

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112636.D
 Acq On : 20 Feb 2019 12:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 17:00:53 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	6.82	152	107784	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	423241	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	218541	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	426157	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	306263	20.00	ng	-0.01
87) Perylene-d12	15.47	264	226483	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	490909	96.74	ng	-0.02
7) Phenol-d6	6.48	99	602970	85.51	ng	-0.01
23) Nitrobenzene-d5	7.39	82	595915	81.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	214106	84.17	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1237365	80.08	ng	-0.02
79) Terphenyl-d14	12.93	244	1407014	86.53	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	96005	47.493	ng	93
3) Pyridine	3.31	79	215173	41.846	ng	98
4) n-Nitrosodimethylamine	3.27	42	104468	48.357	ng	# 81
6) Aniline	6.49	93	354824	42.302	ng	# 70
8) 2-Chlorophenol	6.62	128	282724	41.416	ng	97
9) Benzaldehyde	6.38	77	143613	38.967	ng	97
10) Phenol	6.49	94	324200	41.908	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	252855	41.517	ng	99
12) 1,3-Dichlorobenzene	6.76	146	320295	40.289	ng	98
13) 1,4-Dichlorobenzene	6.84	146	329540	40.277	ng	97
14) 1,2-Dichlorobenzene	6.99	146	311091	40.610	ng	94
15) Benzyl Alcohol	6.97	79	241551	40.638	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	301071	38.501	ng	# 18
17) 2-Methylphenol	7.09	107	211857	39.150	ng	# 86
18) Hexachloroethane	7.33	117	119338	41.536	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	206494	42.470	ng	97
20) 3+4-Methylphenols	7.25	107	292654	42.291	ng	# 65
22) Acetophenone	7.24	105	423499	41.093	ng	# 95
24) Nitrobenzene	7.41	77	294369	40.127	ng	99
25) Isophorone	7.65	82	477056	41.399	ng	98
26) 2-Nitrophenol	7.73	139	162001	41.322	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	213482	39.523	ng	88
28) bis(2-Chloroethoxy)methane	7.85	93	320507	40.848	ng	98
29) 2,4-Dichlorophenol	7.98	162	247106	40.881	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	276342	39.773	ng	99
31) Naphthalene	8.13	128	787104	39.768	ng	99
32) Benzoic acid	7.93	122	126151	40.944	ng	93
33) 4-Chloroaniline	8.18	127	349779	40.586	ng	96
34) Hexachlorobutadiene	8.24	225	165231	40.525	ng	100
35) Caprolactam	8.57	113	65463	30.700	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	269929	42.184	ng	95
37) 2-Methylnaphthalene	8.82	142	549882	40.583	ng	97
38) 1-Methylnaphthalene	8.92	142	531035	40.890	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	276876	38.586	ng	98

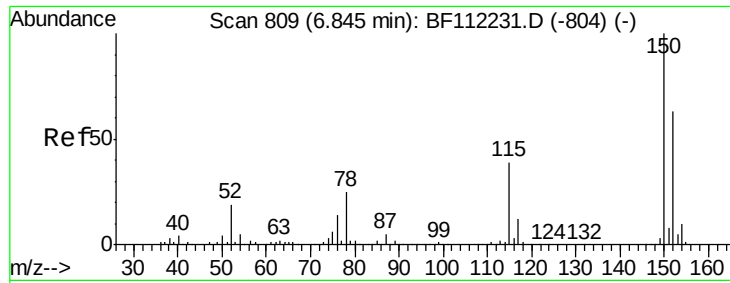
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112636.D
 Acq On : 20 Feb 2019 12:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 17:00:53 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)
41) Hexachlorocyclopentadiene	8.97	237	89642	38.551	ng	95
43) 2,4,6-Trichlorophenol	9.11	196	174095	39.361	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	174083	37.659	ng	96
46) 1,1'-Biphenyl	9.28	154	765705	40.077	ng	99
47) 2-Chloronaphthalene	9.31	162	582267	39.300	ng	95
48) 2-Nitroaniline	9.42	65	169187	41.897	ng	90
49) Acenaphthylene	9.73	152	857862	39.504	ng	98
50) Dimethylphthalate	9.58	163	675439	39.780	ng	99
51) 2,6-Dinitrotoluene	9.66	165	152795	40.180	ng	# 85
52) Acenaphthene	9.90	154	526125	40.558	ng	99
53) 3-Nitroaniline	9.83	138	166811	40.490	ng	97
54) 2,4-Dinitrophenol	9.96	184	51161	41.921	ng	90
55) Dibenzofuran	10.07	168	791264	39.915	ng	94
56) 4-Nitrophenol	10.02	139	81103	37.236	ng	87
57) 2,4-Dinitrotoluene	10.07	165	199702	41.251	ng	# 61
58) Fluorene	10.41	166	613658	41.367	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	143681	41.130	ng	94
60) Diethylphthalate	10.28	149	714334	42.393	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	329876	40.879	ng	92
62) 4-Nitroaniline	10.45	138	153833	38.068	ng	91
63) Azobenzene	10.56	77	625116	42.182	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	89487	37.453	ng	98
66) n-Nitrosodiphenylamine	10.52	169	587070	40.875	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	202948	40.491	ng	95
68) Hexachlorobenzene	10.97	284	213644	39.729	ng	92
69) Atrazine	11.05	200	152757	32.962	ng	94
70) Pentachlorophenol	11.17	266	87827	41.974	ng	97
71) Phenanthrene	11.37	178	879494	39.697	ng	98
72) Anthracene	11.43	178	884392	40.073	ng	99
73) Carbazole	11.59	167	872411	40.074	ng	98
74) Di-n-butylphthalate	11.90	149	1101048	40.747	ng	98
75) Fluoranthene	12.57	202	883828	37.194	ng	98
77) Benzdine	12.68	184	318557	37.791	ng	95
78) Pyrene	12.80	202	904808	42.672	ng	98
80) Butylbenzylphthalate	13.39	149	437384	42.635	ng	91
81) Benzo(a)anthracene	13.99	228	718336	39.899	ng	97
82) 3,3'-Dichlorobenzidine	13.94	252	268091	39.789	ng	98
83) Chrysene	14.03	228	683922	39.796	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	580158	39.840	ng	98
85) Di-n-octyl phthalate	14.56	149	848469	37.870	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	477602	35.073	ng	96
88) Benzo(b)fluoranthene	15.04	252	581170	42.907	ng	98
89) Benzo(k)fluoranthene	15.07	252	503896	38.839	ng	99
90) Benzo(a)pyrene	15.41	252	485640	39.848	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	405723	41.306	ng	96
92) Benzo(g,h,i)perylene	17.41	276	384742	41.518	ng	96

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

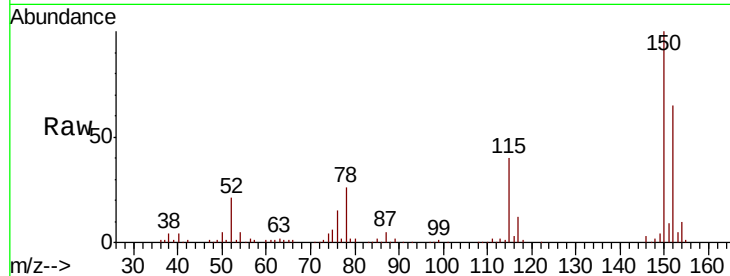


#1

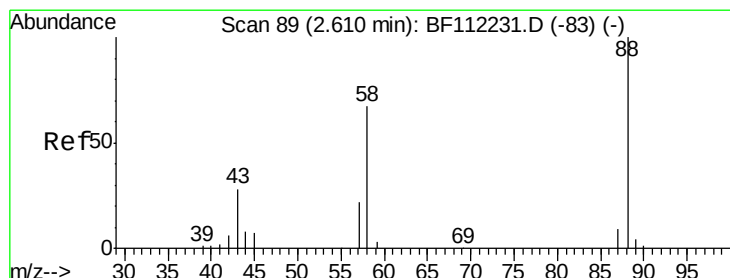
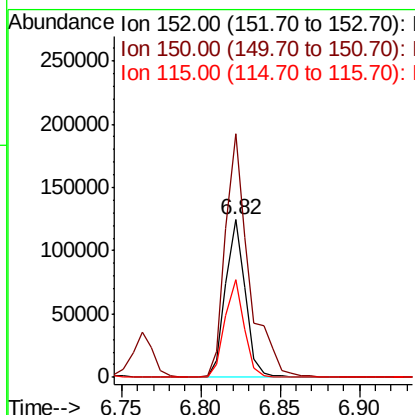
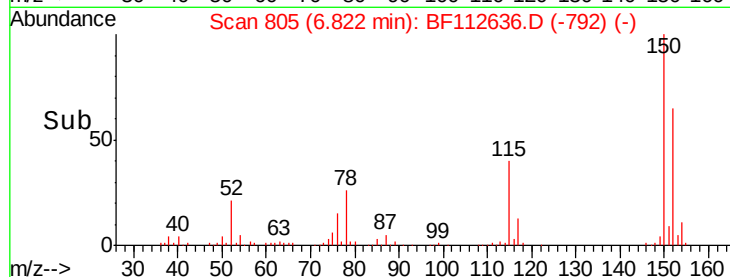
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107784
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 61.8 45.5 68.3



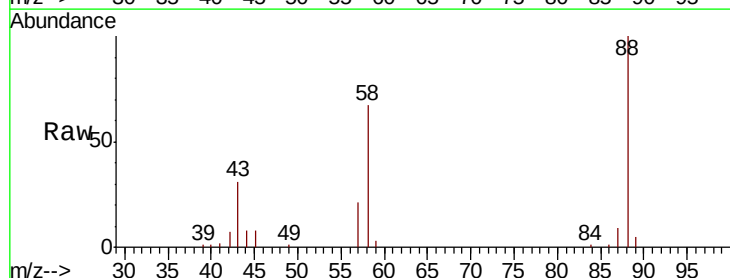
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



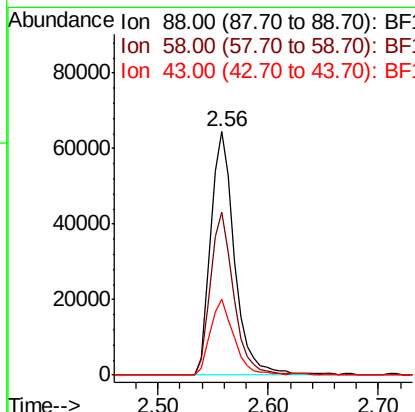
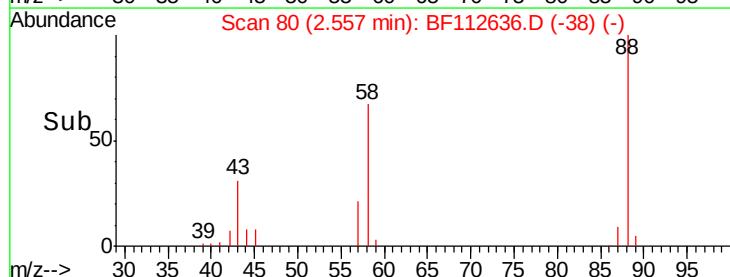
#2

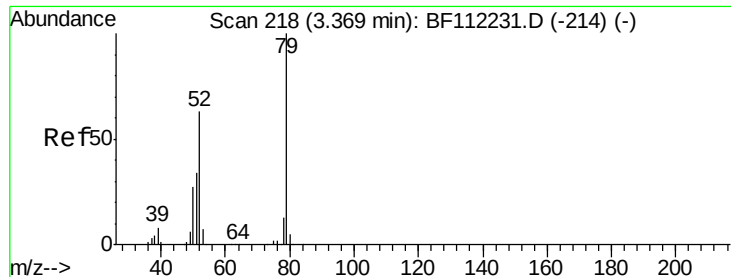
1,4-Dioxane
Concen: 47.493 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.05 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion: 88 Resp: 96005
Ion Ratio Lower Upper
88 100
58 65.3 57.4 86.2
43 30.8 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: 41.846 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.06 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

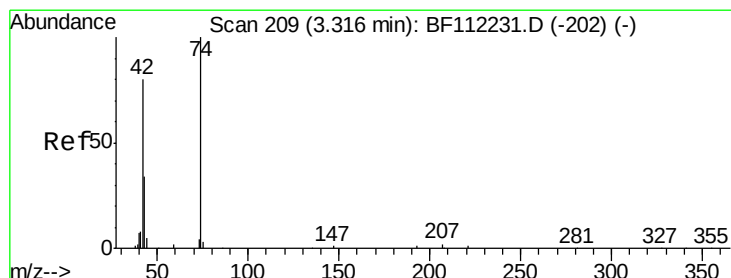
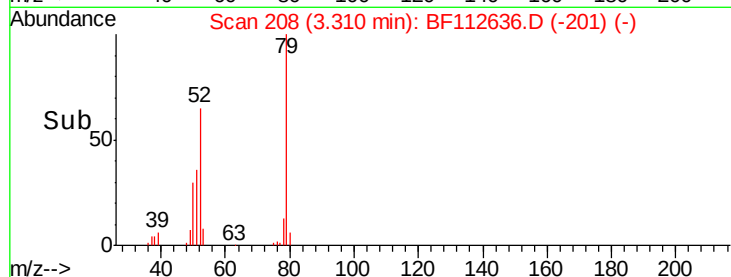
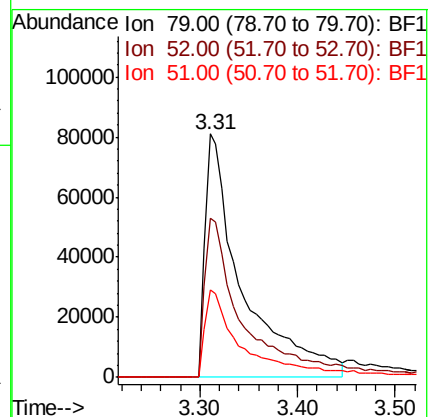
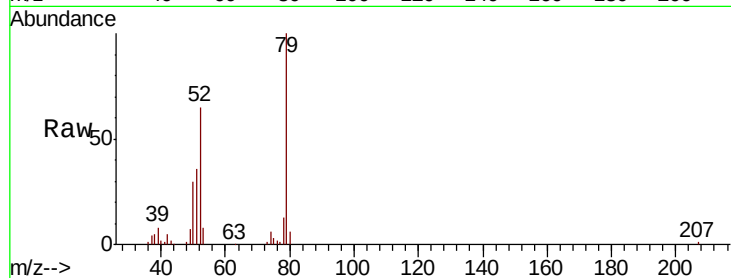
Tot Ion: 79 Resp: 215173

