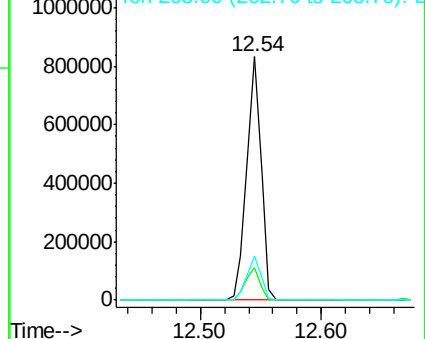
203 18.1 0.0 38.1

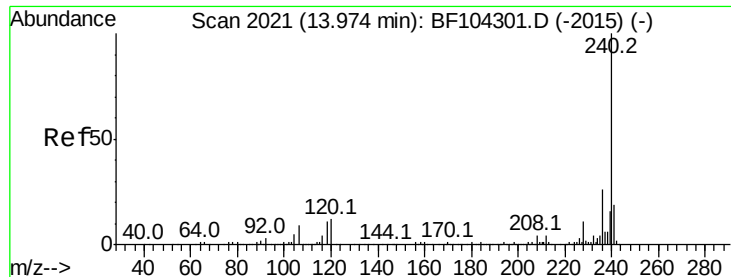


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

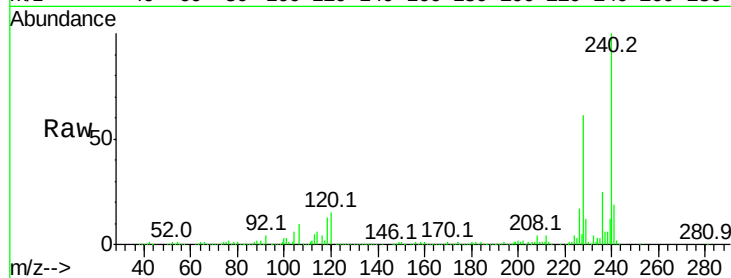
Tot Ion:240 Resp: 254299

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

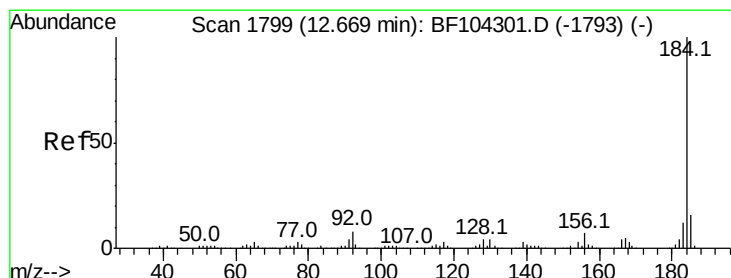
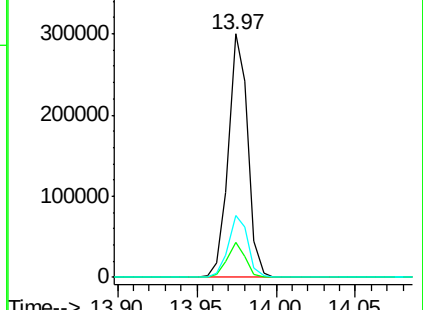
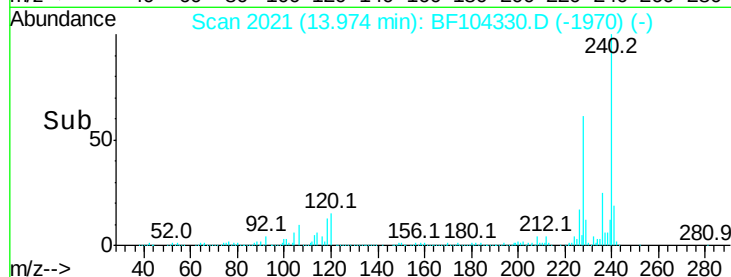
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 61.118 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

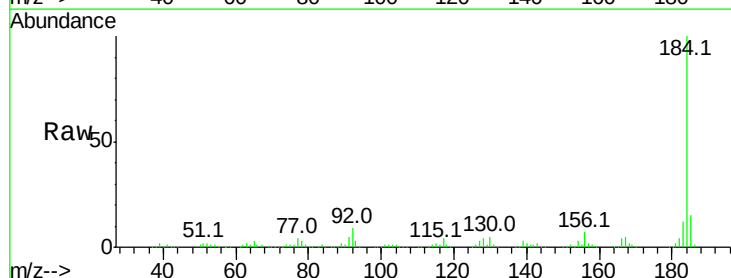
Tgt Ion:184 Resp: 457814

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

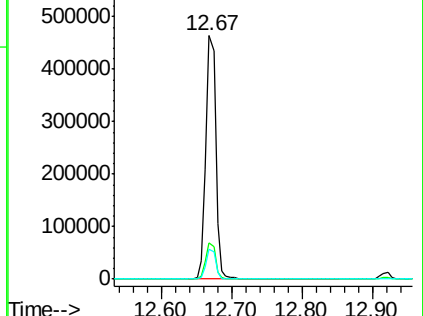
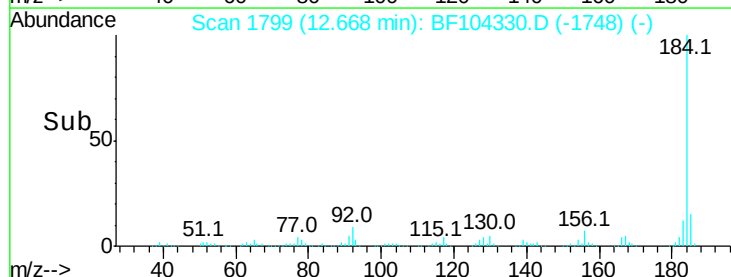
183 12.0 9.3 13.9

