

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112397.D
 Acq On : 5 Feb 2019 15:54
 Operator : JU/SJ
 Sample : K1050-03MS 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:55:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	183179	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	704813	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	325221	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	533881	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	342836	20.00	ng	-0.01
87) Perylene-d12	15.47	264	322196	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	776794	90.07	ng	-0.01
7) Phenol-d6	6.48	99	961280	80.22	ng	-0.01
23) Nitrobenzene-d5	7.40	82	605356	49.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	262925	69.46	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1187349	51.64	ng	-0.02
79) Terphenyl-d14	12.93	244	897953	49.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	77141	22.454	ng	95
3) Pyridine	3.38	79	209868	24.015	ng	96
4) n-Nitrosodimethylamine	3.30	42	111035	30.242	ng	94
6) Aniline	6.50	93	185268	12.997	ng	# 49
8) 2-Chlorophenol	6.62	128	274629	23.672	ng	97
9) Benzaldehyde	6.38	77	131492	20.993	ng	94
10) Phenol	6.49	94	322068	24.497	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	240278	23.214	ng	98
12) 1,3-Dichlorobenzene	6.77	146	296931	21.977	ng	98
13) 1,4-Dichlorobenzene	6.85	146	301511	21.683	ng	97
14) 1,2-Dichlorobenzene	7.00	146	286440	22.002	ng	98
15) Benzyl Alcohol	6.97	79	223278	22.103	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	304920	22.944	ng	54
17) 2-Methylphenol	7.10	107	205742	22.371	ng	# 93
18) Hexachloroethane	7.34	117	104379	21.376	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	184517	22.330	ng	100
20) 3+4-Methylphenols	7.25	107	273789	23.281	ng	# 66
22) Acetophenone	7.24	105	368714	21.484	ng	# 93
24) Nitrobenzene	7.42	77	269155	22.032	ng	95
25) Isophorone	7.65	82	478325	24.926	ng	99
26) 2-Nitrophenol	7.73	139	148858	22.801	ng	98
27) 2,4-Dimethylphenol	7.77	122	231685	25.757	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	305832	23.406	ng	98
29) 2,4-Dichlorophenol	7.98	162	231712	23.019	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	253487	21.908	ng	100
31) Naphthalene	8.13	128	783095	23.759	ng	99
32) Benzoic acid	7.88	122	47320	9.223	ng	97
33) 4-Chloroaniline	8.19	127	126872	8.840	ng	97
34) Hexachlorobutadiene	8.25	225	144539	21.288	ng	98
35) Caprolactam	8.55	113	67388	18.977	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	222228	20.855	ng	100
37) 2-Methylnaphthalene	8.83	142	551424	24.438	ng	98
38) 1-Methylnaphthalene	8.93	142	517461	23.927	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	247363	23.165	ng	99

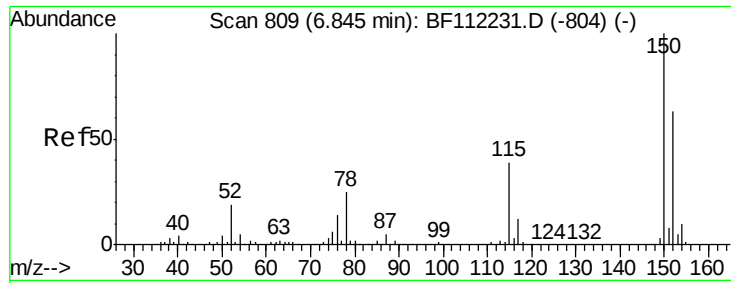
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	52342	20.901	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	156386	23.759	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	158950	23.106	ng	98
46) 1,1'-Biphenyl	9.29	154	656194	23.079	ng	98
47) 2-Chloronaphthalene	9.32	162	489514	22.202	ng	96
48) 2-Nitroaniline	9.42	65	131129	21.821	ng	93
49) Acenaphthylene	9.73	152	768723	23.788	ng	99
50) Dimethylphthalate	9.59	163	699644	27.689	ng	99
51) 2,6-Dinitrotoluene	9.66	165	126236	22.307	ng	99
52) Acenaphthene	9.90	154	444014	23.000	ng	99
53) 3-Nitroaniline	9.83	138	83236	13.576	ng	# 96
54) 2,4-Dinitrophenol	9.95	184	29336	16.153	ng	96
55) Dibenzofuran	10.07	168	664315	22.519	ng	98
56) 4-Nitrophenol	10.01	139	124092	38.284	ng	94
57) 2,4-Dinitrotoluene	10.06	165	159483	22.137	ng	# 90
58) Fluorene	10.42	166	530556	24.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	122288	23.523	ng	97
60) Diethylphthalate	10.29	149	580705	23.158	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	255322	21.261	ng	93
62) 4-Nitroaniline	10.44	138	105220	17.497	ng	96
63) Azobenzene	10.57	77	463533	21.019	ng	94
65) 4,6-Dinitro-2-methylphenol	10.48	198	34020	11.365	ng	95
66) n-Nitrosodiphenylamine	10.53	169	450184	25.020	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	149260	23.770	ng	95
68) Hexachlorobenzene	10.97	284	151148	22.436	ng	94
69) Atrazine	11.05	200	137956	23.761	ng	96
70) Pentachlorophenol	11.17	266	101961	38.896	ng	96
71) Phenanthrene	11.38	178	752179	27.100	ng	97
72) Anthracene	11.43	178	694782	25.129	ng	99
73) Carbazole	11.59	167	559903	20.530	ng	99
74) Di-n-butylphthalate	11.91	149	822192	24.288	ng	98
75) Fluoranthene	12.57	202	671720	22.564	ng	98
77) Benzidine	12.69	184	102855	10.900	ng	96
78) Pyrene	12.80	202	663280	27.944	ng	99
80) Butylbenzylphthalate	13.40	149	255440	22.243	ng	93
81) Benzo(a)anthracene	13.99	228	508708	25.241	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	104667	13.877	ng	98
83) Chrysene	14.03	228	488658	25.401	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	366441	22.479	ng	98
85) Di-n-octyl phthalate	14.57	149	583159	23.252	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	410133	26.905	ng	97
88) Benzo(b)fluoranthene	15.04	252	524111	27.200	ng	99
89) Benzo(k)fluoranthene	15.07	252	414029	22.432	ng	98
90) Benzo(a)pyrene	15.41	252	450021	25.956	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	332558	23.799	ng	99
92) Benzo(g,h,i)perylene	17.39	276	327553	24.846	ng	98

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

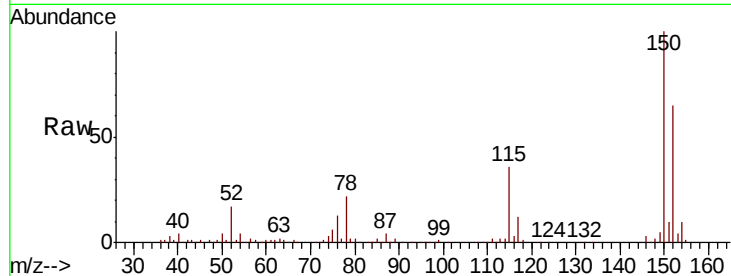


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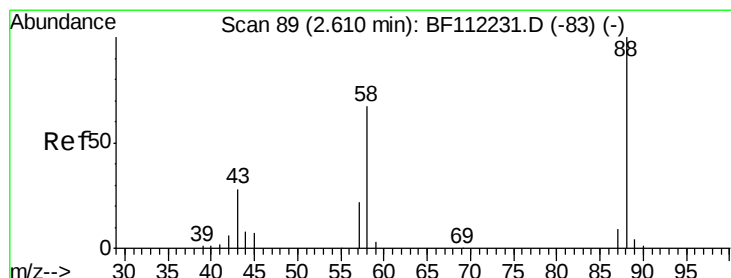
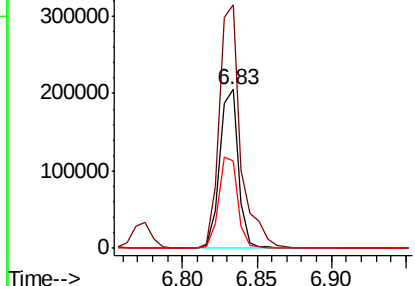
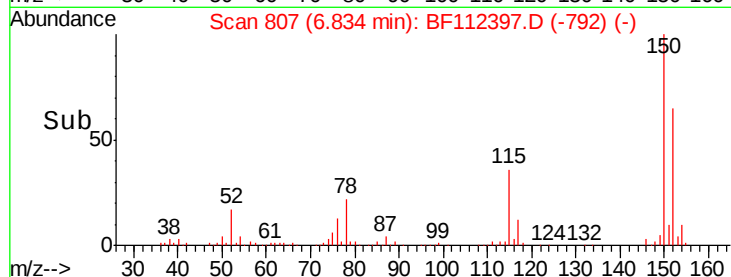
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183179
Ion Ratio Lower Upper
152 100
150 153.3 127.4 191.0
115 54.9 45.5 68.3



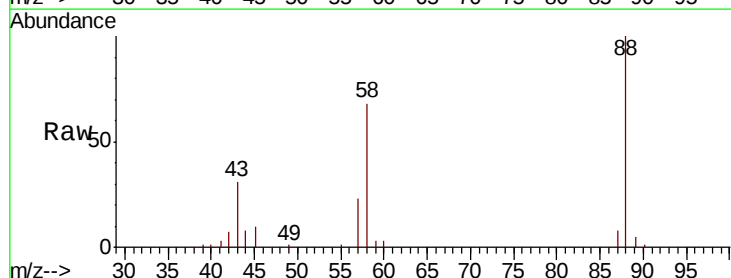
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



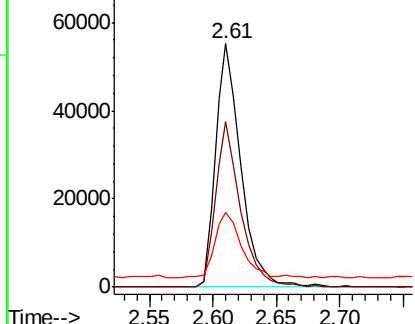
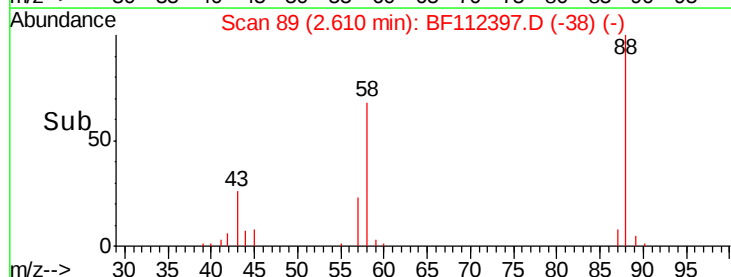
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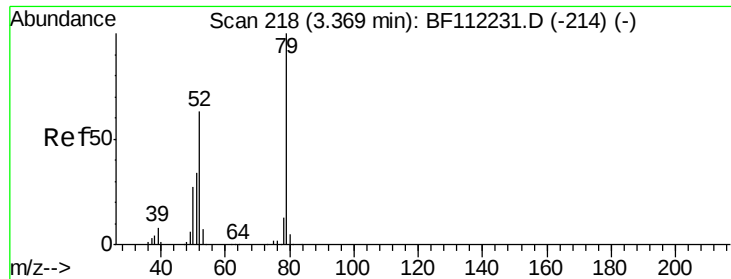
1,4-Dioxane
Concen: 22.454 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion: 88 Resp: 77141
Ion Ratio Lower Upper
88 100
58 66.6 57.4 86.2
43 28.1 22.2 33.4



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

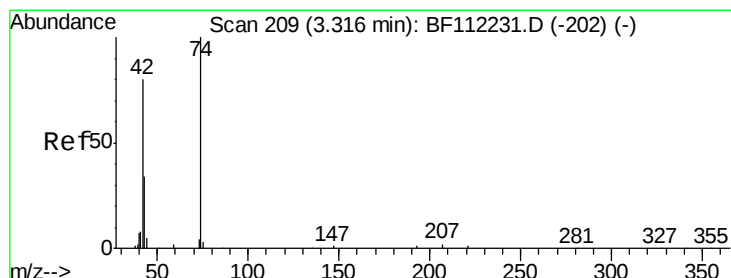
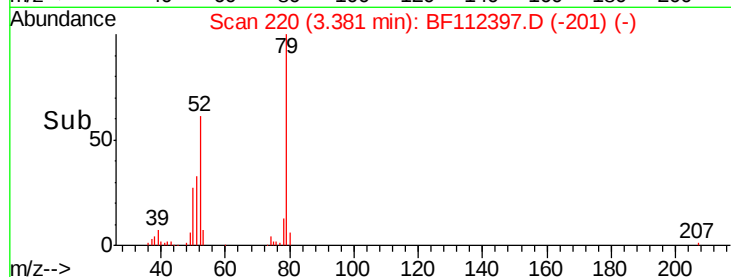
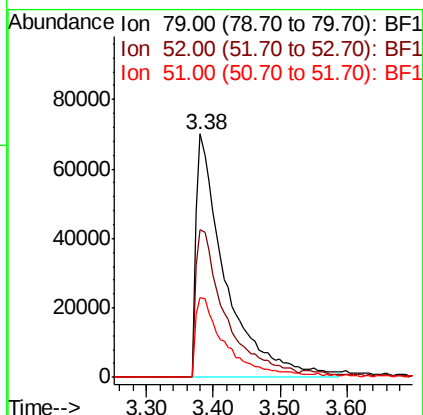
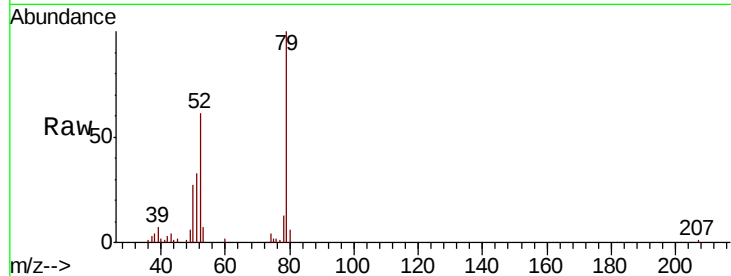




#3
 Pvridine
 Concen: 24.015 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

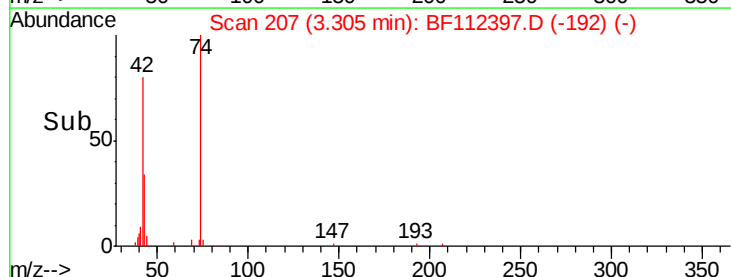
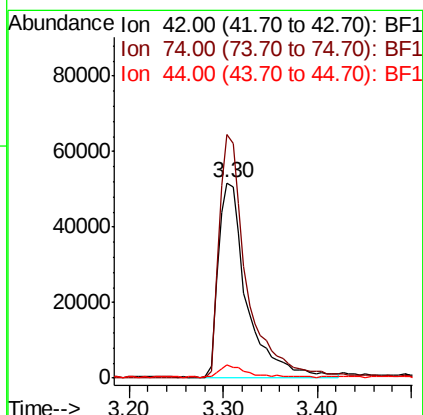
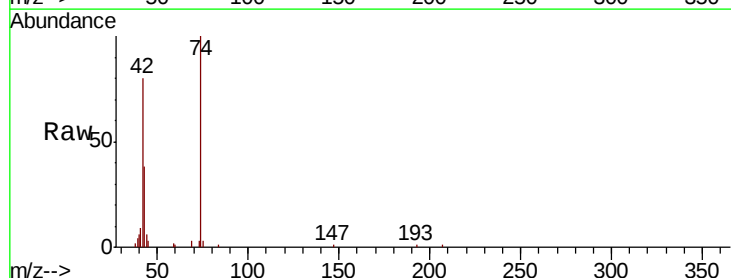
Instrument :
 BNA_F
 ClientSampleId :

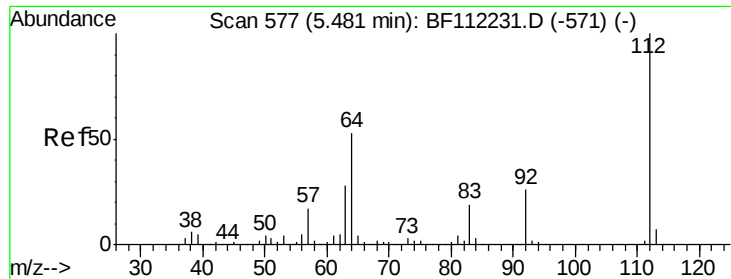
Tot Ion: 79 Resp: 209868
 Ion Ratio Lower Upper
 79 100
 52 60.8 52.4 78.6
 51 32.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 30.242 ng
 RT: 3.30 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion: 42 Resp: 111035
 Ion Ratio Lower Upper
 42 100
 74 124.8 105.6 158.4
 44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 90.074 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampled :

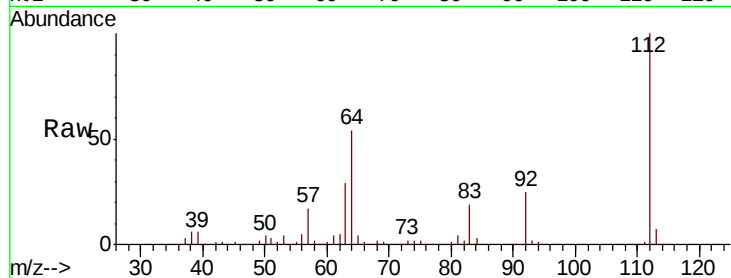
Tot Ion:112 Resp: 776794

Ion Ratio Lower Upper

112 100

64 53.5 45.7 68.5

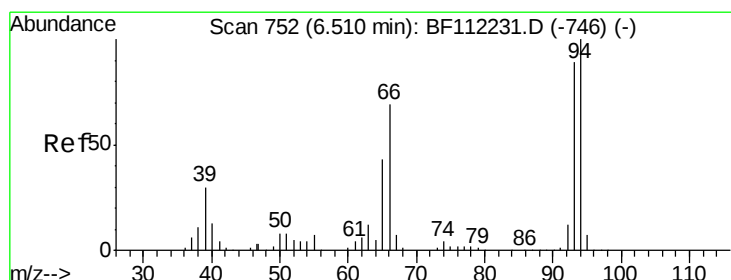
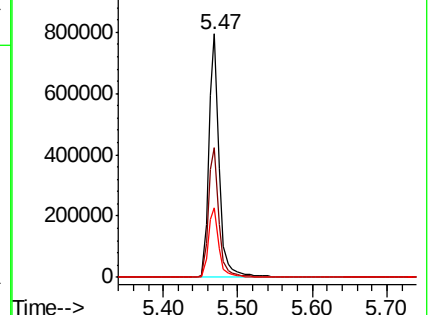
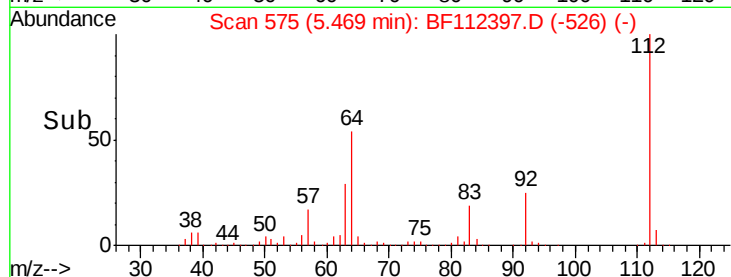
63 28.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.997 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

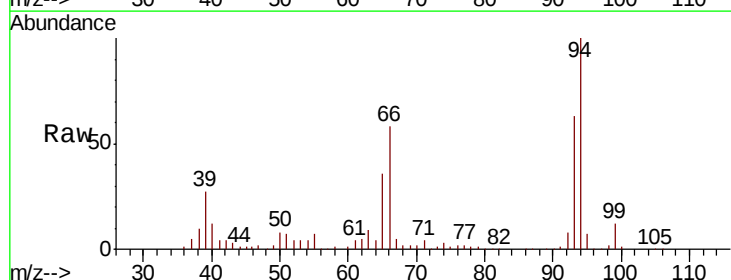
Tgt Ion: 93 Resp: 185268

Ion Ratio Lower Upper

93 100

66 92.6 43.4 65.2#

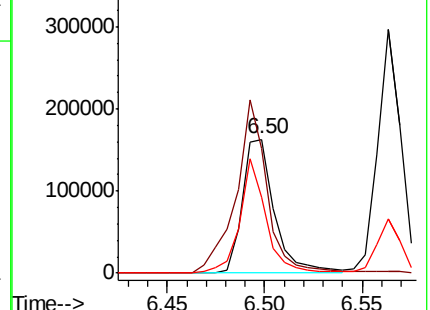
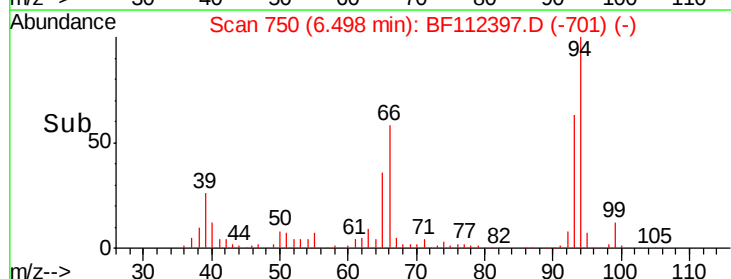
65 57.0 25.3 37.9#

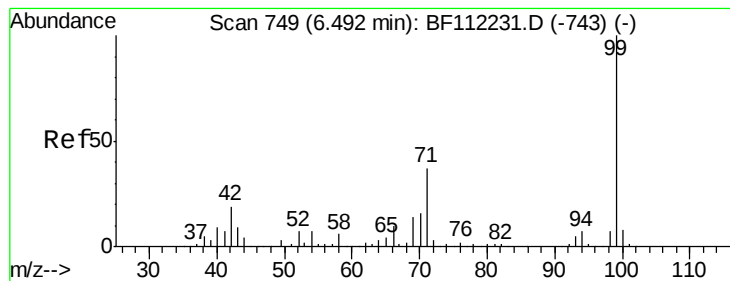


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.217 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

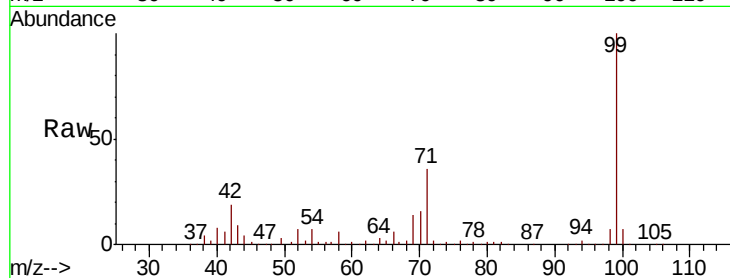
Tot Ion: 99 Resp: 961280

Ion Ratio Lower Upper

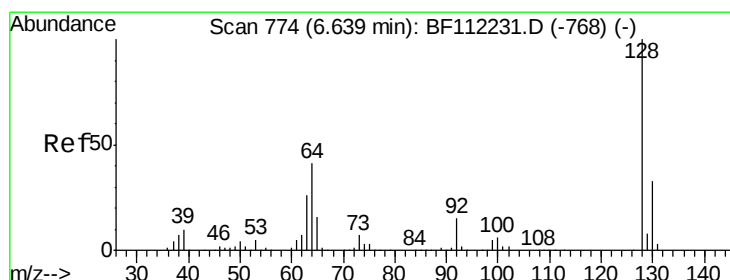
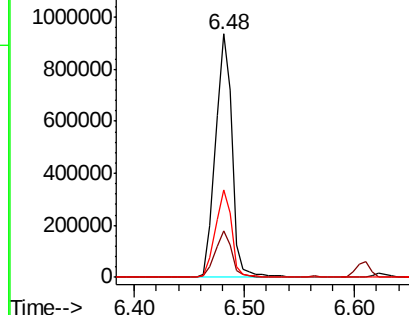
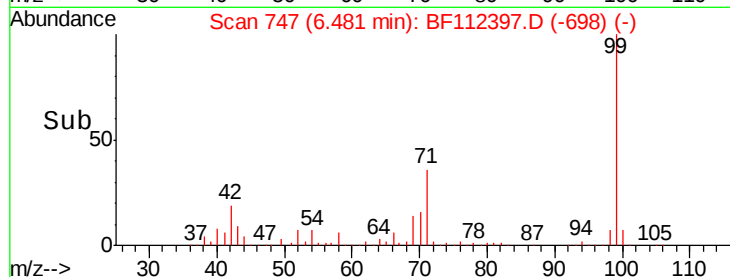
99 100

42 18.9 15.1 22.7

71 36.1 26.9 40.3



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: 23.672 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

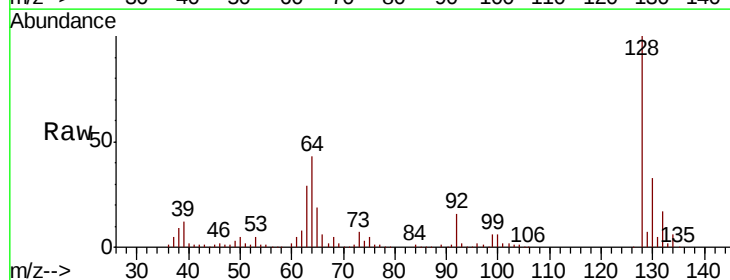
Tgt Ion: 128 Resp: 274629

Ion Ratio Lower Upper

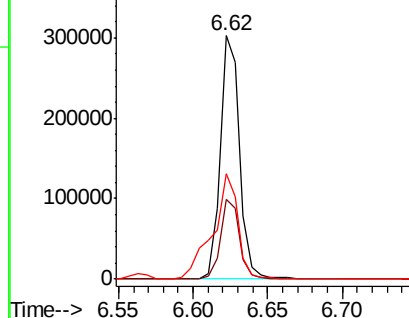
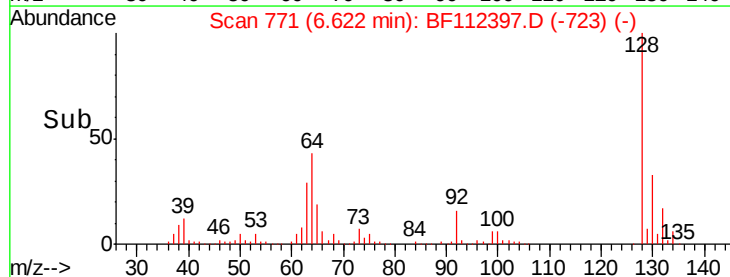
128 100

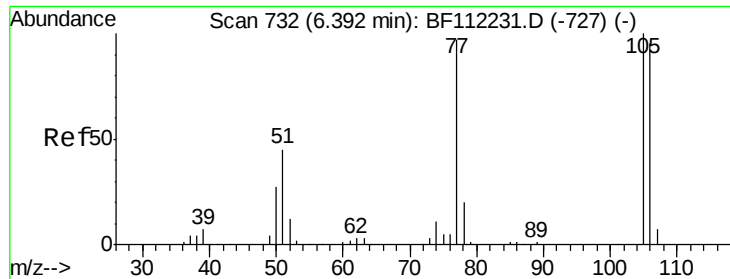
130 33.0 13.4 53.4

64 43.3 20.5 60.5



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: 20.993 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

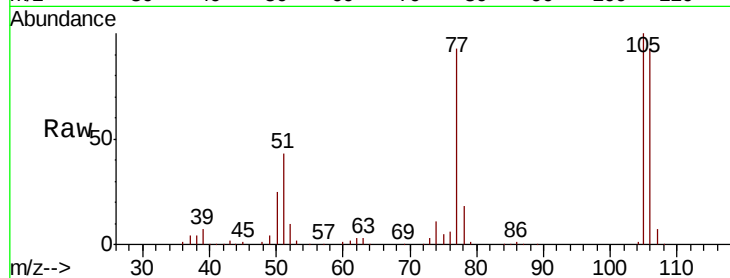
Tot Ion: 77 Resp: 131492

Ion Ratio Lower Upper

77 100

105 107.7 80.8 120.8

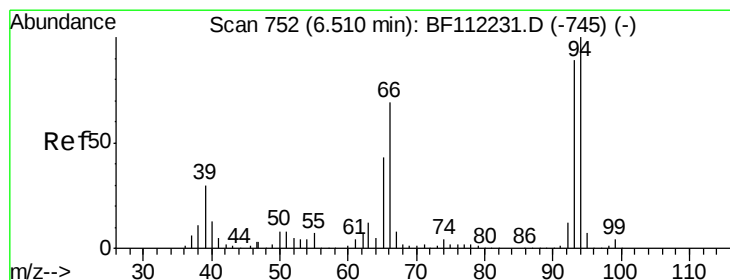
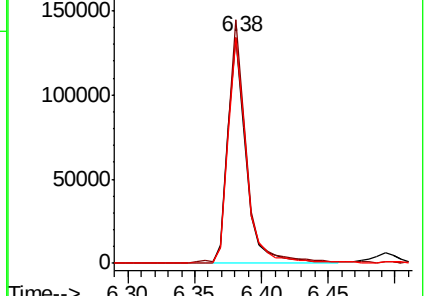
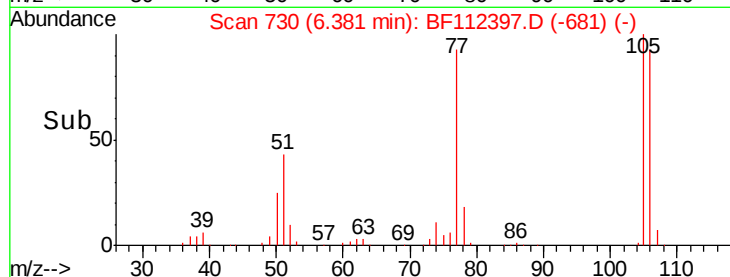
106 99.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 24.497 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

