

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104946.D
 Acq On : 30 Apr 2018 21:14
 Operator : JU/SJ
 Sample : J2597-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:38:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130541	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	541250	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	238809	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379199	20.00	ng	0.00
75) Chrysene-d12	13.97	240	244421	20.00	ng	0.00
86) Perylene-d12	15.43	264	214718	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	904472	105.94	ng	0.03
7) Phenol-d6	6.45	99	1044991	99.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	751854	90.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	268326	108.32	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1307247	86.48	ng	0.00
78) Terphenyl-d14	12.91	244	973448	90.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	121910	30.65	ng	# 74
3) Pyridine	3.41	79	241972	21.63	ng	85
4) n-Nitrosodimethylamine	3.37	42	137407	35.15	ng	80
6) Aniline	6.46	93	151177	10.37	ng	# 50
8) 2-Chlorophenol	6.59	128	355594	39.46	ng	92
9) Benzaldehyde	6.35	77	42762	5.19	ng	99
10) Phenol	6.46	94	362998	32.61	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	338616	38.13	ng	94
12) 1,3-Dichlorobenzene	6.73	146	382630	37.48	ng	99
13) 1,4-Dichlorobenzene	6.81	146	390055	38.33	ng	99
14) 1,2-Dichlorobenzene	6.96	146	357006	37.86	ng	99
15) Benzyl Alcohol	6.95	79	277367	34.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	383590	32.16	ng	62
17) 2-Methylphenol	7.06	107	283942	36.25	ng	# 91
18) Hexachloroethane	7.30	117	136605	37.65	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230510	33.63	ng	89
20) 3+4-Methylphenols	7.21	107	345851	35.60	ng	# 64
22) Acetophenone	7.20	105	486988	36.55	ng	99
24) Nitrobenzene	7.38	77	365790	39.97	ng	97
25) Isophorone	7.62	82	662066	37.77	ng	97
26) 2-Nitrophenol	7.70	139	195834	52.56	ng	91
27) 2,4-Dimethylphenol	7.74	122	312092	40.34	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	428967	40.03	ng	99
29) 2,4-Dichlorophenol	7.94	162	296616	40.19	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	315937	39.00	ng	98
31) Naphthalene	8.10	128	1041600	38.65	ng	99
32) Benzoic acid	7.88	122	186829	30.27	ng	97
33) 4-Chloroaniline	8.15	127	90787	7.86	ng	96
34) Hexachlorobutadiene	8.20	225	172166	38.80	ng	98
35) Caprolactam	8.53	113	46010	17.87	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	302730	38.25	ng	99
37) 2-Methylnaphthalene	8.79	142	676245	38.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	291298	42.61	ng	99
40) Hexachlorocyclopentadiene	8.93	237	103055	26.93	ng	97

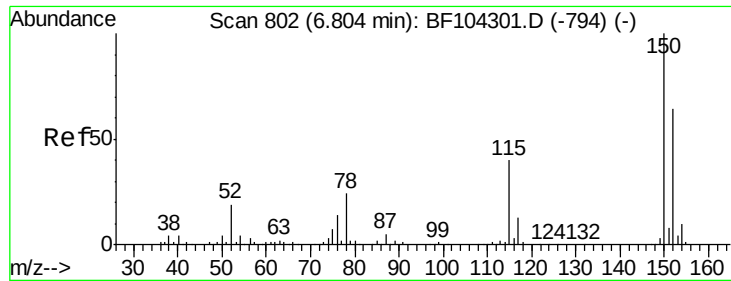
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104946.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	193019	40.67	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	197453	37.18	nq	98
45) 1,1'-Biphenyl	9.26	154	788729	39.32	nq	98
46) 2-Chloronaphthalene	9.28	162	620785	39.18	nq	99
47) 2-Nitroaniline	9.39	65	176943	45.15	nq	92
48) Acenaphthylene	9.70	152	897933	36.12	nq	99
49) Dimethylphthalate	9.56	163	744338	39.53	nq	100
50) 2,6-Dinitrotoluene	9.63	165	157274	45.13	nq	94
51) Acenaphthene	9.87	154	528654	34.85	nq	98
52) 3-Nitroaniline	9.80	138	104838	25.70	nq	94
53) 2,4-Dinitrophenol	9.91	184	37187	36.32	nq	# 22
54) Dibenzofuran	10.04	168	778414	36.82	nq	96
55) 4-Nitrophenol	9.97	139	170660	53.26	nq	98
56) 2,4-Dinitrotoluene	10.03	165	184737	40.42	nq	90
57) Fluorene	10.39	166	611205	39.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147734	37.29	nq	94
59) Diethylphthalate	10.26	149	697316	37.18	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	290407	42.38	nq	97
61) 4-Nitroaniline	10.42	138	147858	37.07	nq	97
62) Azobenzene	10.53	77	608773	33.97	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	32178	22.10	nq	81
65) n-Nitrosodiphenylamine	10.50	169	548085	41.69	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	174893	43.36	nq	95
67) Hexachlorobenzene	10.93	284	185512	40.88	nq	# 89
68) Atrazine	11.03	200	159975	40.31	nq	100
69) Pentachlorophenol	11.13	266	155685	55.45	nq	95
70) Phenanthrene	11.35	178	802415	38.00	nq	99
71) Anthracene	11.40	178	830845	38.71	nq	99
72) Carbazole	11.56	167	718780	34.27	nq	100
73) Di-n-butylphthalate	11.88	149	980503	38.27	nq	99
74) Fluoranthene	12.54	202	725764	32.89	nq	97
77) Pyrene	12.77	202	717506	39.60	nq	99
79) Butylbenzylphthalate	13.38	149	352317	41.28	nq	97
80) Benzo(a)anthracene	13.96	228	610146	41.79	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	161810	29.72	nq	98
82) Chrysene	14.00	228	566518	37.77	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	490470	44.68	nq	99
84) Di-n-octyl phthalate	14.55	149	783031	42.69	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	463692	36.39	nq	96
87) Benzo(b)fluoranthene	15.01	252	526647	38.83	nq	98
88) Benzo(k)fluoranthene	15.04	252	531359	41.50	nq	99
89) Benzo(a)pyrene	15.37	252	485115	39.98	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	390730	39.21	nq	98
91) Benzo(g,h,i)perylene	17.34	276	378898	39.24	nq	# 94

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

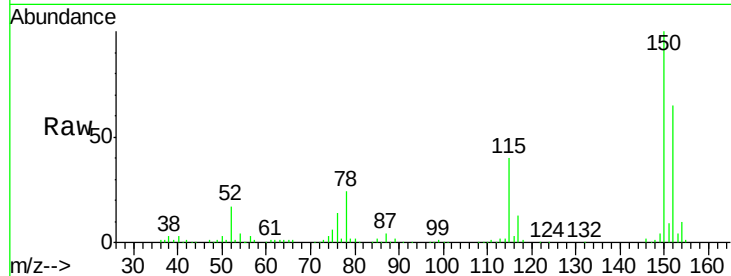


#1

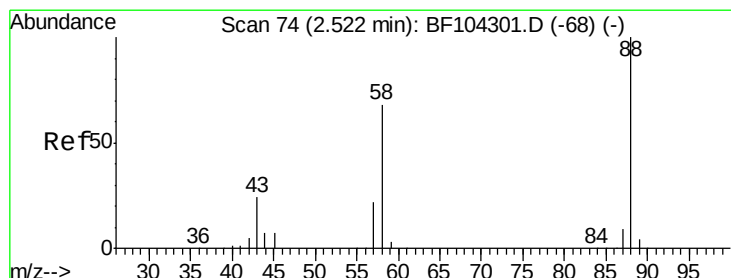
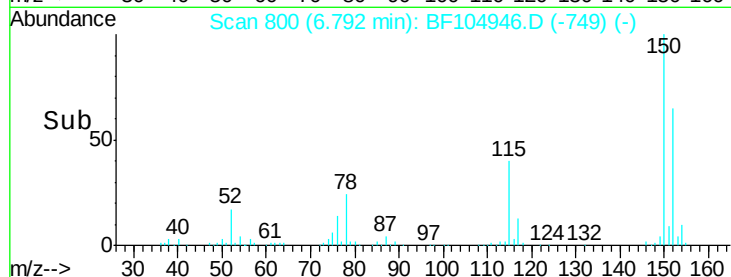
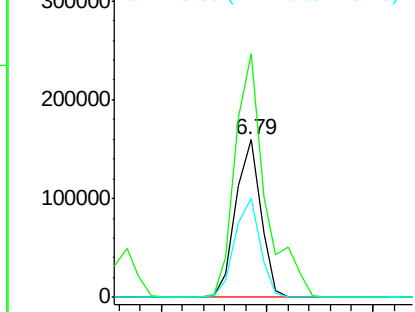
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130541
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.3 50.1 75.1



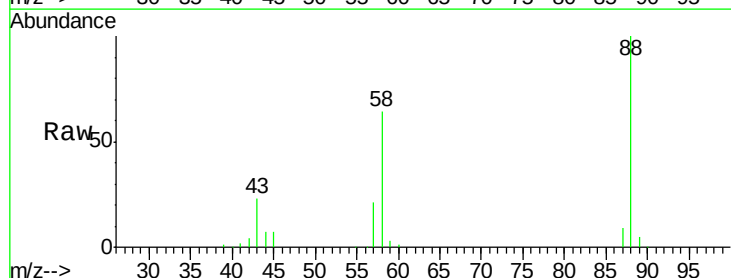
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



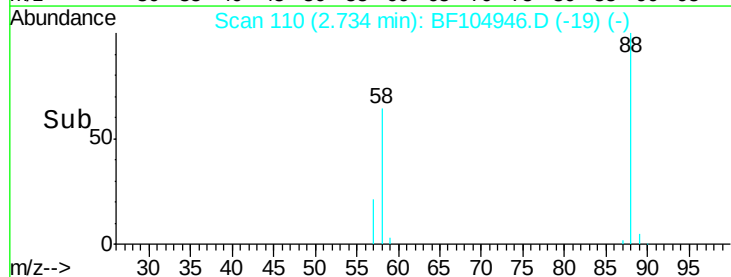
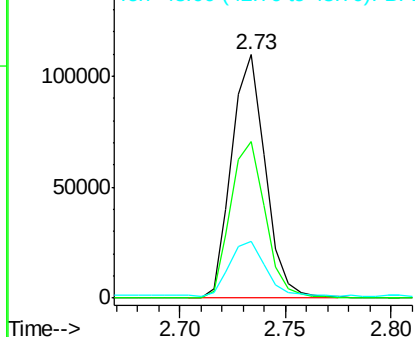
#2

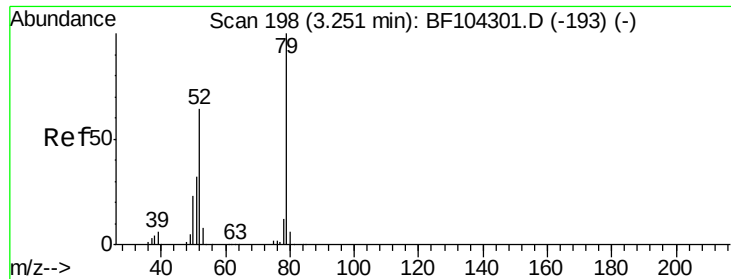
1,4-Dioxane
Concen: 30.65 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.24 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion: 88 Resp: 121910
Ion Ratio Lower Upper
88 100
58 66.1 62.6 93.8
43 0.0 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: 21.63 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.18 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampled :

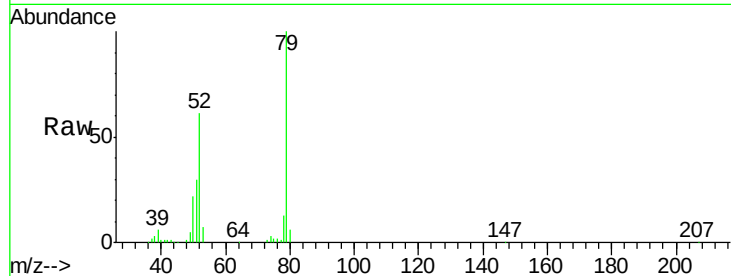
Tot Ion: 79 Resp: 241972

Ion Ratio Lower Upper

79 100

52 61.2 59.8 89.6

51 30.2 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

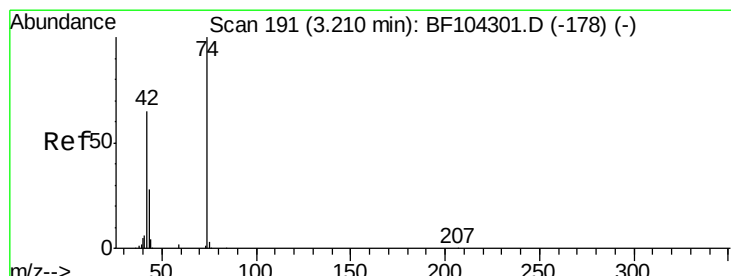
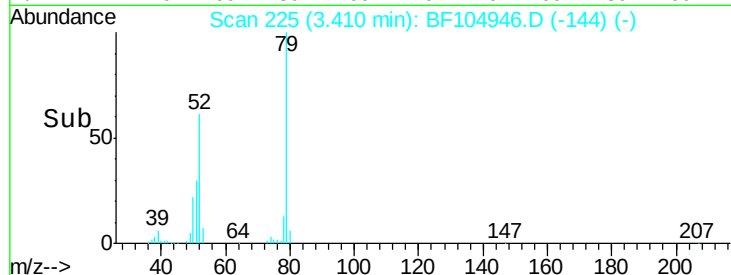
3.41

100000

50000

0

Time--> 3.35 3.40 3.45 3.50 3.55



#4

n-Nitrosodimethylamine

Concen: 35.15 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.16 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

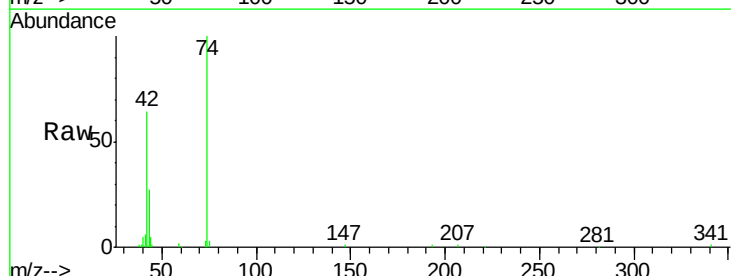
Tgt Ion: 42 Resp: 137407

Ion Ratio Lower Upper

42 100

74 155.1 104.9 157.3

44 7.0 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

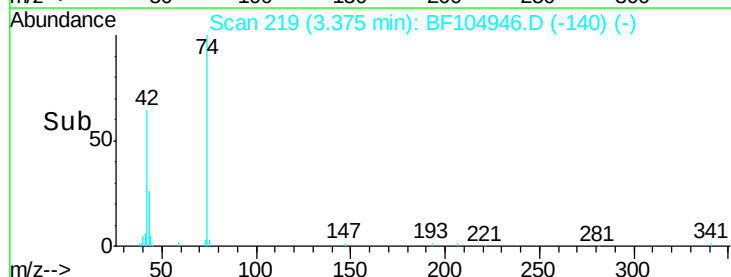
3.37

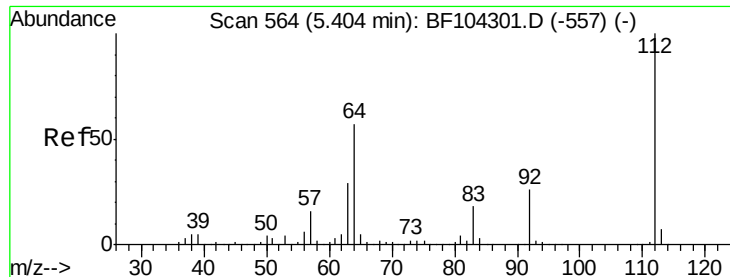
100000

50000

0

Time--> 3.30 3.40 3.50





#5

2-Fluorophenol

Concen: 105.94 ng

RT: 5.43 min Scan# 569

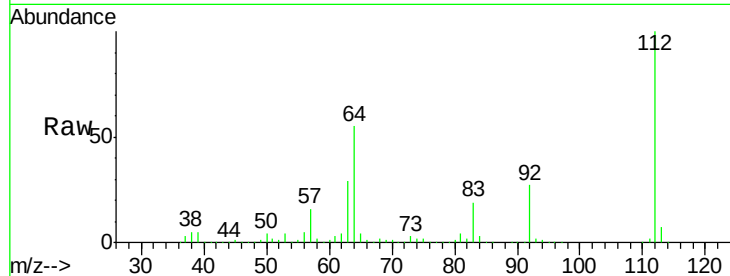
Delta R.T. 0.03 min

Lab File: BF104946.D

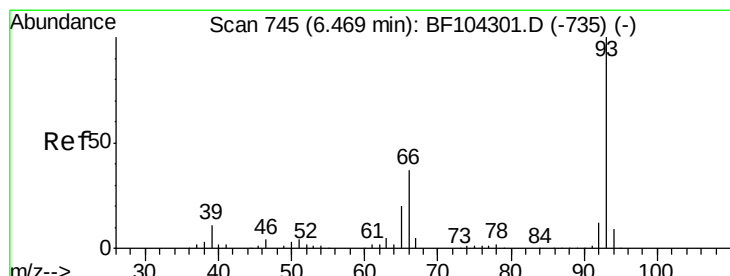
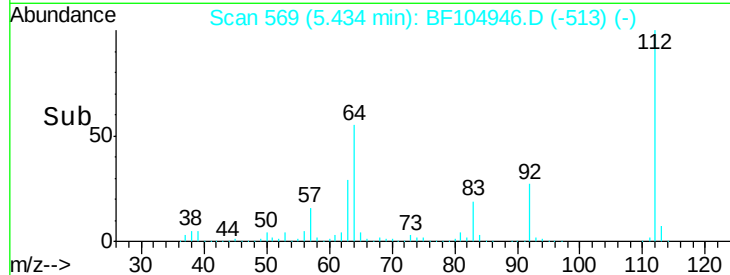
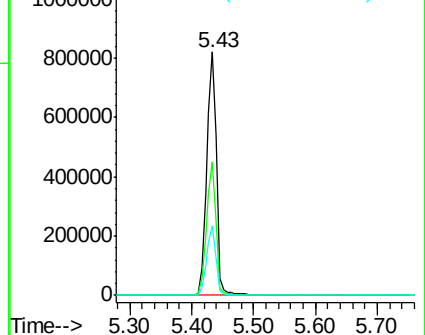
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	904472
Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.7	23.7	35.5



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



#6

Aniline

Concen: 10.37 ng

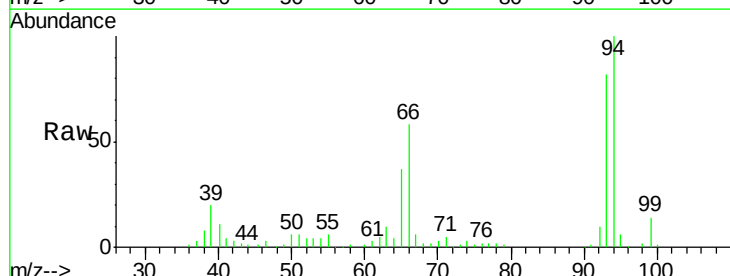
RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

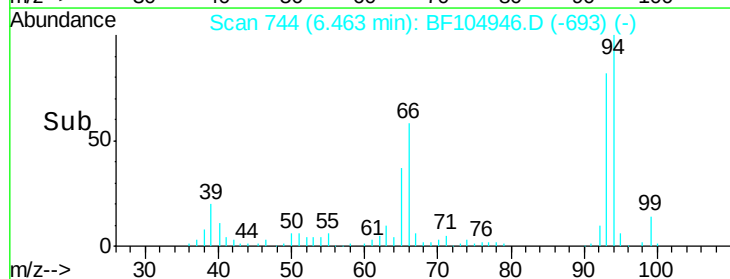
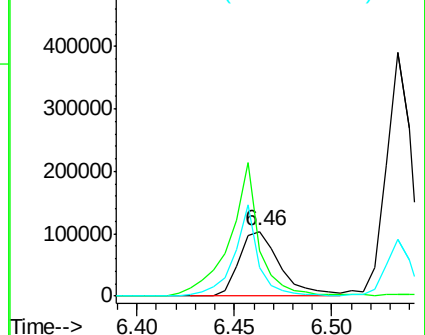
Lab File: BF104946.D

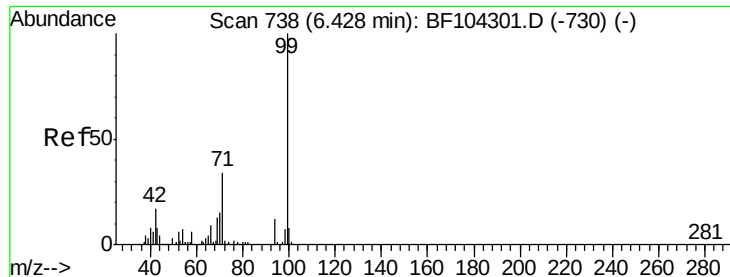
Acq: 30 Apr 2018 21:14

Tgt Ion:	93	Resp:	151177
Ion	Ratio	Lower	Upper
93	100		
66	69.8	32.2	48.2#
65	45.2	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: 99.62 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

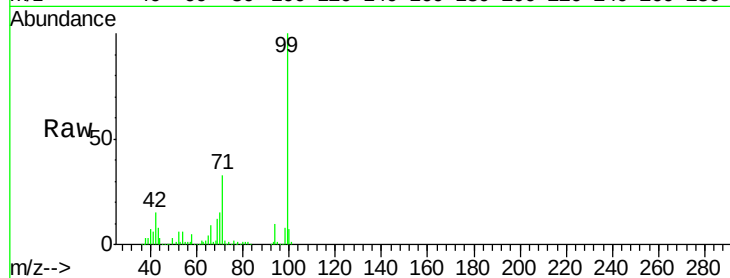
Tot Ion: 99 Resp: 1044991

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

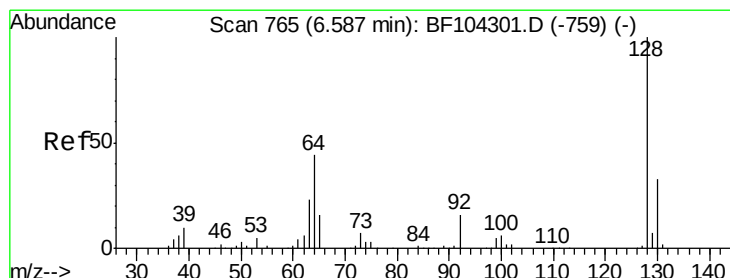
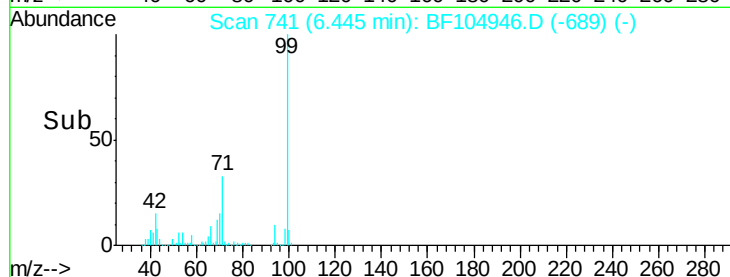
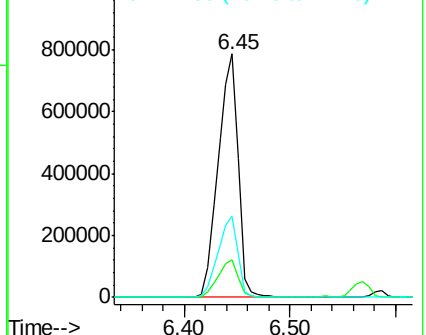
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.46 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

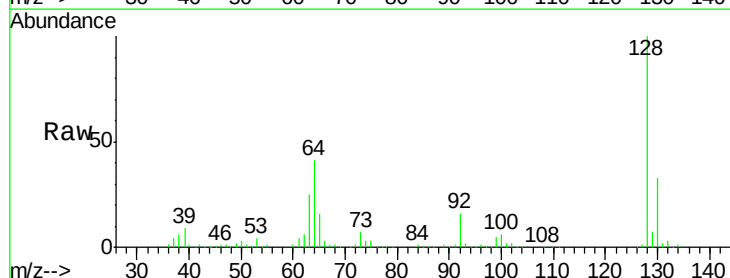
Tgt Ion: 128 Resp: 355594

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

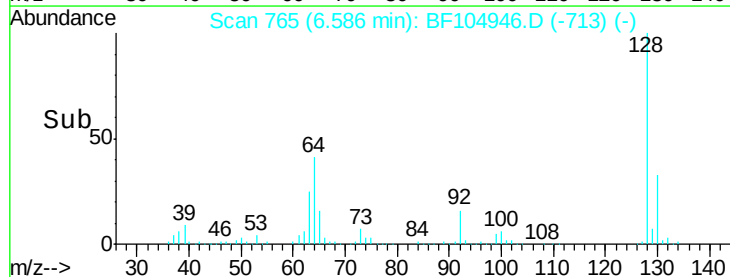
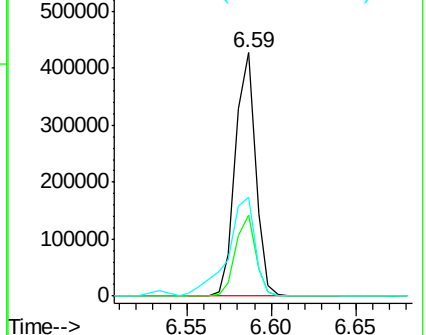
64 40.9 29.4 69.4

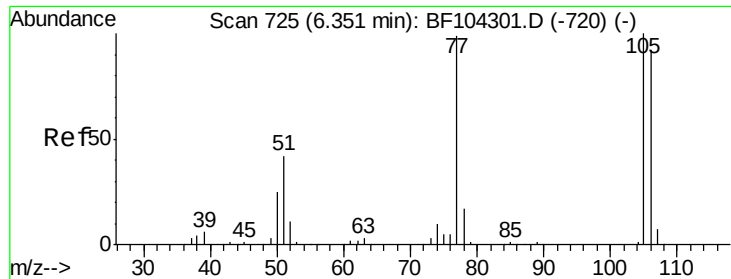


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

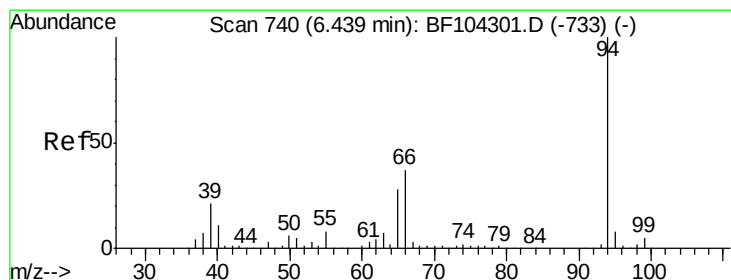
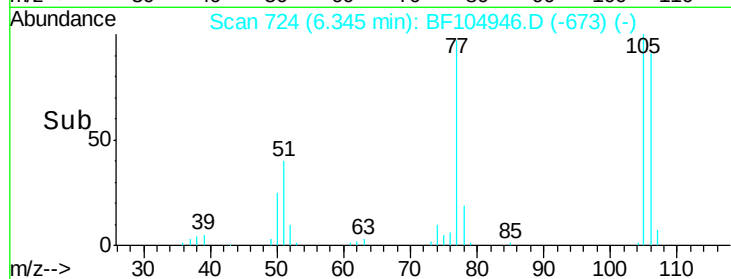
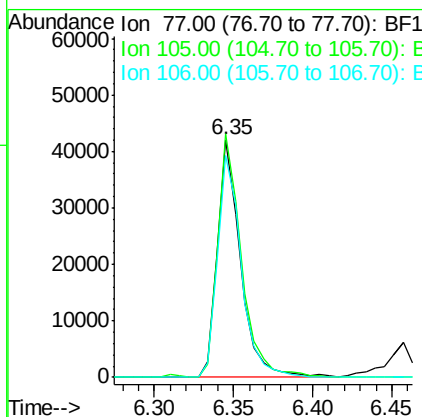
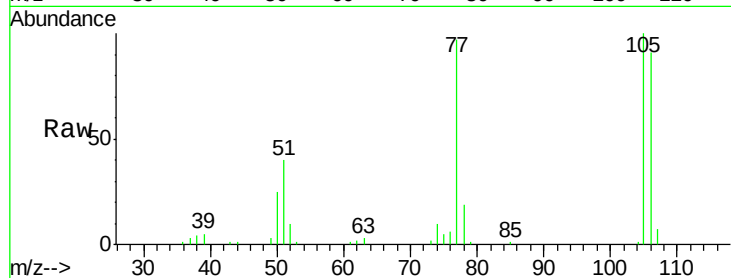




#9
Benzaldehyde
Concen: 5.19 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

