

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110040.D
 Acq On : 22 Oct 2018 10:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:06:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163689	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	677218	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	319498	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	591065	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	397863	20.00	ng	-0.01
87) Perylene-d12	15.67	264	331250	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	809715	78.41	ng	-0.01
7) Phenol-d6	6.59	99	1004328	78.32	ng	-0.02
23) Nitrobenzene-d5	7.53	82	919902	91.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	235708	85.21	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1638852	81.85	ng	-0.01
79) Terphenyl-d14	13.09	244	1598246	84.36	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	214657	36.599	ng	91
3) Pyridine	3.59	79	488389	37.350	ng	88
4) n-Nitrosodimethylamine	3.56	42	201799	37.832	ng	# 95
6) Aniline	6.63	93	669492	38.743	ng	# 53
8) 2-Chlorophenol	6.75	128	462342	39.970	ng	95
9) Benzaldehyde	6.52	77	313516	37.624	ng	96
10) Phenol	6.60	94	544031	39.296	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	444810	38.426	ng	95
12) 1,3-Dichlorobenzene	6.91	146	507540	40.015	ng	99
13) 1,4-Dichlorobenzene	6.99	146	509424	39.880	ng	96
14) 1,2-Dichlorobenzene	7.14	146	474707	40.356	ng	99
15) Benzyl Alcohol	7.10	79	398563	40.402	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	728007	38.317	ng	67
17) 2-Methylphenol	7.21	107	364704	39.100	ng	# 80
18) Hexachloroethane	7.48	117	187204	41.470	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	319653	38.825	ng	96
20) 3+4-Methylphenols	7.36	107	465541	39.331	ng	# 87
22) Acetophenone	7.38	105	619321	39.434	ng	# 98
24) Nitrobenzene	7.56	77	474596	43.457	ng	91
25) Isophorone	7.79	82	751829	38.061	ng	97
26) 2-Nitrophenol	7.87	139	223707	49.404	ng	93
27) 2,4-Dimethylphenol	7.90	122	367086	38.581	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	521617	38.477	ng	99
29) 2,4-Dichlorophenol	8.10	162	376868	40.831	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	425677	41.189	ng	95
31) Naphthalene	8.27	128	1232181	39.678	ng	99
32) Benzoic acid	7.98	122	97873	16.510	ng	89
33) 4-Chloroaniline	8.32	127	555896	39.821	ng	98
34) Hexachlorobutadiene	8.39	225	233949	41.052	ng	100
35) Caprolactam	8.69	113	118818	36.247	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	396241	40.694	ng	99
37) 2-Methylnaphthalene	8.97	142	814690	40.514	ng	97
38) 1-Methylnaphthalene	9.07	142	769347	39.483	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	393906	40.027	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110040.D
 Acq On : 22 Oct 2018 10:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:06:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

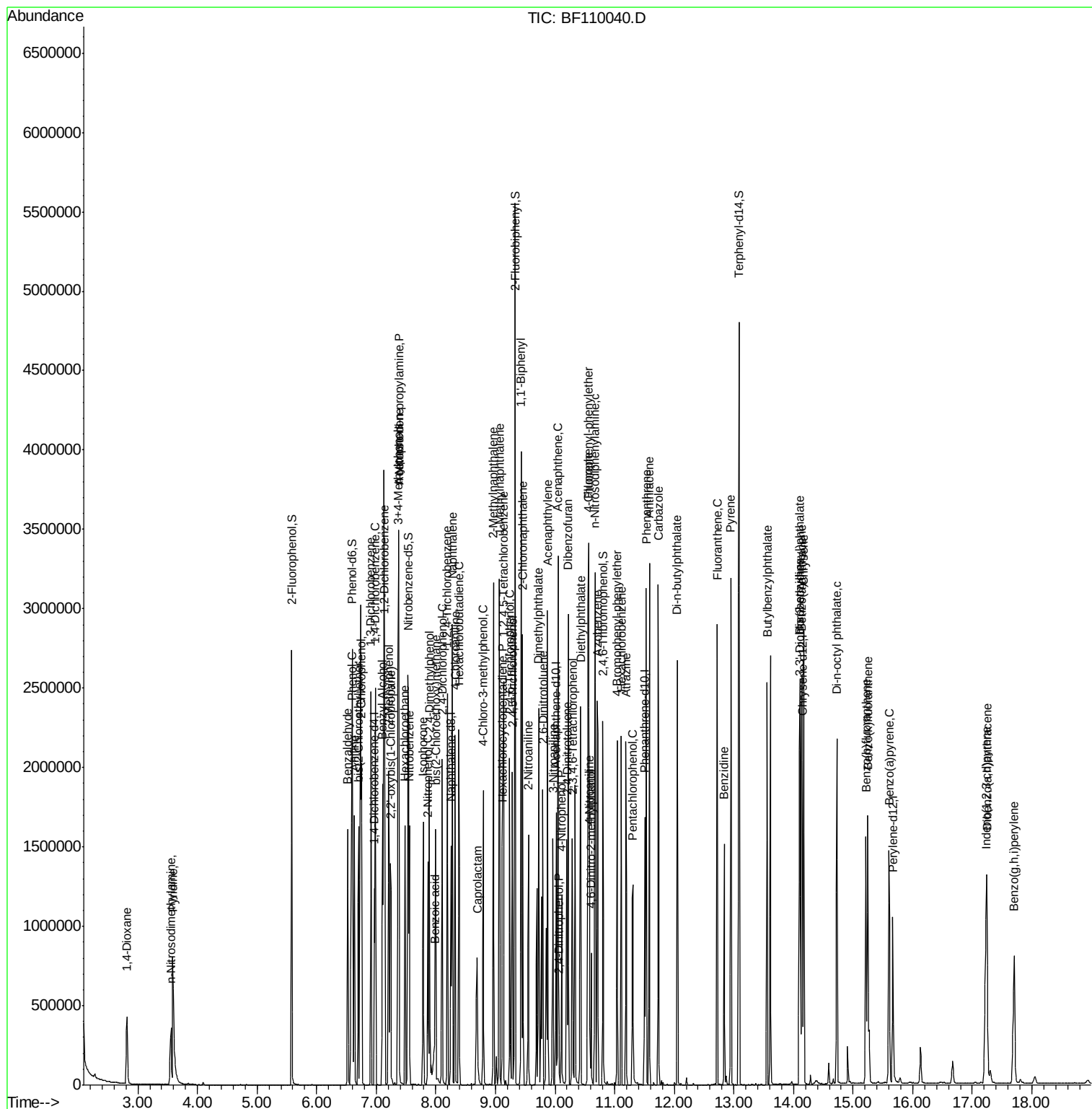
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	196457	41.361	ng	99
43) 2,4,6-Trichlorophenol	9.24	196	253067	41.126	ng	97
44) 2,4,5-Trichlorophenol	9.28	196	263200	41.212	ng	95
46) 1,1'-Biphenyl	9.43	154	1138368	39.990	ng	99
47) 2-Chloronaphthalene	9.46	162	832257	39.692	ng	98
48) 2-Nitroaniline	9.55	65	257771	47.904	ng	98
49) Acenaphthylene	9.87	152	1197408	39.310	ng	97
50) Dimethylphthalate	9.73	163	895350	39.576	ng	99
51) 2,6-Dinitrotoluene	9.79	165	199609	46.454	ng	97
52) Acenaphthene	10.05	154	777184	40.076	ng	98
53) 3-Nitroaniline	9.96	138	238429	45.615	ng	95
54) 2,4-Dinitrophenol	10.07	184	44808	37.998	ng	# 78
55) Dibenzofuran	10.22	168	1107427	40.041	ng	97
56) 4-Nitrophenol	10.11	139	167478	41.992	ng	96
57) 2,4-Dinitrotoluene	10.20	165	259590	47.842	ng	# 83
58) Fluorene	10.56	166	813889	40.426	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.29	232	204469	40.397	ng	96
60) Diethylphthalate	10.43	149	868941	38.888	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	422074	40.246	ng	98
62) 4-Nitroaniline	10.58	138	228924	46.267	ng	93
63) Azobenzene	10.71	77	886316	37.969	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	87896	42.193	ng	87
66) n-Nitrosodiphenylamine	10.67	169	776250	39.431	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	256677	40.071	ng	96
68) Hexachlorobenzene	11.11	284	268825	39.355	ng	# 92
69) Atrazine	11.19	200	248047	40.338	ng	100
70) Pentachlorophenol	11.30	266	142898	36.759	ng	98
71) Phenanthrene	11.53	178	1201899	39.278	ng	100
72) Anthracene	11.58	178	1220242	39.665	ng	100
73) Carbazole	11.73	167	1163863	38.495	ng	99
74) Di-n-butylphthalate	12.05	149	1299028	38.499	ng	100
75) Fluoranthene	12.72	202	1183092	38.703	ng	99
77) Benzidine	12.84	184	566370	37.128	ng	98
78) Pyrene	12.95	202	1207303	41.315	ng	99
80) Butylbenzylphthalate	13.56	149	485988	41.136	ng	99
81) Benzo(a)anthracene	14.14	228	925253	39.481	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	320019	38.951	ng	98
83) Chrysene	14.17	228	886617	39.747	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	642095	41.305	ng	97
85) Di-n-octyl phthalate	14.73	149	976013	44.533	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	820689	45.695	ng	# 94
88) Benzo(b)fluoranthene	15.22	252	714720	37.425	ng	97
89) Benzo(k)fluoranthene	15.24	252	754356	40.076	ng	# 96
90) Benzo(a)pyrene	15.60	252	688603	39.205	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	681676	43.793	ng	98
92) Benzo(g,h,i)perylene	17.70	276	681489	43.332	ng	# 94

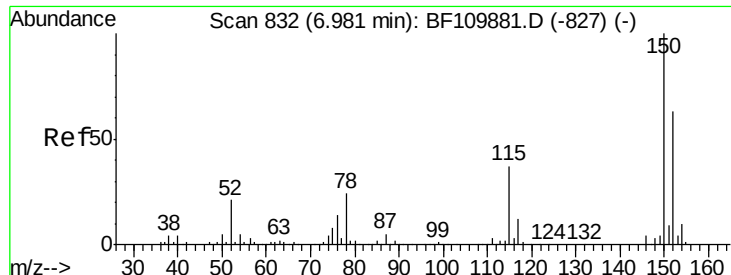
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\  
Data File : BF110040.D  
Acq On    : 22 Oct 2018  10:58  
Operator  : JU/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:06:18 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
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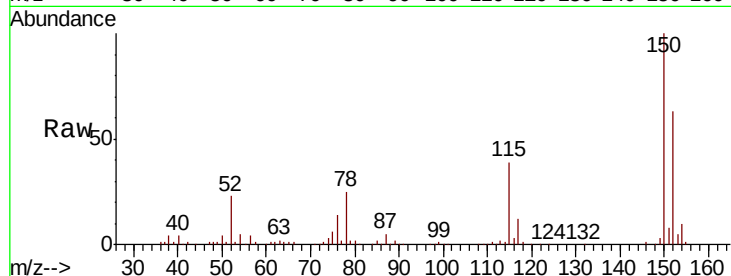


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	62.5	49.1	73.7

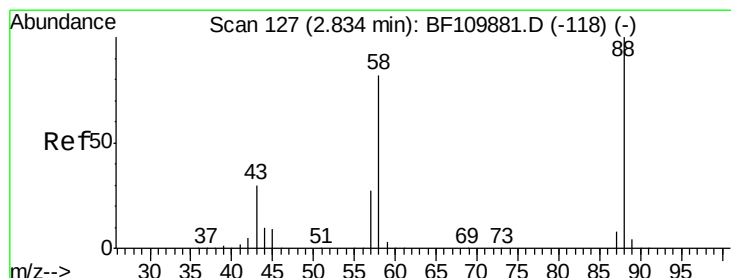
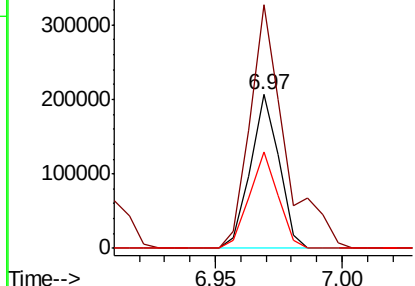
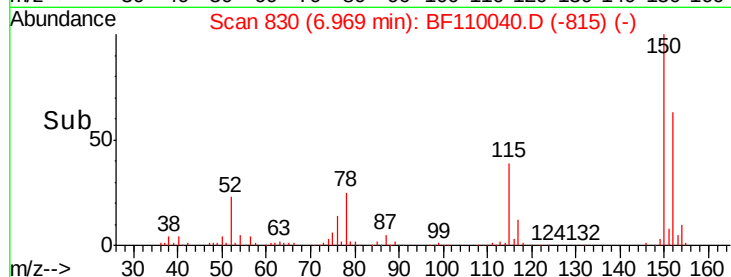


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

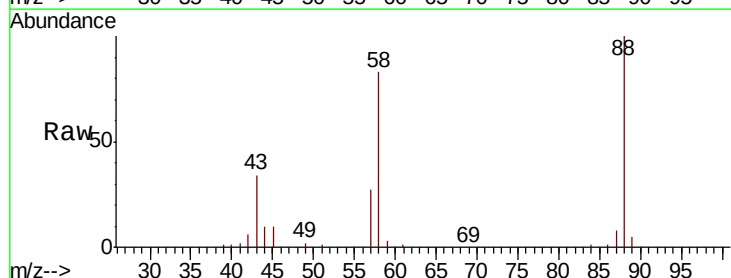
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 36.599 ng
 RT: 2.82 min Scan# 124
 Delta R.T. -0.03 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	57.1	85.7
43	31.6	24.1	36.1

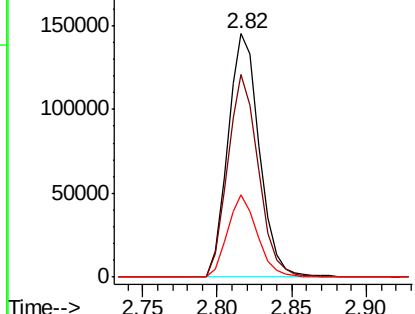
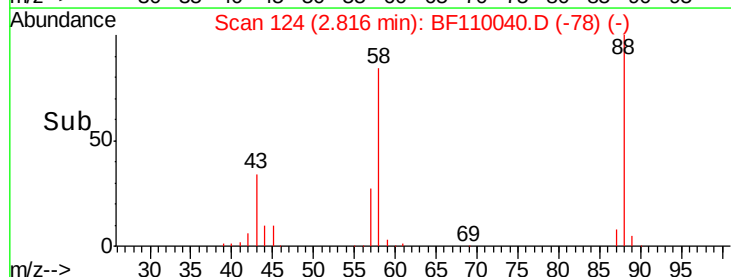


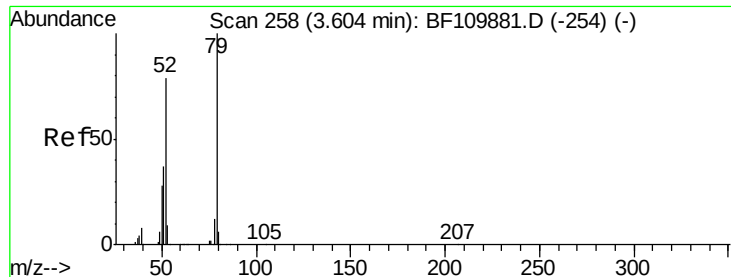
Abundance

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: 37.350 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

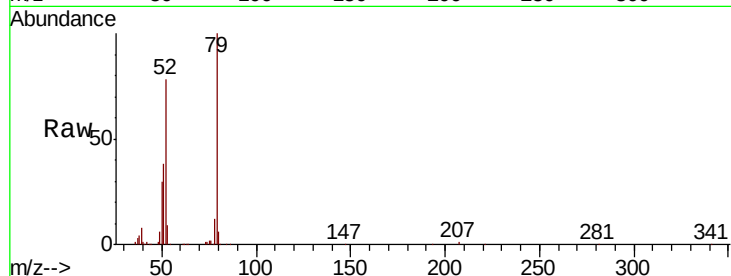
Tot Ion: 79 Resp: 488389

Ion Ratio Lower Upper

79 100

52 78.4 53.1 79.7

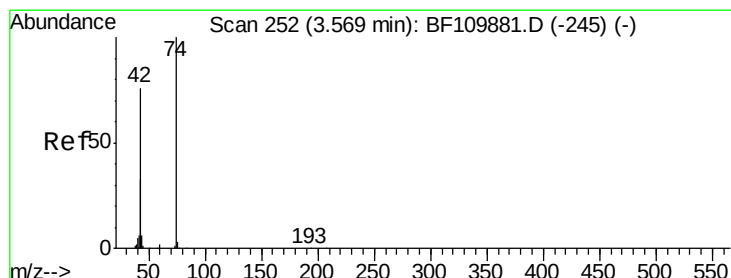
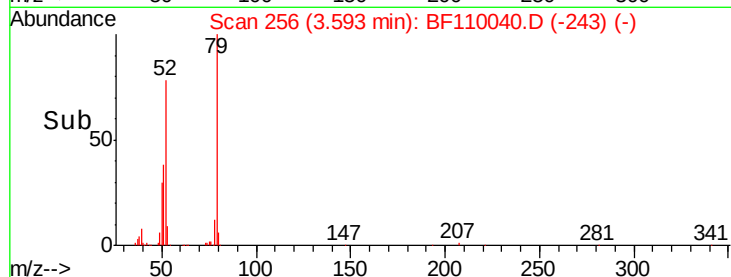
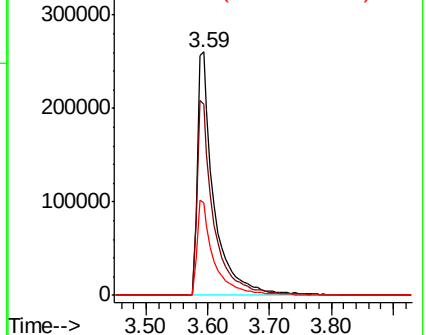
51 38.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.832 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

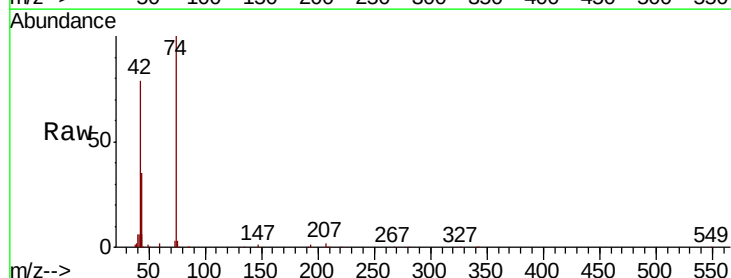
Tgt Ion: 42 Resp: 201799

Ion Ratio Lower Upper

42 100

74 126.3 105.5 158.3

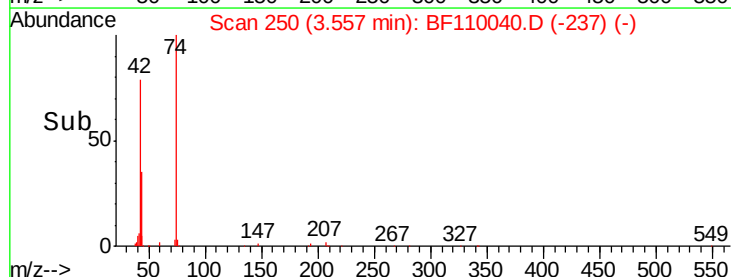
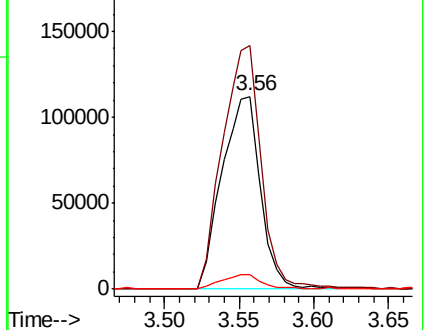
44 7.4 4.9 7.3#

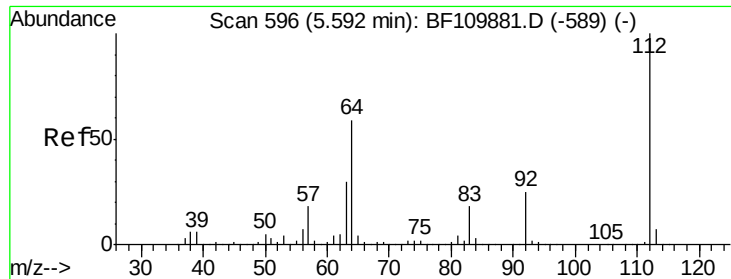


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

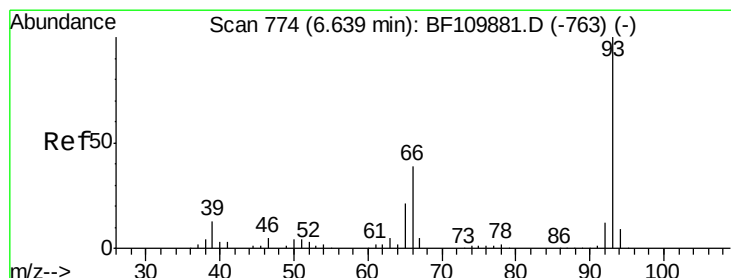
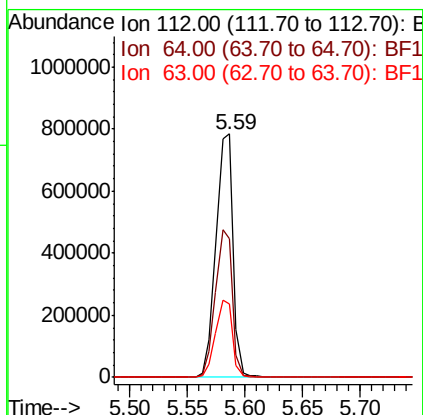
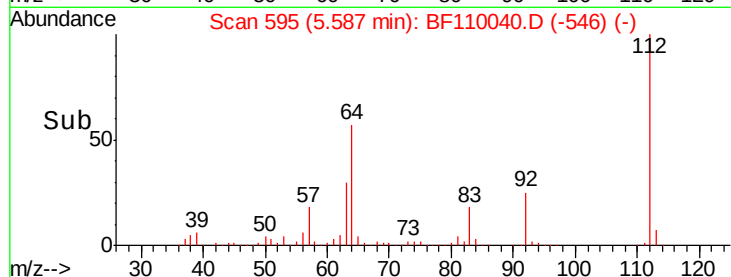
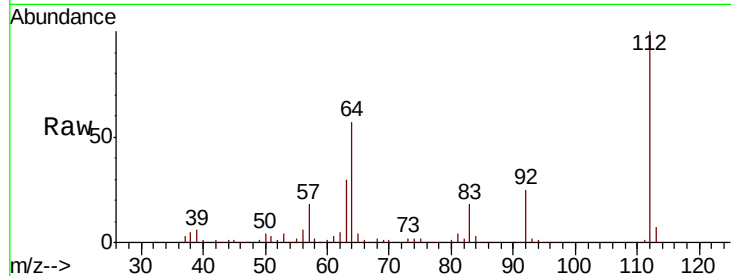




#5
 2-Fluorophenol
 Concen: 78.411 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

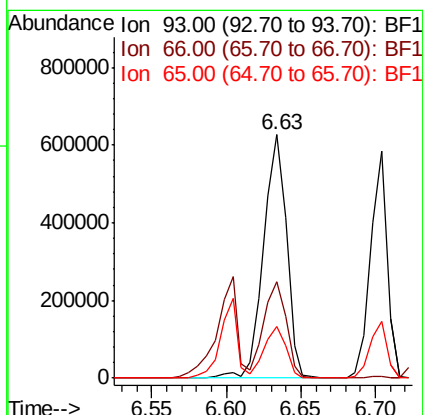
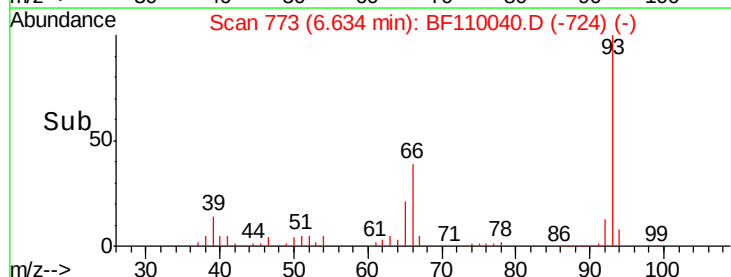
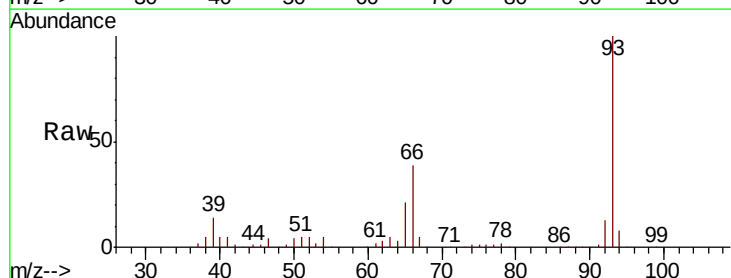
Instrument :
 BNA_F
 ClientSampleId :

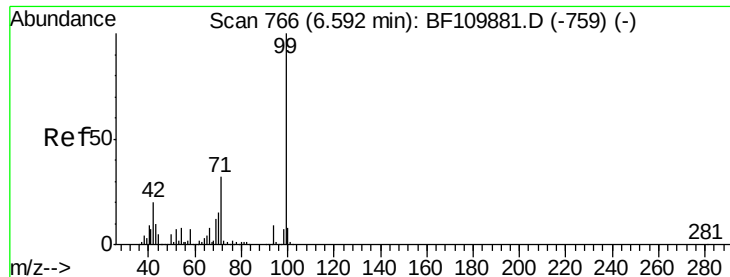
Tot Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.3	23.7	35.5



#6
 Aniline
 Concen: 38.743 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.5	67.4	101.0#
65	21.0	41.0	61.4#





#7

Phenol-d6

Concen: 78.324 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

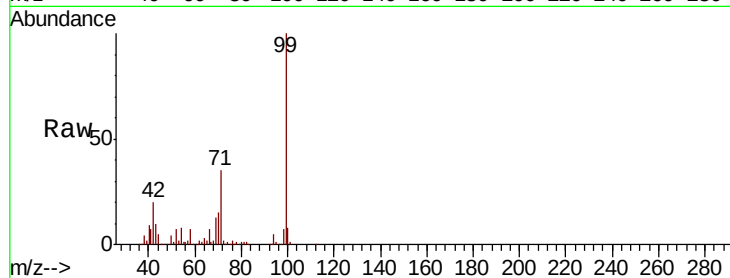
Tot Ion: 99 Resp: 1004328

Ion Ratio Lower Upper

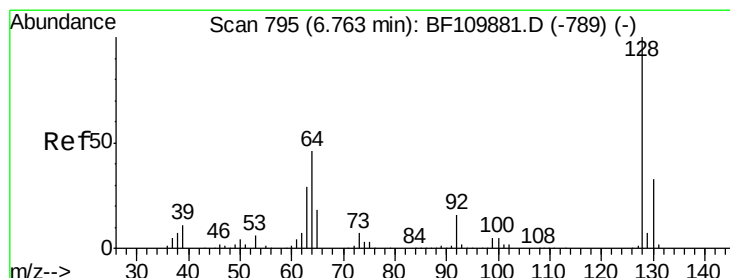
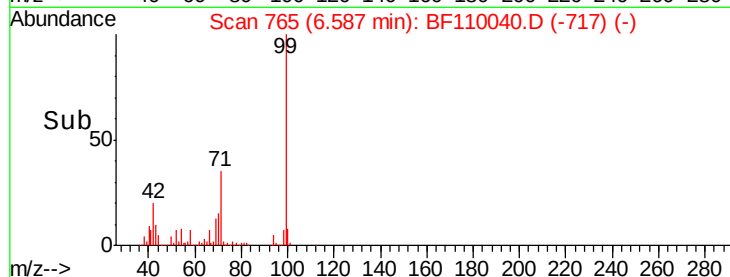
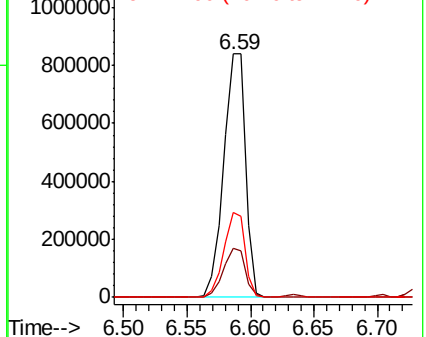
99 100

42 20.3 15.8 23.6

71 34.8 28.0 42.0



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: 39.970 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

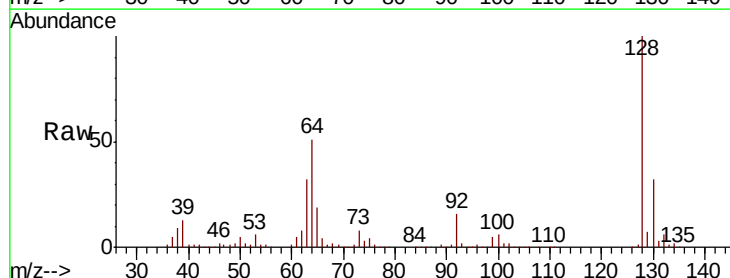
Tgt Ion: 128 Resp: 462342

Ion Ratio Lower Upper

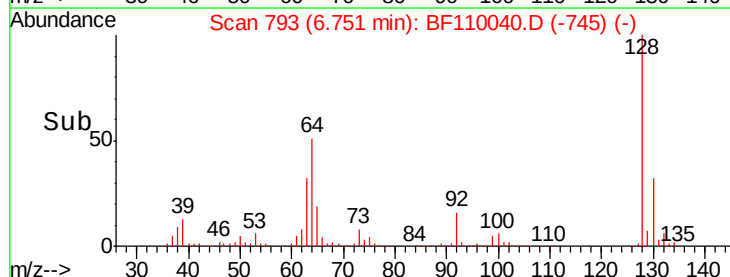
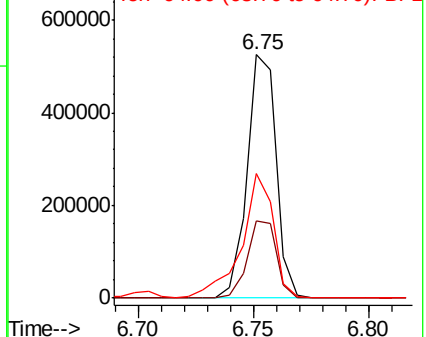
128 100

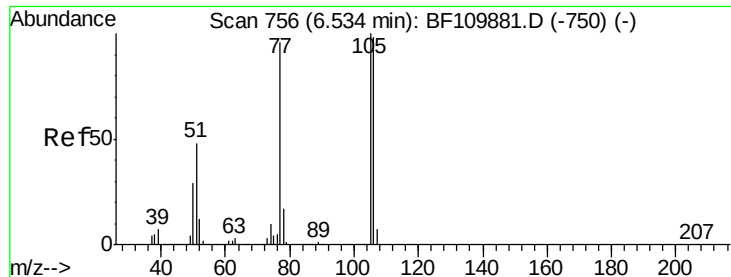
130 31.8 13.1 53.1

64 50.9 26.0 66.0



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: 37.624 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