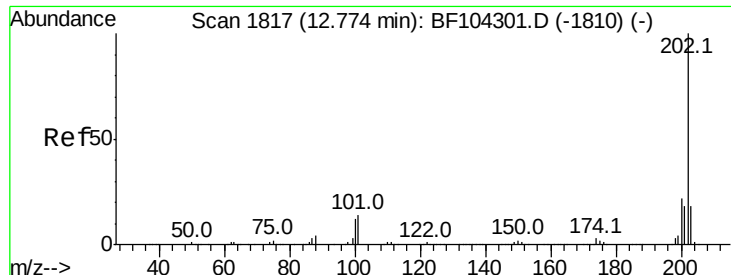


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.258 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

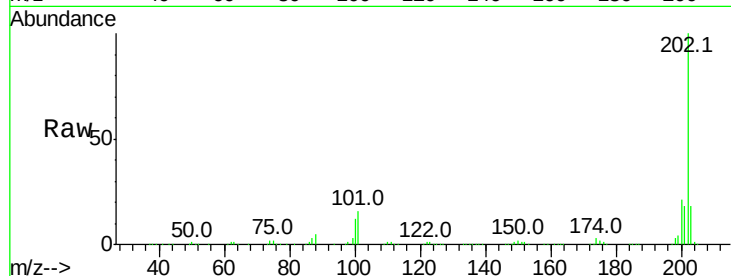
Tot Ion:202 Resp: 702292

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

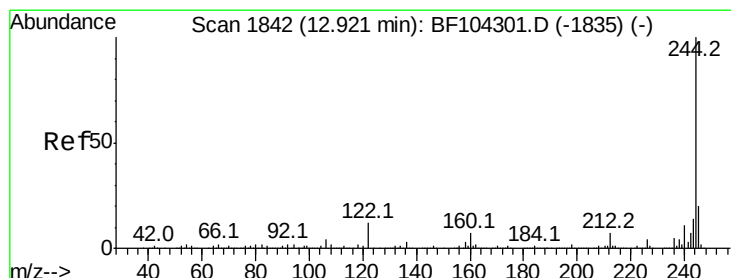
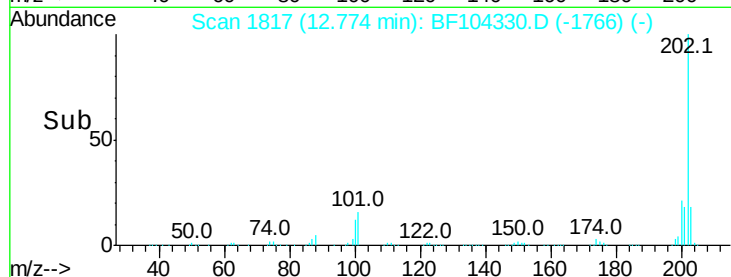
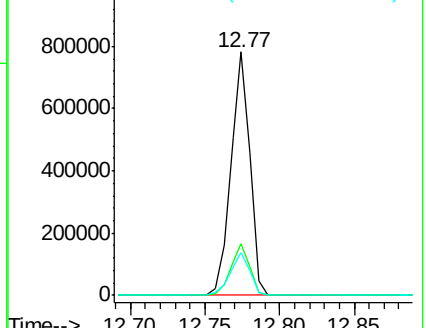
203 17.7 14.3 21.5



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: 82.316 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

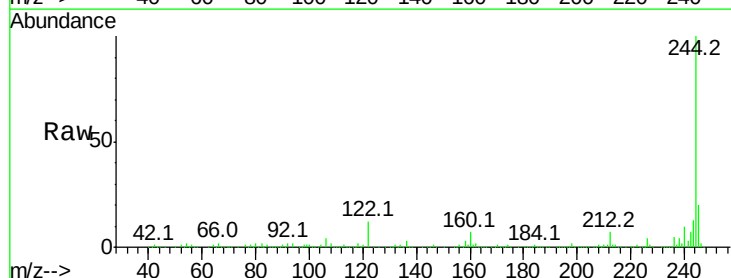
Tgt Ion:244 Resp: 918178

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

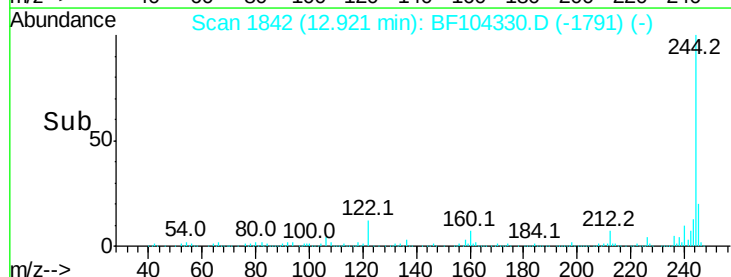
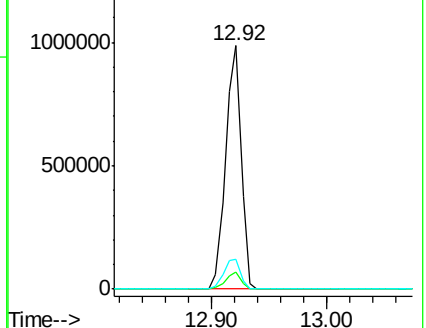
122 12.4 11.0 16.4