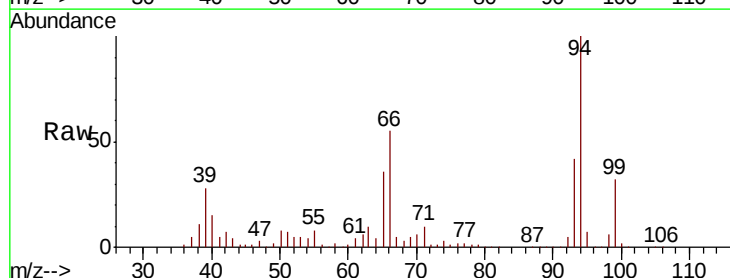
Tgt Ion: 94 Resp: 322068

Ion Ratio Lower Upper

94 100

65 36.4 20.3 60.3

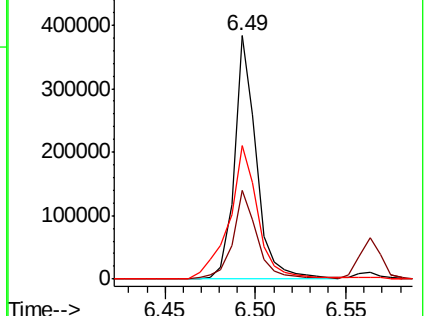
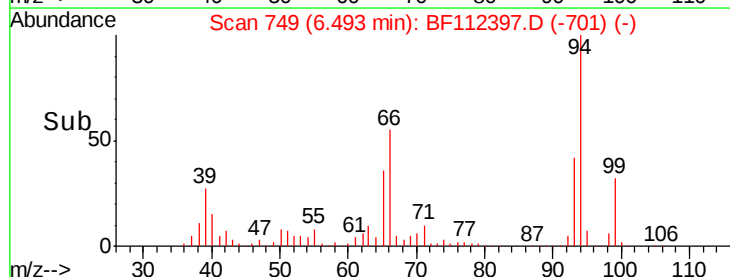
66 55.1 42.4 82.4

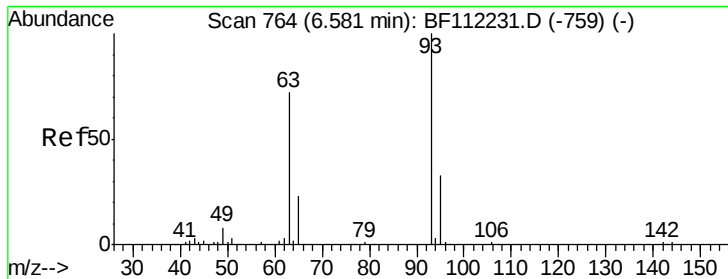


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

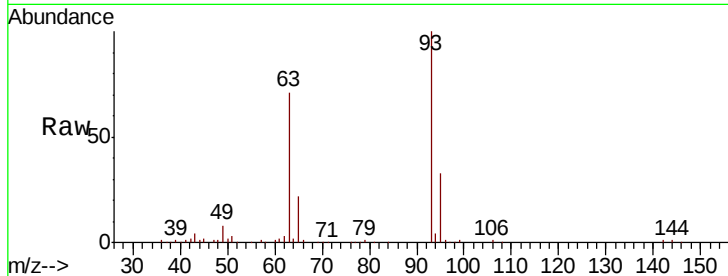




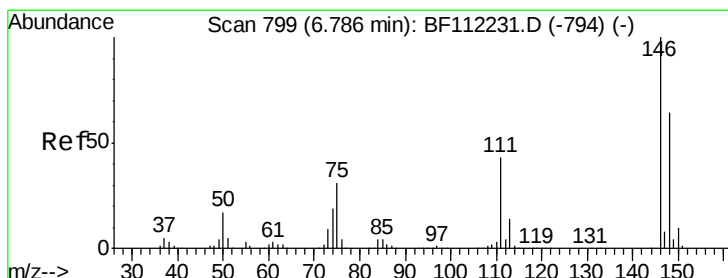
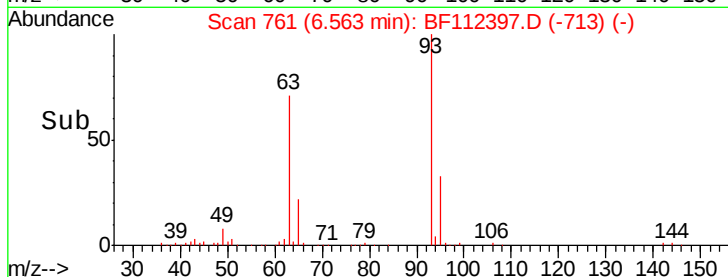
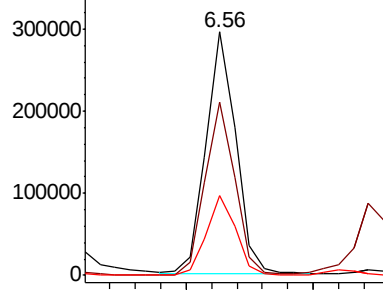
#11
 bis(2-Chloroethyl)ether
 Concen: 23.214 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	53.3	93.3
95	32.6	13.4	53.4

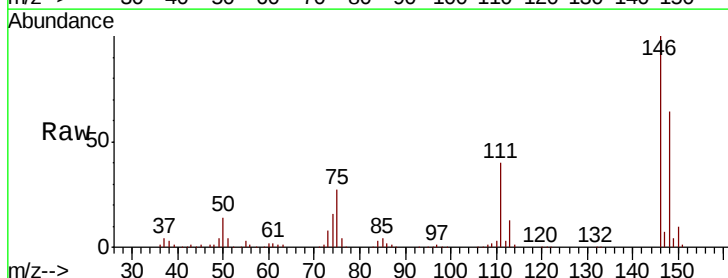


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

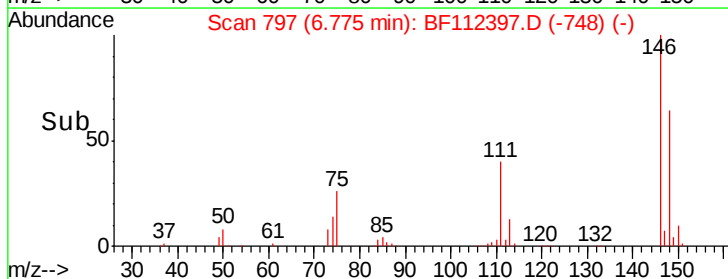
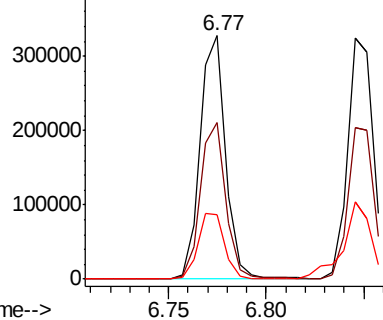


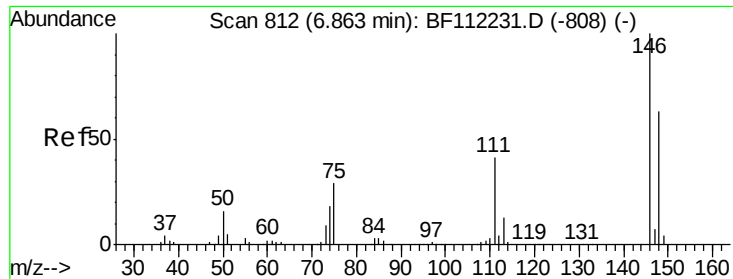
#12
 1,3-Dichlorobenzene
 Concen: 21.977 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	26.7	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

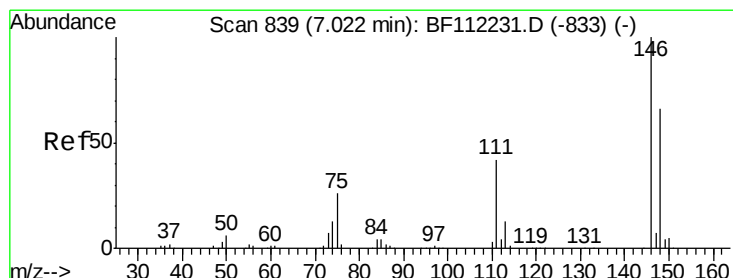
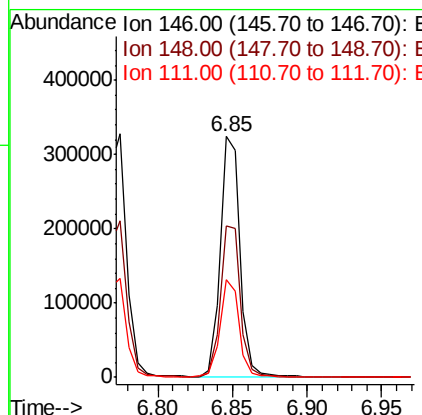
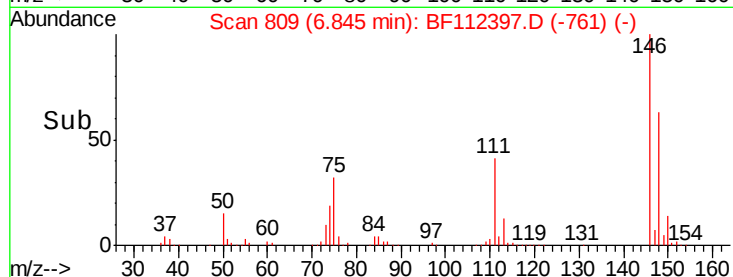
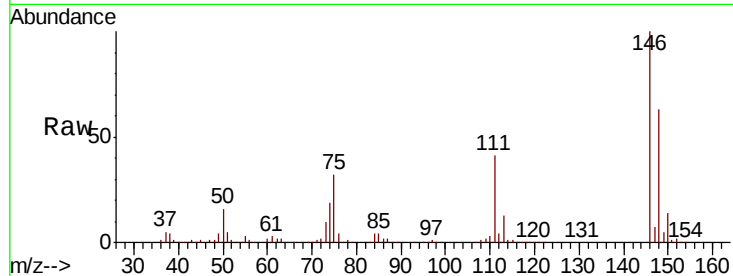




#13
 1,4-Dichlorobenzene
 Concen: 21.683 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

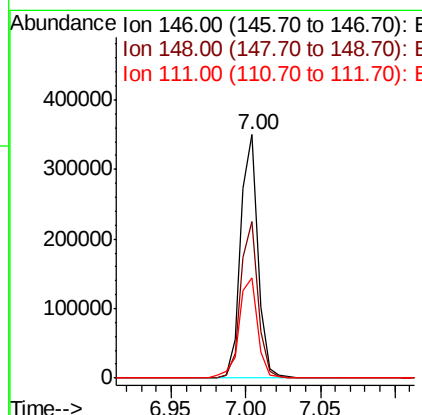
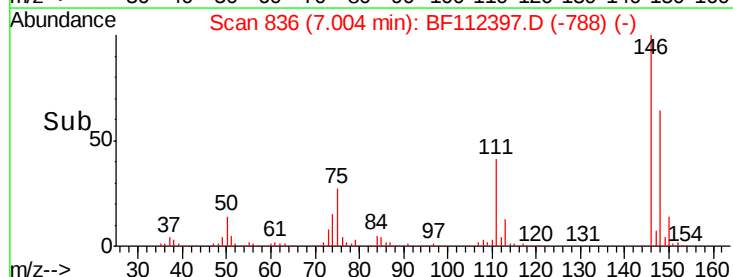
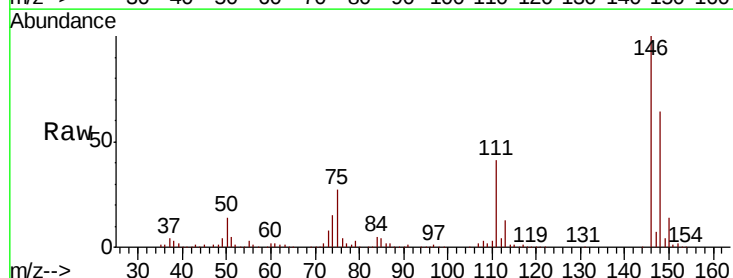
Instrument :
 BNA_F
 ClientSampleId :

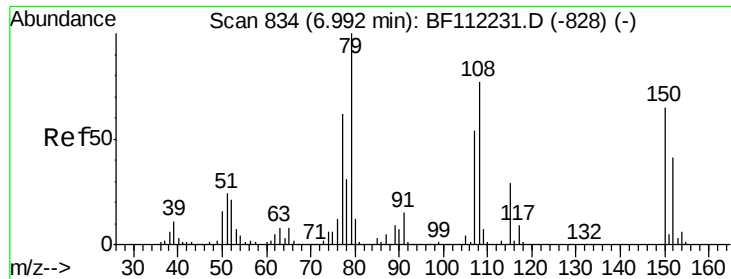
Tot Ion:146 Resp: 301511
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 40.8 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 22.002 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion:146 Resp: 286440
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 41.4 31.2 46.8





#15

Benzyl Alcohol

Concen: 22.103 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

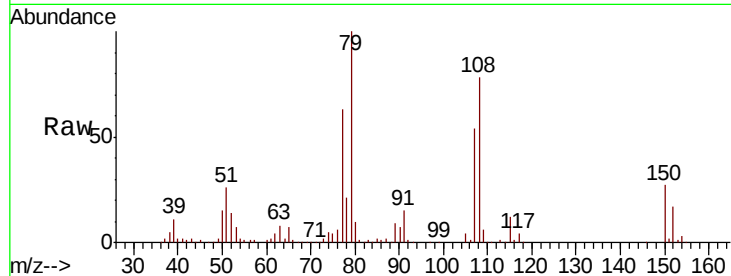
Tot Ion: 79 Resp: 223278

Ion Ratio Lower Upper

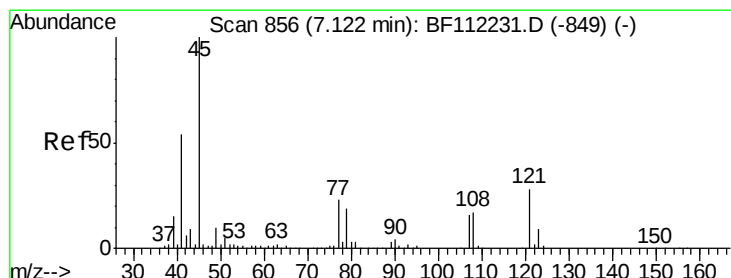
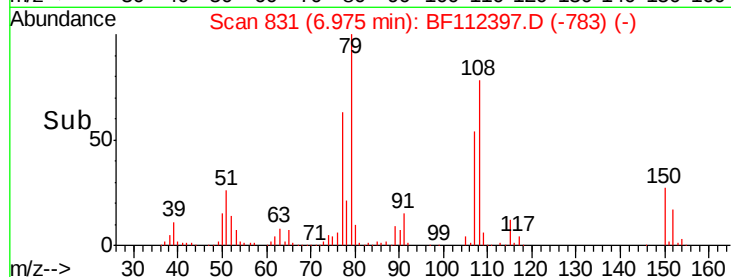
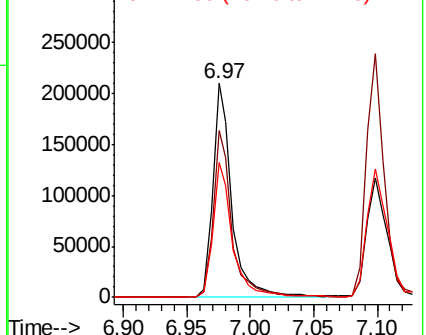
79 100

108 77.9 64.2 96.2

77 63.0 50.3 75.5



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: 22.944 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

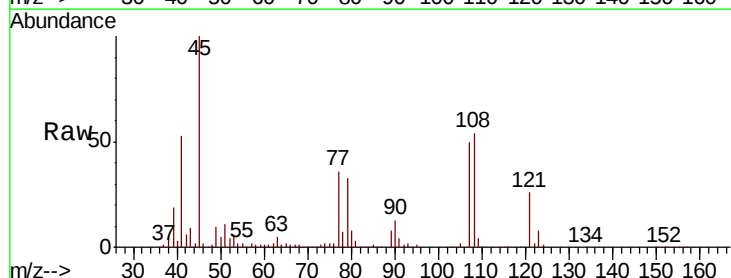
Tgt Ion: 45 Resp: 304920

Ion Ratio Lower Upper

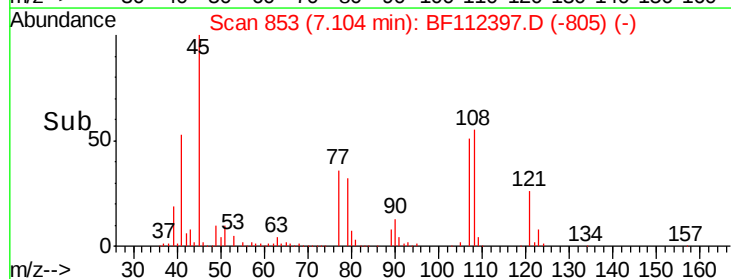
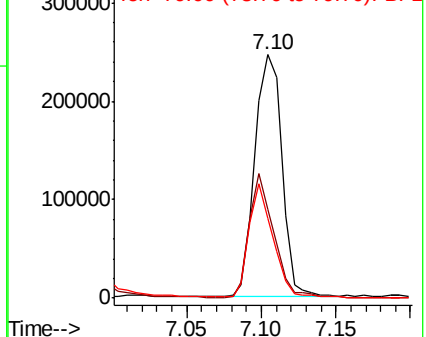
45 100

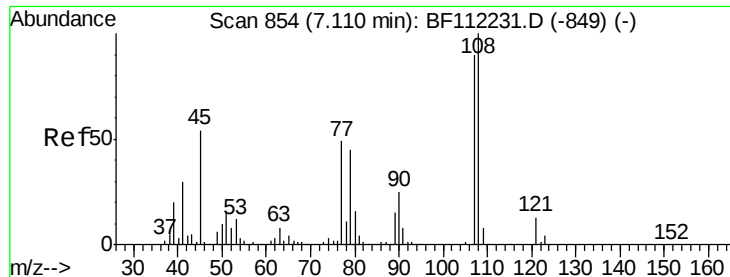
77 36.4 0.0 36.9

79 32.9 0.0 34.0



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

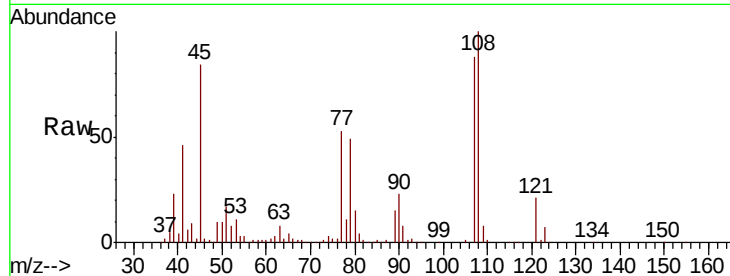




#17
2-Methylphenol
Concen: 22.371 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	60.0	39.0	58.6#
79	55.5	37.0	55.4#



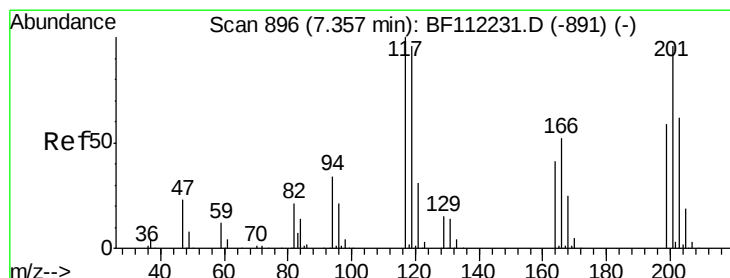
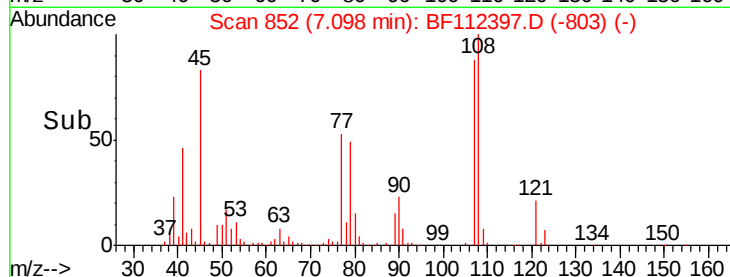
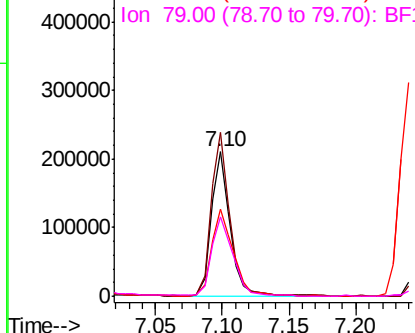
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

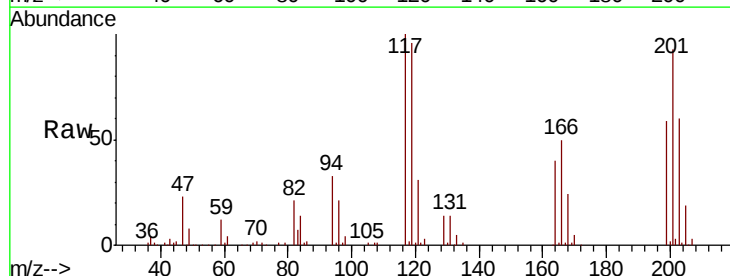
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.376 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.4
201	93.1	74.1	111.1

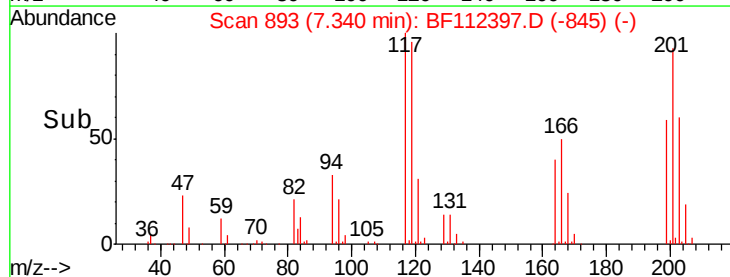
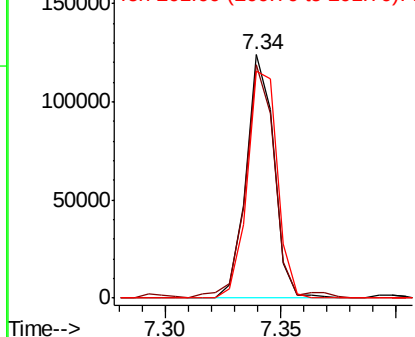


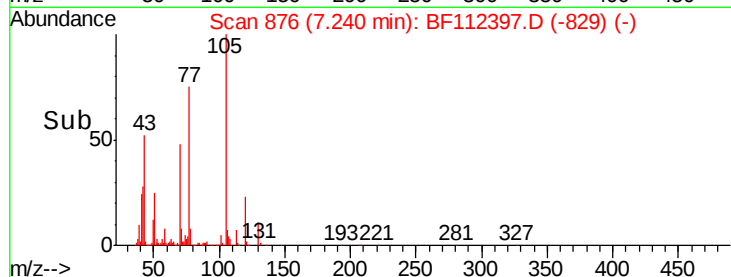
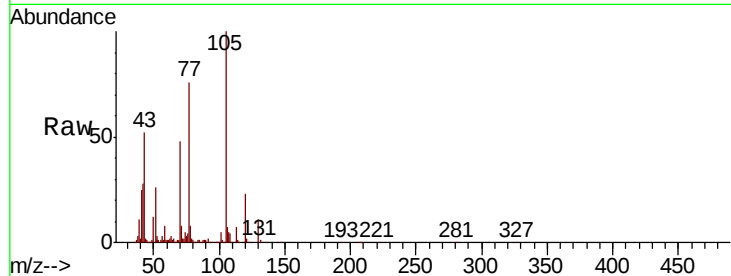
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

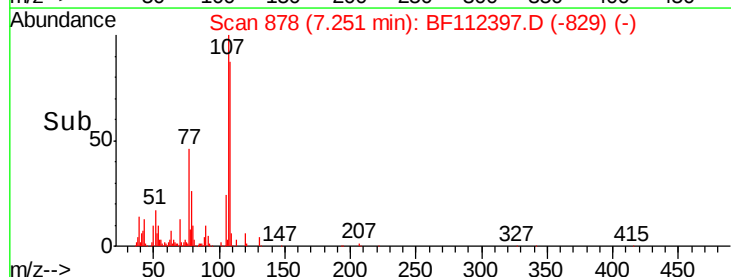
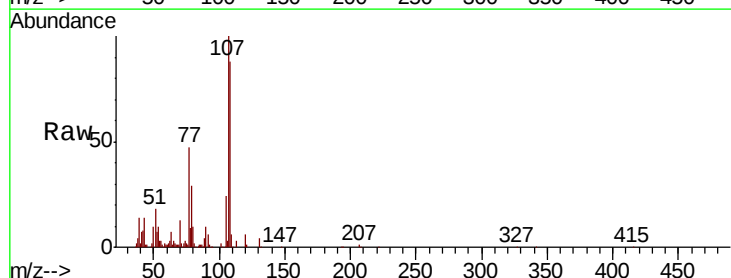
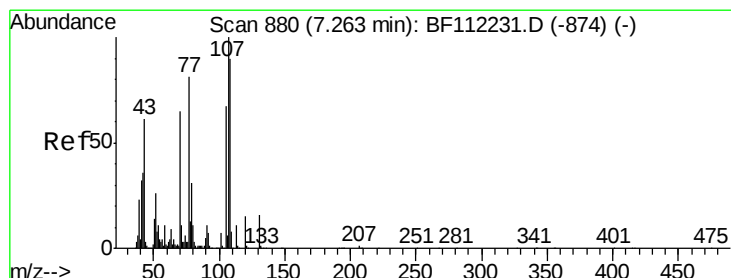
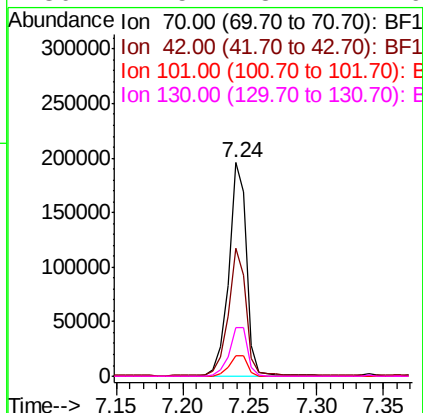




#19
n-Nitroso-di-n-propylamine
Concen: 22.330 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

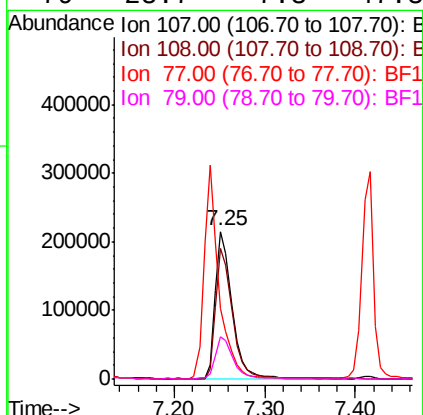
Instrument :
BNA_F
ClientSampleId :

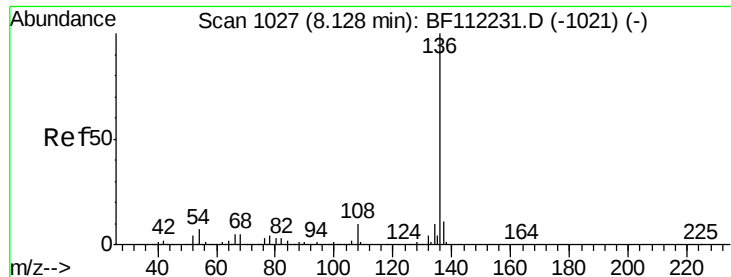
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.6	71.4
101	9.6	7.9	11.9
130	22.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 23.281 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	47.3	100.7	140.7#
79	28.7	7.3	47.3

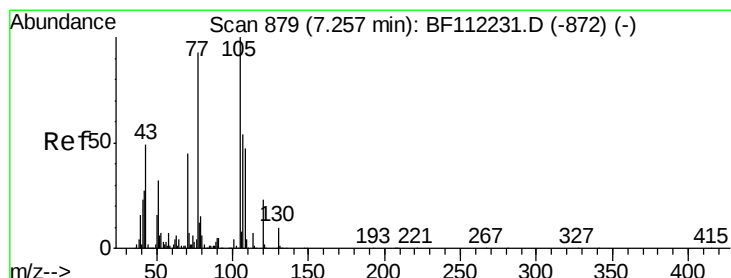
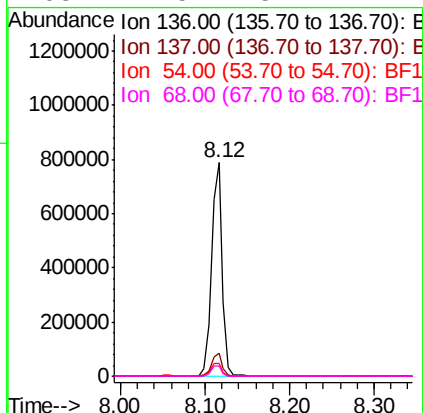
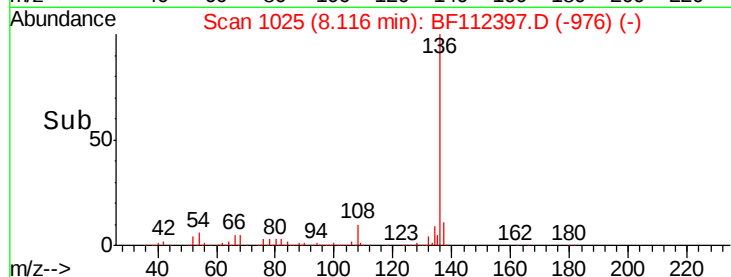
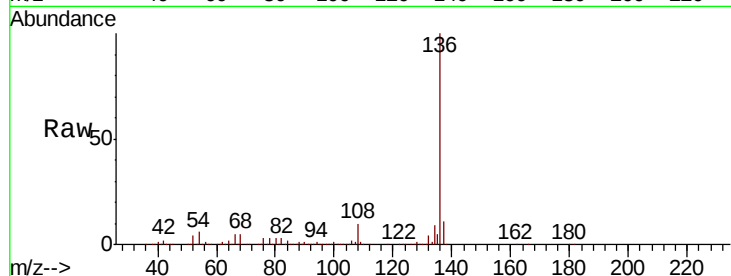