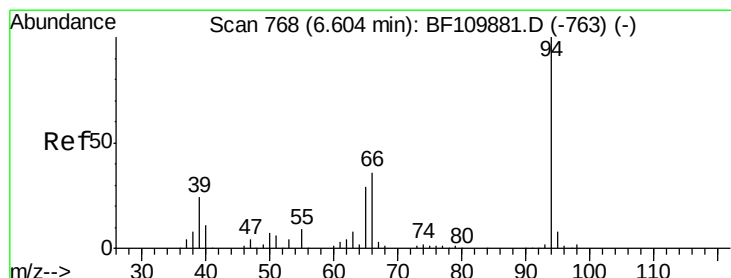
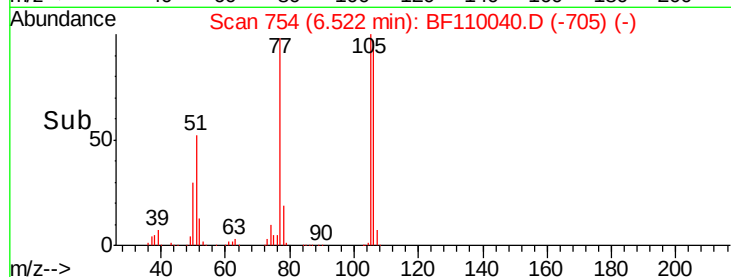
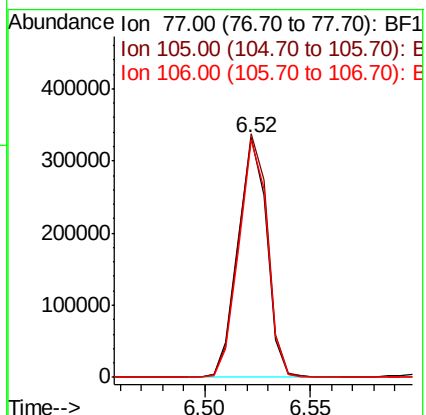
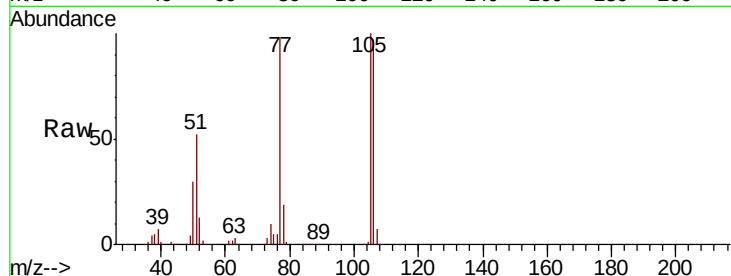
Tot Ion: 77 Resp: 313516

Ion Ratio Lower Upper

77 100

105 101.7 78.6 118.6

106 98.9 74.8 114.8



#10

Phenol

Concen: 39.296 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

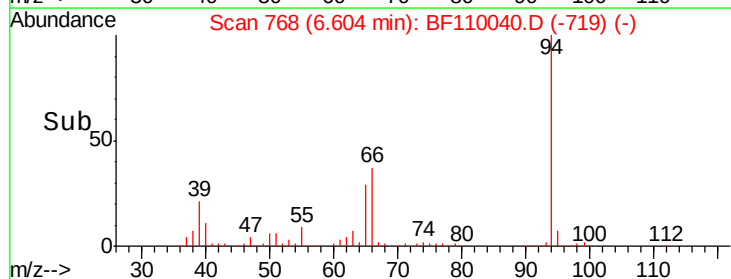
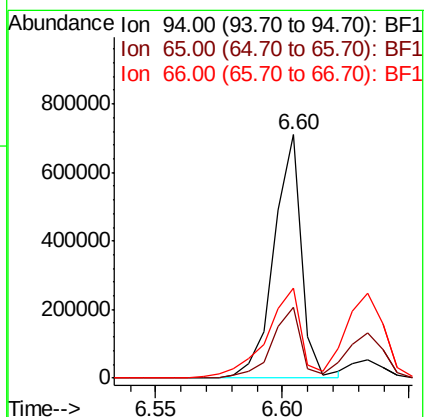
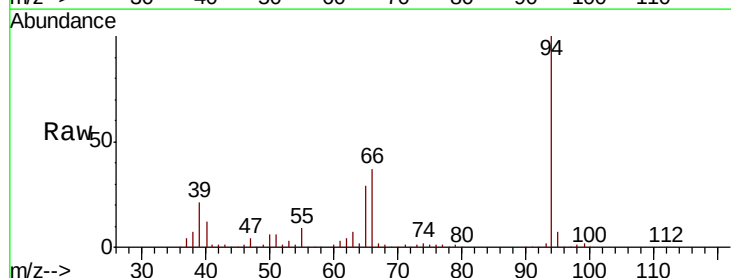
Tgt Ion: 94 Resp: 544031

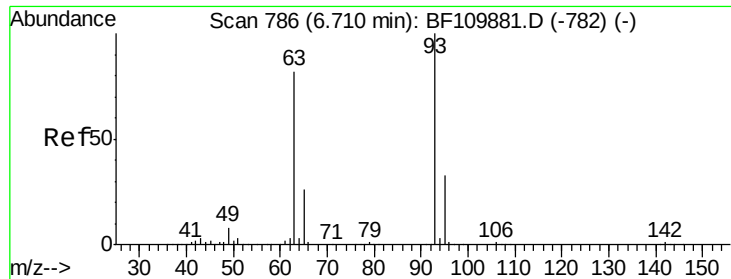
Ion Ratio Lower Upper

94 100

65 28.9 25.3 65.3

66 37.0 54.5 94.5#

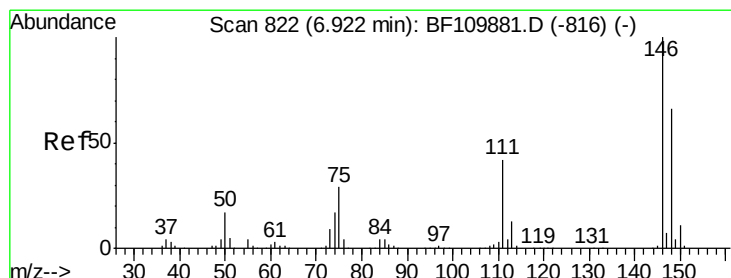
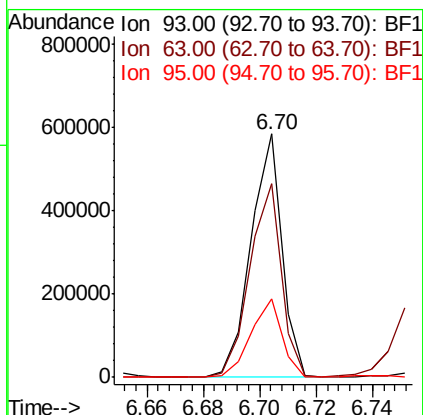
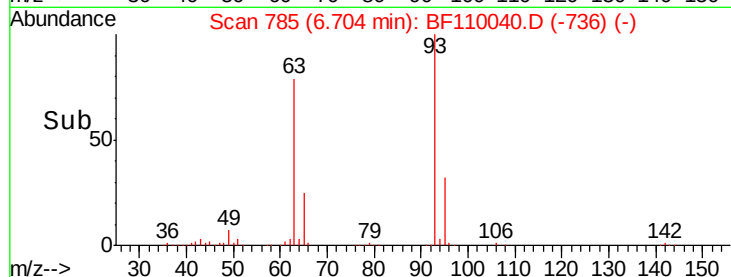
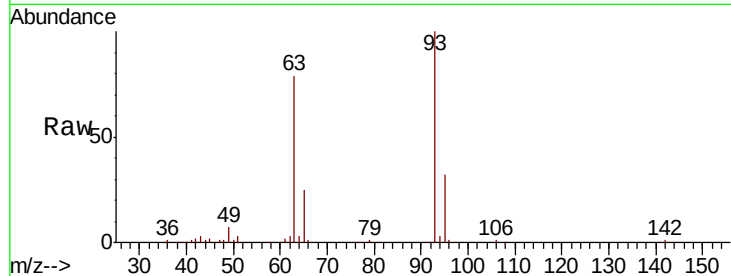




#11
bis(2-Chloroethyl)ether
Concen: 38.426 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

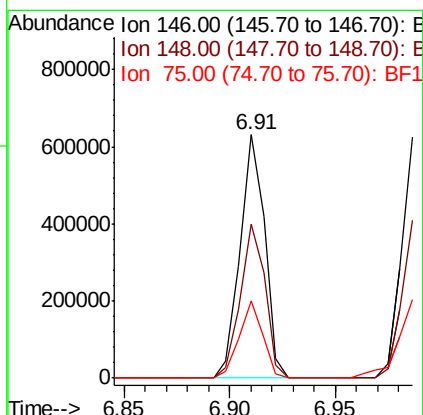
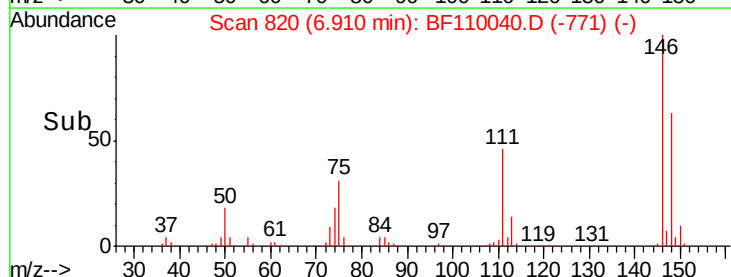
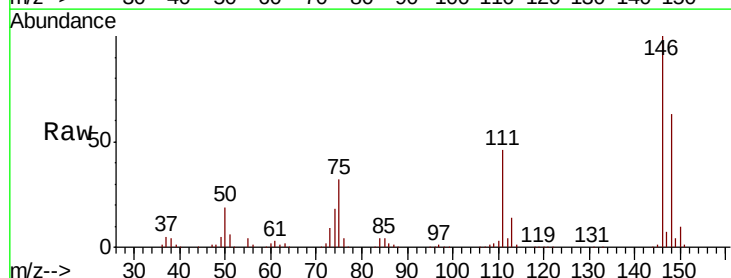
Instrument :
BNA_F
ClientSampleId :

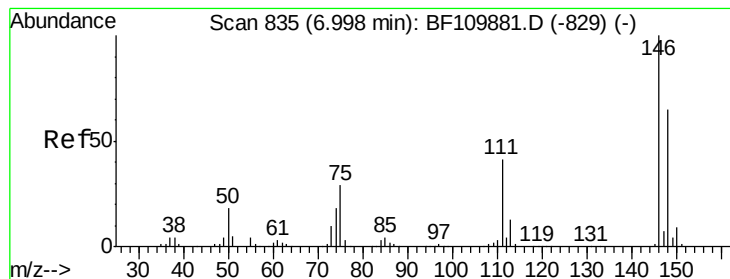
Tot Ion: 93 Resp: 444810
Ion Ratio Lower Upper
93 100
63 79.4 53.4 93.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.015 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion: 146 Resp: 507540
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
75 31.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.880 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

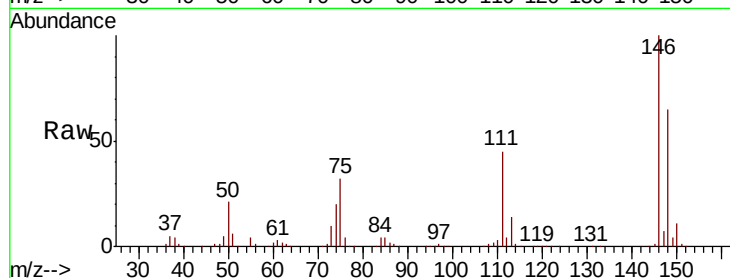
Tot Ion:146 Resp: 509424

Ion Ratio Lower Upper

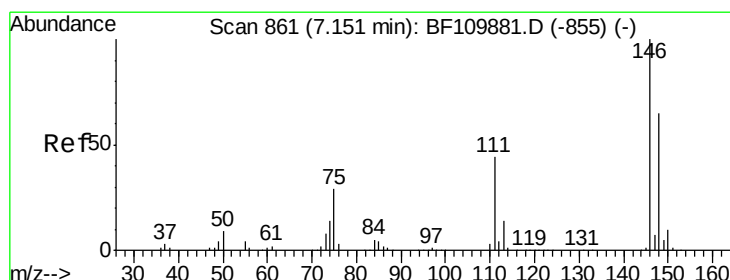
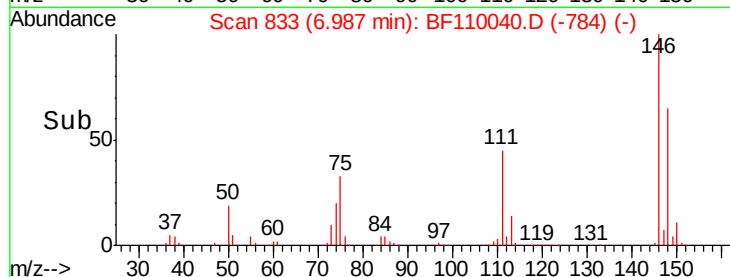
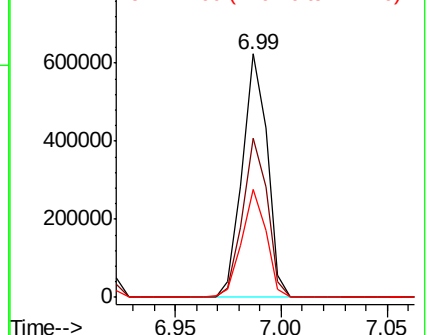
146 100

148 65.4 50.3 75.5

111 44.5 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 40.356 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

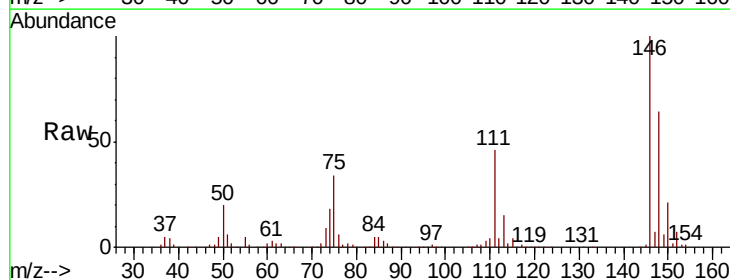
Tgt Ion:146 Resp: 474707

Ion Ratio Lower Upper

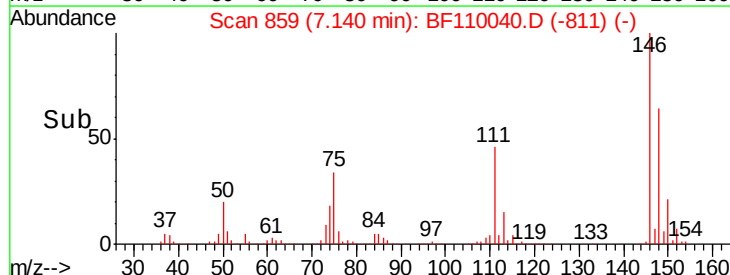
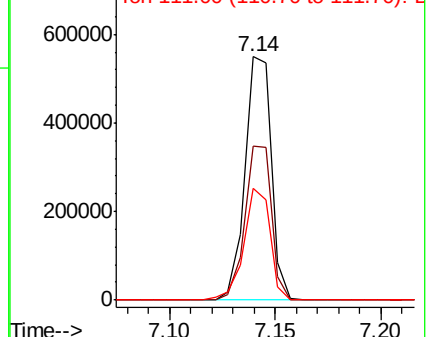
146 100

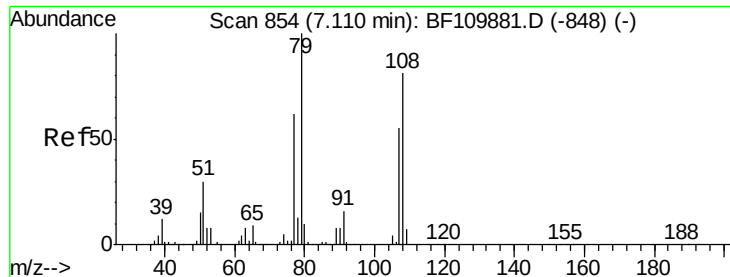
148 63.5 51.1 76.7

111 46.1 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 40.402 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

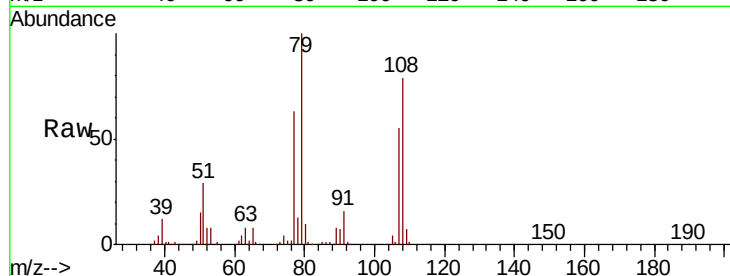
Tot Ion: 79 Resp: 398563

Ion Ratio Lower Upper

79 100

108 78.9 56.3 84.5

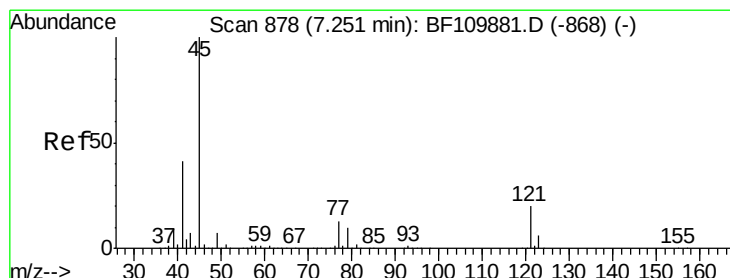
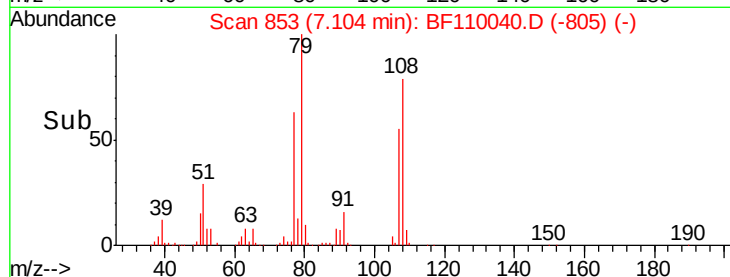
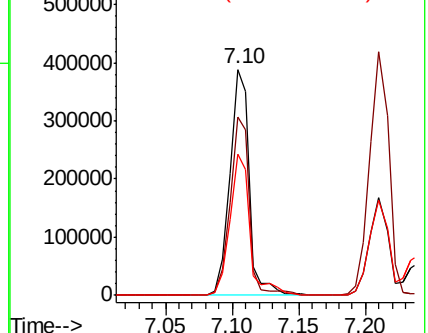
77 62.8 52.9 79.3



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: 38.317 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

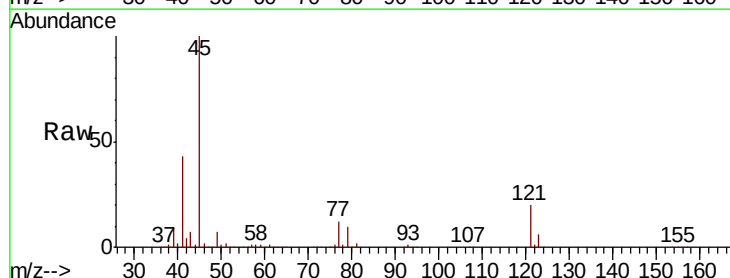
Tgt Ion: 45 Resp: 728007

Ion Ratio Lower Upper

45 100

77 12.1 10.0 50.0

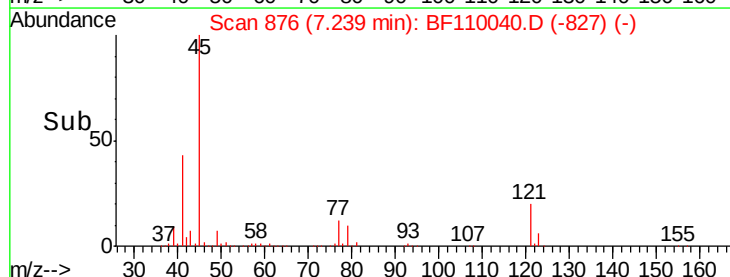
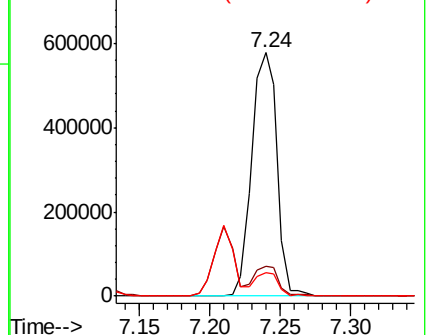
79 9.5 6.1 46.1

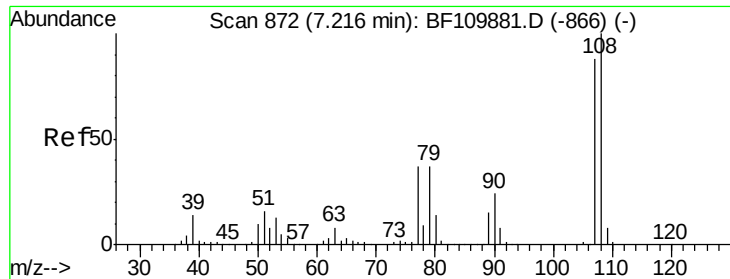


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

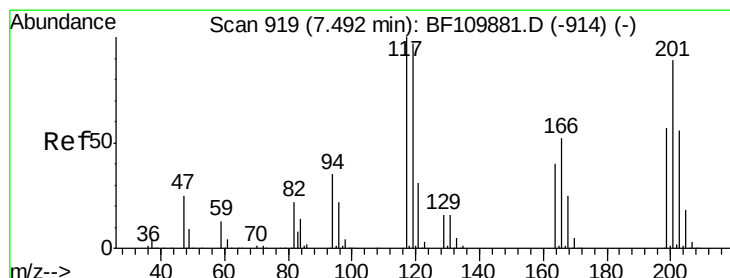
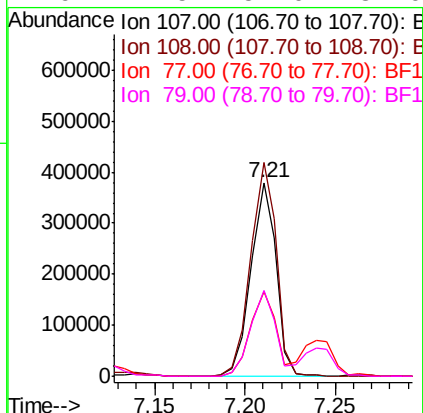
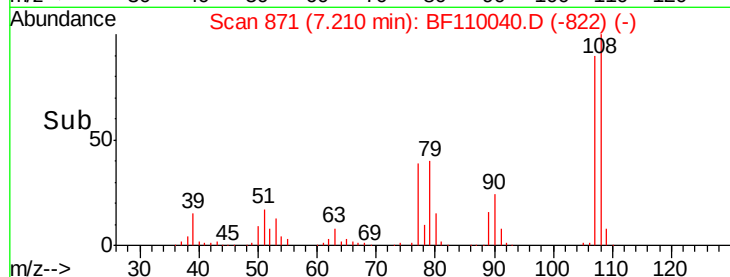
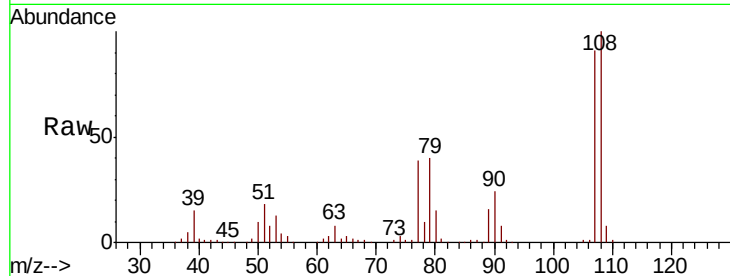




#17
2-Methylphenol
Concen: 39.100 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

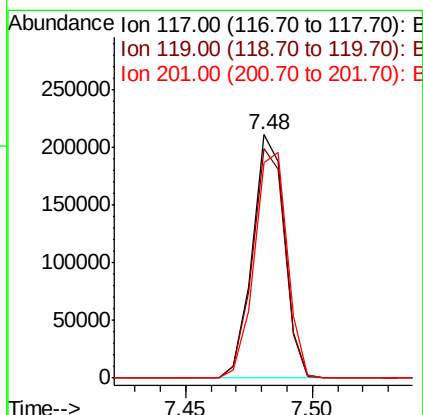
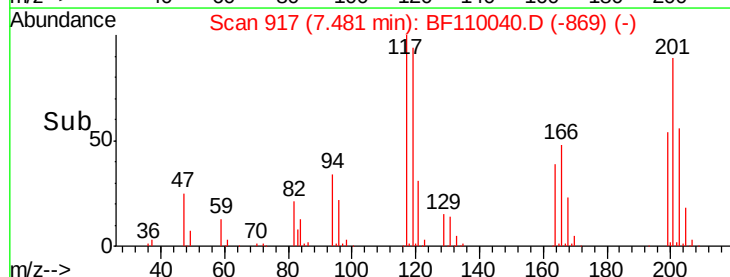
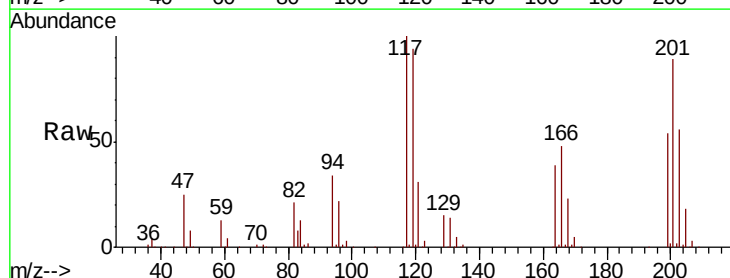
Instrument :
BNA_F
ClientSampleId :

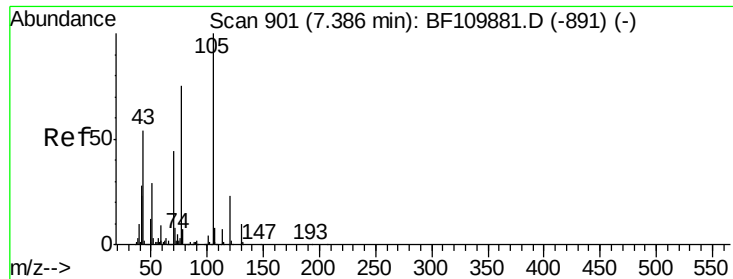
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	92.6	138.8
77	43.5	59.4	89.2#
79	44.5	54.0	81.0#



#18
Hexachloroethane
Concen: 41.470 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
201	88.7	79.2	118.8

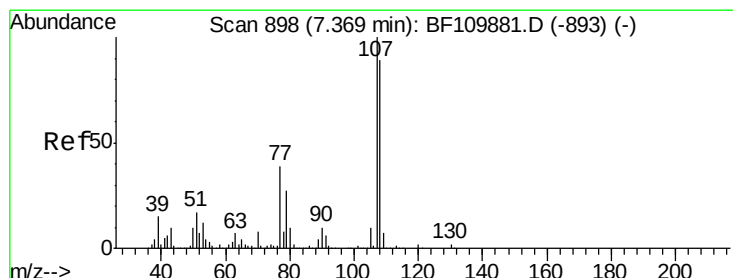
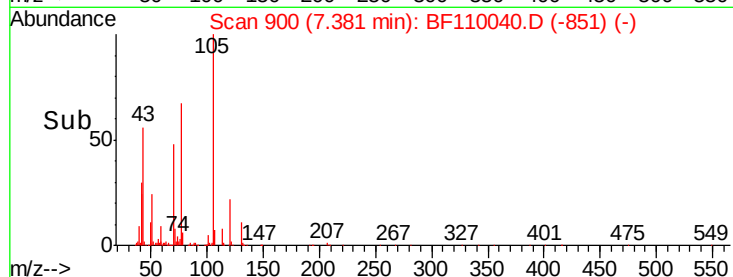
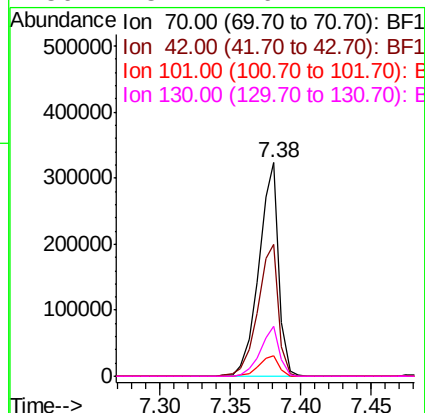
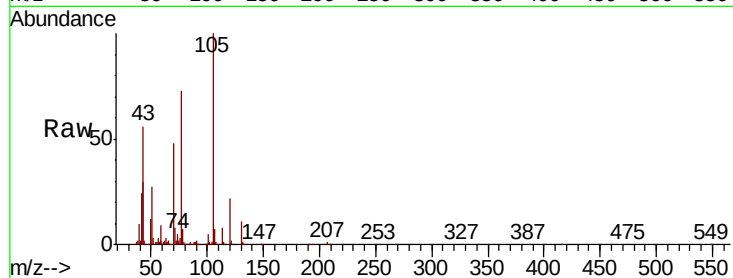




#19
n-Nitroso-di-n-propylamine
Concen: 38.825 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

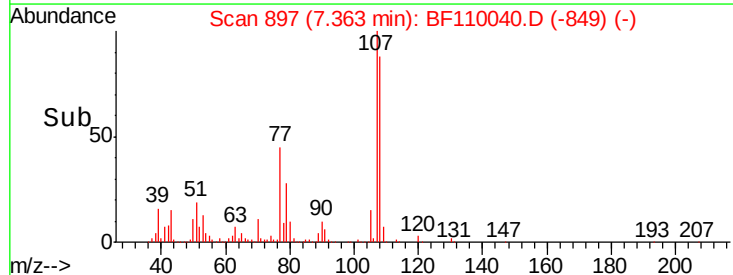
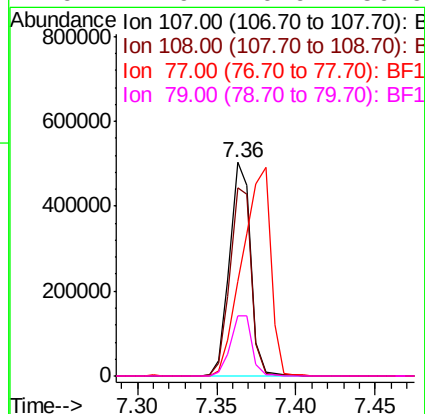
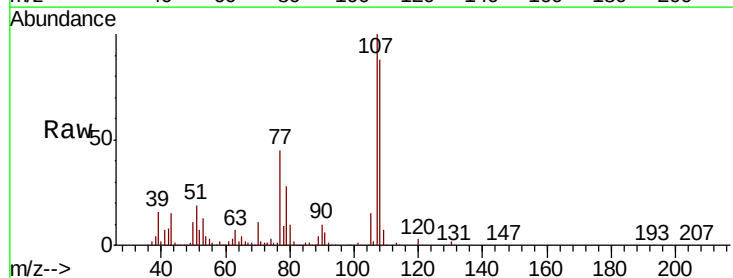
Instrument :
BNA_F
ClientSampled :