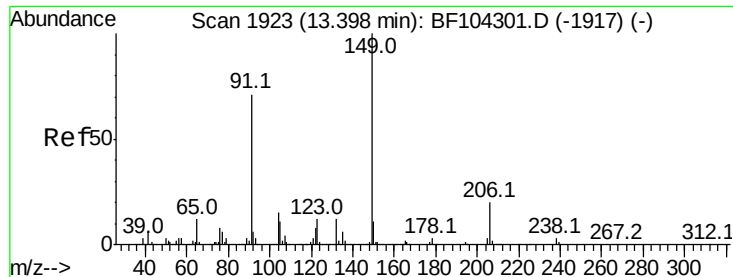


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

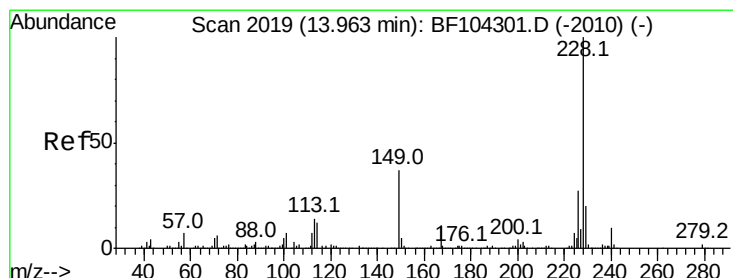
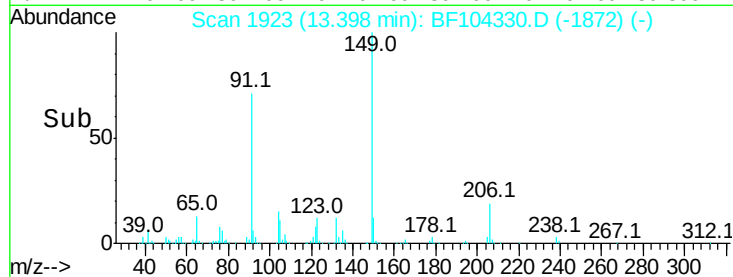
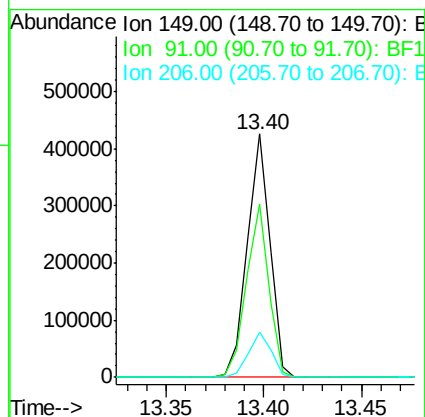
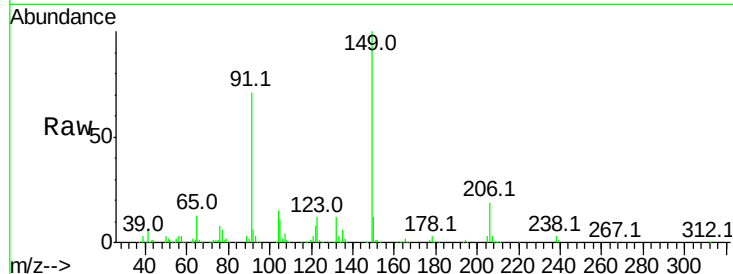




#79
Butylbenzylphthalate
Concen: 38.643 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

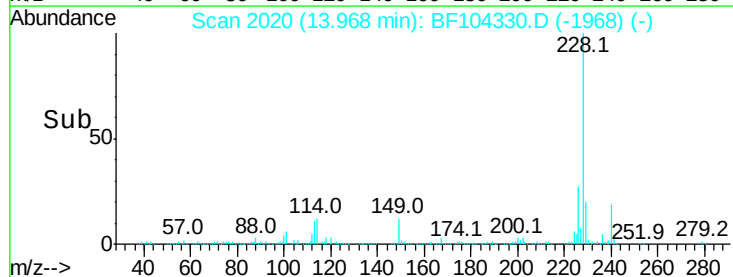
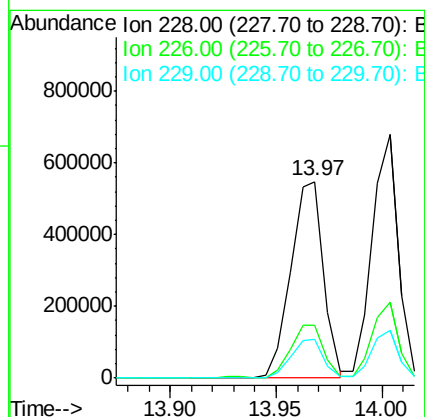
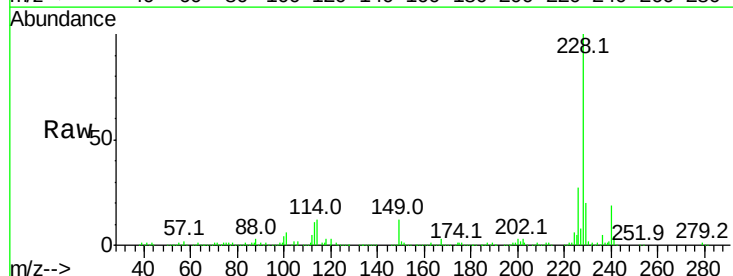
Instrument :
BNA_F
ClientSampleId :
PB108046BS

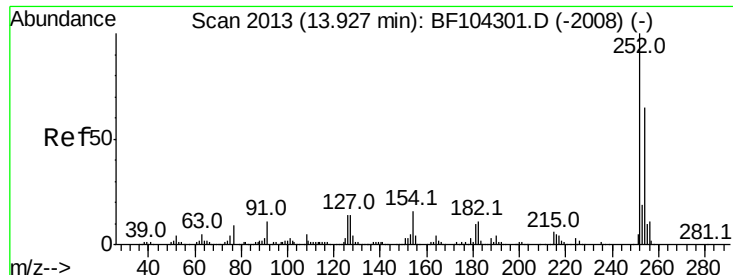
Tot Ion:149 Resp: 343161
Ion Ratio Lower Upper
149 100
91 71.2 56.8 85.2
206 18.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.778 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:228 Resp: 589121
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.6 15.8 23.6