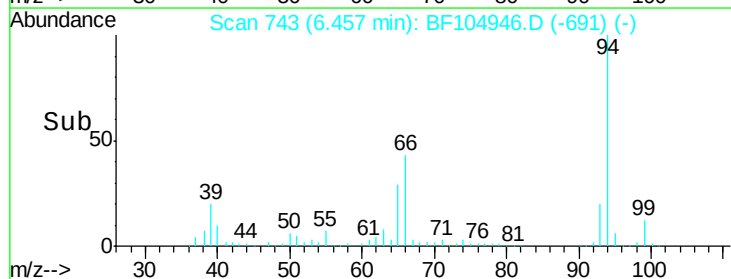
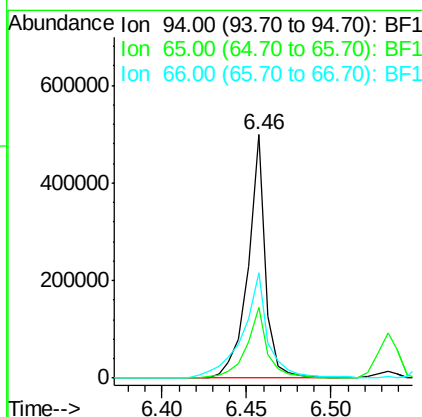
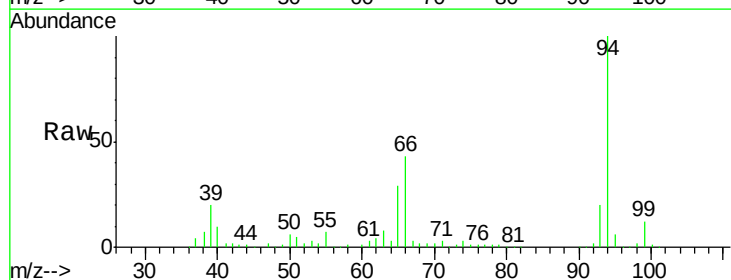
Instrument :
BNA_F
ClientSampleId :

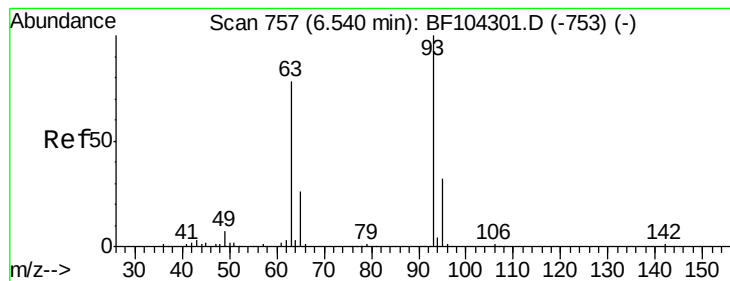
Tot Ion: 77 Resp: 42762
Ion Ratio Lower Upper
77 100
105 102.6 81.1 121.1
106 93.7 74.5 114.5



#10
Phenol
Concen: 32.61 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion: 94 Resp: 362998
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 43.0 16.2 56.2

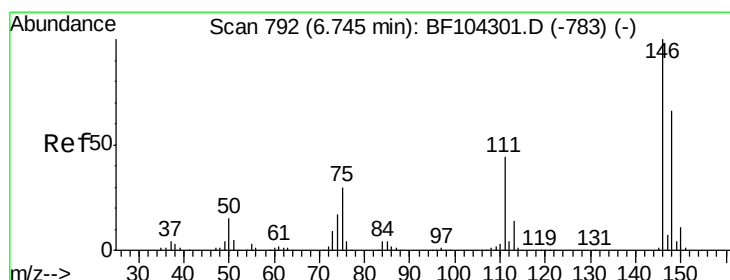
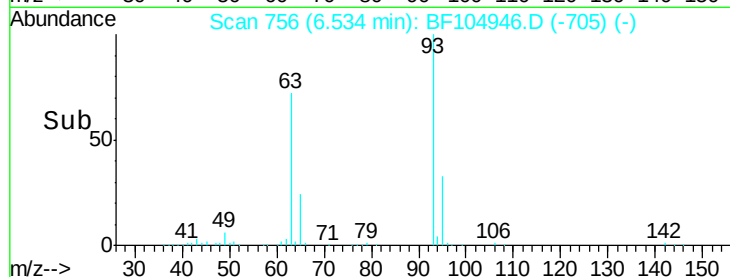
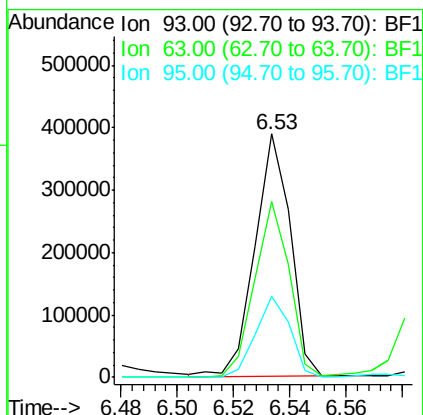
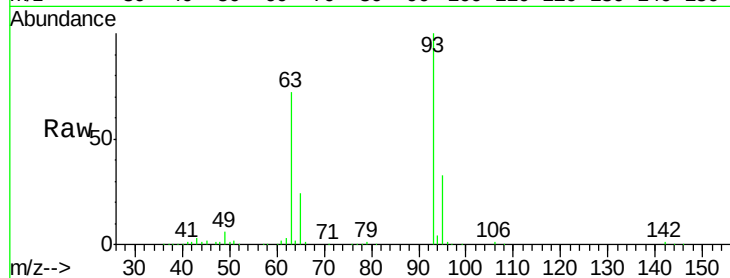




#11
bis(2-Chloroethyl)ether
Concen: 38.13 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

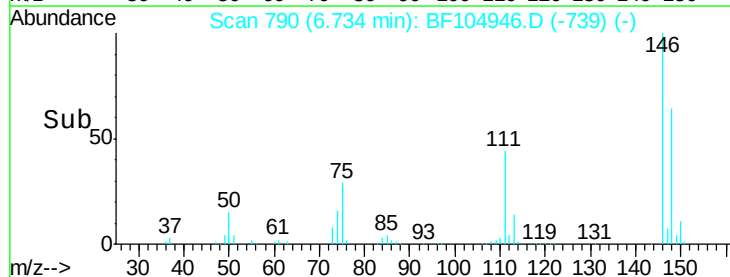
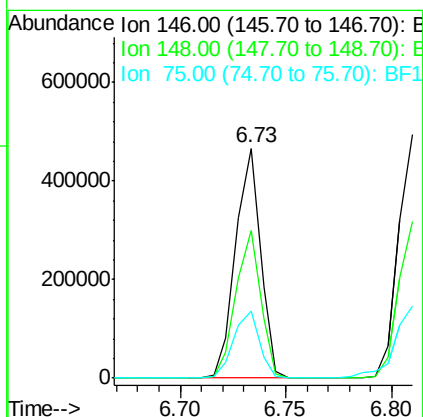
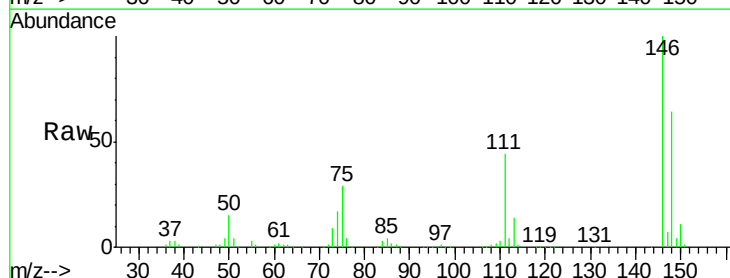
Instrument :
BNA_F
ClientSampleId :

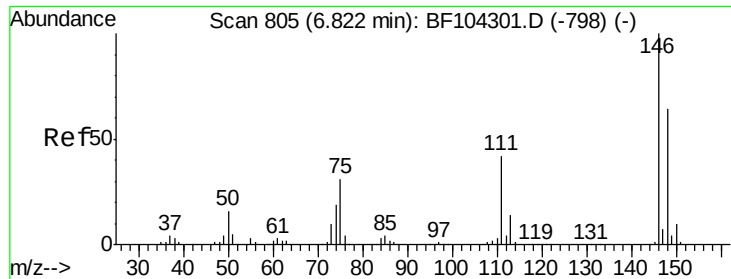
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	58.6	98.6
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.48 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	29.0	24.2	36.4

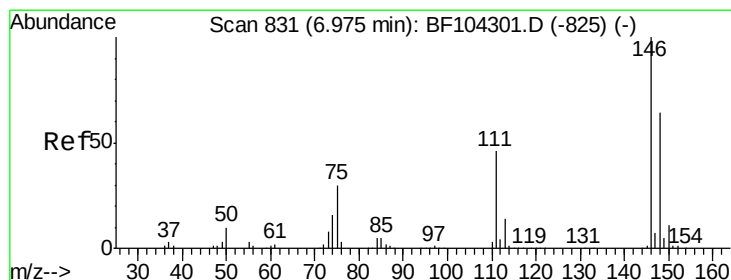
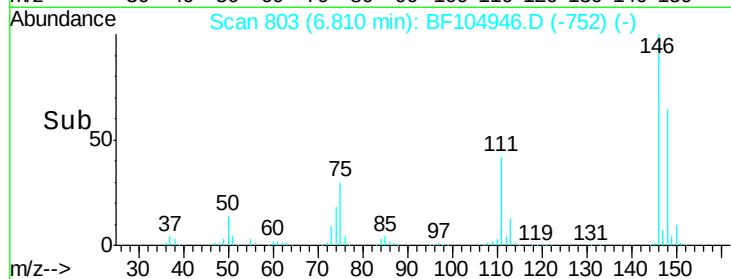
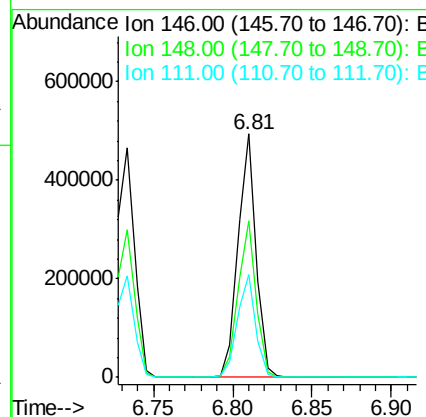
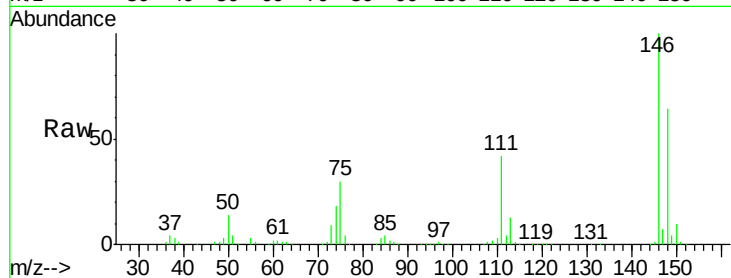




#13
 1,4-Dichlorobenzene
 Concen: 38.33 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

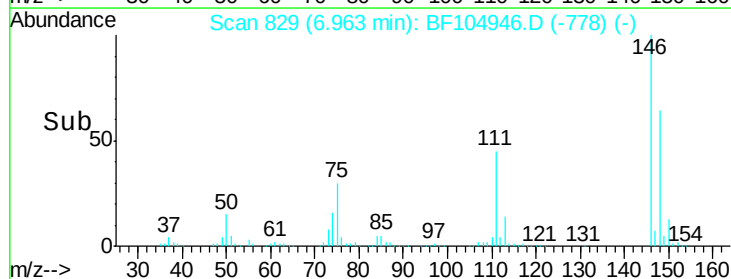
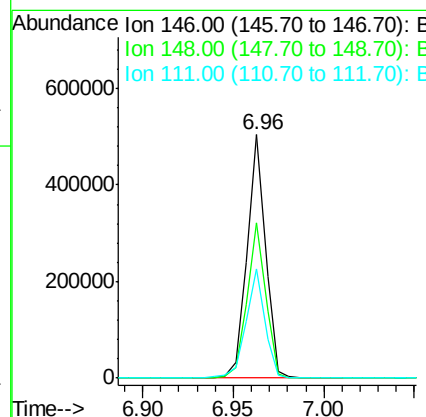
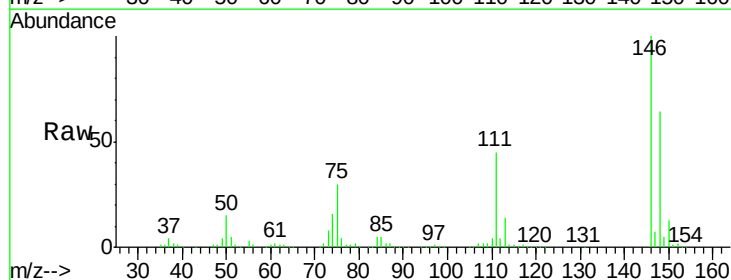
Instrument :
 BNA_F
 ClientSampleId :

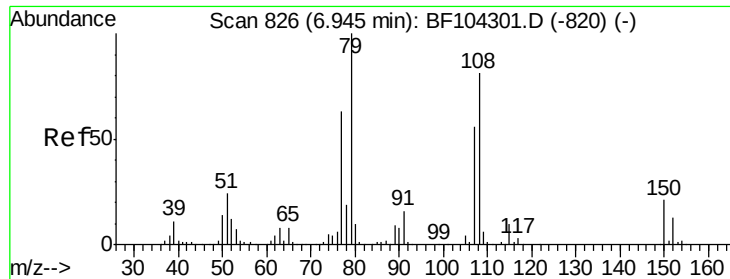
Tot Ion:146 Resp: 390055
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:146 Resp: 357006
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 45.1 36.0 54.0

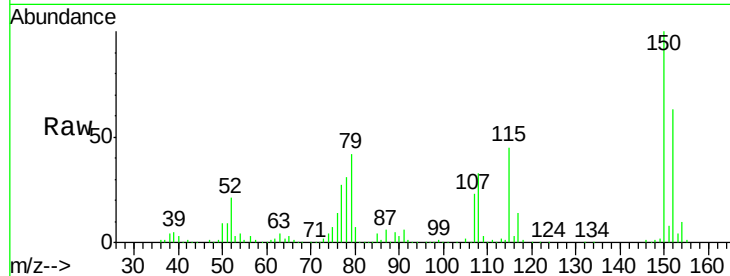




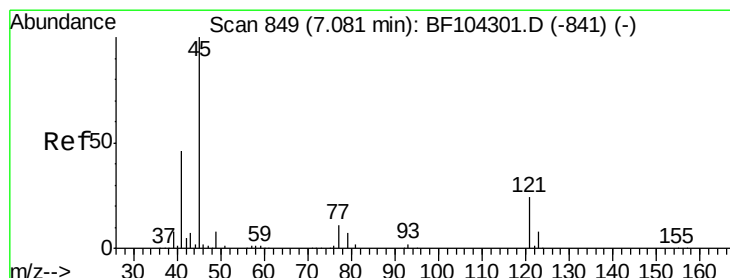
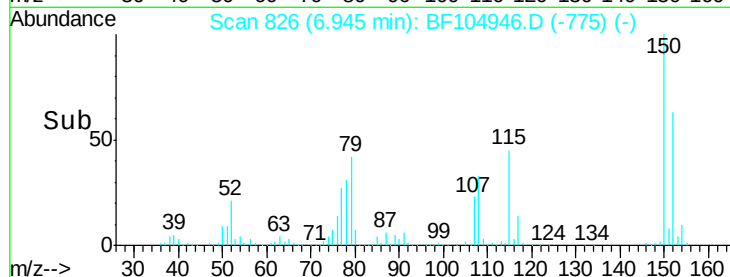
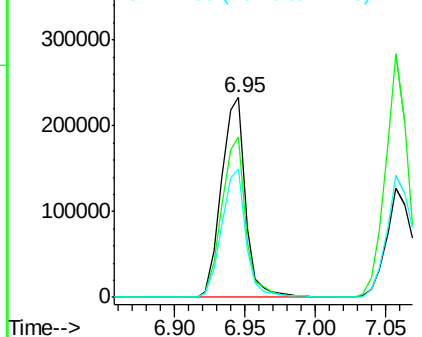
#15
Benzyl Alcohol
Concen: 34.81 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 277367
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 64.3 50.6 75.8

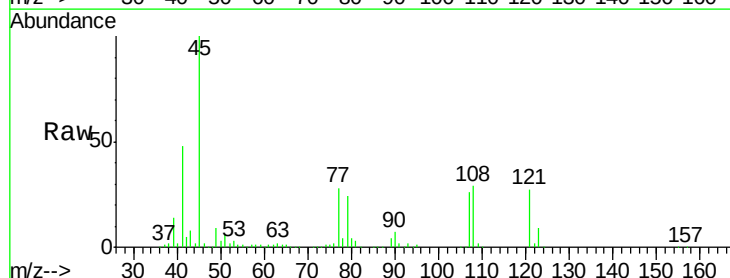


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

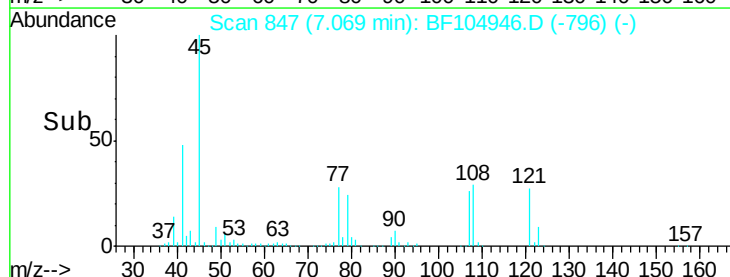
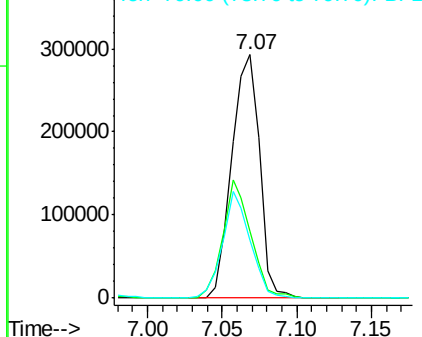


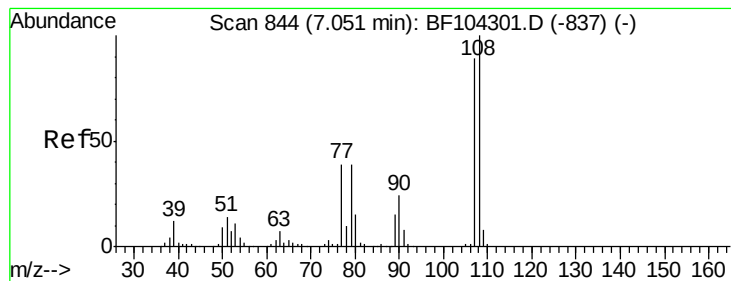
#16
2,2'-oxybis(1-chloropropane)
Concen: 32.16 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion: 45 Resp: 383590
Ion Ratio Lower Upper
45 100
77 27.6 0.0 32.9
79 23.8 0.0 29.6



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

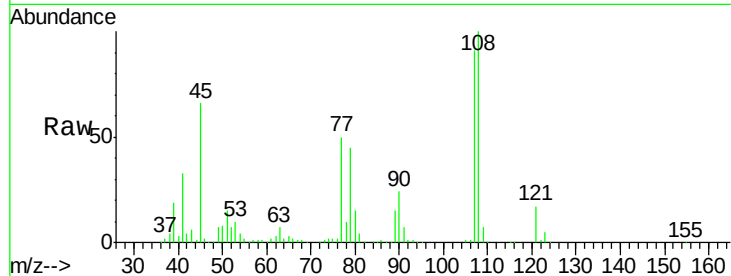




#17
2-Methylphenol
Concen: 36.25 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	55.1	33.8	50.8
79	49.8	33.8	50.8



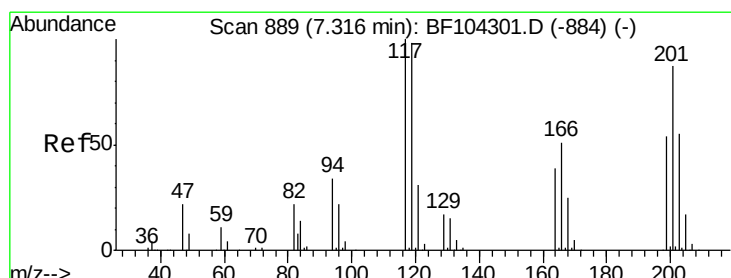
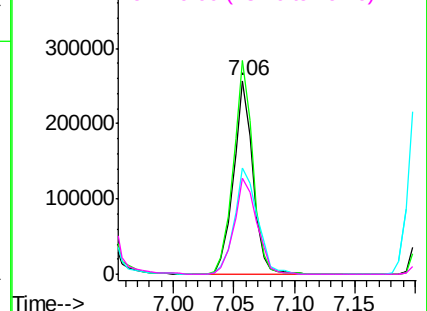
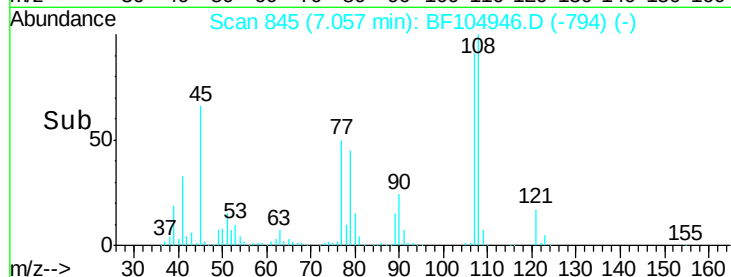
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

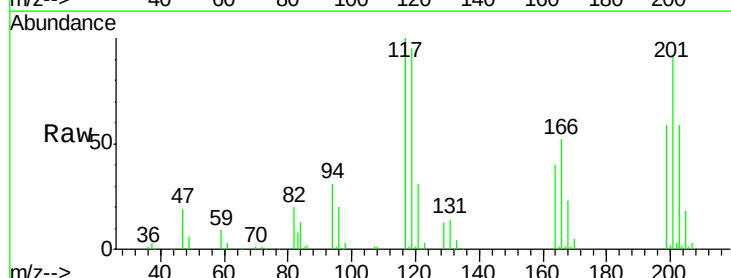
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.65 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	92.2	75.7	113.5

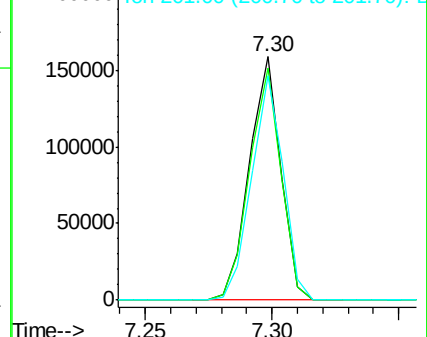
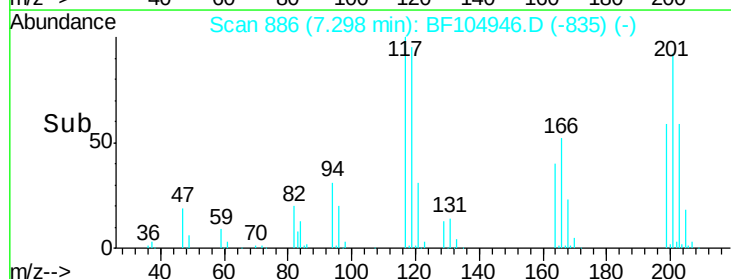


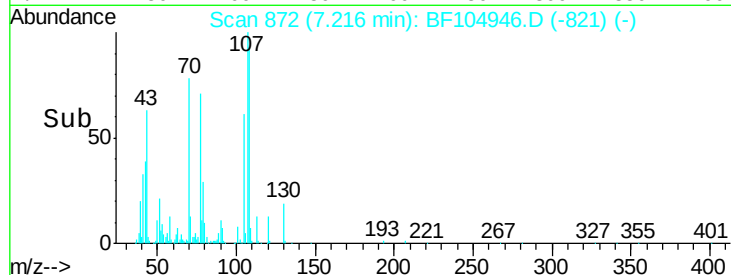
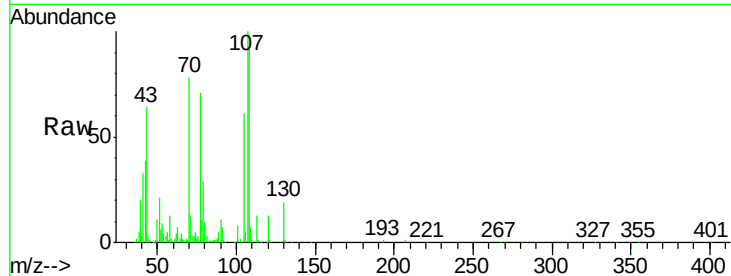
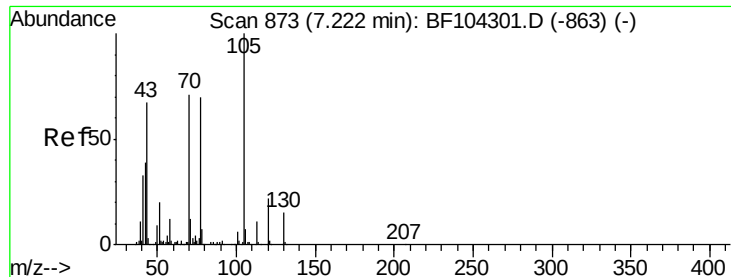
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

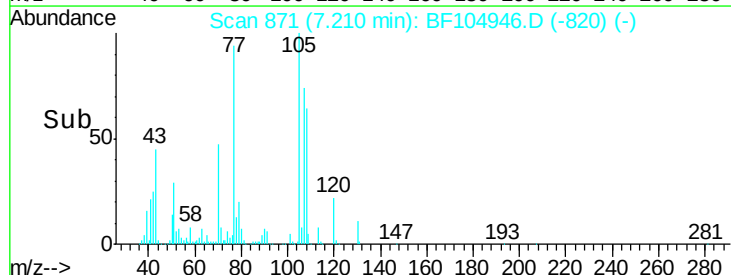
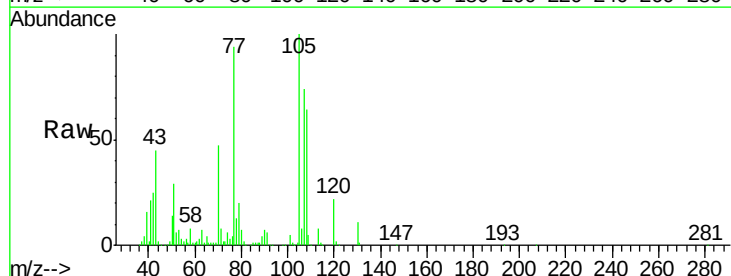
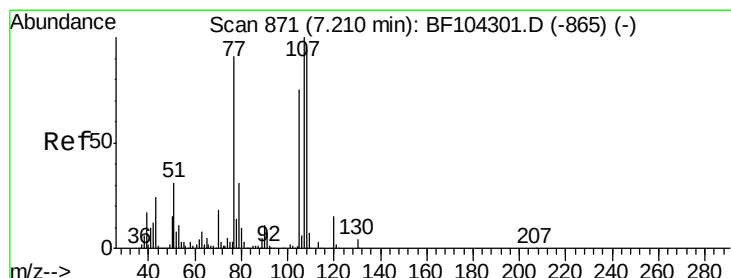
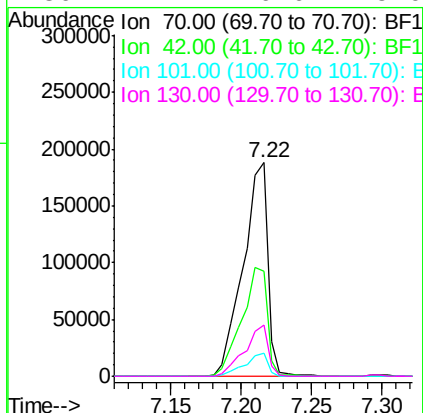




#19
n-Nitroso-di-n-propylamine
Concen: 33.63 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

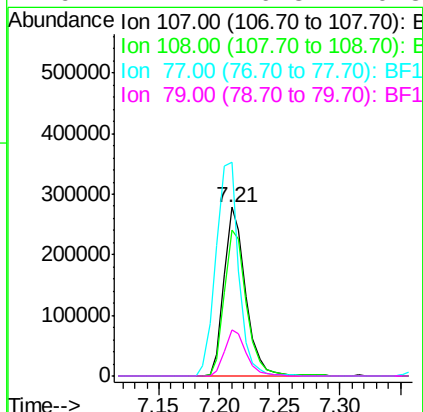
Instrument :
BNA_F
ClientSampleId :

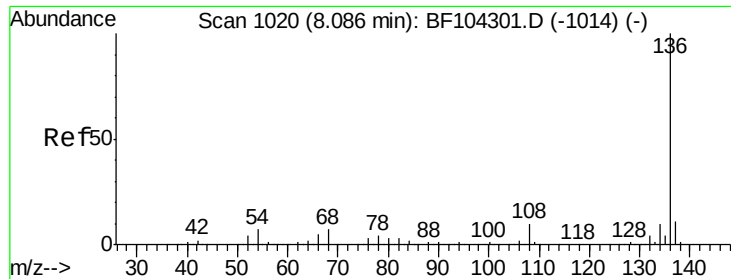
Tot Ion:	70	Resp:	230510
Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	10.7	7.4	11.2
130	24.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.60 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:	107	Resp:	345851
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	126.7	26.7	66.7#
79	27.2	6.3	46.3

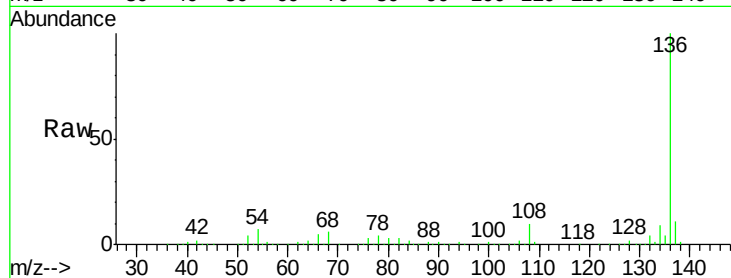




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	541250
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.7	6.6 9.8
68	5.7	5.0 7.4