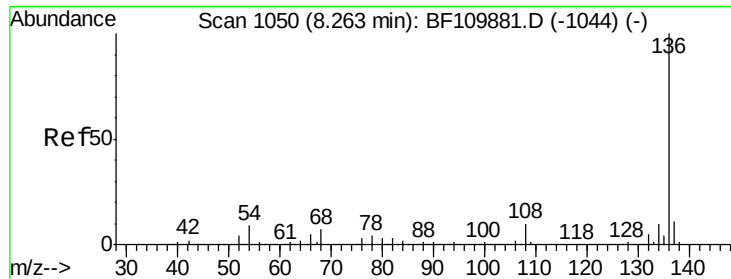
Tot Ion:	70	Resp:	319653
Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.4	71.2
101	9.8	7.3	10.9
130	23.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.331 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:	107	Resp:	465541
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.4	111.4
77	44.6	47.3	87.3#
79	27.9	10.9	50.9

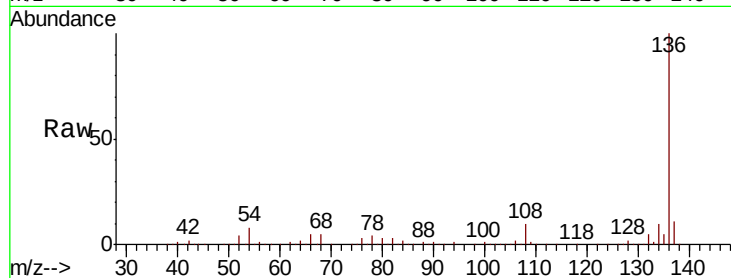




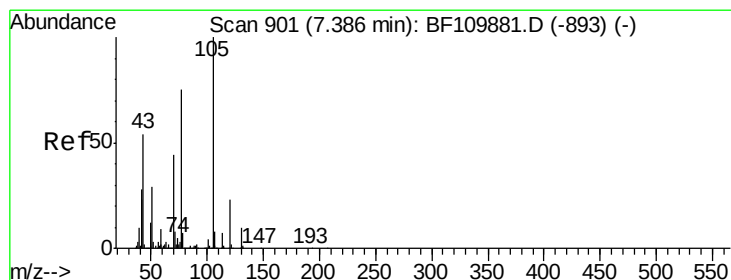
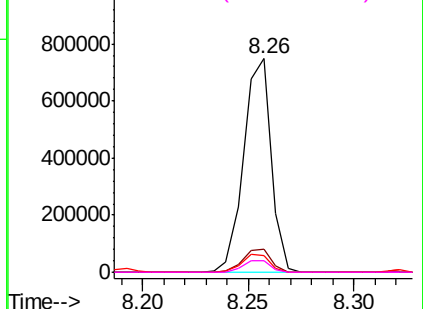
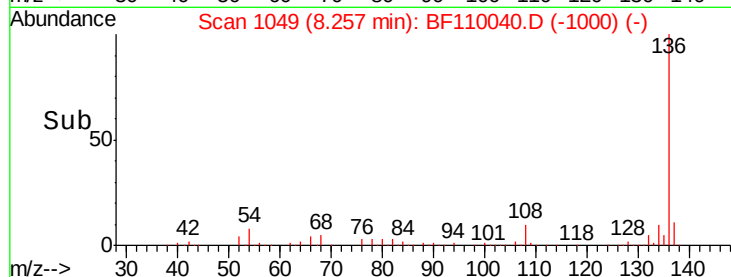
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 677218
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.6	5.4 8.2
68 5.4	4.2 6.2

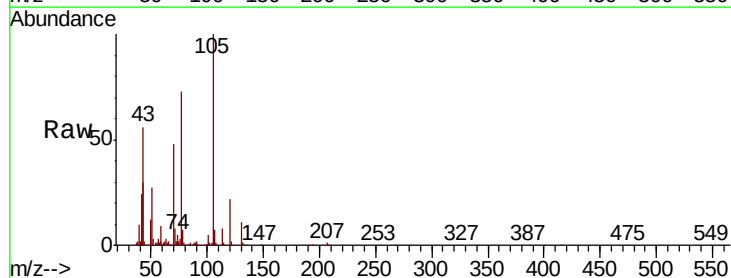


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

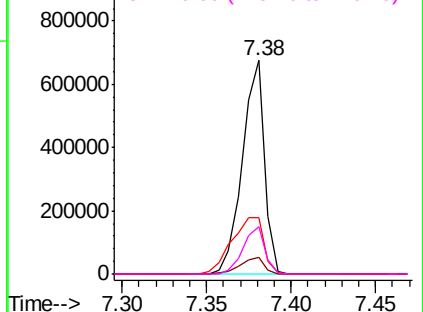
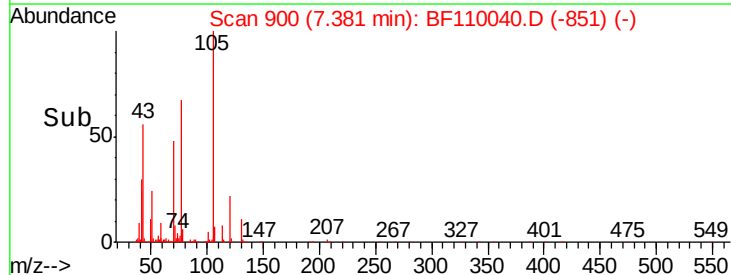


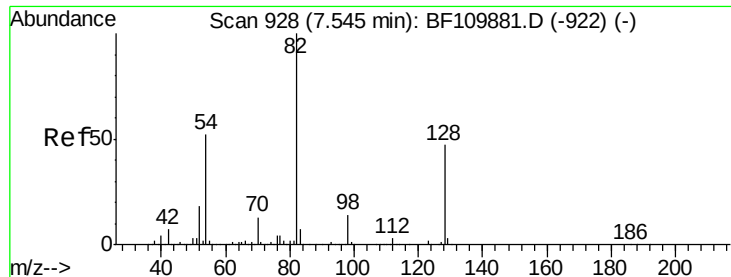
#22
Acetophenone
Concen: 39.434 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt	Ion:105	Resp:	619321
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.2	7.8#
51	26.6	21.8	32.8
120	22.1	17.0	25.4



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

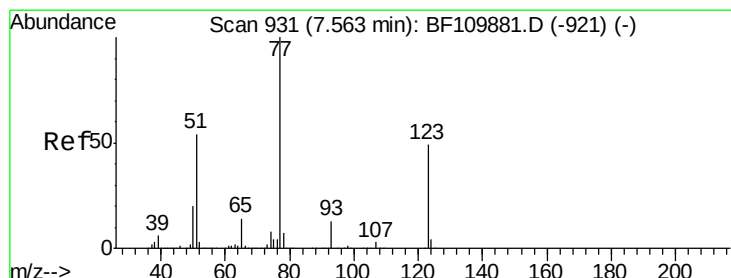
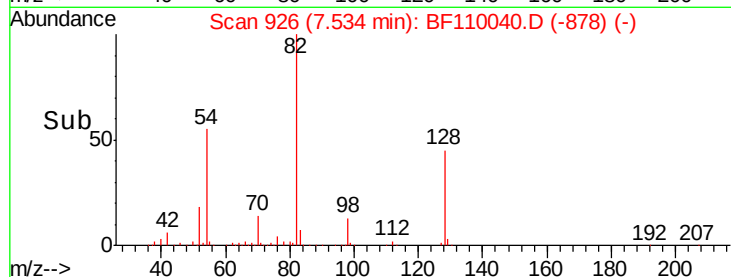
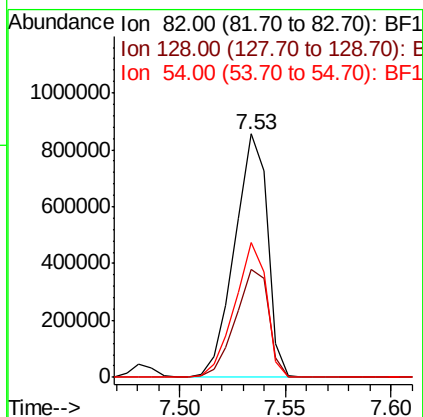
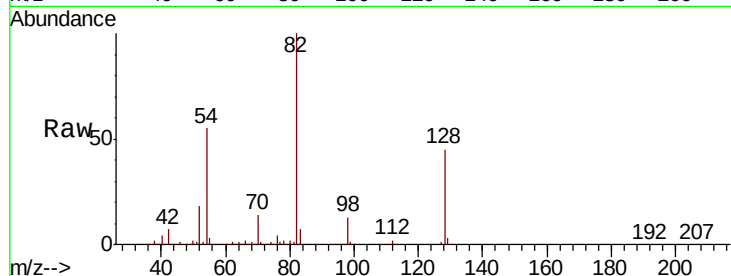




#23
Nitrobenzene-d5
Concen: 91.504 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

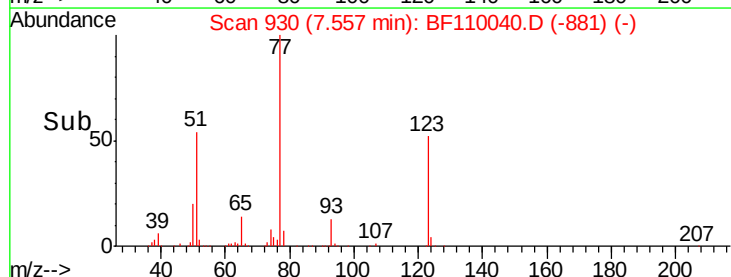
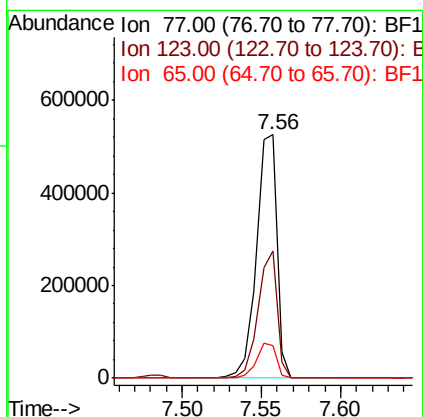
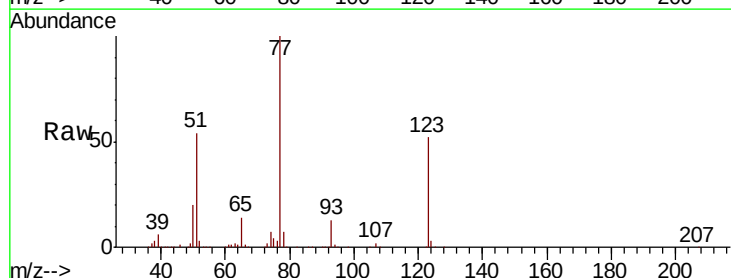
Instrument :
BNA_F
ClientSampleId :

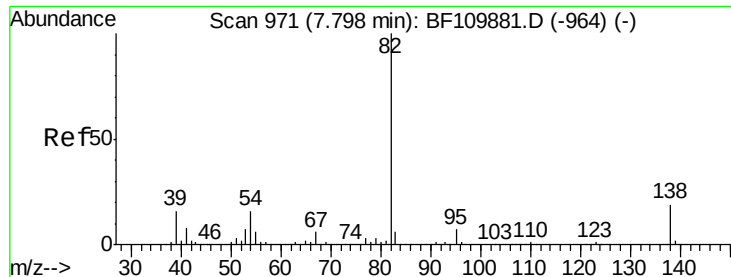
Tot Ion	82	Resp	919902
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.2	51.2
54	55.2	38.6	58.0



#24
Nitrobenzene
Concen: 43.457 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	77	Resp	474596
Ion Ratio	Lower	Upper	
77	100		
123	52.2	35.7	53.5
65	13.6	10.7	16.1

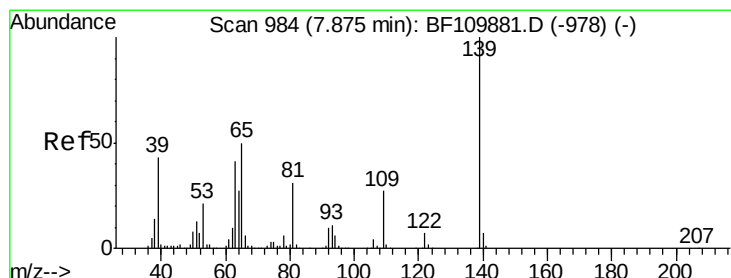
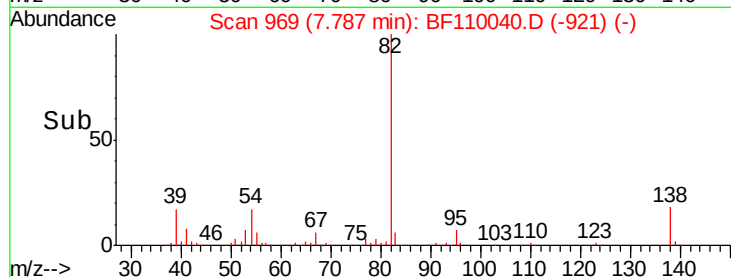
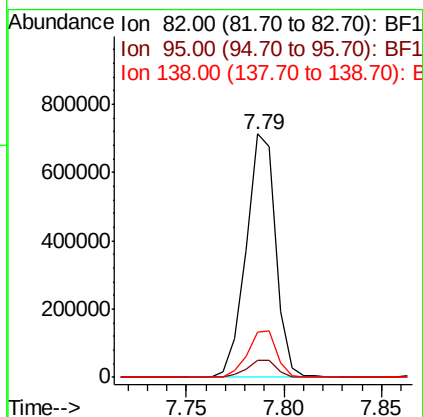
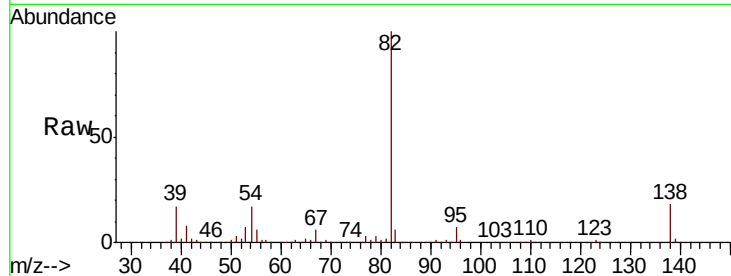




#25
Isophorone
Concen: 38.061 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

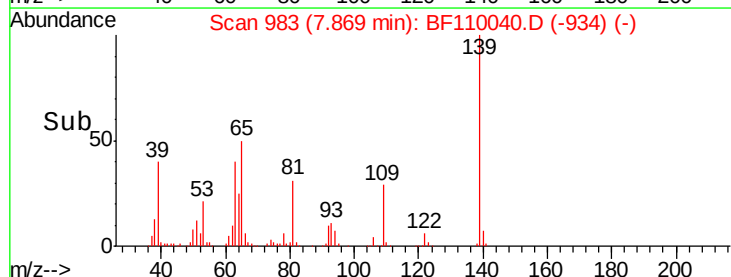
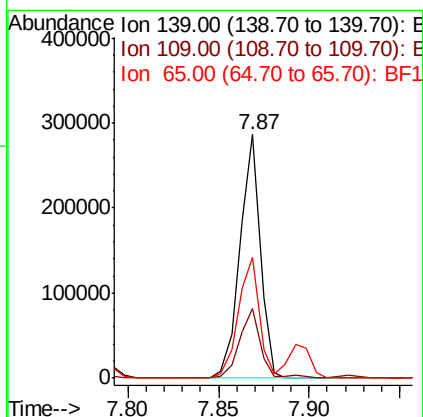
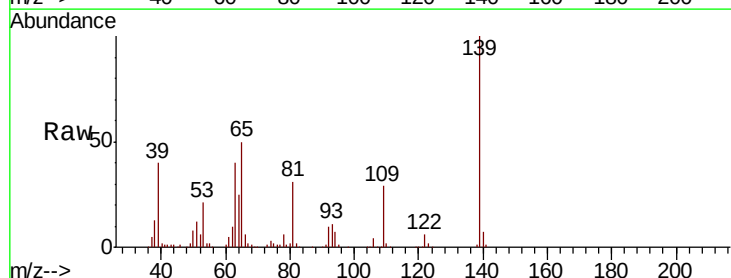
Instrument :
BNA_F
ClientSampled :

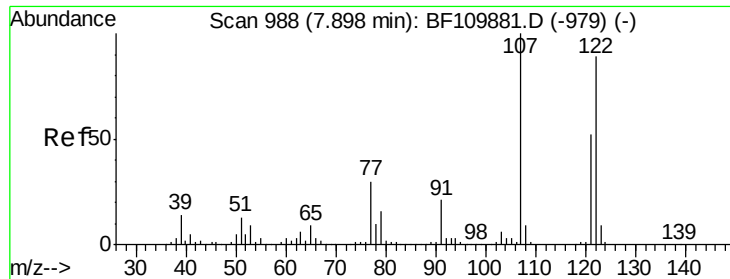
Tot Ion: 82 Resp: 751829
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.4 13.2 19.8



#26
2-Nitrophenol
Concen: 49.404 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion: 139 Resp: 223707
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.6
65 49.6 44.0 66.0

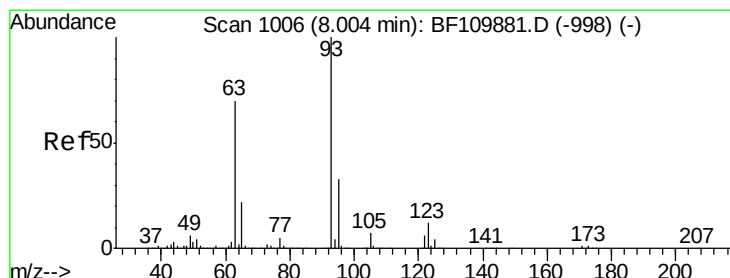
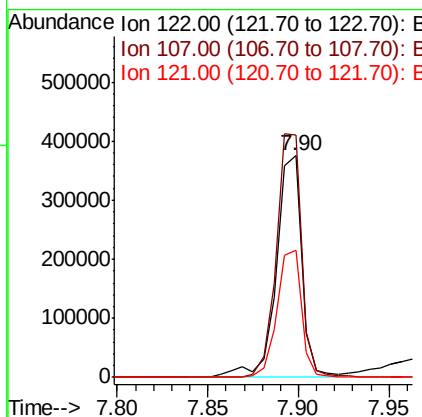
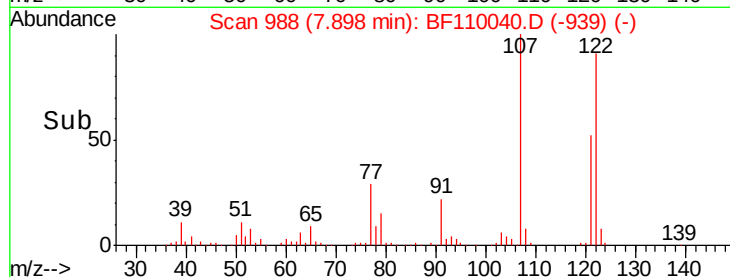
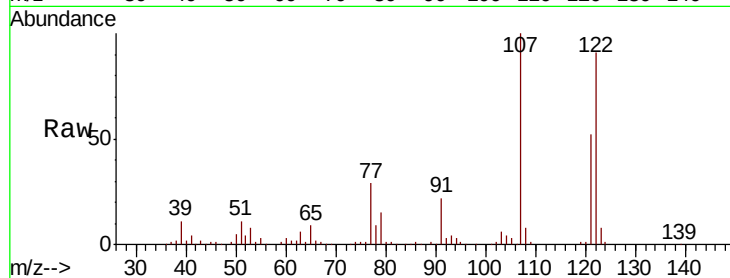




#27
2,4-Dimethylphenol
Concen: 38.581 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

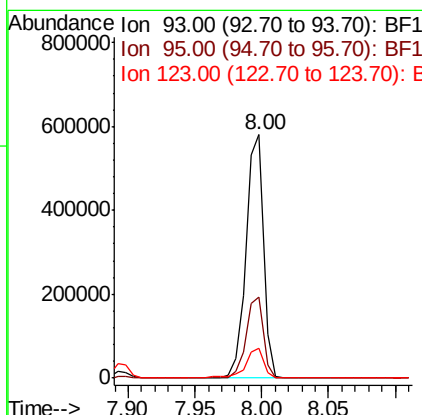
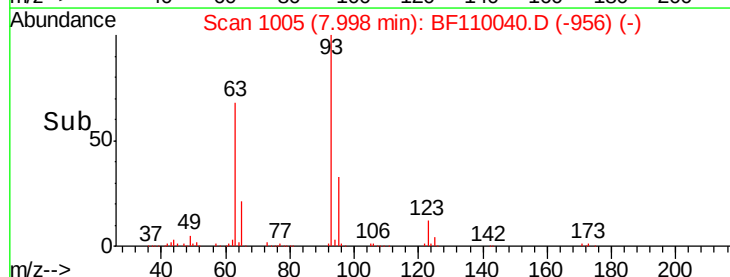
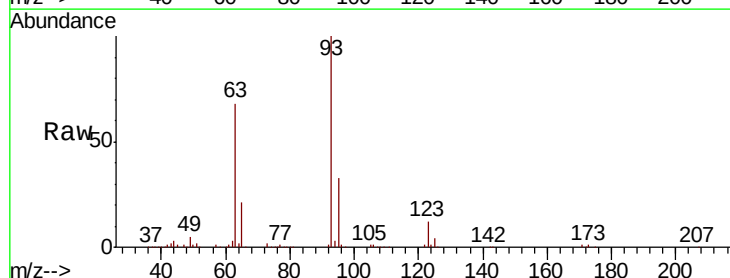
Instrument :
BNA_F
ClientSampleId :

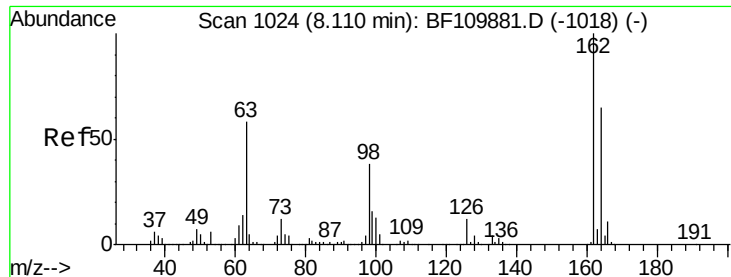
Tot Ion:122 Resp: 367086
Ion Ratio Lower Upper
122 100
107 109.6 92.5 138.7
121 57.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.477 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion: 93 Resp: 521617
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 12.1 9.0 13.6

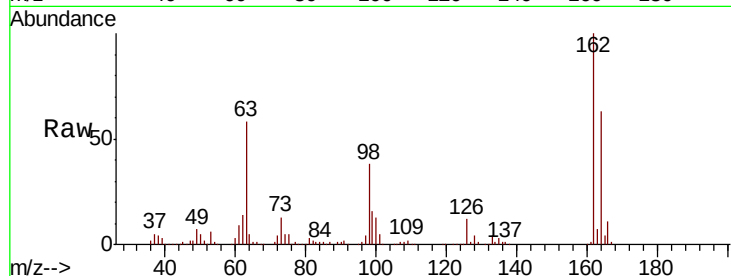




#29
 2,4-Dichlorophenol
 Concen: 40.831 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	38.1	17.4	57.4

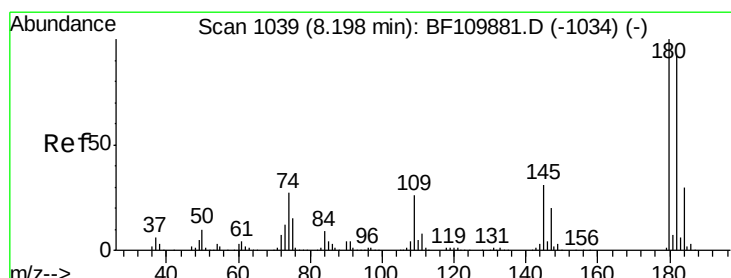
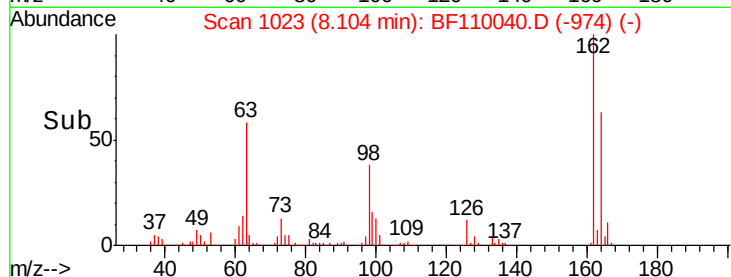
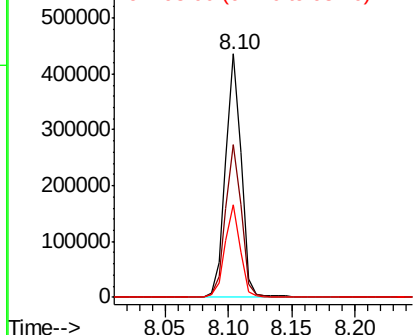


Abundance

Ion 162.00 (161.70 to 162.70): E

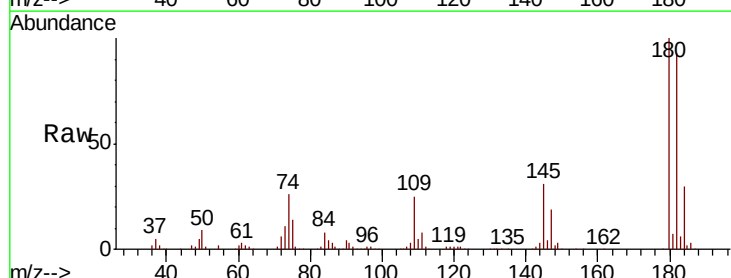
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.189 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	80.3	120.5
145	31.3	25.4	38.0

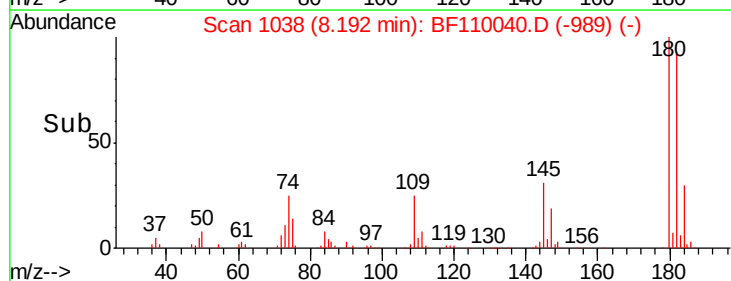
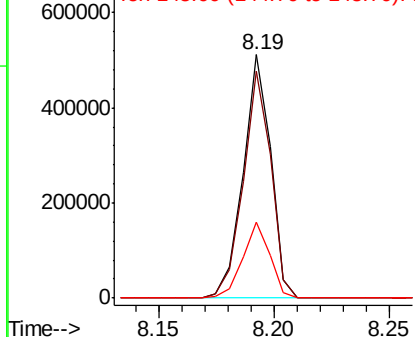


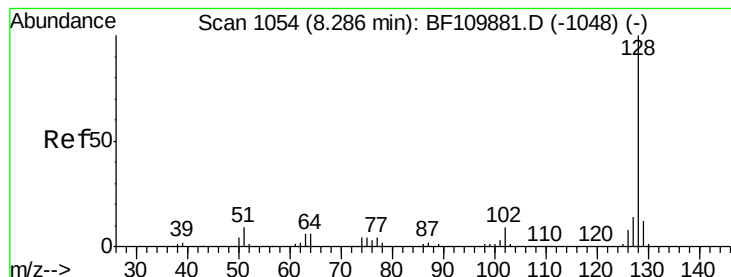
Abundance

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: 39.678 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

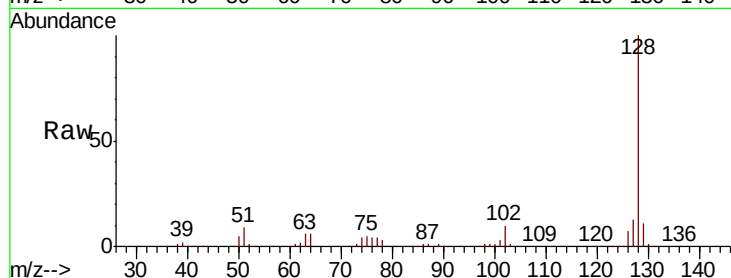
Tot Ion:128 Resp: 1232181

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

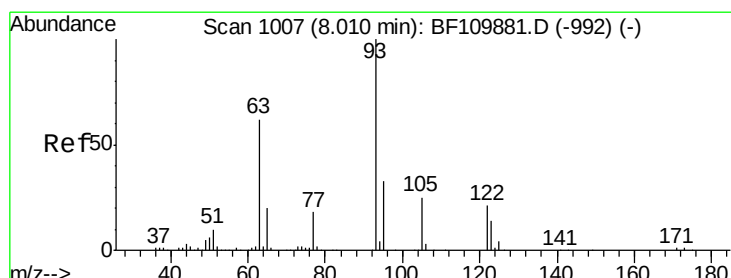
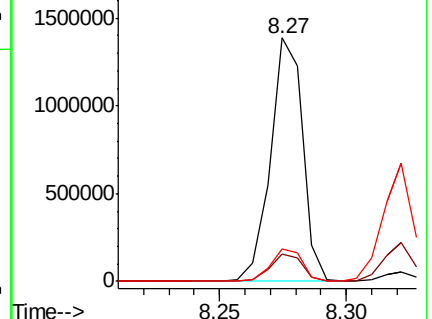
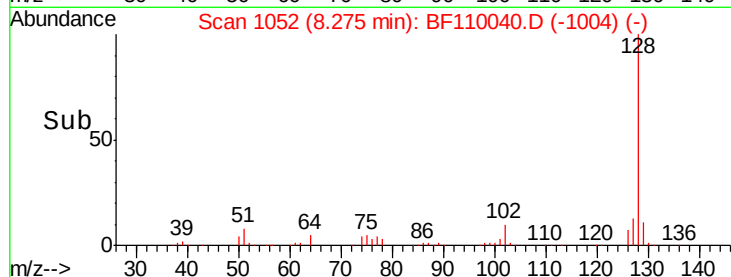
127 13.4 10.8 16.2



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: 16.510 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