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

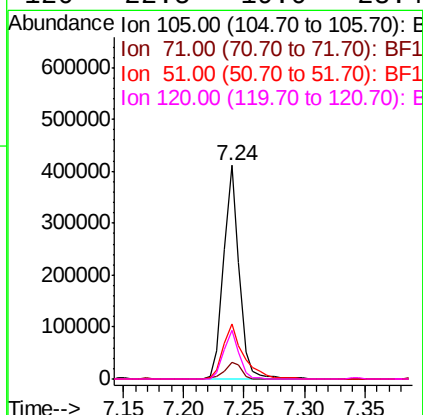
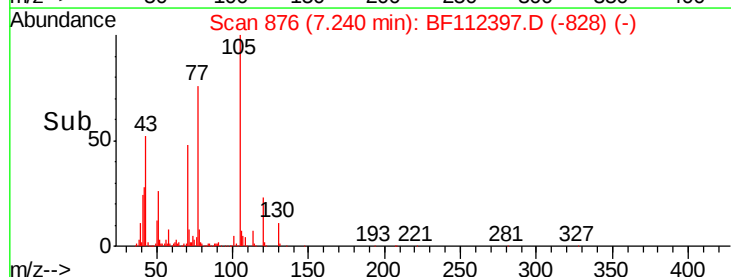
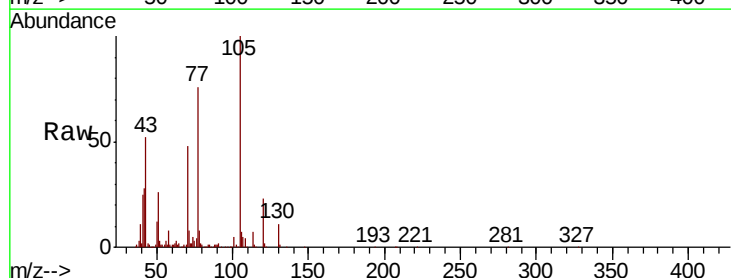
Instrument :
BNA_F
ClientSampleId :

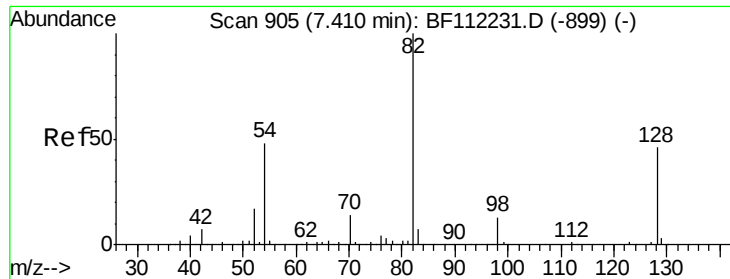
Tot Ion:136	Resp:	704813
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	6.1	5.9 8.9
68	4.5	5.1 7.7#



#22
Acetophenone
Concen: 21.484 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:105	Resp:	368714
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.6 6.8#
51	25.7	25.0 37.6
120	22.5	19.0 28.4

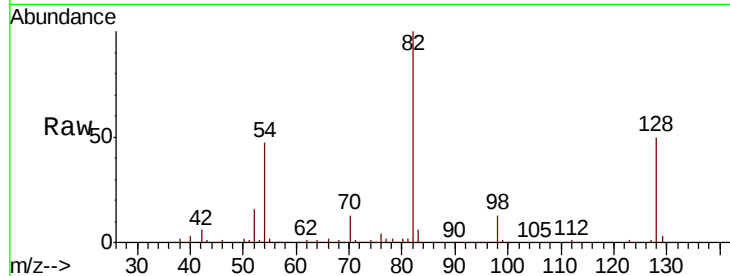




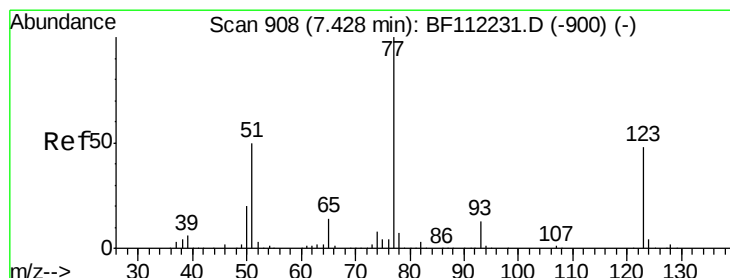
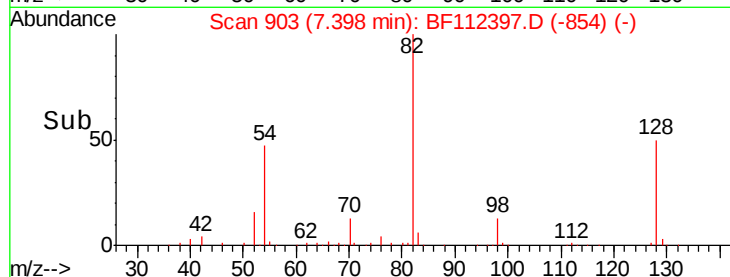
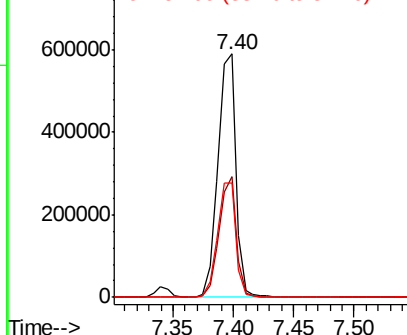
#23
Nitrobenzene-d5
Concen: 49.489 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	605356
Ion Ratio	Lower	Upper	
82	100		
128	49.6	37.8	56.8
54	46.8	39.7	59.5

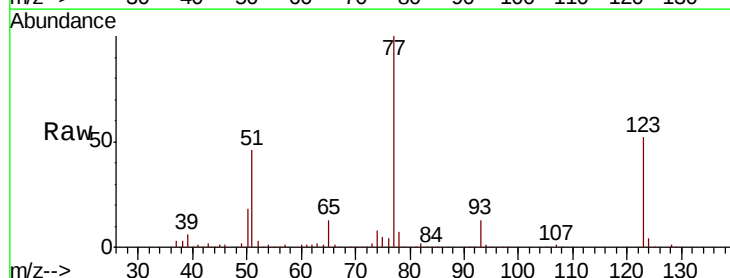


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

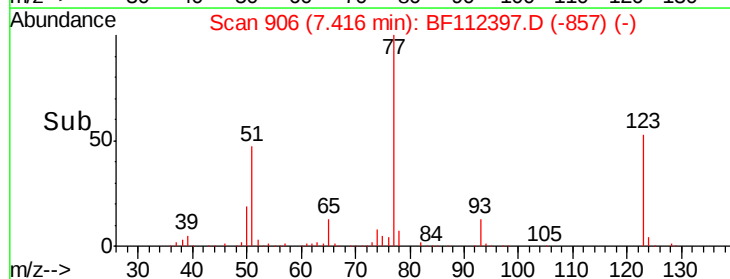
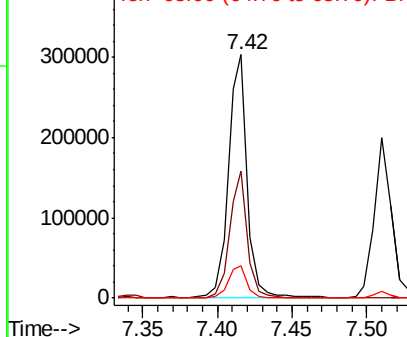


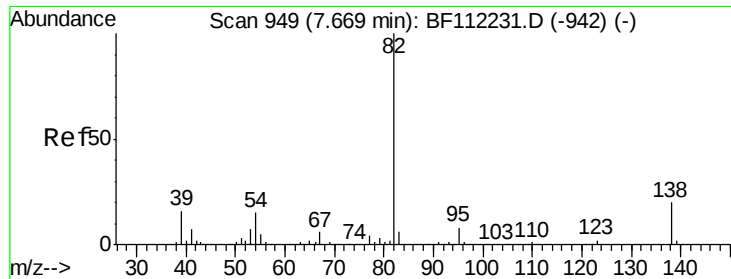
#24
Nitrobenzene
Concen: 22.032 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	77	Resp	269155
Ion Ratio	Lower	Upper	
77	100		
123	52.0	38.4	57.6
65	13.1	10.6	15.8



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

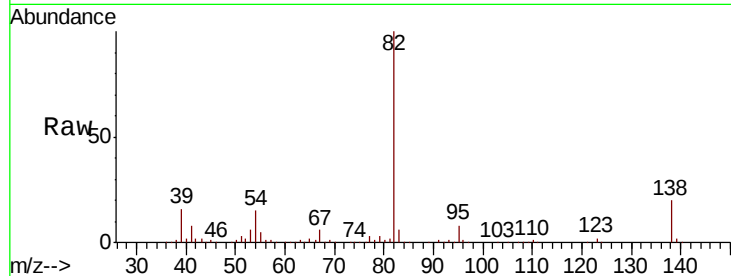




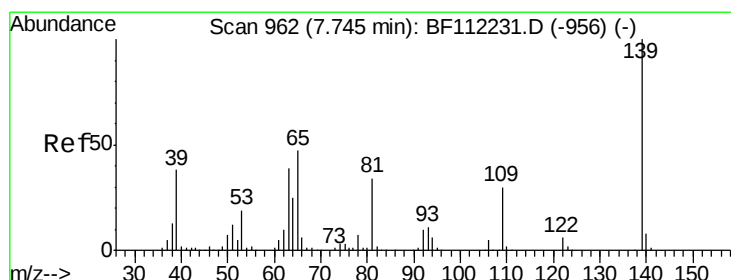
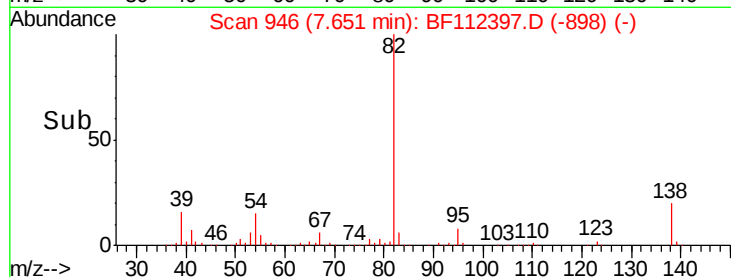
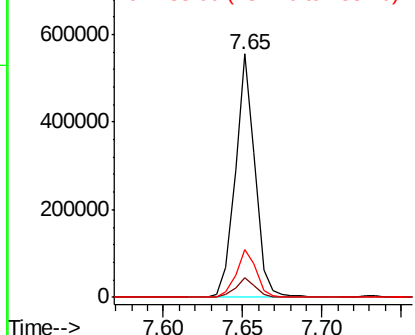
#25
Isophorone
Concen: 24.926 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 478325
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.6 15.4 23.0

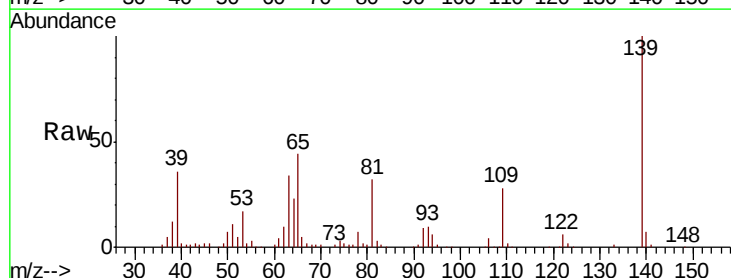


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

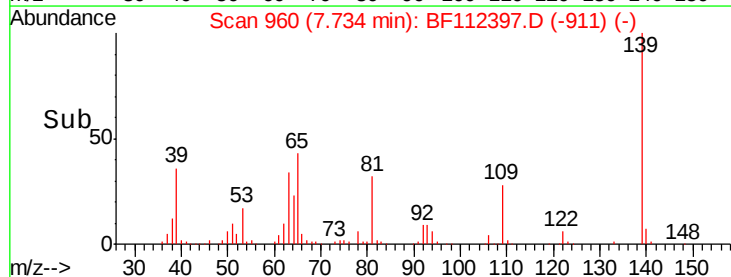
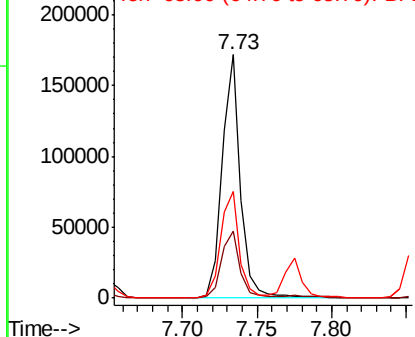


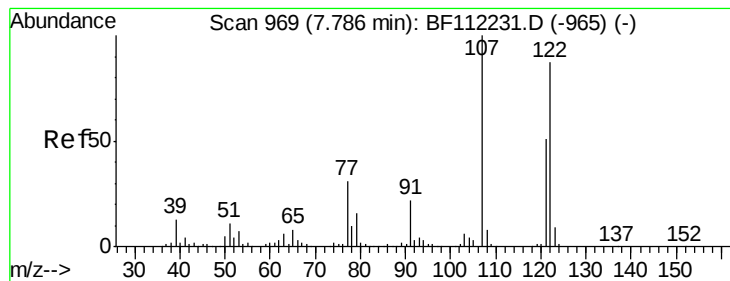
#26
2-Nitrophenol
Concen: 22.801 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion: 139 Resp: 148858
Ion Ratio Lower Upper
139 100
109 27.7 20.8 31.2
65 43.7 34.4 51.6



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





#27

2,4-Dimethylphenol

Concen: 25.757 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

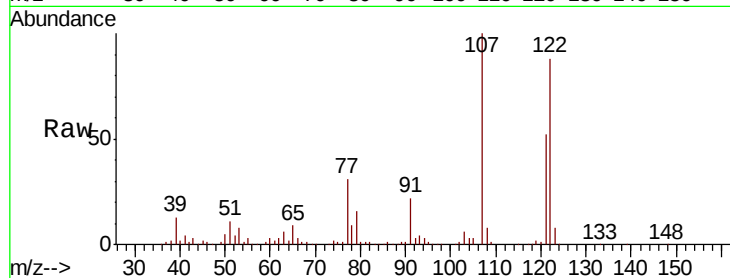
Tot Ion:122 Resp: 231685

Ion Ratio Lower Upper

122 100

107 114.1 85.4 128.0

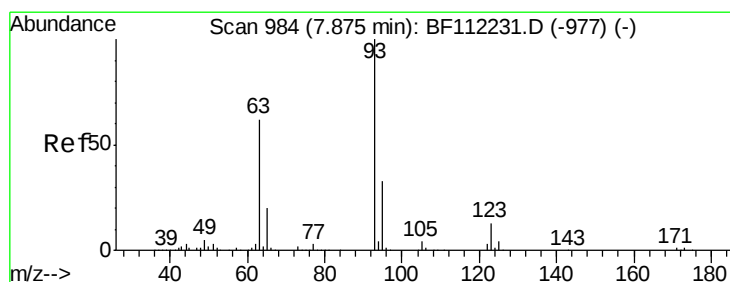
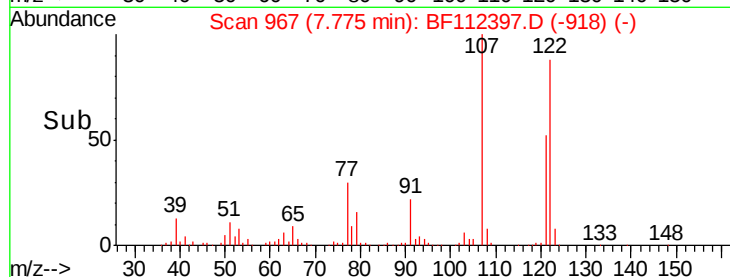
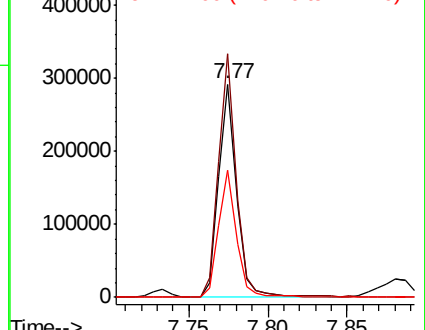
121 59.7 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.406 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

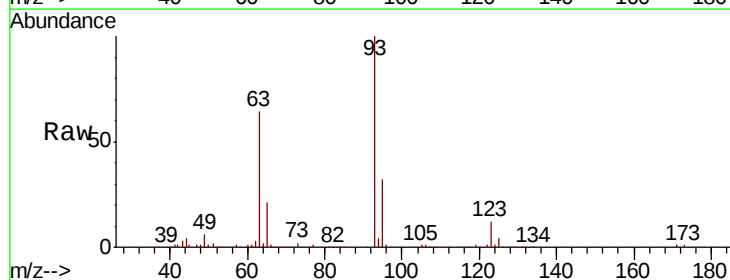
Tgt Ion: 93 Resp: 305832

Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

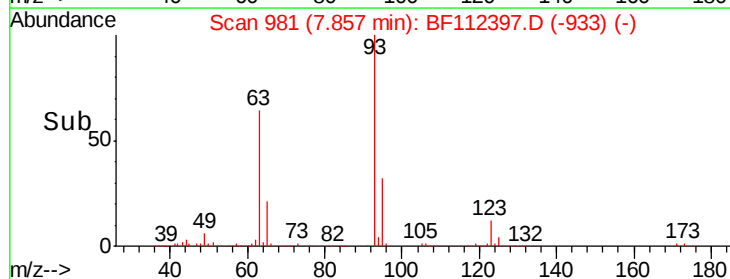
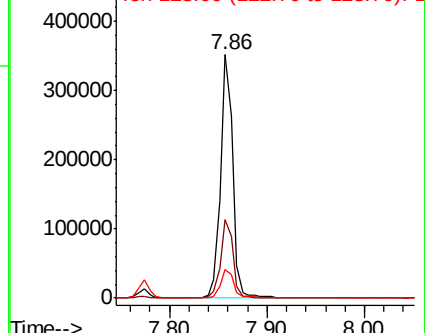
123 12.0 10.2 15.2

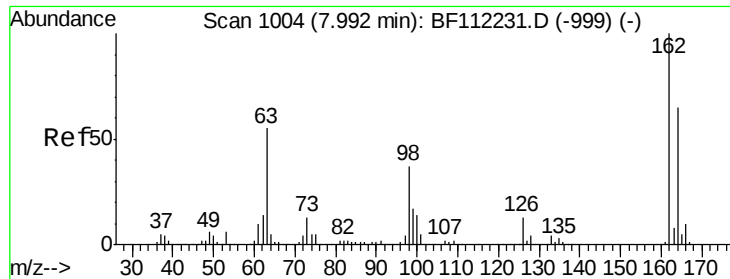


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

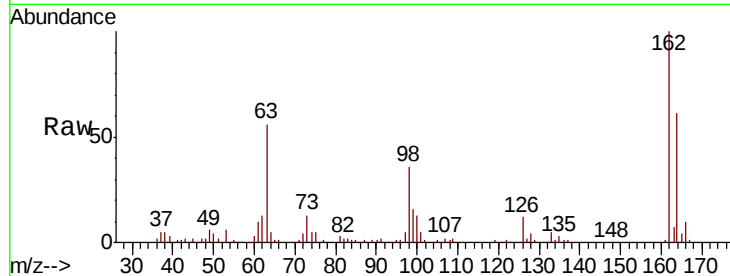




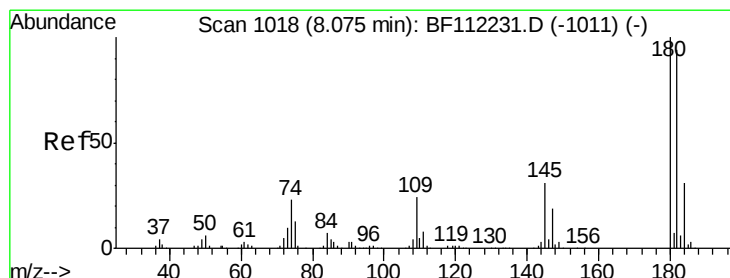
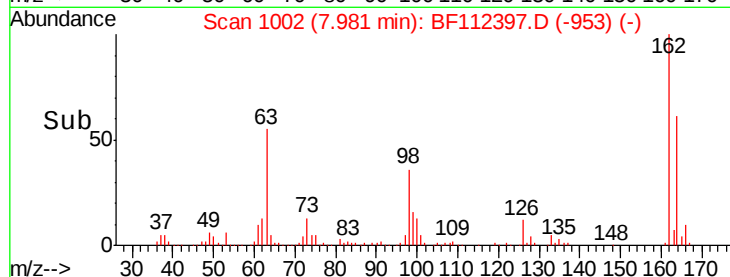
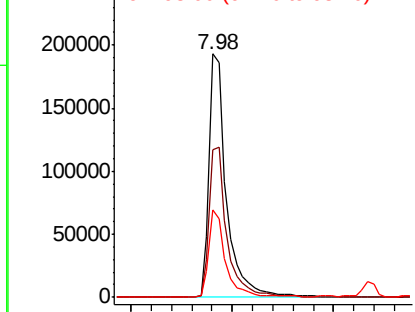
#29
2,4-Dichlorophenol
Concen: 23.019 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 231712
Ion Ratio Lower Upper
162 100
164 60.7 44.6 84.6
98 35.9 14.6 54.6

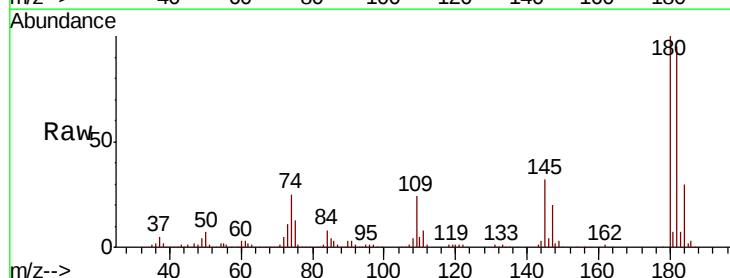


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

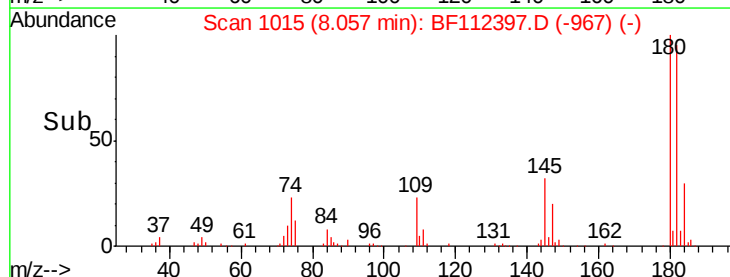
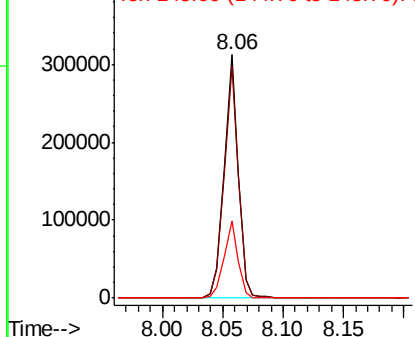


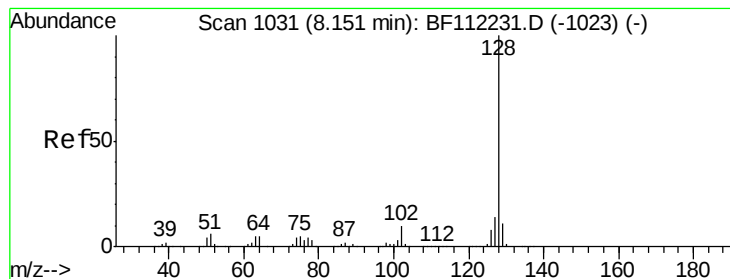
#30
1,2,4-Trichlorobenzene
Concen: 21.908 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:180 Resp: 253487
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
145 31.6 25.0 37.4



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: 23.759 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampled :

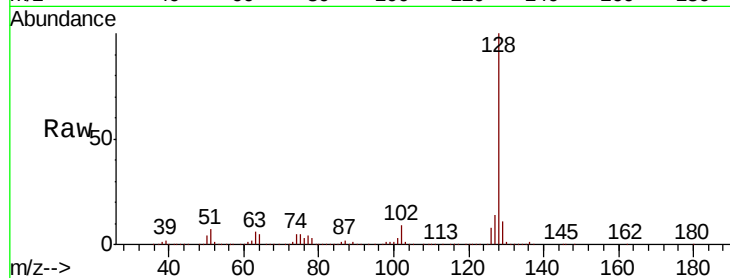
Tot Ion:128 Resp: 783095

Ion Ratio Lower Upper

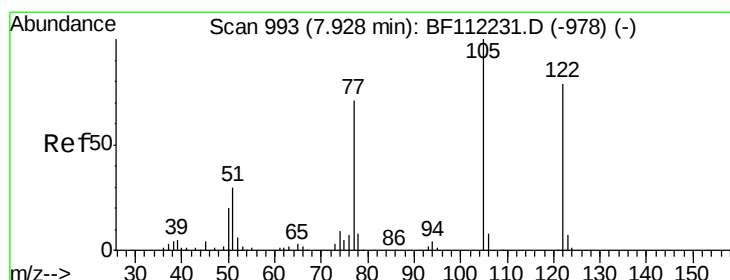
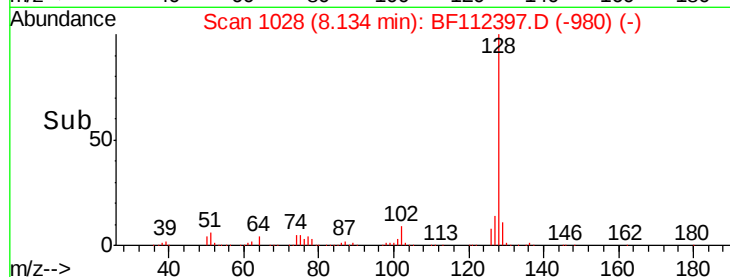
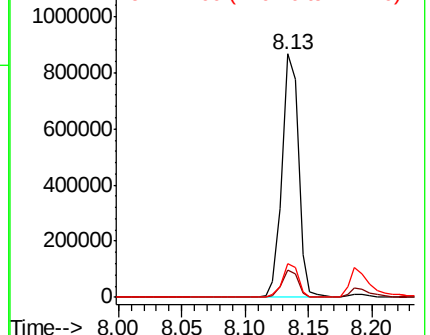
128 100

129 11.4 9.6 14.4

127 13.8 11.1 16.7



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: 9.223 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

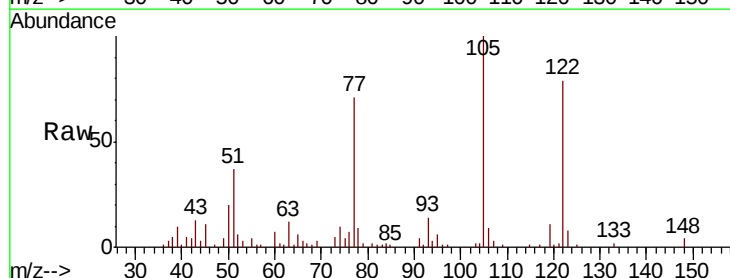
Tgt Ion:122 Resp: 47320

Ion Ratio Lower Upper

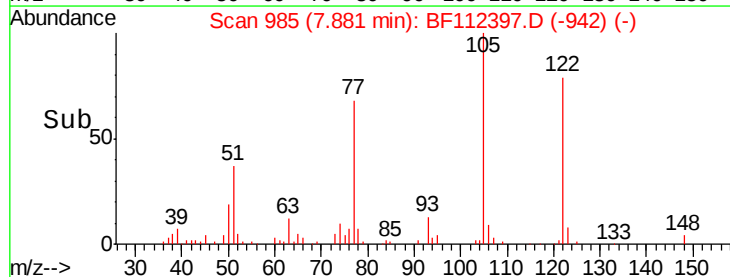
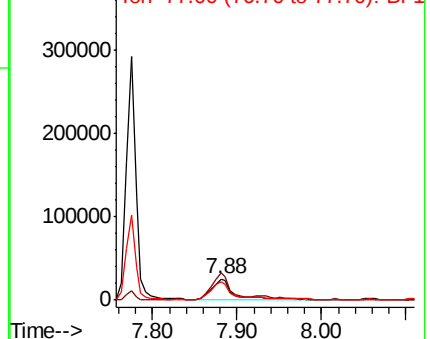
122 100

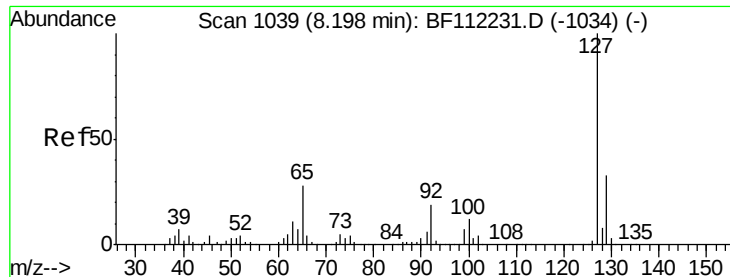
105 126.0 101.2 141.2

77 89.6 70.4 110.4



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

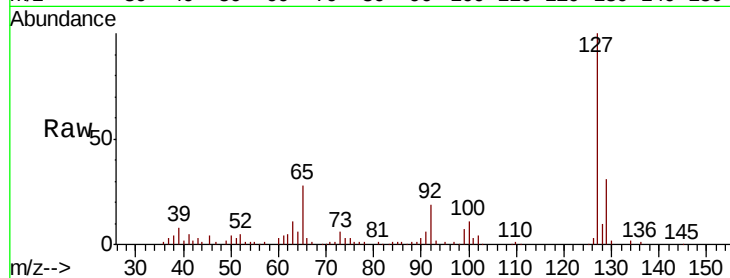




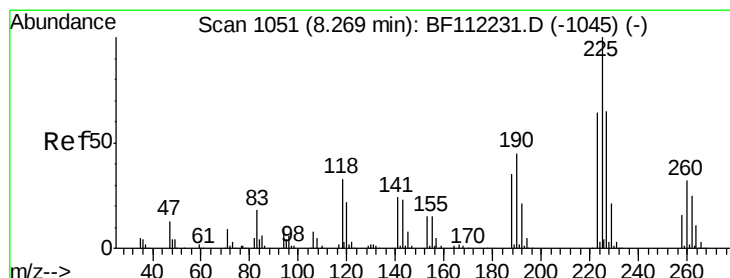
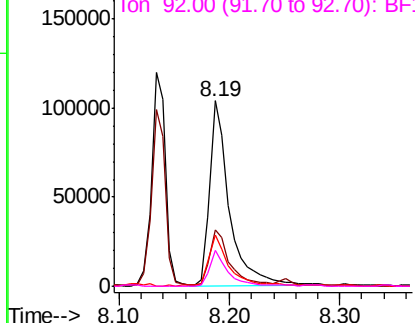
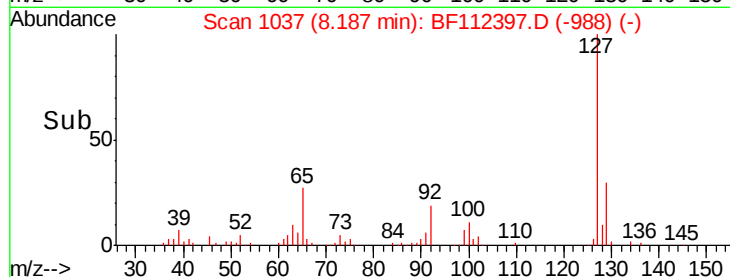
#33
4-Chloroaniline
Concen: 8.840 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	126872
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.6	39.8
65	27.7	21.4	32.2
92	19.1	14.2	21.2