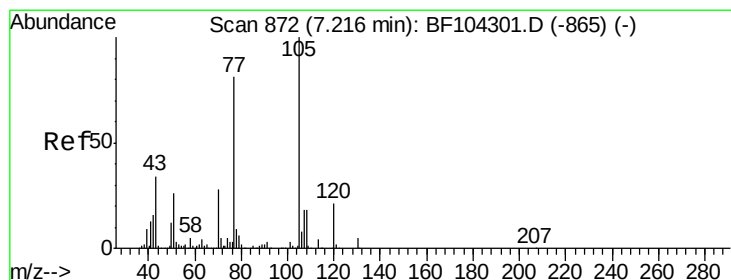
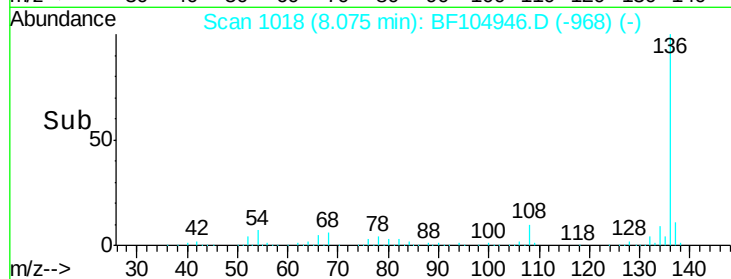
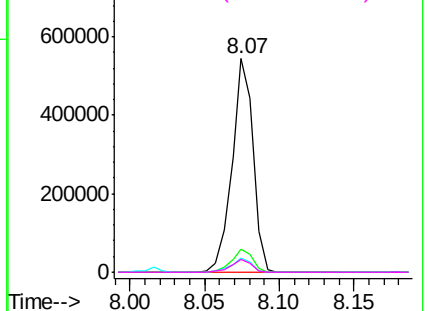
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

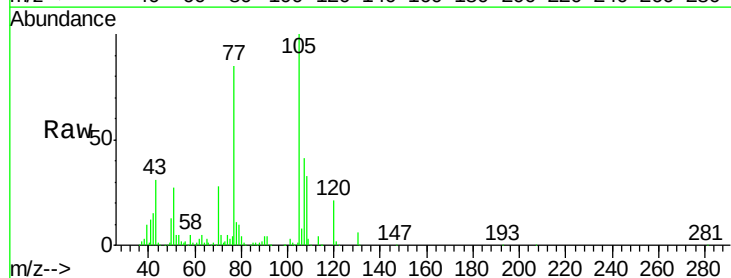
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.55 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:105	Resp:	486988
Ion Ratio	Lower	Upper
105	100	
71	4.6	4.4 6.6
51	27.0	22.3 33.5
120	21.3	16.9 25.3



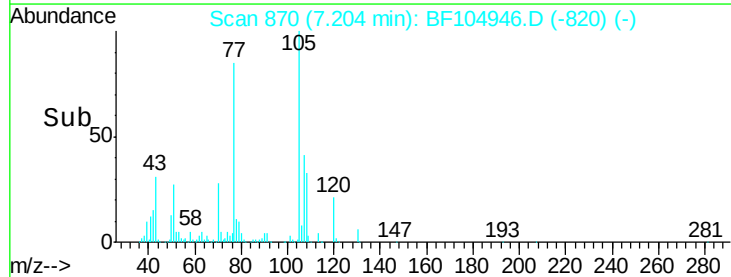
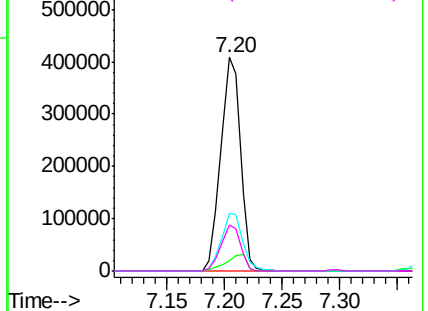
Abundance

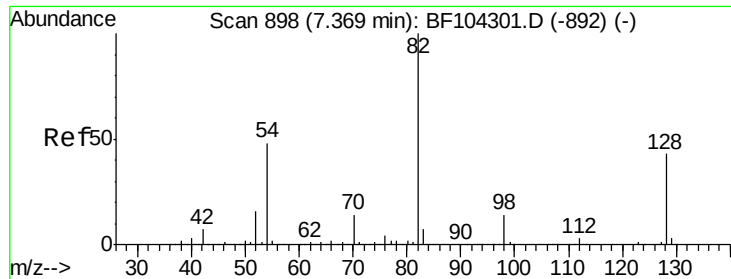
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

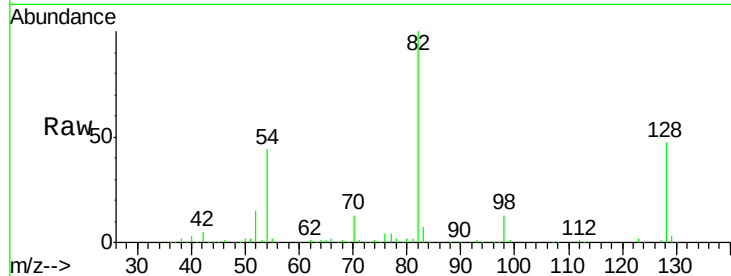




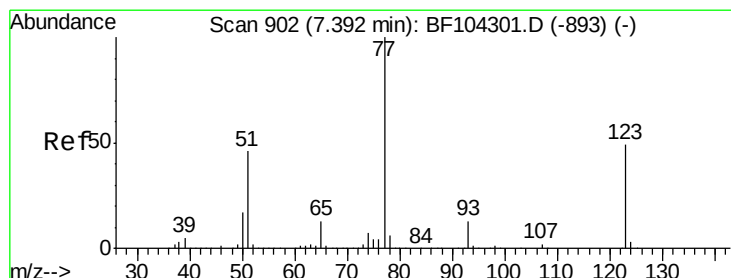
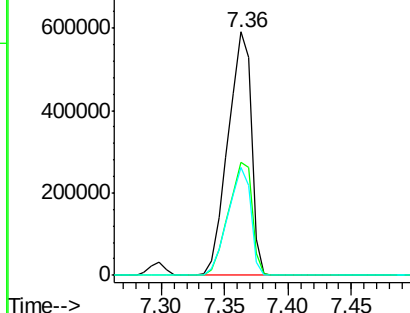
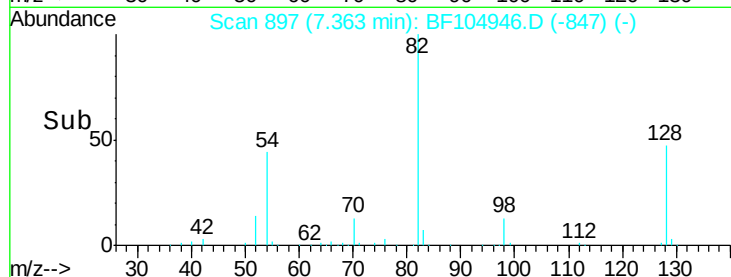
#23
 Nitrobenzene-d5
 Concen: 90.71 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	751854
Ion Ratio	100	Lower	Upper
128	46.6	36.1	54.1
54	44.3	41.4	62.2

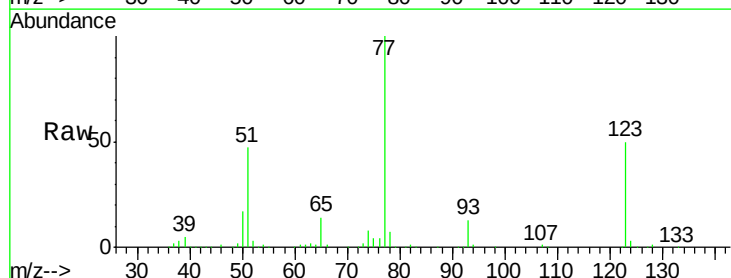


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

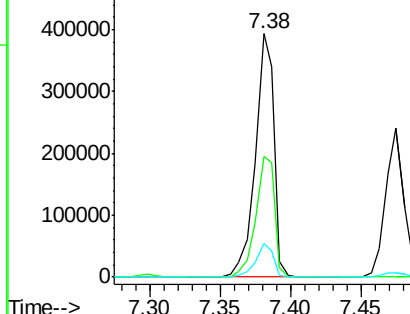
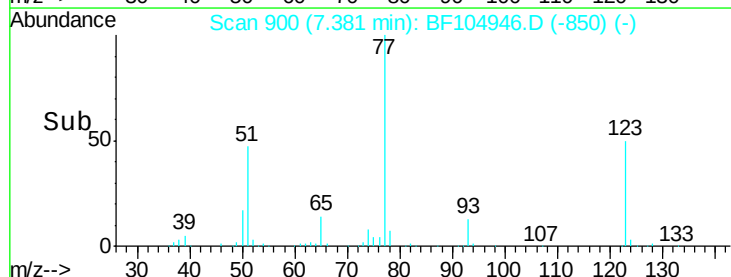


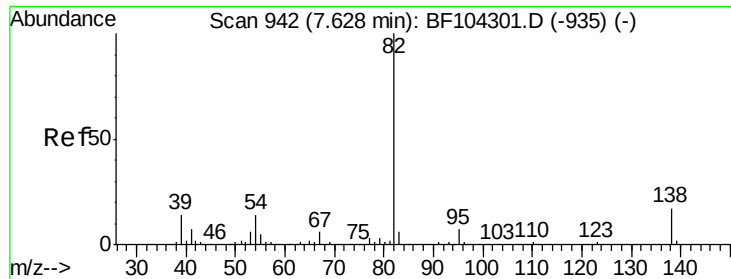
#24
 Nitrobenzene
 Concen: 39.97 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	77	Resp	365790
Ion Ratio	100	Lower	Upper
123	49.6	37.9	56.9
65	13.7	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

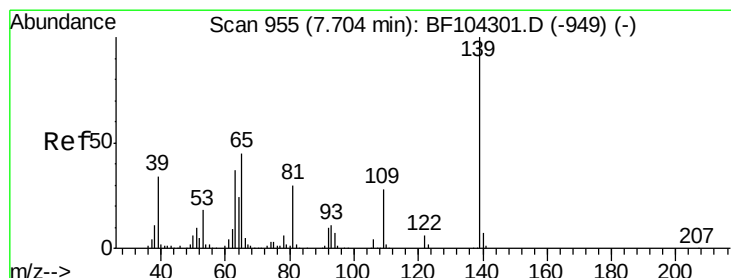
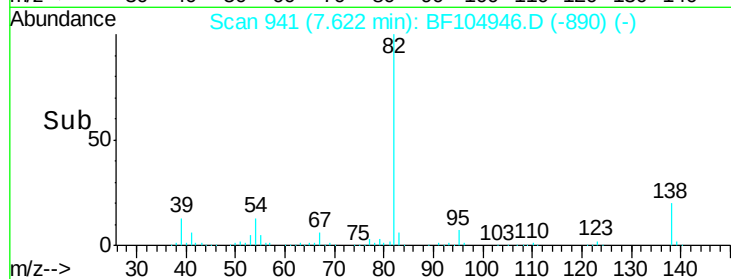
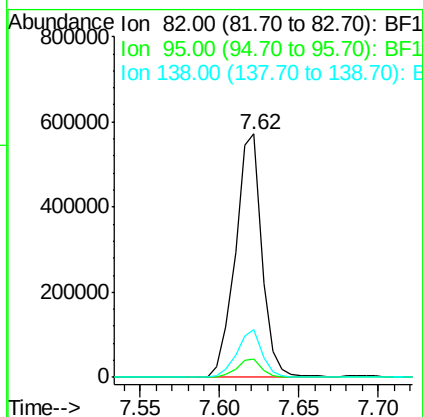
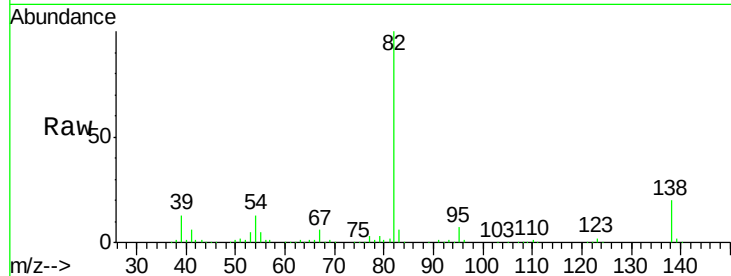




#25
Isophorone
Concen: 37.77 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

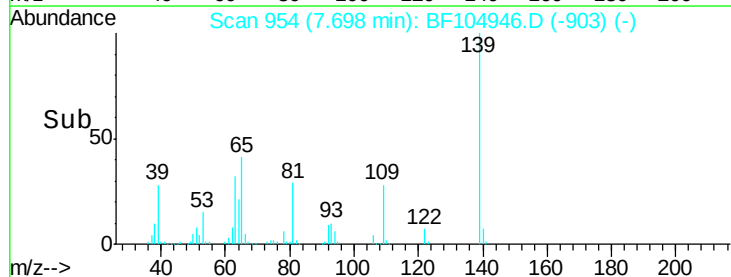
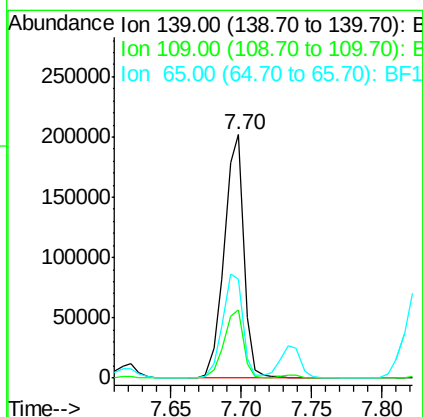
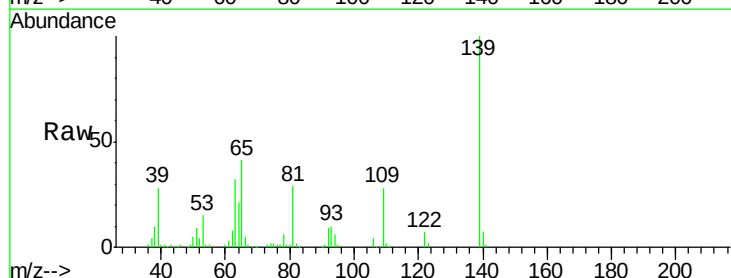
Instrument :
BNA_F
ClientSampleId :

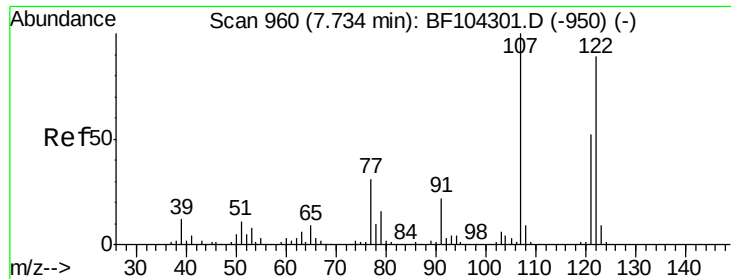
Tot Ion	82	Resp	662066
Ion Ratio	100		
Lower	5.2		
Upper	7.8		
95	7.3		
138	19.8		
	14.9		
	22.3		



#26
2-Nitrophenol
Concen: 52.56 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	139	Resp	195834
Ion Ratio	100		
Lower	22.7		
Upper	34.1		
109	27.9		
65	40.9		
	40.5		
	60.7		

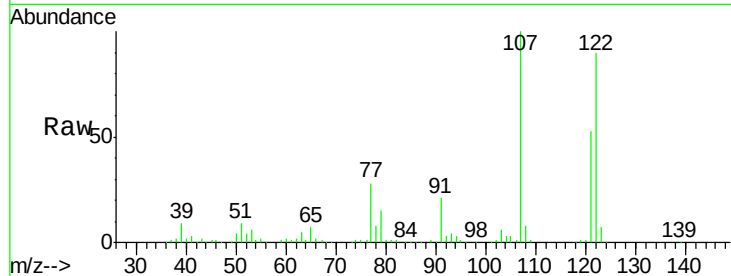




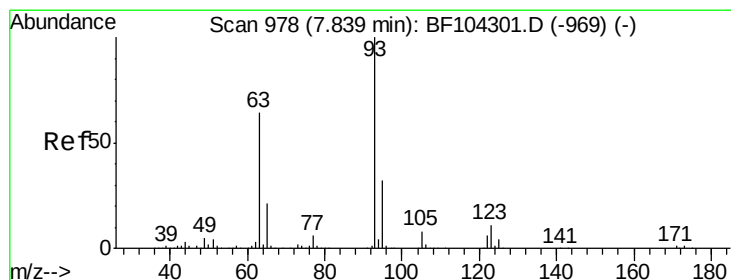
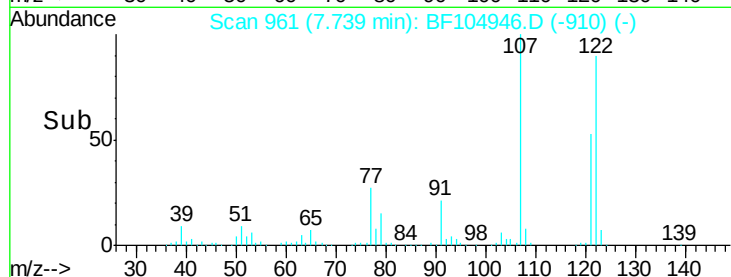
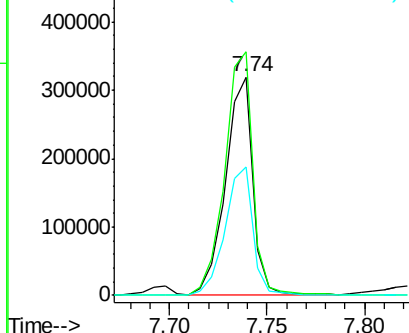
#27
 2,4-Dimethylphenol
 Concen: 40.34 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 312092
 Ion Ratio Lower Upper
 122 100
 107 111.5 91.2 136.8
 121 58.6 47.2 70.8

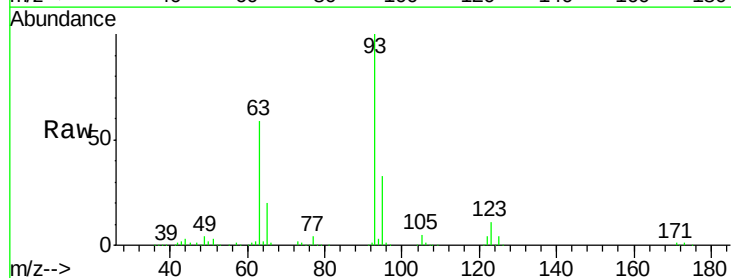


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

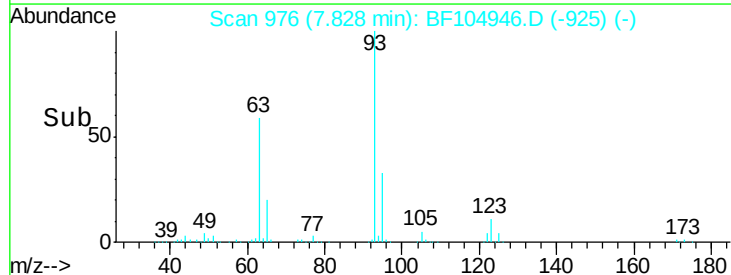
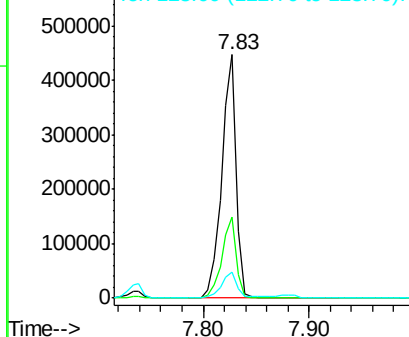


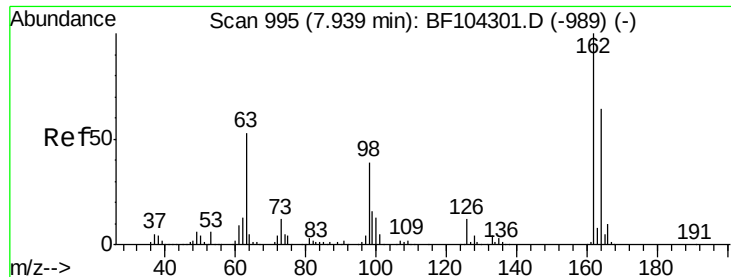
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.03 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion: 93 Resp: 428967
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

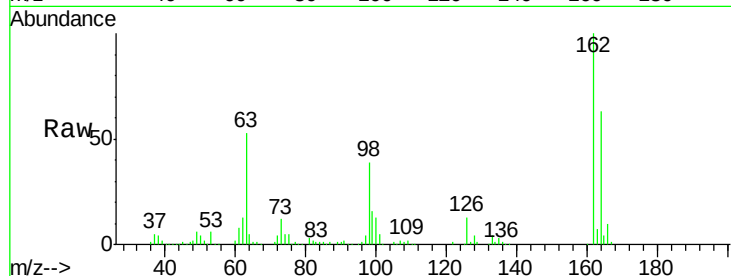




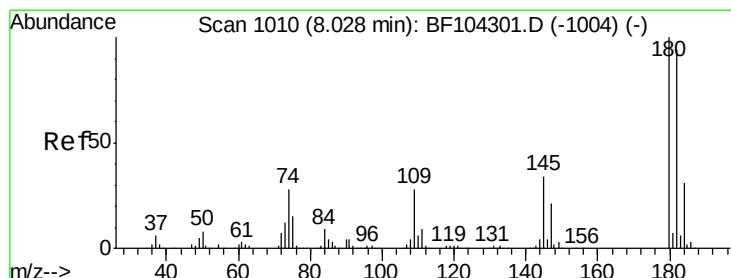
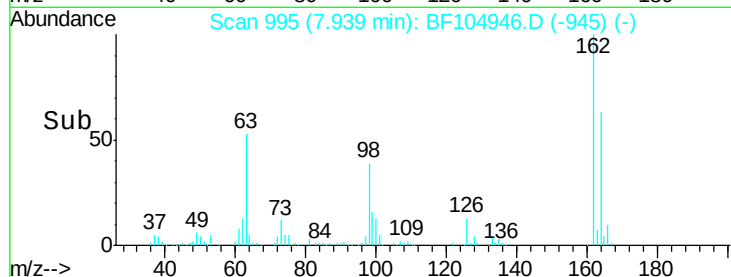
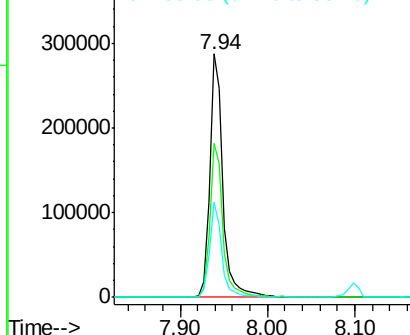
#29
 2,4-Dichlorophenol
 Concen: 40.19 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	39.0	18.1	58.1

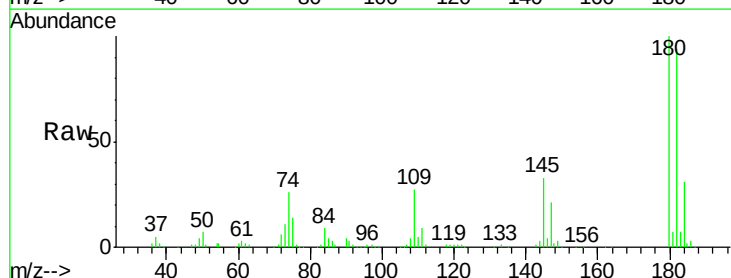


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

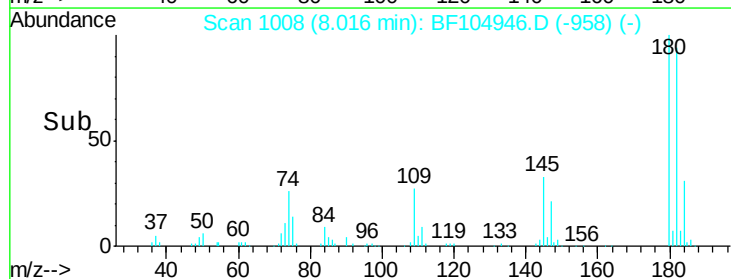
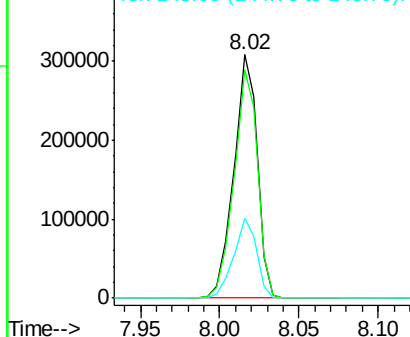


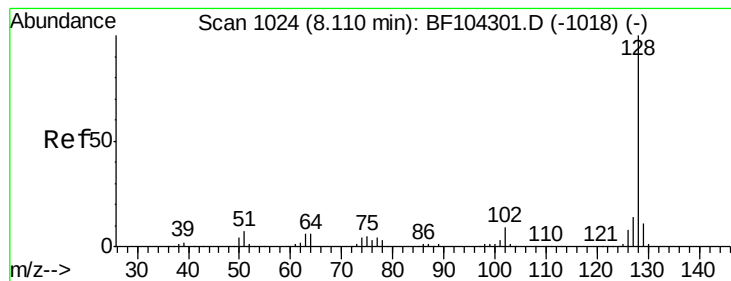
#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	32.6	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: 38.65 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampled :

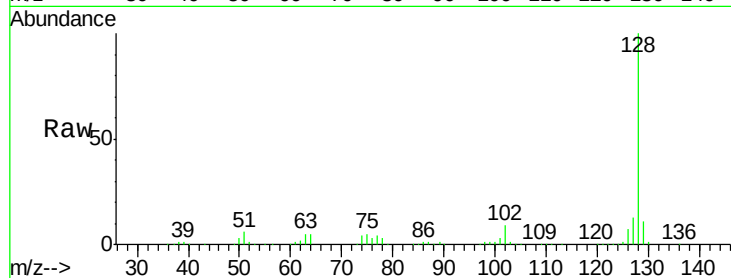
Tot Ion:128 Resp: 1041600

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

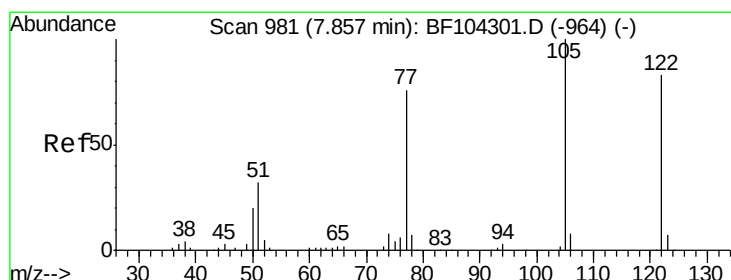
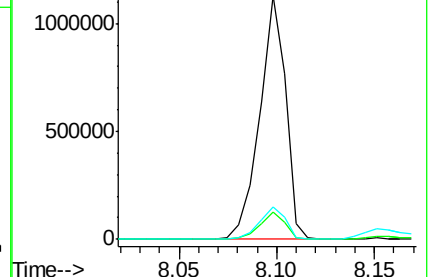
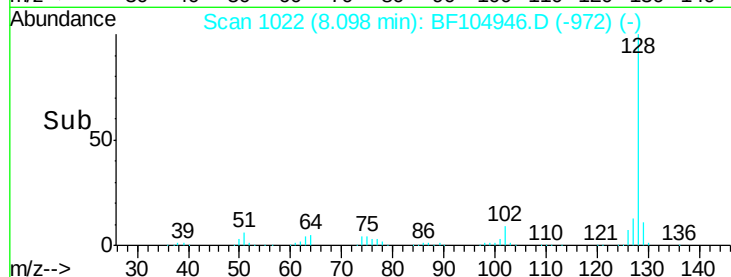
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.27 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

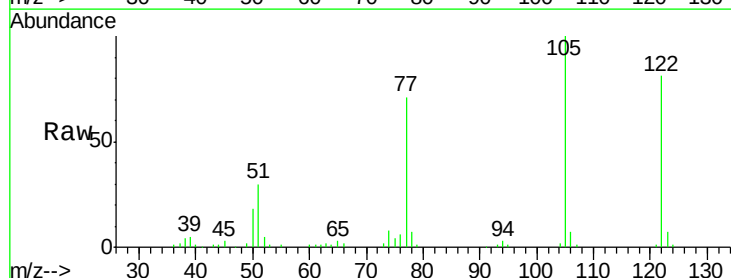
Tgt Ion:122 Resp: 186829

Ion Ratio Lower Upper

122 100

105 123.7 101.1 141.1

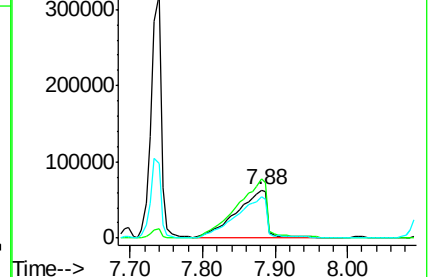
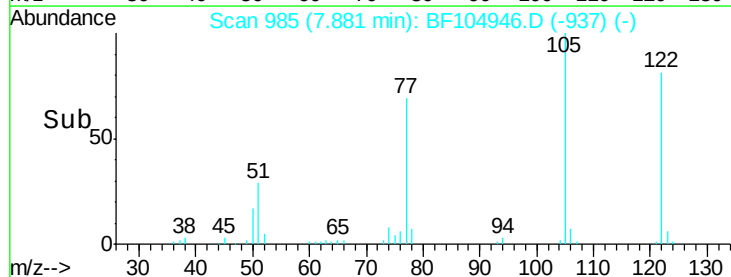
77 87.3 70.7 110.7