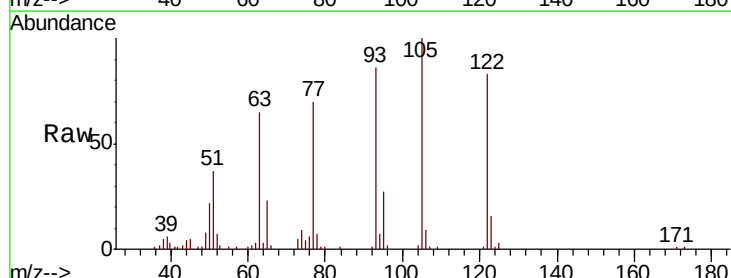
Tgt Ion:122 Resp: 97873

Ion Ratio Lower Upper

122 100

105 119.8 109.0 149.0

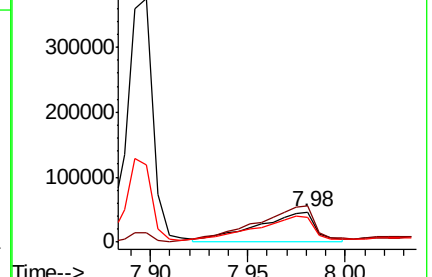
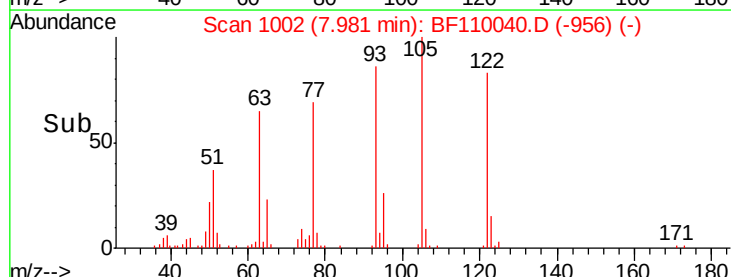
77 83.9 79.0 119.0

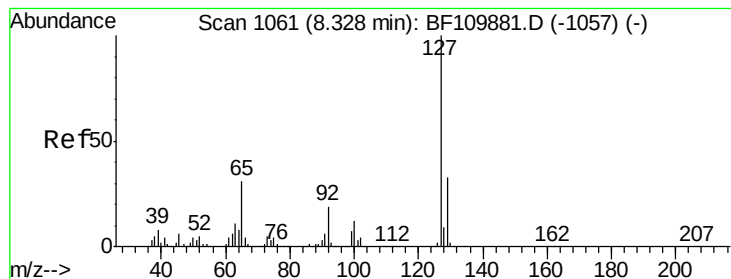


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.821 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF110040.D

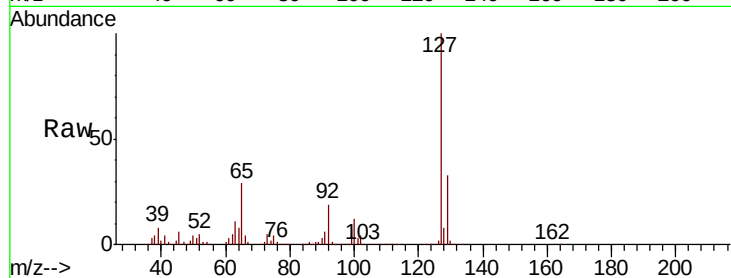
Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	555896
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	29.3	25.1	37.7
92	18.6	15.0	22.6



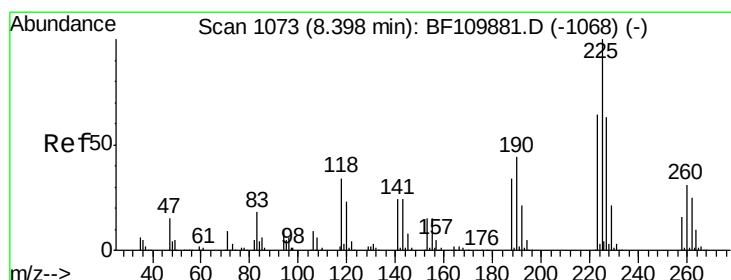
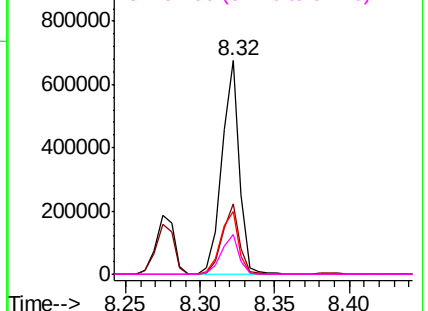
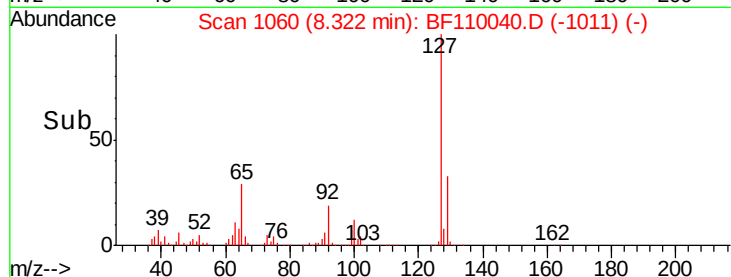
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.052 ng

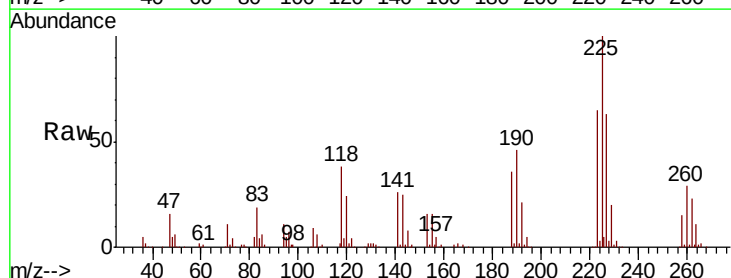
RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Tgt Ion:	225	Resp:	233949
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.4	77.2
227	63.4	51.0	76.6

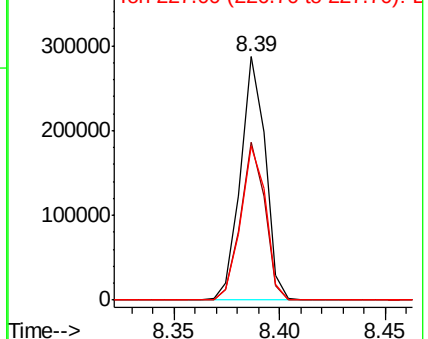
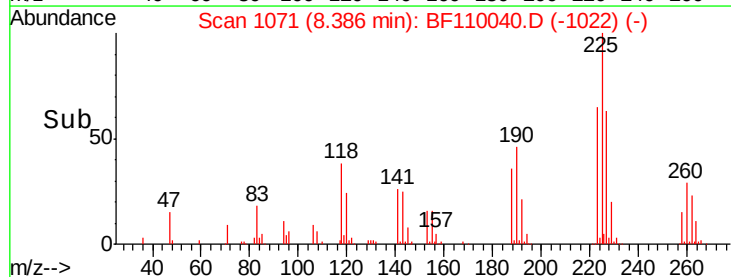


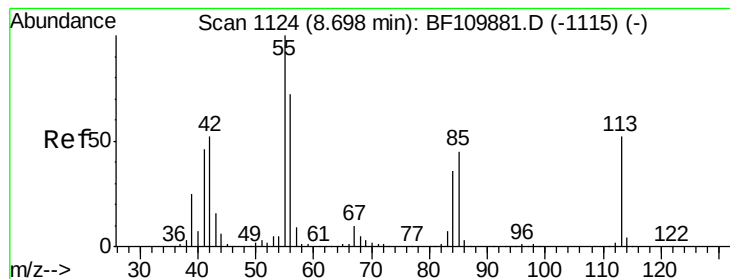
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.247 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

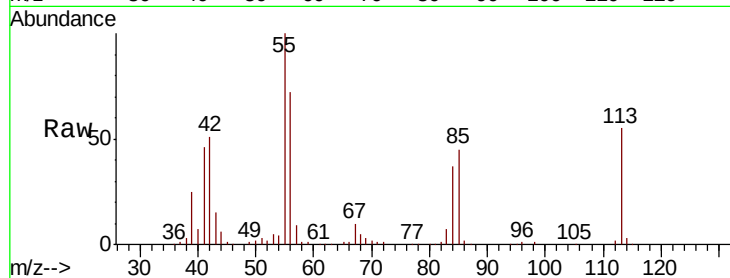
Tot Ion:113 Resp: 118818

Ion Ratio Lower Upper

113 100

55 181.9 142.8 182.8

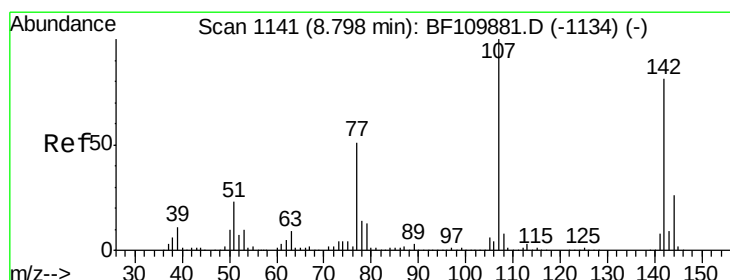
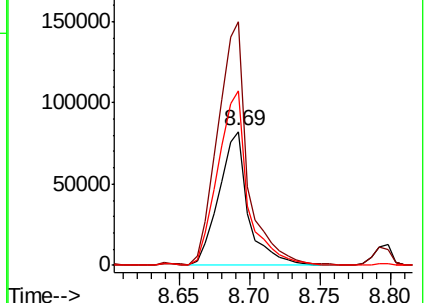
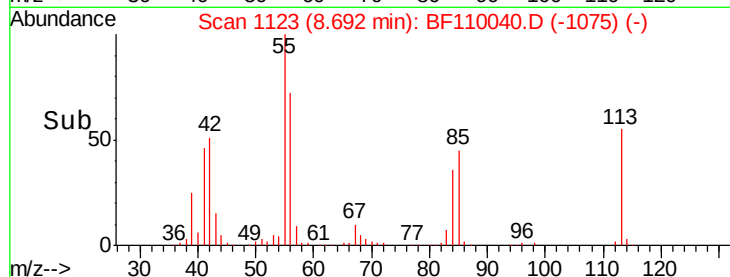
56 130.6 105.0 145.0



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: 40.694 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

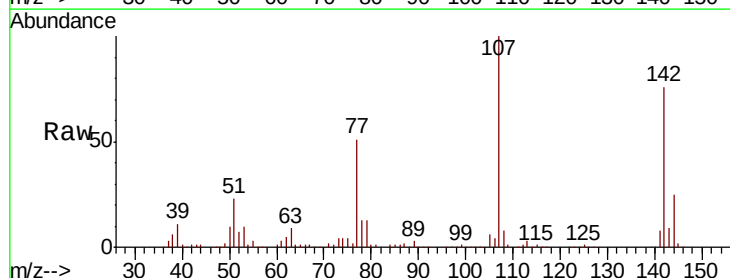
Tgt Ion:107 Resp: 396241

Ion Ratio Lower Upper

107 100

144 24.7 20.0 30.0

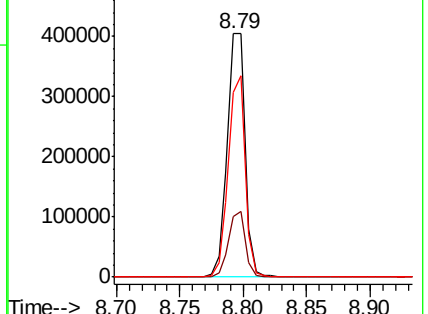
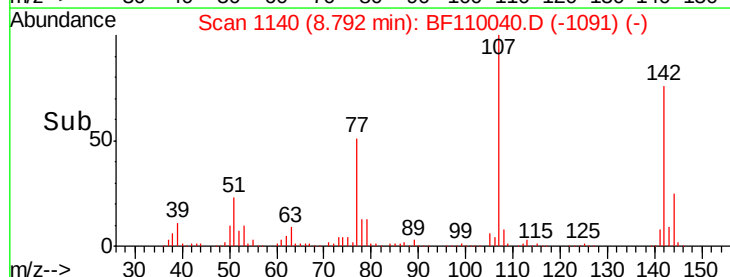
142 76.0 59.7 89.5

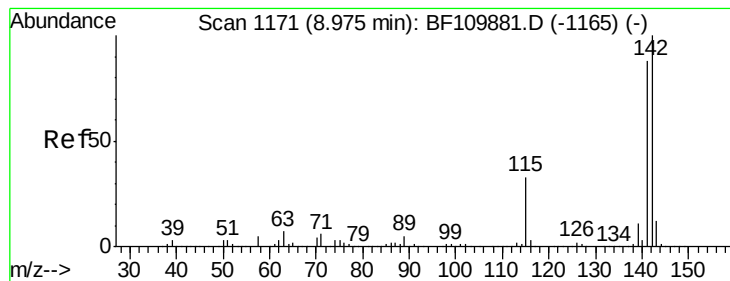


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.514 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

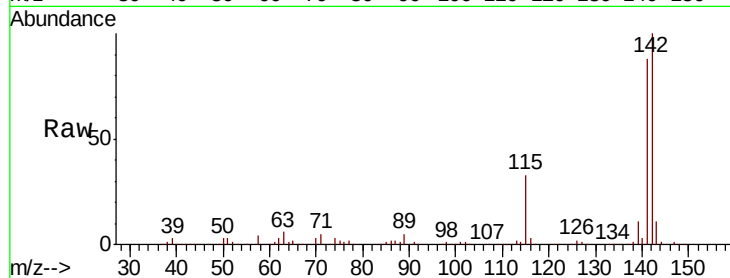
Tot Ion:142 Resp: 814690

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

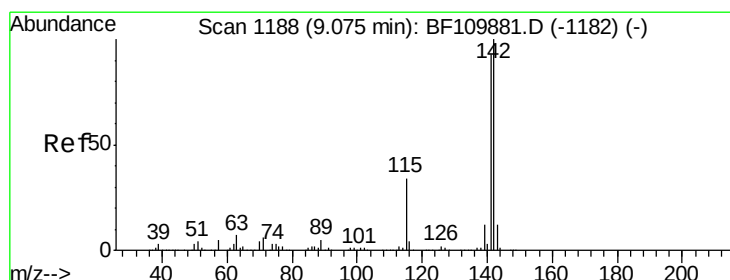
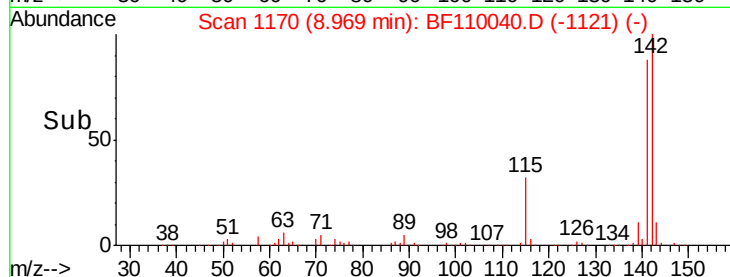
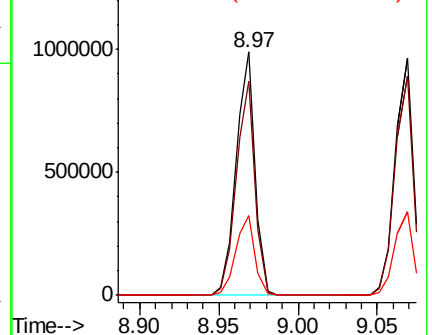
115 32.5 28.7 43.1



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

1-Methylnaphthalene

Concen: 39.483 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

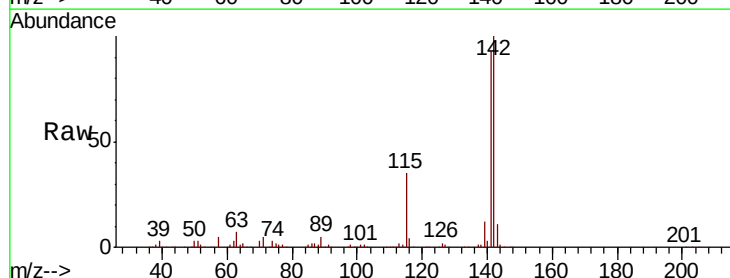
Tgt Ion:142 Resp: 769347

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

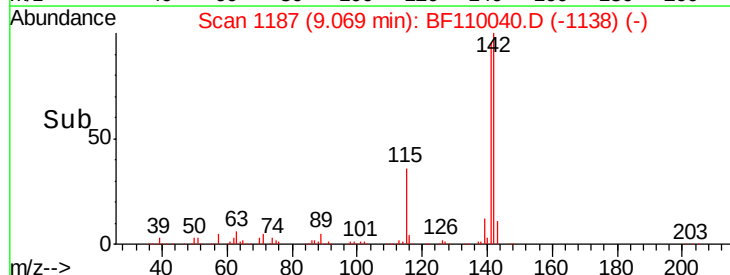
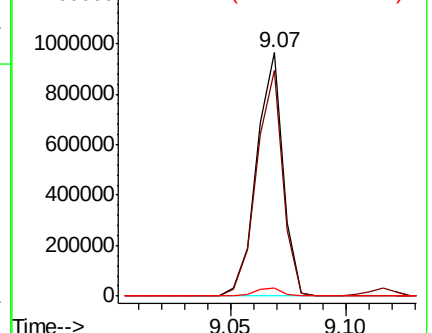
116 3.6 2.6 4.0

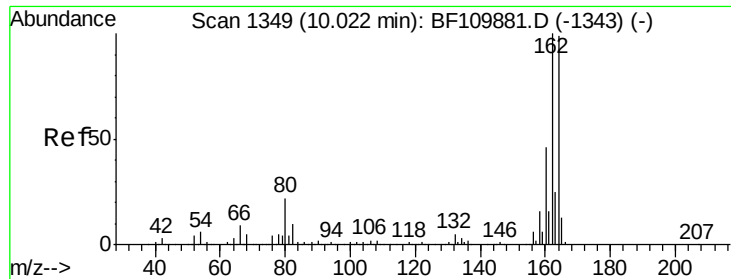


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

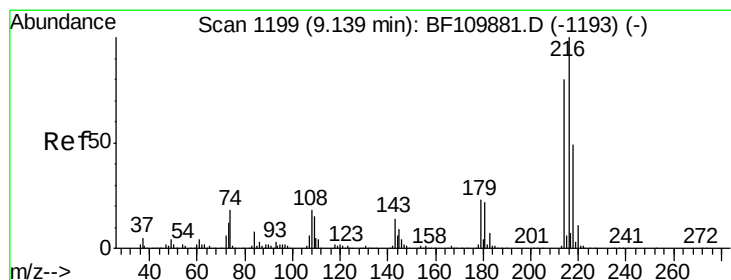
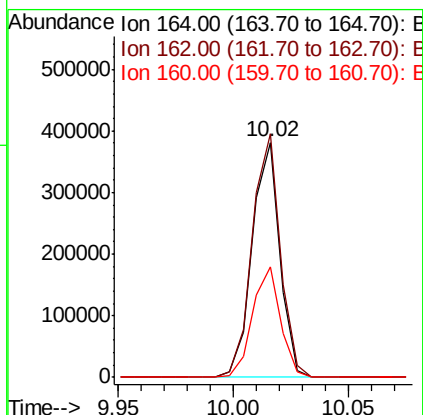
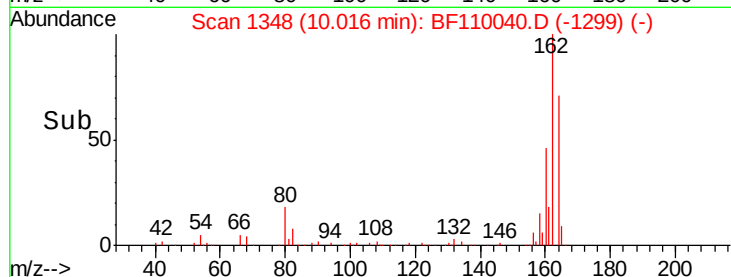
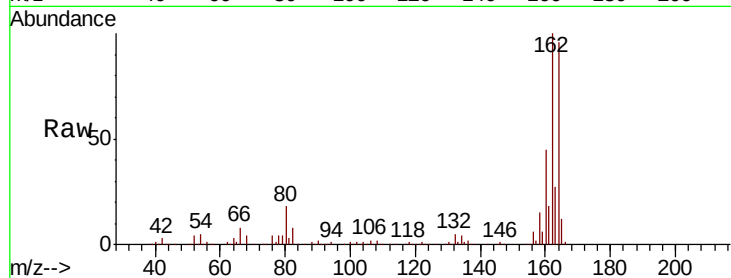
Tot Ion:164 Resp: 319498

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

160 47.0 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.027 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Tgt Ion:216 Resp: 393906

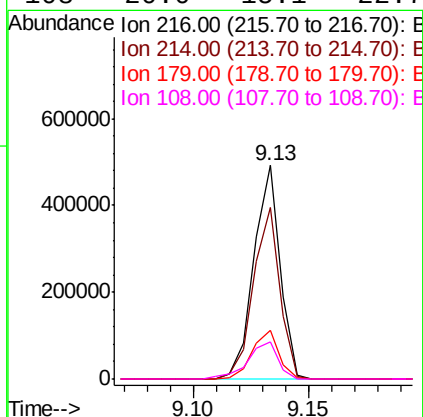
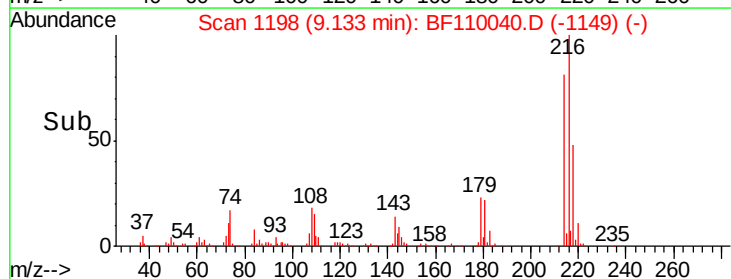
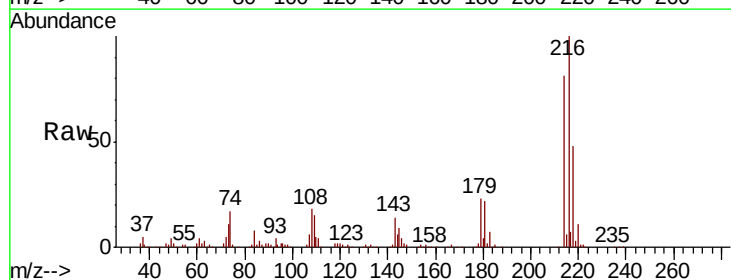
Ion Ratio Lower Upper

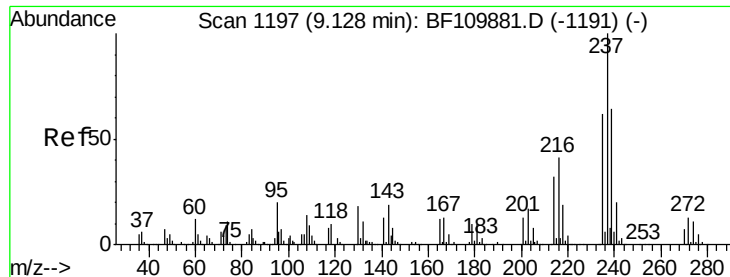
216 100

214 80.5 63.8 95.6

179 23.1 16.6 25.0

108 20.0 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 41.361 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

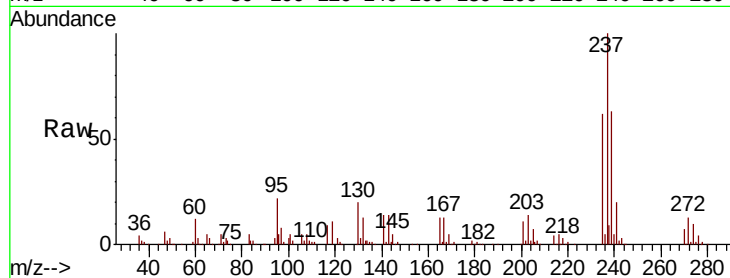
Tot Ion:237 Resp: 196457

Ion Ratio Lower Upper

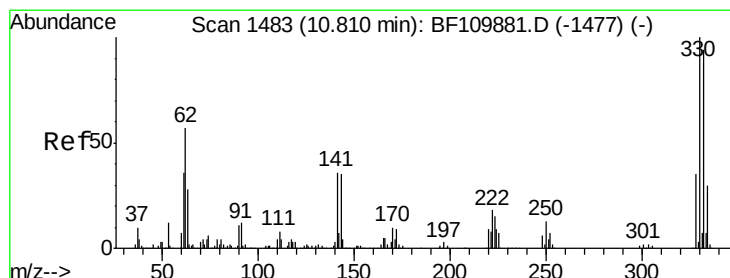
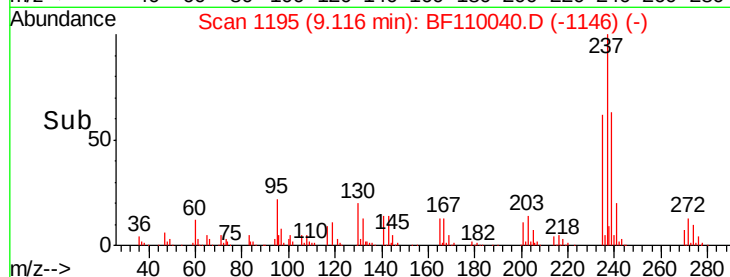
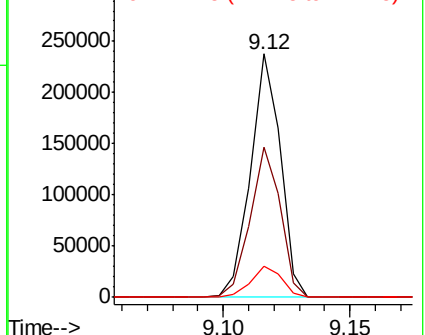
237 100

235 61.7 43.1 83.1

272 12.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 85.212 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

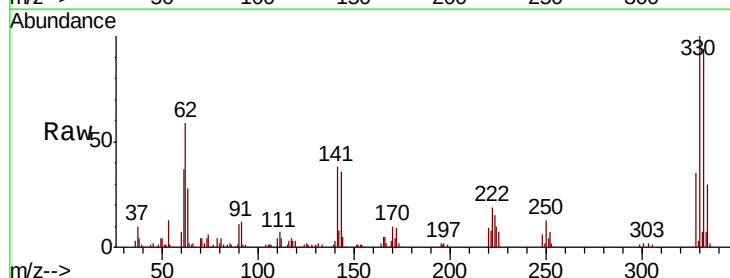
Tgt Ion:330 Resp: 235708

Ion Ratio Lower Upper

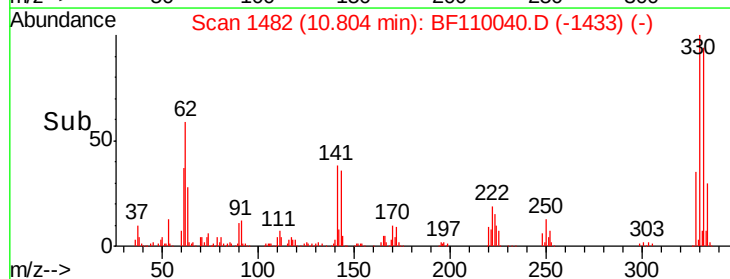
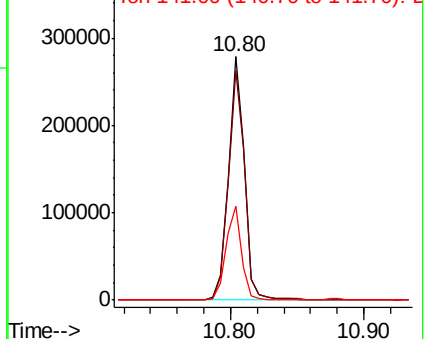
330 100

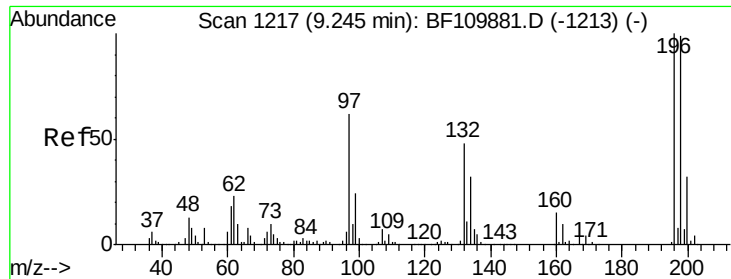
332 96.5 77.1 115.7

141 38.0 27.0 40.4



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

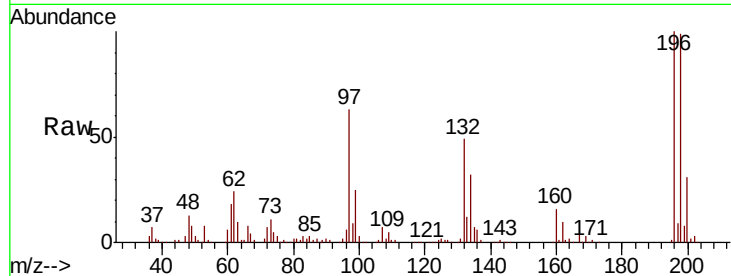




#43
 2,4,6-Trichlorophenol
 Concen: 41.126 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	253067
Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
200	30.9	24.4	36.6

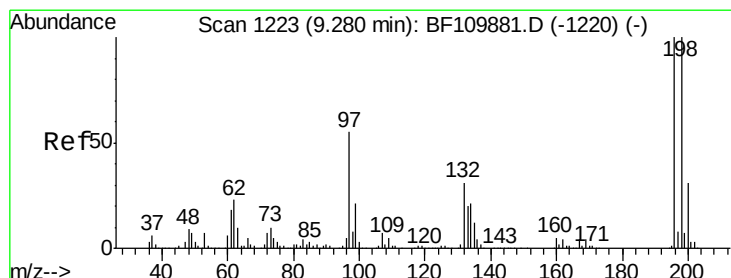
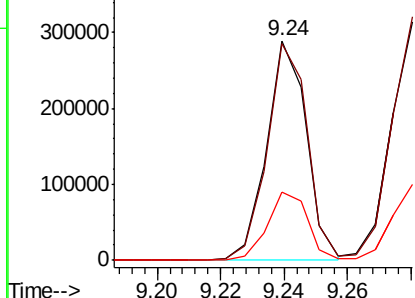
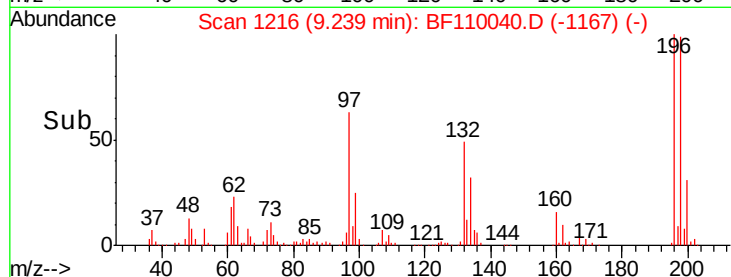