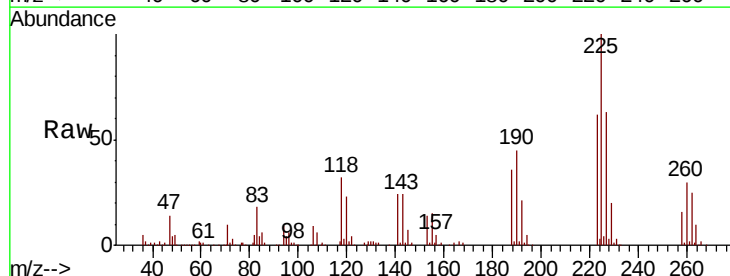


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

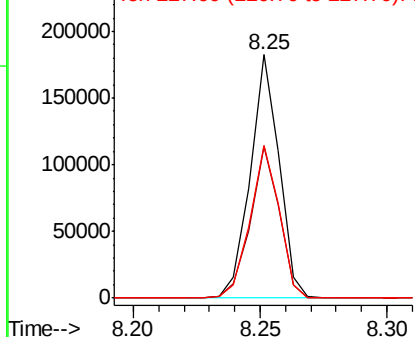
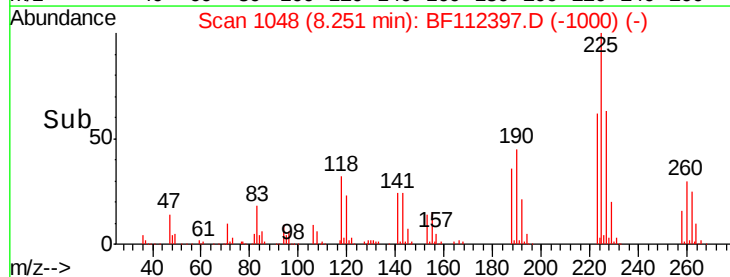


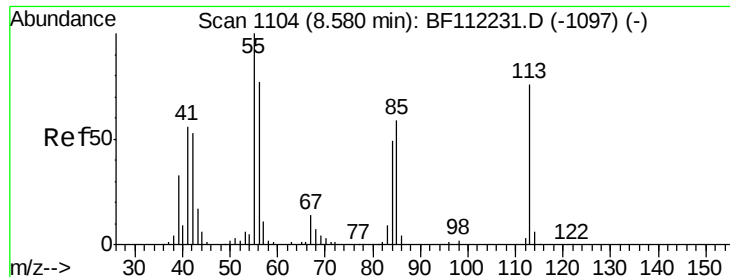
#34
Hexachlorobutadiene
Concen: 21.288 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:	225	Resp:	144539
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	62.6	51.8	77.8



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

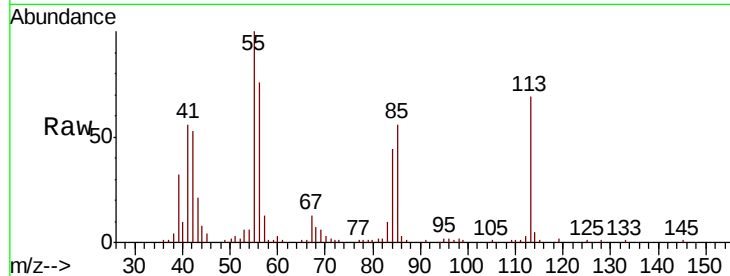




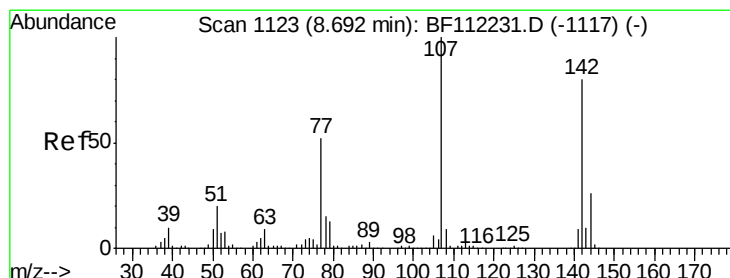
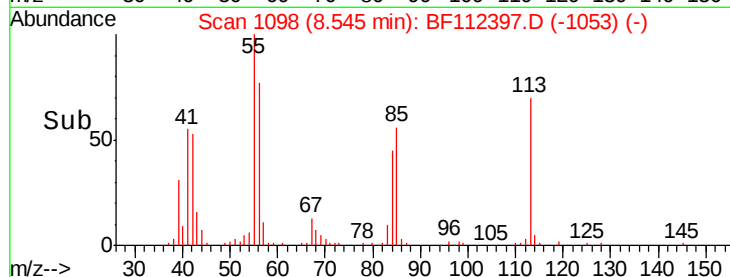
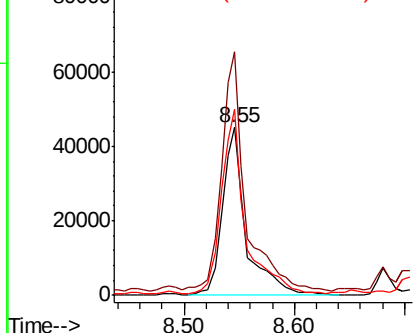
#35
 Caprolactam
 Concen: 18.977 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 67388
 Ion Ratio Lower Upper
 113 100
 55 145.0 121.6 161.6
 56 110.5 86.7 126.7

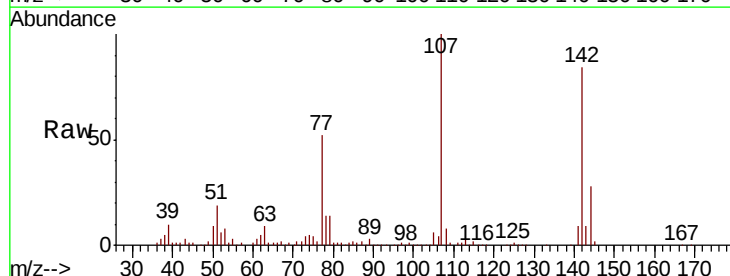


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

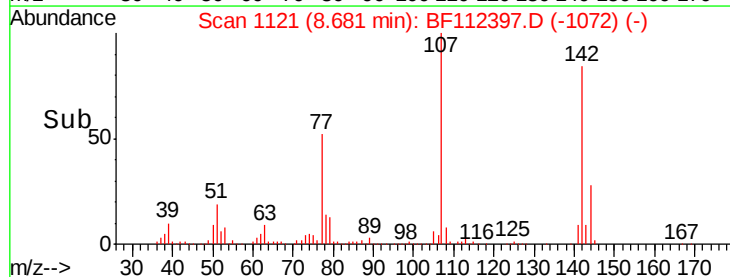
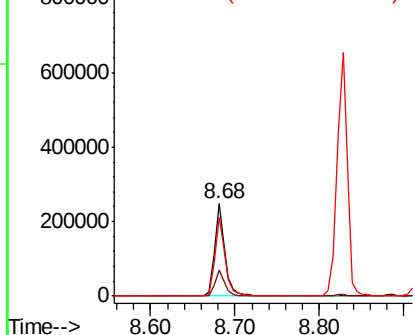


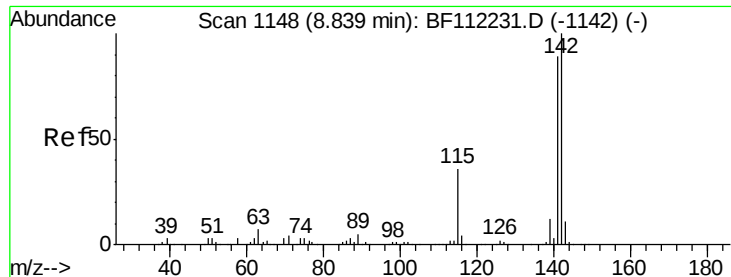
#36
 4-Chloro-3-methylphenol
 Concen: 20.855 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion:107 Resp: 222228
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.2 33.2
 142 84.4 67.7 101.5



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

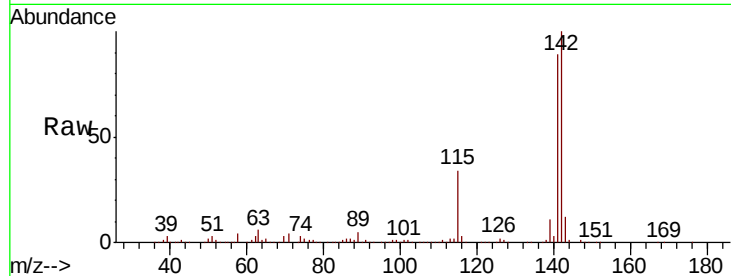




#37
 2-Methylnaphthalene
 Concen: 24.438 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	33.9	24.9	37.3

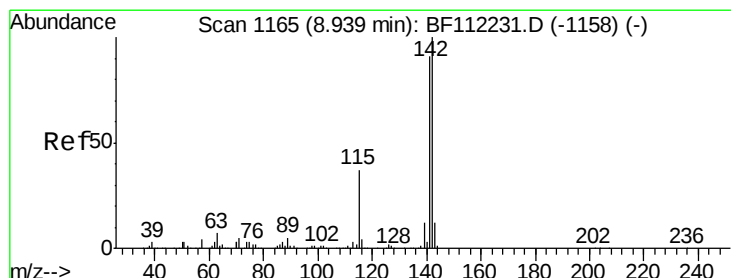
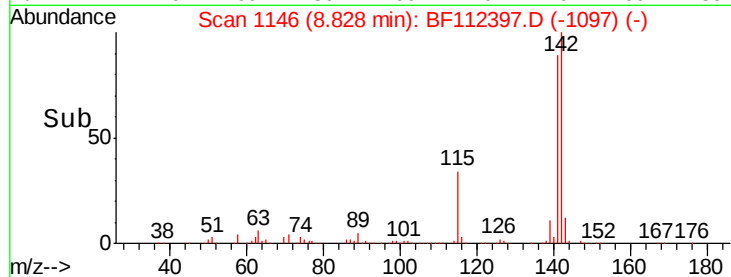
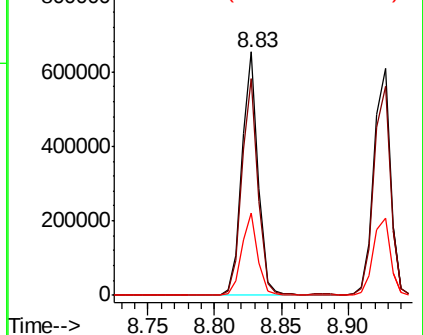


Abundance

Ion 142.00 (141.70 to 142.70): E

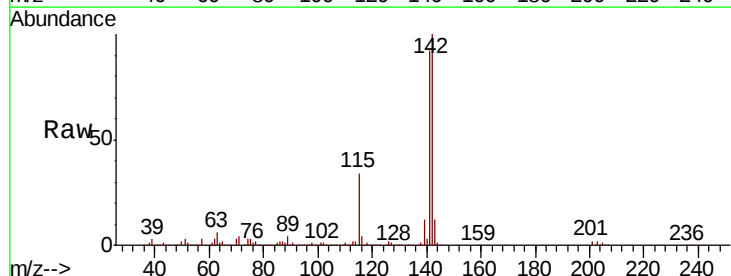
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 23.927 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.6	108.8
116	3.5	2.8	4.2

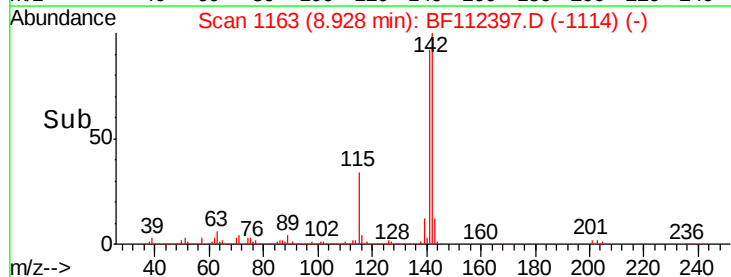
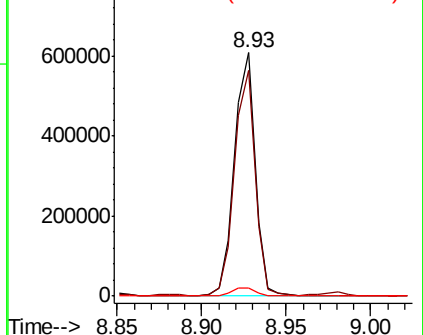


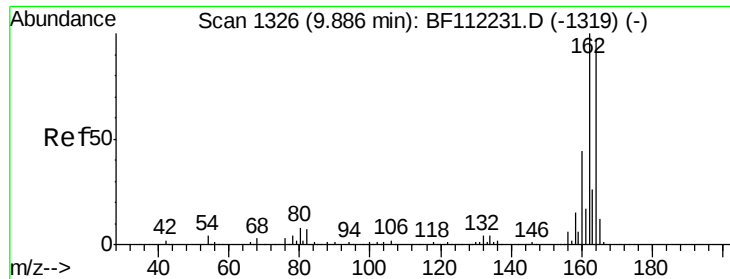
Abundance

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

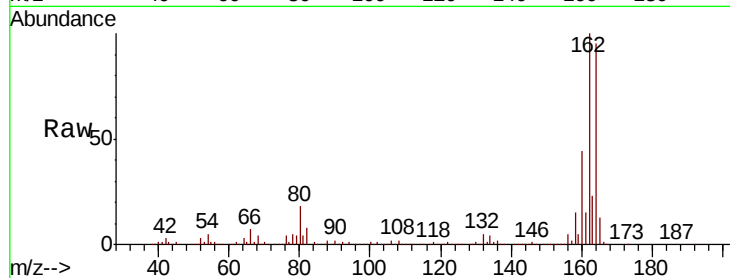




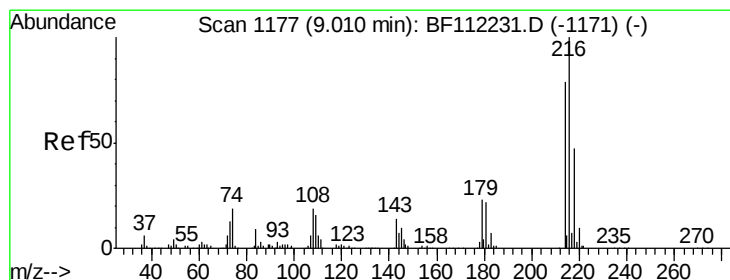
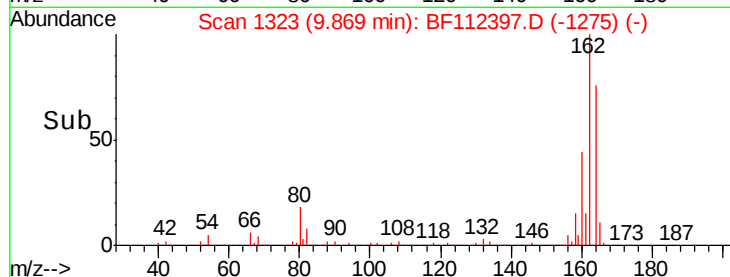
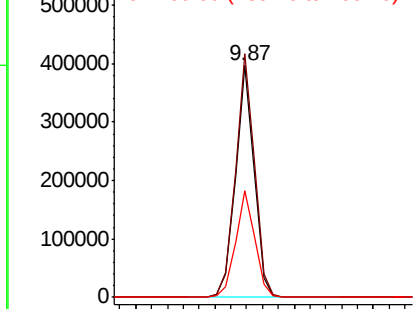
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 325221
Ion Ratio Lower Upper
164 100
162 104.9 82.2 123.4
160 46.1 36.2 54.4

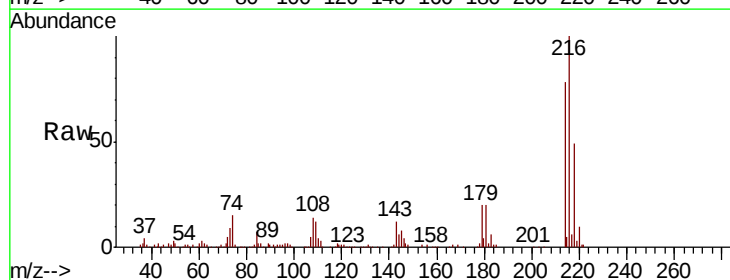


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

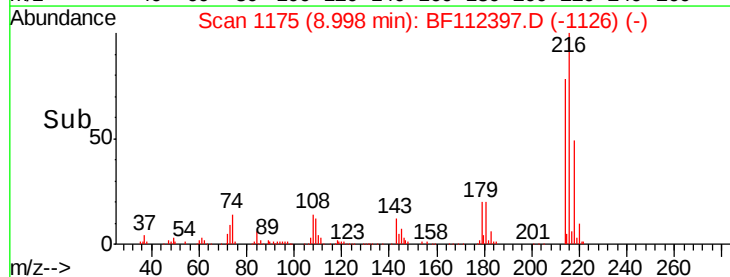
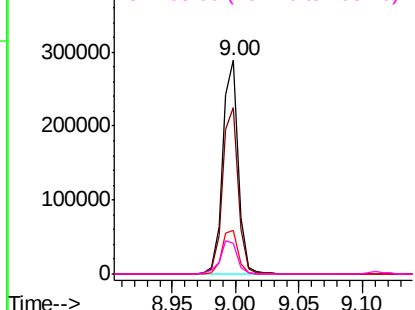


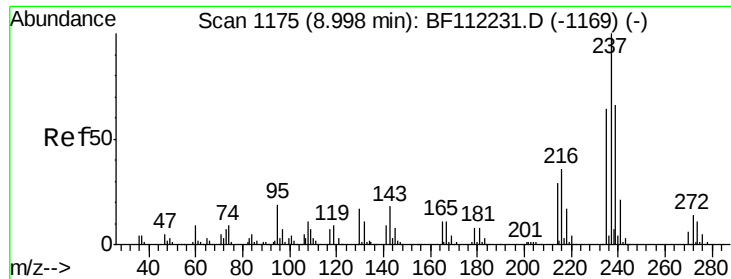
#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.165 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:216 Resp: 247363
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 21.5 16.9 25.3
108 17.6 14.2 21.4



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





#41

Hexachlorocyclopentadiene

Concen: 20.901 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

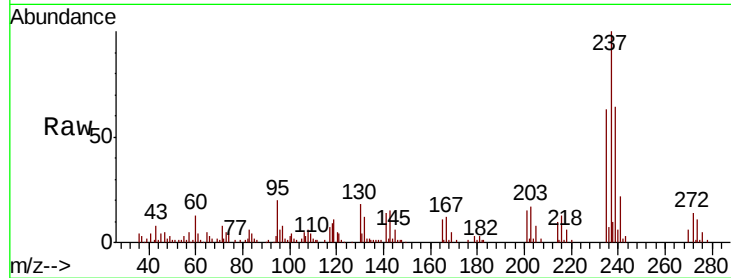
Tot Ion:237 Resp: 52342

Ion Ratio Lower Upper

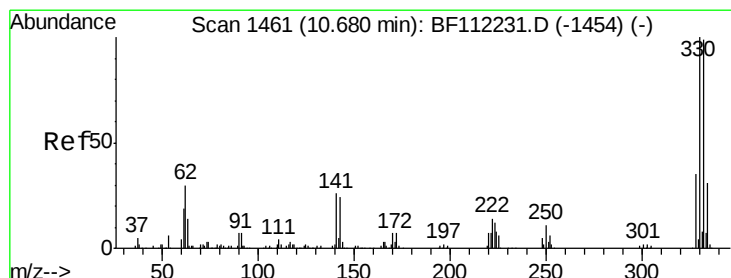
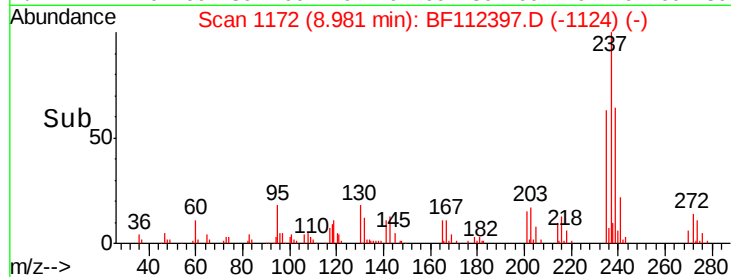
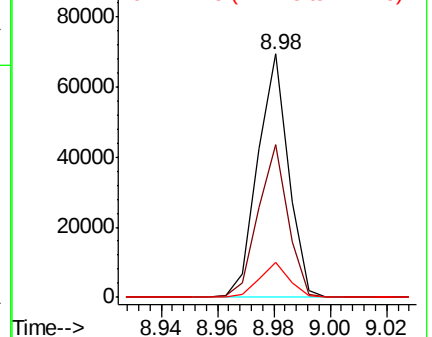
237 100

235 62.9 44.0 84.0

272 14.3 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 69.456 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

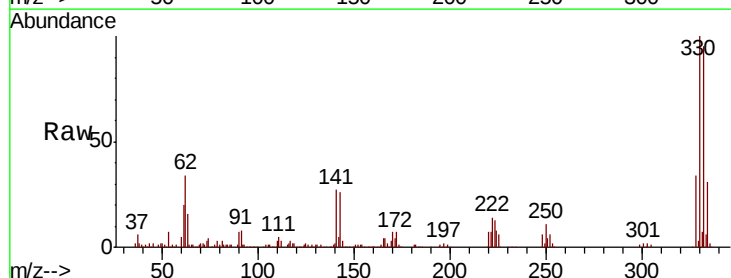
Tgt Ion:330 Resp: 262925

Ion Ratio Lower Upper

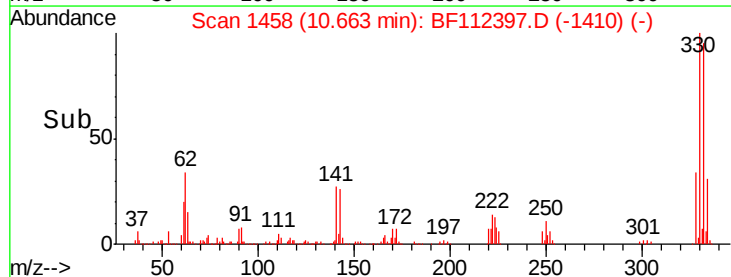
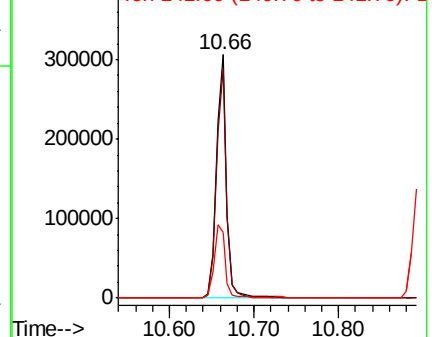
330 100

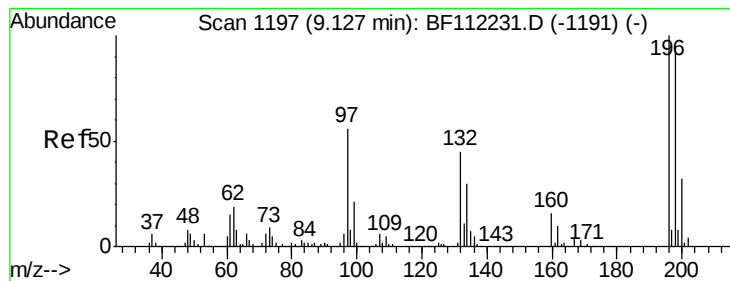
332 93.8 76.6 114.8

141 31.8 24.3 36.5



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: 23.759 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

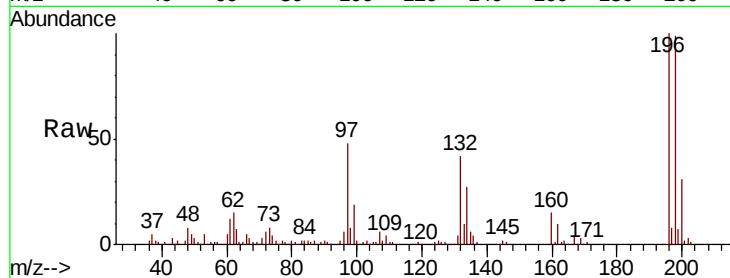
Tot Ion:196 Resp: 156386

Ion Ratio Lower Upper

196 100

198 98.6 76.2 114.4

200 31.0 24.3 36.5

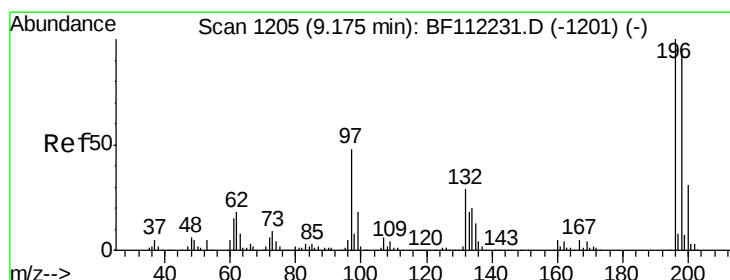
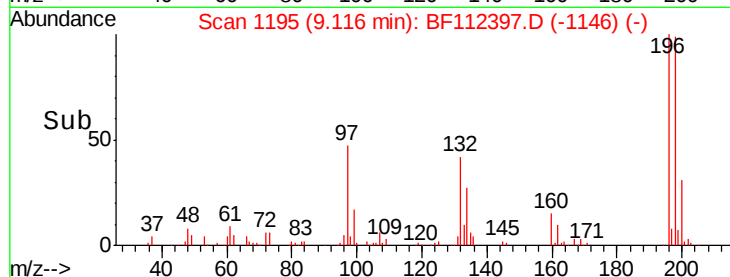
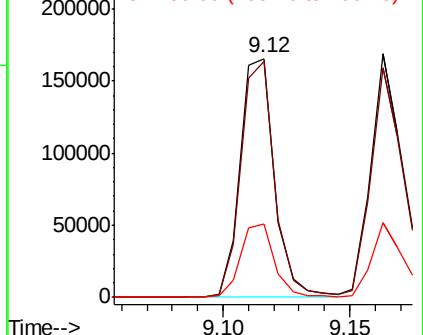


Abundance

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: 23.106 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Tgt Ion:196 Resp: 158950

Ion Ratio Lower Upper

196 100

198 94.2 76.0 114.0

97 48.6 36.4 54.6

132 28.9 21.5 32.3

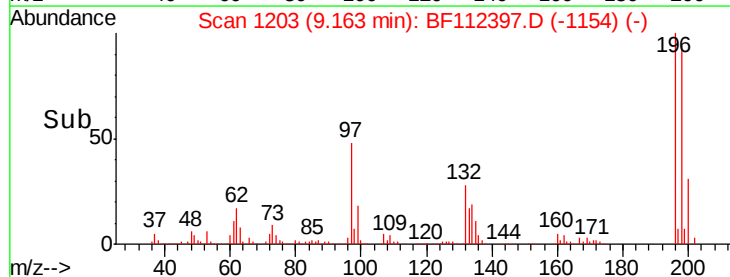
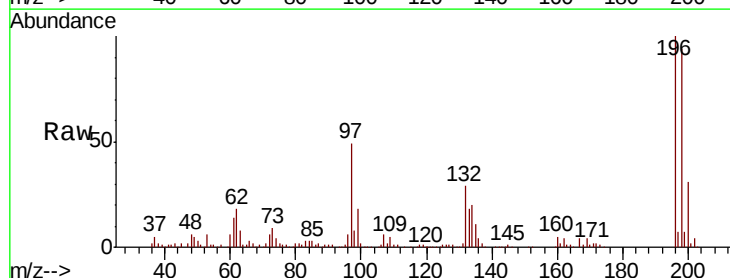
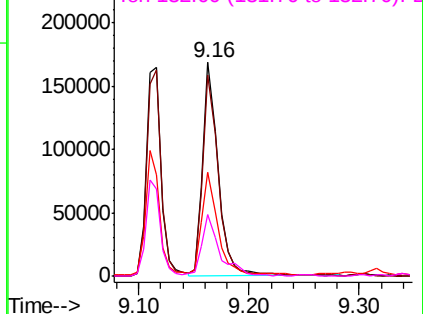
Abundance