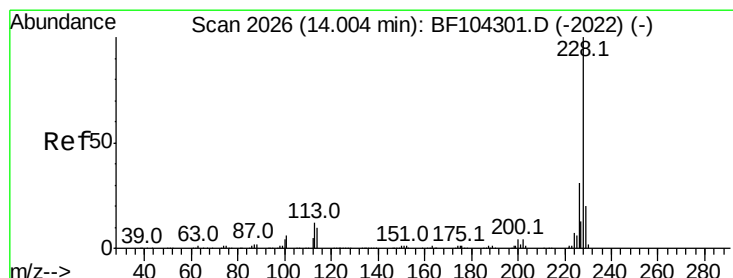
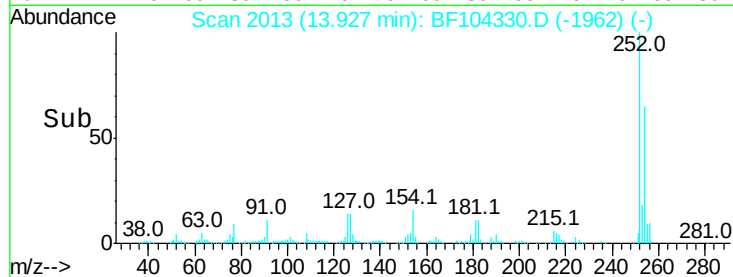
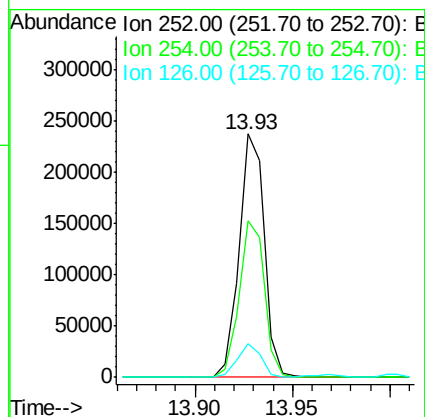
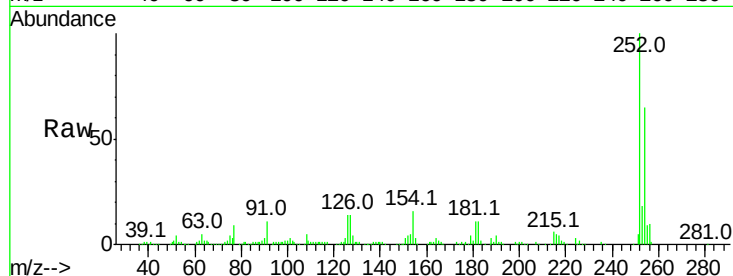




#81
 3,3'-Dichlorobenzidine
 Concen: 37.358 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

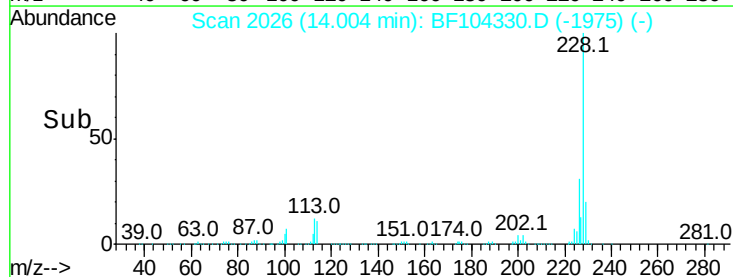
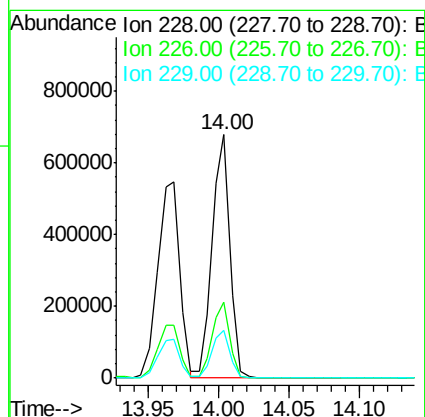
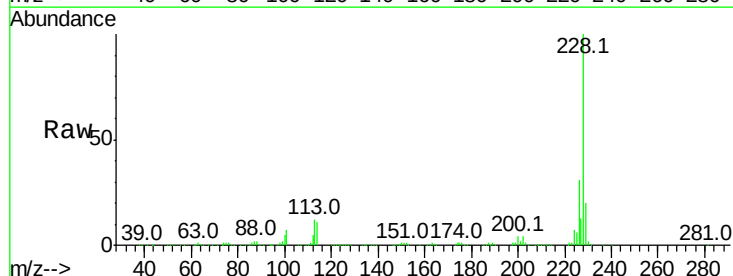
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

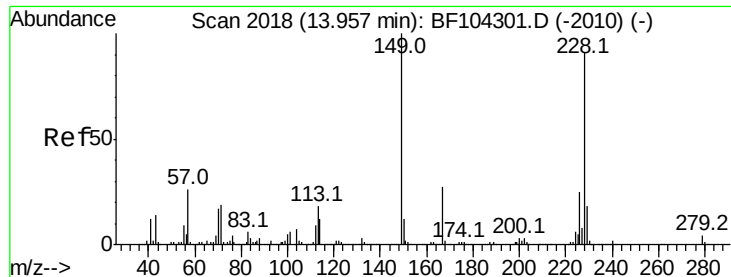
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.9	11.3	16.9