Abundance

Ion 196.00 (195.70 to 196.70): E

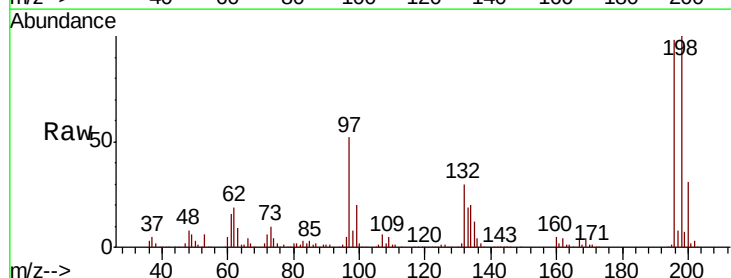
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.212 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	196	Resp	263200
Ion	Ratio	Lower	Upper
196	100		
198	102.2	75.8	113.6
97	53.4	42.4	63.6
132	30.6	22.8	34.2



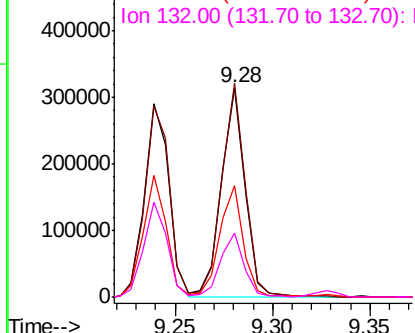
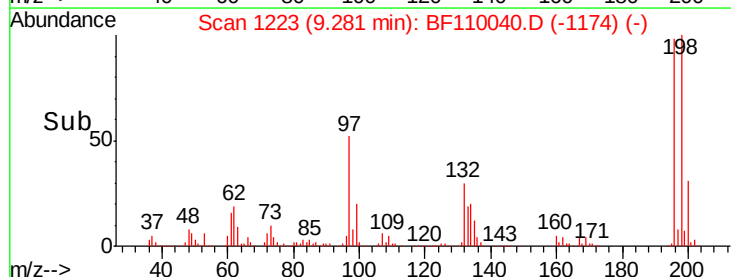
Abundance

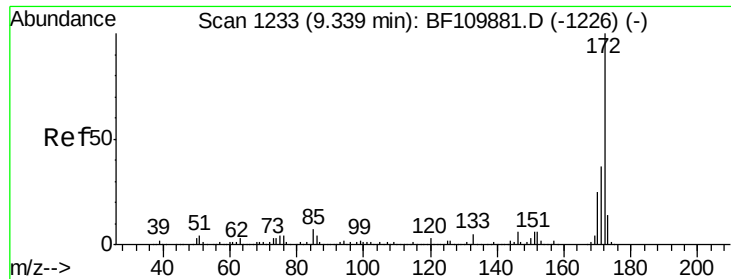
Ion 196.00 (195.70 to 196.70): E

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





#45

2-Fluorobiphenyl

Concen: 81.848 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

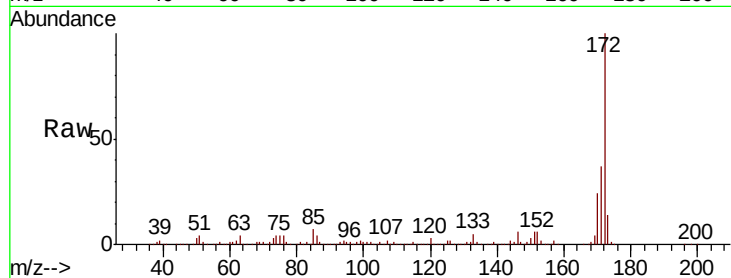
Tot Ion:172 Resp: 1638852

Ion Ratio Lower Upper

172 100

171 36.7 28.6 43.0

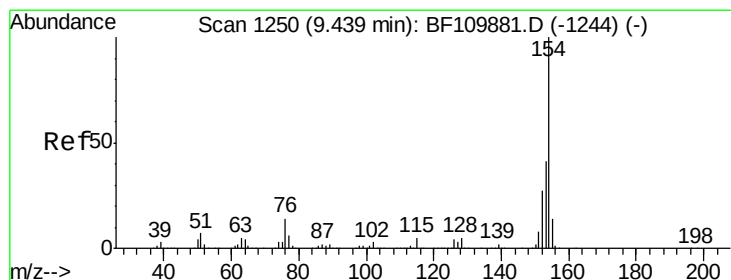
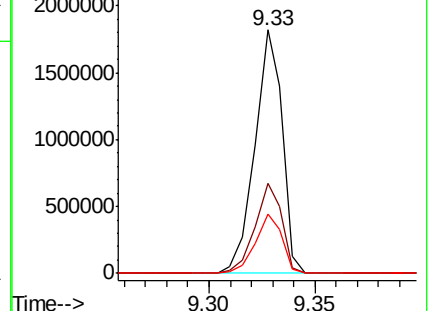
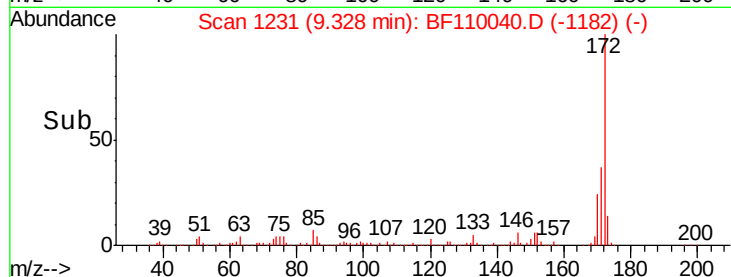
170 24.1 19.7 29.5



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



#46

1,1'-Biphenyl

Concen: 39.990 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

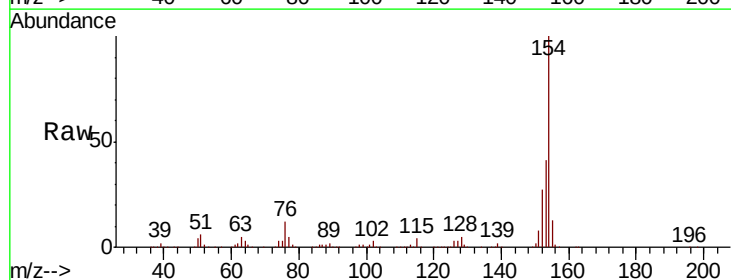
Tgt Ion:154 Resp: 1138368

Ion Ratio Lower Upper

154 100

153 41.3 20.4 60.4

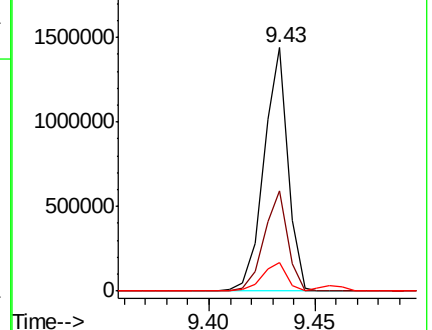
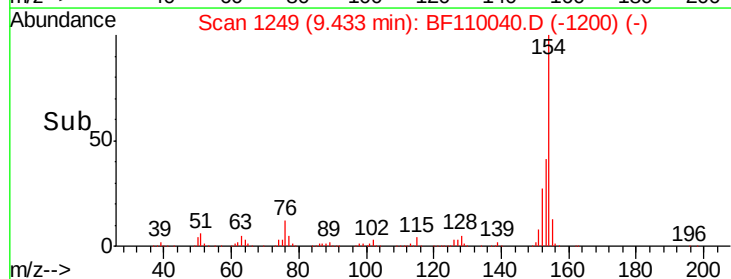
76 11.7 0.0 31.9

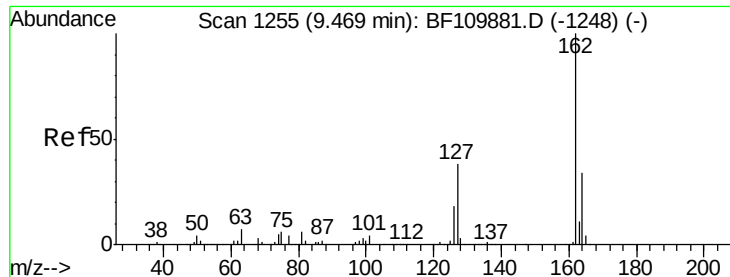


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

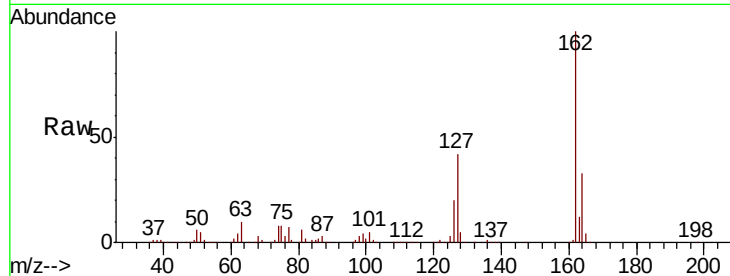




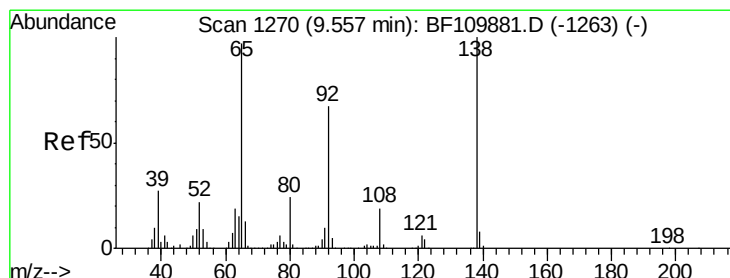
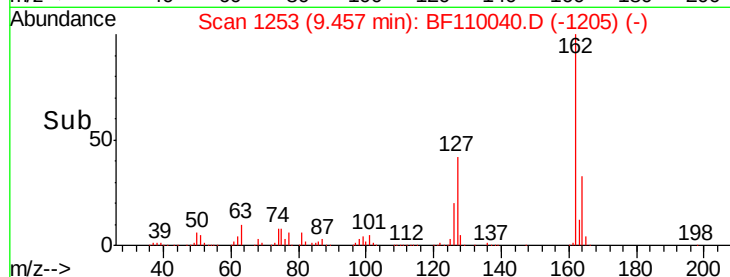
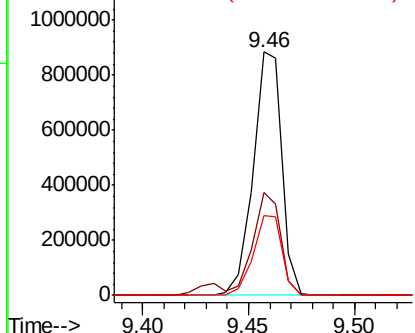
#47
 2-Chloronaphthalene
 Concen: 39.692 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.6	48.8
164	32.6	25.9	38.9

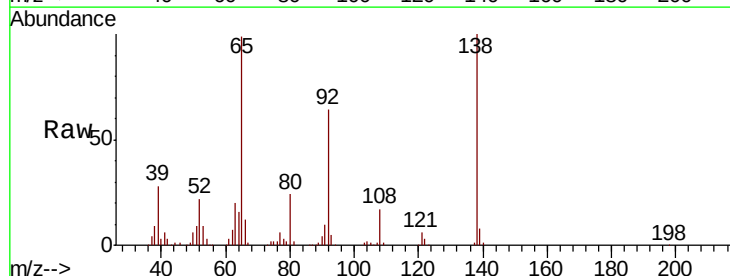


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

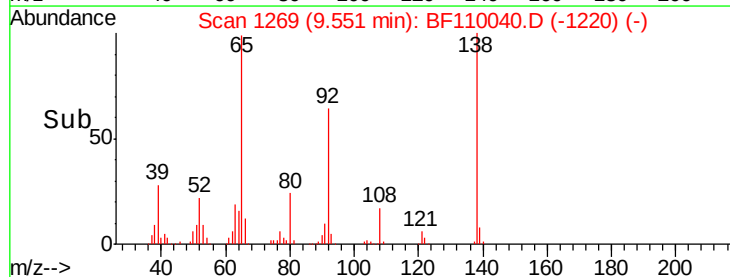
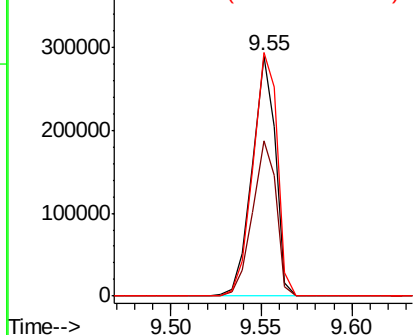


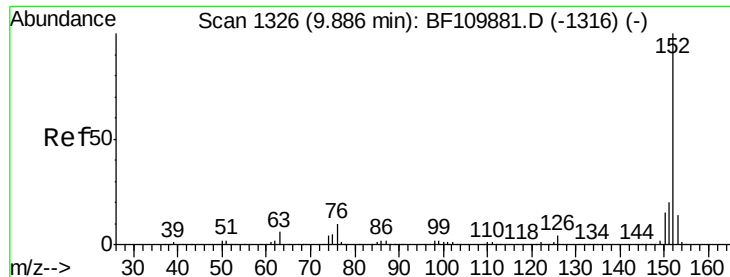
#48
 2-Nitroaniline
 Concen: 47.904 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	54.6	81.8
138	101.4	80.3	120.5



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





#49

Acenaphthylene

Concen: 39.310 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

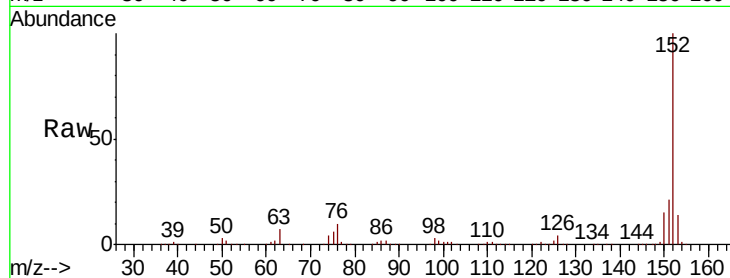
Tot Ion:152 Resp: 1197408

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

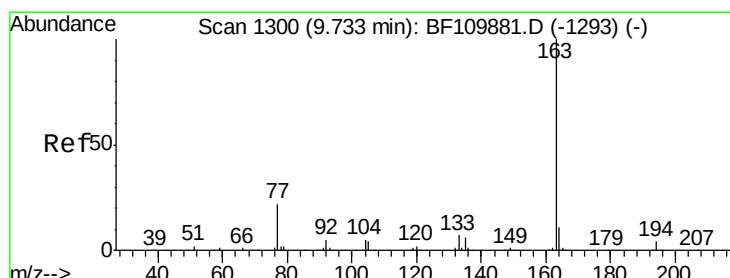
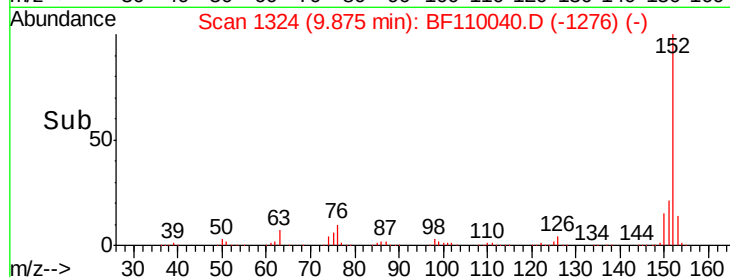
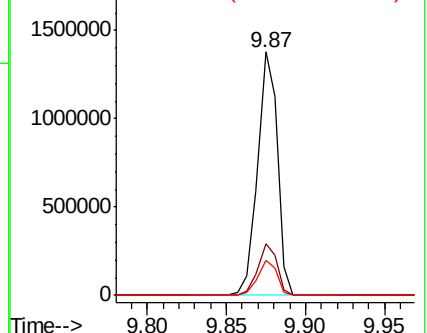
153 14.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.576 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

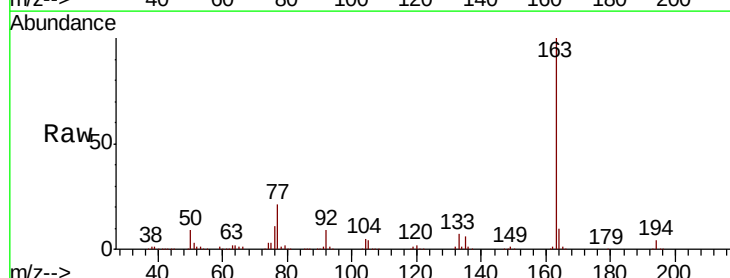
Tgt Ion:163 Resp: 895350

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

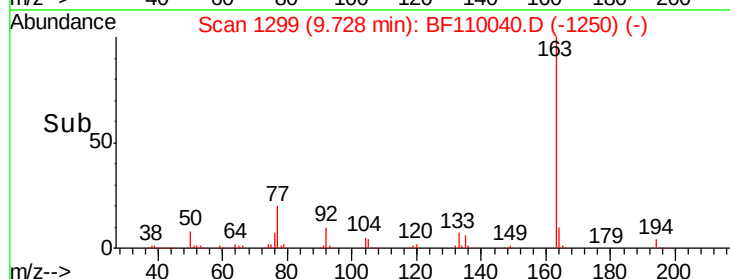
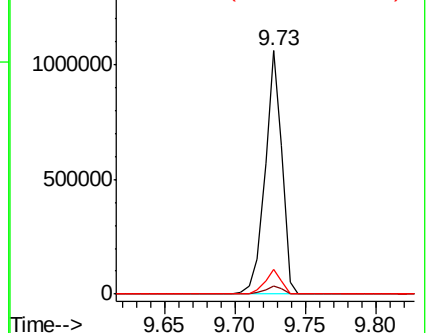
164 10.2 8.1 12.1

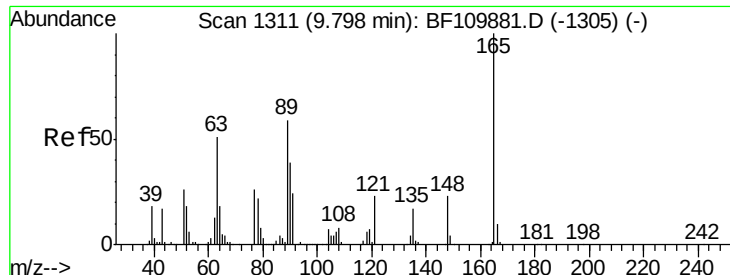


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

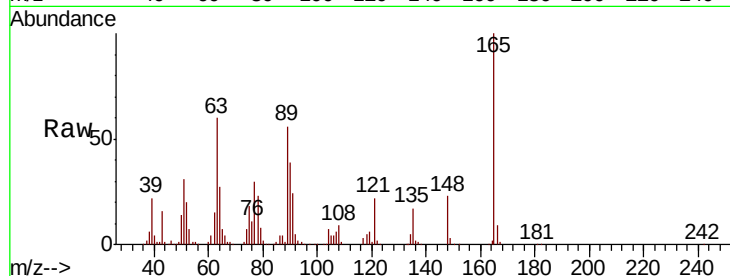




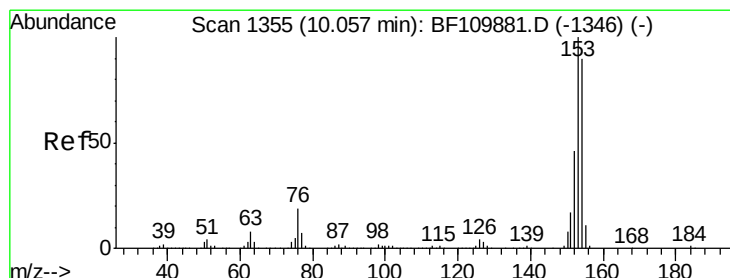
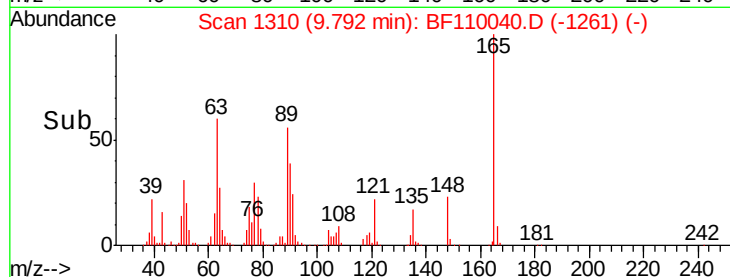
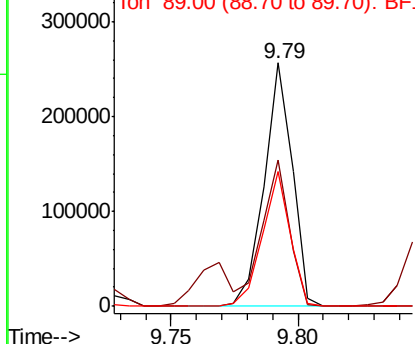
#51
 2,6-Dinitrotoluene
 Concen: 46.454 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.9	48.9	73.3
89	55.6	46.6	69.8

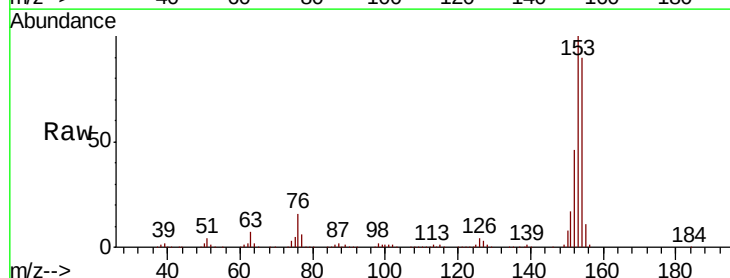


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

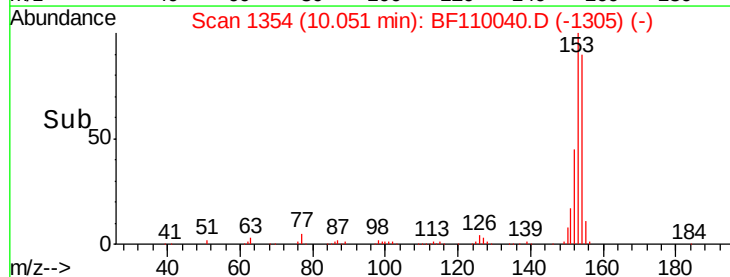
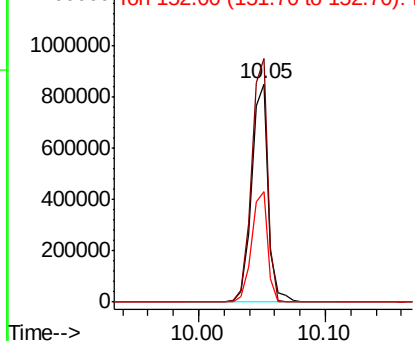


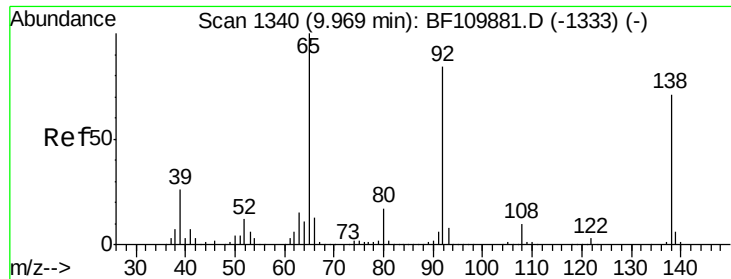
#52
 Acenaphthene
 Concen: 40.076 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.1	135.1
152	50.9	43.4	65.2



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



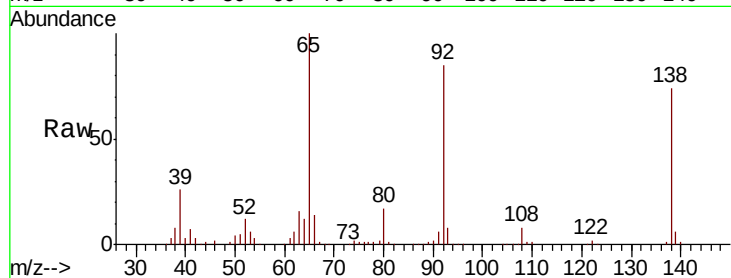


#53
 3-Nitroaniline
 Concen: 45.615 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

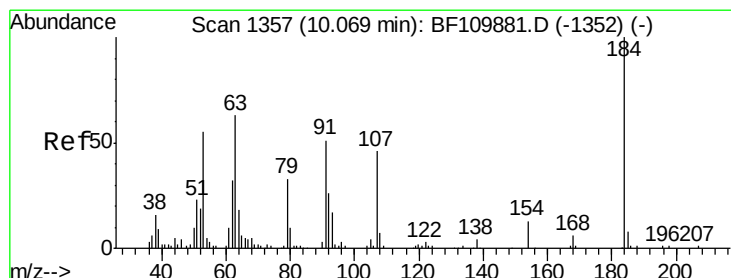
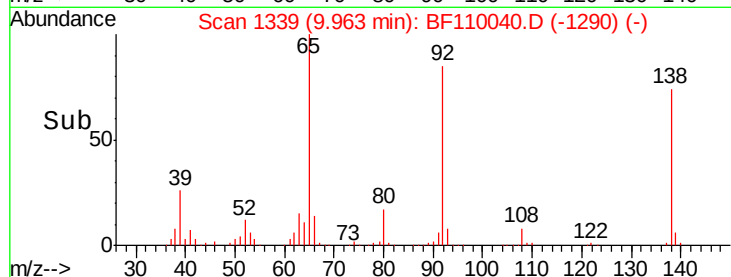
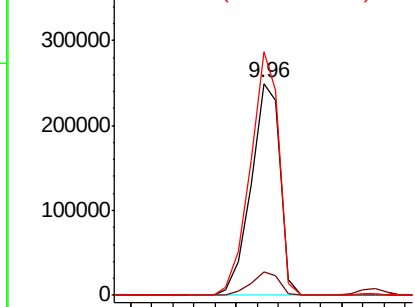
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 238429

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	114.8	97.0	145.4



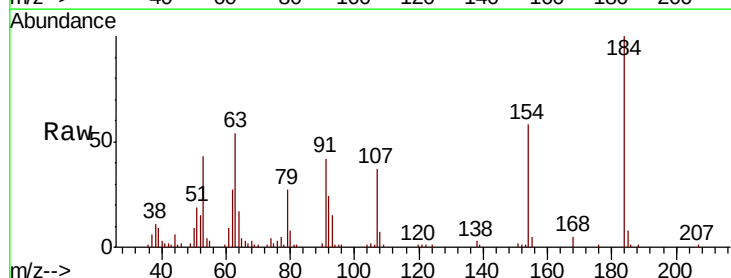
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1



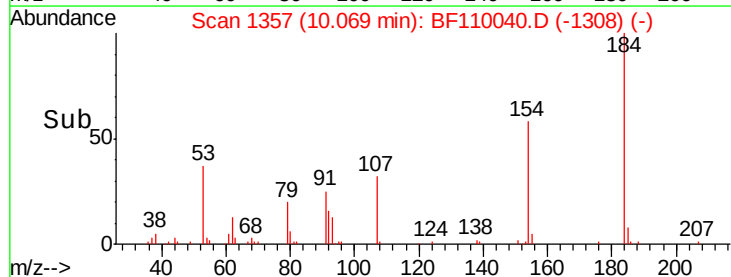
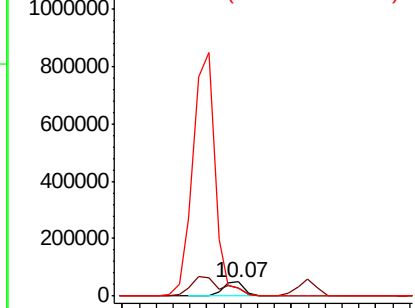
#54
 2,4-Dinitrophenol
 Concen: 37.998 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

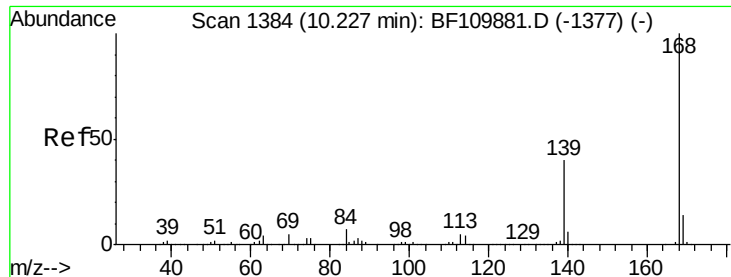
Tgt Ion:184 Resp: 44808

Ion	Ratio	Lower	Upper
184	100		
63	53.6	55.8	83.6#
154	58.3	63.2	94.8#



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

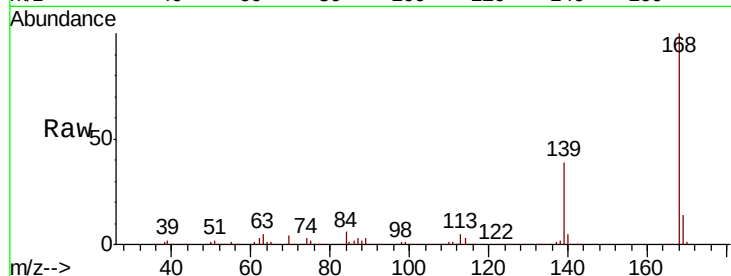




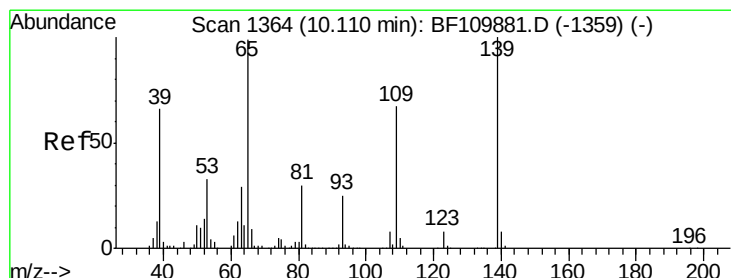
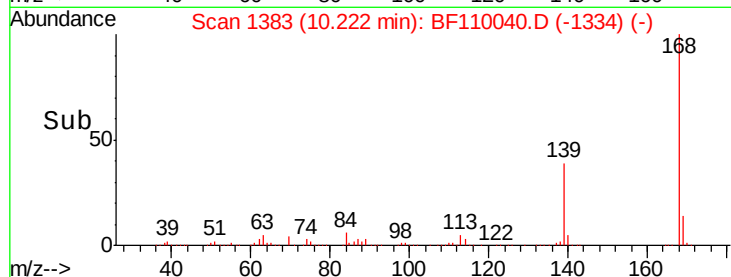
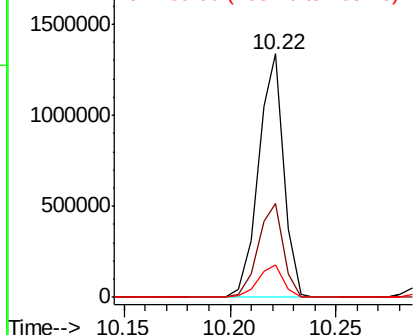
#55
Dibenzenofuran
Concen: 40.041 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1107427
Ion Ratio Lower Upper
168 100
139 38.7 33.0 49.6
169 13.6 11.3 16.9