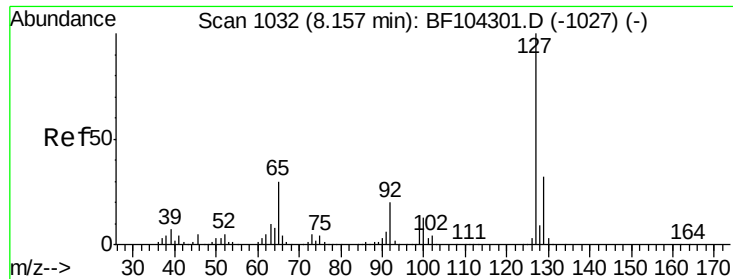


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

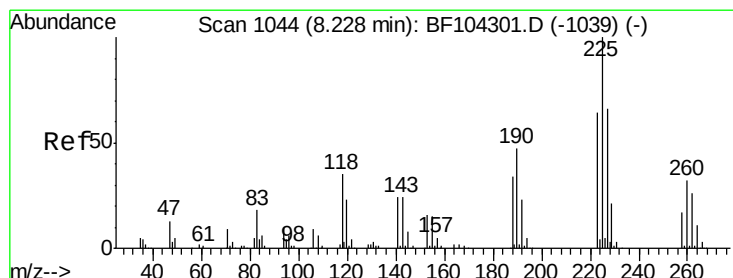
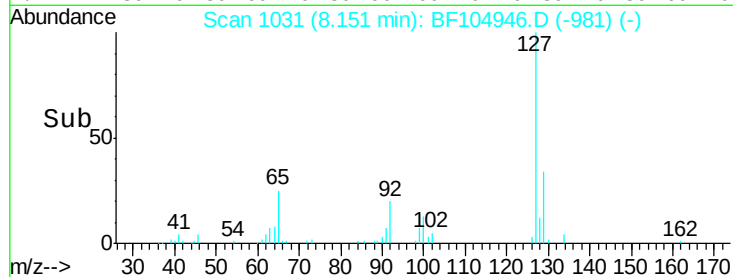
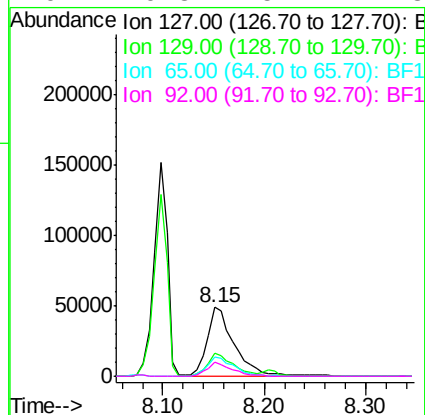
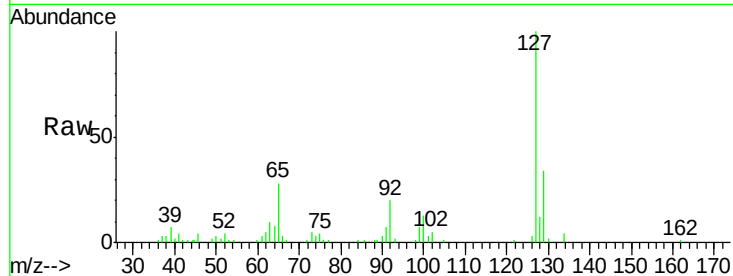




#33
4-Chloroaniline
Concen: 7.86 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

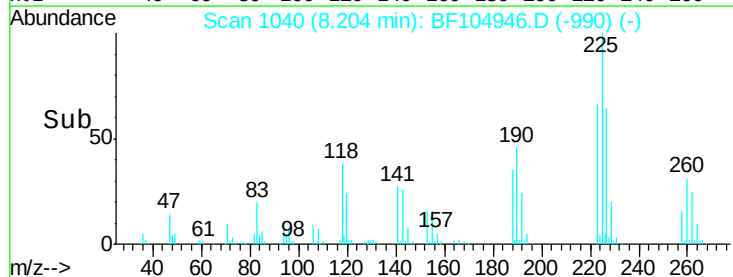
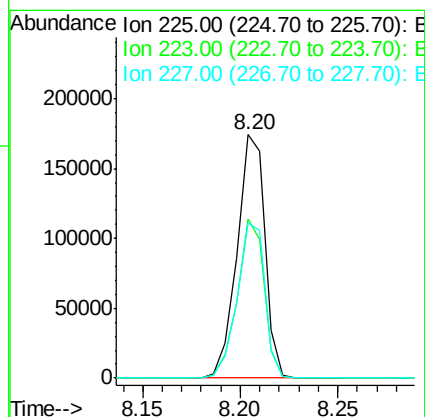
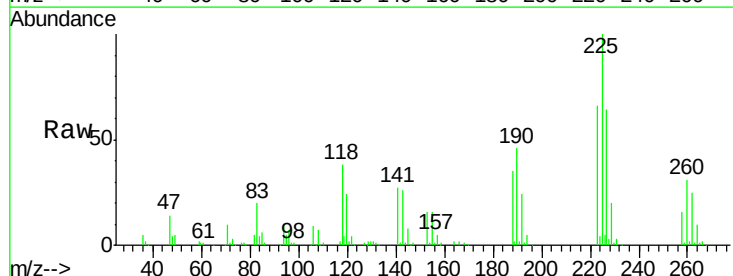
Instrument :
BNA_F
ClientSampled :

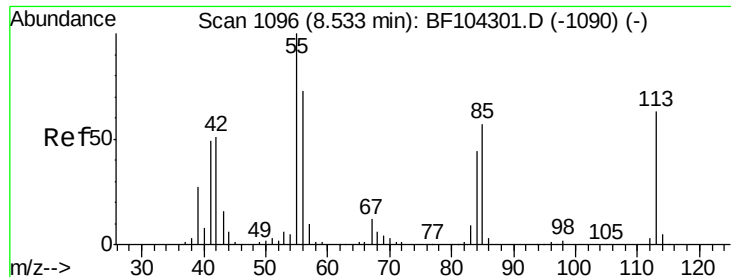
Tot Ion:	127	Resp:	90787
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.9	38.9
65	28.2	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.80 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:	225	Resp:	172166
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.6	76.0
227	63.8	51.9	77.9

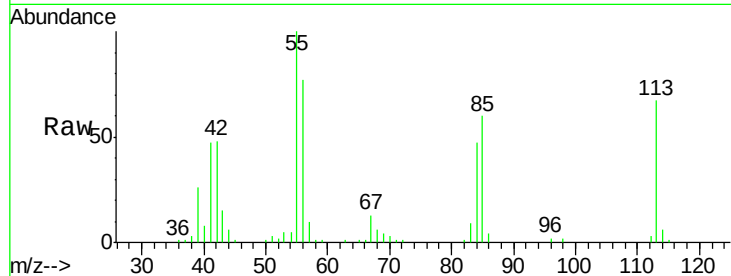




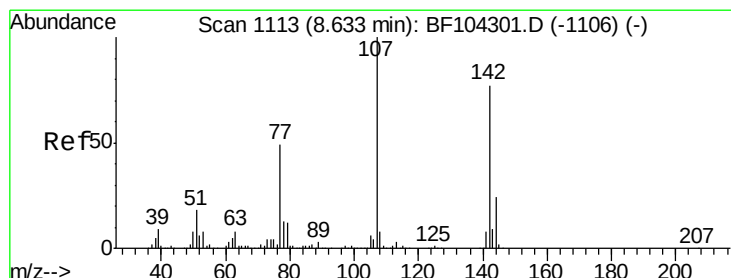
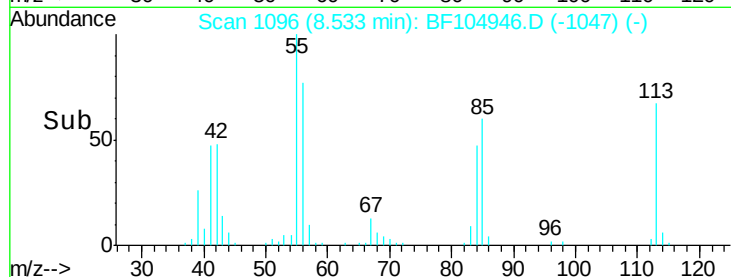
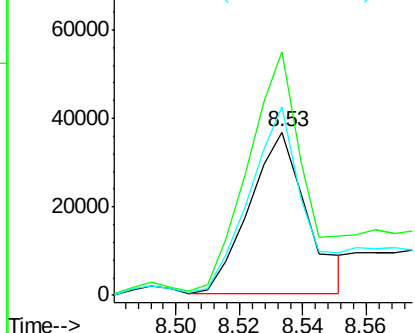
#35
 Caprolactam
 Concen: 17.87 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 46010
 Ion Ratio Lower Upper
 113 100
 55 149.1 163.3 203.3#
 56 115.2 115.7 155.7#

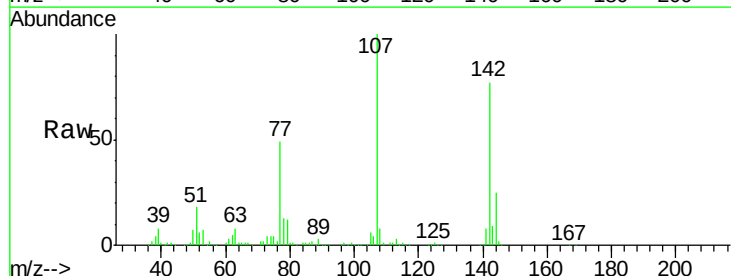


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

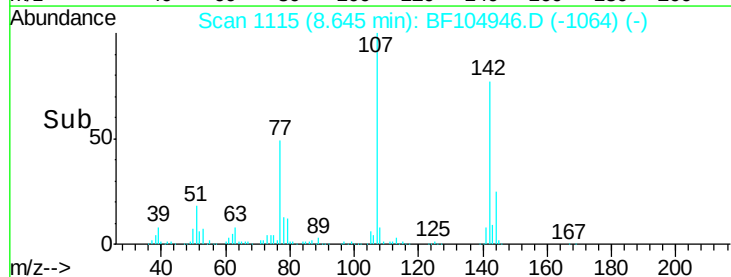
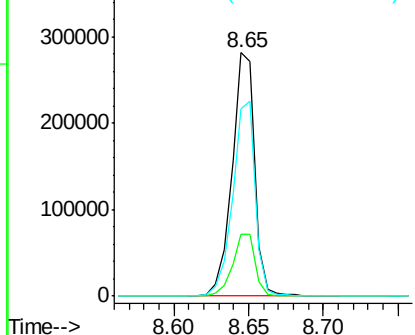


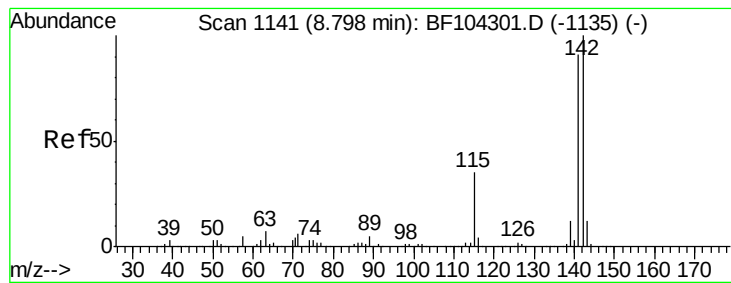
#36
 4-Chloro-3-methylphenol
 Concen: 38.25 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:107 Resp: 302730
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 76.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.79 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampled :

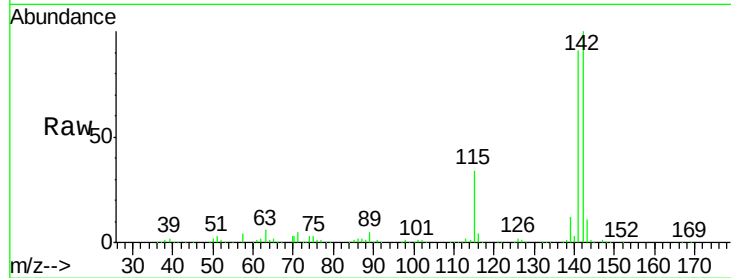
Tot Ion:142 Resp: 676245

Ion Ratio Lower Upper

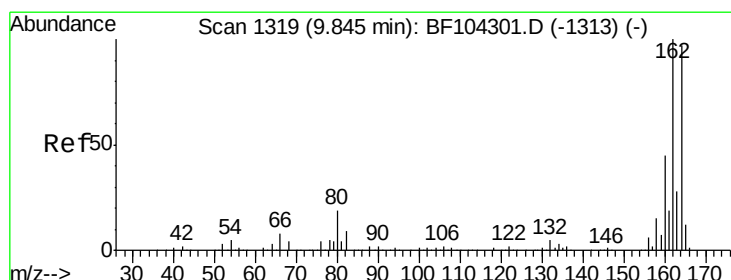
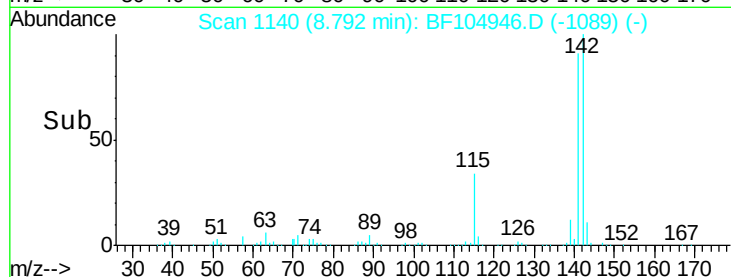
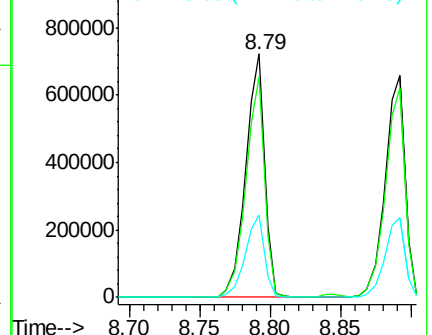
142 100

141 90.6 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: 20.00 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

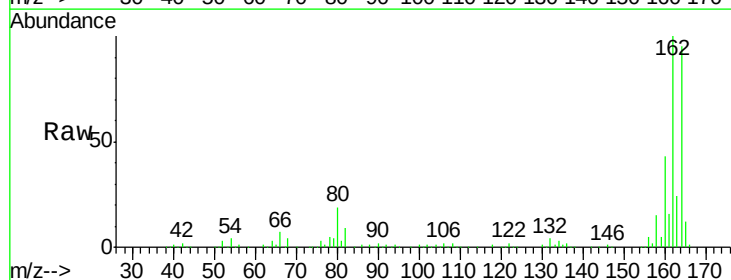
Tgt Ion:164 Resp: 238809

Ion Ratio Lower Upper

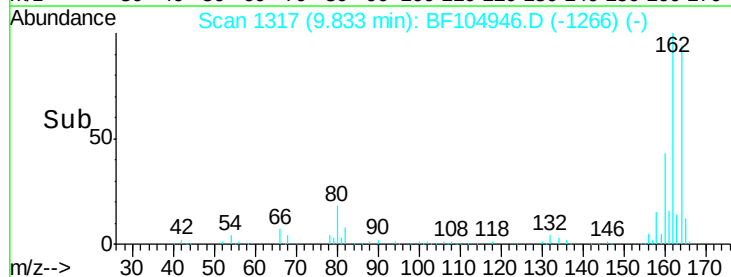
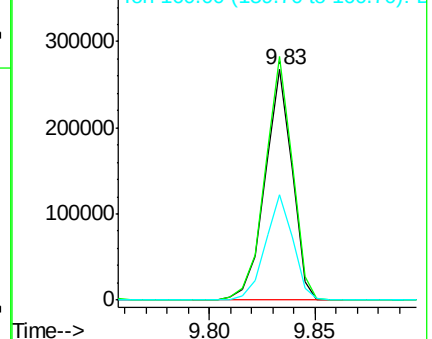
164 100

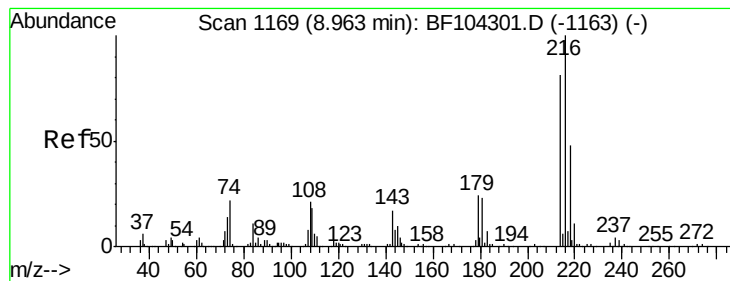
162 105.6 86.1 129.1

160 45.8 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: 42.61 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104946.D

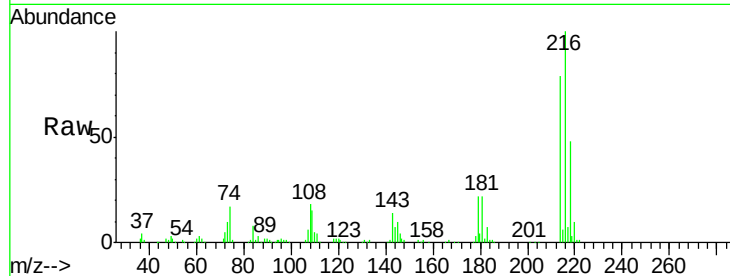
Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	291298
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	22.6	18.1 27.1
108	19.4	17.2 25.8

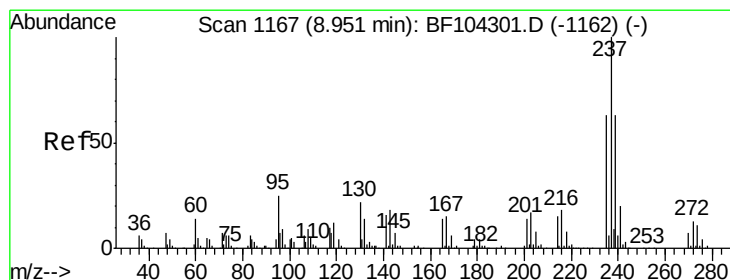
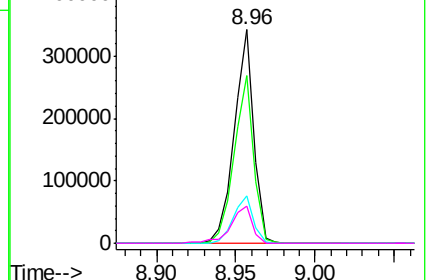
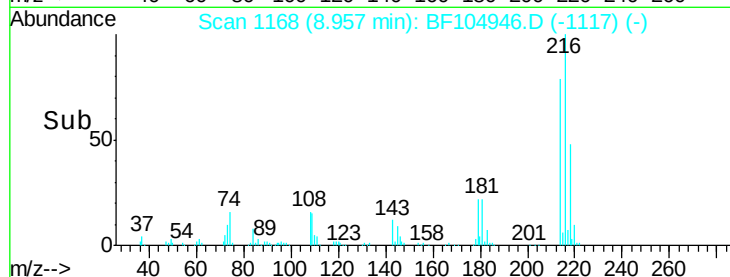


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.93 ng

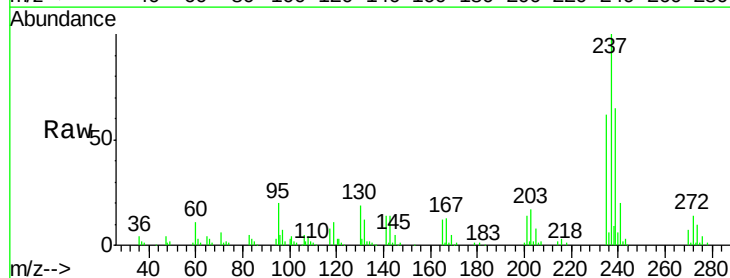
RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

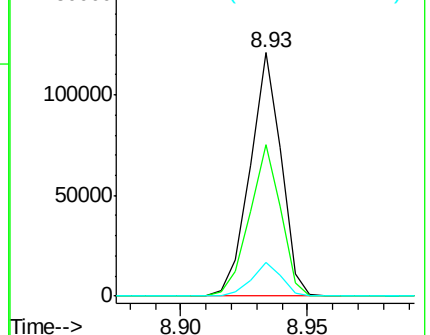
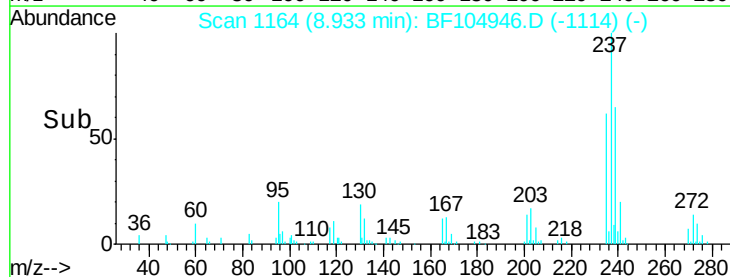
Tgt Ion:237	Resp:	103055
Ion Ratio	Lower	Upper
237	100	
235	62.2	44.8 84.8
272	13.7	0.0 33.3

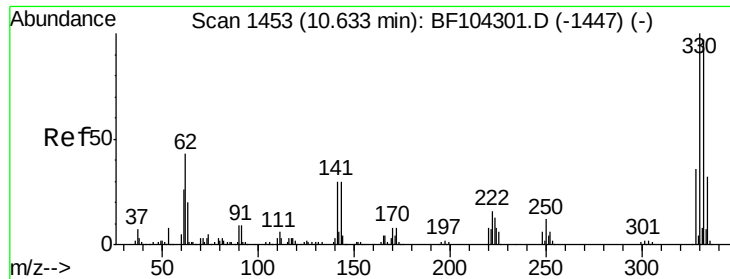


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

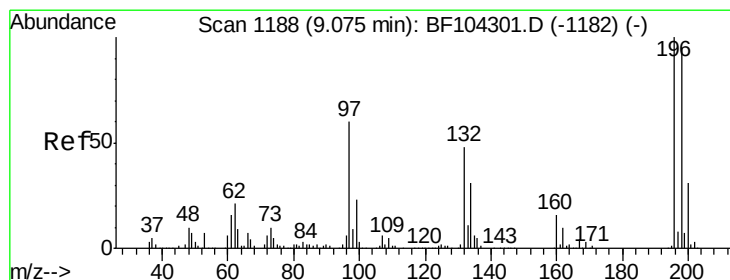
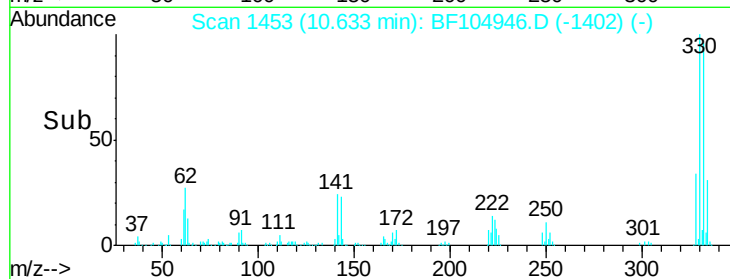
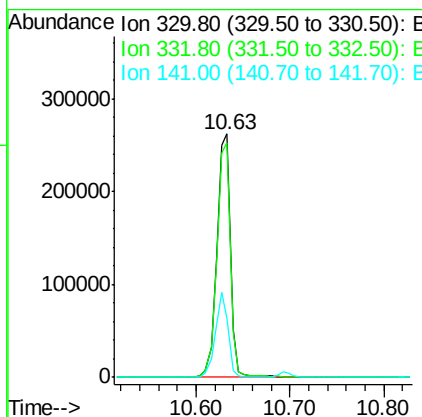
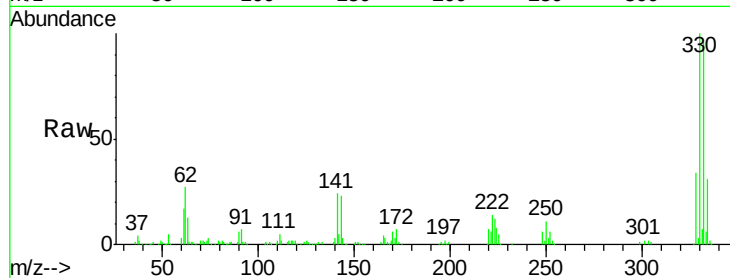




#41
 2,4,6-Tribromophenol
 Concen: 108.32 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

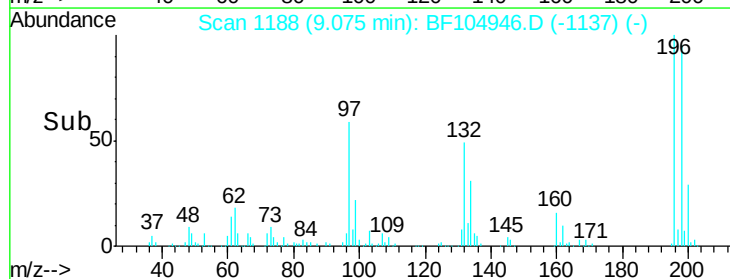
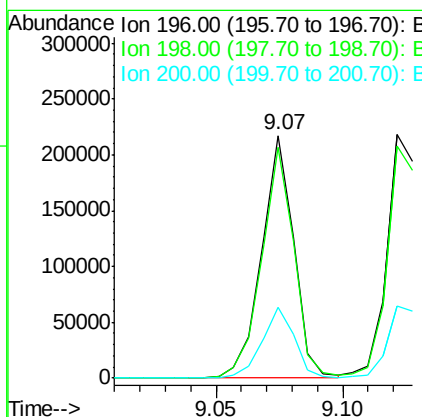
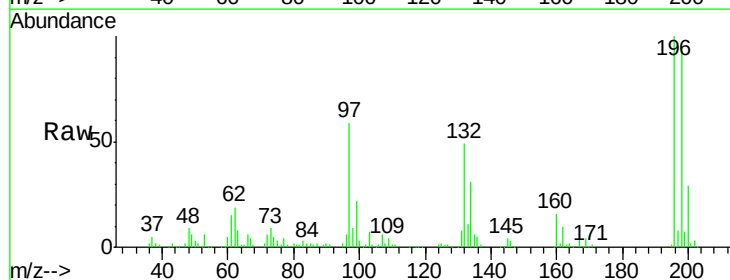
Instrument :
 BNA_F
 ClientSampleId :

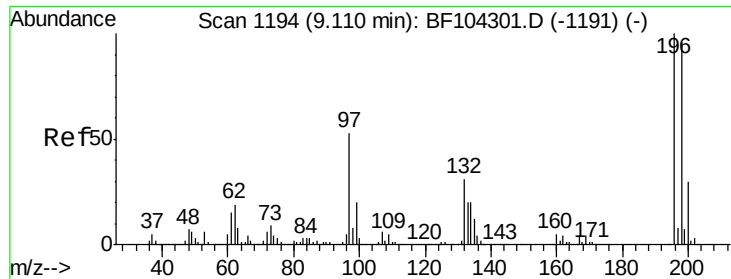
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	29.3	24.5	36.7

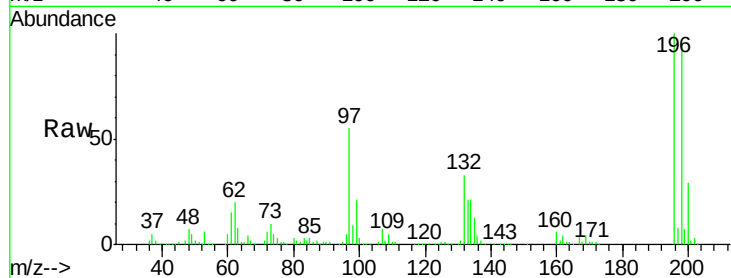




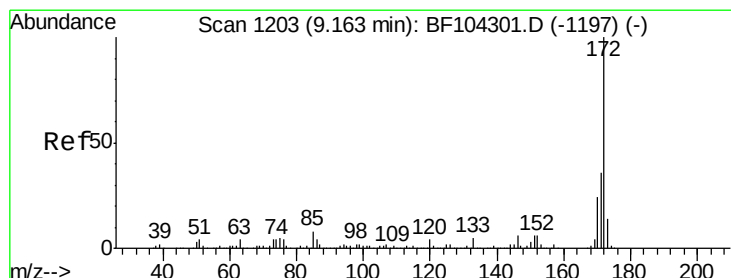
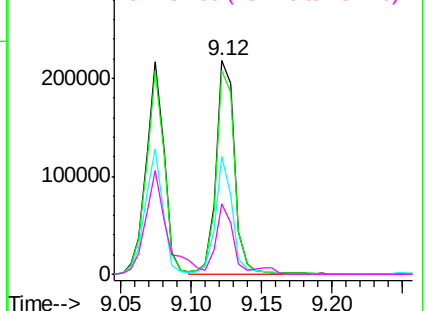
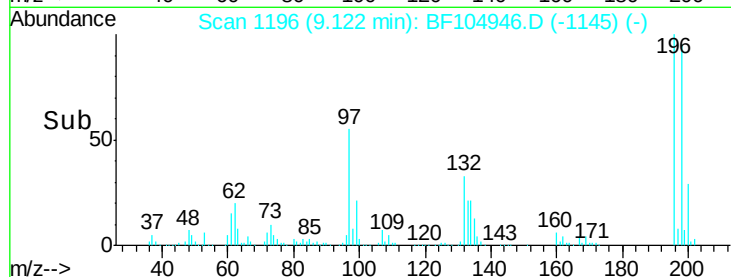
#43
 2,4,5-Trichlorophenol
 Concen: 37.18 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 197453
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 54.9 42.9 64.3
 132 32.7 26.3 39.5