#82
 Chrysene
 Concen: 37.907 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4

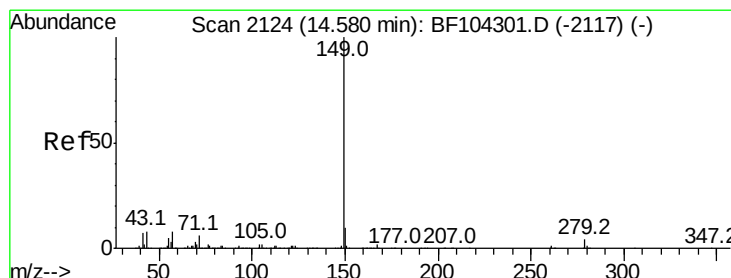
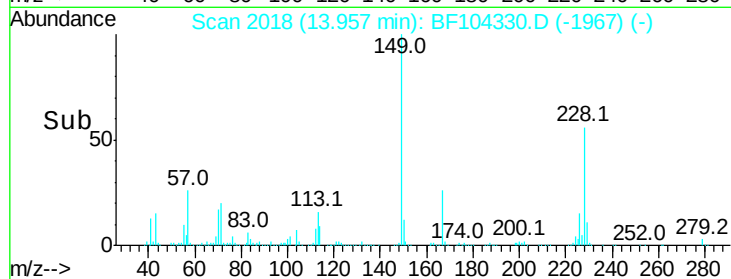
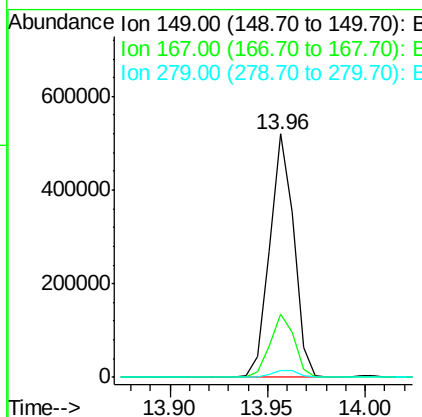
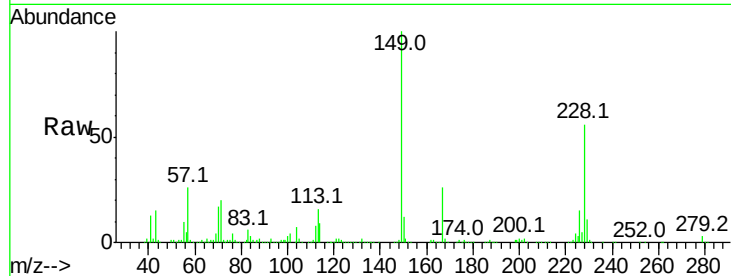




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.964 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

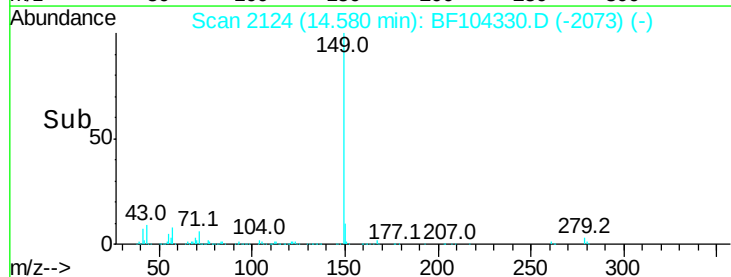
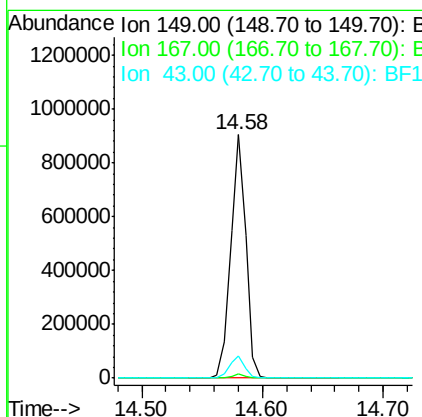
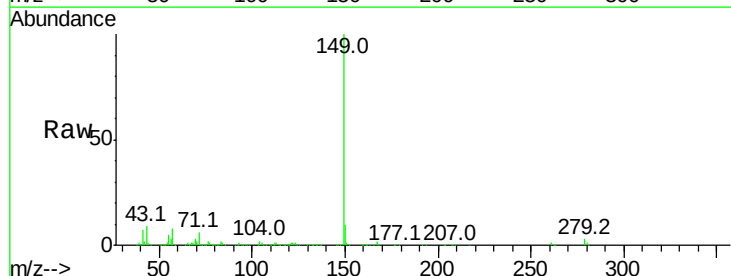
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

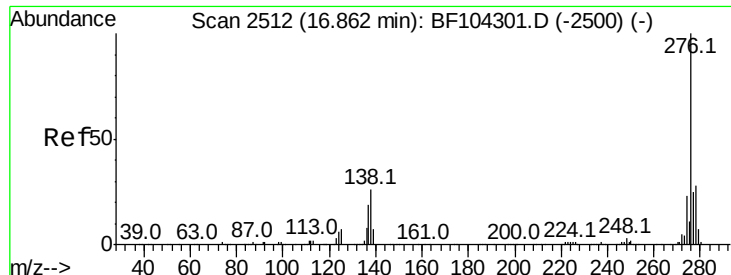
Tot Ion:	149	Resp:	445053
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.198 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:	149	Resp:	786282
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	8.4	12.6