Ion Ratio Lower Upper

79 100

52 65.2 52.4 78.6

51 36.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 48.357 ng

RT: 3.27 min Scan# 202

Delta R.T. -0.04 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

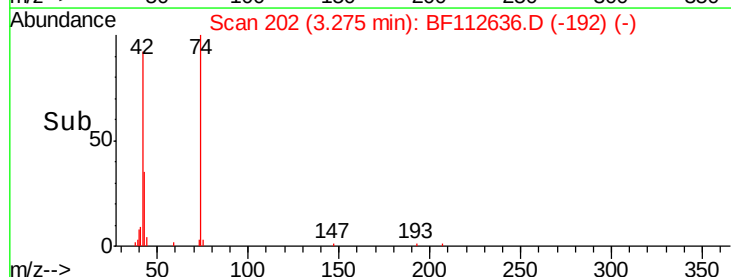
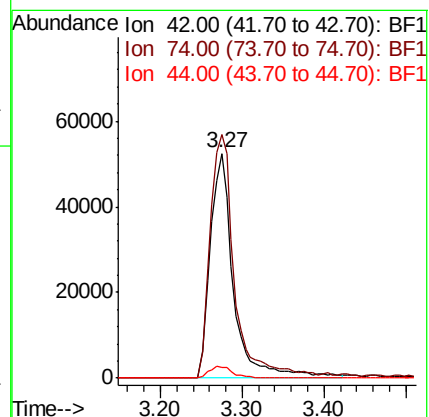
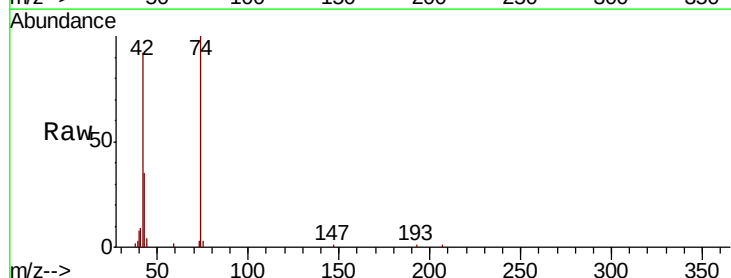
Tgt Ion: 42 Resp: 104468

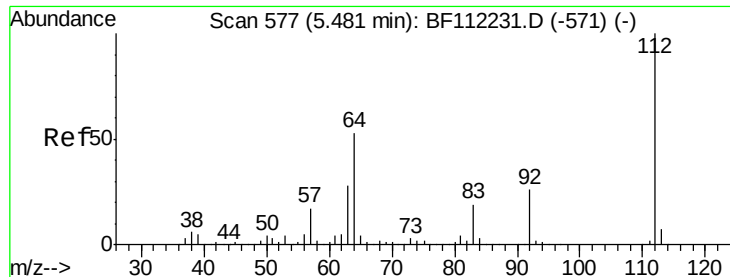
Ion Ratio Lower Upper

42 100

74 108.5 105.6 158.4

44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 96.742 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampled :

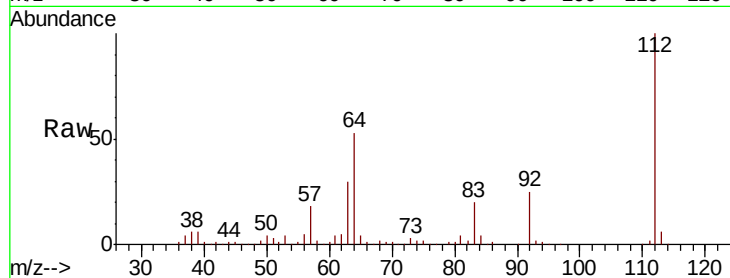
Tot Ion:112 Resp: 490909

Ion Ratio Lower Upper

112 100

64 53.1 45.7 68.5

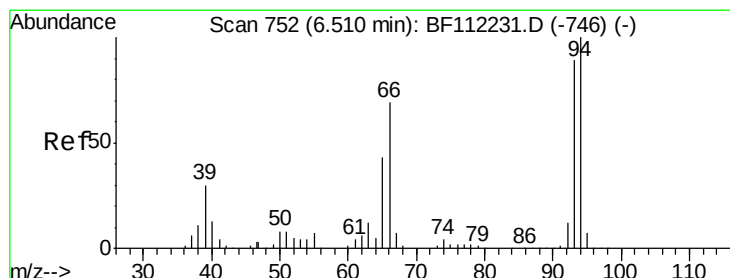
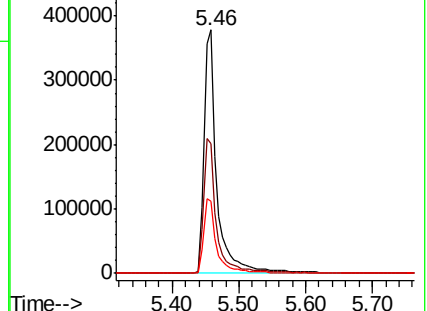
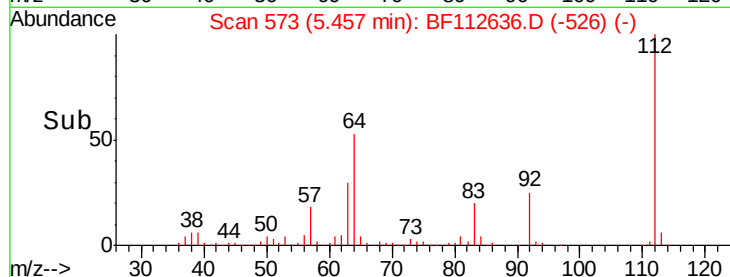
63 29.8 23.6 35.4



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: 42.302 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

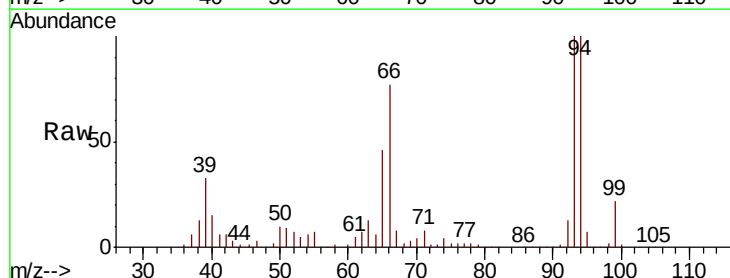
Tgt Ion: 93 Resp: 354824

Ion Ratio Lower Upper

93 100

66 77.4 43.4 65.2#

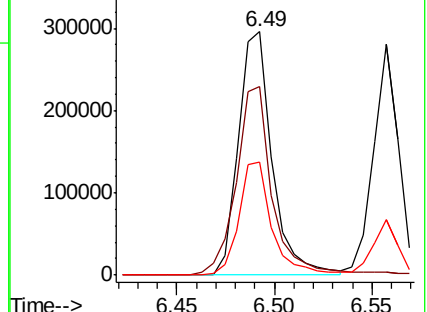
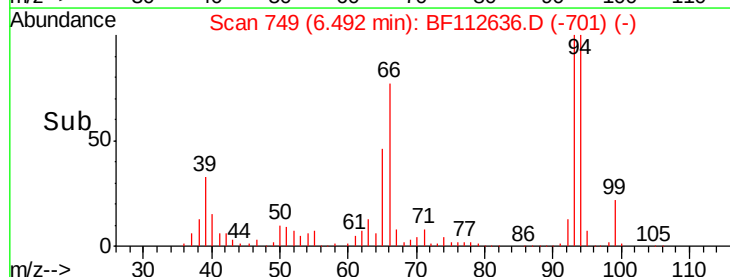
65 46.3 25.3 37.9#

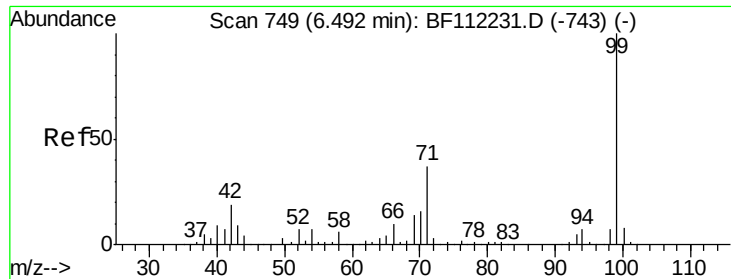


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.514 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

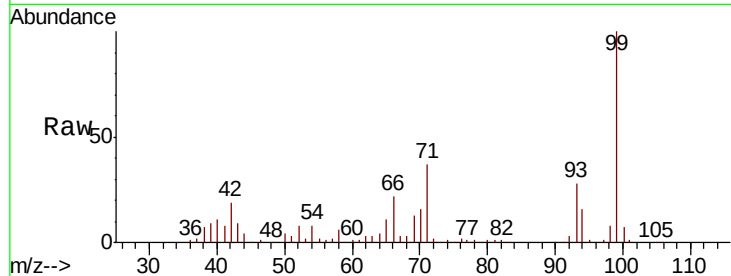
Tot Ion: 99 Resp: 602970

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

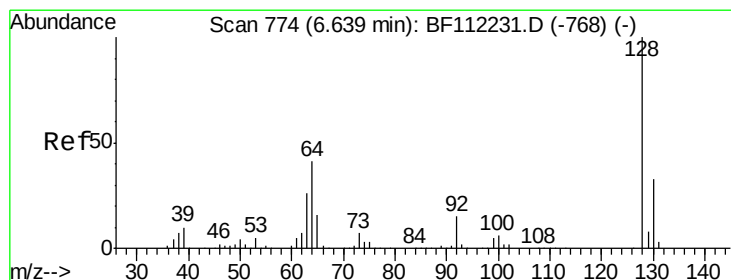
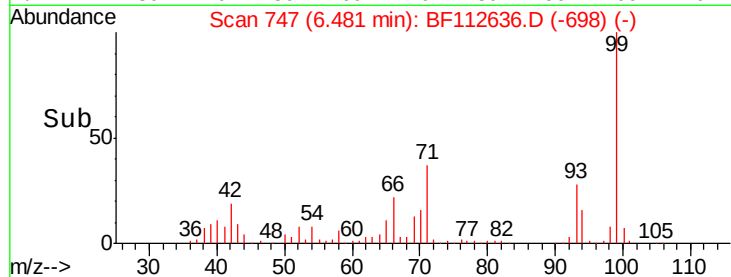
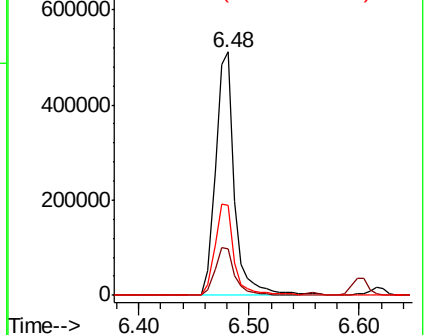
71 36.7 26.9 40.3



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: 41.416 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

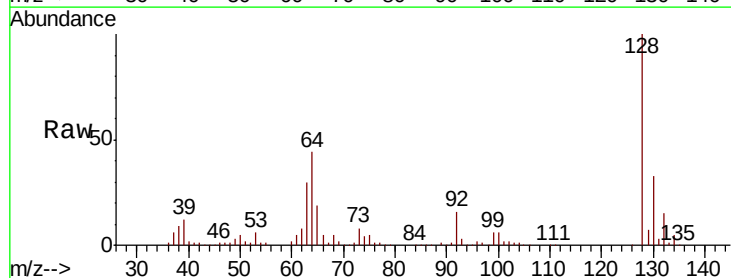
Tgt Ion: 128 Resp: 282724

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

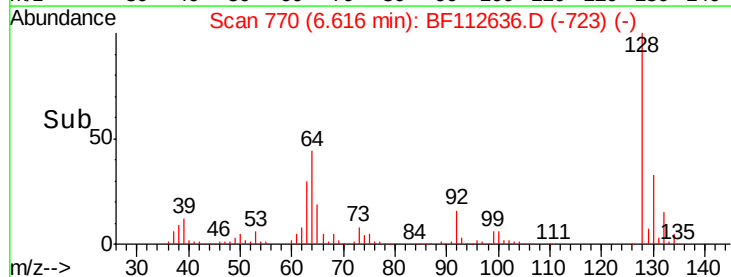
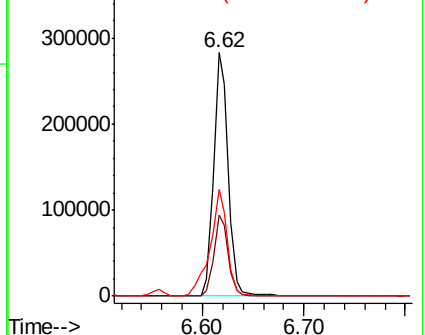
64 44.0 20.5 60.5

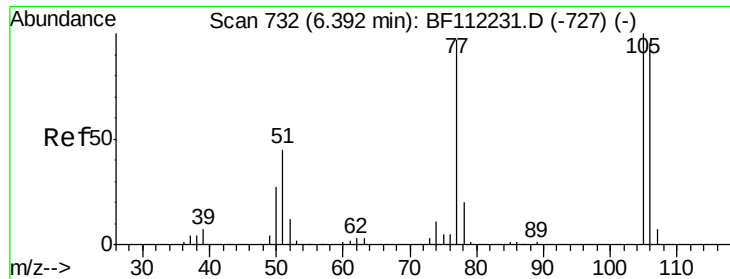


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.967 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