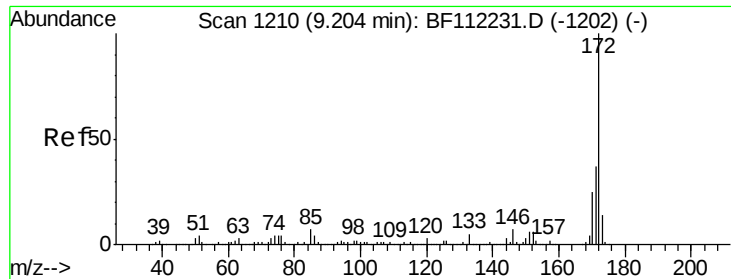
Ion 196.00 (195.70 to 196.70): E

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

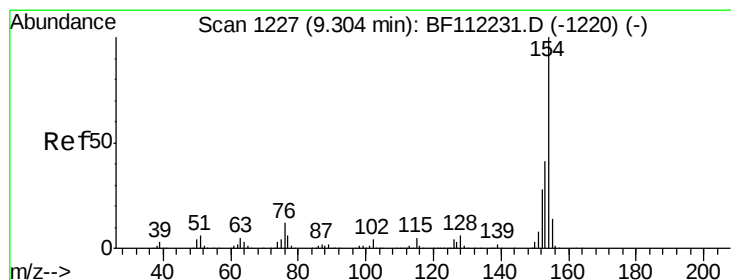
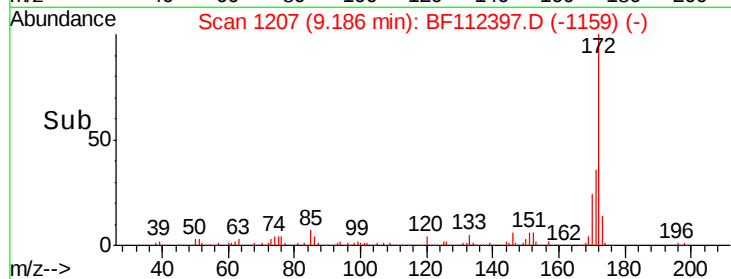
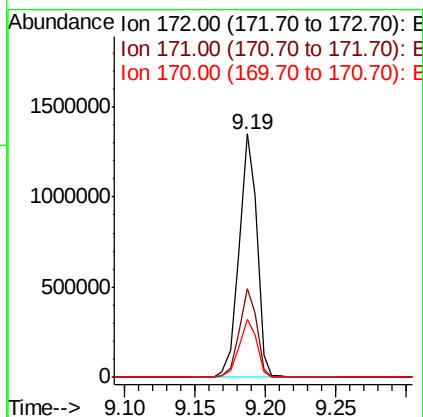
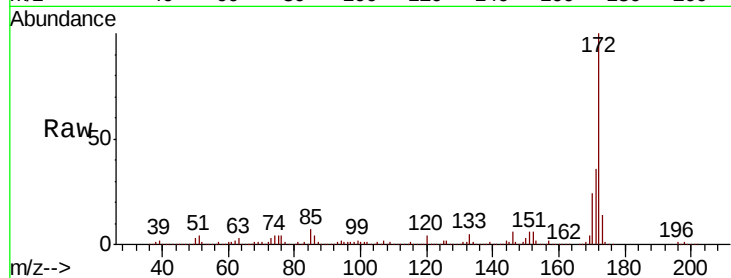




#45
2-Fluorobiphenyl
Concen: 51.636 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

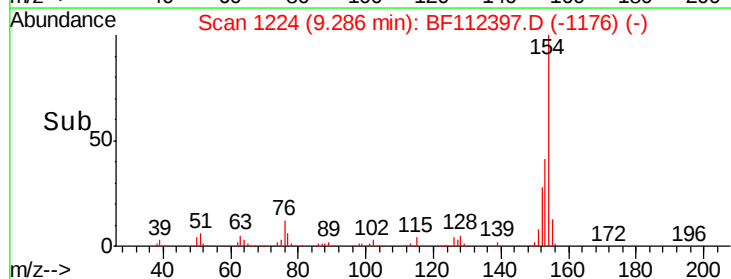
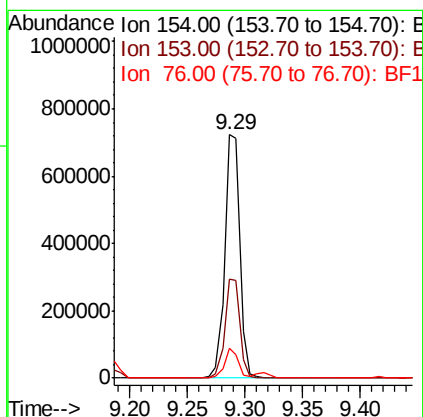
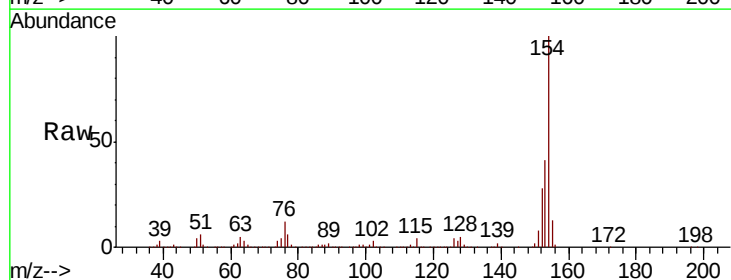
Instrument :
BNA_F
ClientSampleId :

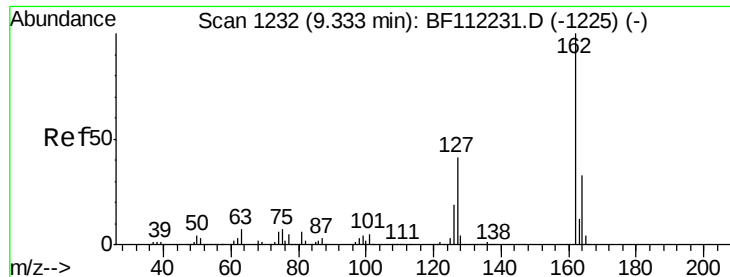
Tot Ion:172 Resp: 1187349
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 24.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 23.079 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:154 Resp: 656194
Ion Ratio Lower Upper
154 100
153 40.6 21.5 61.5
76 12.3 0.0 33.1

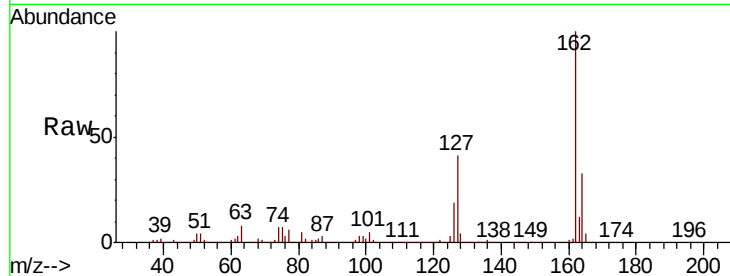




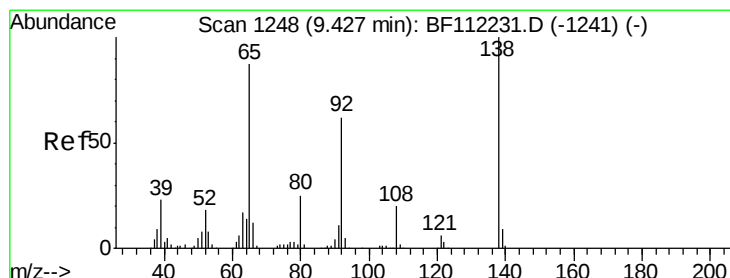
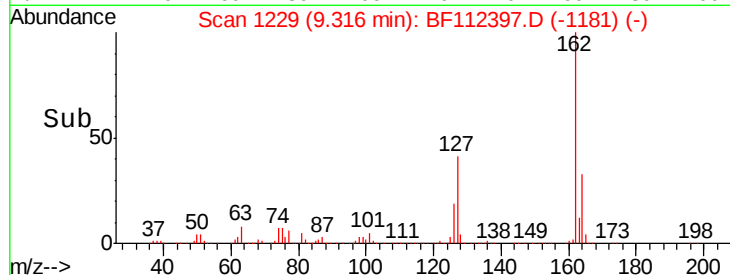
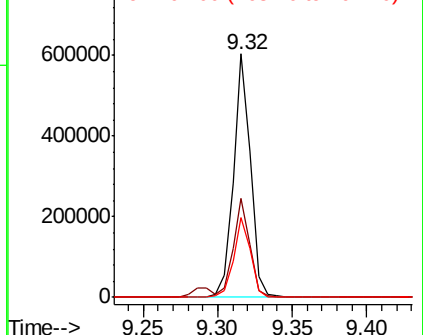
#47
2-Chloronaphthalene
Concen: 22.202 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	32.7	27.4	41.2

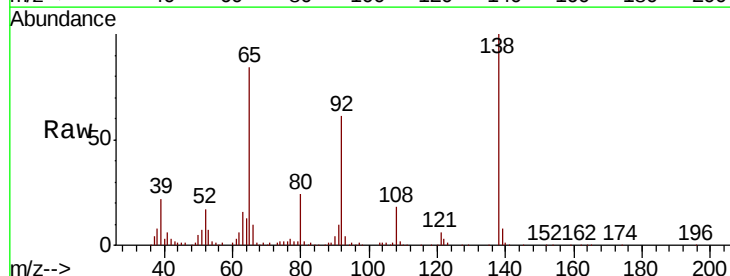


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

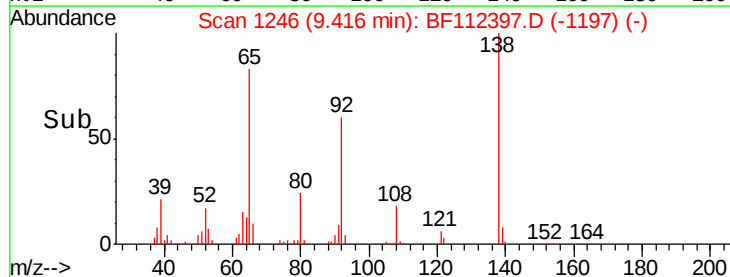
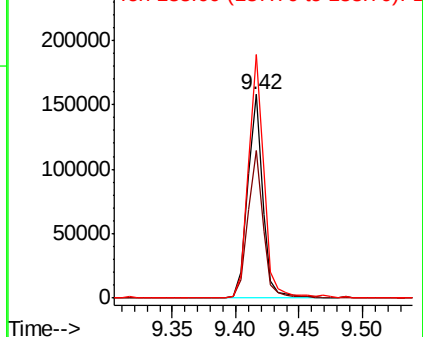


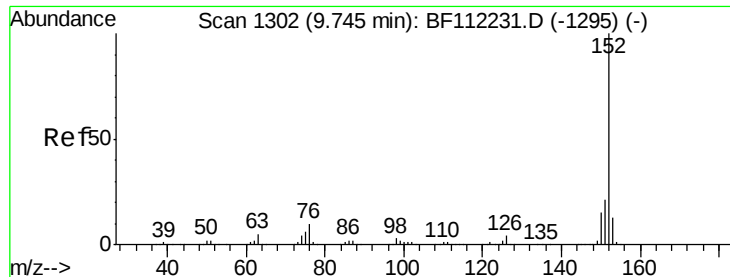
#48
2-Nitroaniline
Concen: 21.821 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	60.4	90.6
138	119.5	104.4	156.6



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: 23.788 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

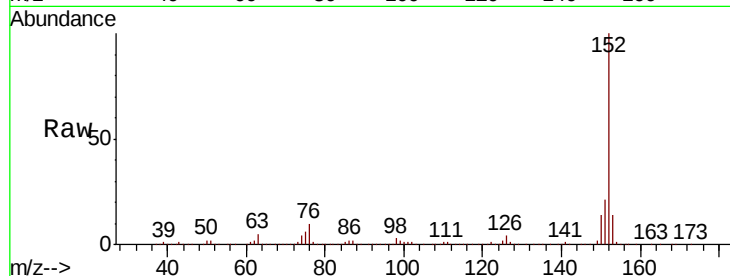
Tot Ion:152 Resp: 768723

Ion Ratio Lower Upper

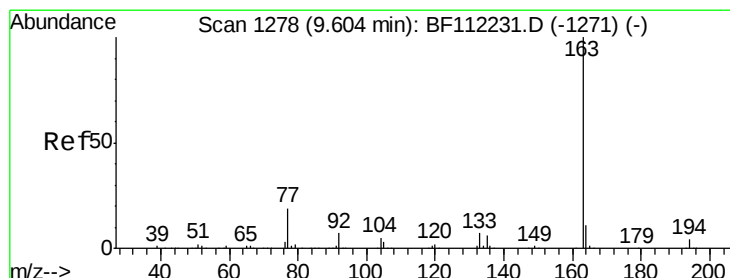
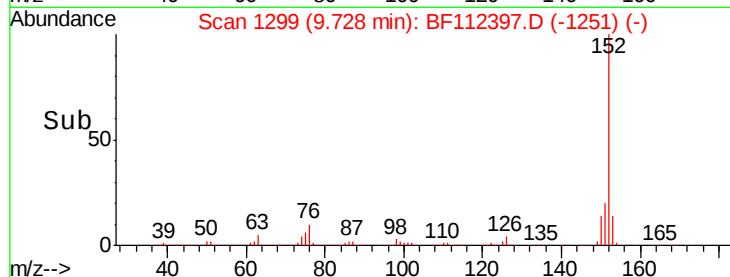
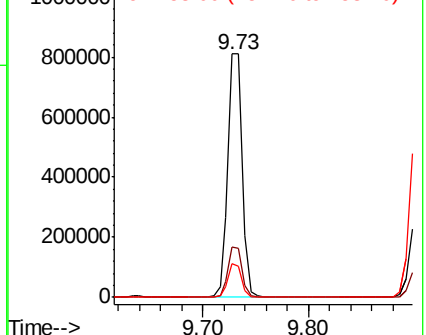
152 100

151 20.5 17.0 25.6

153 13.7 11.2 16.8



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: 27.689 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

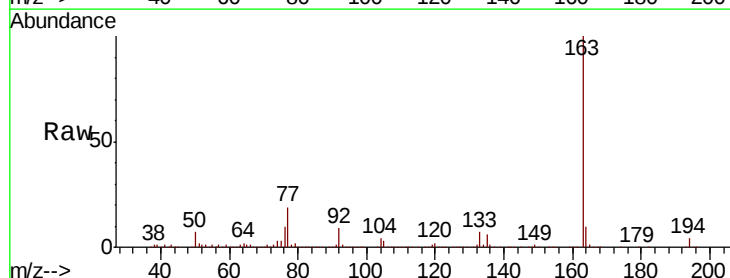
Tgt Ion:163 Resp: 699644

Ion Ratio Lower Upper

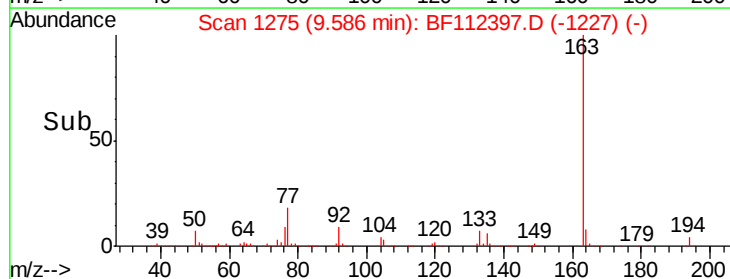
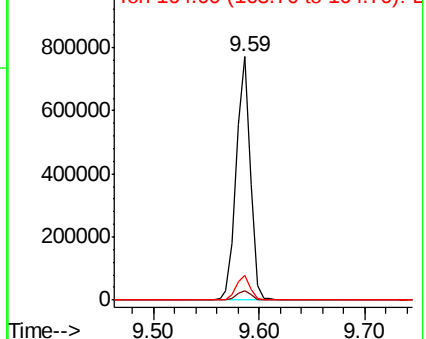
163 100

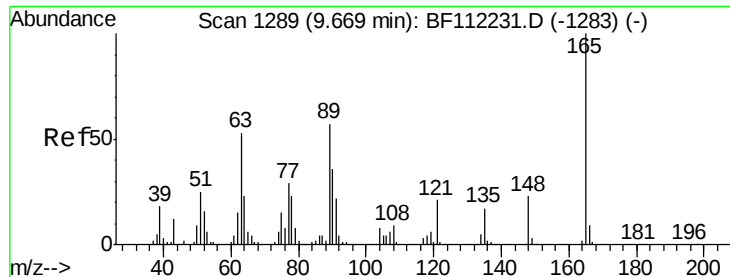
194 3.8 3.3 4.9

164 10.2 8.5 12.7



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

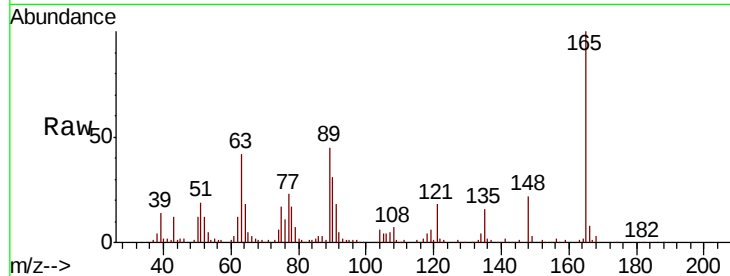




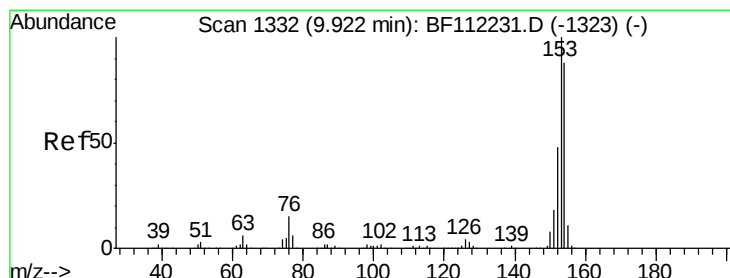
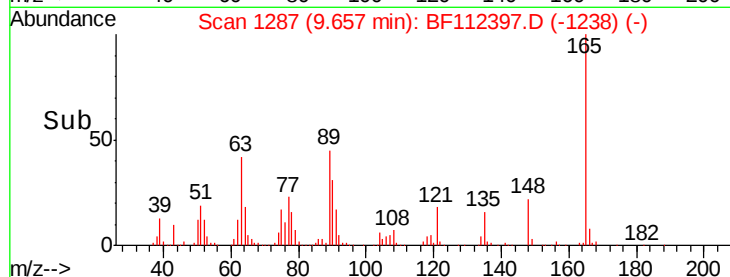
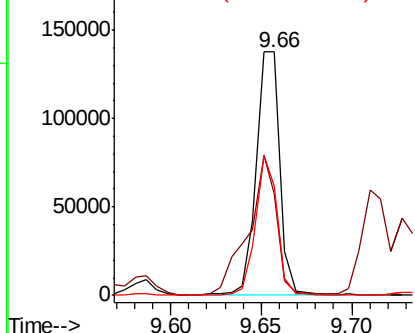
#51
 2,6-Dinitrotoluene
 Concen: 22.307 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 126236
 Ion Ratio Lower Upper
 165 100
 63 41.7 33.8 50.8
 89 44.9 36.9 55.3

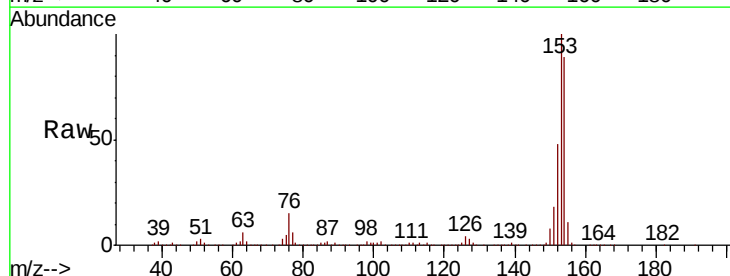


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

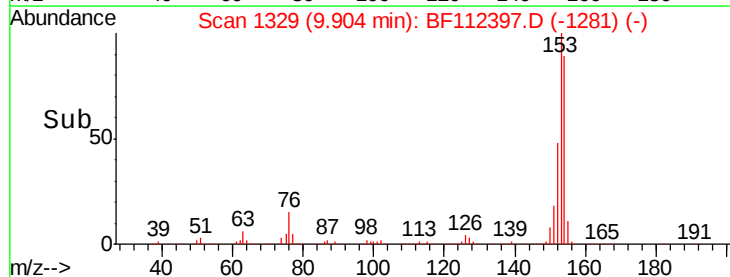
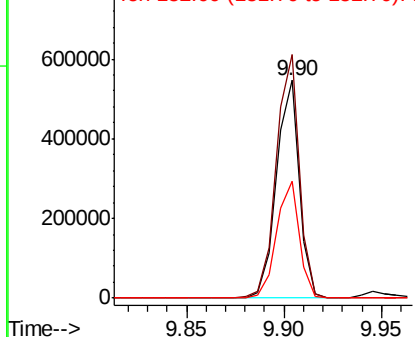


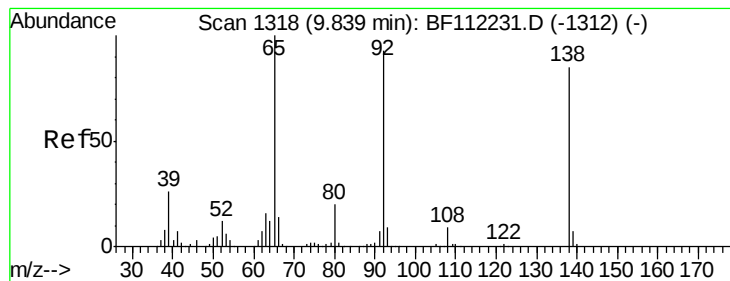
#52
 Acenaphthene
 Concen: 23.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion:154 Resp: 444014
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.8 134.6
 152 53.6 43.5 65.3



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: 13.576 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

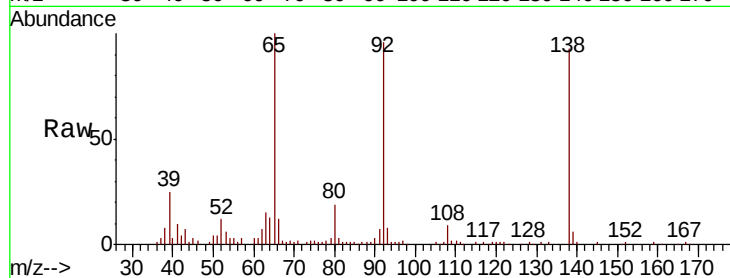
Tot Ion:138 Resp: 83236

Ion Ratio Lower Upper

138 100

108 9.4 9.8 14.6#

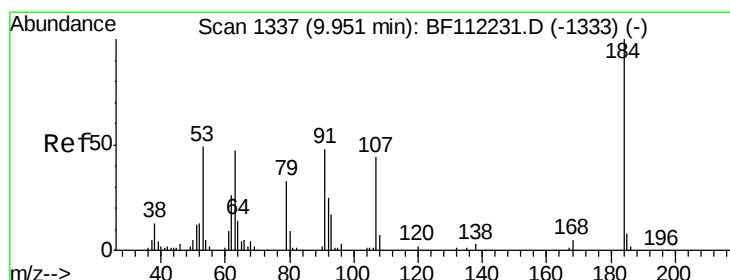
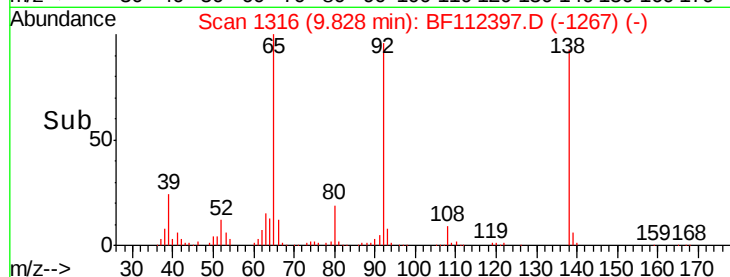
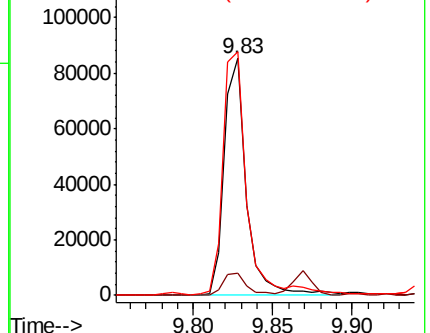
92 102.8 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 16.153 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

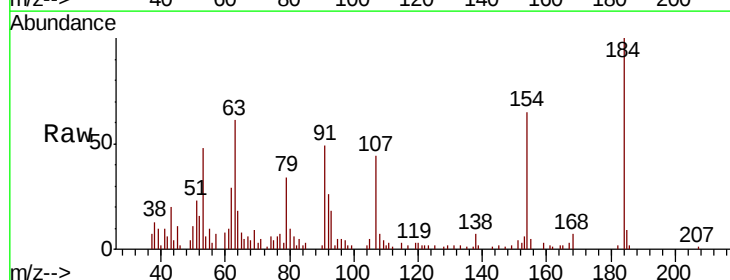
Tgt Ion:184 Resp: 29336

Ion Ratio Lower Upper

184 100

63 60.7 47.1 70.7

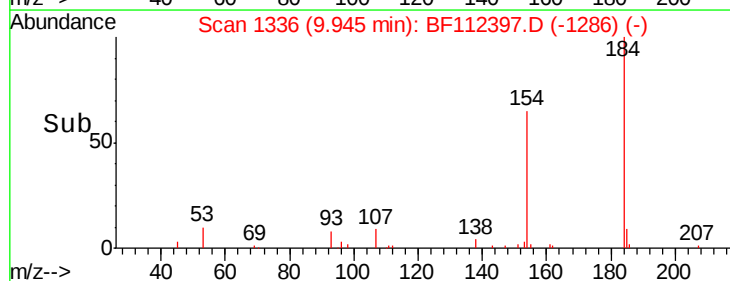
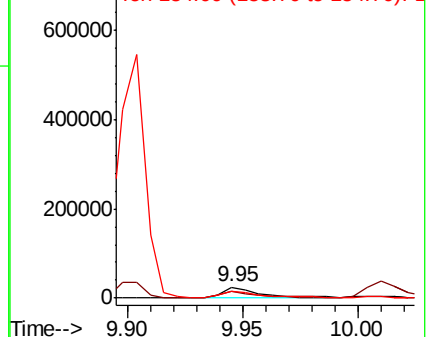
154 64.7 48.9 73.3

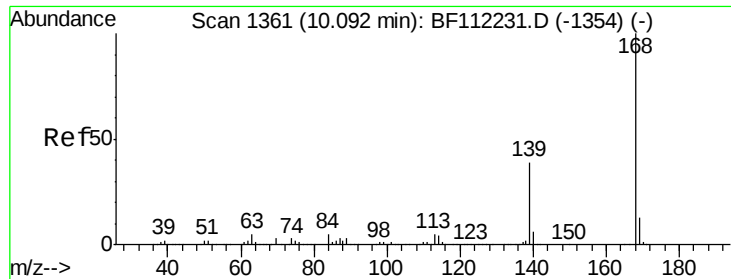


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 22.519 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

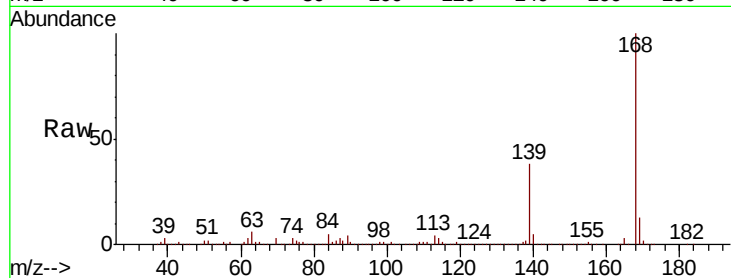
Tot Ion:168 Resp: 664315

Ion Ratio Lower Upper

168 100

139 37.8 29.2 43.8

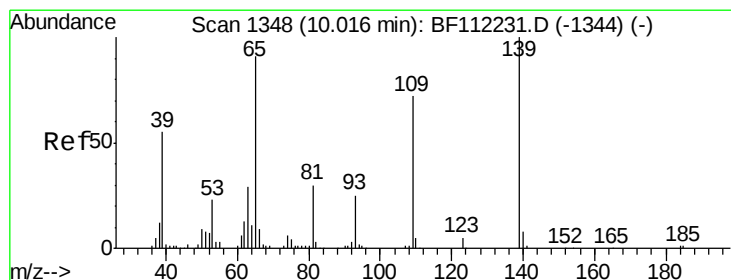
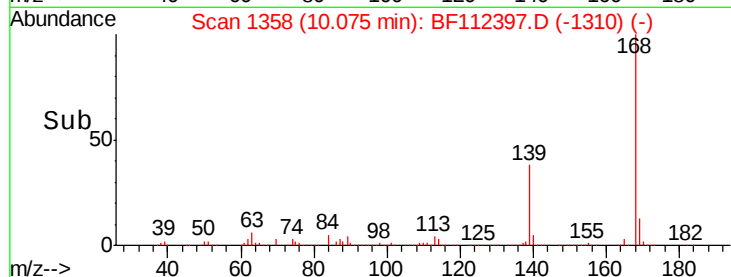
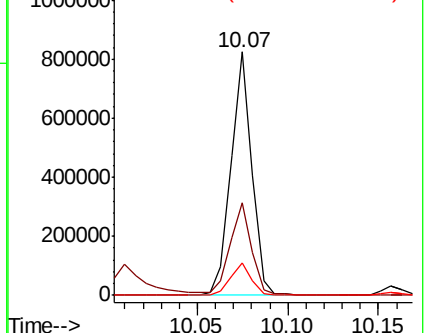
169 13.3 11.4 17.0



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: 38.284 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

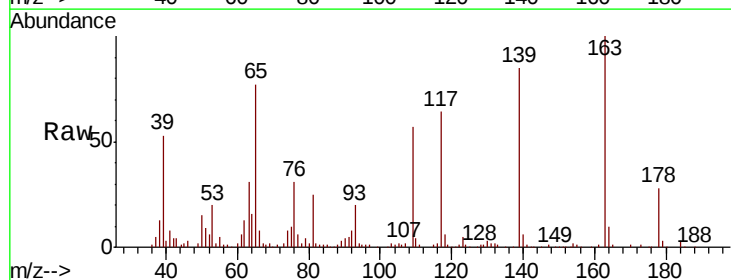
Tgt Ion:139 Resp: 124092

Ion Ratio Lower Upper

139 100

109 67.6 42.8 82.8

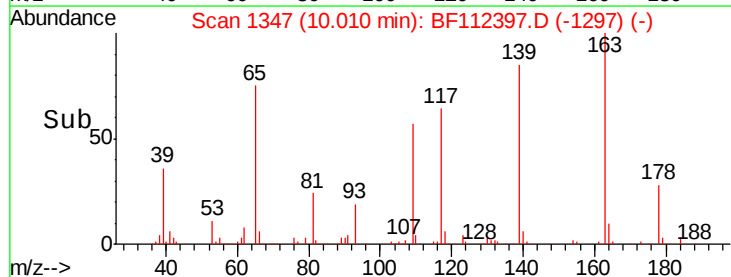
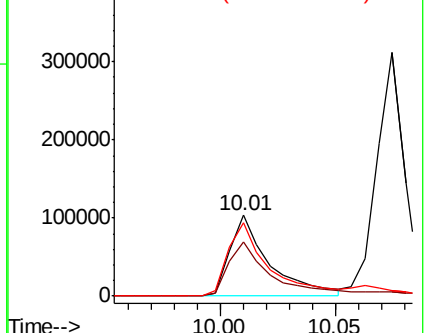
65 90.9 66.1 106.1