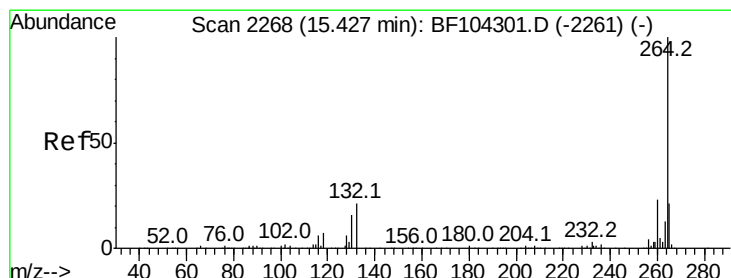
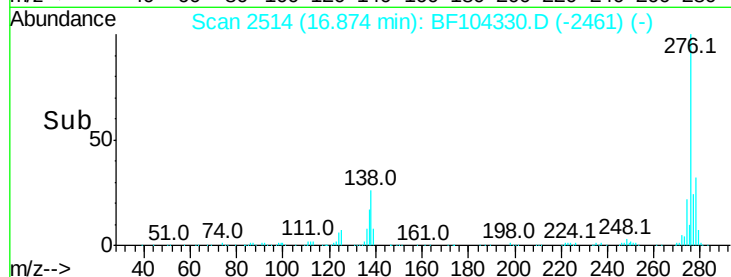
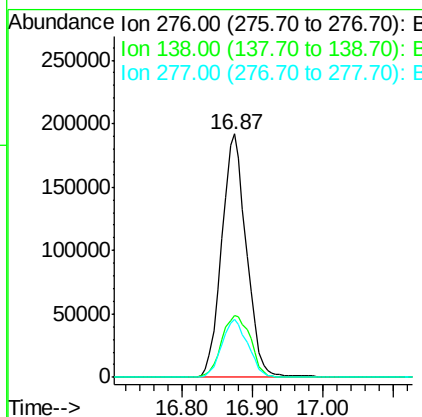
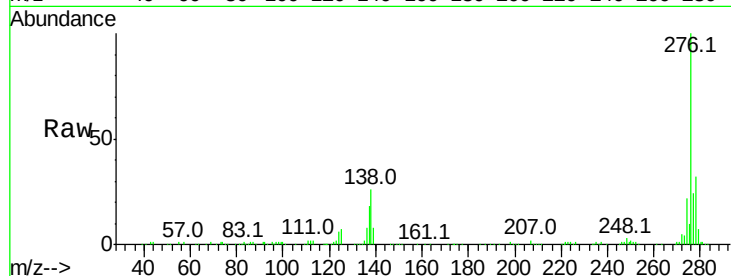




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.265 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

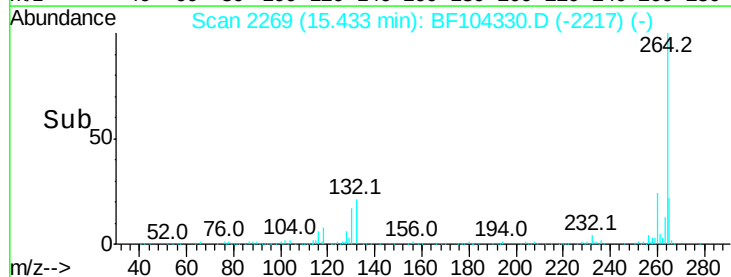
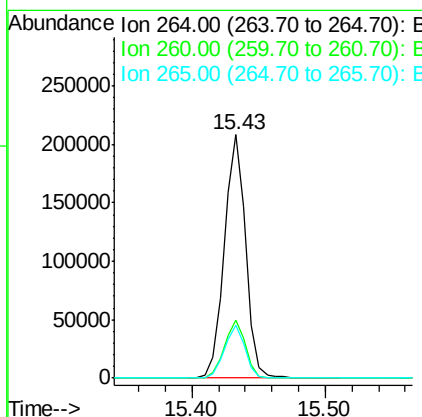
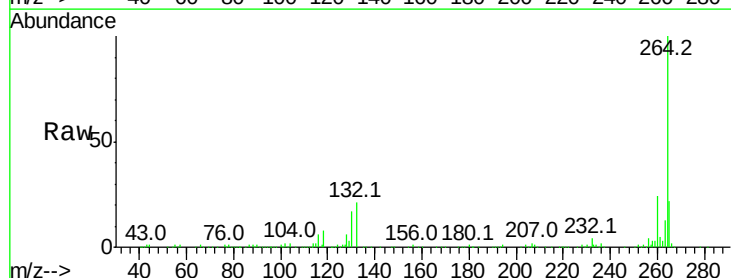
Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

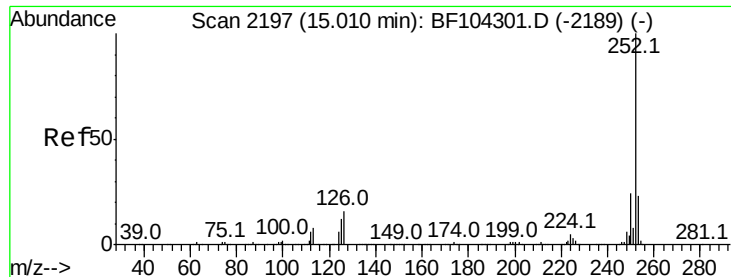
Tot Ion:276 Resp: 467470
 Ion Ratio Lower Upper
 276 100
 138 29.8 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:264 Resp: 233853
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.5 26.3