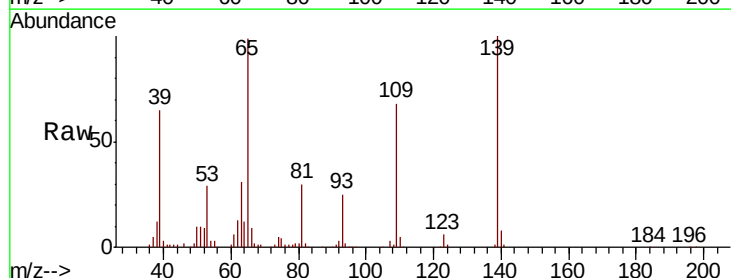


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

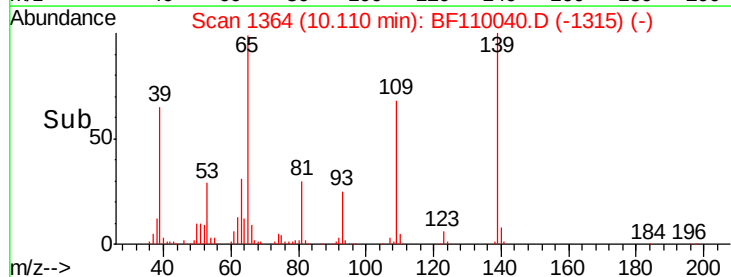
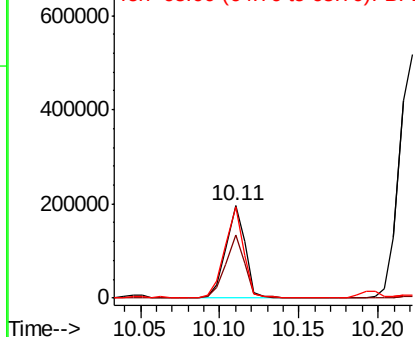


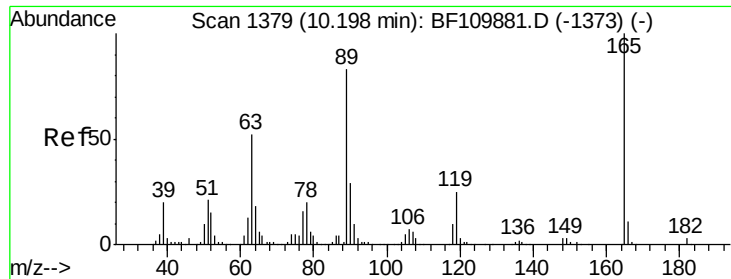
#56
4-Nitrophenol
Concen: 41.992 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:139 Resp: 167478
Ion Ratio Lower Upper
139 100
109 68.3 55.8 95.8
65 98.9 77.9 117.9



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

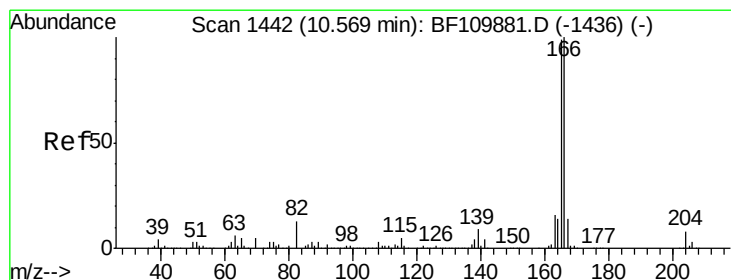
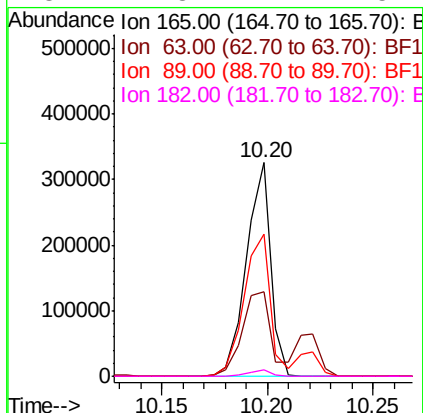
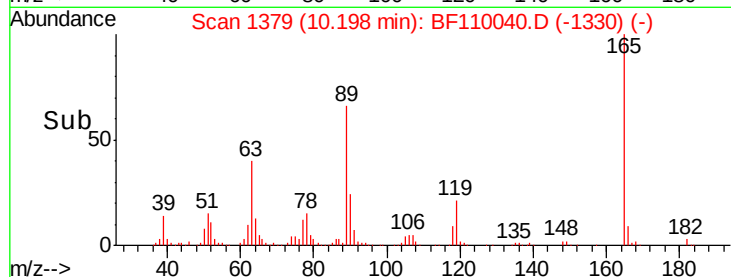
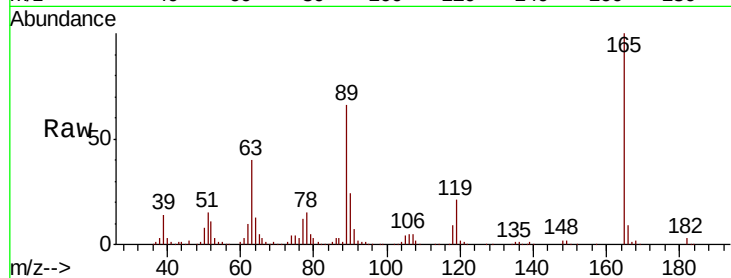




#57
 2,4-Dinitrotoluene
 Concen: 47.842 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

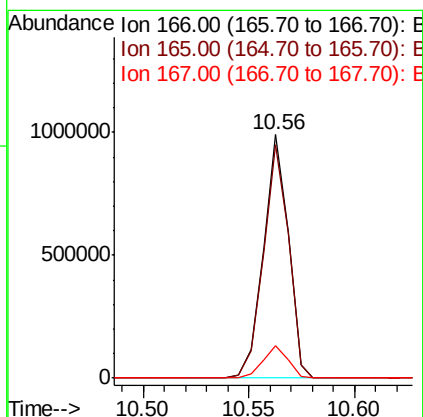
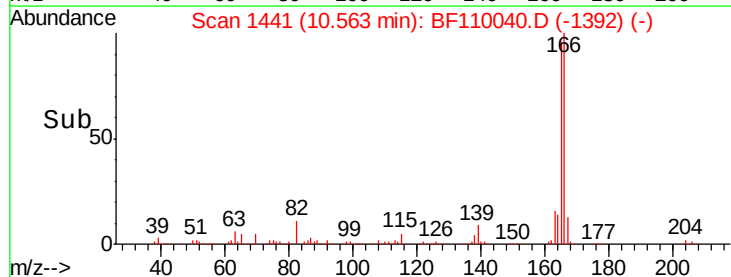
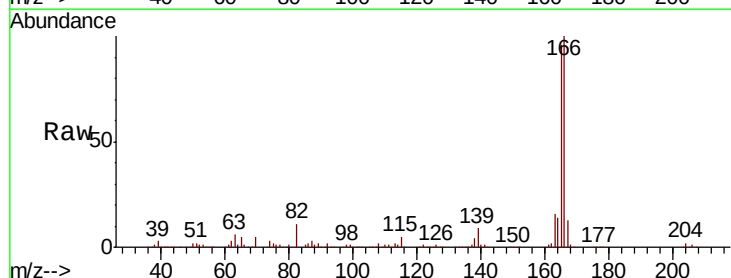
Instrument :
 BNA_F
 ClientSampled :

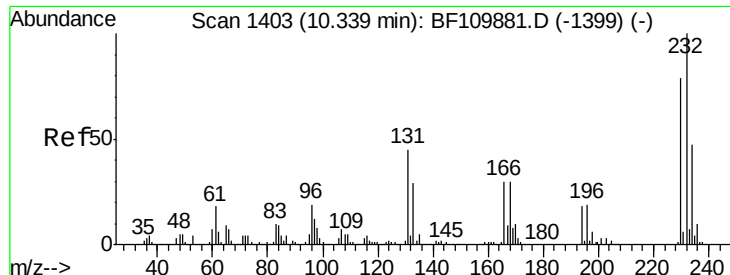
Tot Ion:165	Resp:	259590
Ion Ratio	Lower	Upper
165	100	
63	39.8	44.8 67.2#
89	66.3	62.2 93.4
182	2.8	2.1 3.1



#58
 Fluorene
 Concen: 40.426 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion:166	Resp:	813889
Ion Ratio	Lower	Upper
166	100	
165	95.8	78.6 117.8
167	13.2	10.8 16.2

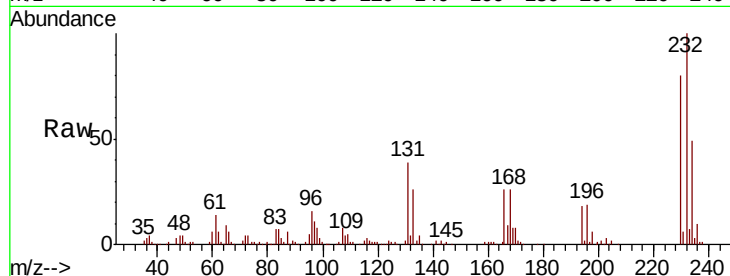




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.397 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	37.0	55.4
130	2.2	1.8	2.6
166	26.4	22.0	33.0



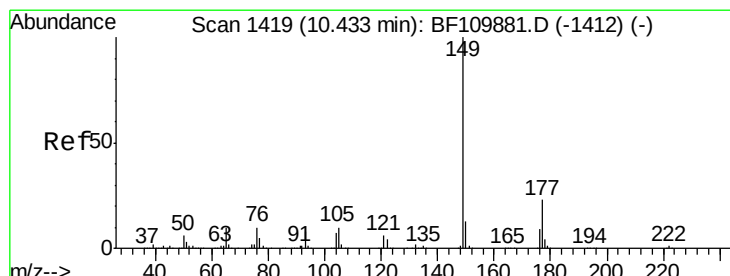
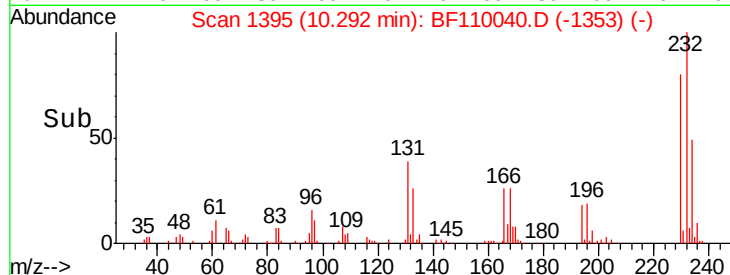
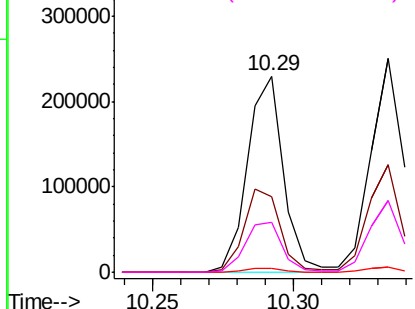
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

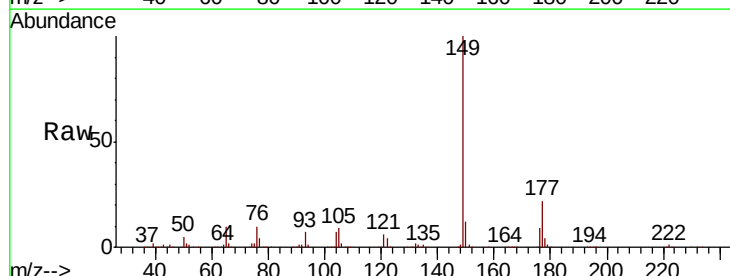
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.888 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.4	9.8	14.8

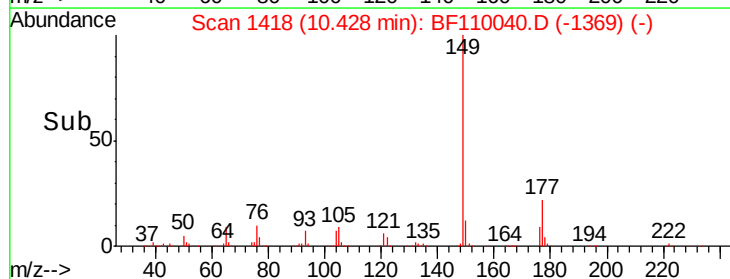
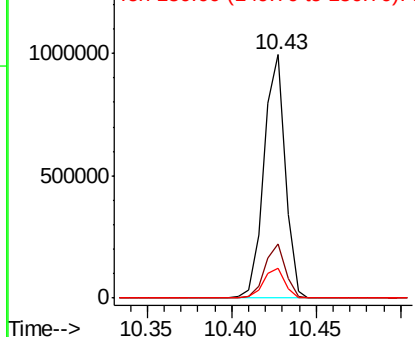


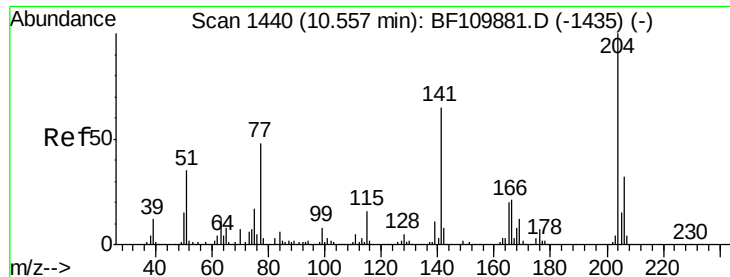
Abundance

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

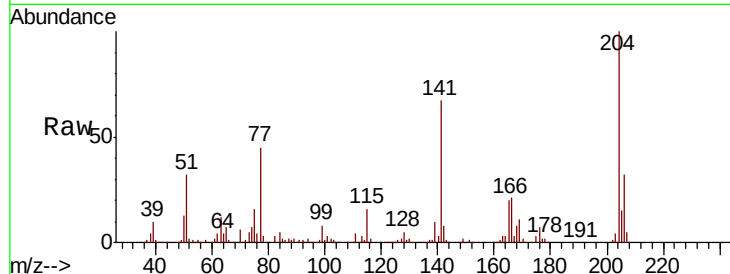




#61
4-Chlorophenyl-phenylether
Concen: 40.246 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	66.7	51.8	77.8

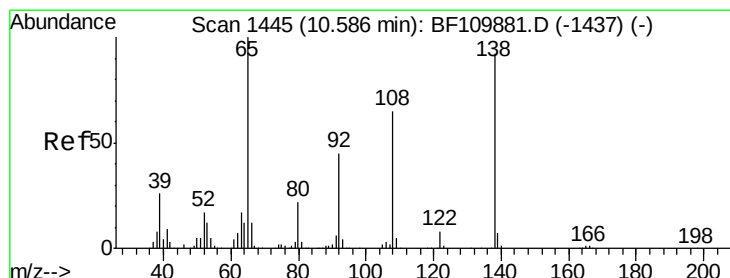
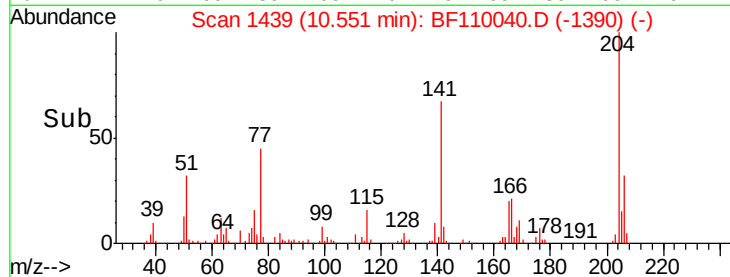
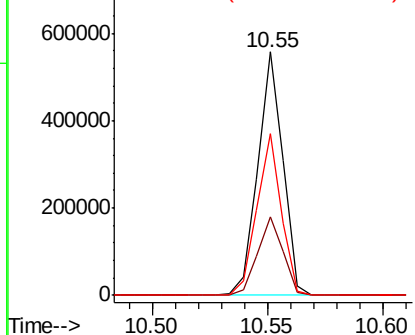


Abundance

Ion 204.00 (203.70 to 204.70): E

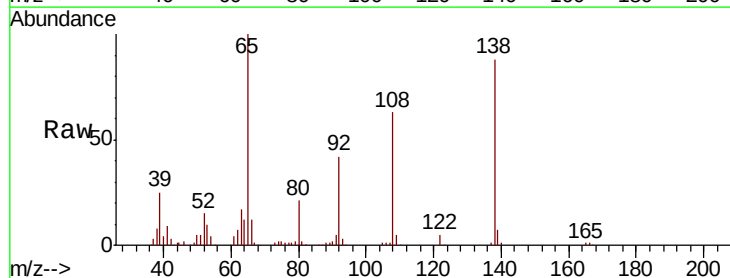
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.267 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	31.7	71.7
108	71.3	59.3	99.3

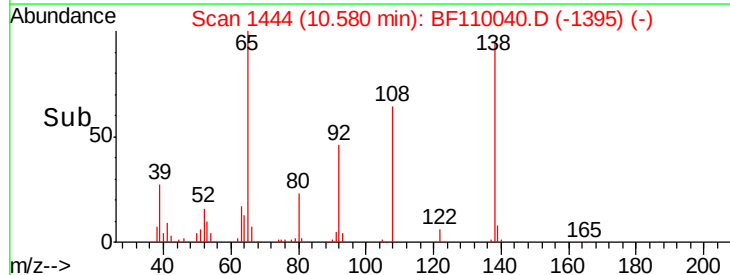
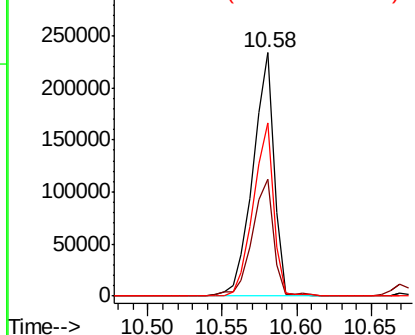


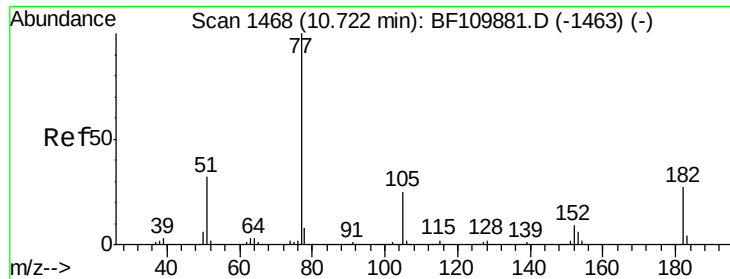
Abundance

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





#63

Azobenzene

Concen: 37.969 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 886316

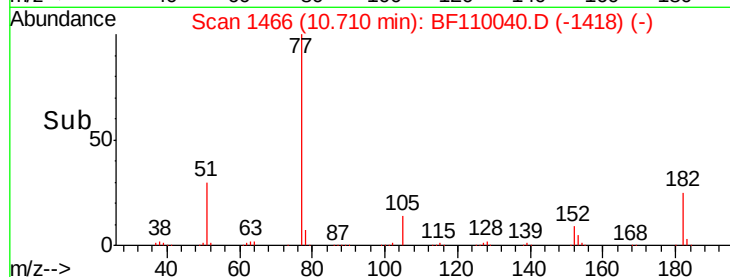
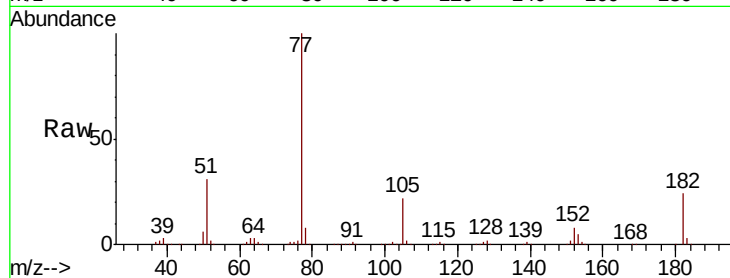
Ion Ratio Lower Upper

77 100

182 23.9 4.3 44.3

105 22.4 1.3 41.3

51 31.4 9.0 49.0

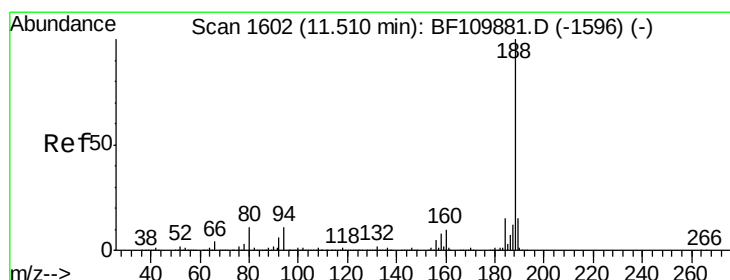
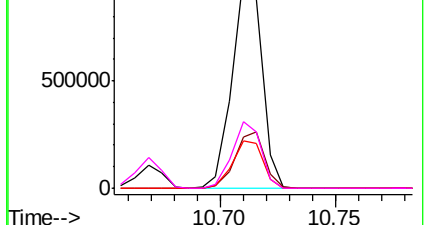


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

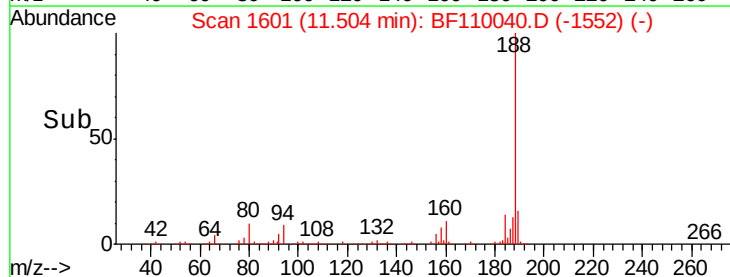
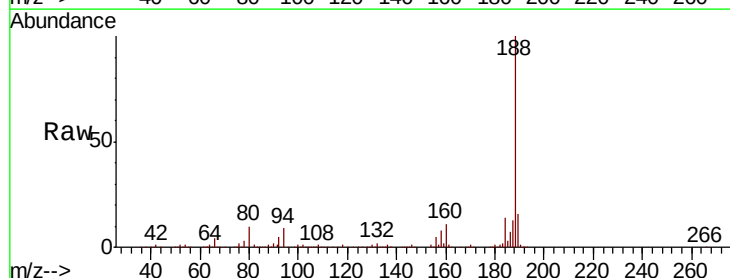
Tgt Ion: 188 Resp: 591065

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

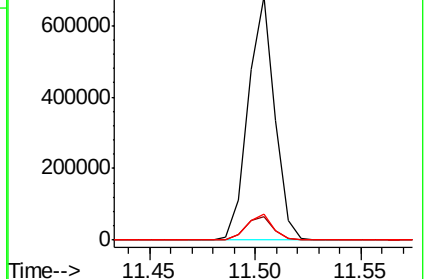
80 10.4 7.9 11.9

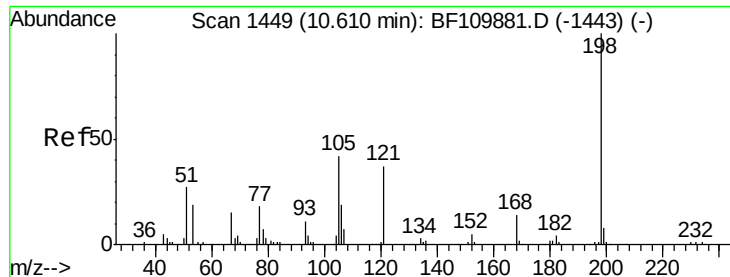


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

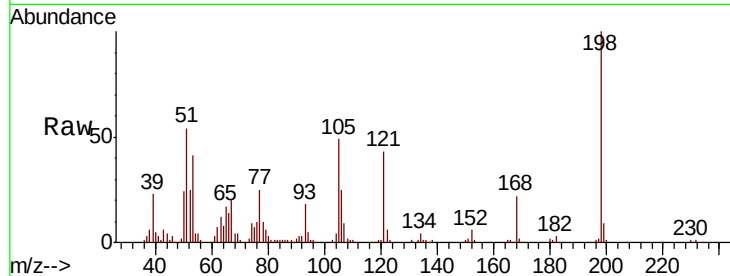




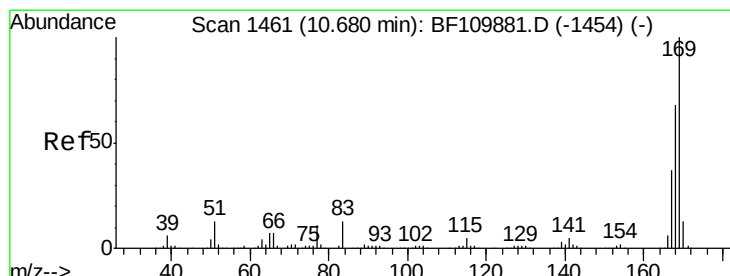
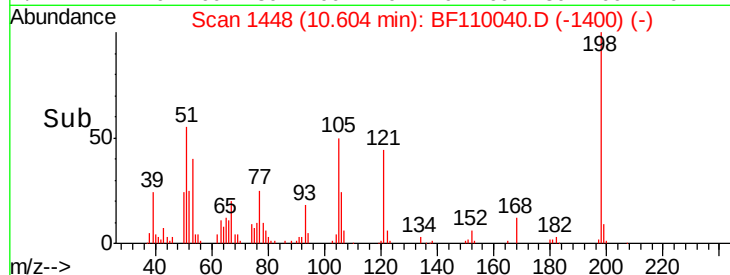
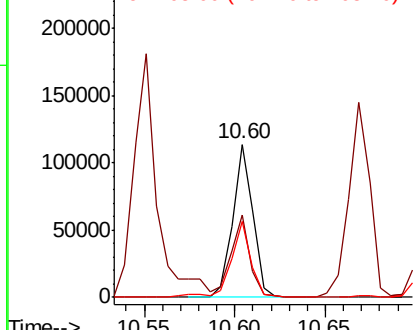
#65
4,6-Dinitro-2-methylphenol
Concen: 42.193 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 87896
Ion Ratio Lower Upper
198 100
51 54.0 22.8 62.8
105 49.2 23.6 63.6

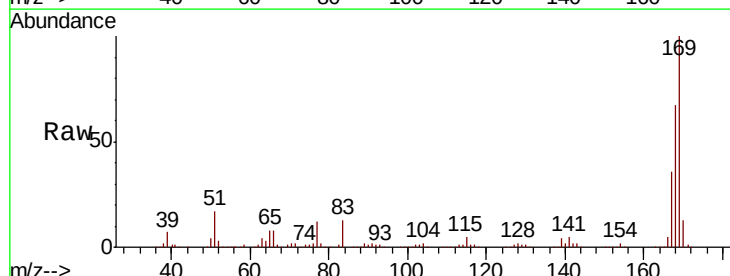


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

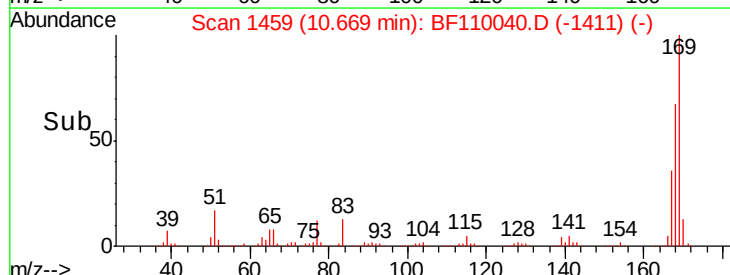
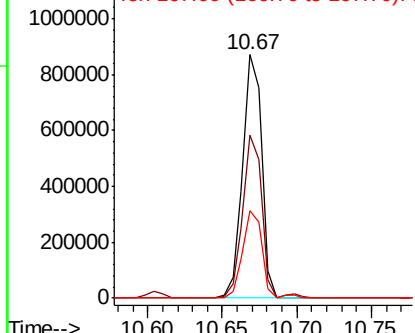


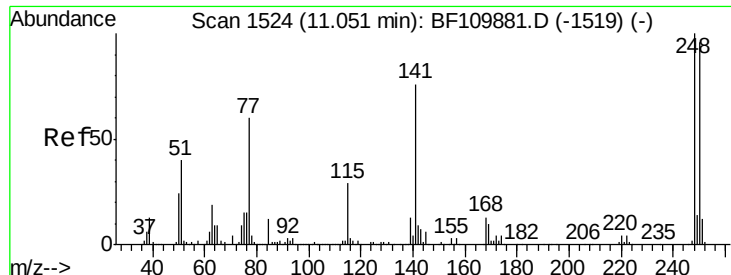
#66
n-Nitrosodiphenylamine
Concen: 39.431 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:169 Resp: 776250
Ion Ratio Lower Upper
169 100
168 67.1 51.2 76.8
167 36.0 27.8 41.6



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

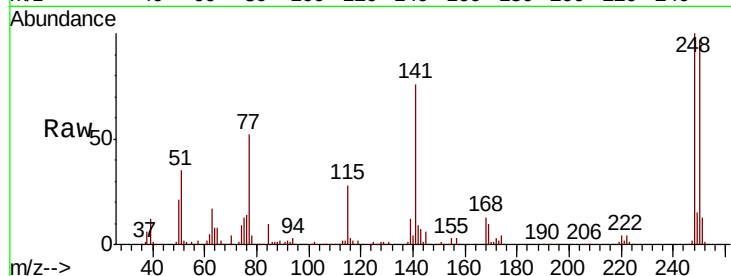




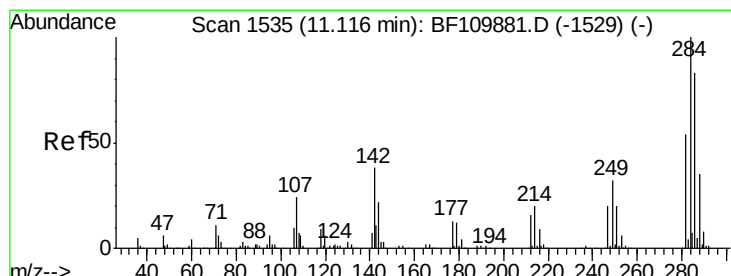
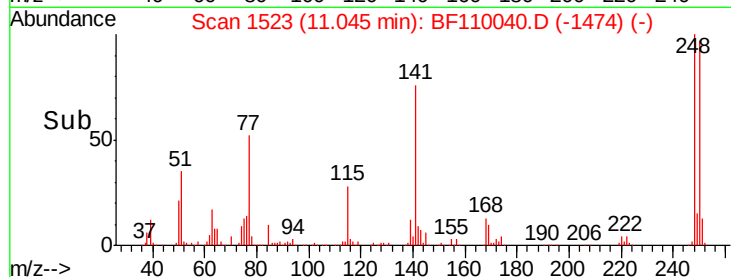
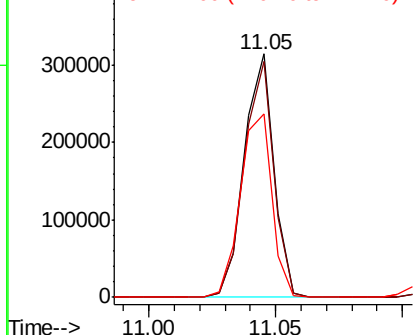
#67
4-Bromophenyl-phenylether
Concen: 40.071 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 256677
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 75.5 55.9 83.9