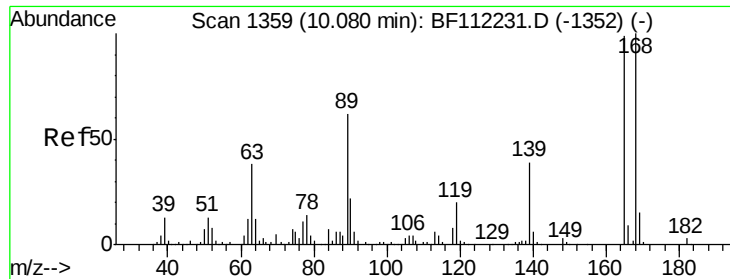


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

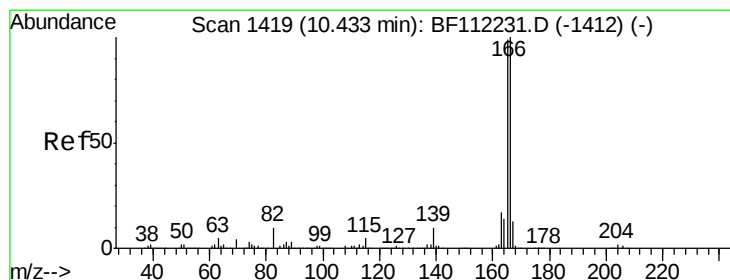
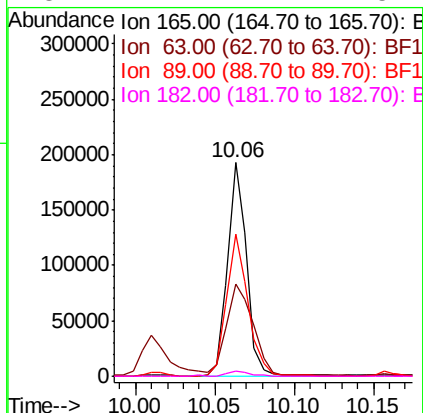
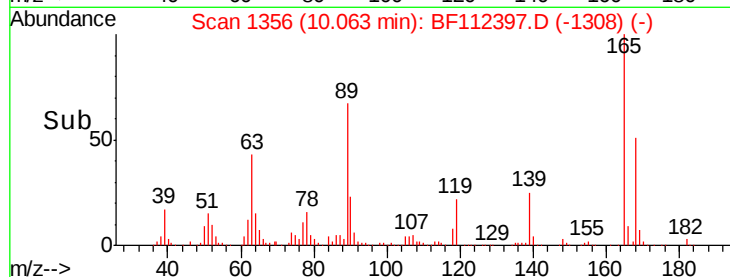
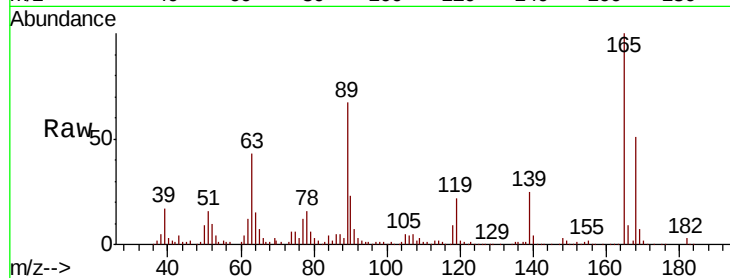




#57
2,4-Dinitrotoluene
Concen: 22.137 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

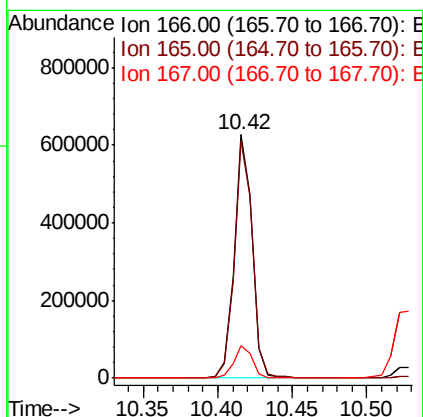
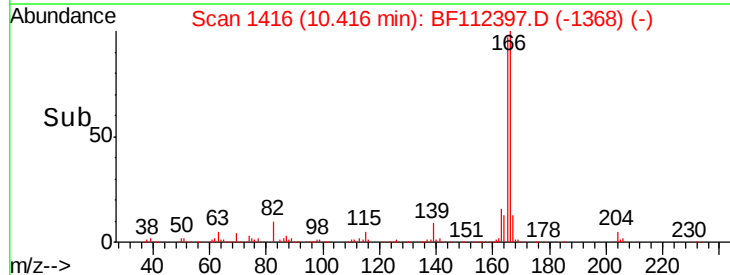
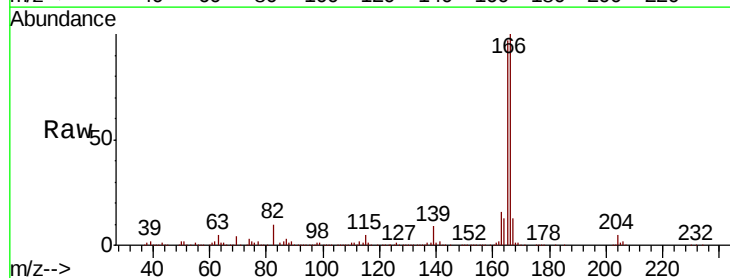
Instrument :
BNA_F
ClientSampleId :

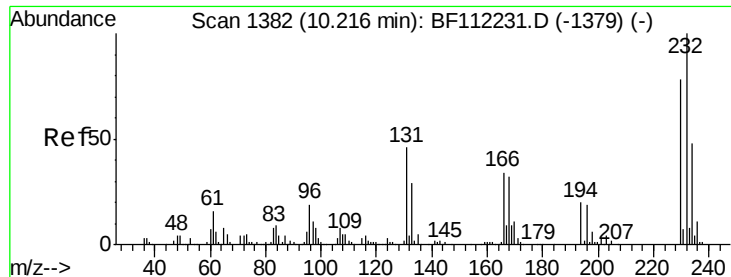
Tot Ion:165 Resp: 159483
Ion Ratio Lower Upper
165 100
63 42.9 27.9 41.9#
89 66.6 47.9 71.9
182 2.7 2.2 3.4



#58
Fluorene
Concen: 24.033 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:166 Resp: 530556
Ion Ratio Lower Upper
166 100
165 97.2 77.1 115.7
167 13.3 11.3 16.9

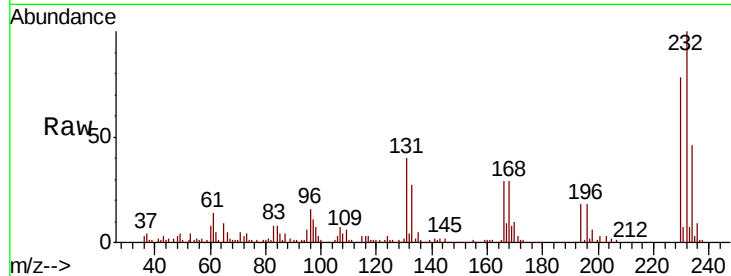




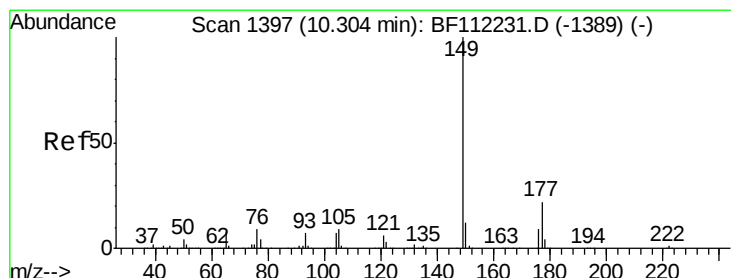
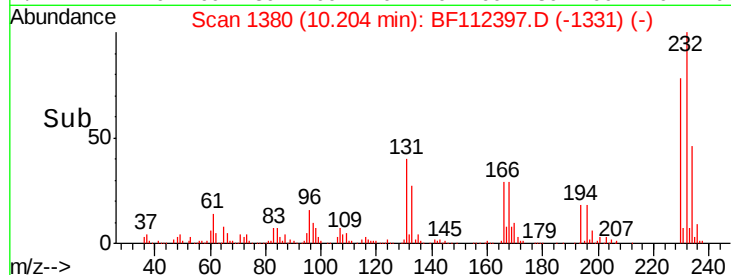
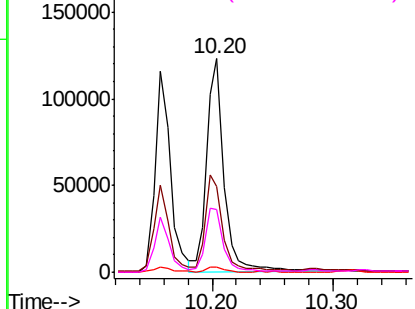
#59
2,3,4,6-Tetrachlorophenol
Concen: 23.523 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	33.9	50.9
130	2.5	1.8	2.6
166	30.5	23.6	35.4

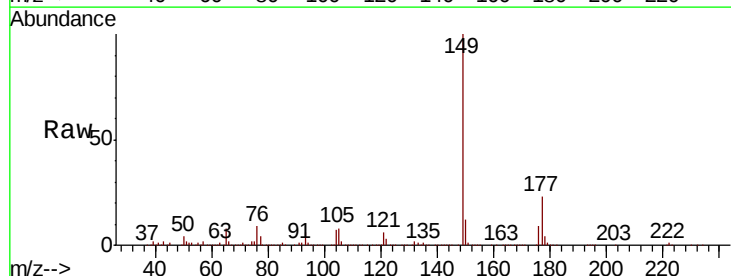


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

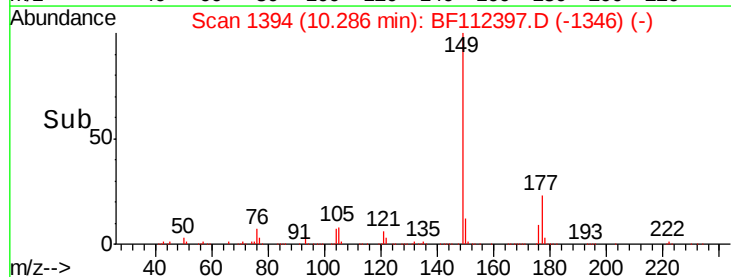
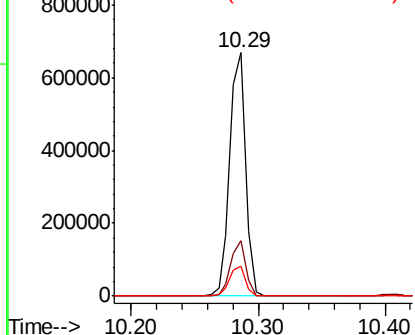


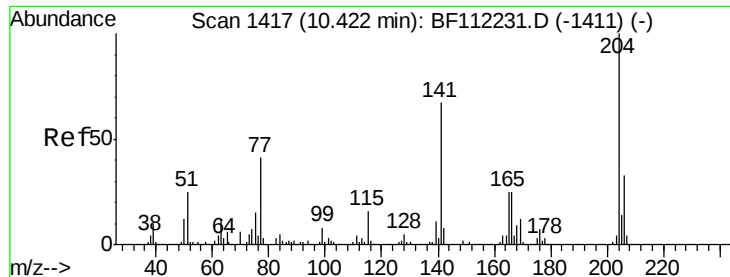
#60
Diethylphthalate
Concen: 23.158 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.4	10.4	15.6



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

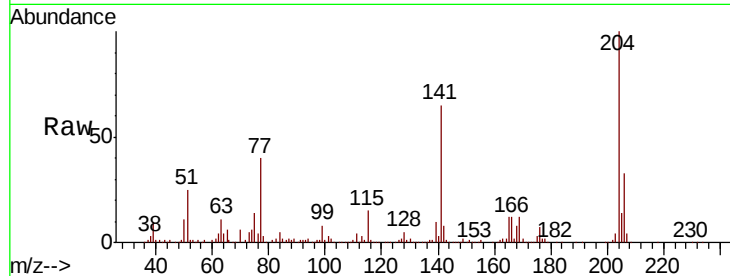




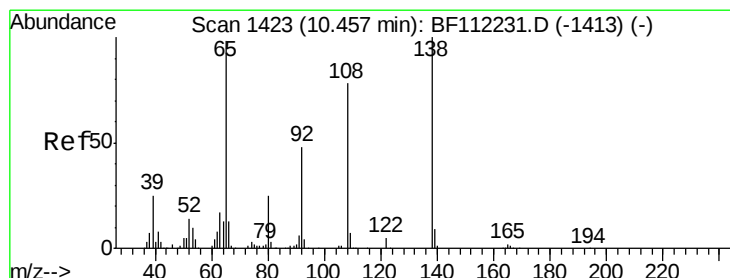
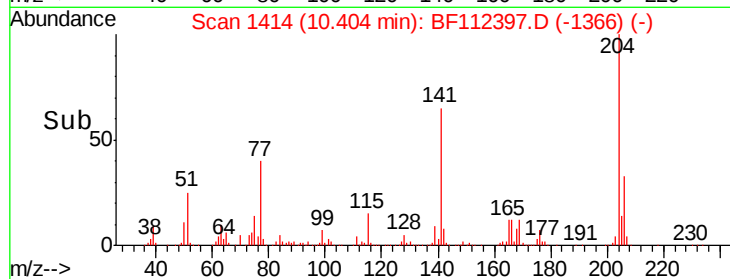
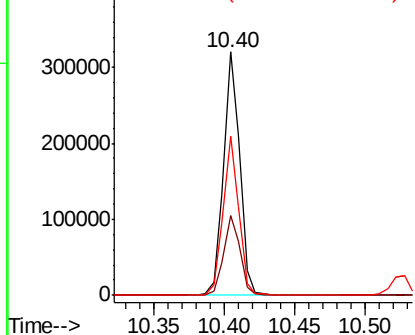
#61
4-Chlorophenyl-phenylether
Concen: 21.261 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 255322
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 65.1 45.9 68.9

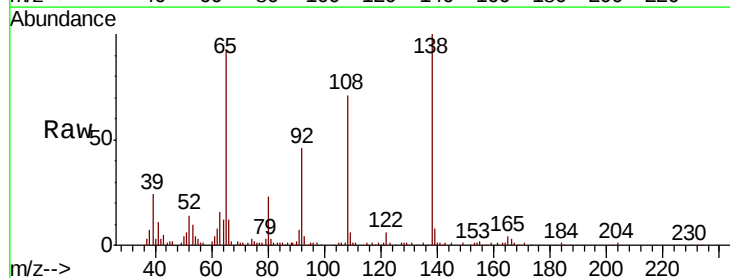


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

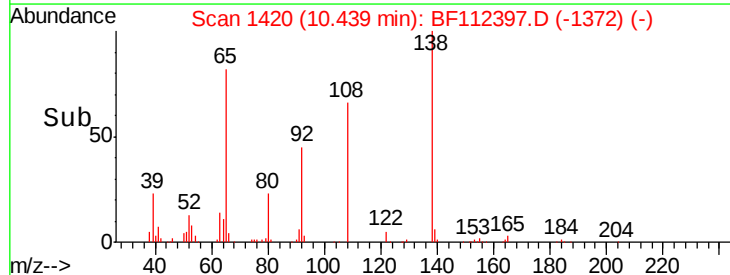
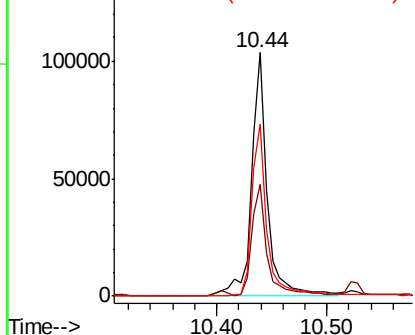


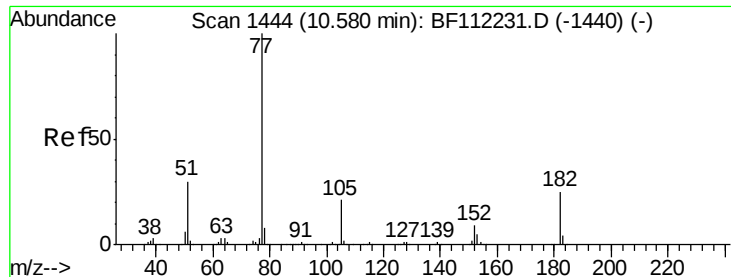
#62
4-Nitroaniline
Concen: 17.497 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:138 Resp: 105220
Ion Ratio Lower Upper
138 100
92 45.7 30.6 70.6
108 70.8 50.0 90.0



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

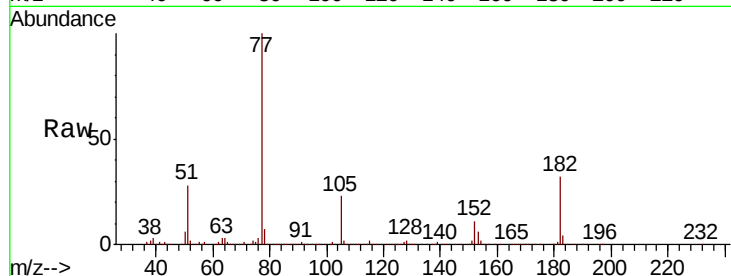




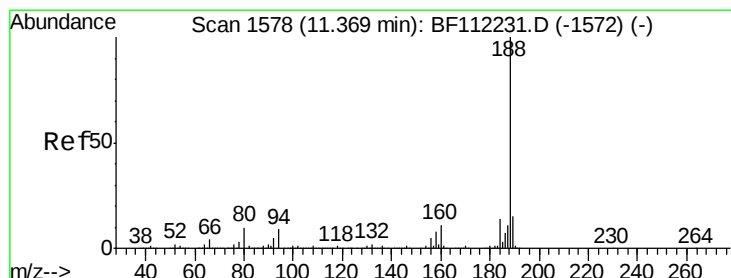
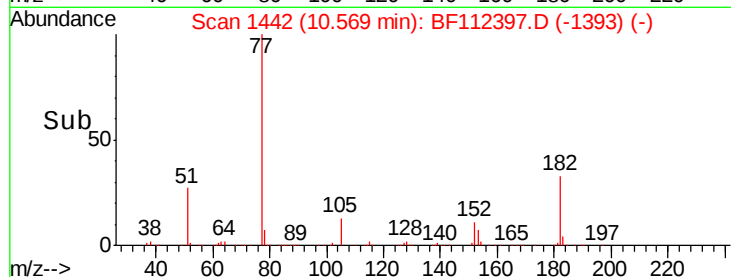
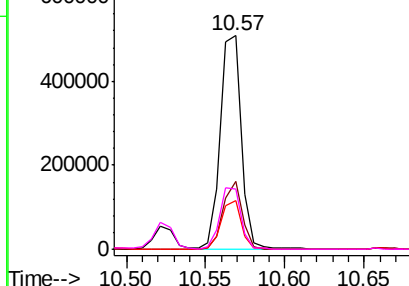
#63
Azobenzene
Concen: 21.019 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	5.7	45.7
105	22.6	1.4	41.4
51	27.9	9.5	49.5

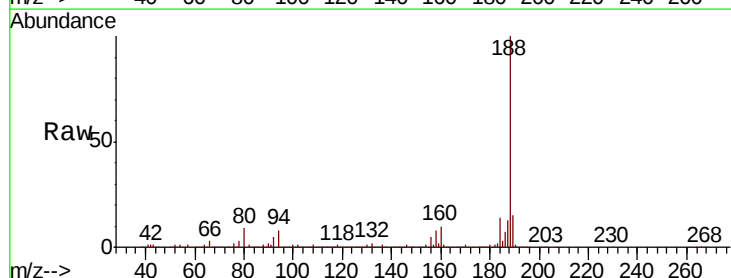


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

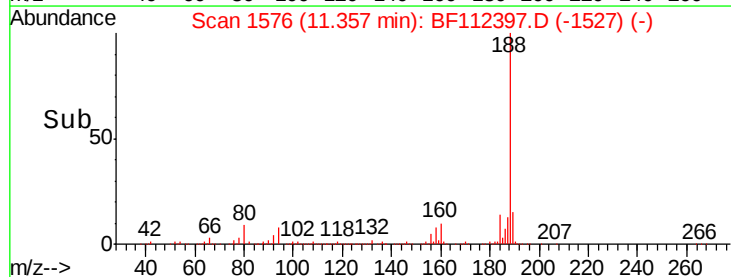
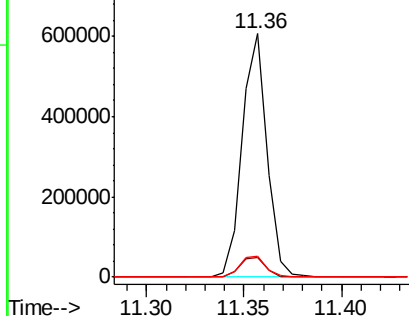


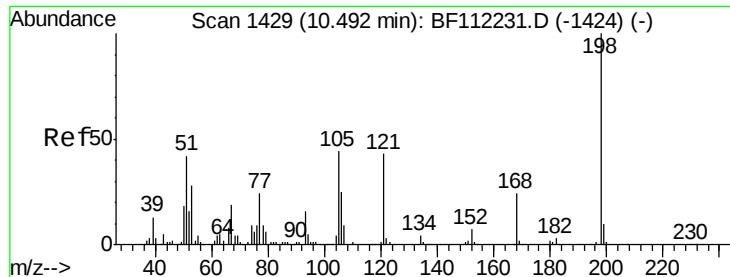
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.7	8.9	13.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 11.365 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

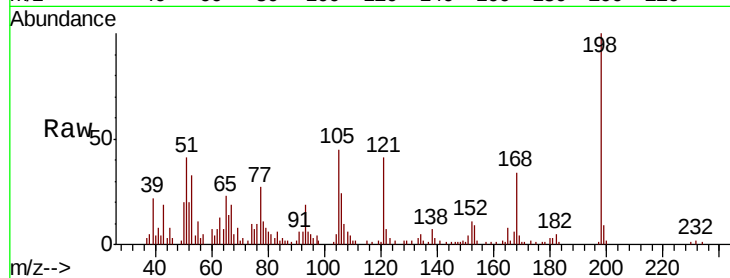
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 34020

Ion	Ratio	Lower	Upper
198	100		
51	40.6	17.2	57.2
105	45.0	21.9	61.9

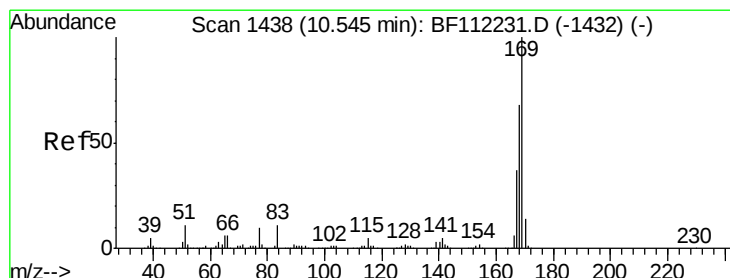
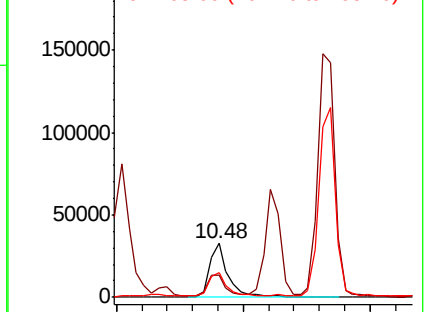
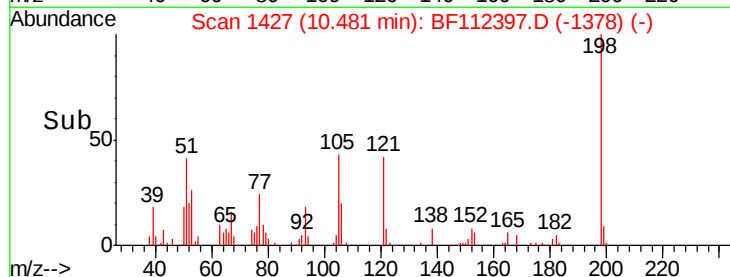


Abundance

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: 25.020 ng

RT: 10.53 min Scan# 1435

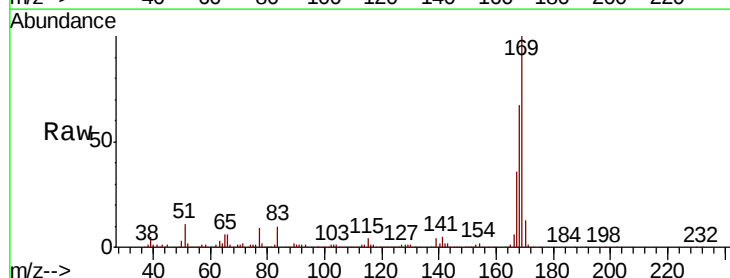
Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Tgt Ion:169 Resp: 450184

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.0	28.9	43.3

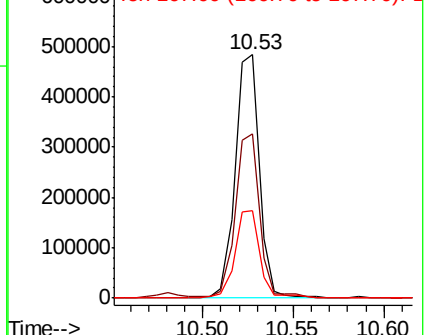
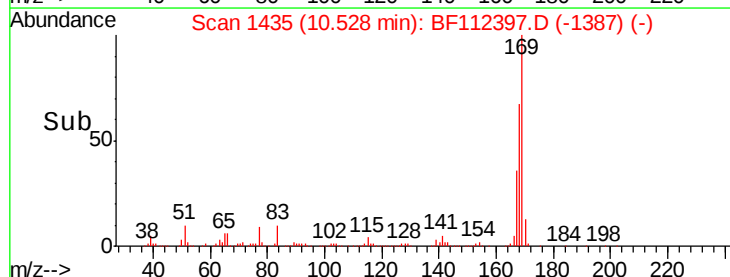


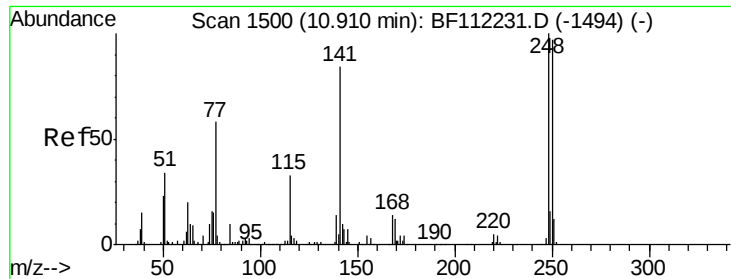
Abundance

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

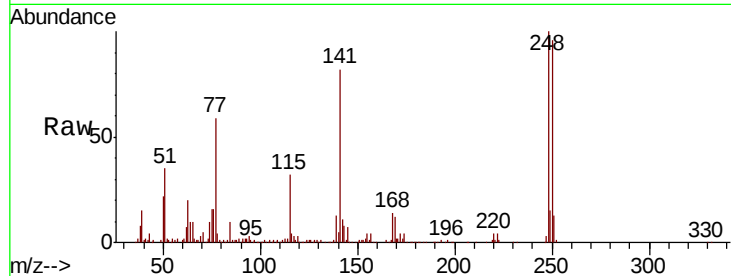




#67
4-Bromophenyl-phenylether
Concen: 23.770 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.7	119.5
141	82.1	60.3	90.5

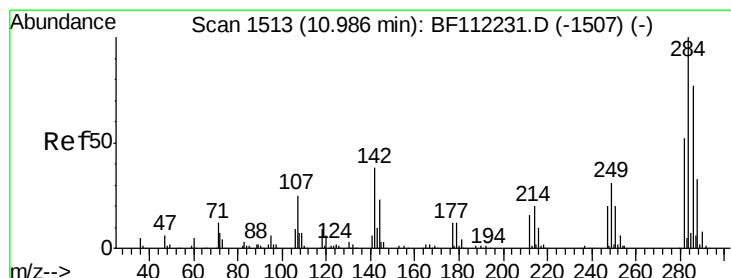
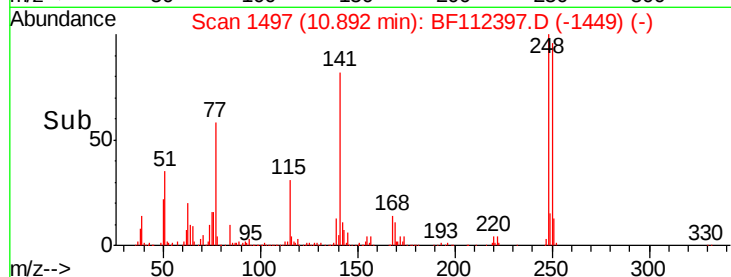
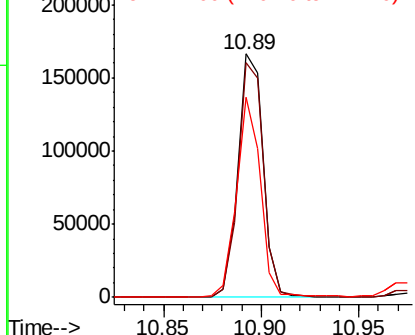


Abundance

Ion 248.00 (247.70 to 248.70): E

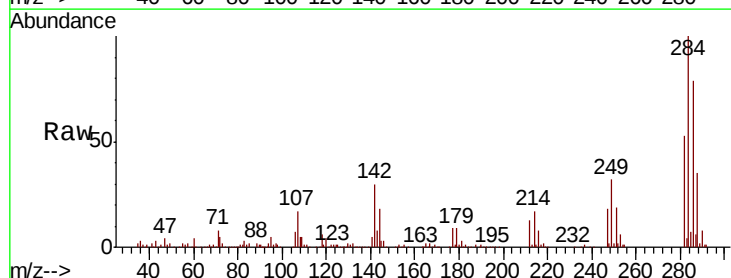
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 22.436 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	27.6	41.4
249	31.8	24.1	36.1