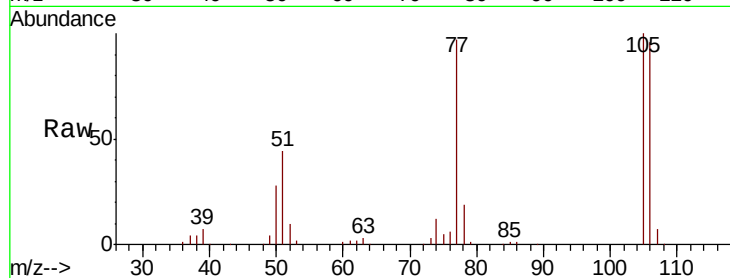
Tot Ion: 77 Resp: 143613

Ion Ratio Lower Upper

77 100

105 103.4 80.8 120.8

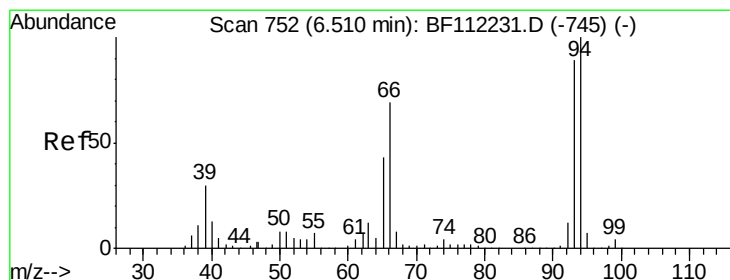
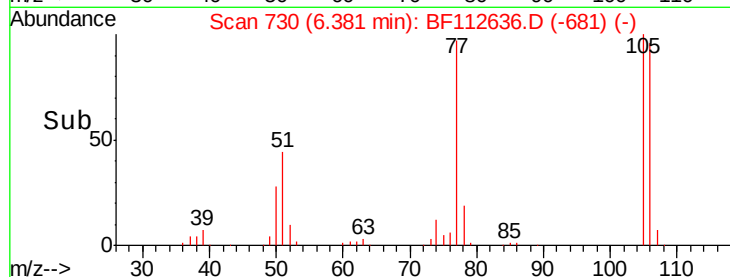
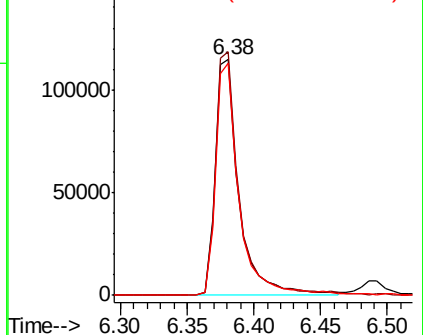
106 98.7 75.7 115.7



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: 41.908 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

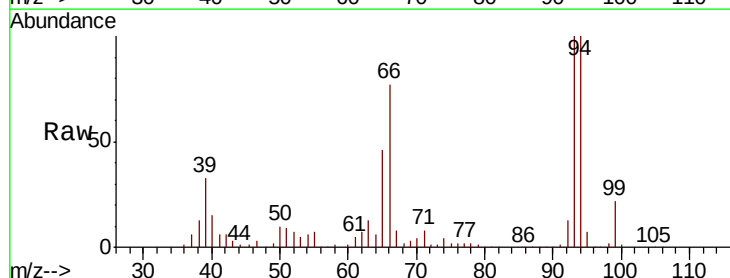
Tgt Ion: 94 Resp: 324200

Ion Ratio Lower Upper

94 100

65 46.4 20.3 60.3

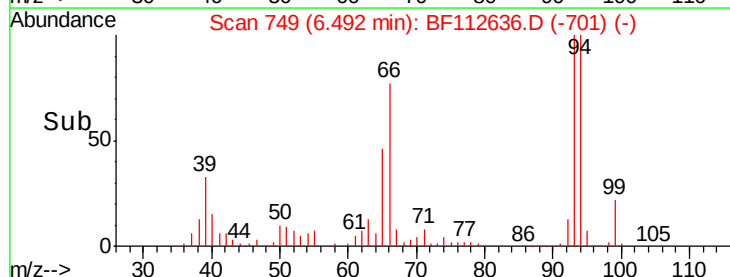
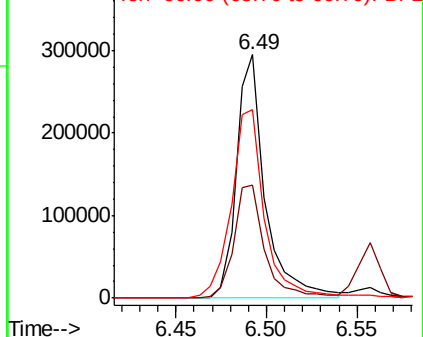
66 77.6 42.4 82.4

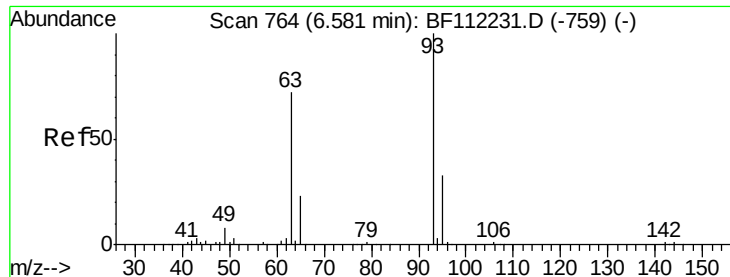


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

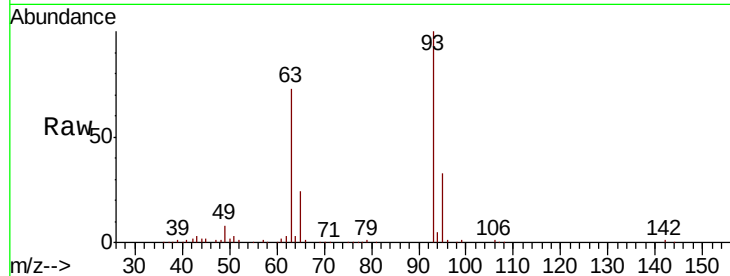




#11
 bis(2-Chloroethyl)ether
 Concen: 41.517 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	93	Resp	252855
Ion	Ratio	Lower	Upper
93	100		
63	72.9	53.3	93.3
95	32.9	13.4	53.4

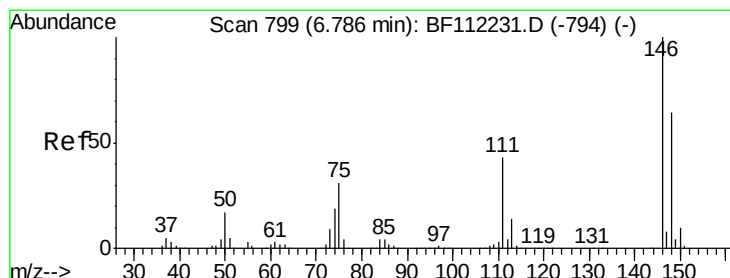
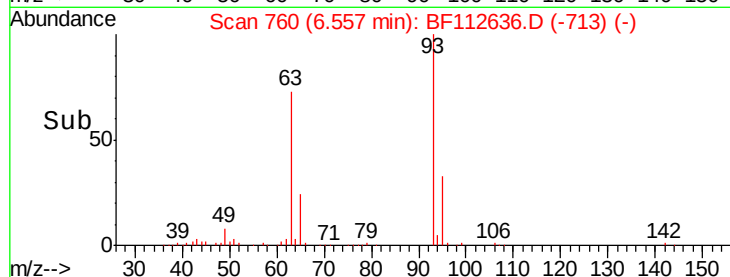
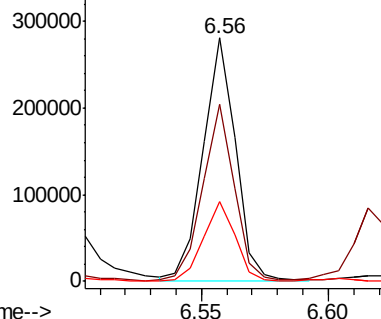


Abundance

Ion 93.00 (92.70 to 93.70): BF1

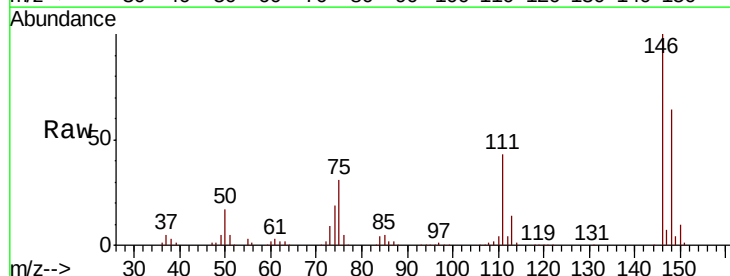
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 40.289 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	146	Resp	320295
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	31.4	23.1	34.7

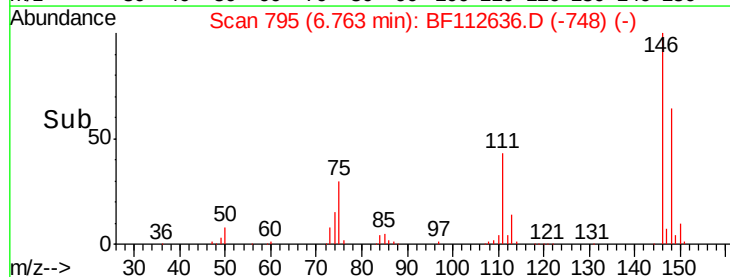
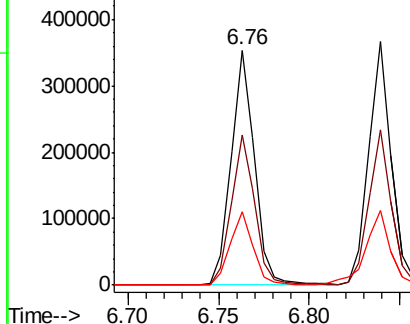


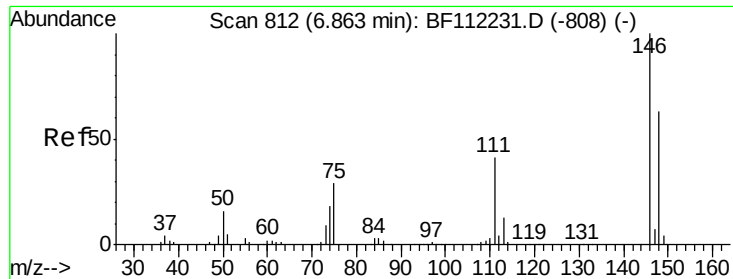
Abundance

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

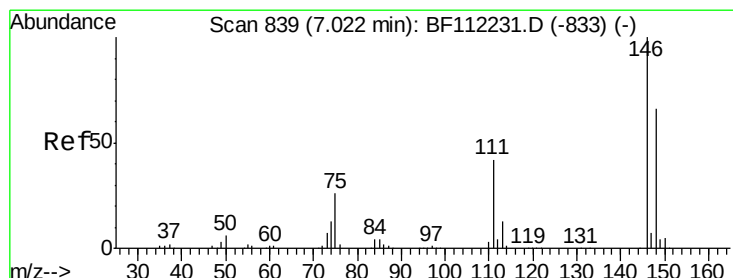
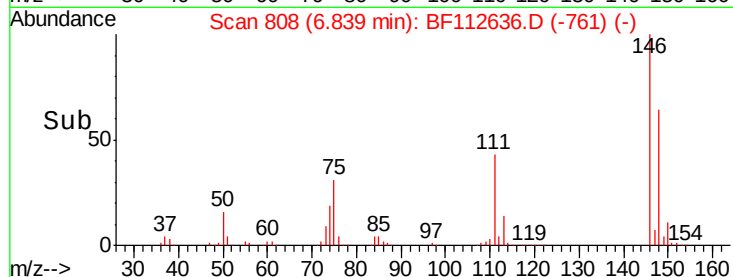
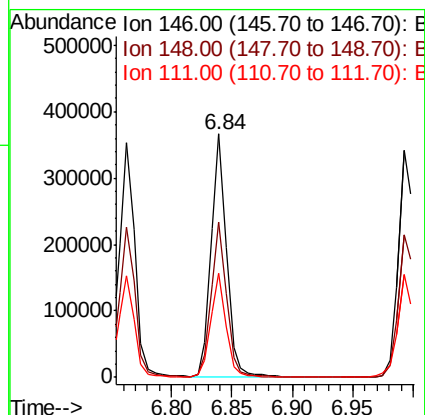
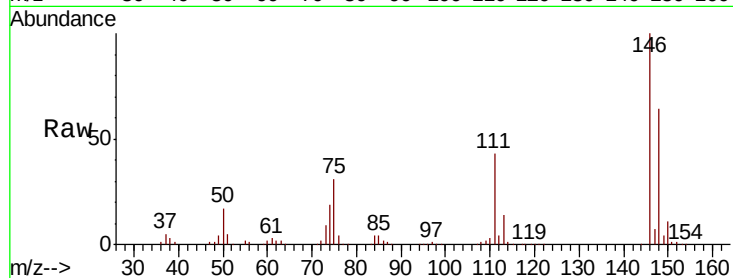




#13
 1,4-Dichlorobenzene
 Concen: 40.277 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