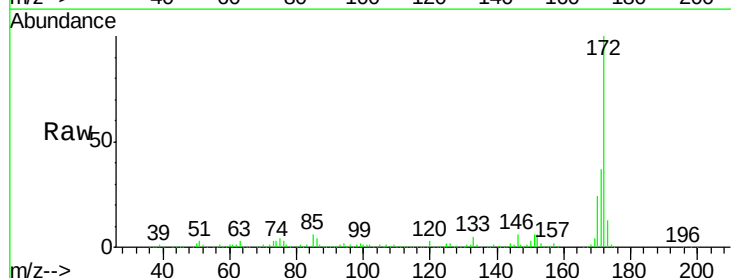


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

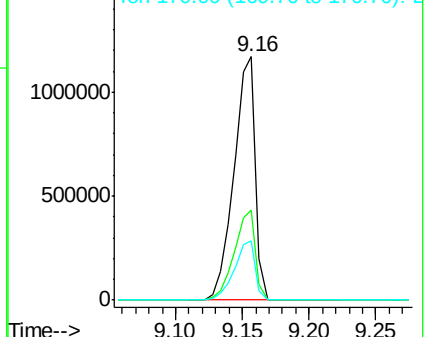
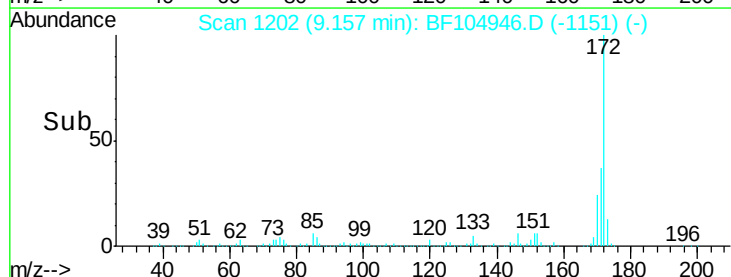


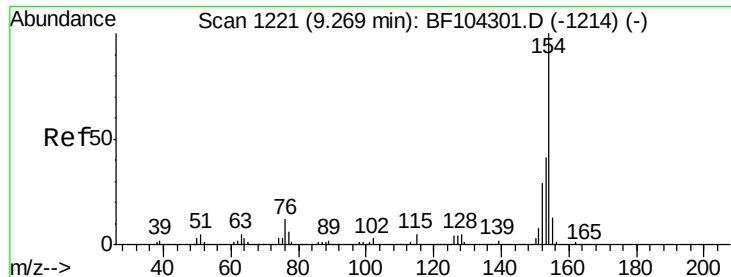
#44
 2-Fluorobiphenyl
 Concen: 86.48 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:172 Resp: 1307247
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.2 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

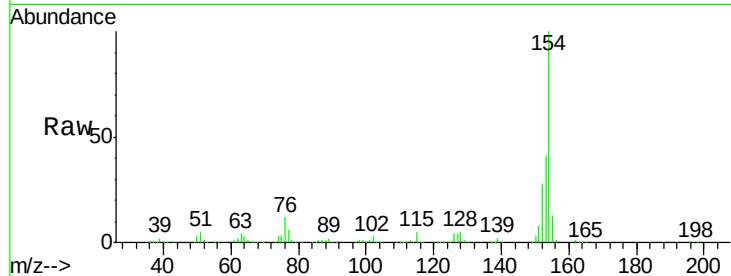




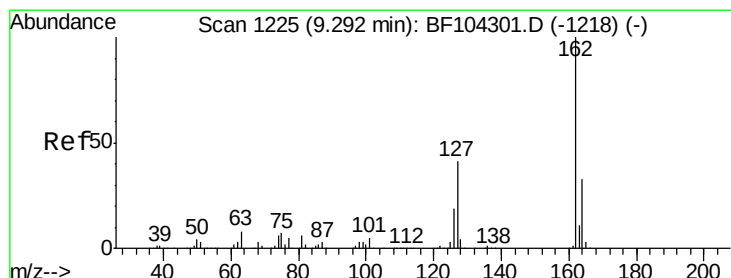
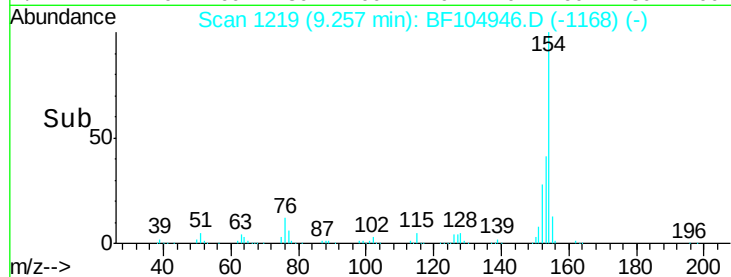
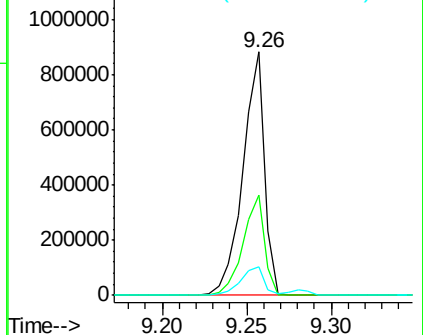
#45
 1,1'-Biphenyl
 Concen: 39.32 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	11.9	0.0	34.0

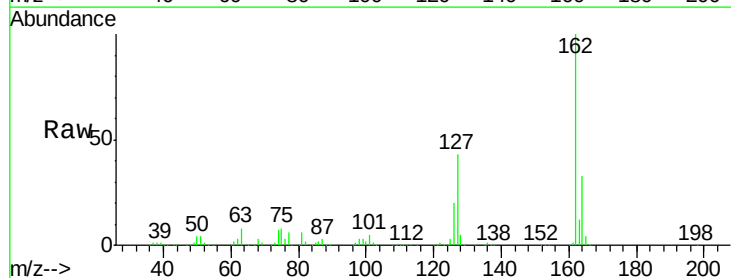


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

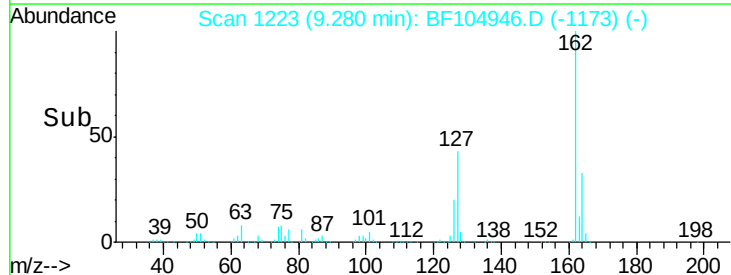
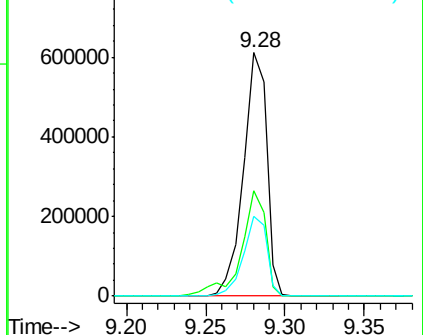


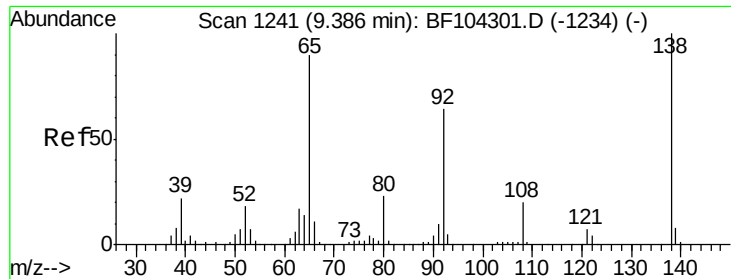
#46
 2-Chloronaphthalene
 Concen: 39.18 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.9	50.9
164	32.9	26.5	39.7



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

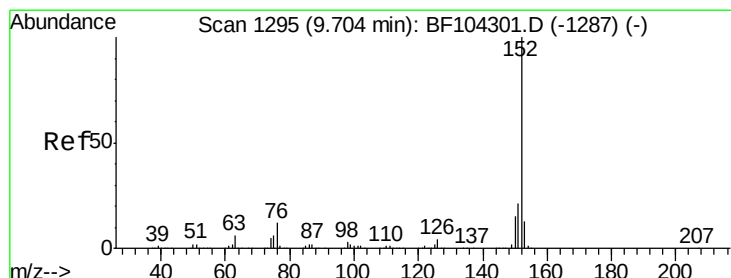
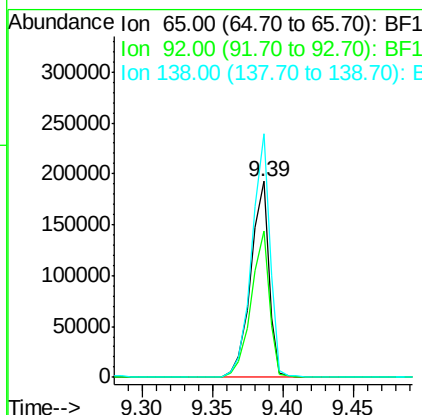
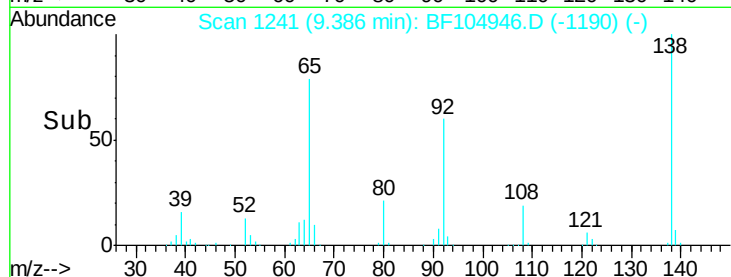
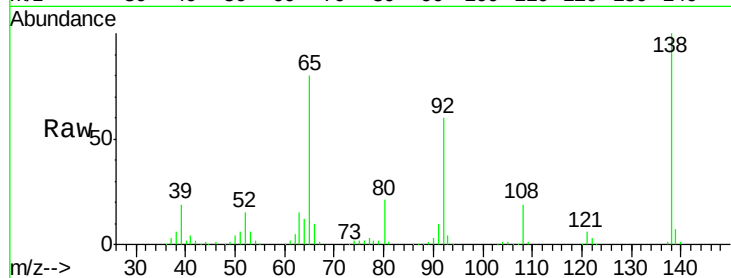




#47
 2-Nitroaniline
 Concen: 45.15 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

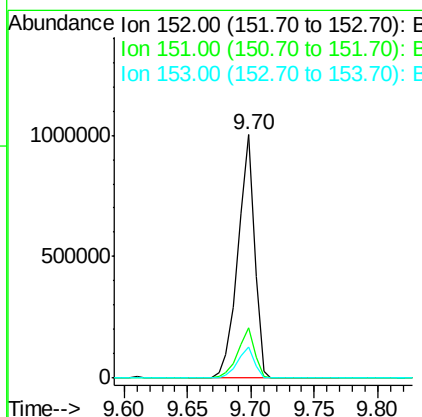
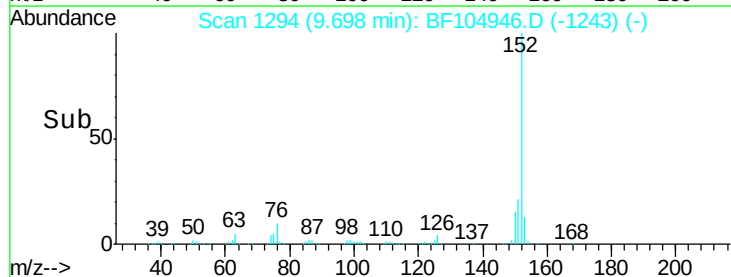
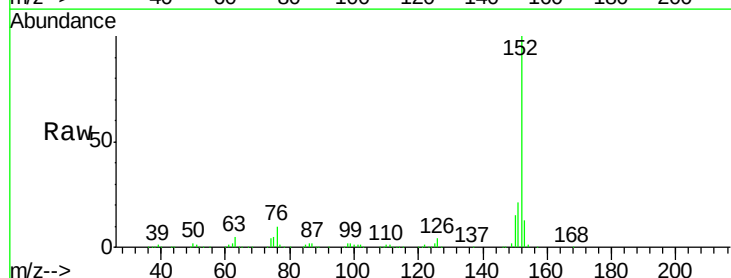
Instrument :
 BNA_F
 ClientSampleId :

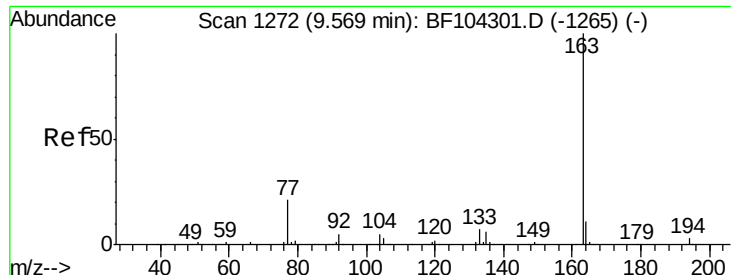
Tot Ion: 65 Resp: 176943
 Ion Ratio Lower Upper
 65 100
 92 75.0 55.8 83.6
 138 124.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.12 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion: 152 Resp: 897933
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.0 10.7 16.1

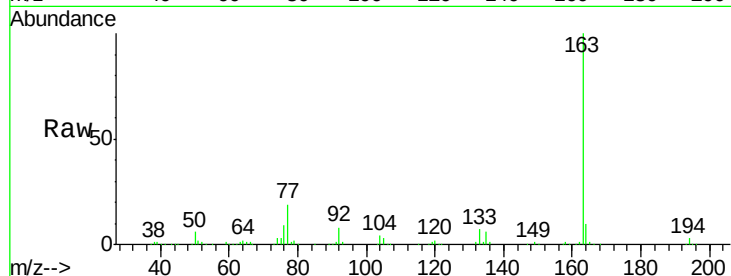




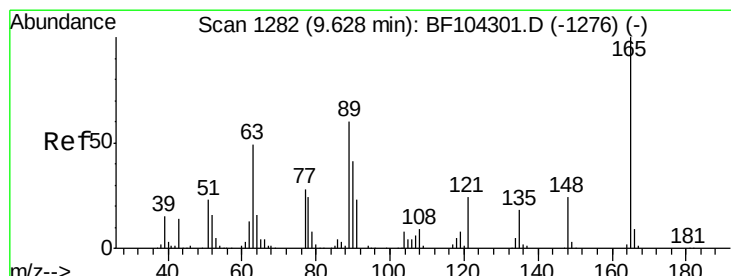
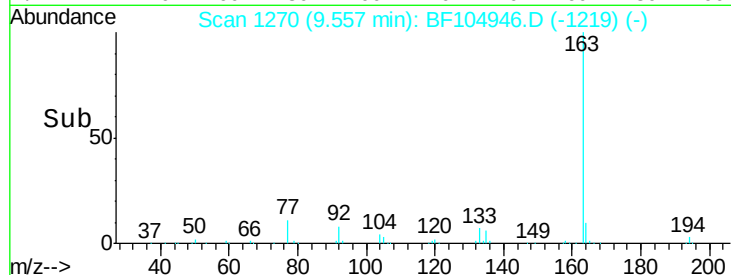
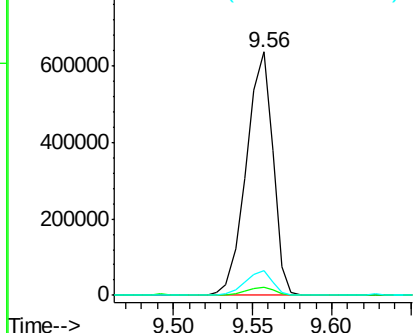
#49
Dimethylphthalate
Concen: 39.53 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 744338
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

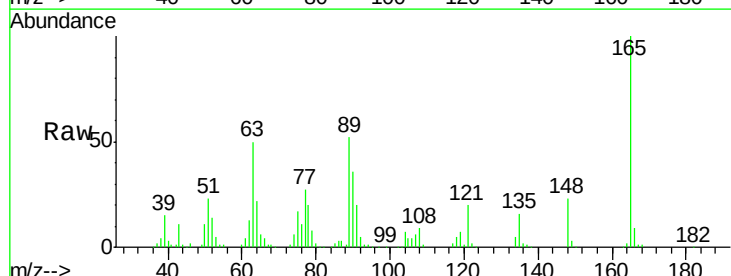


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

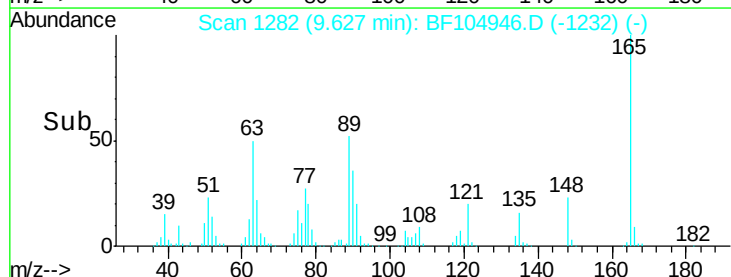
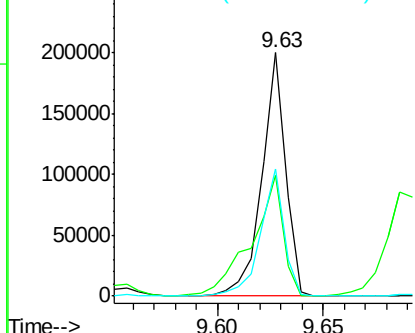


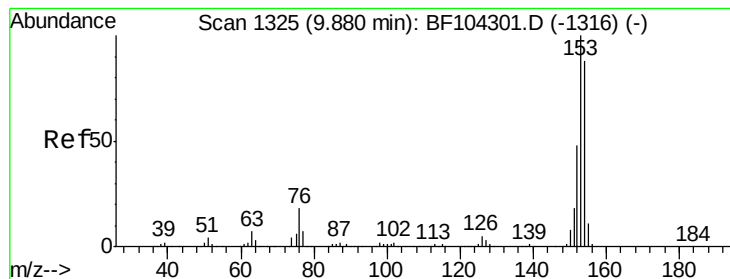
#50
2,6-Dinitrotoluene
Concen: 45.13 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:165 Resp: 157274
Ion Ratio Lower Upper
165 100
63 49.6 44.7 67.1
89 52.4 44.0 66.0



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





#51

Acenaphthene

Concen: 34.85 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

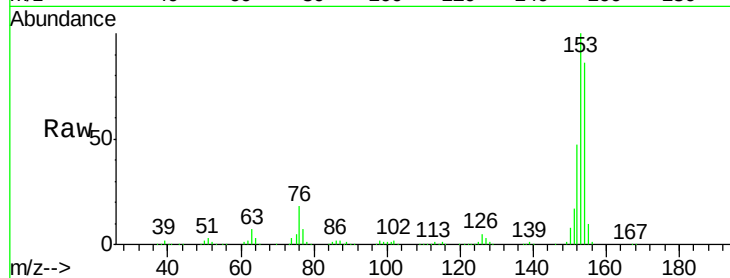
Tot Ion:154 Resp: 528654

Ion Ratio Lower Upper

154 100

153 116.1 91.2 136.8

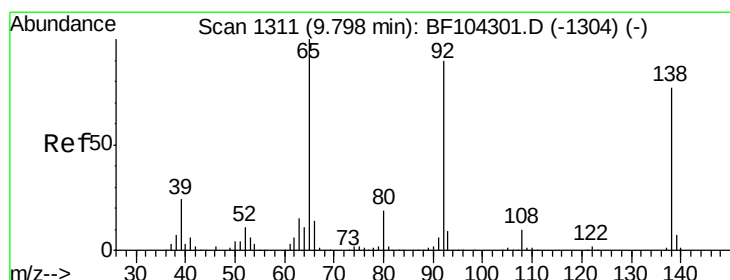
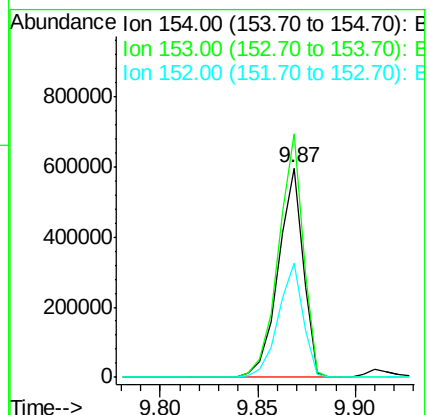
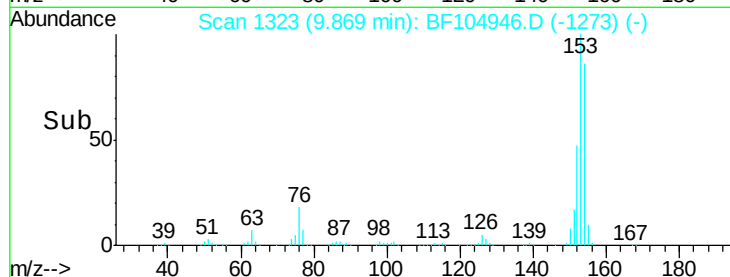
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.70 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

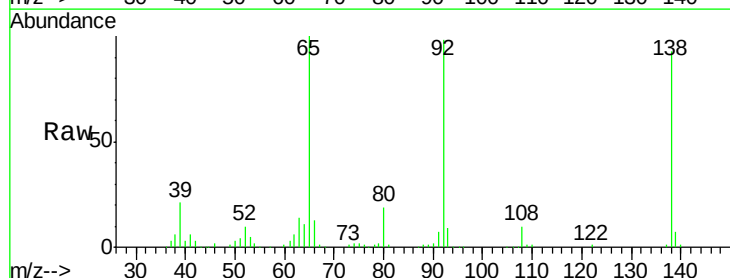
Tgt Ion:138 Resp: 104838

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

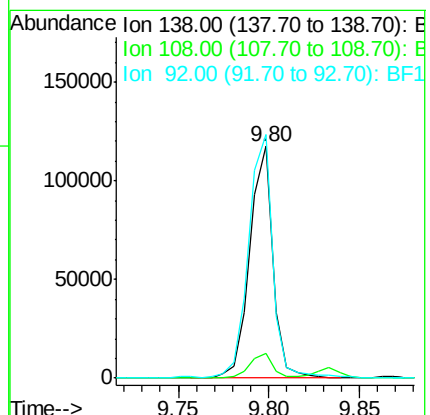
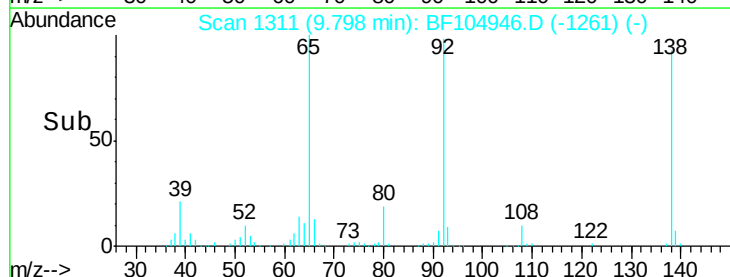
92 105.0 89.4 134.2

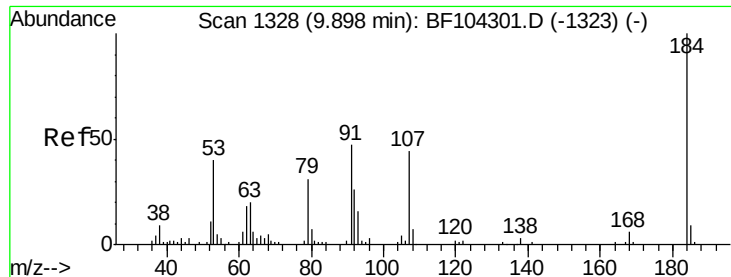


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

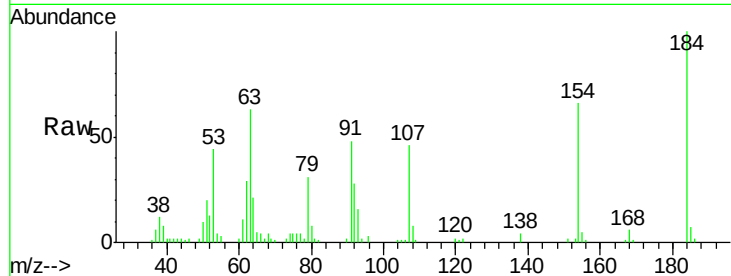




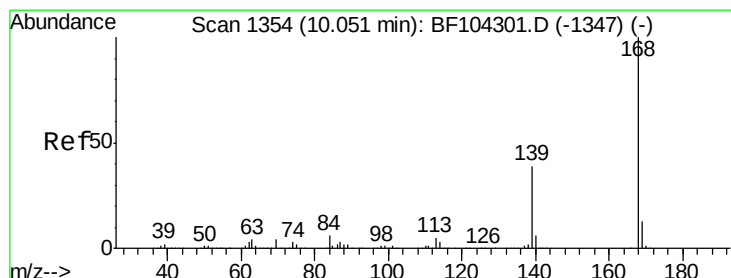
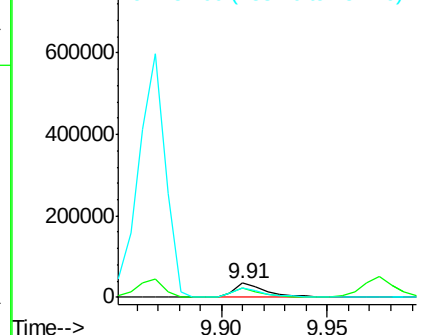
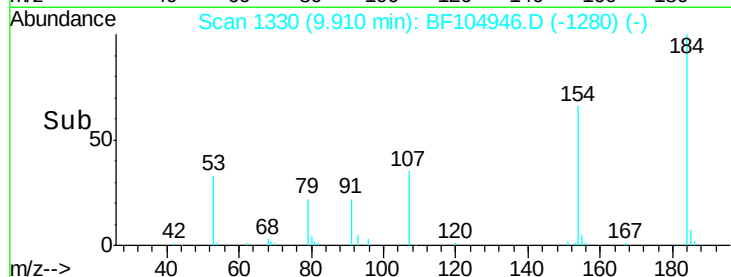
#53
 2,4-Dinitrophenol
 Concen: 36.32 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 37187
 Ion Ratio Lower Upper
 184 100
 63 63.4 54.2 81.2
 154 66.3 184.0 276.0#

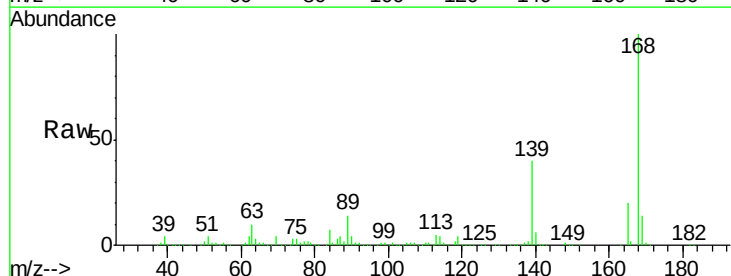


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

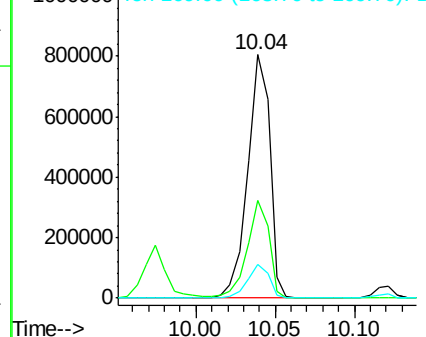
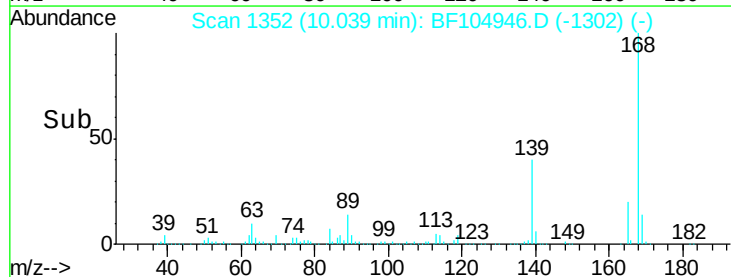


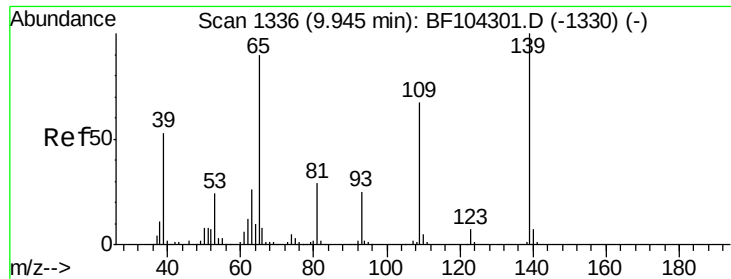
#54
 Dibenzofuran
 Concen: 36.82 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:168 Resp: 778414
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.8 10.9 16.3



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

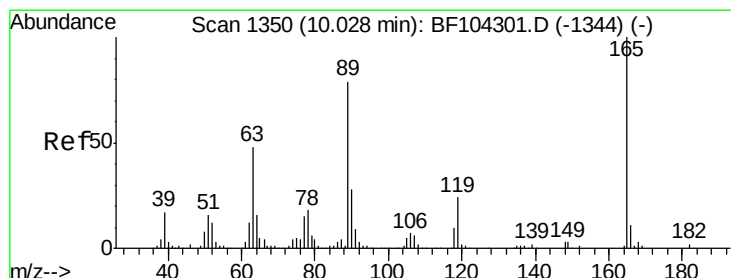
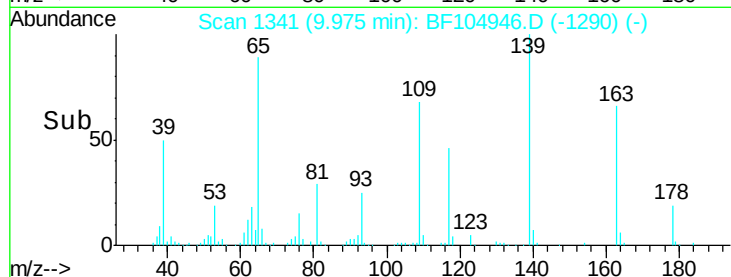
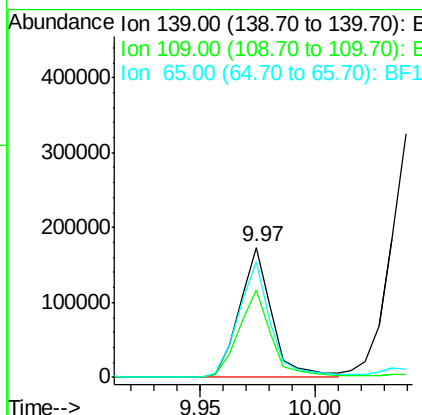
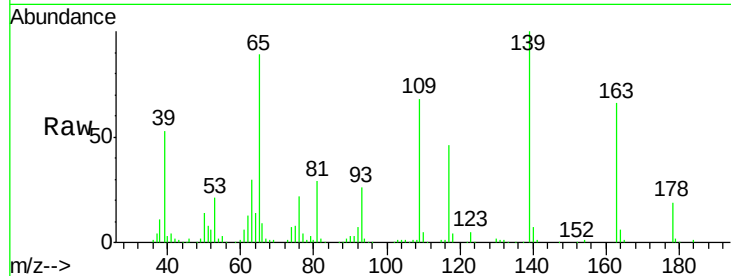