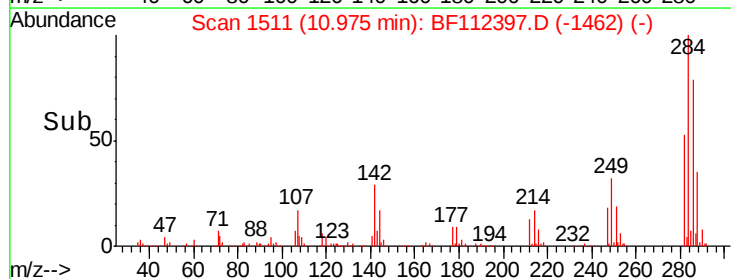
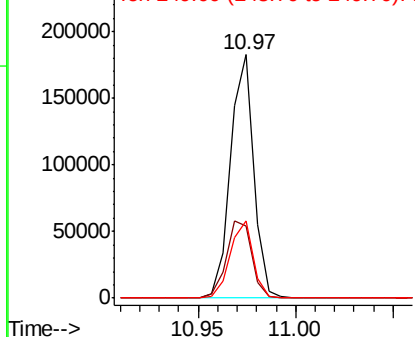


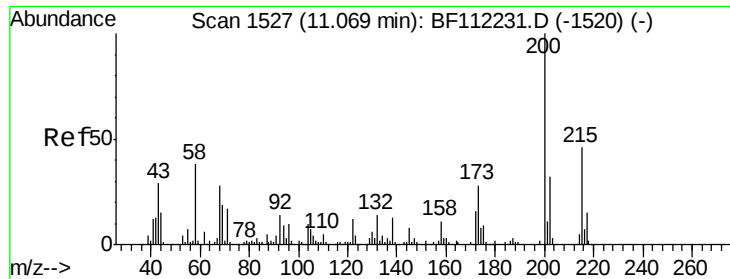
Abundance

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: 23.761 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampled :

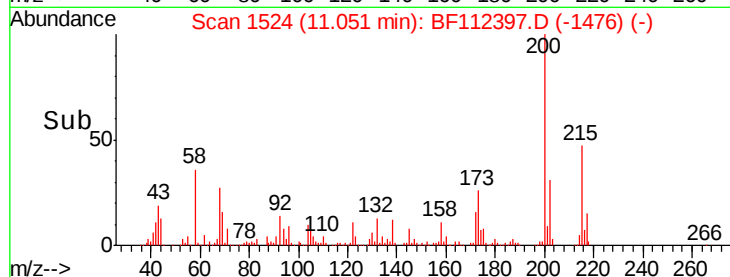
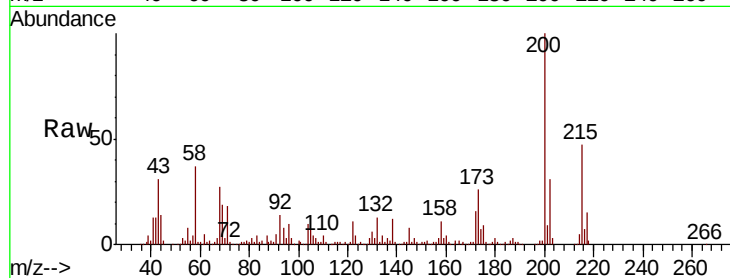
Tot Ion:200 Resp: 137956

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

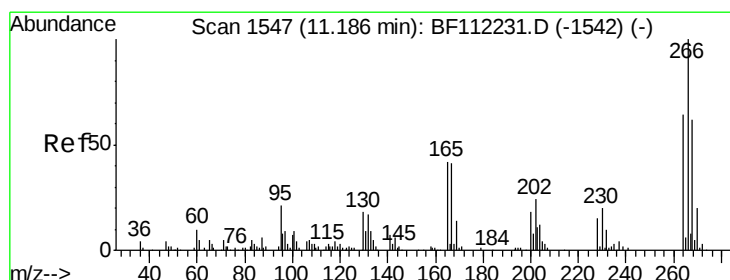
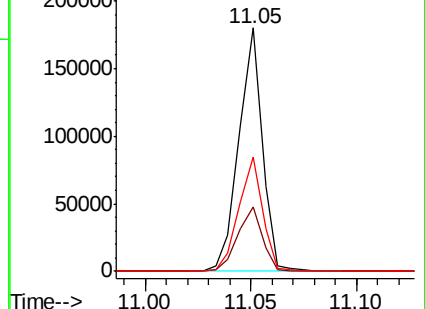
215 47.0 30.4 70.4



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: 38.896 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

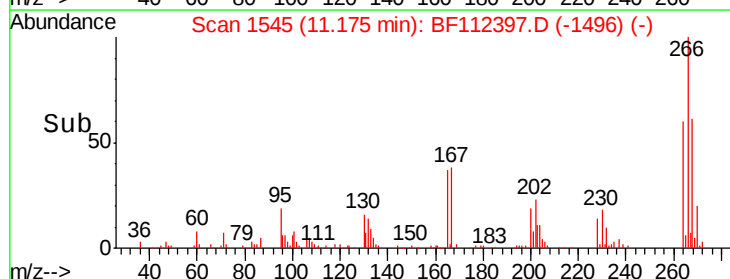
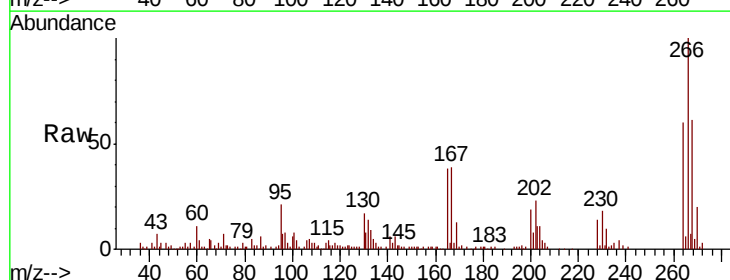
Tgt Ion:266 Resp: 101961

Ion Ratio Lower Upper

266 100

268 61.3 51.2 76.8

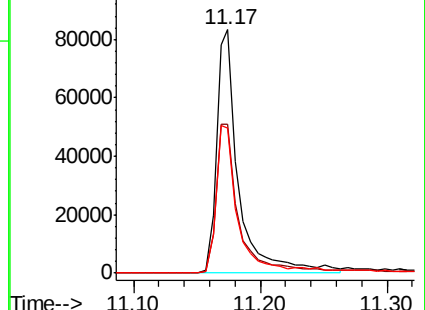
264 59.8 50.9 76.3

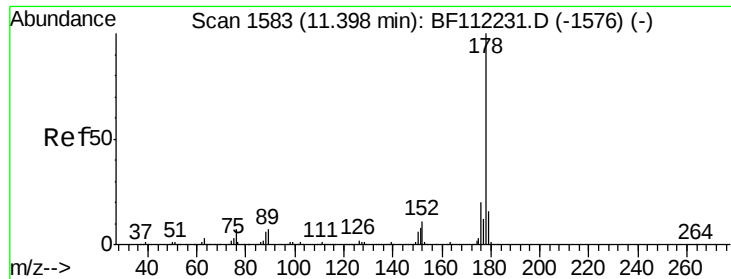


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

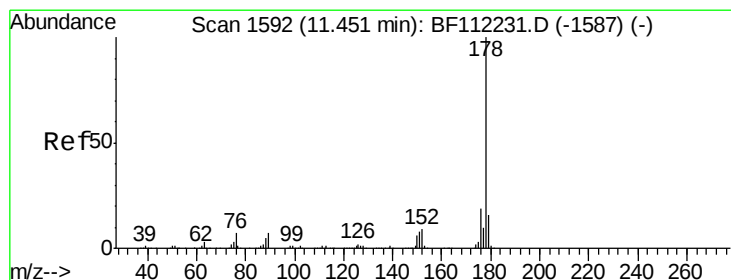
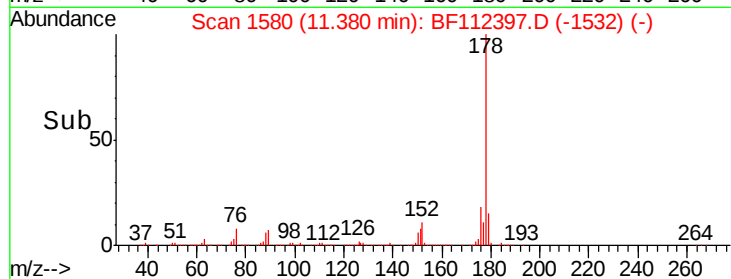
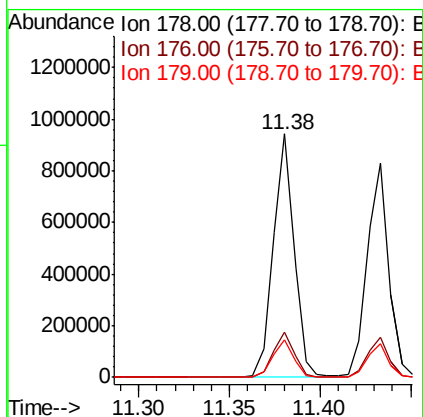
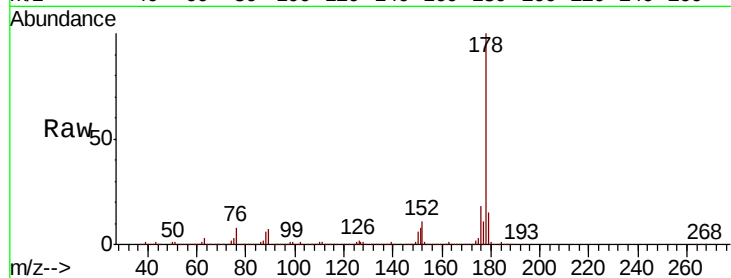




#71
Phenanthrene
Concen: 27.100 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

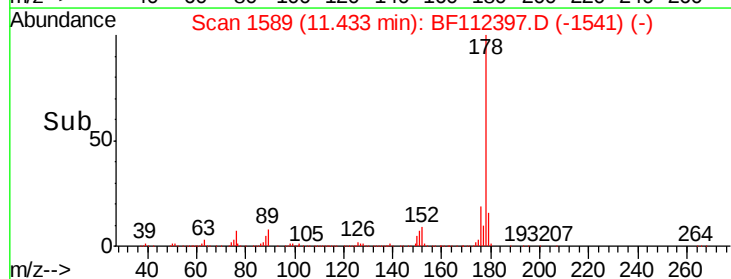
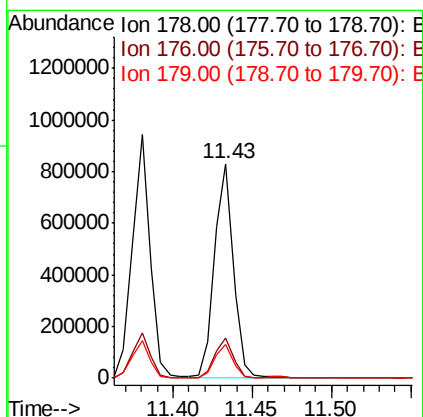
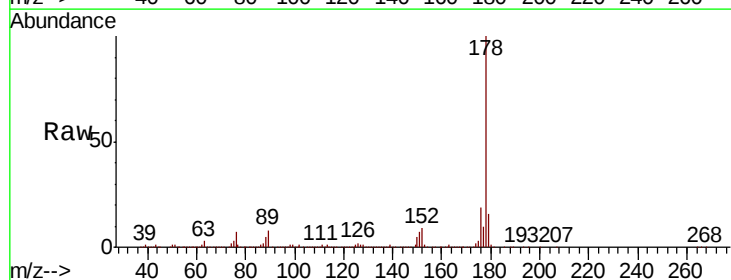
Instrument :
BNA_F
ClientSampleId :

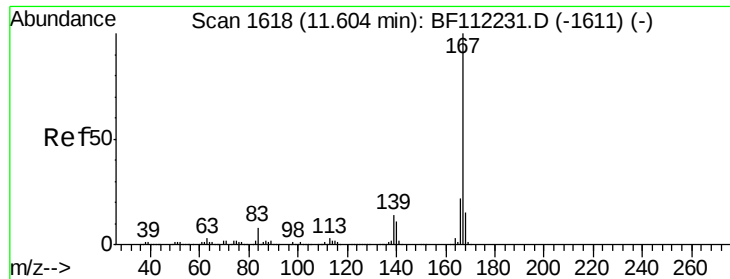
Tot Ion:178 Resp: 752179
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 15.4 13.0 19.4



#72
Anthracene
Concen: 25.129 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion:178 Resp: 694782
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.6 12.8 19.2

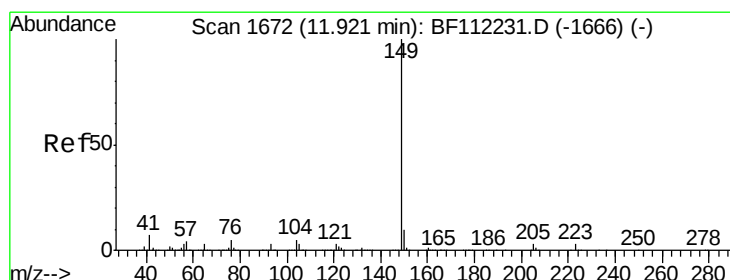
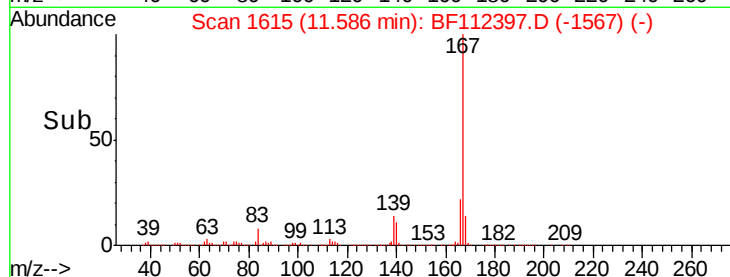
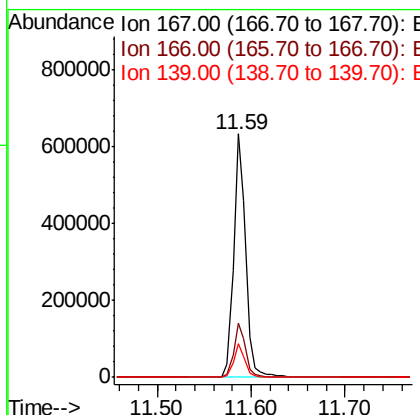
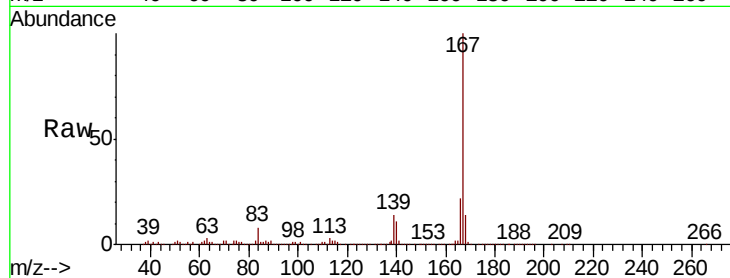




#73
 Carbazole
 Concen: 20.530 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

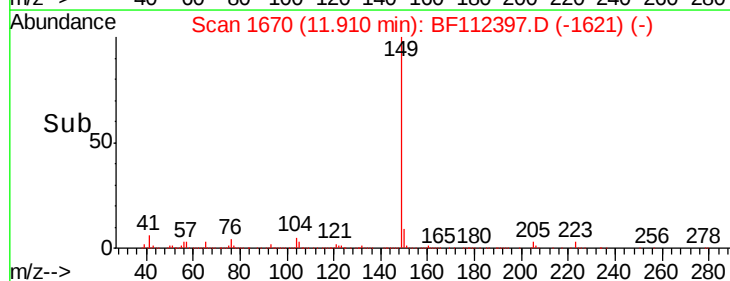
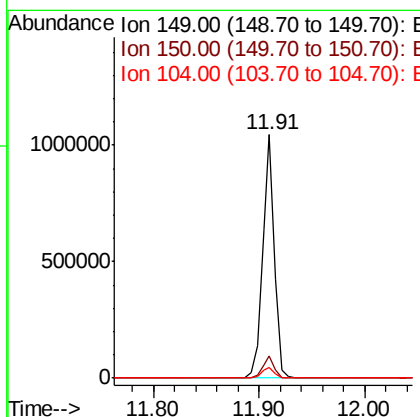
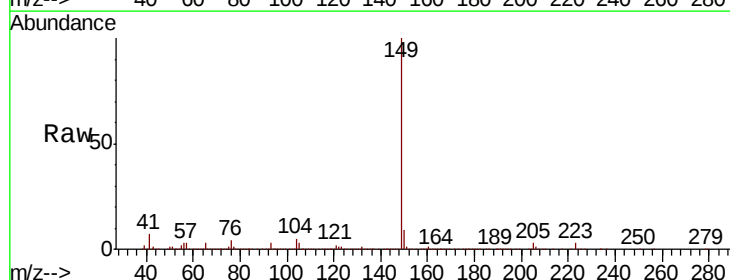
Instrument :
 BNA_F
 ClientSampleId :

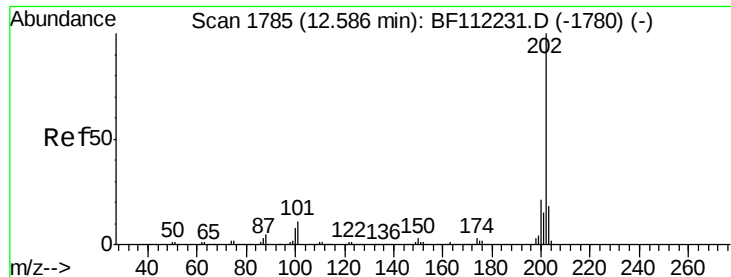
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 24.288 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.5	3.9	5.9





#75

Fluoranthene

Concen: 22.564 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

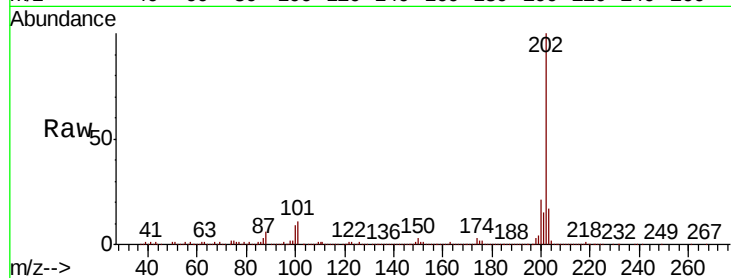
Tot Ion:202 Resp: 671720

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.8

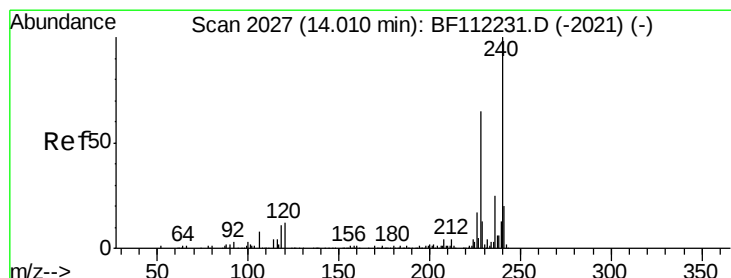
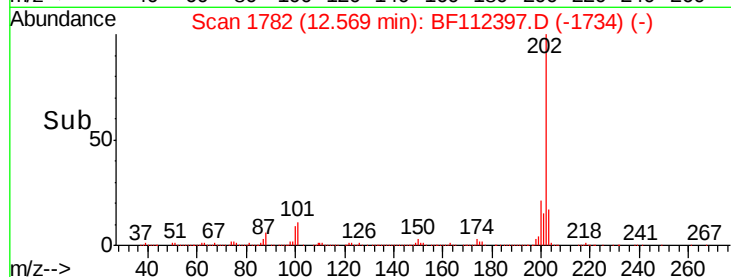
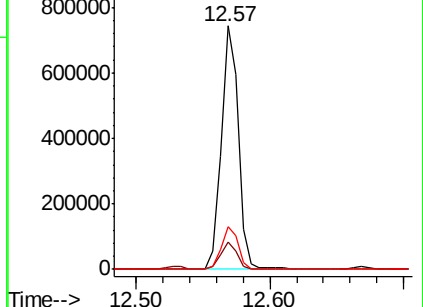
203 17.5 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

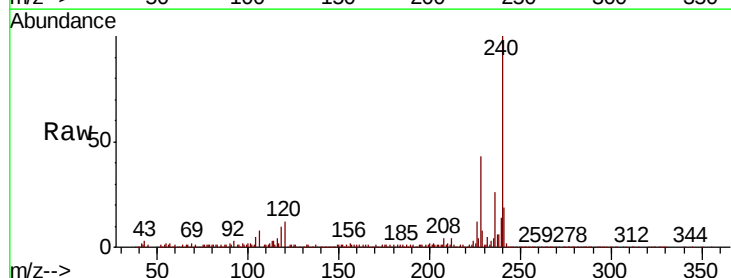
Tgt Ion:240 Resp: 342836

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

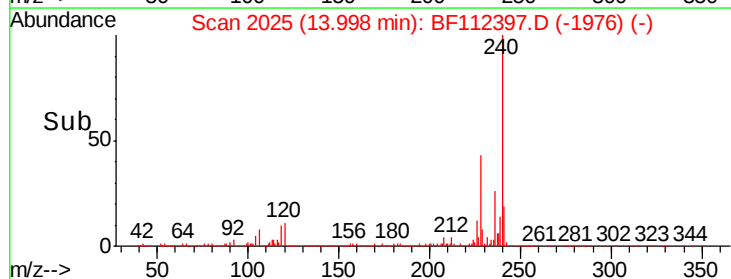
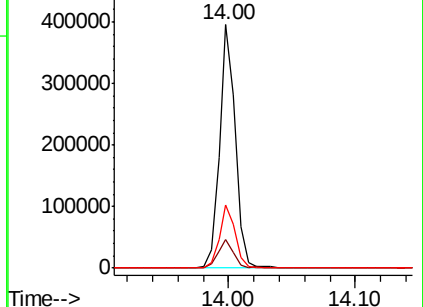
236 25.7 20.7 31.1

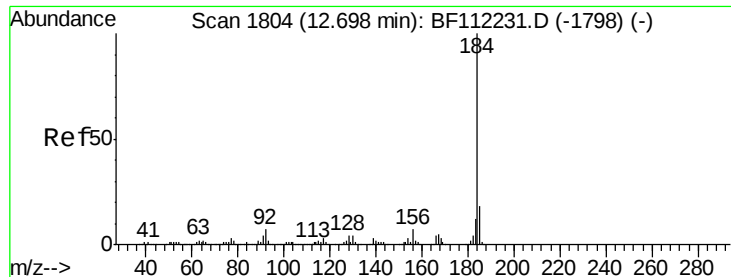


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.900 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

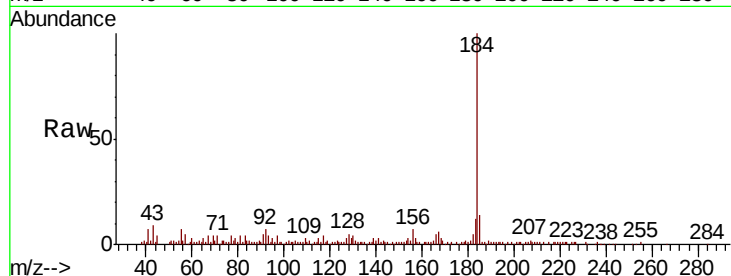
Tot Ion:184 Resp: 102855

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

183 12.5 10.0 15.0

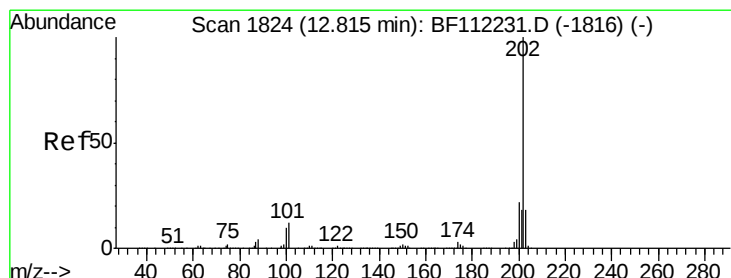
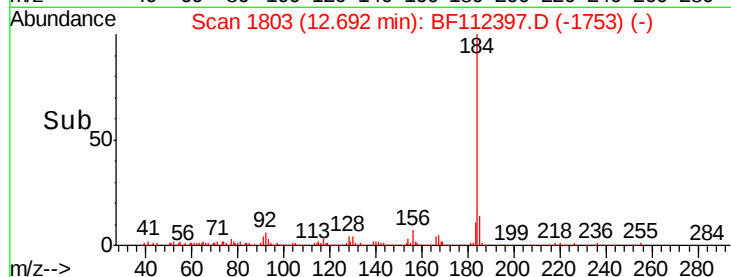
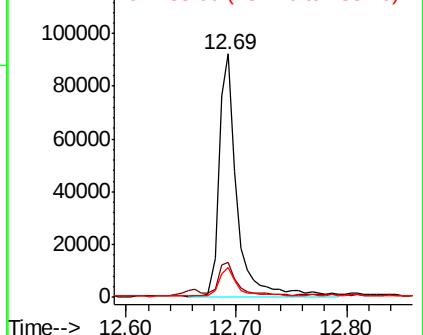


Abundance

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: 27.944 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

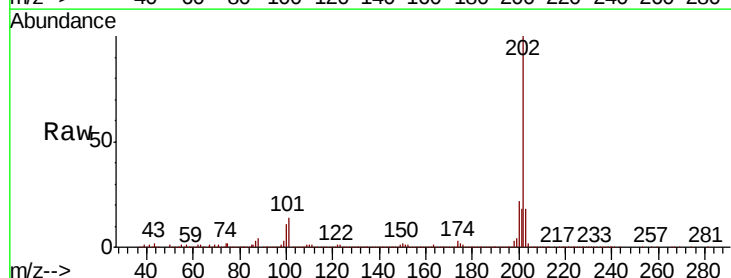
Tgt Ion:202 Resp: 663280

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

203 17.8 14.6 22.0

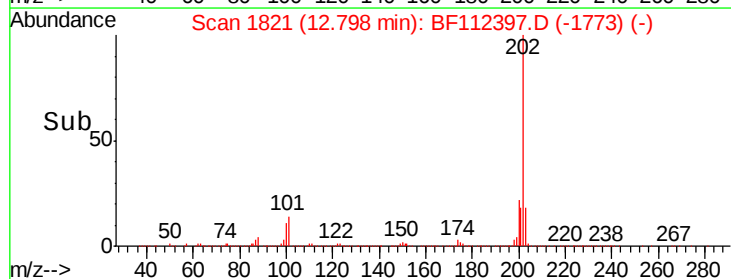
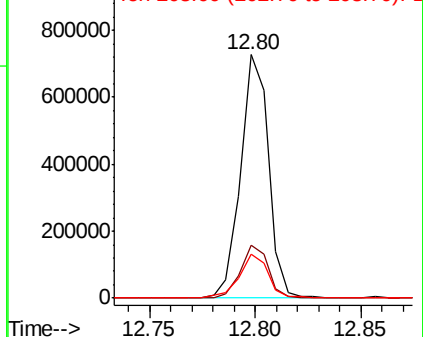


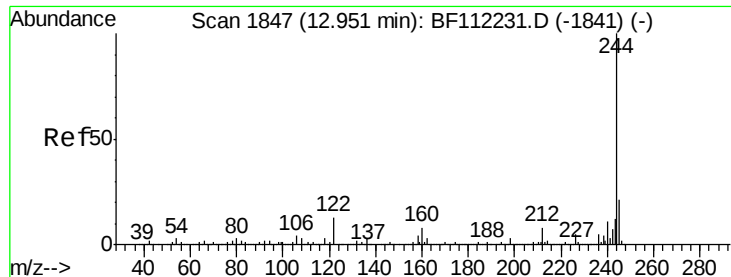
Abundance

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: 49.331 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

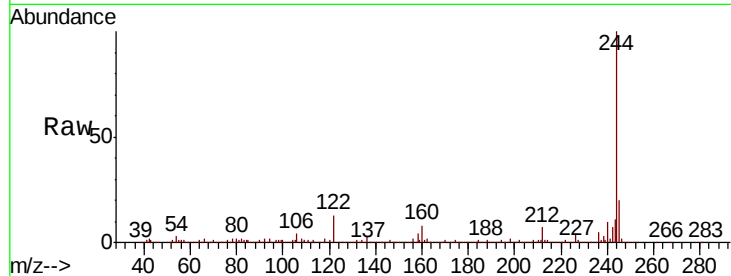
Tot Ion:244 Resp: 897953

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

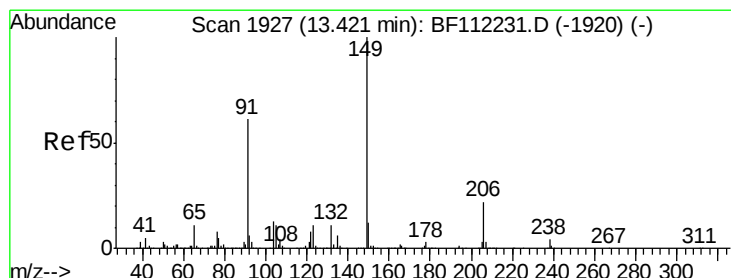
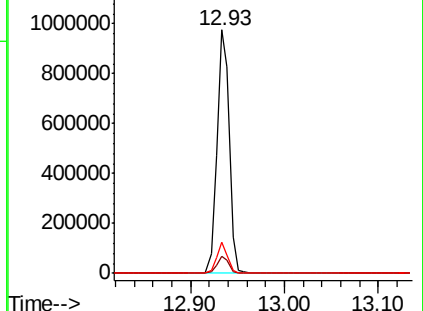
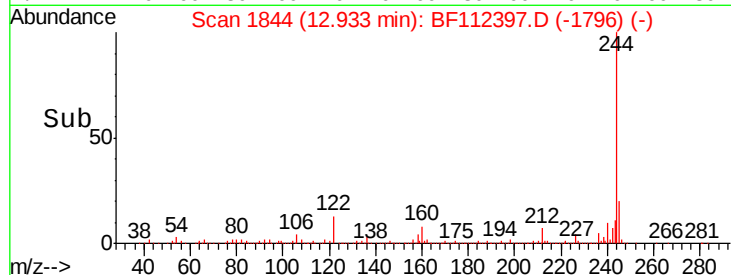
122 12.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 22.243 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