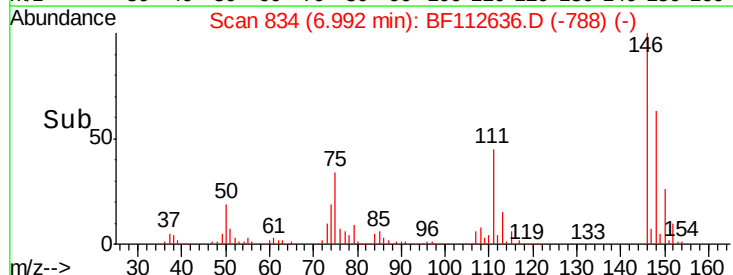
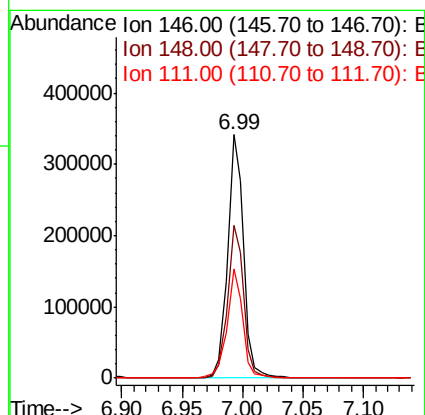
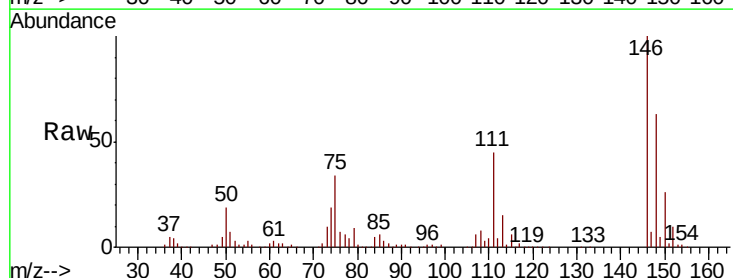
Instrument :
 BNA_F
 ClientSampled :

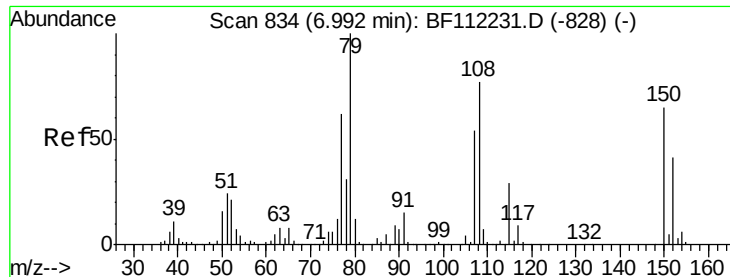
Tot Ion:146 Resp: 329540
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 42.8 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.610 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion:146 Resp: 311091
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.4
 111 45.1 31.2 46.8

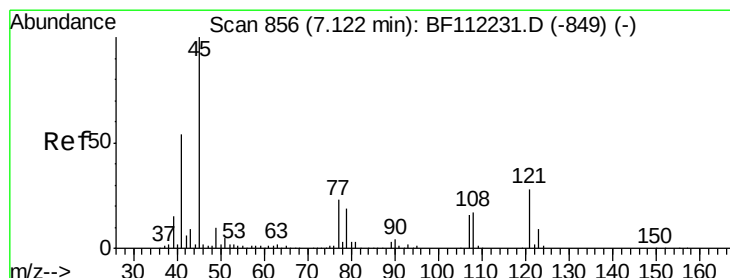
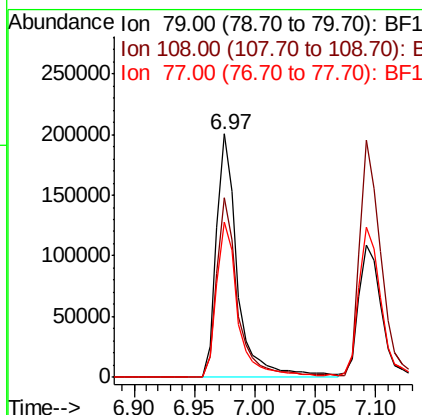
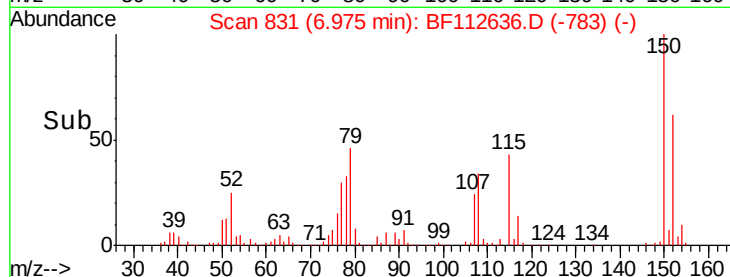
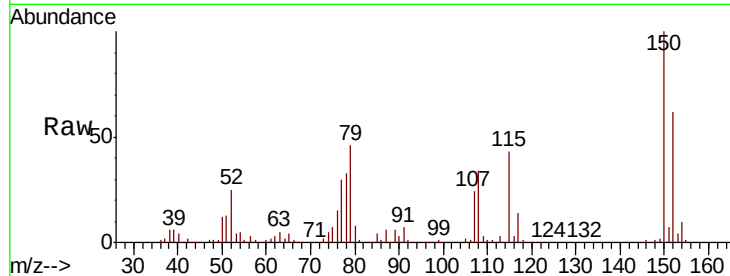




#15
Benzvl Alcohol
Concen: 40.638 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

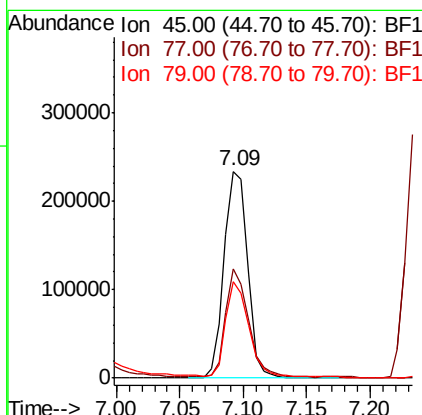
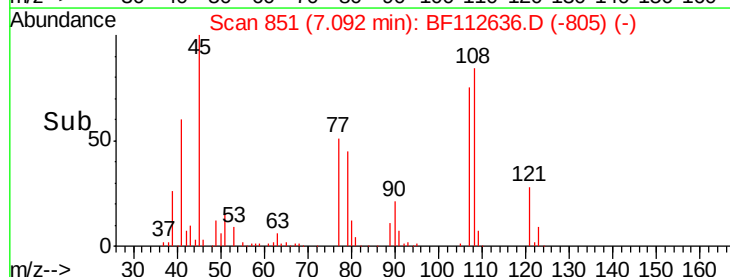
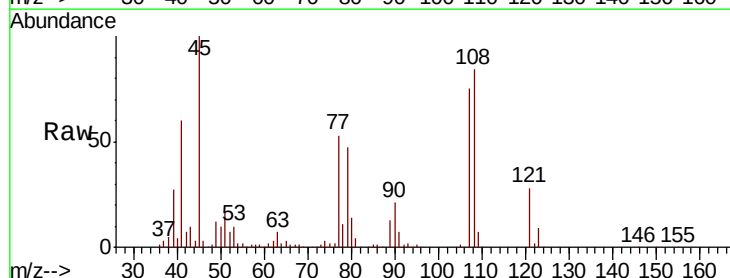
Instrument :
BNA_F
ClientSampleId :

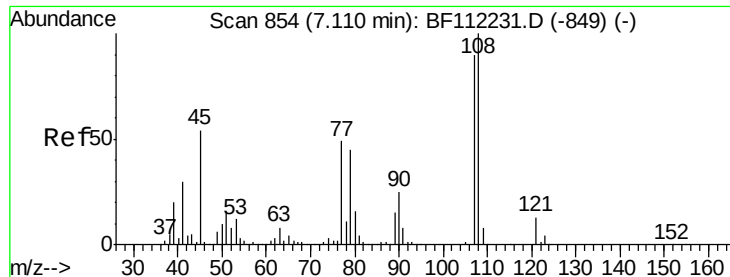
Tot Ion: 79 Resp: 241551
Ion Ratio Lower Upper
79 100
108 73.8 64.2 96.2
77 64.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.501 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion: 45 Resp: 301071
Ion Ratio Lower Upper
45 100
77 53.0 0.0 36.9#
79 46.5 0.0 34.0#





#17

2-Methylphenol

Concen: 39.150 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 211857

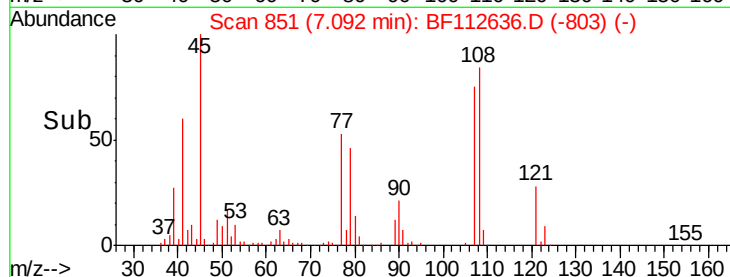
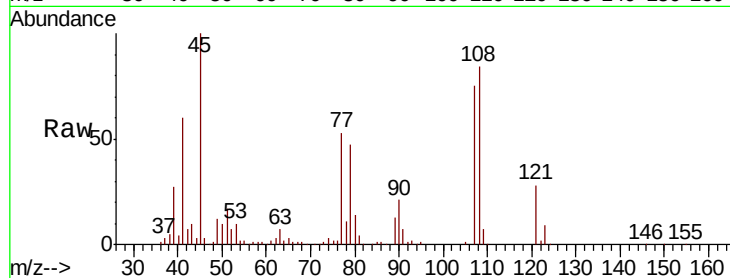
Ion Ratio Lower Upper

107 100

108 111.8 91.3 136.9

77 70.9 39.0 58.6#

79 62.3 37.0 55.4#

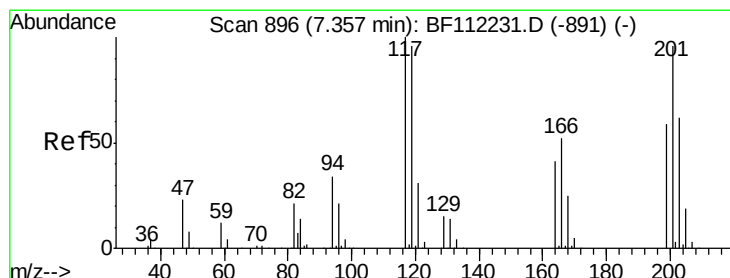
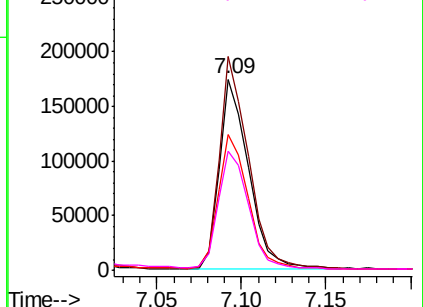


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.536 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

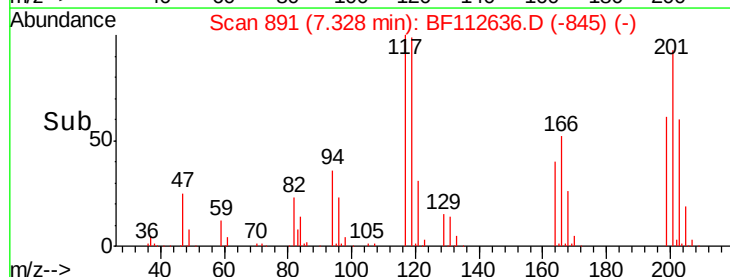
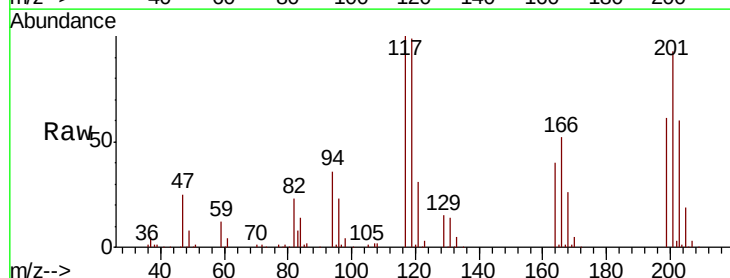
Tgt Ion:117 Resp: 119338

Ion Ratio Lower Upper

117 100

119 99.1 77.0 115.4

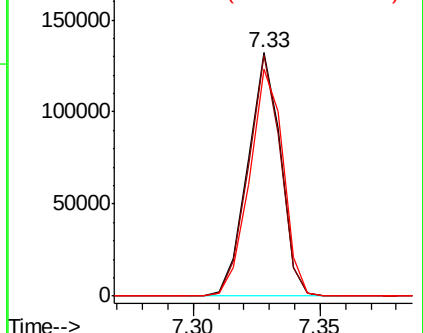
201 93.2 74.1 111.1

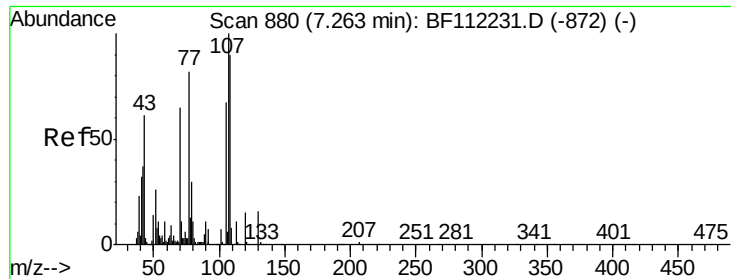


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

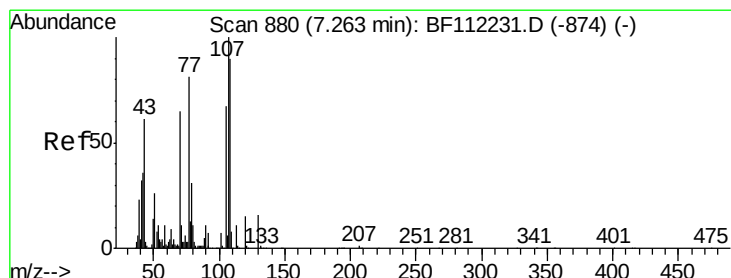
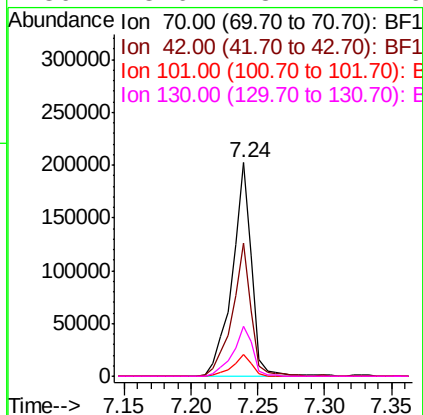
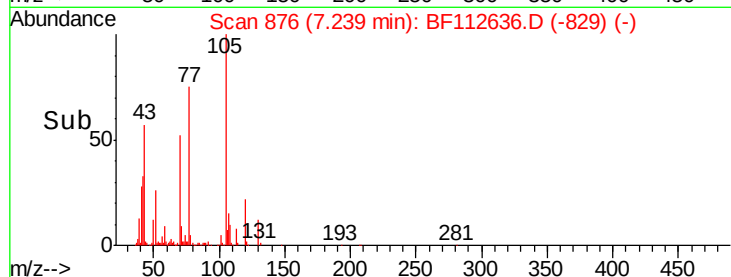
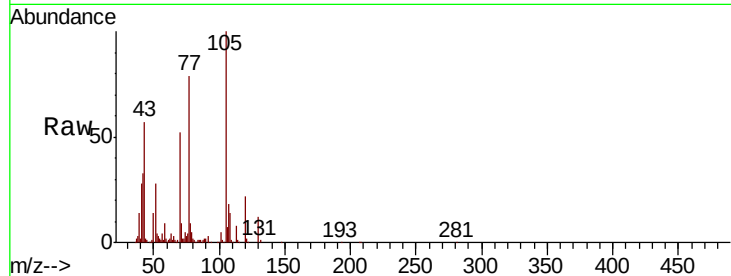