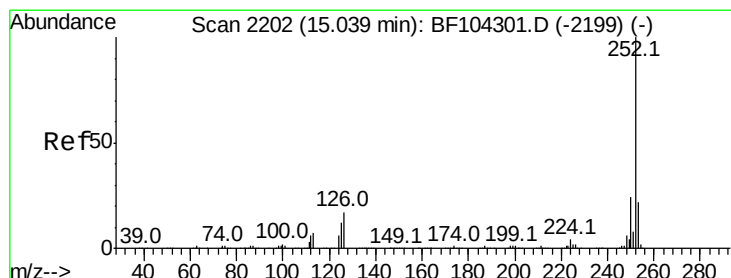
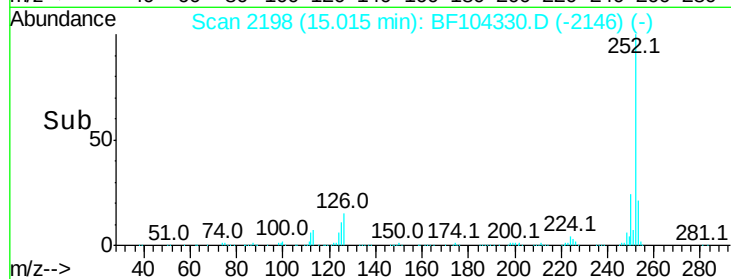
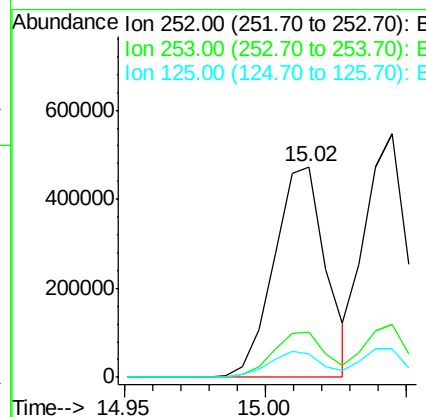
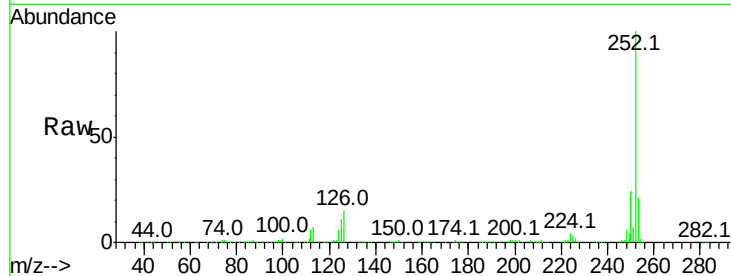




#87
Benzo(b)fluoranthene
Concen: 40.843 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

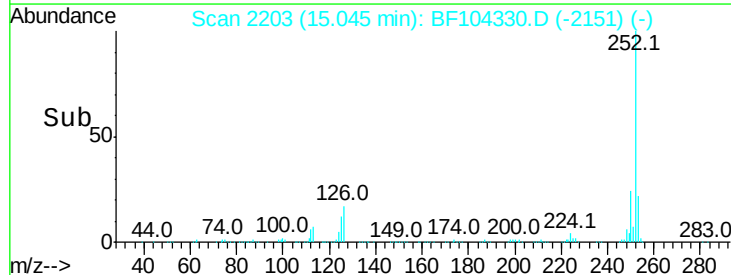
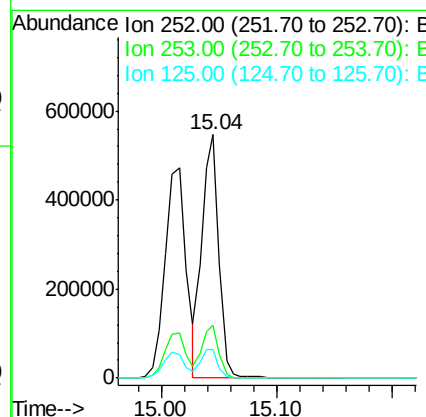
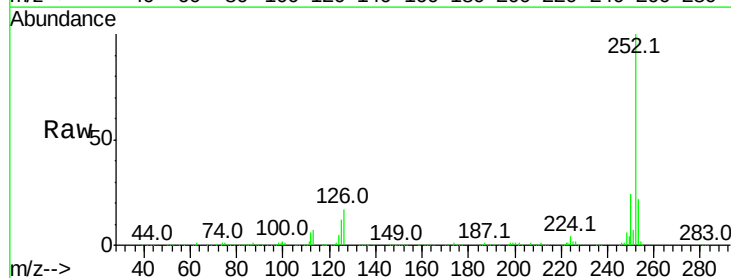
Instrument :
BNA_F
ClientSampleId :
PB108046BS

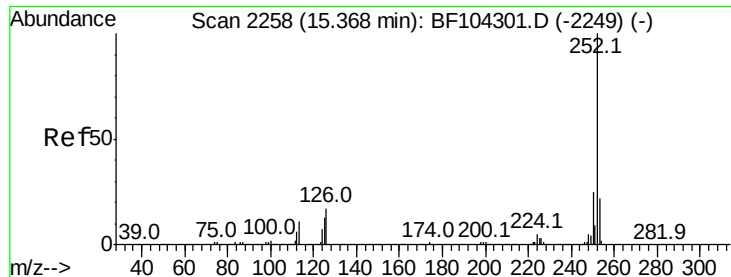
Tot Ion:252 Resp: 603240
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.357 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:252 Resp: 562743
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.862 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