#55
4-Nitrophenol
Concen: 53.26 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

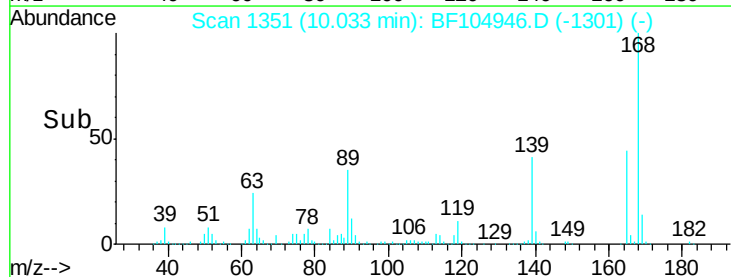
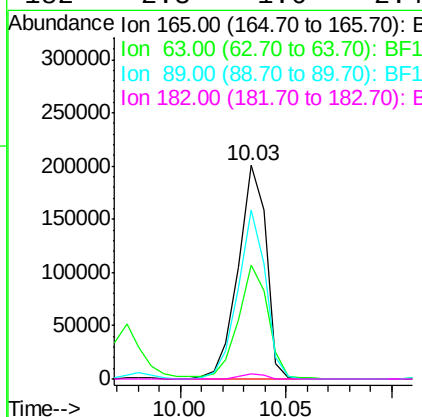
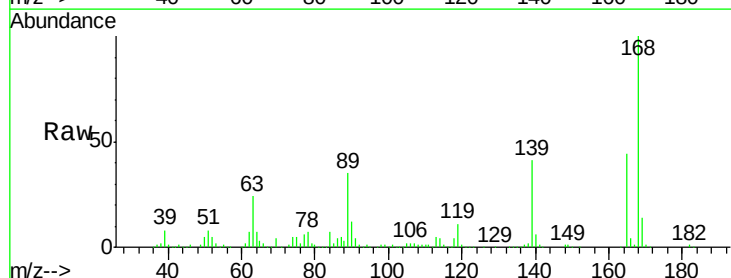
Instrument :
BNA_F
ClientSampled :

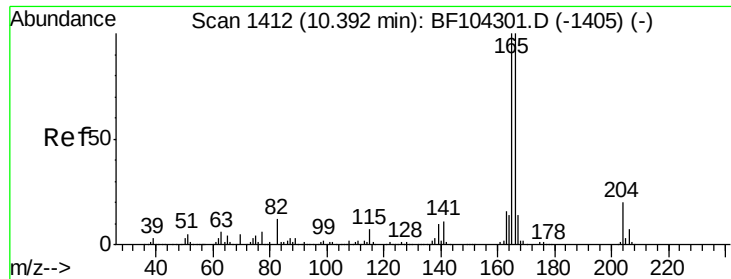
Tot Ion:139 Resp: 170660
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 89.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.42 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:165 Resp: 184737
Ion Ratio Lower Upper
165 100
63 53.5 36.4 54.6
89 78.9 57.8 86.6
182 2.3 1.6 2.4

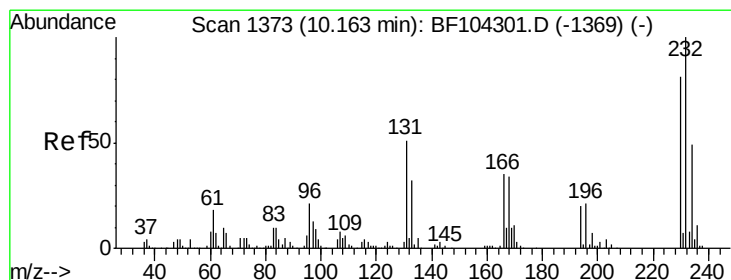
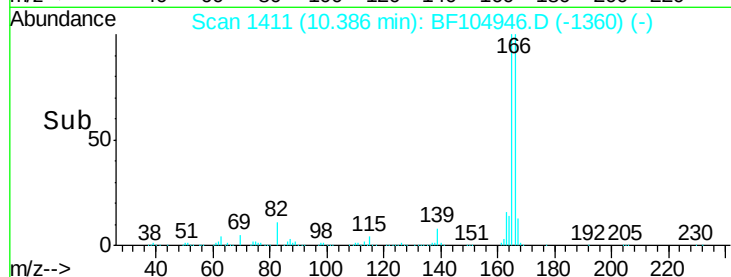
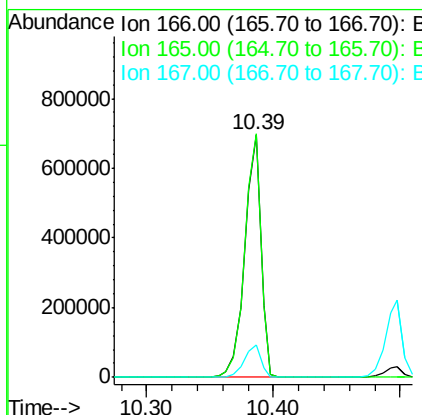
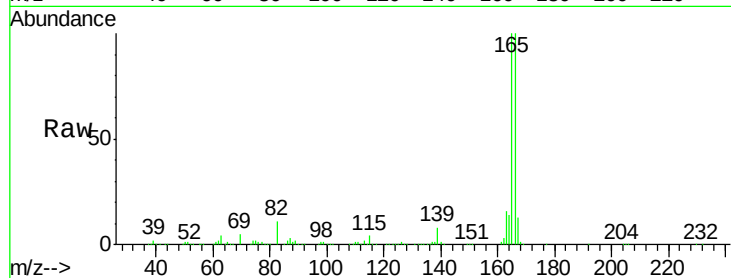




#57
 Fluorene
 Concen: 39.72 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

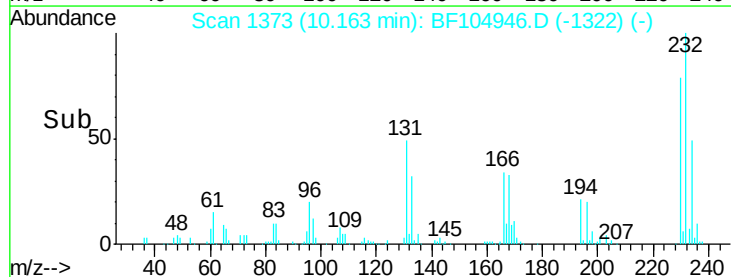
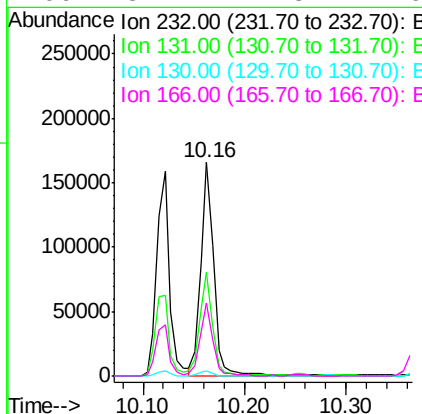
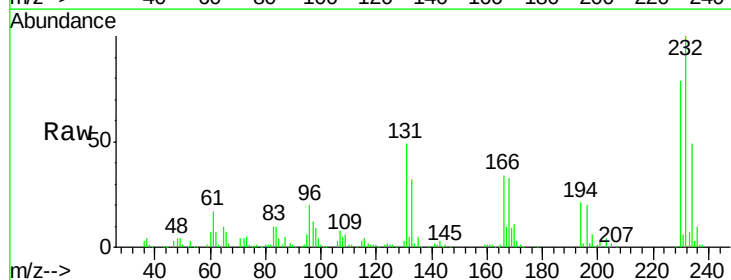
Instrument :
 BNA_F
 ClientSampleId :

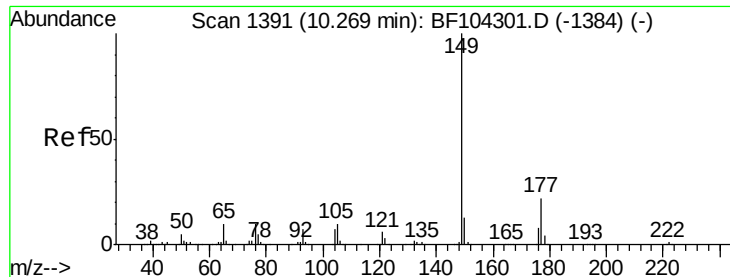
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.29 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	43.8	65.8
130	2.3	2.1	3.1
166	34.2	27.8	41.6





#59

Diethylphthalate

Concen: 37.18 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

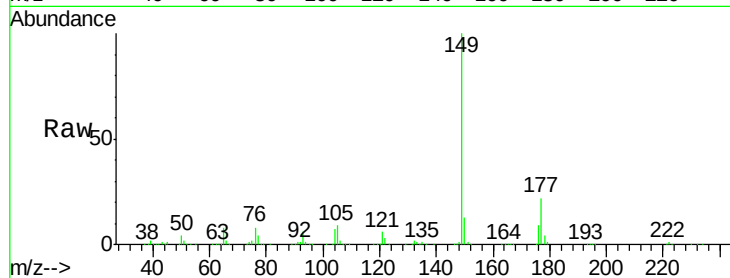
Tot Ion:149 Resp: 697316

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

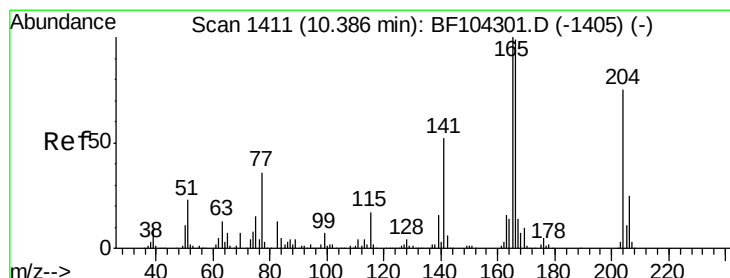
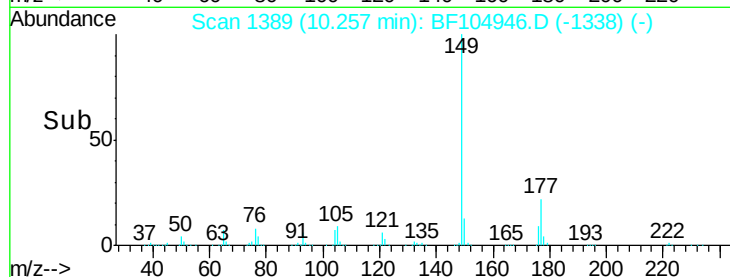
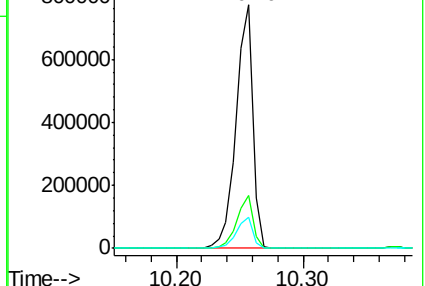
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.38 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

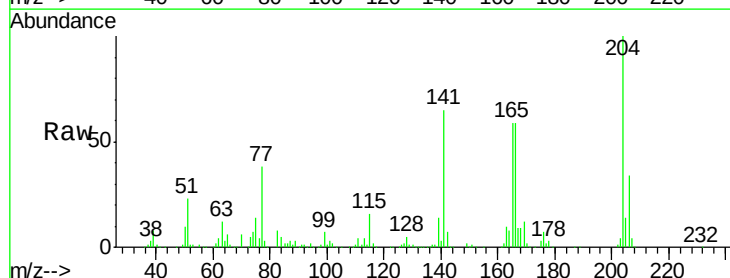
Tgt Ion:204 Resp: 290407

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

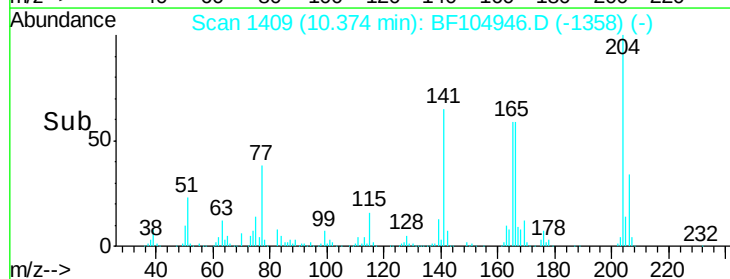
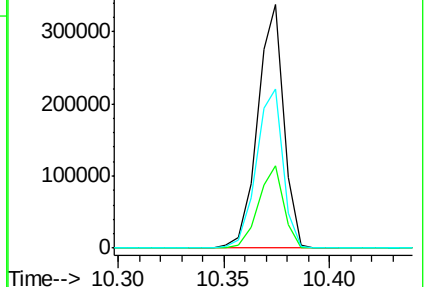
141 65.5 54.6 81.8

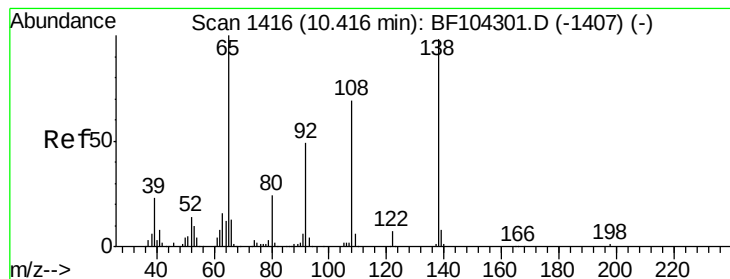


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.07 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampled :

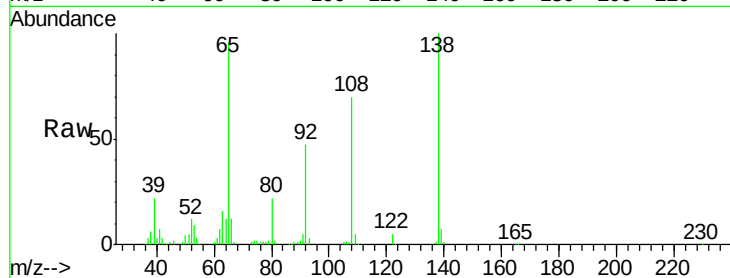
Tot Ion:138 Resp: 147858

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

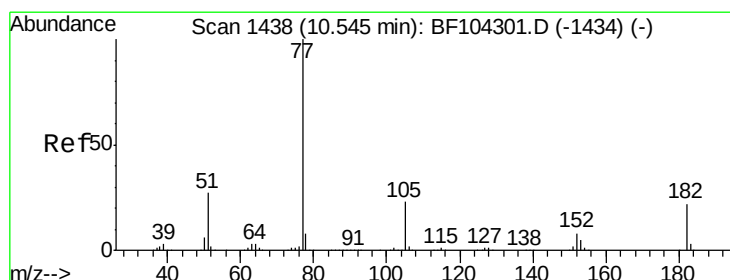
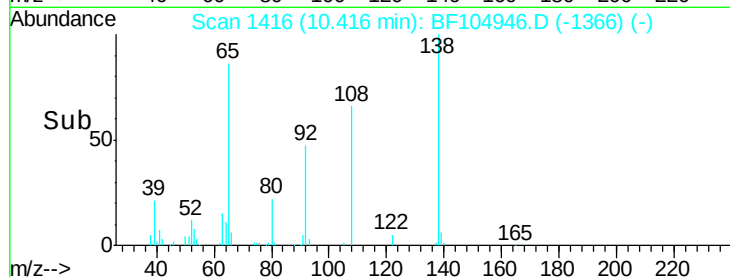
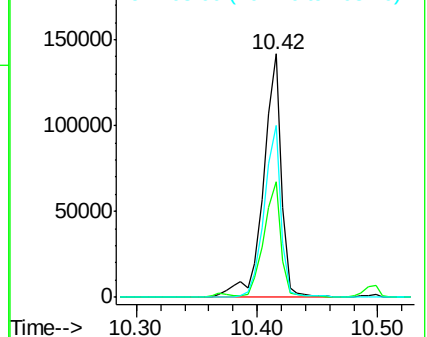
108 70.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.97 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion: 77 Resp: 608773

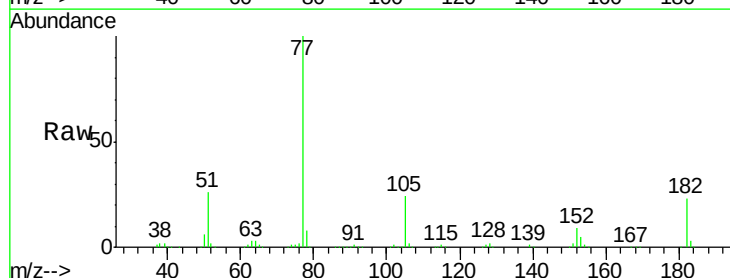
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 23.8 3.0 43.0

51 25.9 9.9 49.9

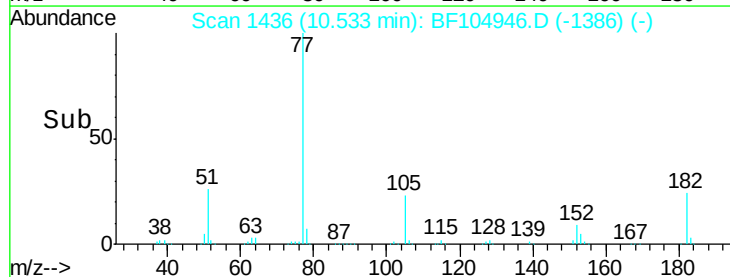
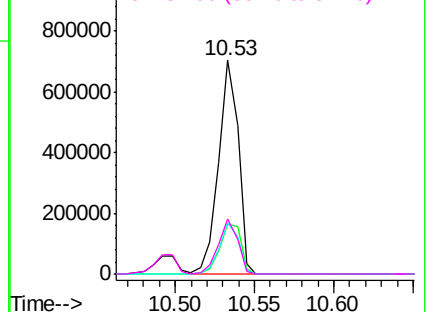


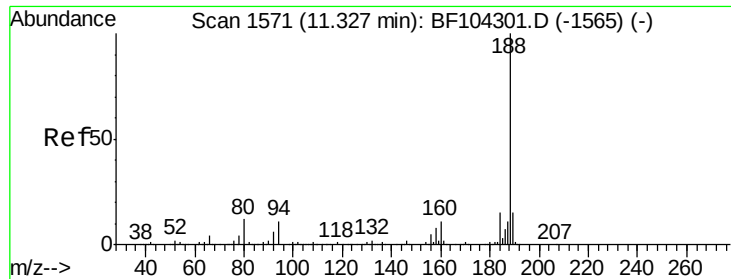
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

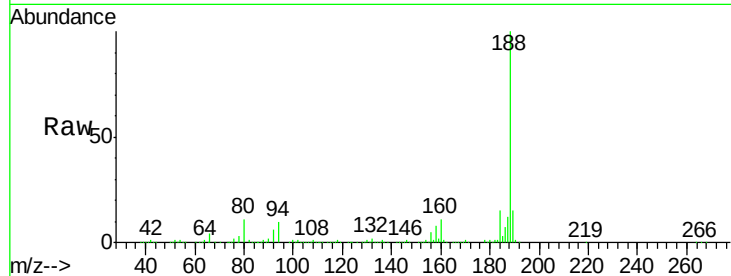
Tot Ion:188 Resp: 379199

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

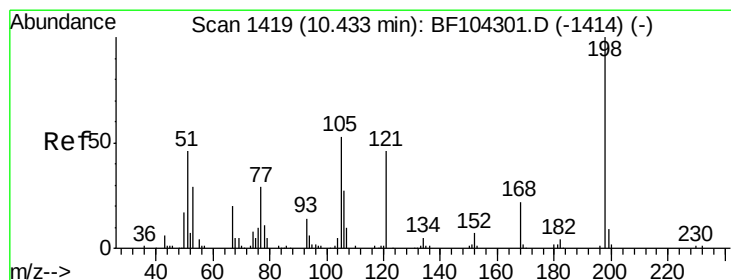
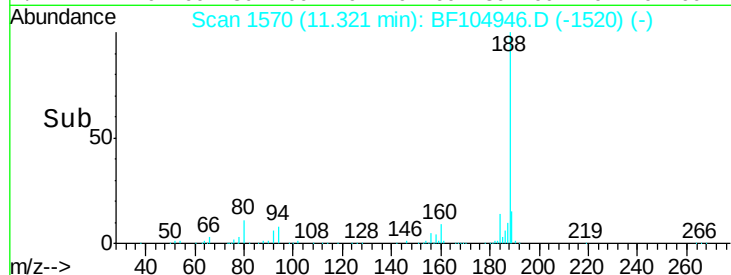
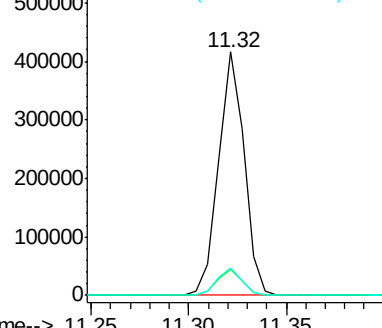
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 22.10 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

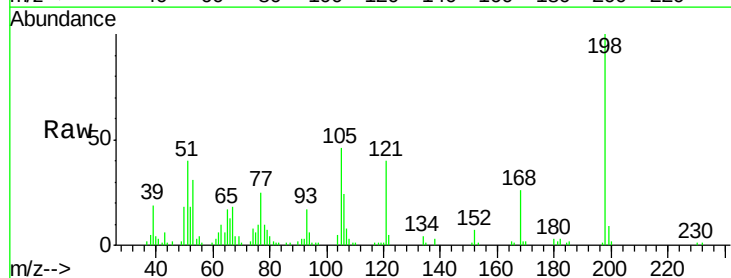
Tgt Ion:198 Resp: 32178

Ion Ratio Lower Upper

198 100

51 40.4 37.7 77.7

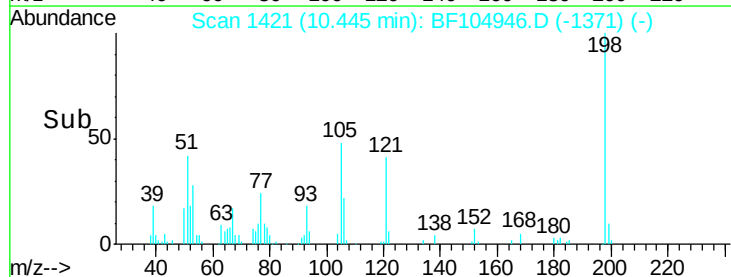
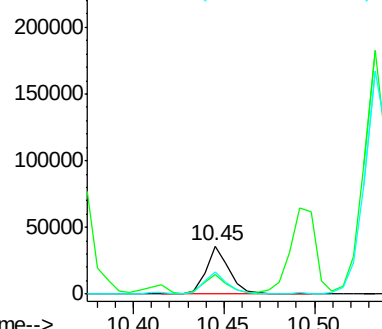
105 46.1 36.3 76.3

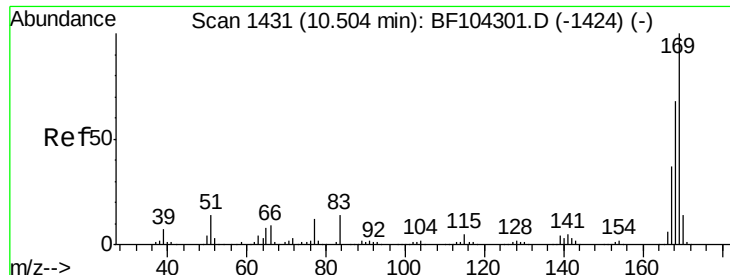


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

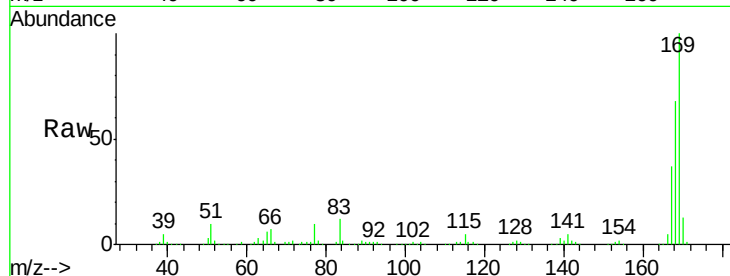




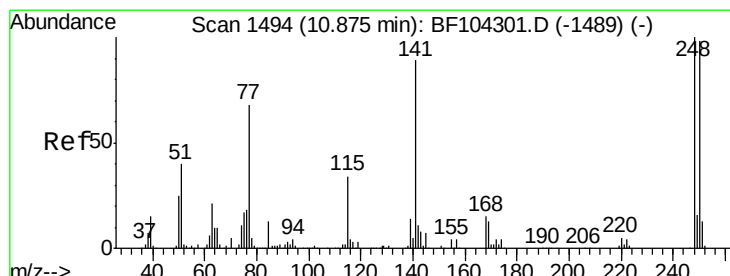
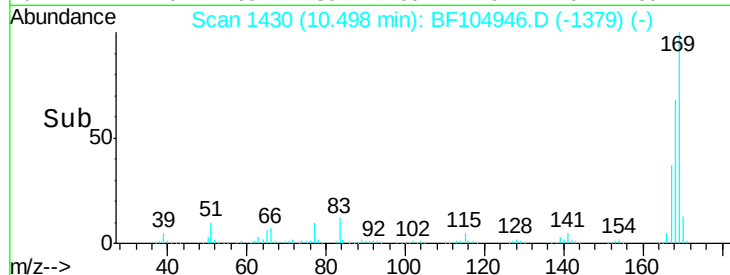
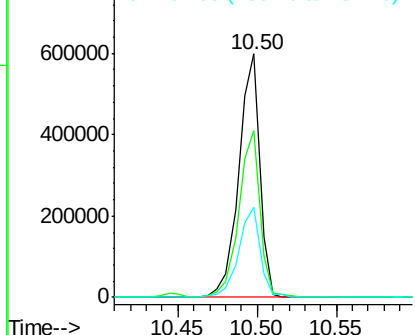
#65
 n-Nitrosodiphenylamine
 Concen: 41.69 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.0	29.8	44.6

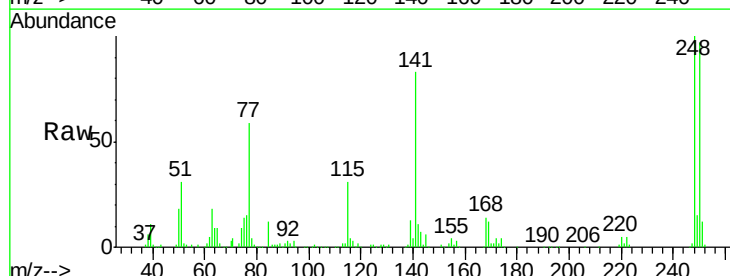


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

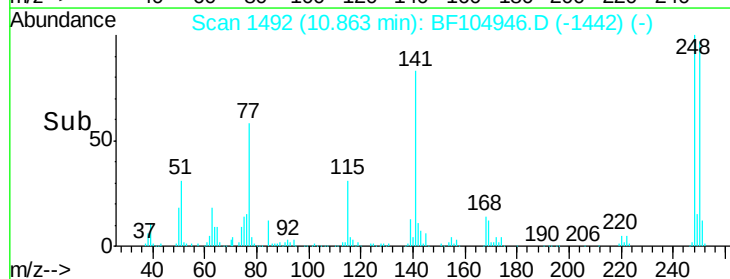
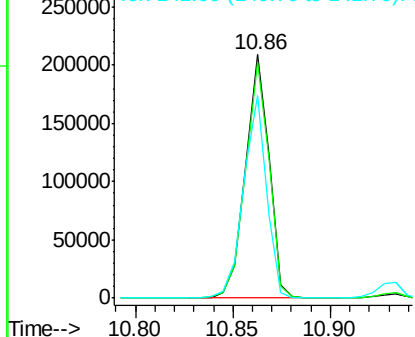


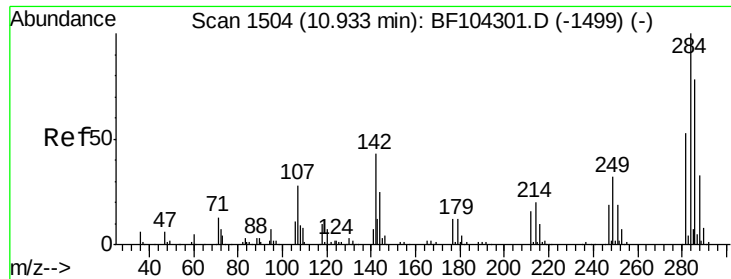
#66
 4-Bromophenyl-phenylether
 Concen: 43.36 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	83.4	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