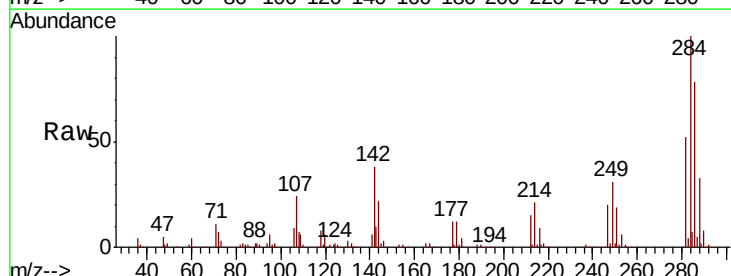


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

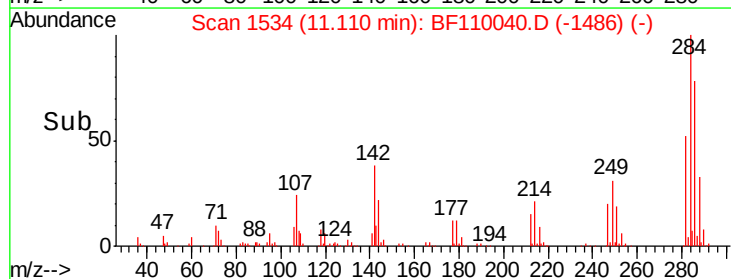
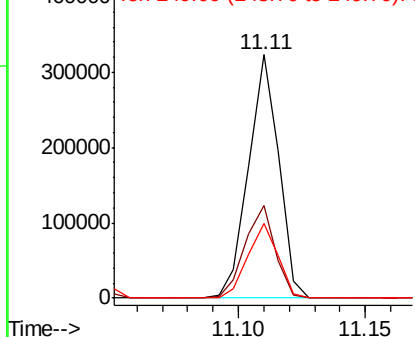


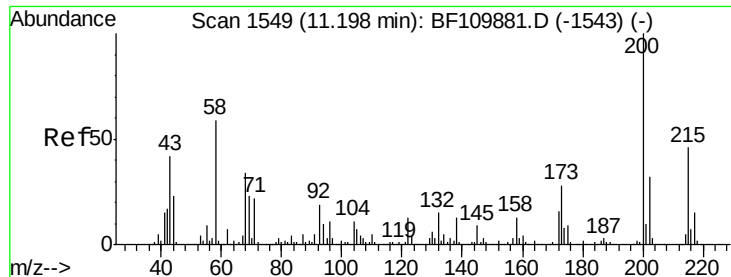
#68
Hexachlorobenzene
Concen: 39.355 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:284 Resp: 268825
Ion Ratio Lower Upper
284 100
142 38.2 23.9 35.9#
249 30.8 24.2 36.2



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

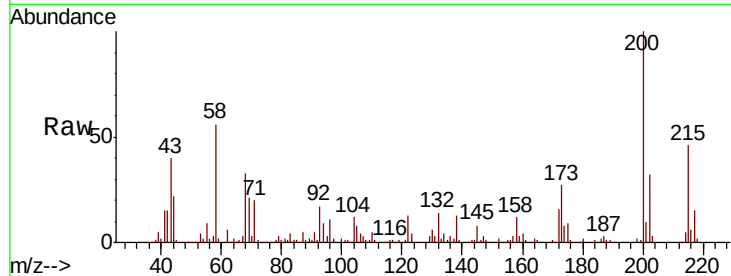




#69
Atrazine
Concen: 40.338 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	45.9	26.3	66.3

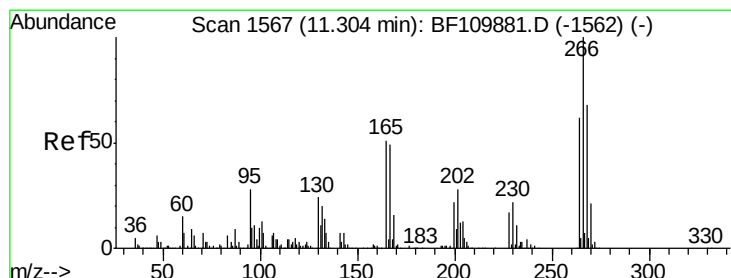
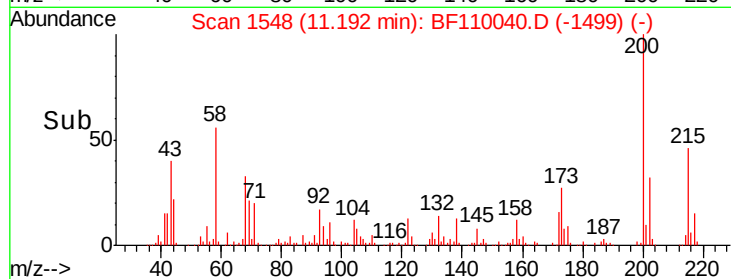
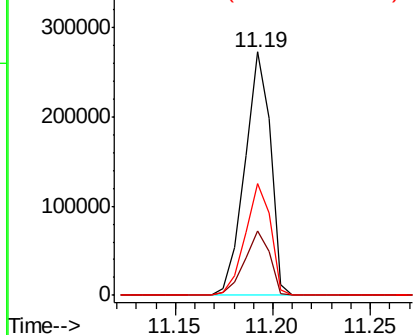


Abundance

Ion 200.00 (199.70 to 200.70): E

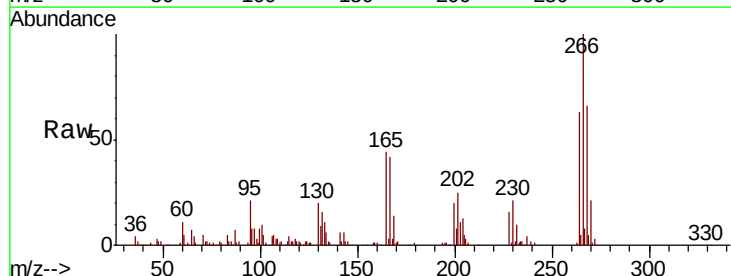
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 36.759 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.6	75.8
264	63.3	50.6	75.8

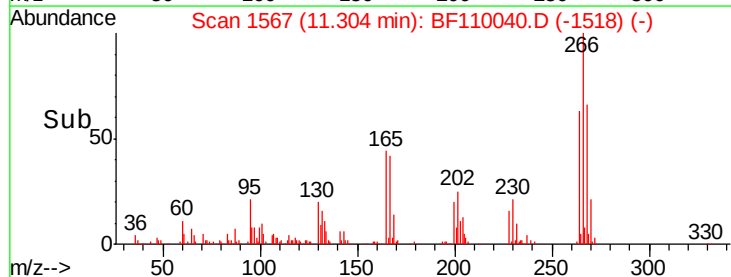
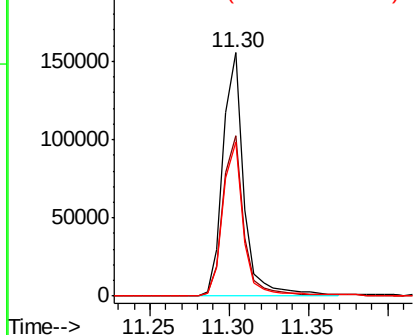


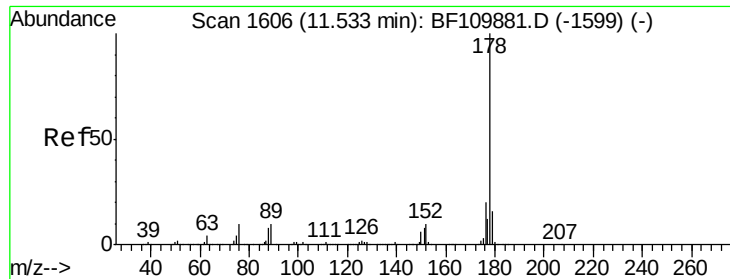
Abundance

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

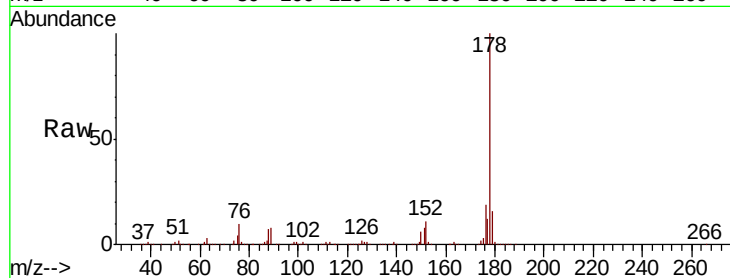




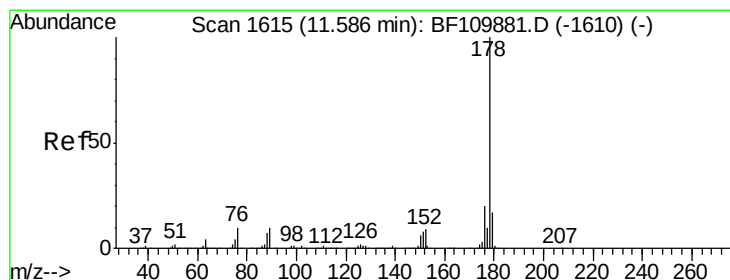
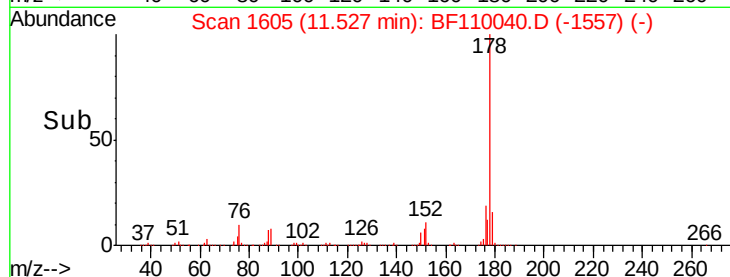
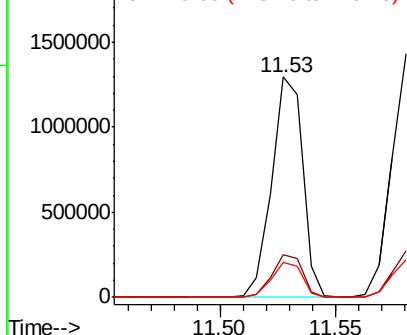
#71
Phenanthrene
Concen: 39.278 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1201899
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7

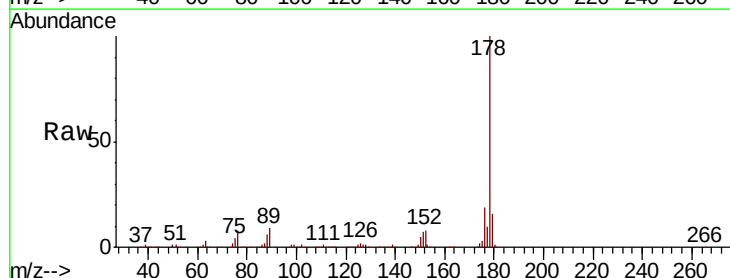


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

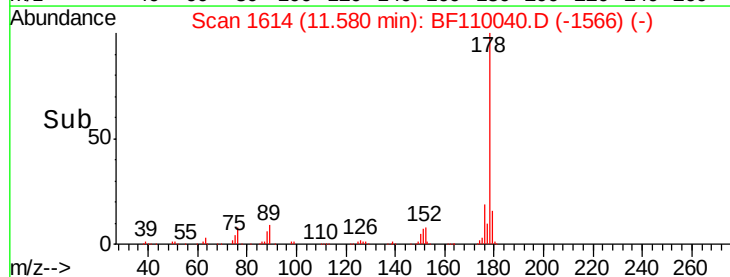
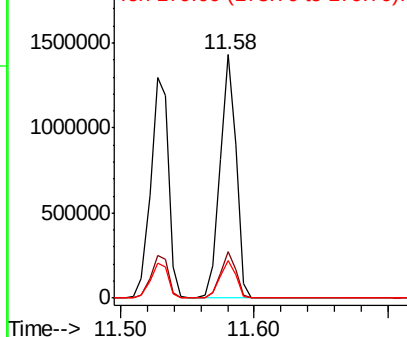


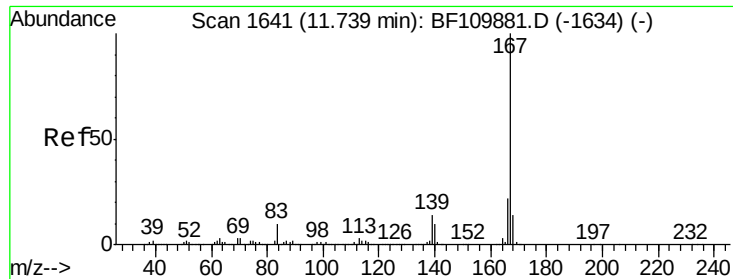
#72
Anthracene
Concen: 39.665 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:178 Resp: 1220242
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 18.8



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



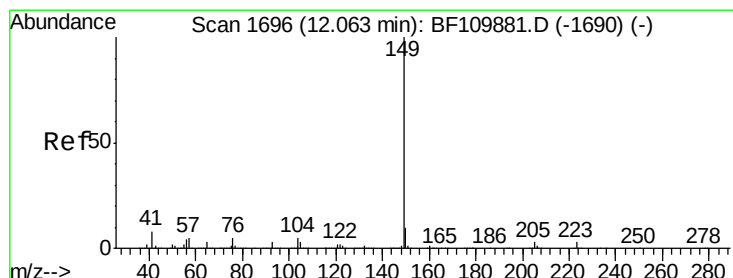
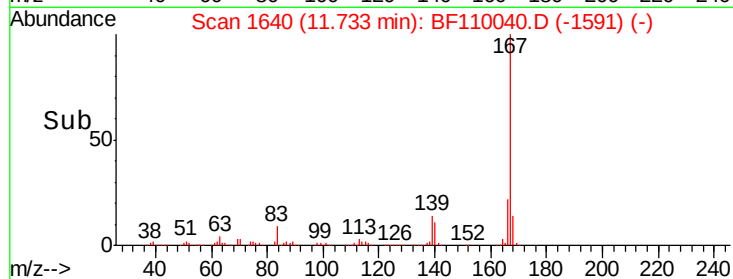
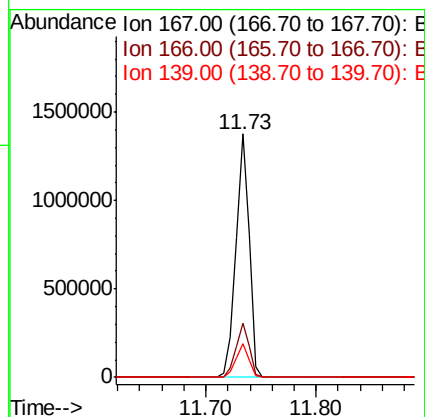
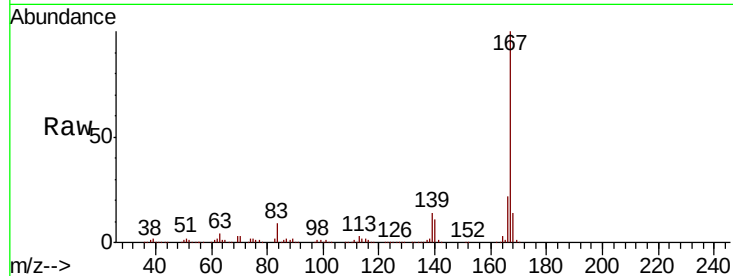


#73
 Carbazole
 Concen: 38.495 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1163863

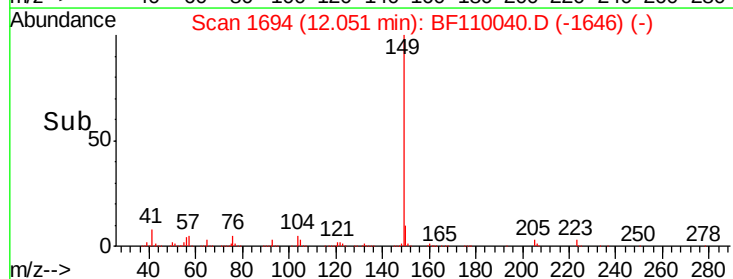
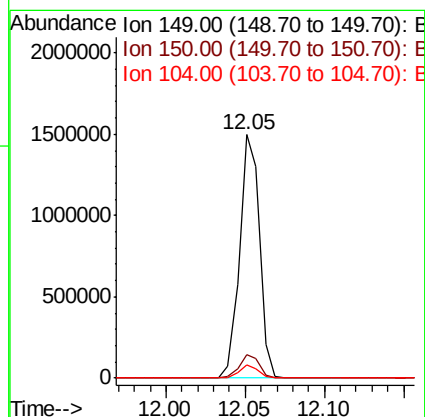
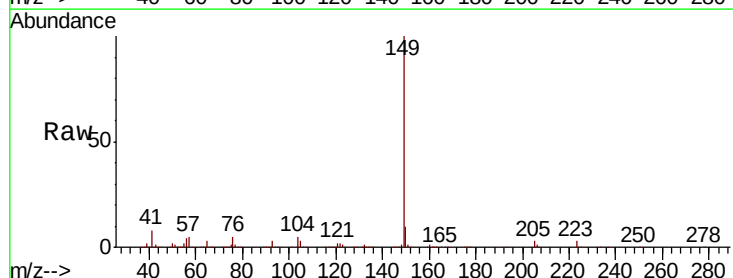
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.7	10.9	16.3

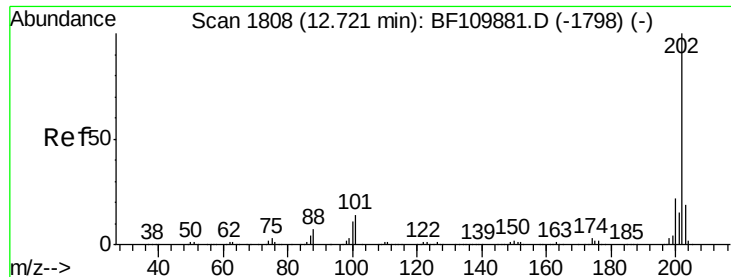


#74
 Di-n-butylphthalate
 Concen: 38.499 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion:149 Resp: 1299028

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.3	4.2	6.4



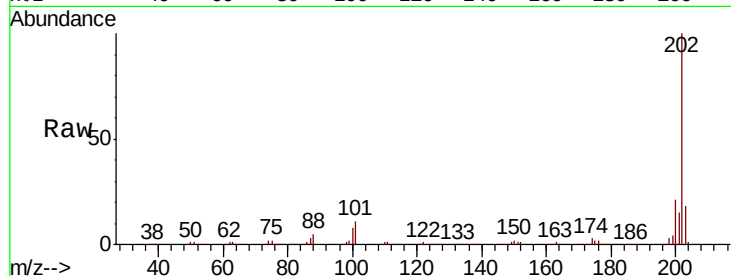


#75
 Fluoranthene
 Concen: 38.703 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

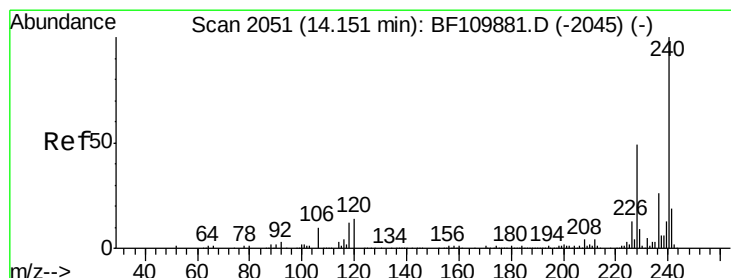
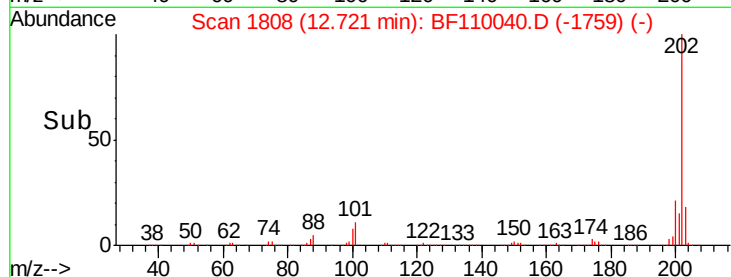
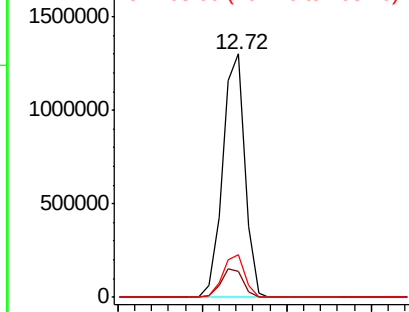
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1183092

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.6	0.0	37.7



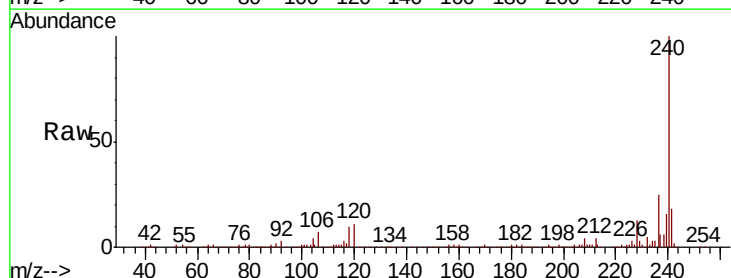
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



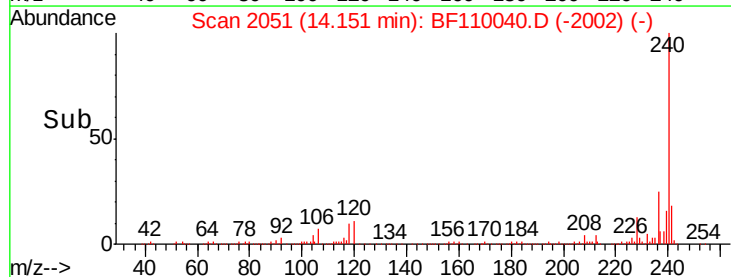
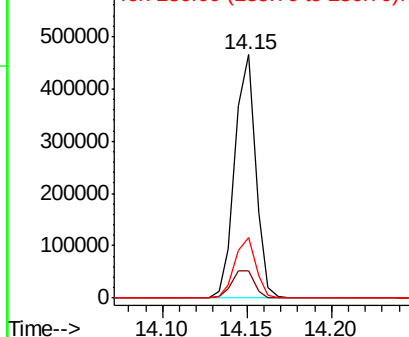
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

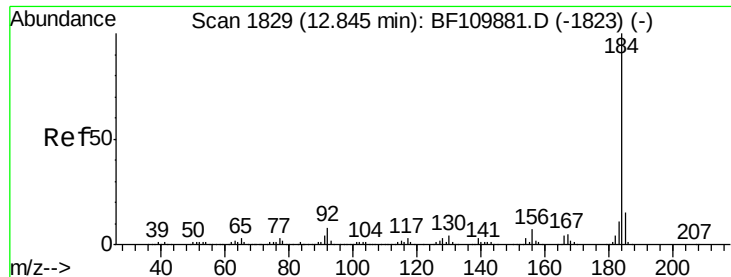
Tgt Ion:240 Resp: 397863

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.8	21.2	31.8



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

Benzidine

Concen: 37.128 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

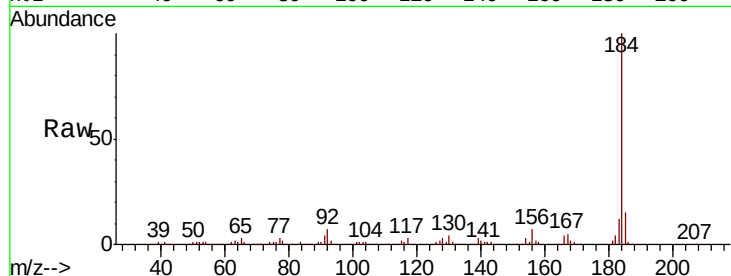
Tot Ion:184 Resp: 566370

Ion Ratio Lower Upper

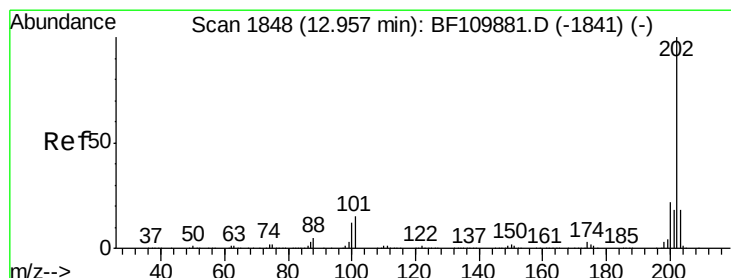
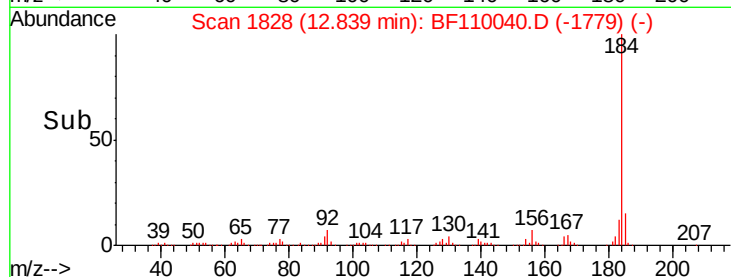
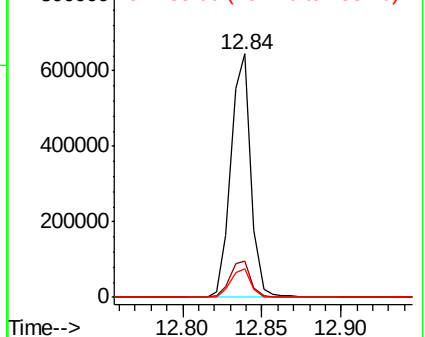
184 100

185 15.1 13.4 20.2

183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.315 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

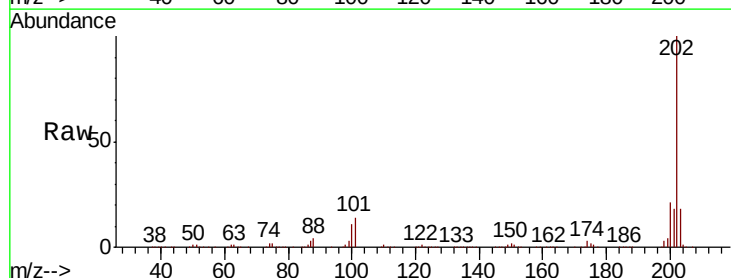
Tgt Ion:202 Resp: 1207303

Ion Ratio Lower Upper

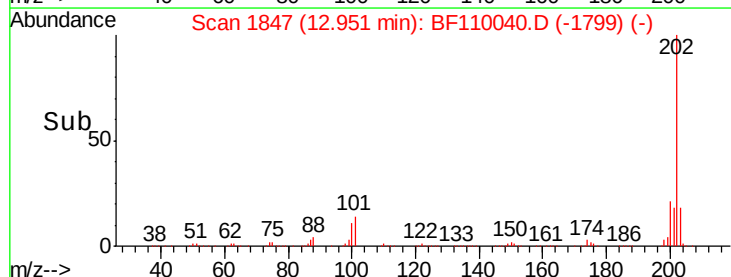
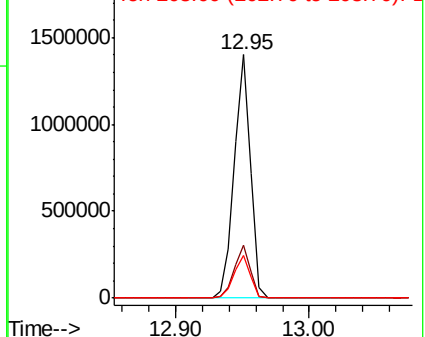
202 100

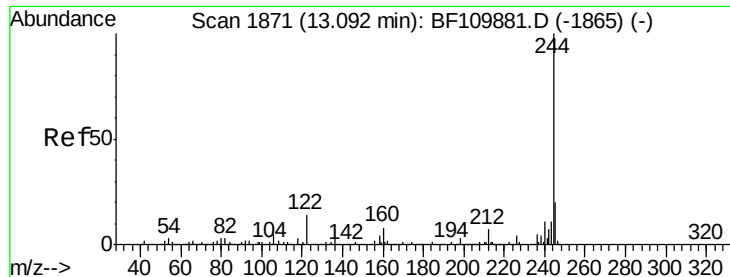
200 21.5 17.8 26.6

203 17.7 14.2 21.4



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



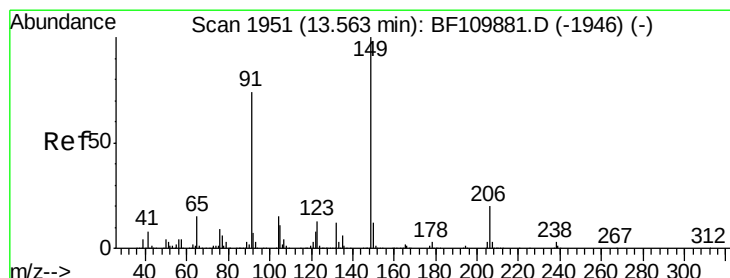
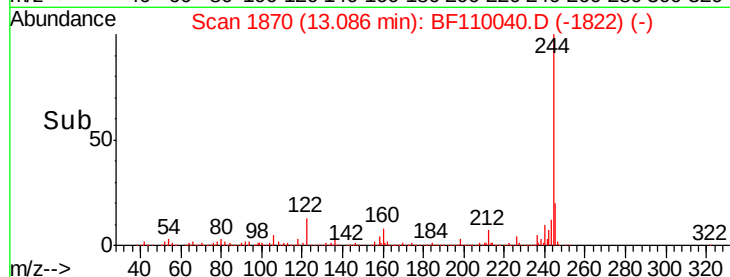
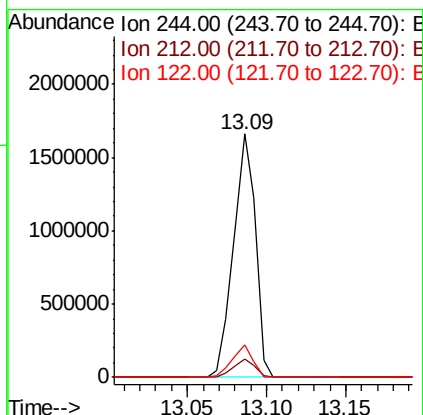
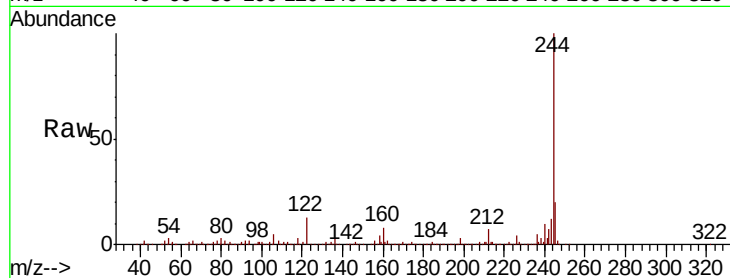