#19
n-Nitroso-di-n-propylamine
Concen: 42.470 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

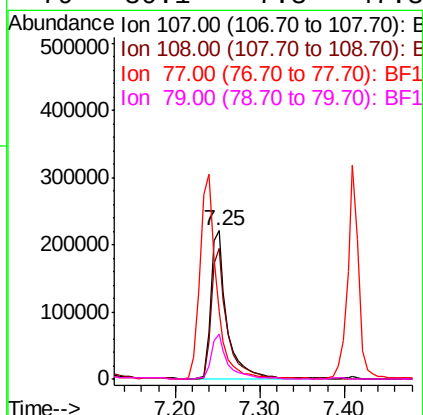
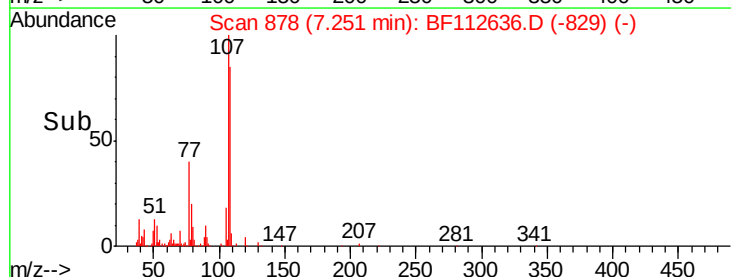
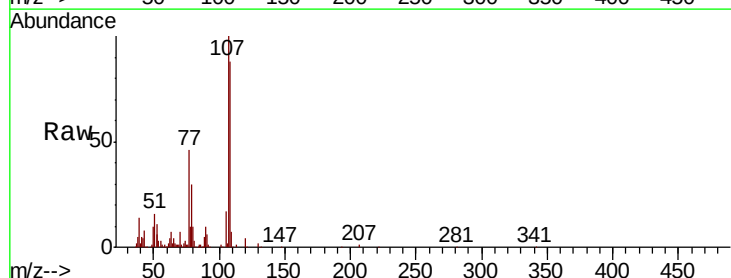
Instrument :
BNA_F
ClientSampleId :

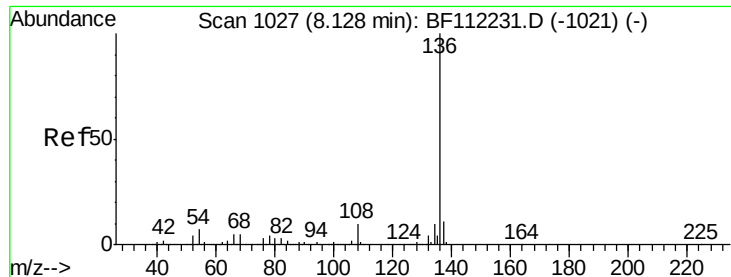
Tot Ion:	70	Resp:	206494
Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.6	71.4
101	10.2	7.9	11.9
130	23.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:	107	Resp:	292654
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	45.9	100.7	140.7#
79	30.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 423241

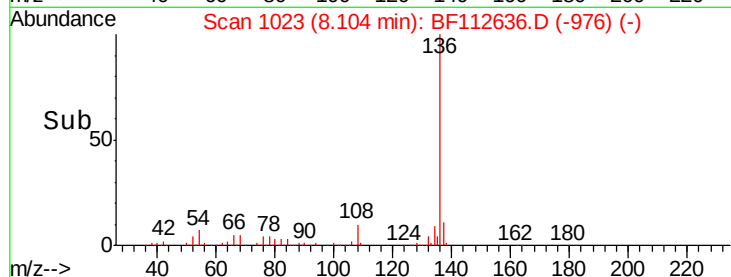
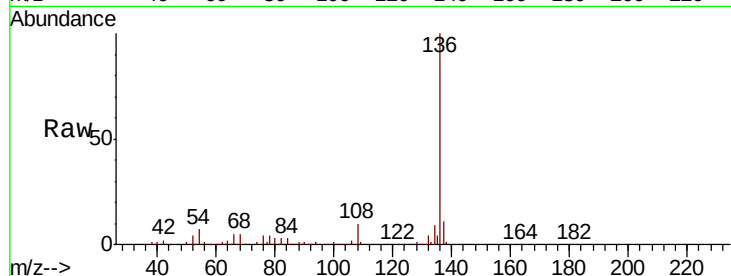
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.6 5.9 8.9

68 4.5 5.1 7.7#

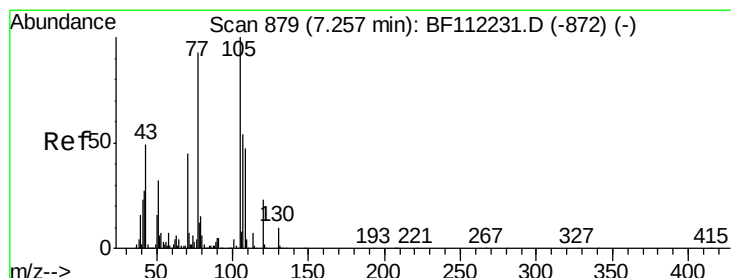
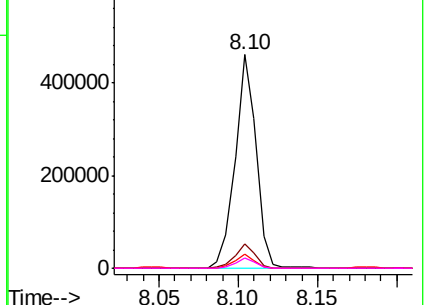


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.093 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Tgt Ion:105 Resp: 423499

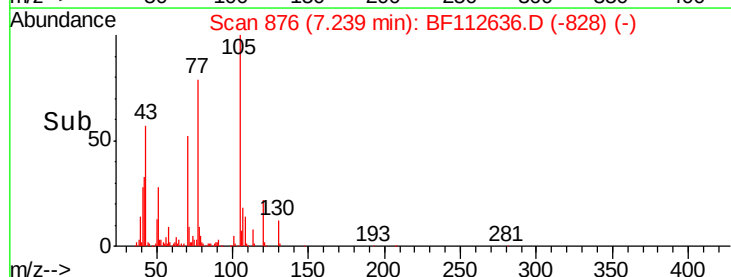
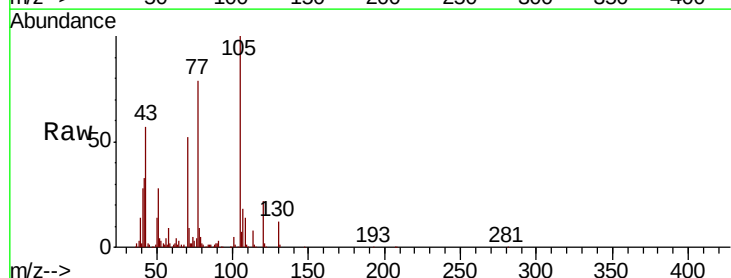
Ion Ratio Lower Upper

105 100

71 8.5 4.6 6.8#

51 27.9 25.0 37.6

120 22.1 19.0 28.4

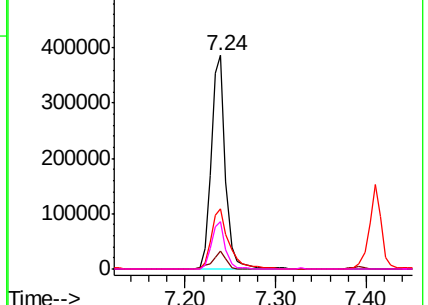


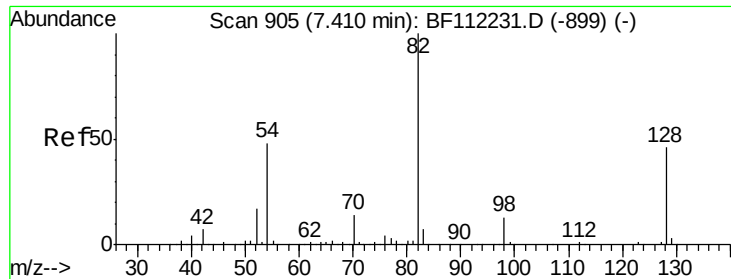
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

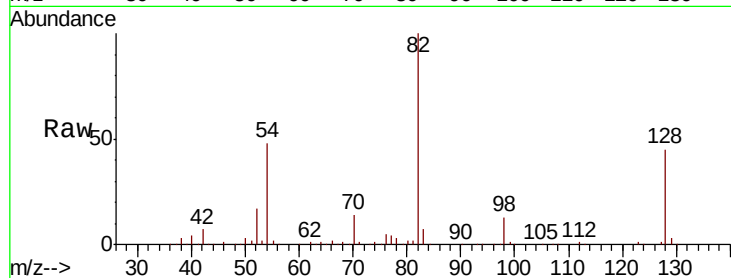




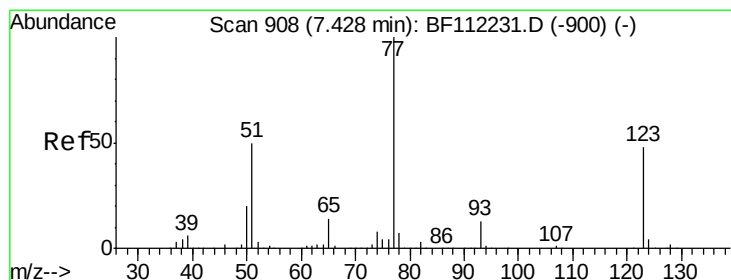
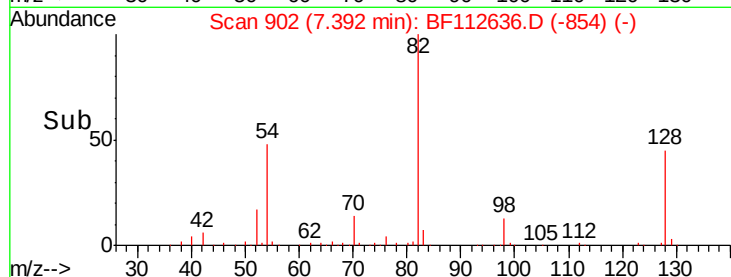
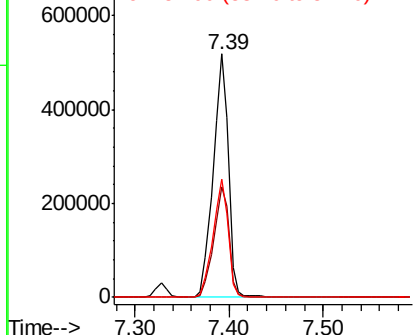
#23
Nitrobenzene-d5
Concen: 81.128 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	595915
Ion Ratio	100	Lower	Upper
128	45.4	37.8	56.8
54	48.5	39.7	59.5

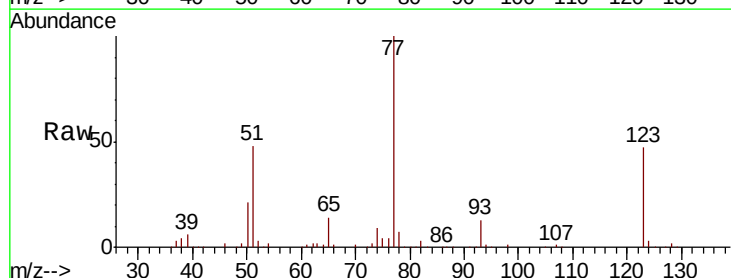


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

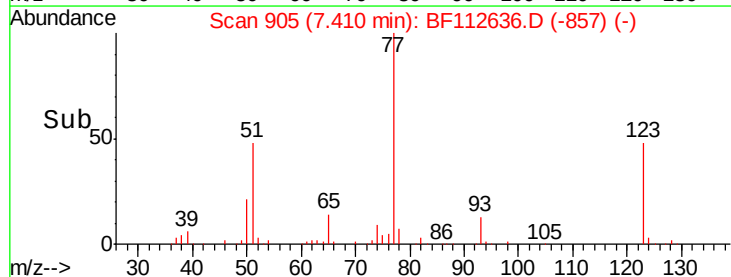
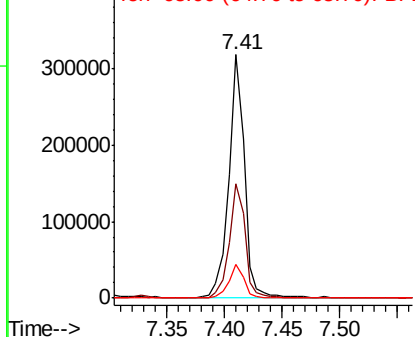