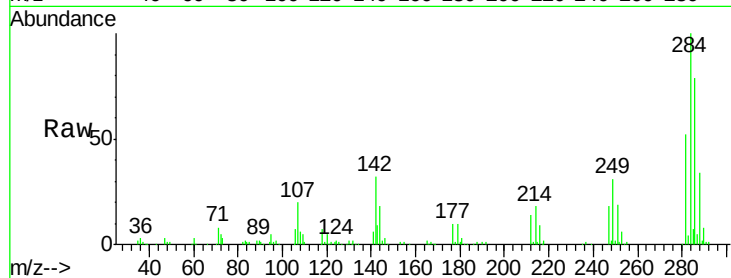




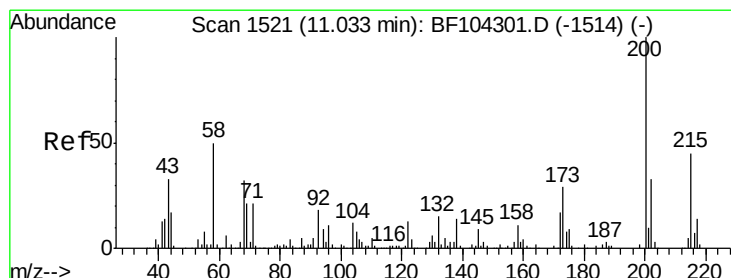
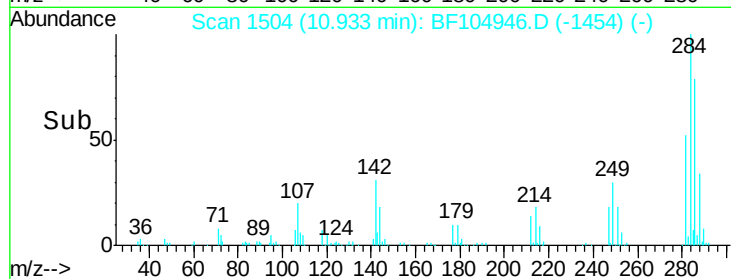
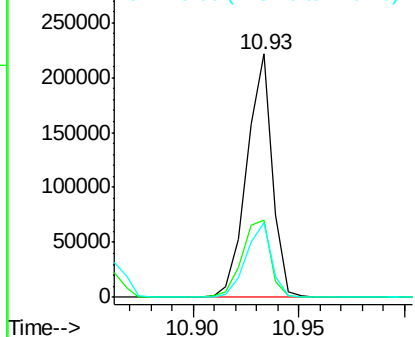
#67
Hexachlorobenzene
Concen: 40.88 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	34.6	52.0#
249	30.8	24.8	37.2

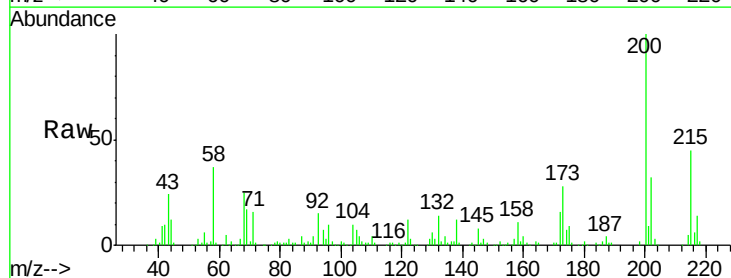


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

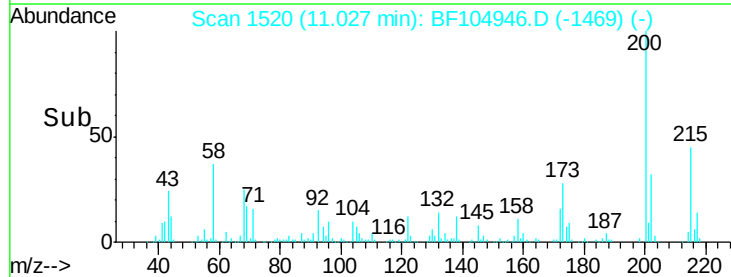
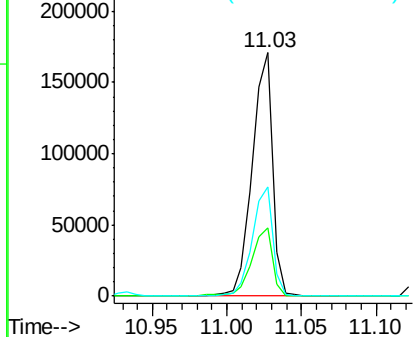


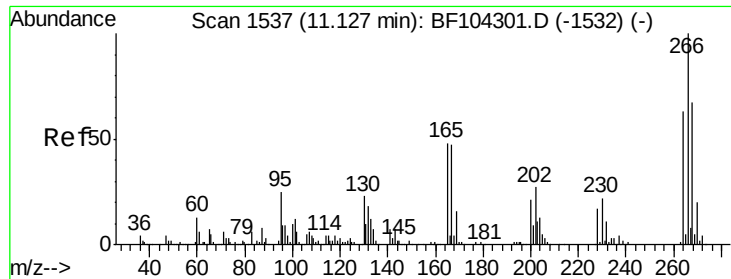
#68
Atrazine
Concen: 40.31 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.6	48.6
215	44.9	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

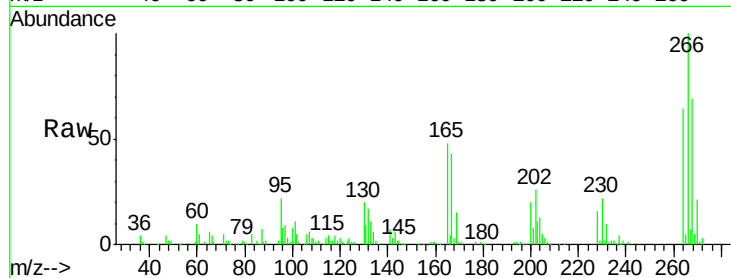




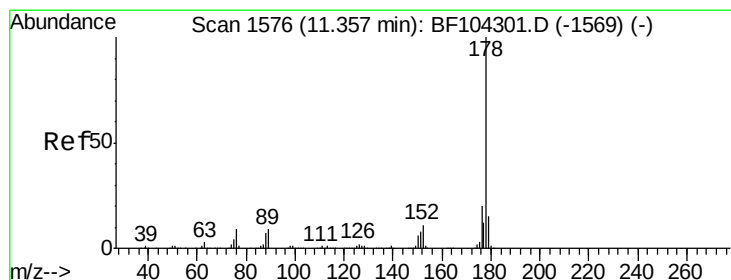
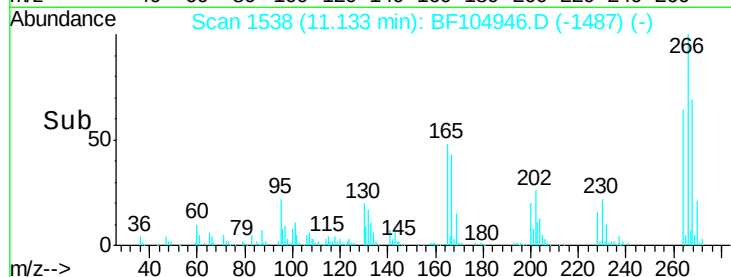
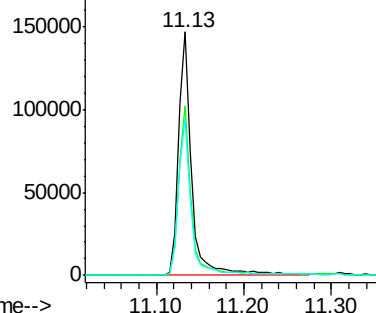
#69
 Pentachlorophenol
 Concen: 55.45 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.4	51.1	76.7
264	64.1	49.5	74.3

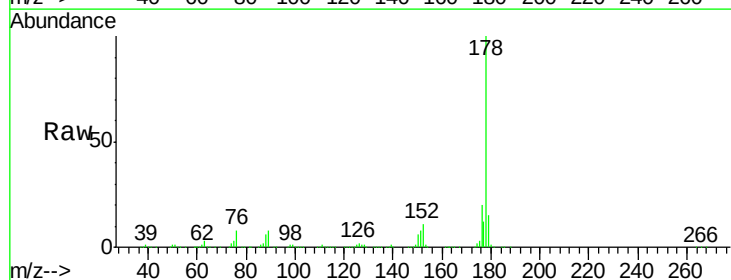


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

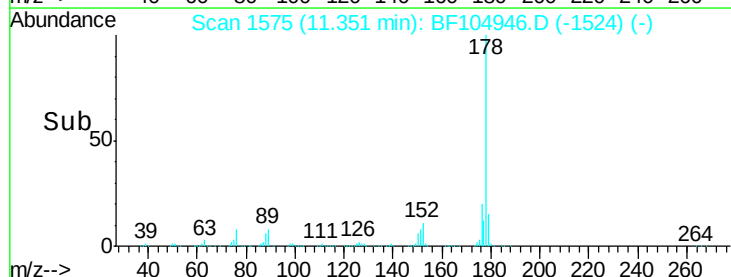
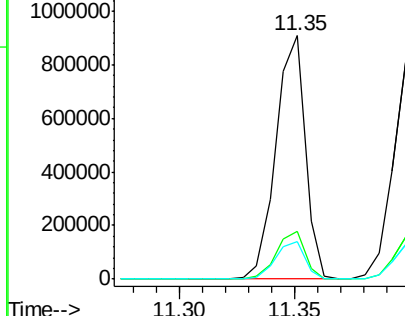


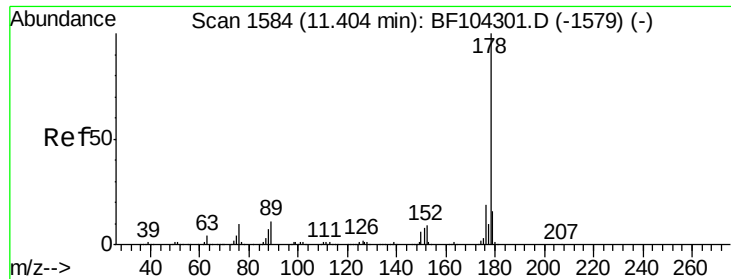
#70
 Phenanthrene
 Concen: 38.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	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

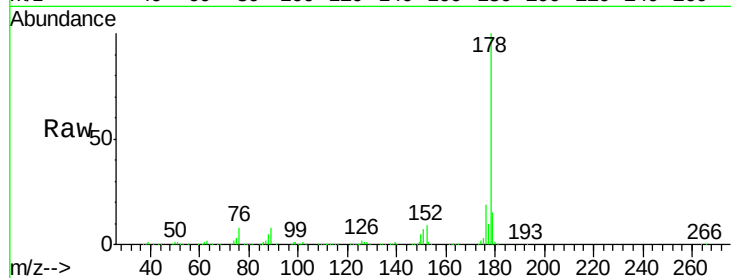




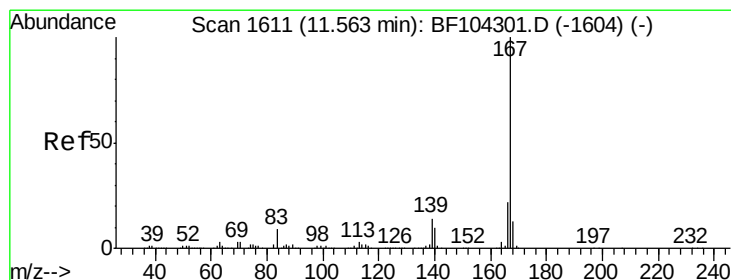
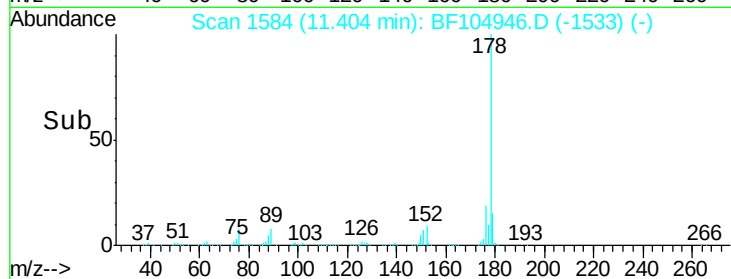
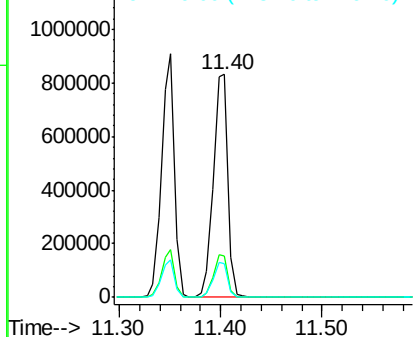
#71
 Anthracene
 Concen: 38.71 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 830845
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0

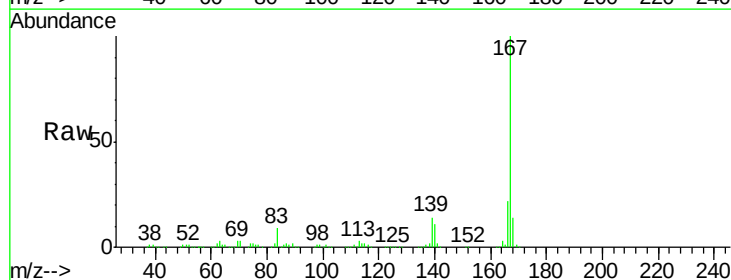


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

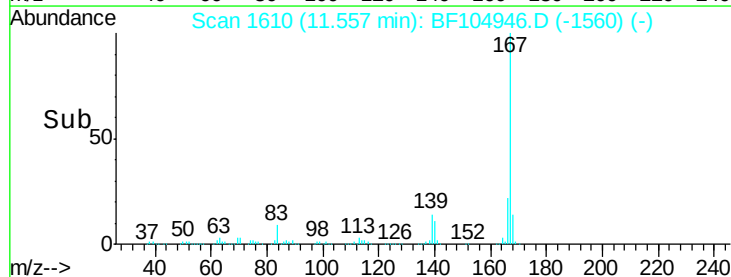
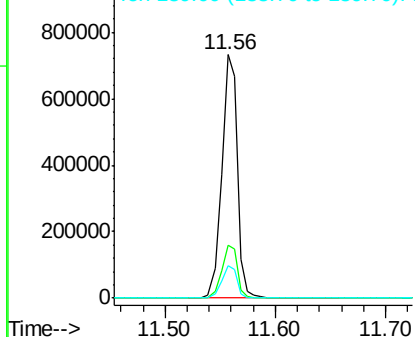


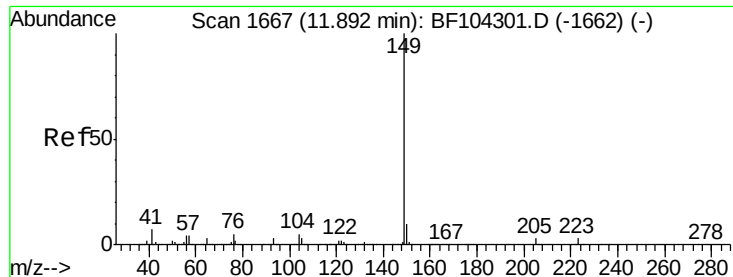
#72
 Carbazole
 Concen: 34.27 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:167 Resp: 718780
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

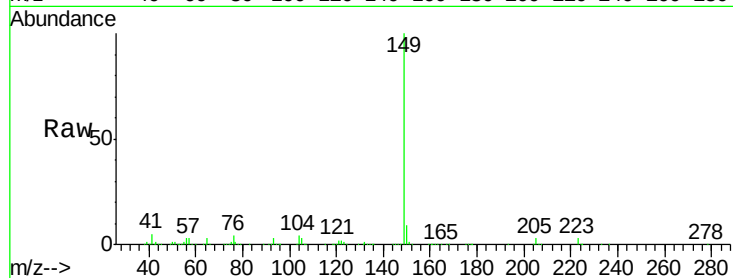
Tot Ion:149 Resp: 980503

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

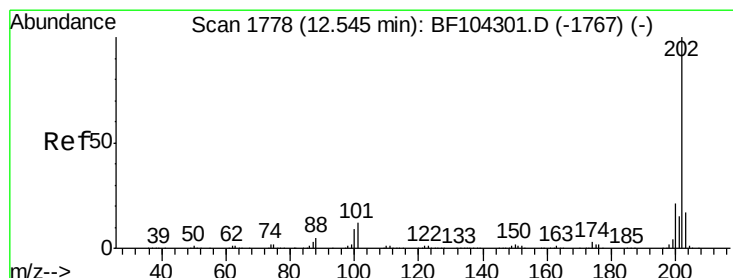
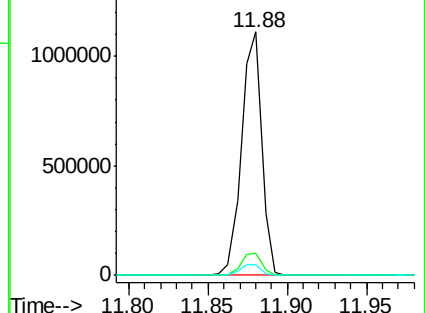
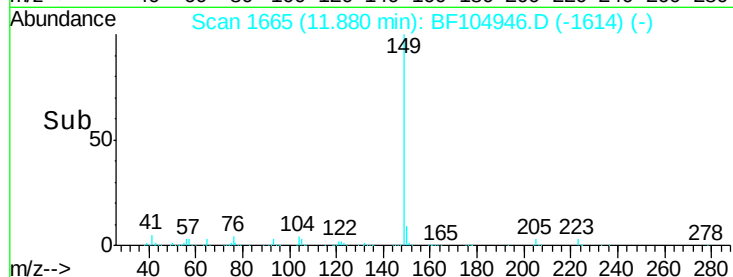
104 4.5 3.8 5.8



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: 32.89 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

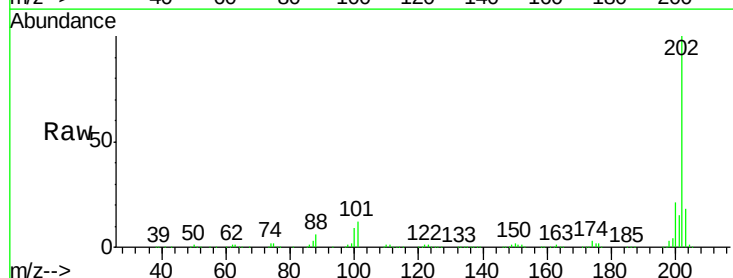
Tgt Ion:202 Resp: 725764

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

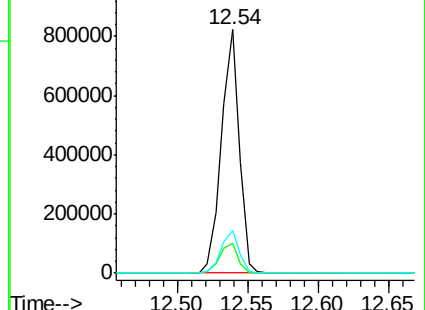
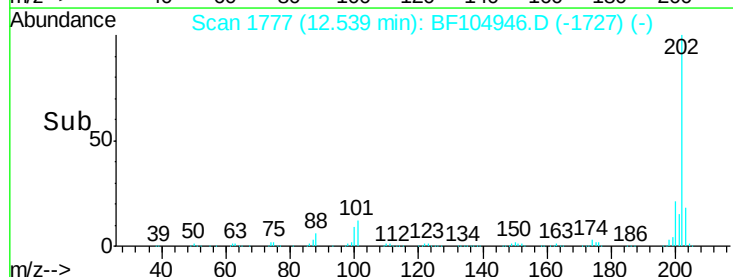
203 17.6 0.0 38.1

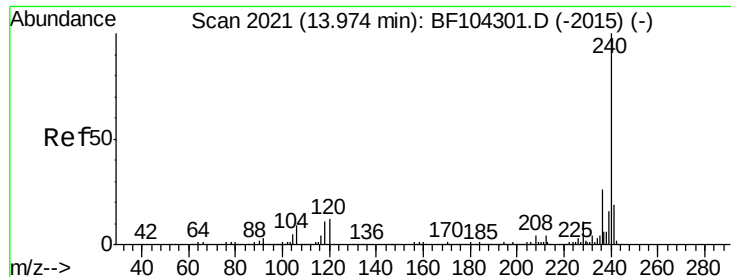


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

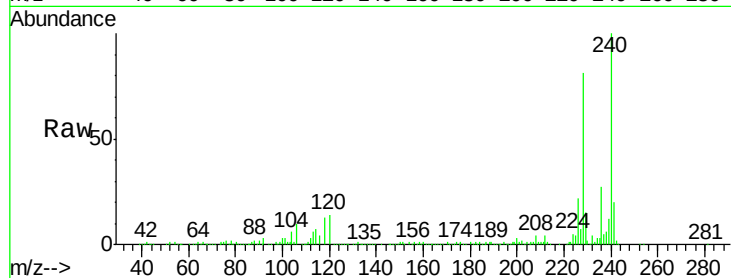
Tot Ion:240 Resp: 244421

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

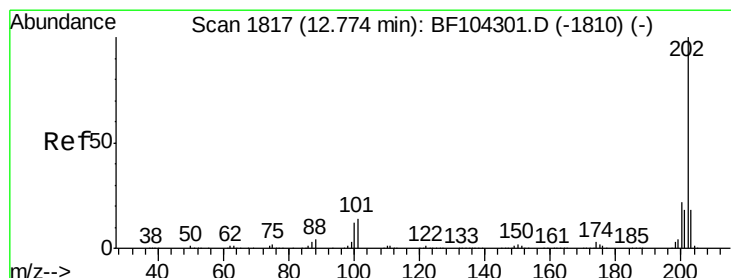
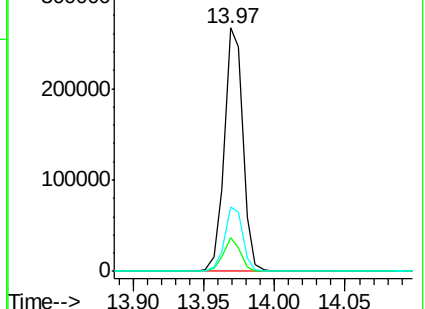
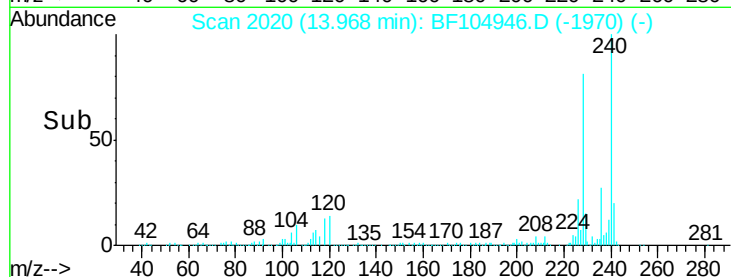
236 26.6 20.7 31.1



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



#77

Pyrene

Concen: 39.60 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

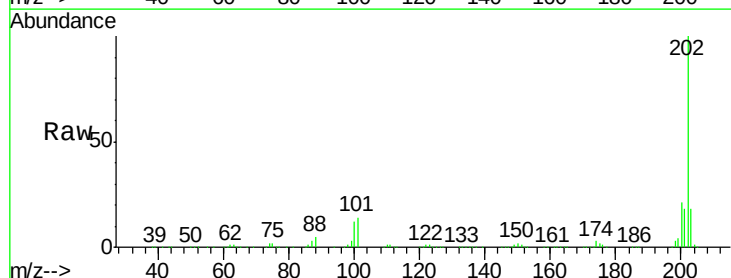
Tgt Ion:202 Resp: 717506

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

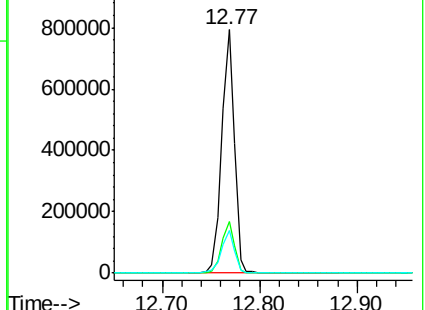
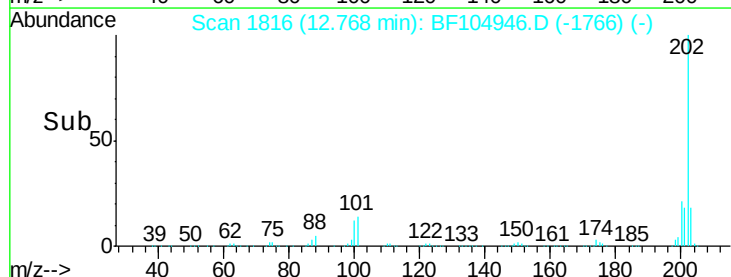
203 17.6 14.3 21.5

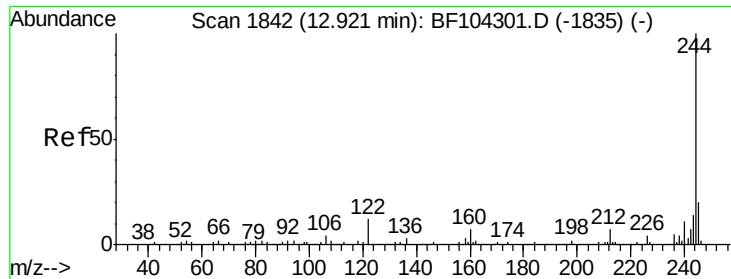


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

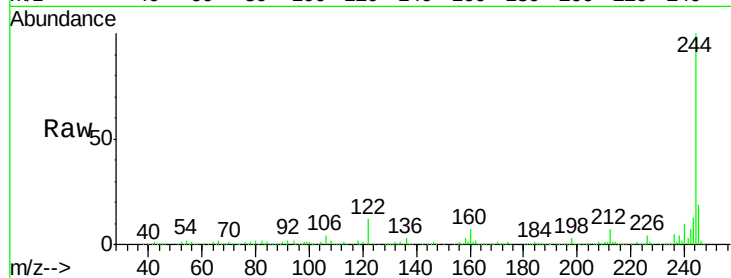




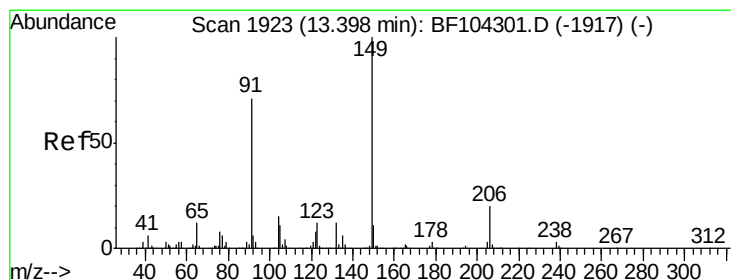
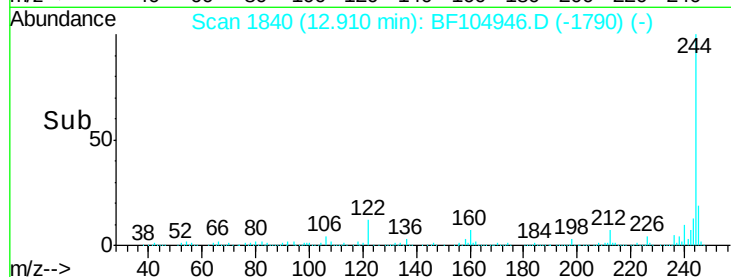
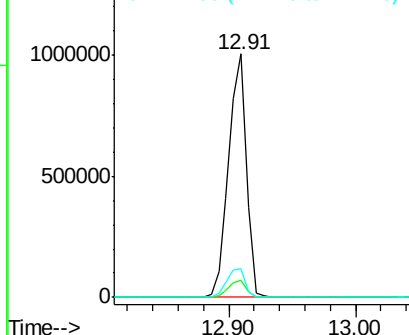
#78
 Terphenyl-d14
 Concen: 90.80 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 973448
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

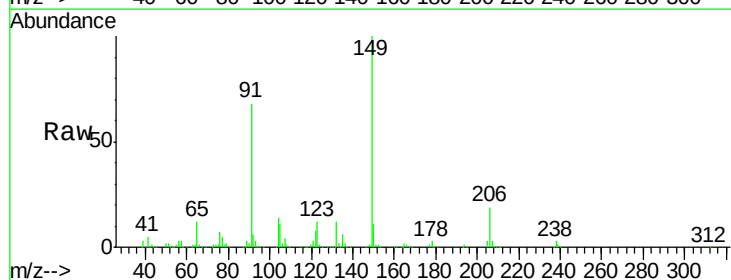


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

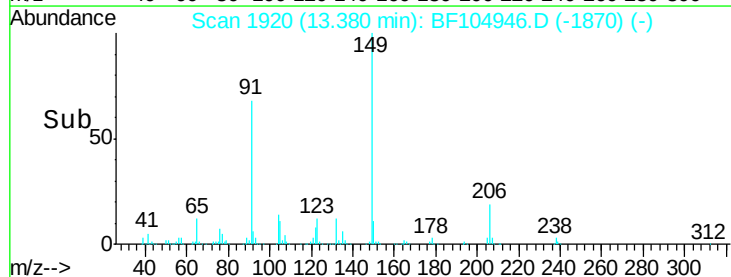
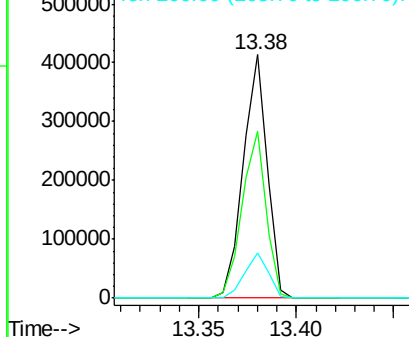