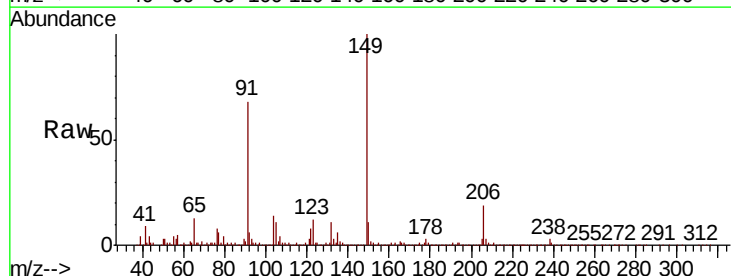
Tgt Ion:149 Resp: 255440

Ion Ratio Lower Upper

149 100

91 67.8 50.3 75.5

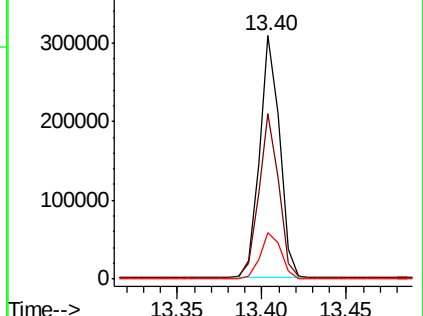
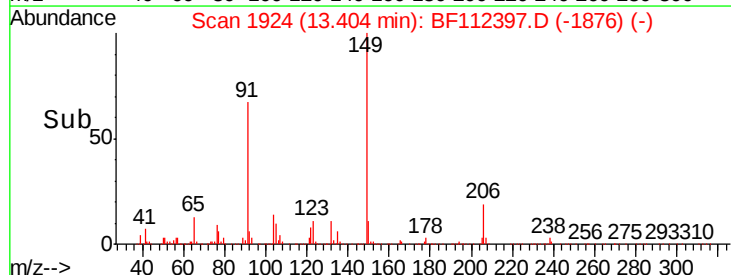
206 19.2 18.2 27.4

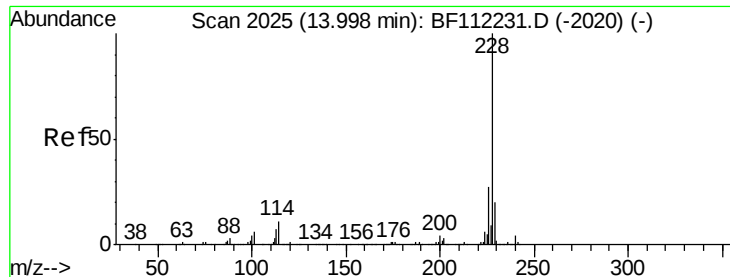


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

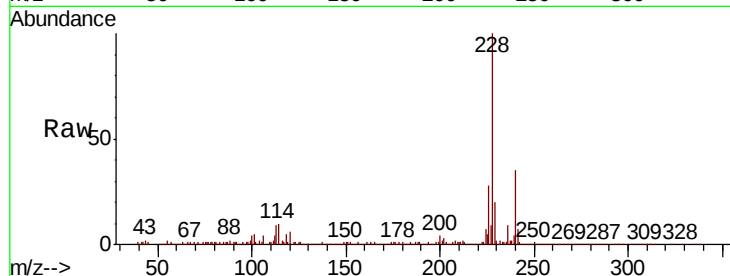




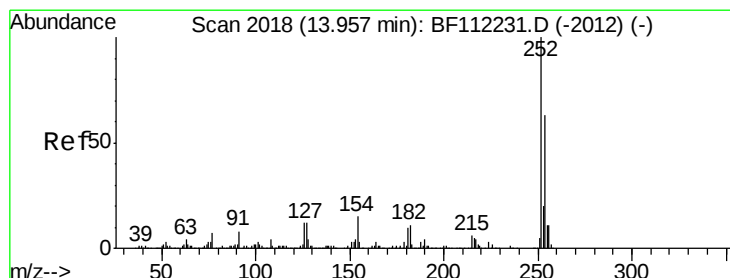
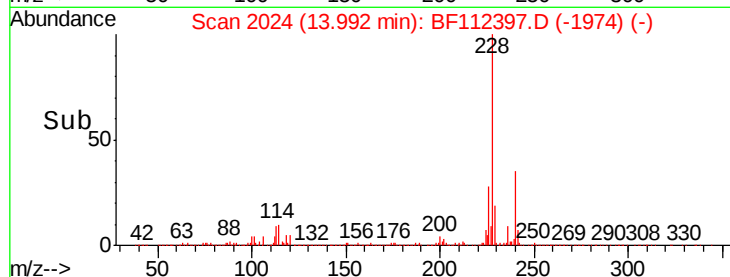
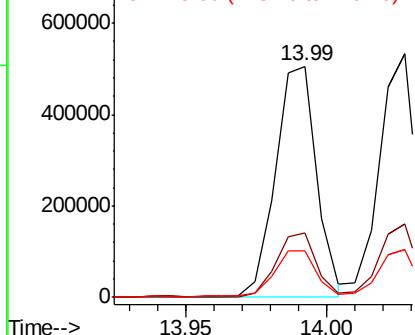
#81
Benzo(a)anthracene
Concen: 25.241 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	19.9	16.5	24.7

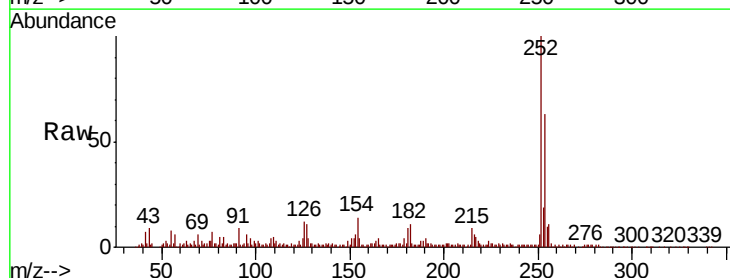


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

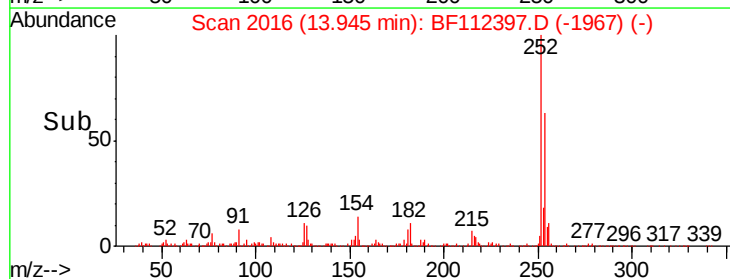
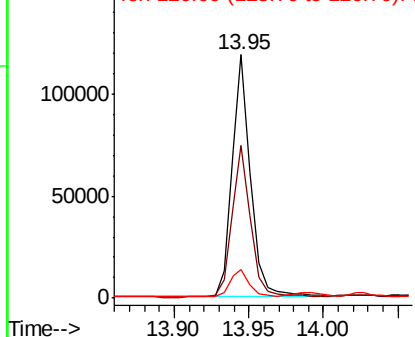


#82
3,3'-Dichlorobenzidine
Concen: 13.877 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.6	77.4
126	11.8	8.6	12.8



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

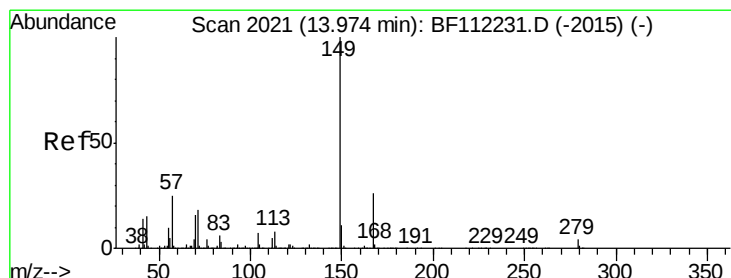
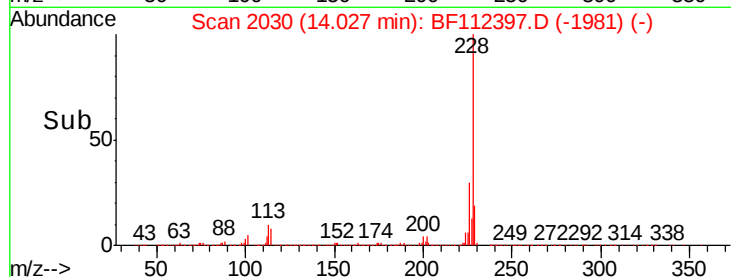
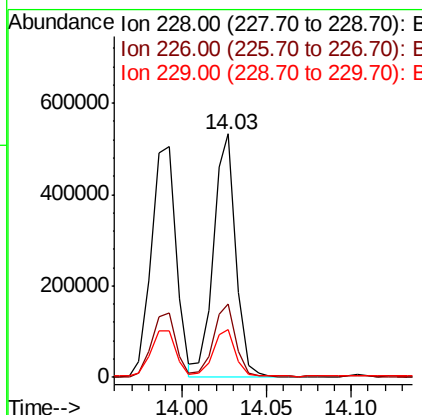
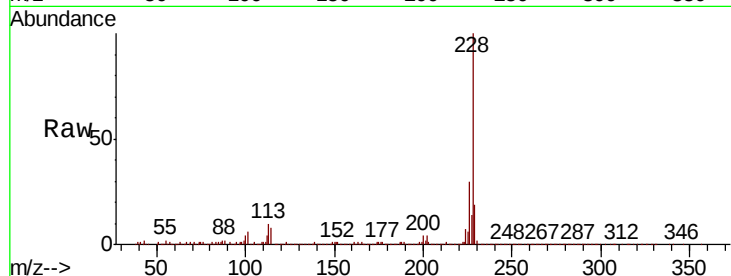




#83
 Chrvsene
 Concen: 25.401 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

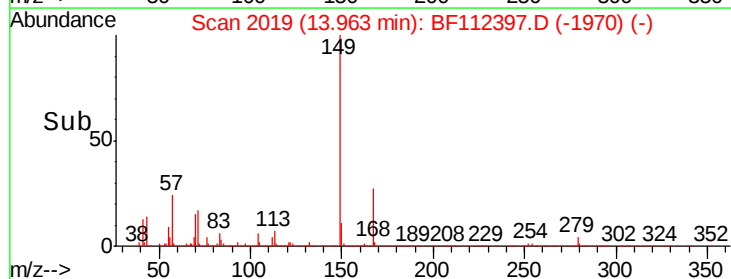
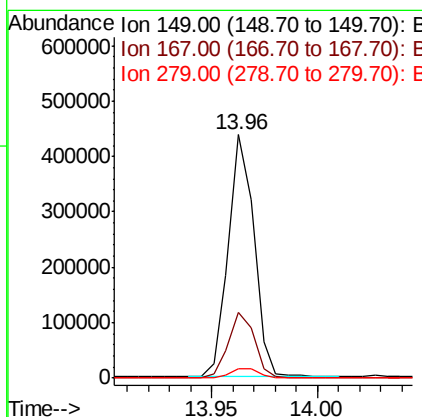
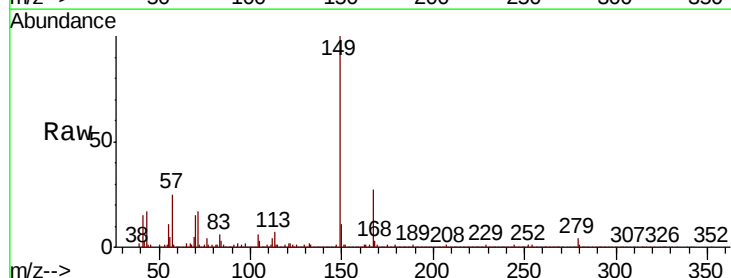
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.479 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF112397.D
 Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	3.9	3.8	5.6

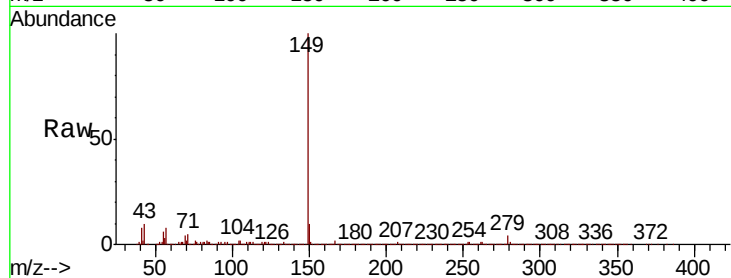




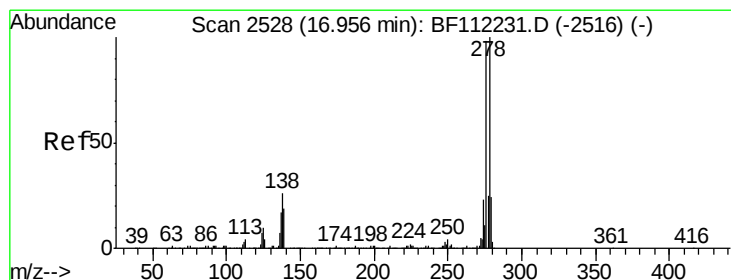
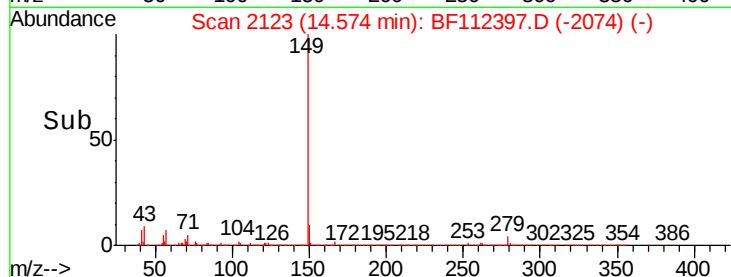
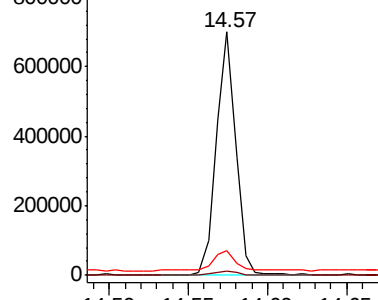
#85
Di-n-octyl phthalate
Concen: 23.252 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.8	11.6

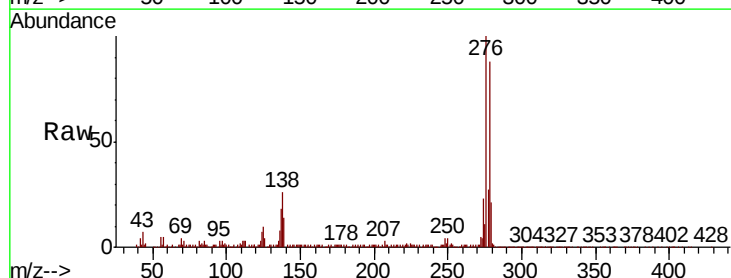


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

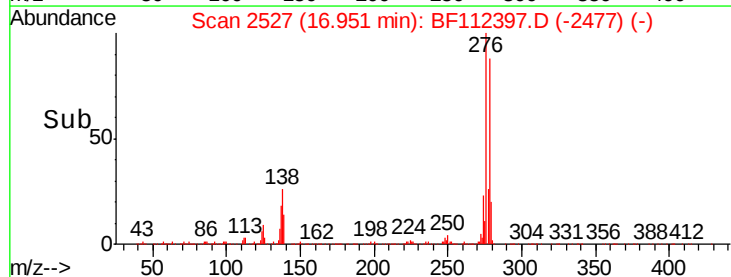
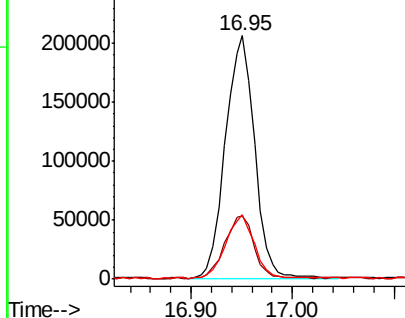


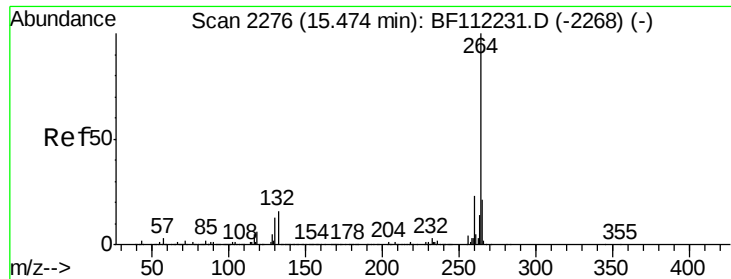
#86
Indeno(1,2,3-cd)pyrene
Concen: 26.905 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	22.6	34.0
277	25.6	20.3	30.5



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

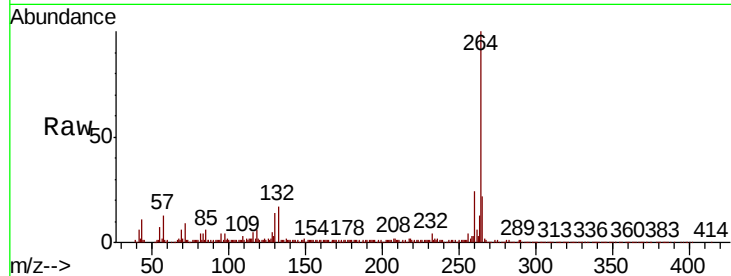
Tot Ion:264 Resp: 322196

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

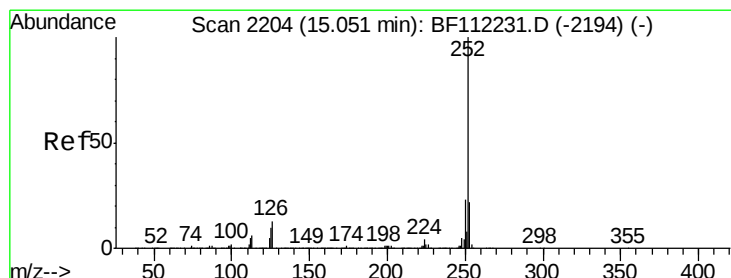
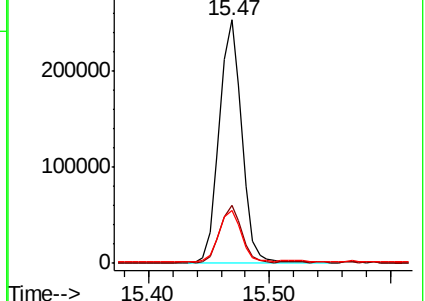
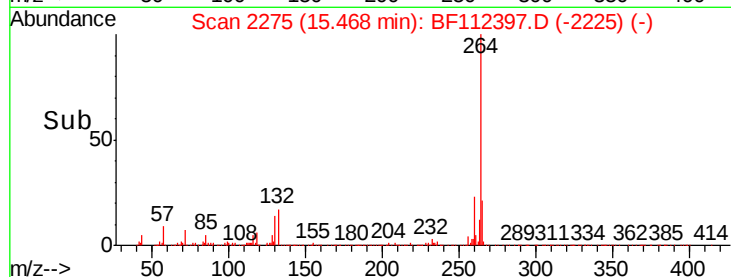
265 21.8 17.0 25.4



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: 27.200 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

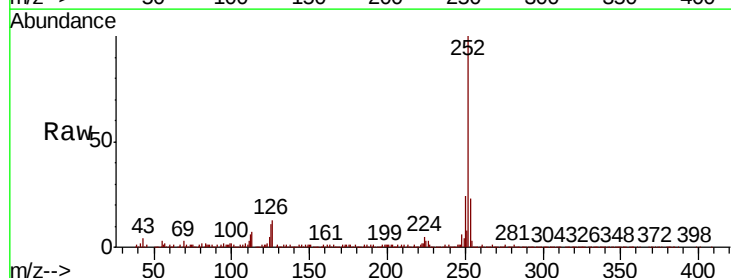
Tgt Ion:252 Resp: 524111

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

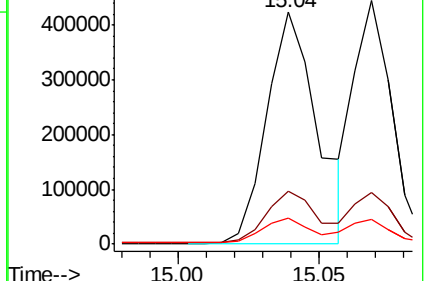
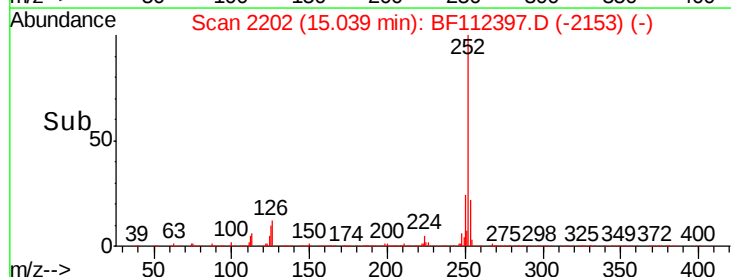
125 11.1 8.7 13.1

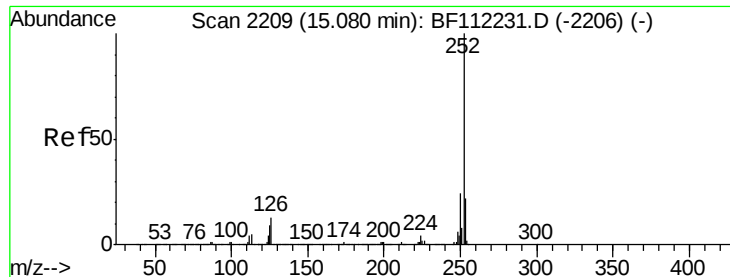


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 22.432 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

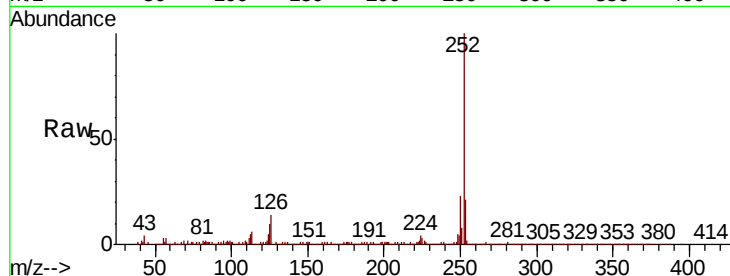
Tot Ion:252 Resp: 414029

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

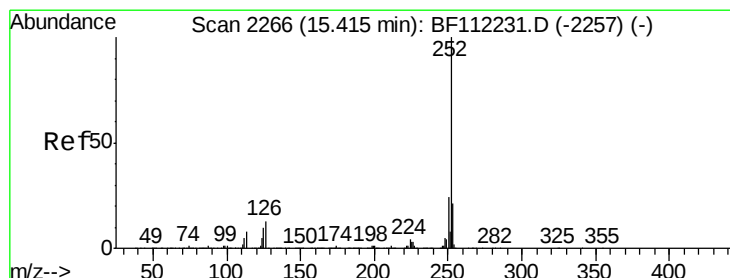
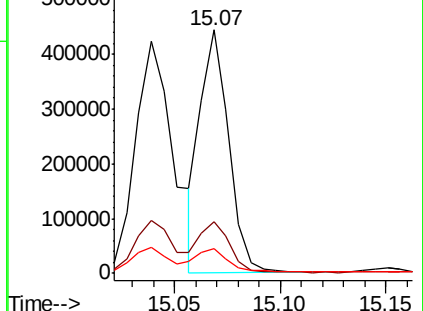
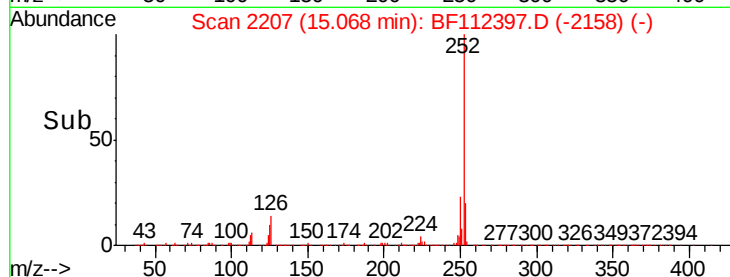
125 10.2 9.1 13.7



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: 25.956 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112397.D

Acq: 5 Feb 2019 15:54

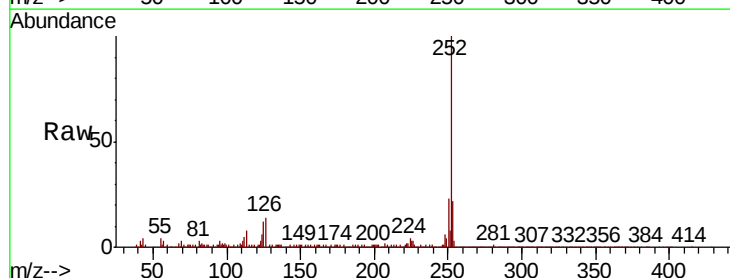
Tgt Ion:252 Resp: 450021

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

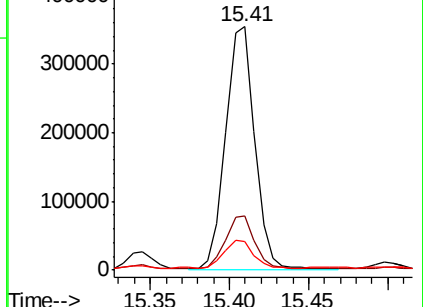
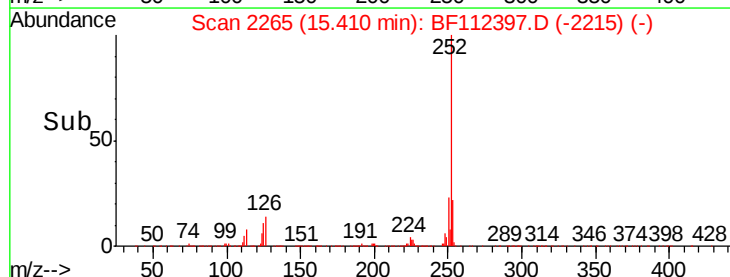
125 11.6 9.0 13.4

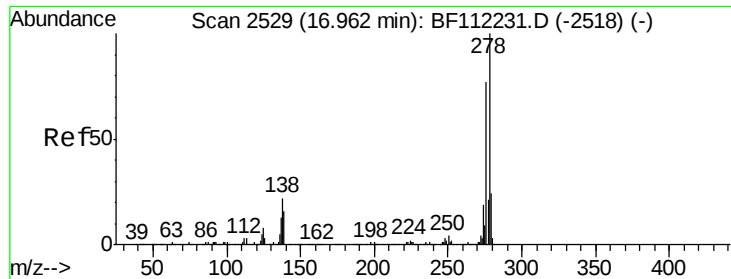


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

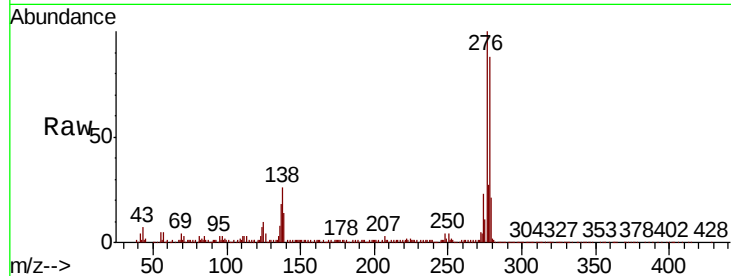




#91
Dibenzo(a,h)anthracene
Concen: 23.799 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.7	20.5
279	23.5	19.0	28.6

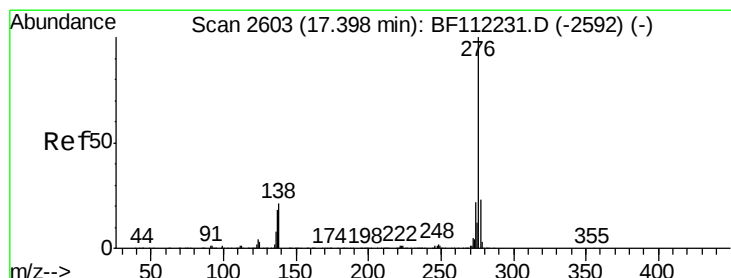
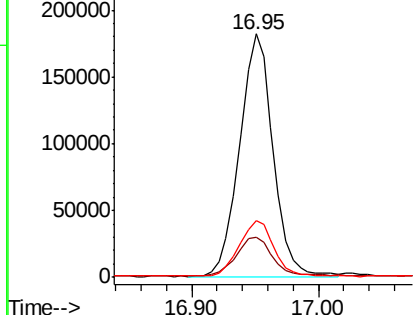
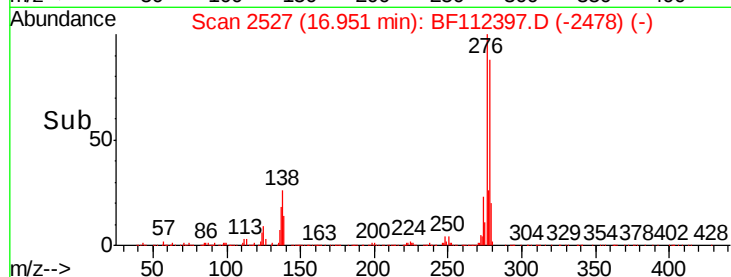


Abundance

Ion 278.00 (277.70 to 278.70): E

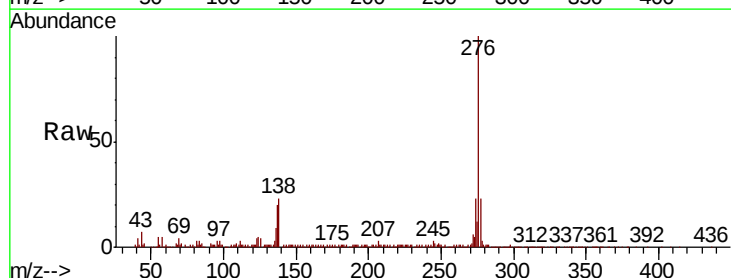
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 24.846 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112397.D
Acq: 5 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	23.1	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