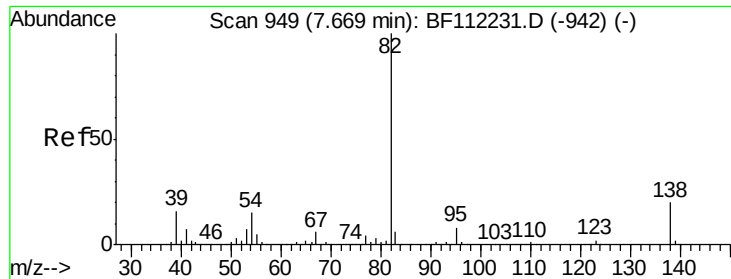
#24
Nitrobenzene
Concen: 40.127 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	77	Resp	294369
Ion Ratio	100	Lower	Upper
123	46.9	38.4	57.6
65	13.7	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: 41.399 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampled :

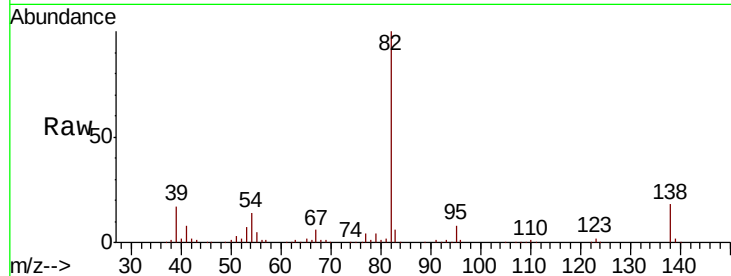
Tot Ion: 82 Resp: 477056

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

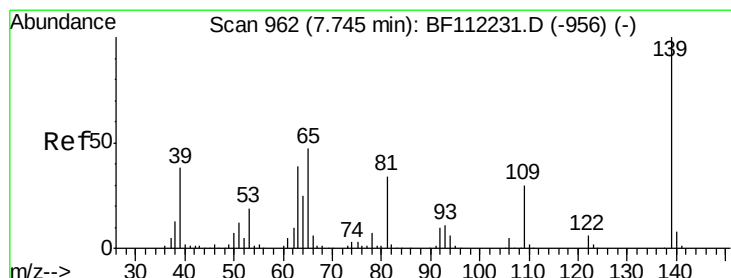
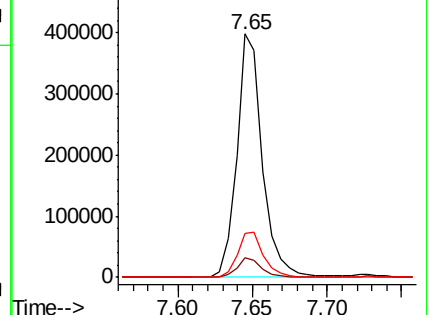
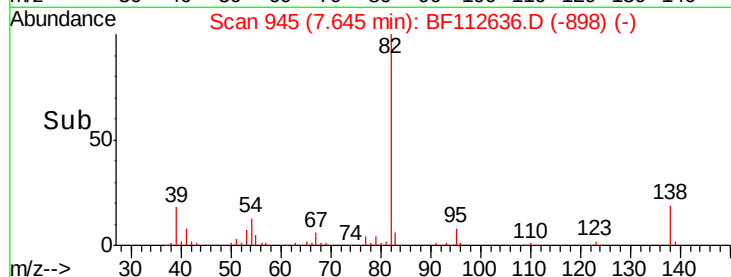
138 18.3 15.4 23.0



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: 41.322 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

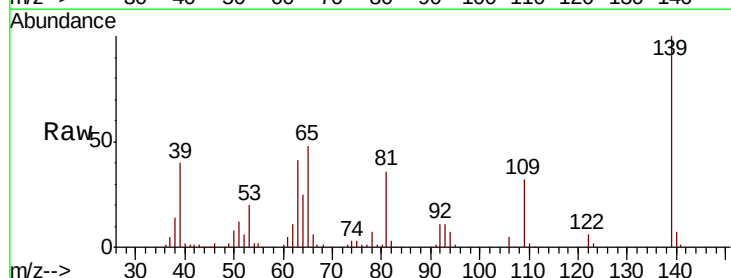
Tgt Ion: 139 Resp: 162001

Ion Ratio Lower Upper

139 100

109 31.9 20.8 31.2#

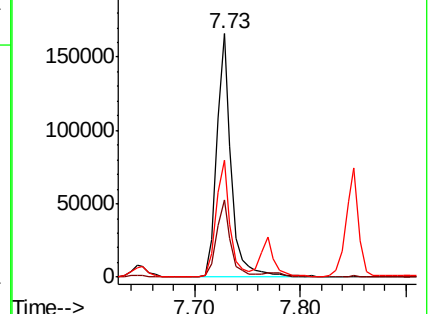
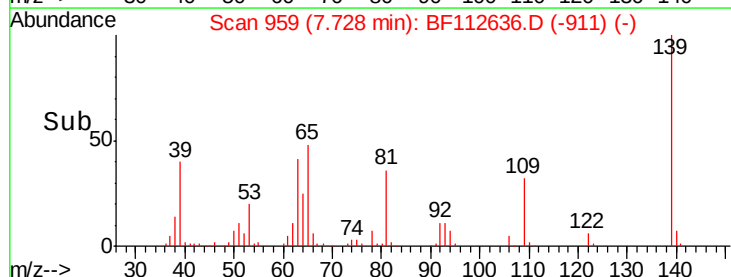
65 47.9 34.4 51.6

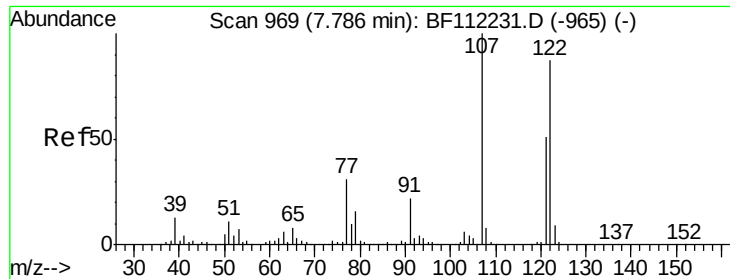


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

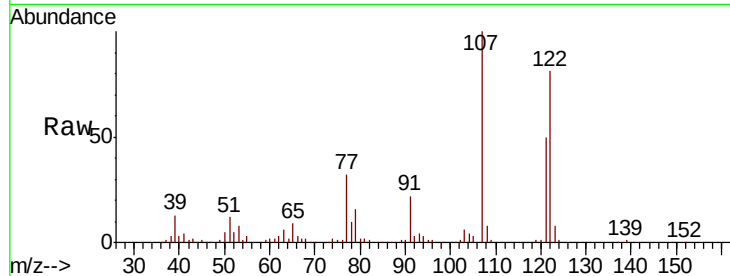




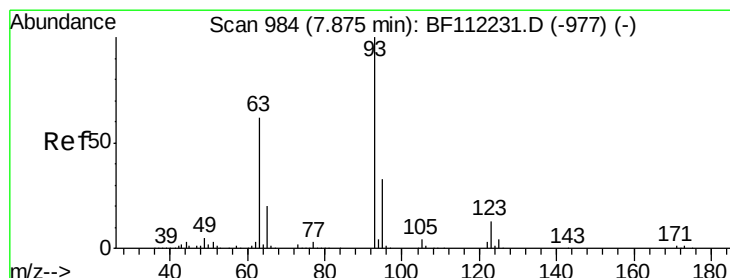
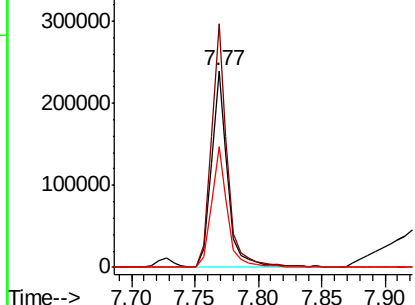
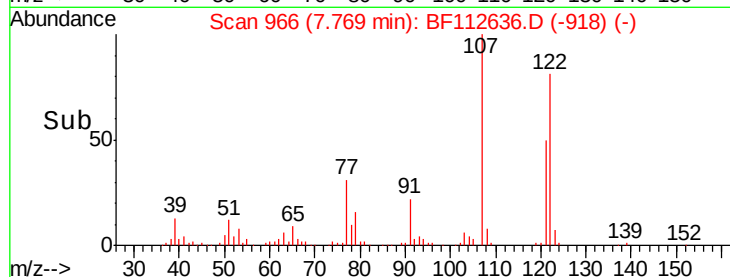
#27
2,4-Dimethylphenol
Concen: 39.523 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 213482
Ion Ratio Lower Upper
122 100
107 123.7 85.4 128.0
121 61.5 47.0 70.4

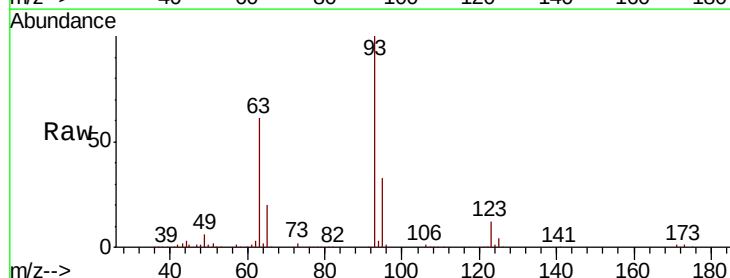


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

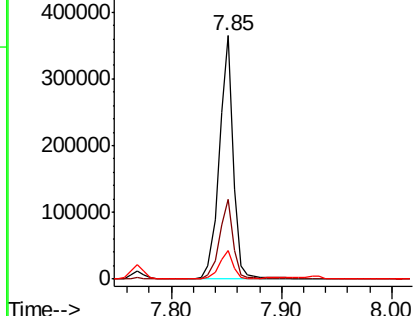
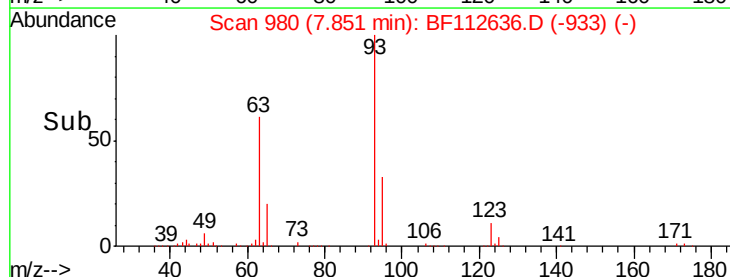


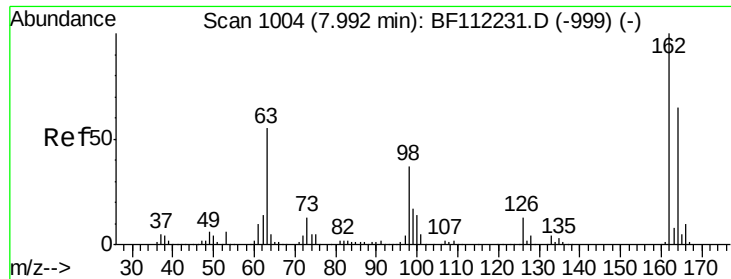
#28
bis(2-Chloroethoxy)methane
Concen: 40.848 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion: 93 Resp: 320507
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 11.6 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

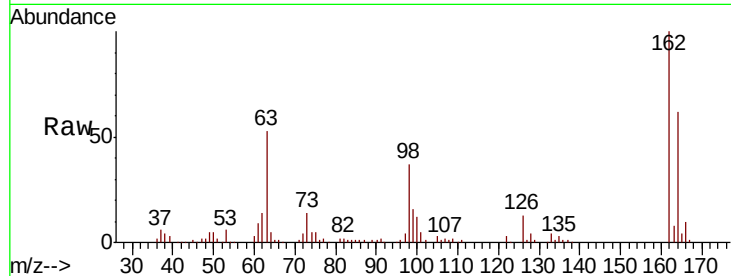




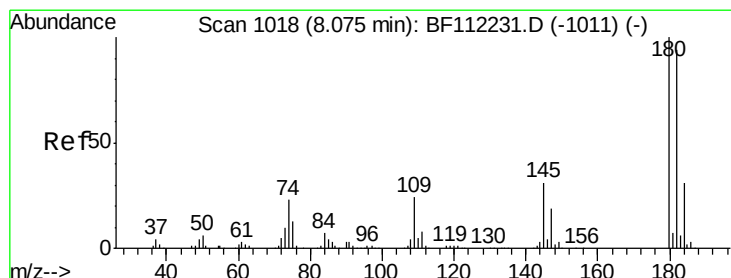
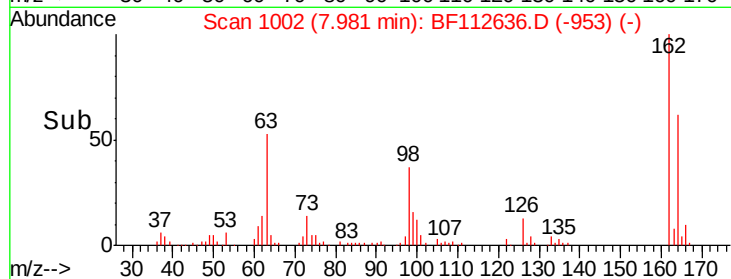
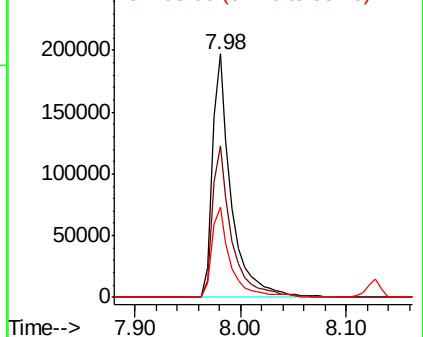
#29
 2,4-Dichlorophenol
 Concen: 40.881 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	36.8	14.6	54.6