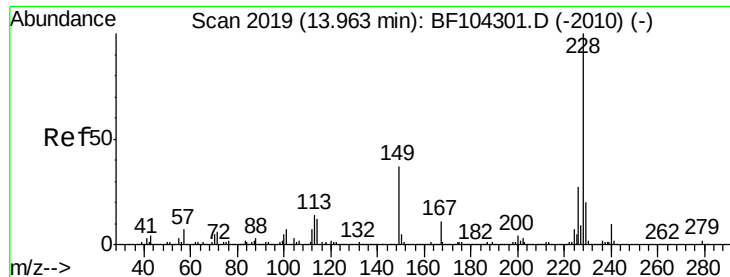
#79
 Butylbenzylphthalate
 Concen: 41.28 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:149 Resp: 352317
 Ion Ratio Lower Upper
 149 100
 91 68.3 56.8 85.2
 206 18.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.79 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

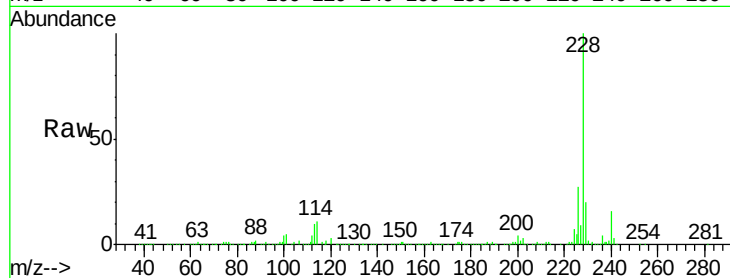
Tot Ion:228 Resp: 610146

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

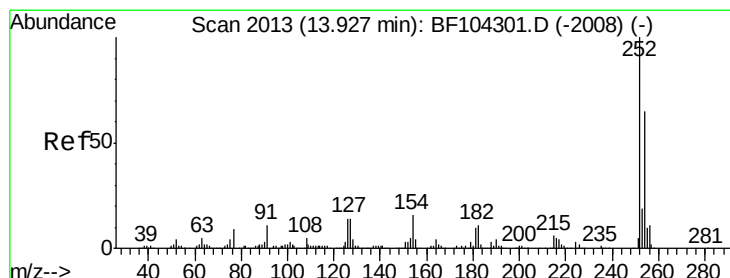
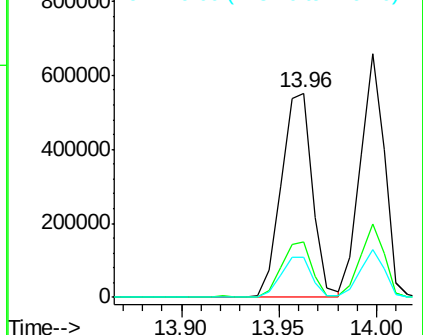
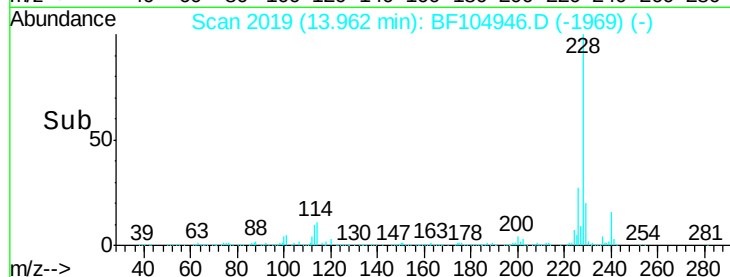
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 29.72 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

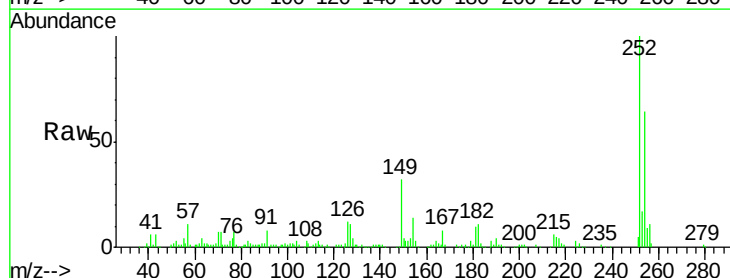
Tgt Ion:252 Resp: 161810

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

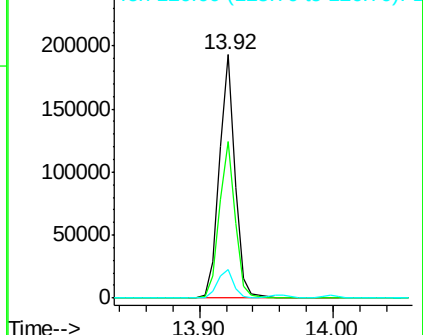
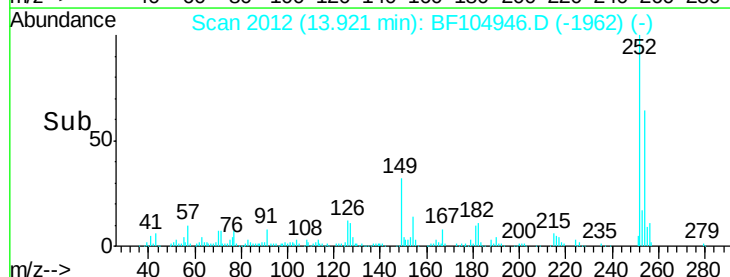
126 12.0 11.3 16.9

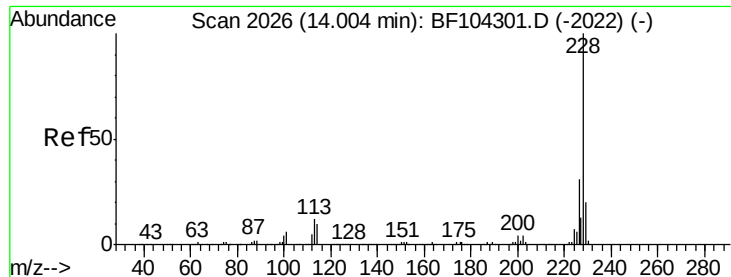


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.77 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

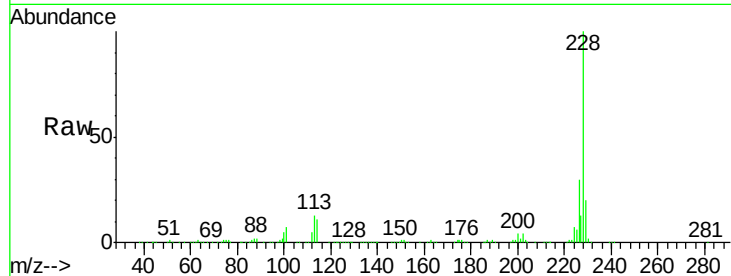
Tot Ion:228 Resp: 566518

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

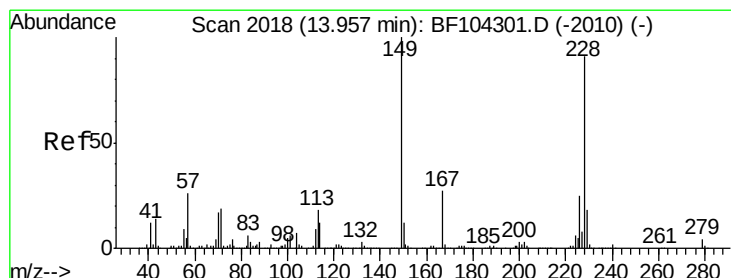
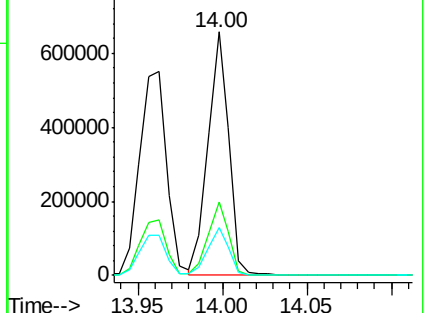
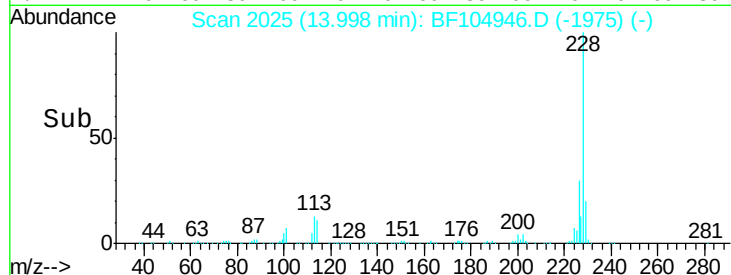
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.68 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

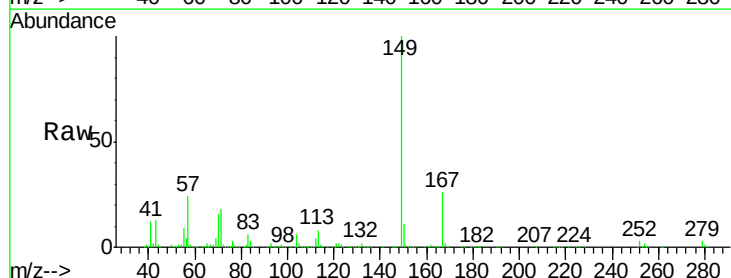
Tgt Ion:149 Resp: 490470

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

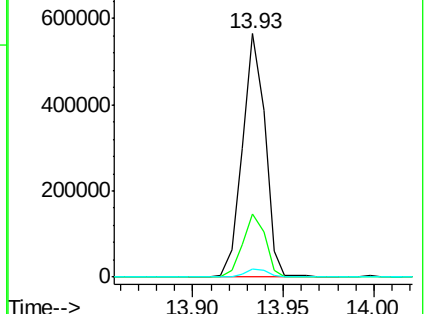
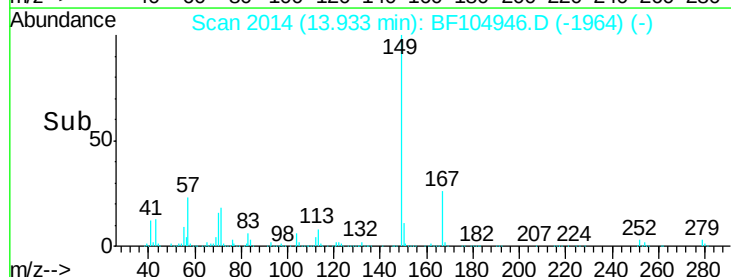
279 3.3 3.0 4.4

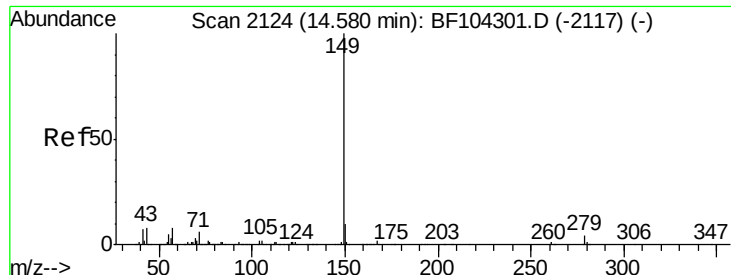


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

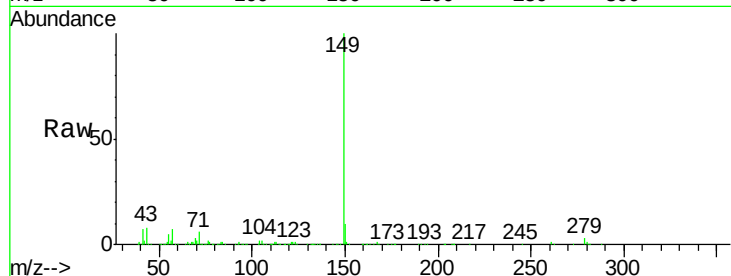




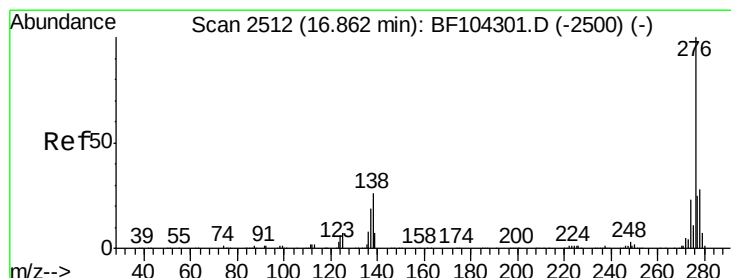
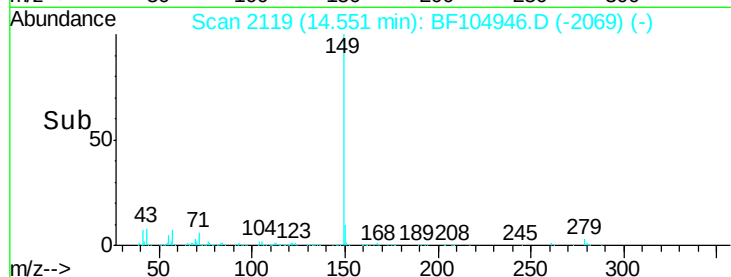
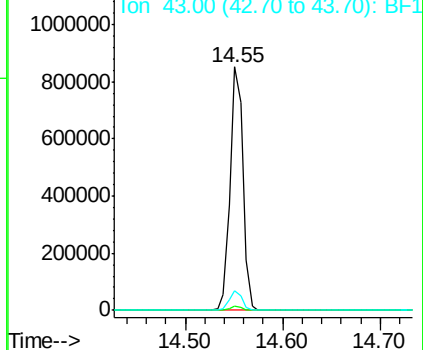
#84
Di-n-octyl phthalate
Concen: 42.69 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6

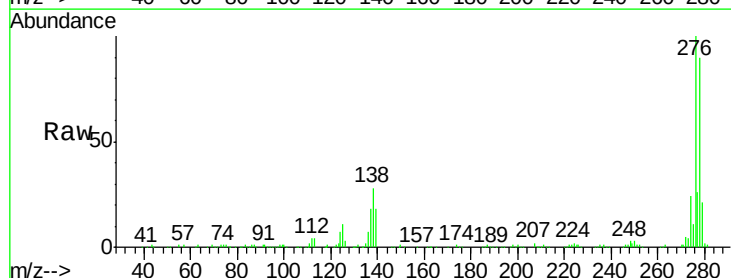


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

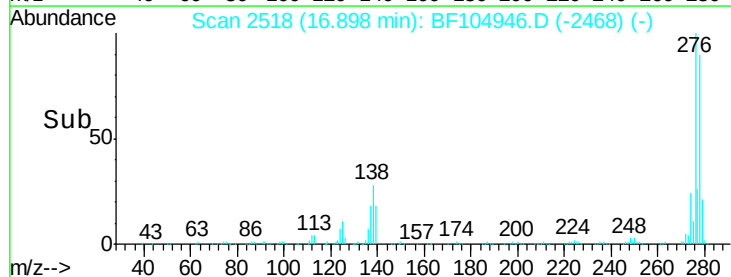
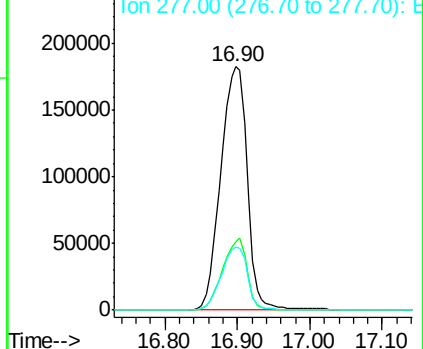


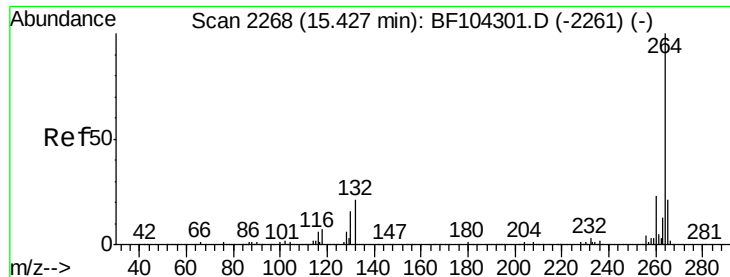
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.39 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.4	20.1	30.1



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

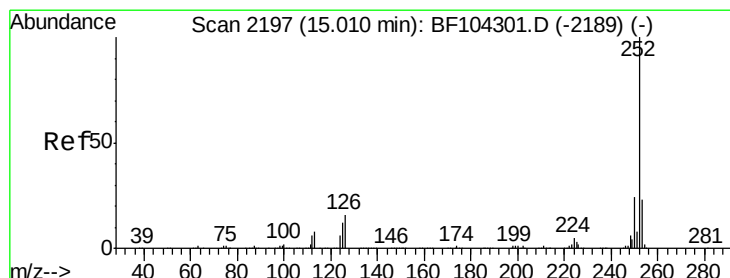
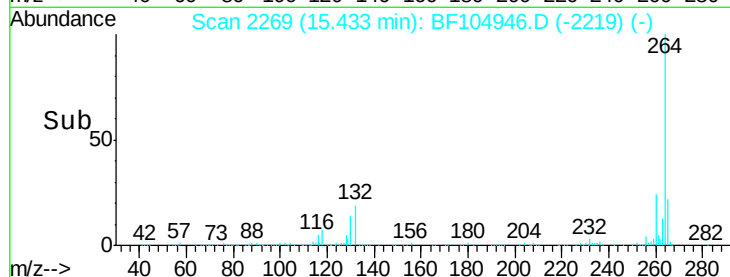
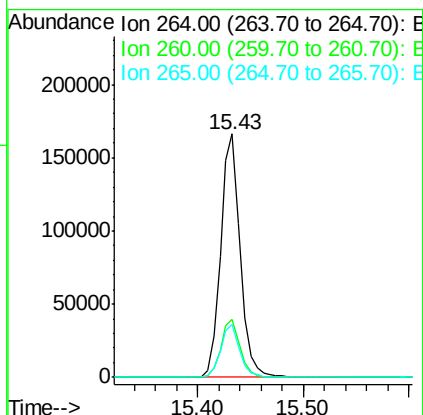
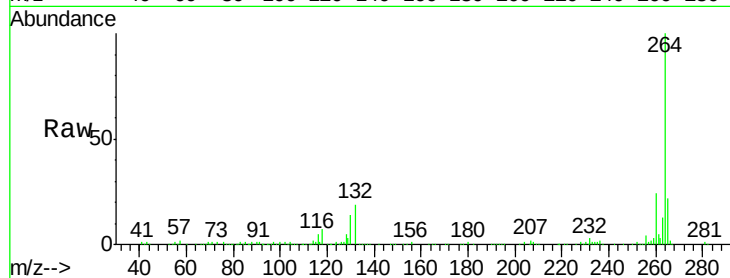




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

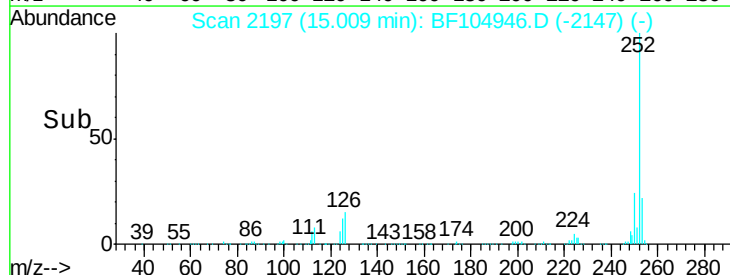
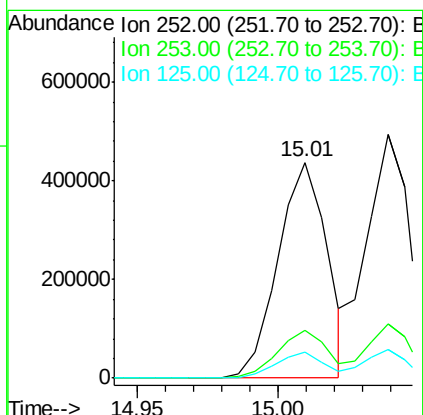
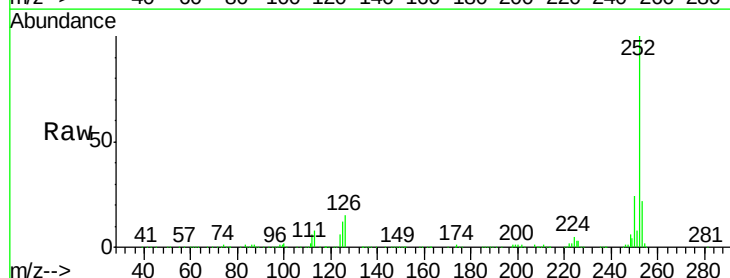
Instrument :
BNA_F
ClientSampled :

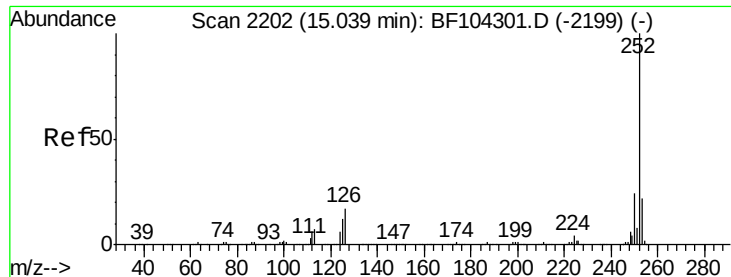
Tot Ion:264 Resp: 214718
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 38.83 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:252 Resp: 526647
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.8 9.0 13.6

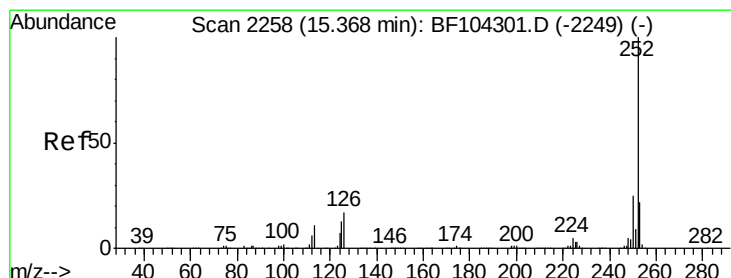
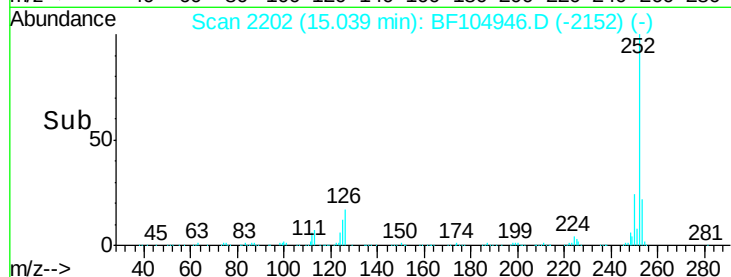
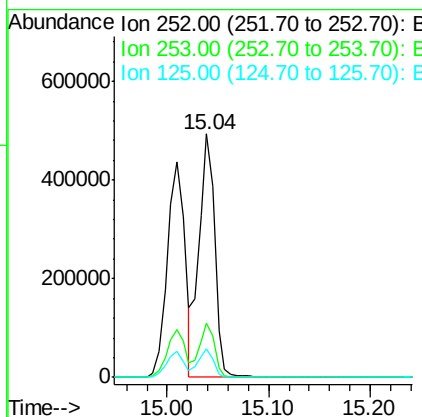
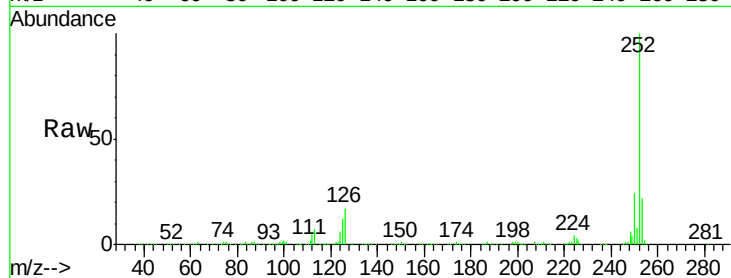




#88
Benzo(k)fluoranthene
Concen: 41.50 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

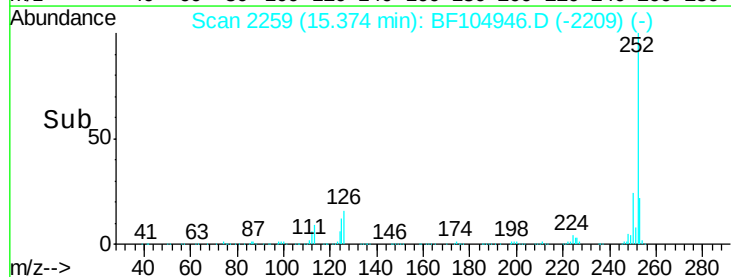
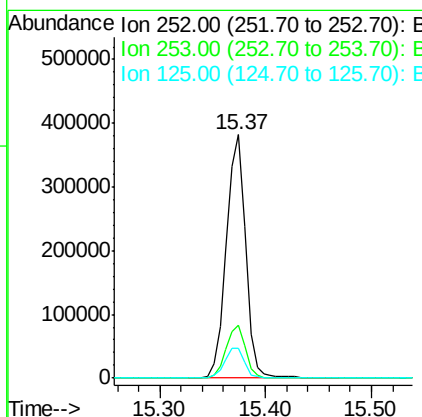
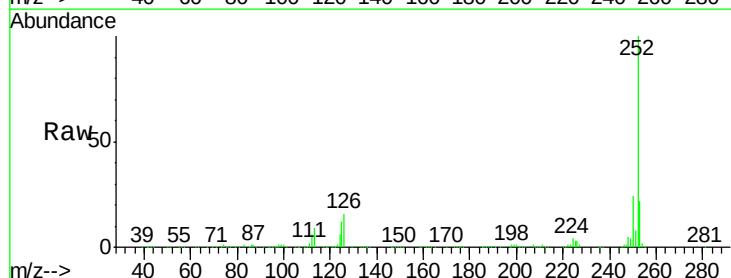
Instrument :
BNA_F
ClientSampleId :

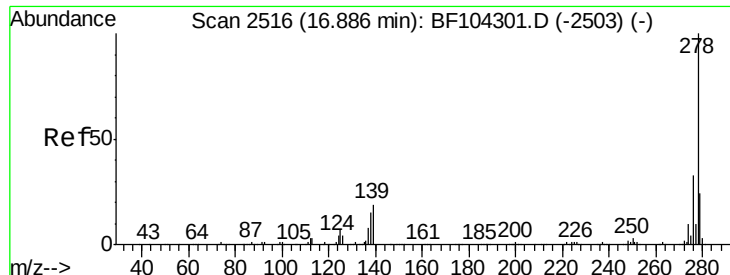
Tot Ion:252 Resp: 531359
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.98 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:252 Resp: 485115
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 39.21 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

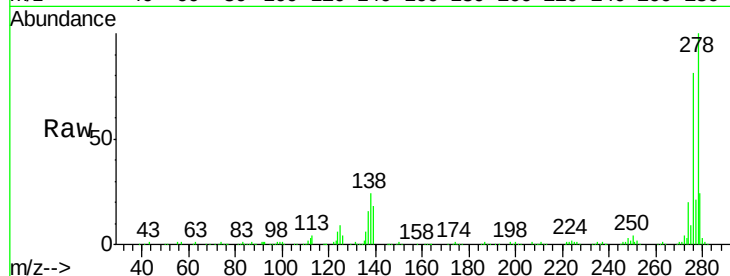
Tot Ion:278 Resp: 390730

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

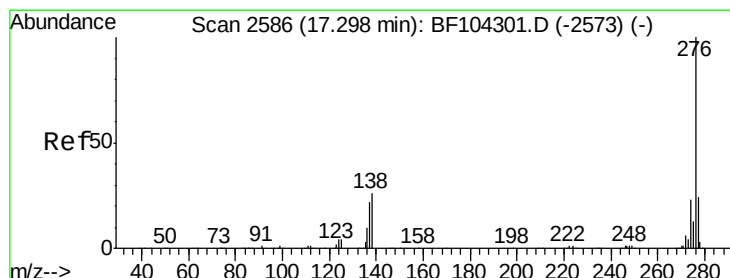
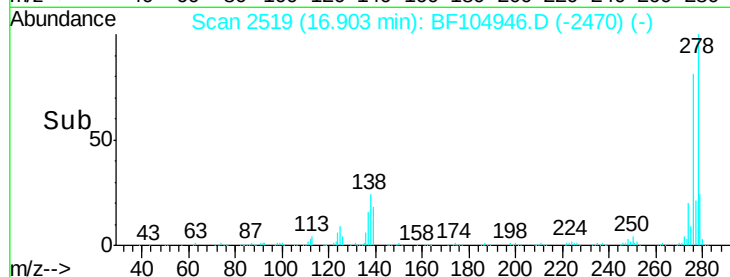
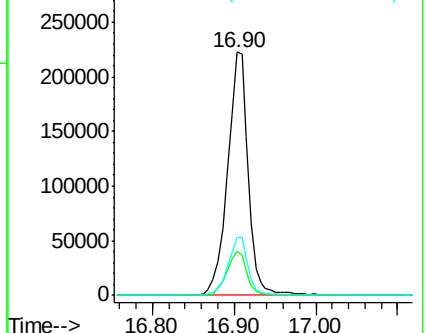
279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.24 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

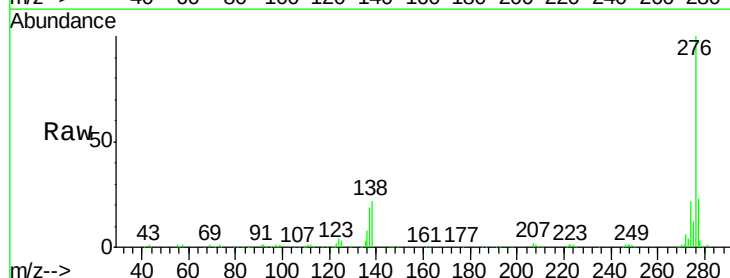
Tgt Ion:276 Resp: 378898

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 21.7 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