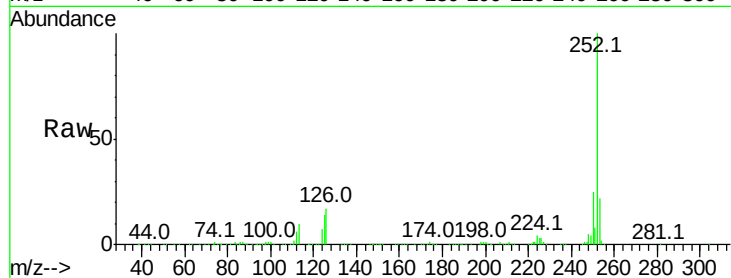
Tot Ion:252 Resp: 526789

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

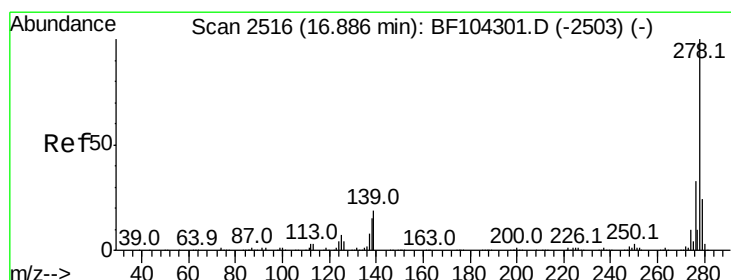
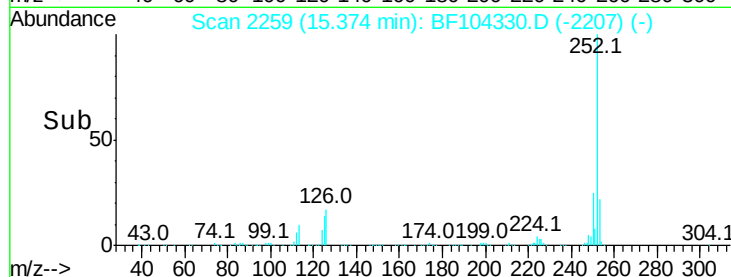
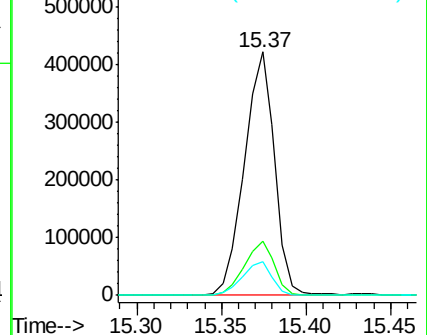
125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.672 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

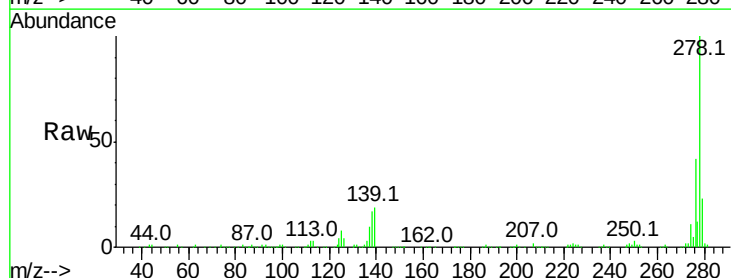
Tgt Ion:278 Resp: 398023

Ion Ratio Lower Upper

278 100

139 18.7 15.9 23.9

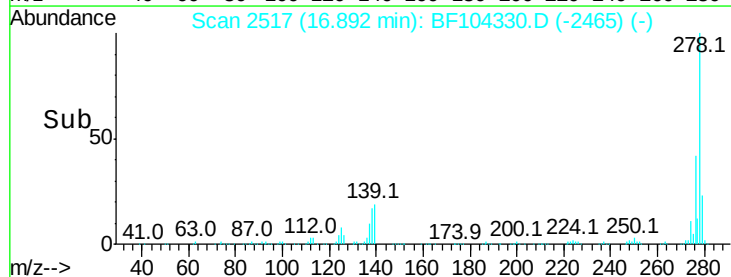
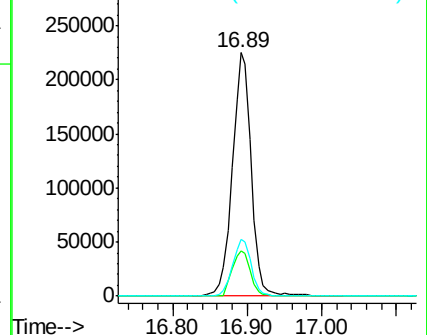
279 23.3 19.0 28.4

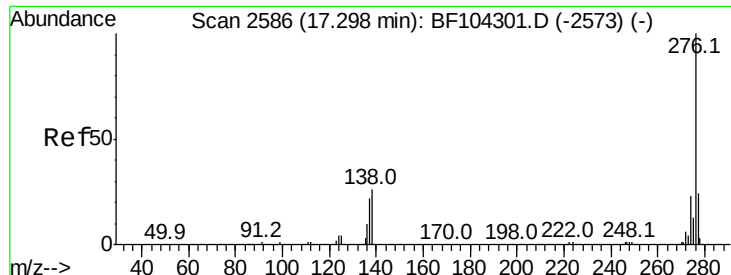


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.474 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

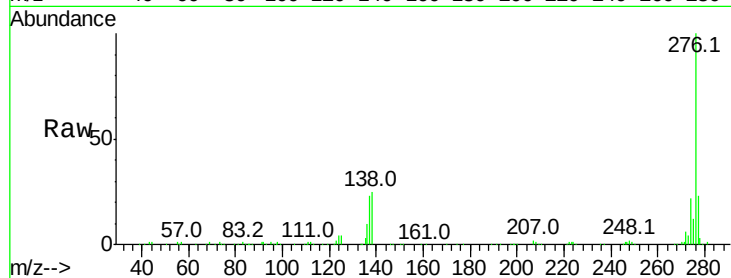
Tot Ion:276 Resp: 362508

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.3 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