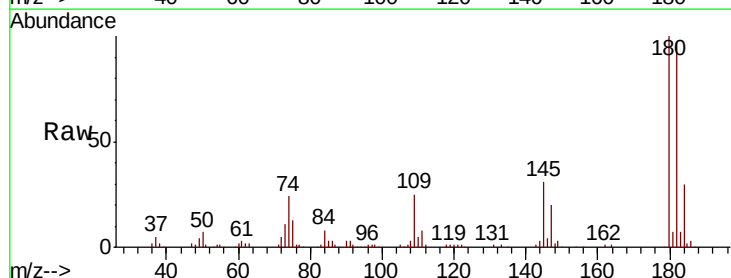


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

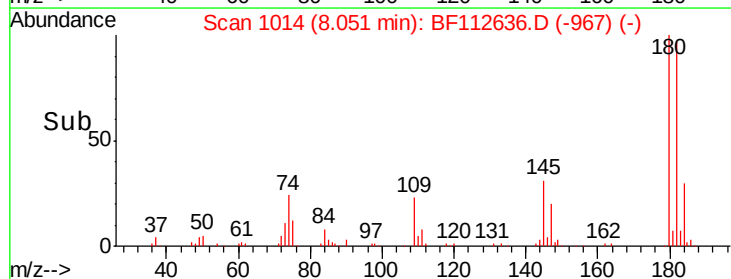
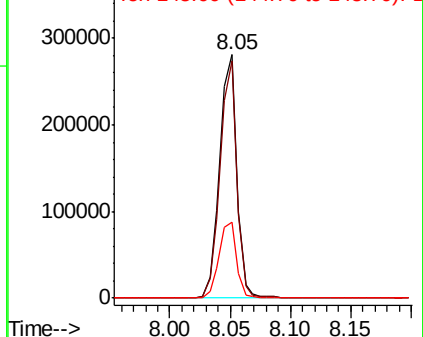


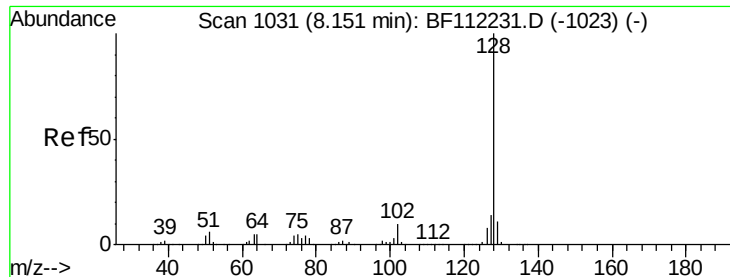
#30
 1,2,4-Trichlorobenzene
 Concen: 39.773 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.4	114.6
145	31.2	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

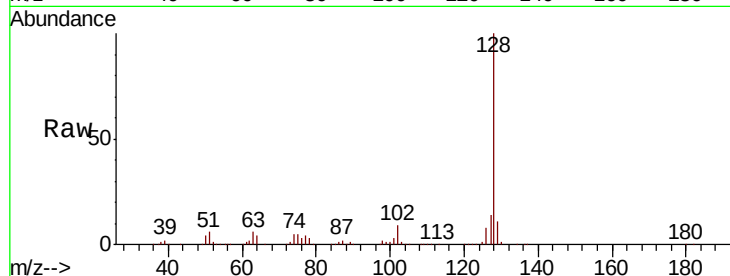




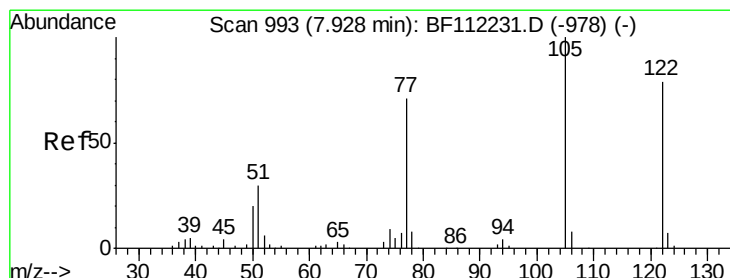
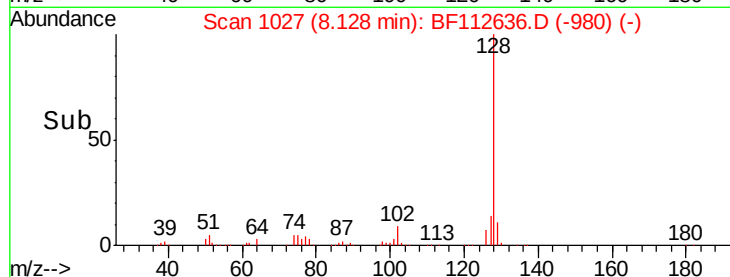
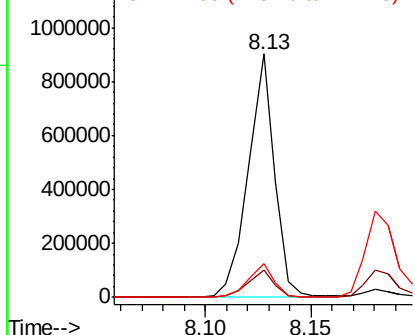
#31
Naphthalene
Concen: 39.768 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 787104
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.7 11.1 16.7

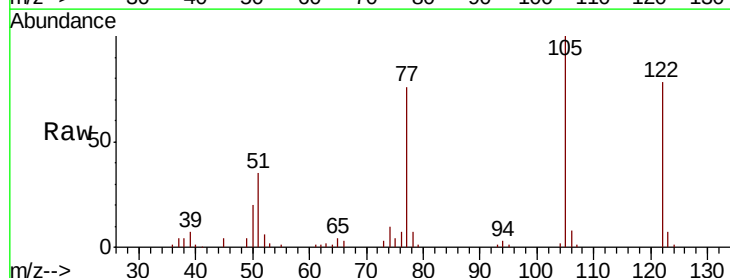


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

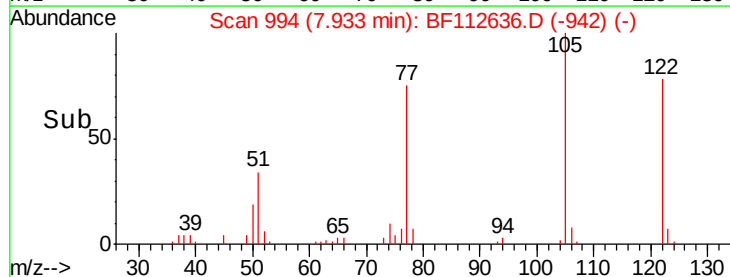
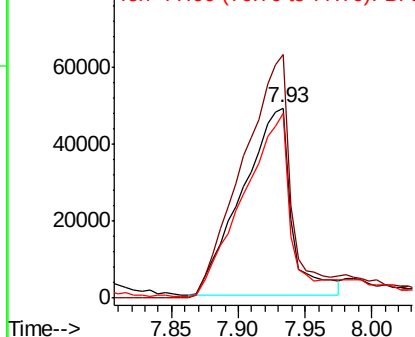


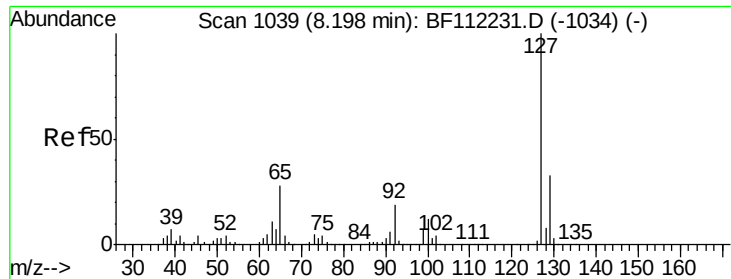
#32
Benzoic acid
Concen: 40.944 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:122 Resp: 126151
Ion Ratio Lower Upper
122 100
105 128.1 101.2 141.2
77 97.2 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

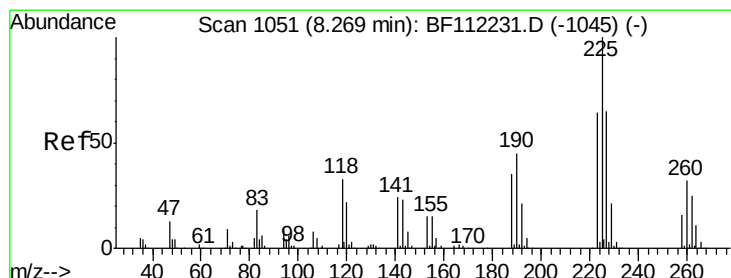
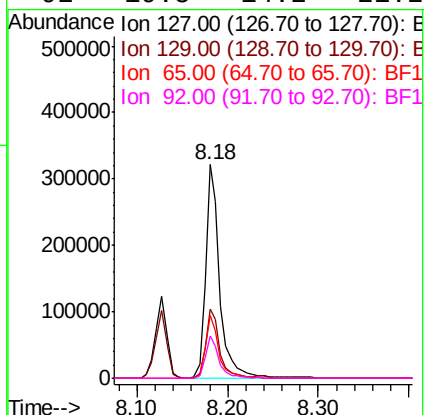
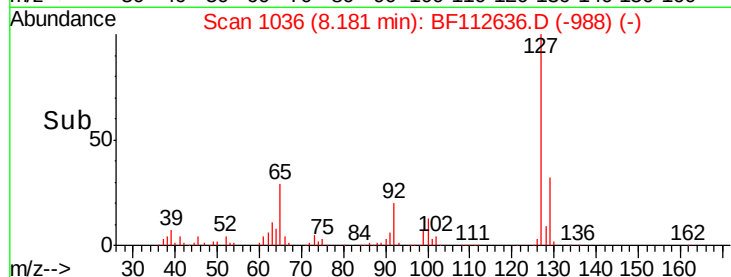
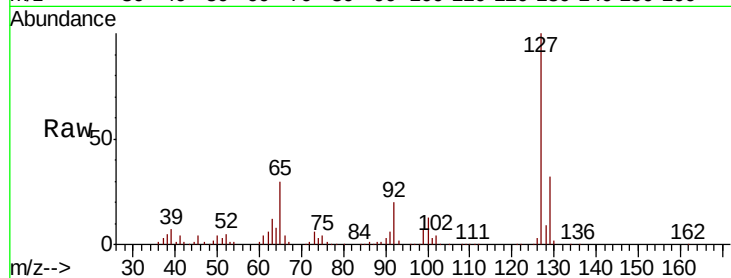




#33
4-Chloroaniline
Concen: 40.586 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

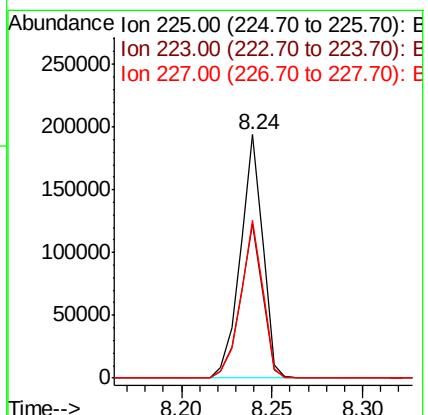
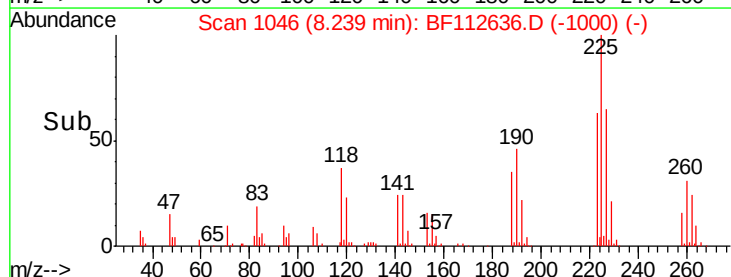
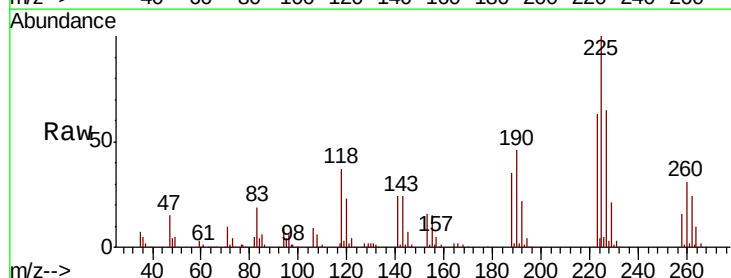
Instrument :
BNA_F
ClientSampled :

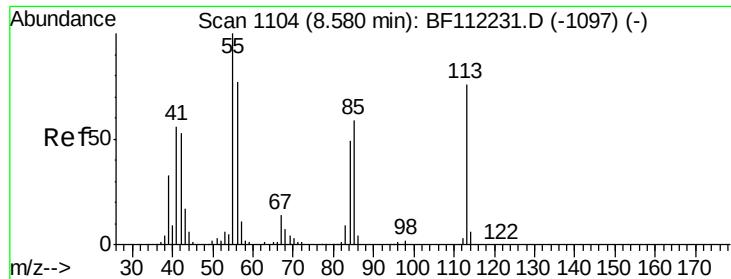
Tot Ion:	127	Resp:	349779
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	29.6	21.4	32.2
92	19.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.525 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:	225	Resp:	165231
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	64.6	51.8	77.8