#79
 Terphenyl-d14
 Concen: 84.356 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1598246

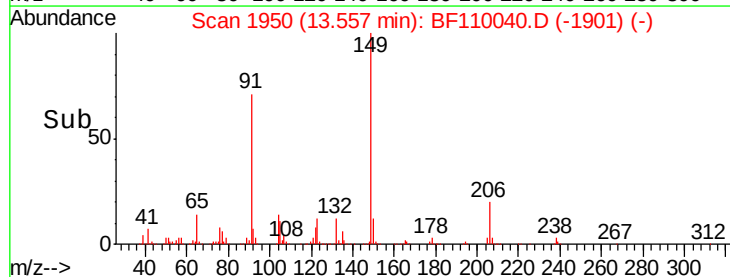
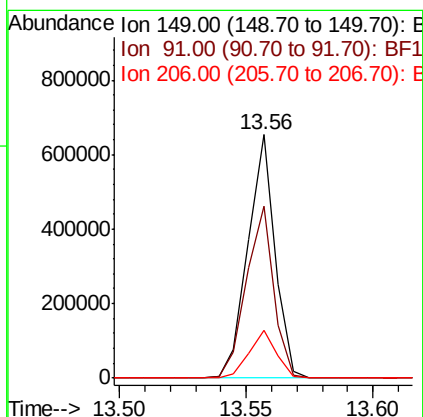
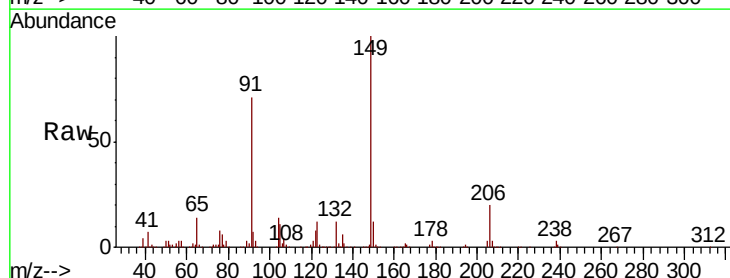
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.1	8.7	13.1#

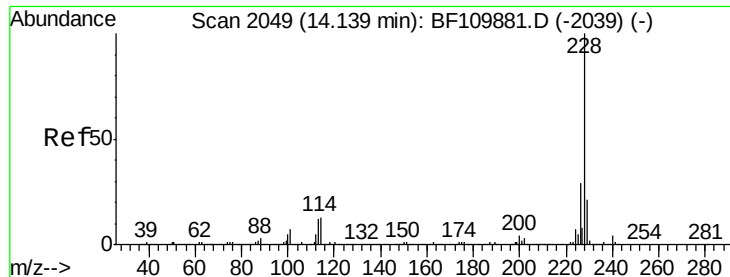


#80
 Butylbenzylphthalate
 Concen: 41.136 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110040.D
 Acq: 22 Oct 2018 10:58

Tgt Ion:149 Resp: 485988

Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.2	85.8
206	19.8	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.481 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

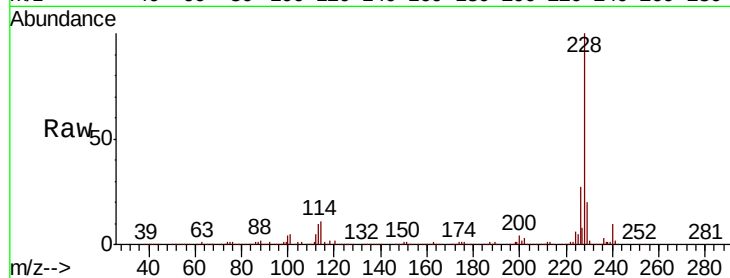
Tot Ion:228 Resp: 925253

Ion Ratio Lower Upper

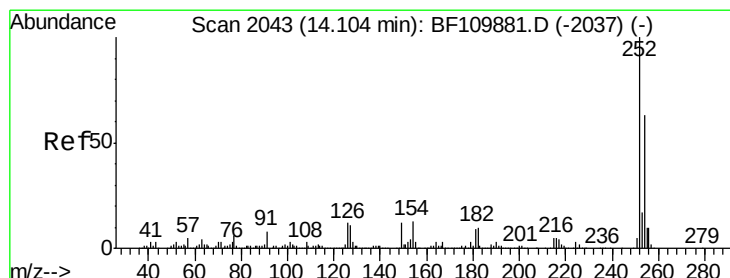
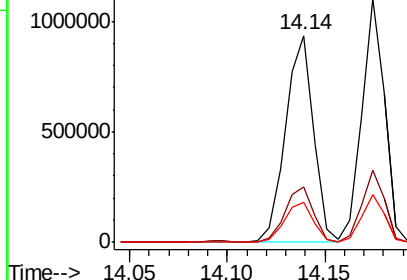
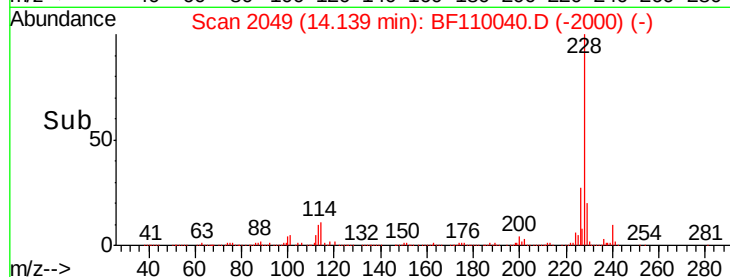
228 100

226 27.1 22.1 33.1

229 19.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.951 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

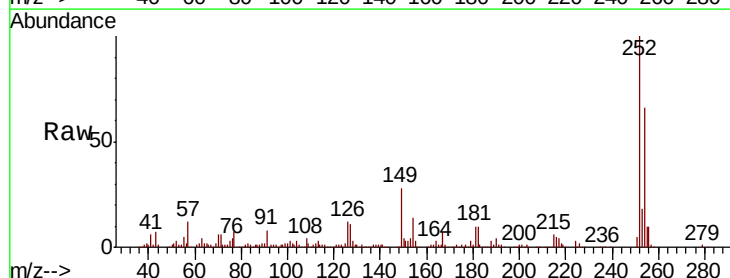
Tgt Ion:252 Resp: 320019

Ion Ratio Lower Upper

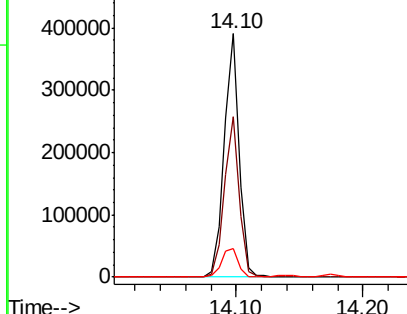
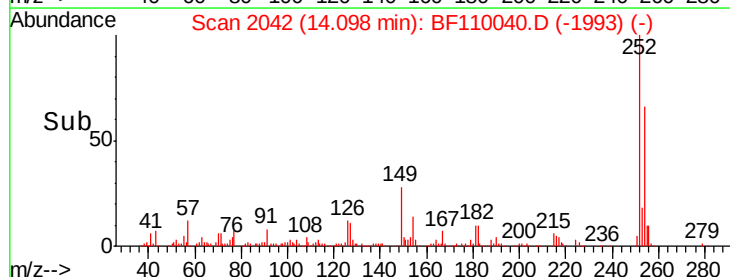
252 100

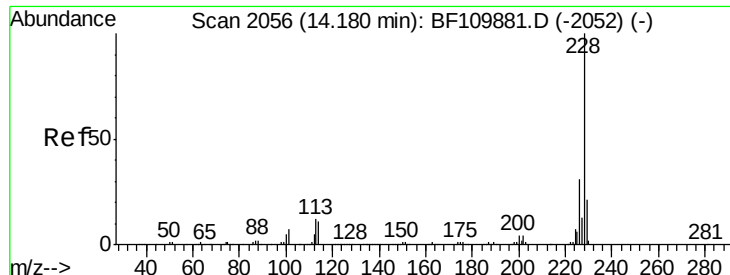
254 66.0 51.3 76.9

126 12.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.747 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampled :

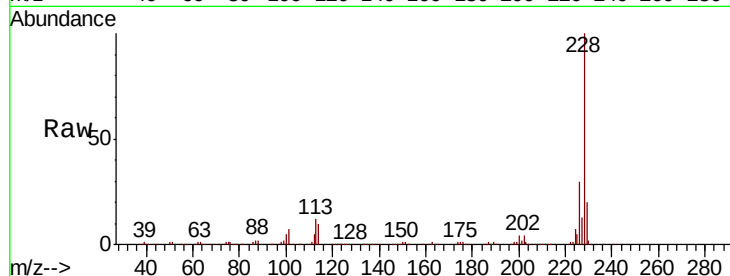
Tot Ion:228 Resp: 886617

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

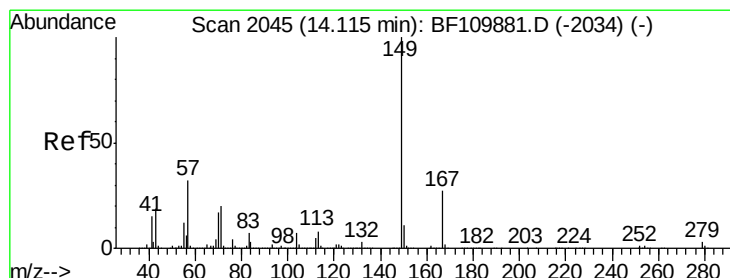
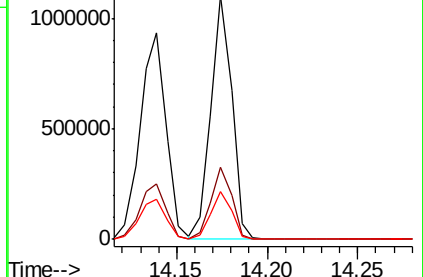
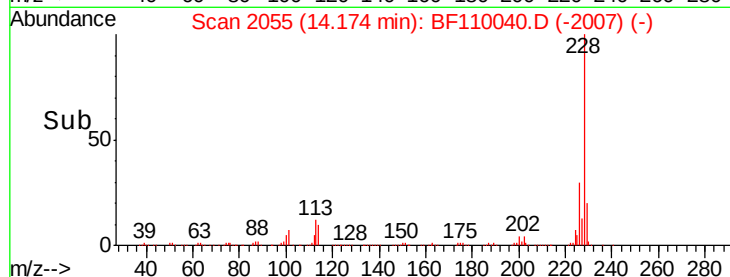
229 19.6 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.305 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

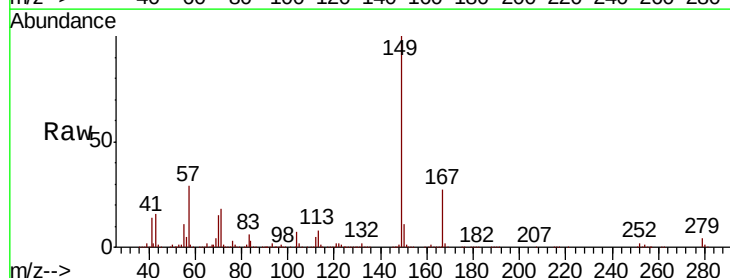
Tgt Ion:149 Resp: 642095

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

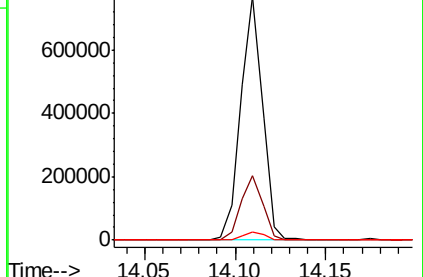
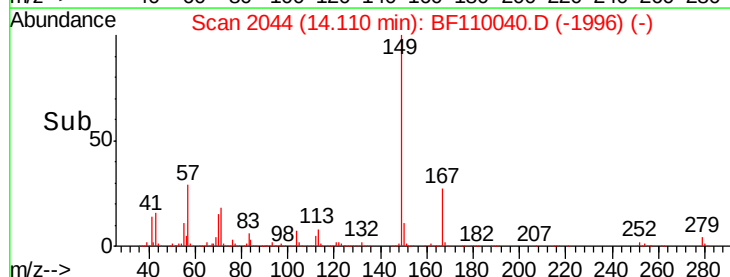
279 3.6 2.7 4.1

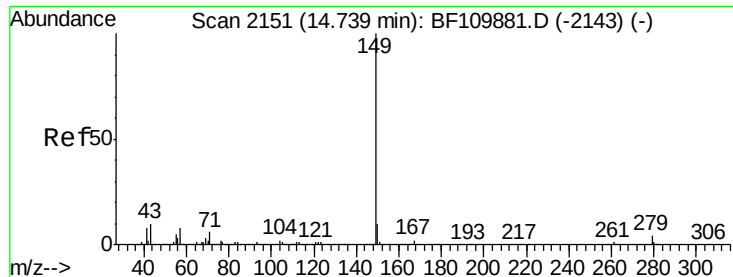


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.533 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

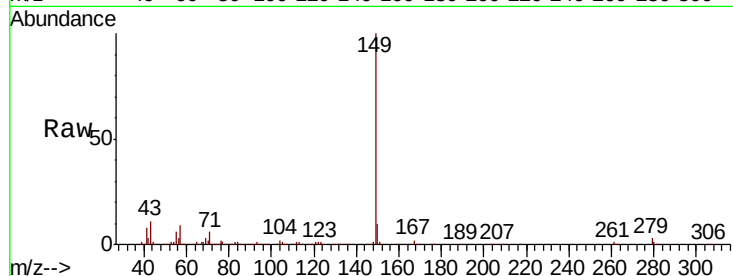
Tot Ion:149 Resp: 976013

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

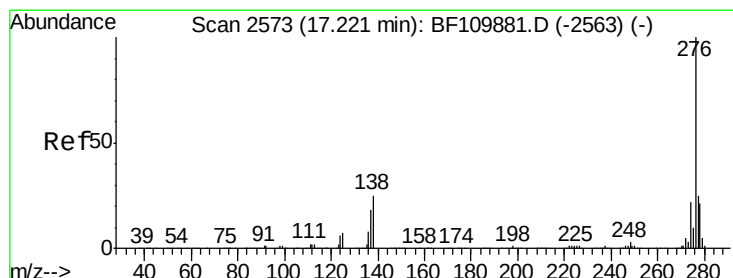
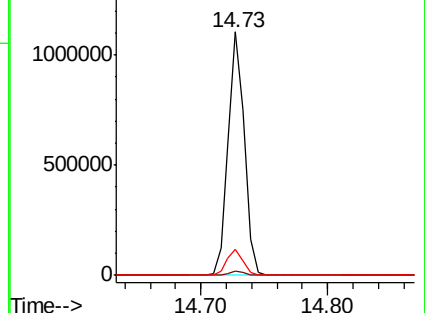
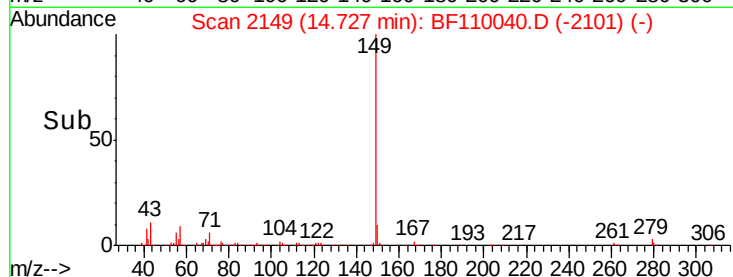
43 10.7 7.8 11.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.695 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.04 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

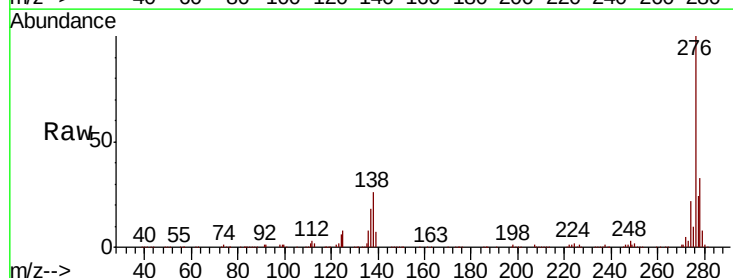
Tgt Ion:276 Resp: 820689

Ion Ratio Lower Upper

276 100

138 28.5 18.5 27.7#

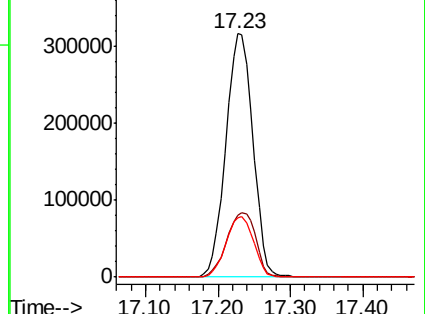
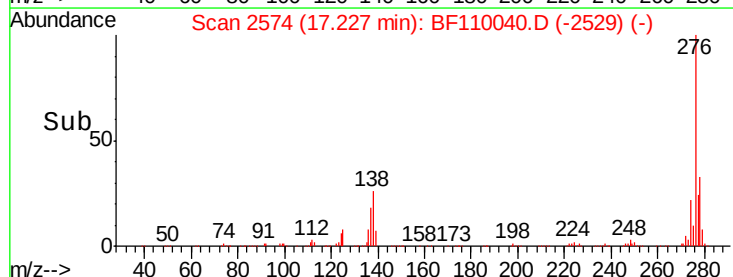
277 25.3 20.0 30.0

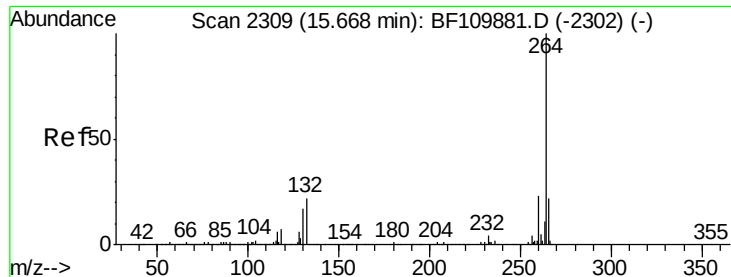


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA_F

ClientSampleId :

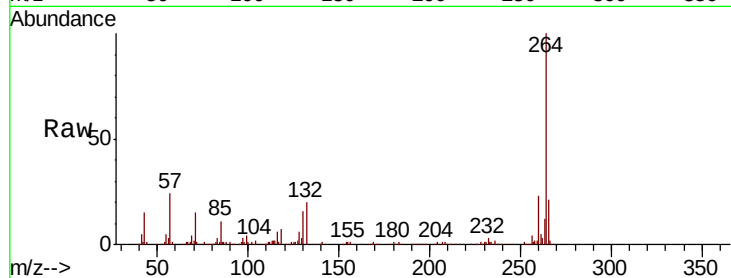
Tot Ion:264 Resp: 331250

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

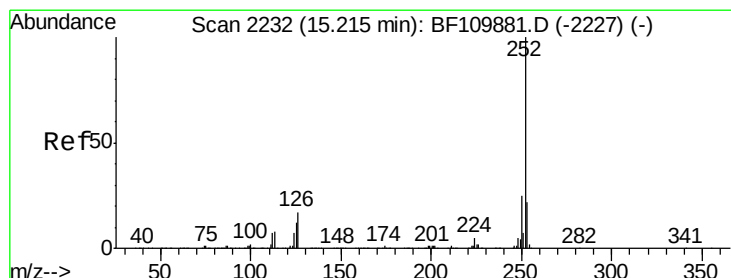
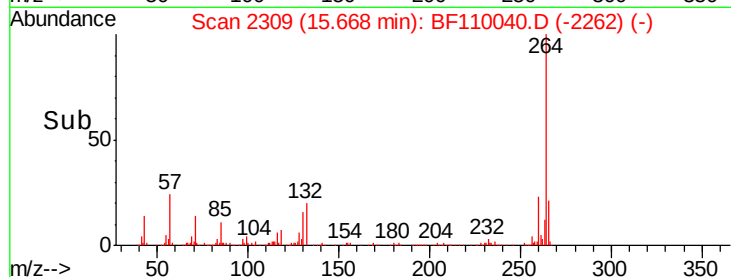
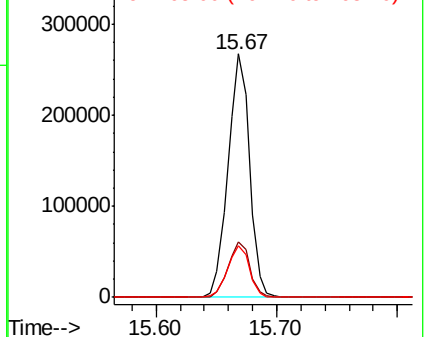
265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.425 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

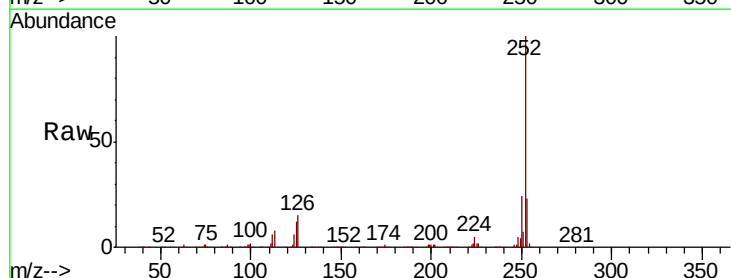
Tgt Ion:252 Resp: 714720

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

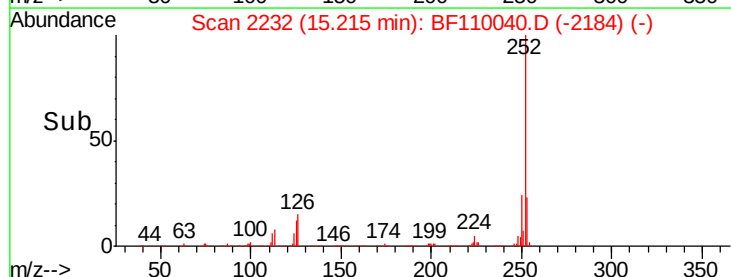
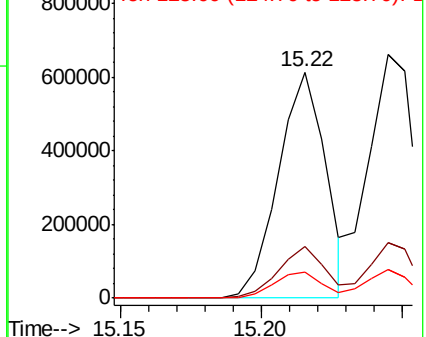
125 11.7 8.2 12.4

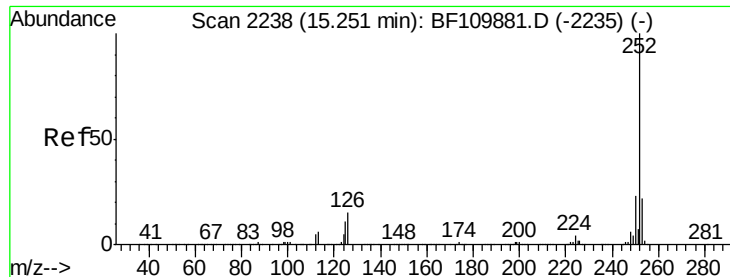


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

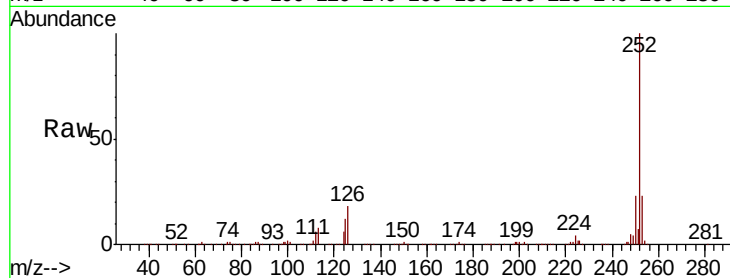




#89
Benzo(k)fluoranthene
Concen: 40.076 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.8	7.4	11.0

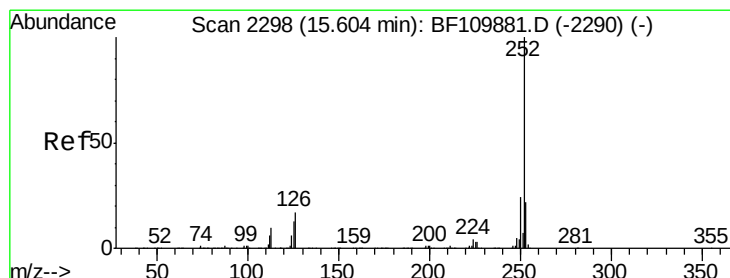
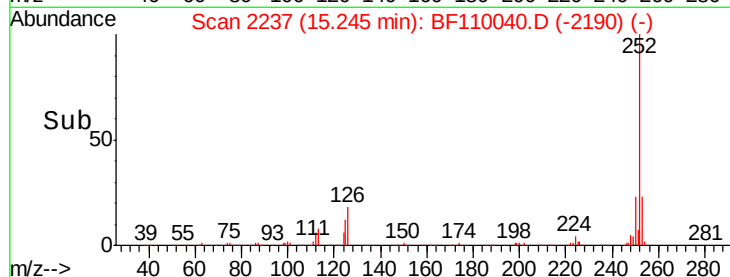
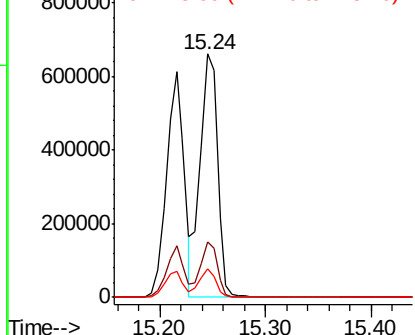


Abundance

Ion 252.00 (251.70 to 252.70): E

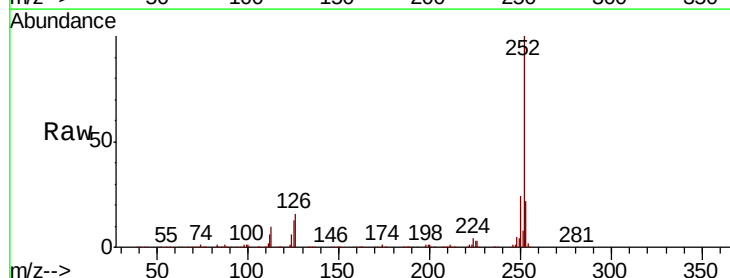
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 39.205 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.1	9.0	13.6

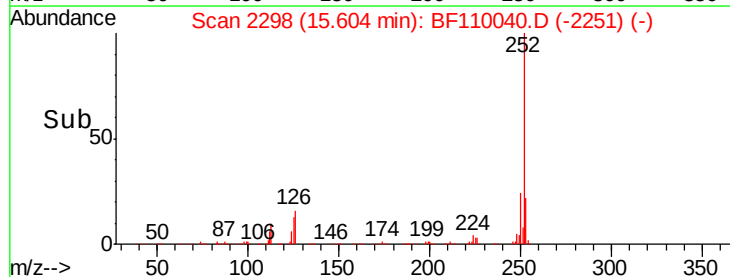
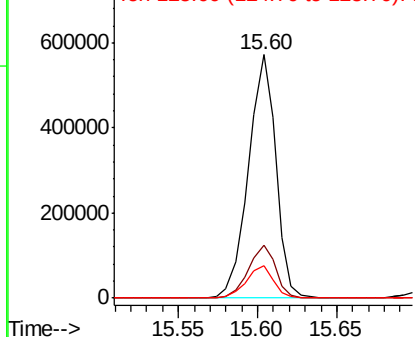


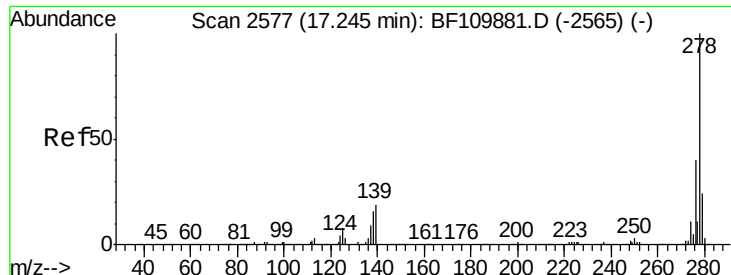
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



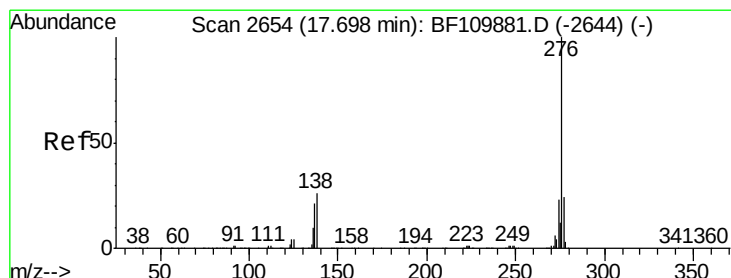
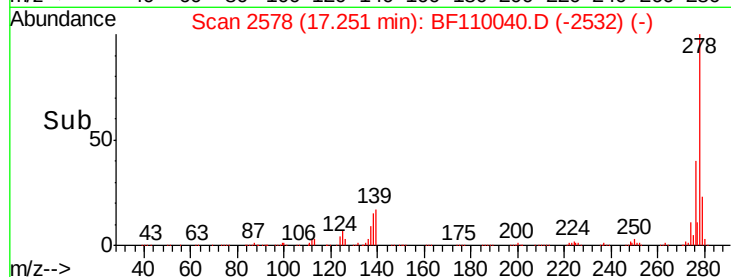
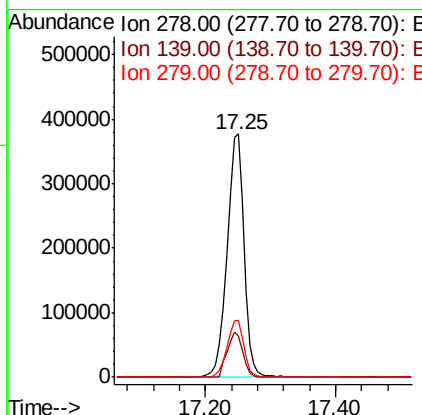
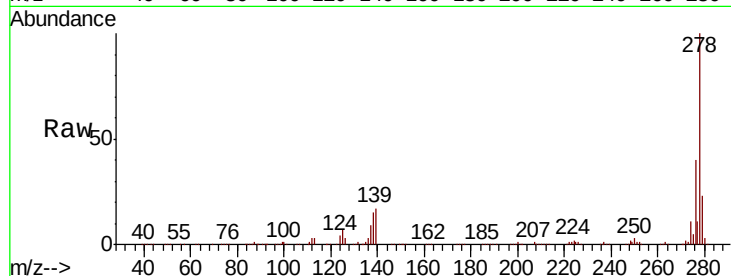


#91
Dibenzo(a,h)anthracene
Concen: 43.793 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 681676

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.2	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 43.332 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110040.D
Acq: 22 Oct 2018 10:58

Tgt Ion:276 Resp: 681489

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	25.7	16.0	24.0