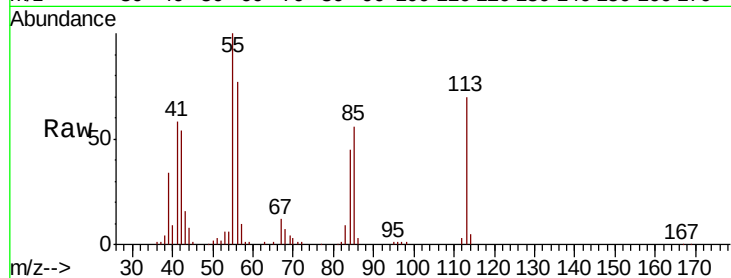




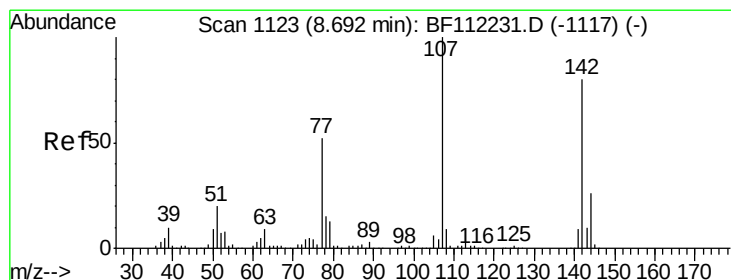
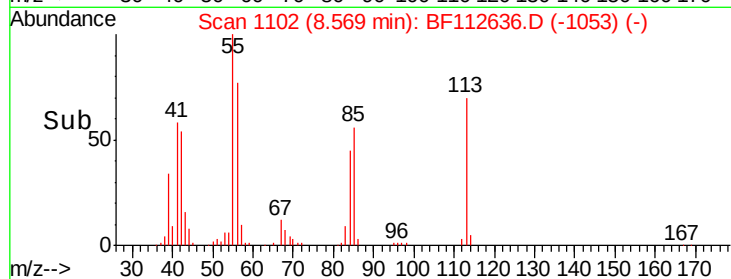
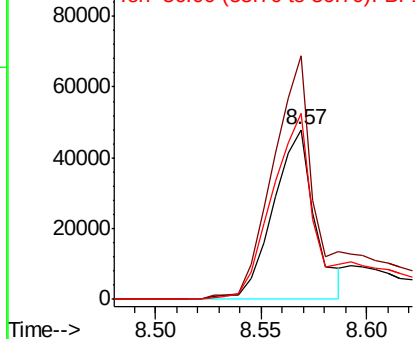
#35
Caprolactam
Concen: 30.700 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 65463
Ion Ratio Lower Upper
113 100
55 143.5 121.6 161.6
56 110.0 86.7 126.7

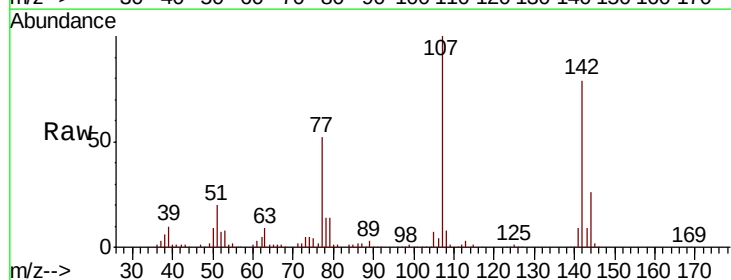


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

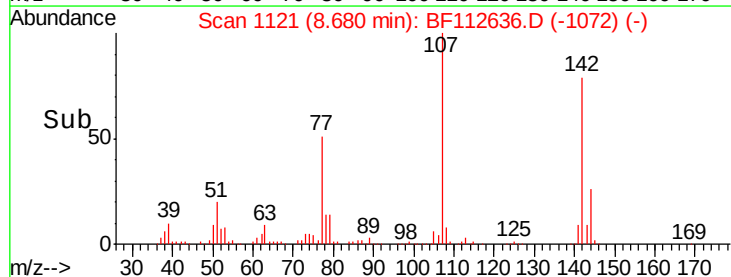
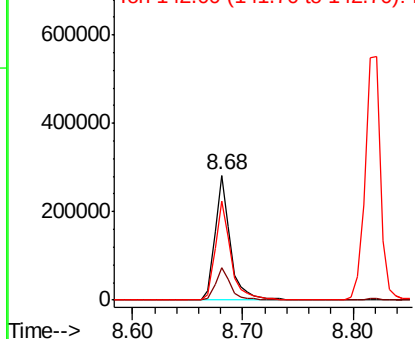


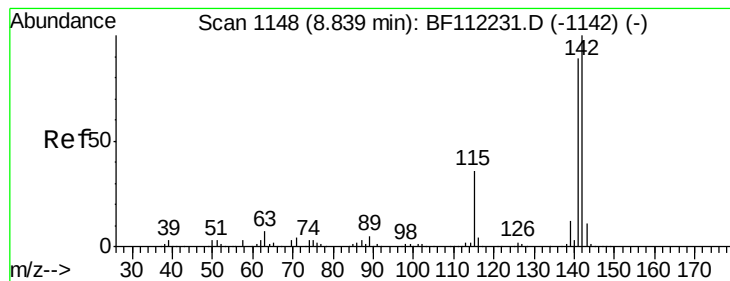
#36
4-Chloro-3-methylphenol
Concen: 42.184 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:107 Resp: 269929
Ion Ratio Lower Upper
107 100
144 25.8 22.2 33.2
142 79.3 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: 40.583 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

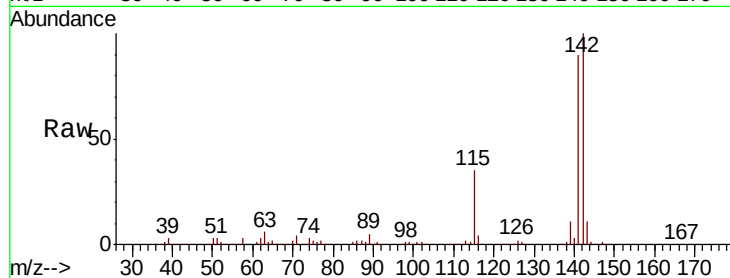
Tot Ion:142 Resp: 549882

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

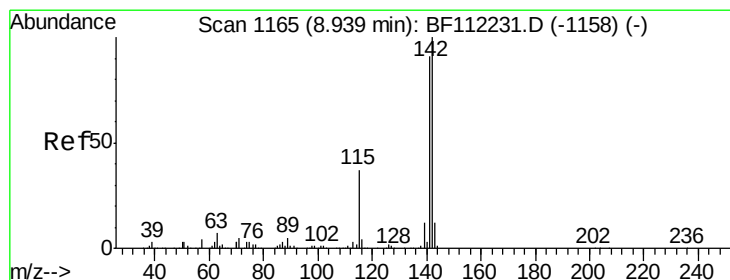
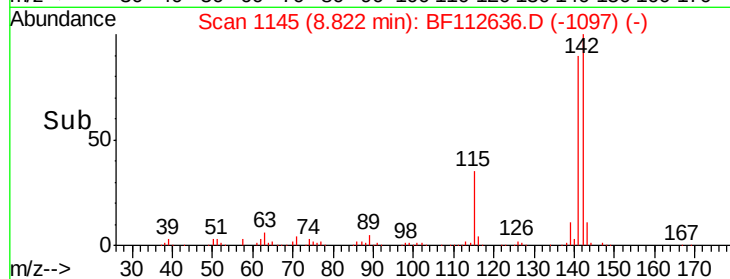
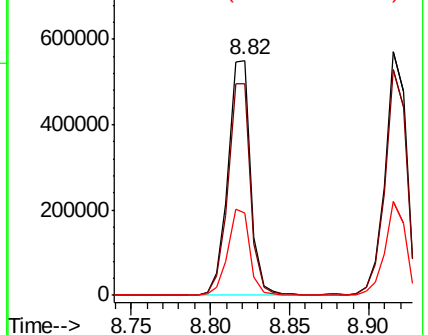
115 34.9 24.9 37.3



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: 40.890 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

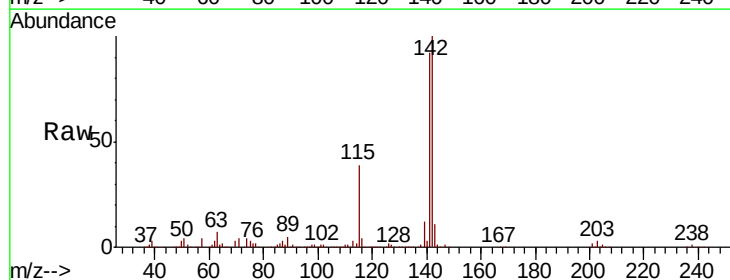
Tgt Ion:142 Resp: 531035

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8

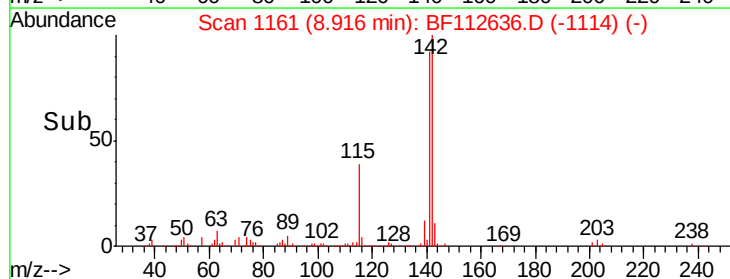
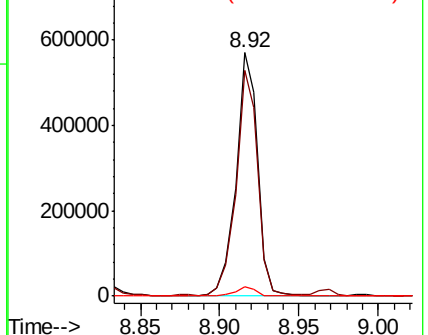
116 4.0 2.8 4.2

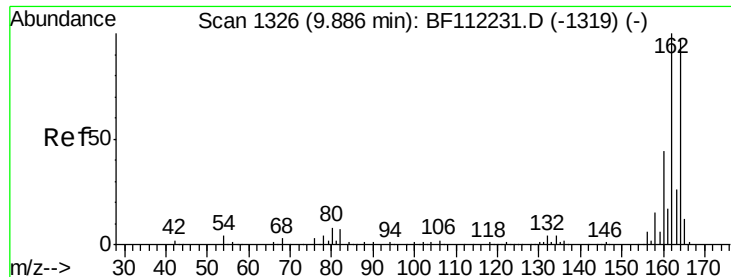


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

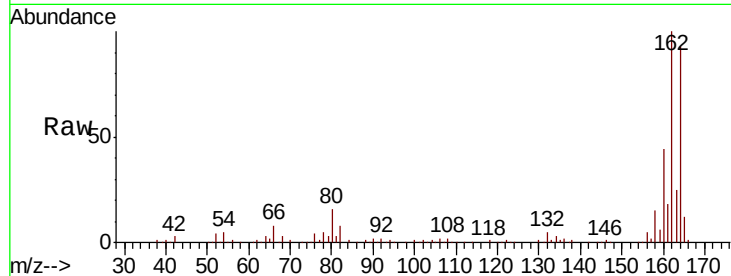




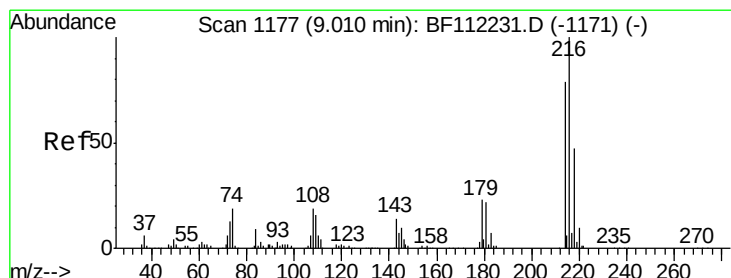
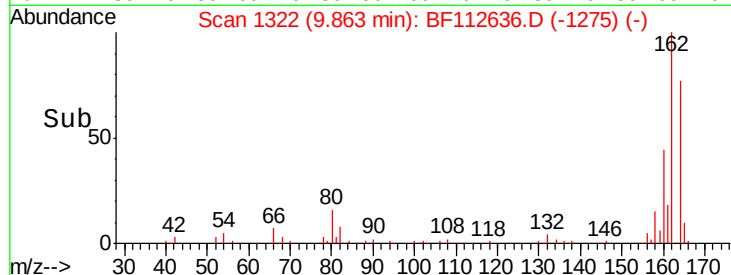
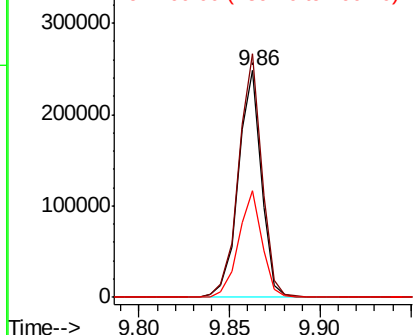
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 218541
Ion Ratio Lower Upper
164 100
162 107.5 82.2 123.4
160 46.8 36.2 54.4

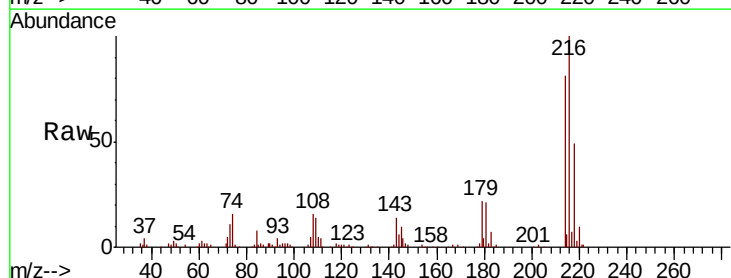


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

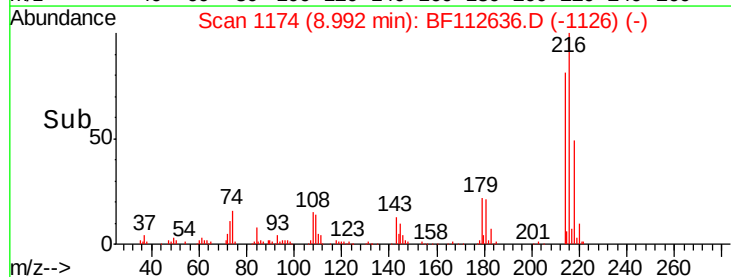
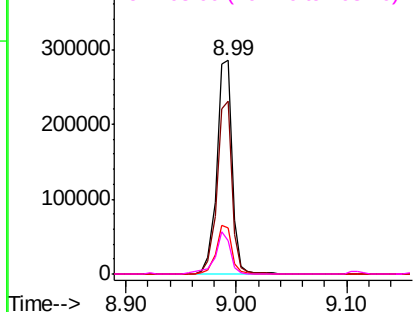


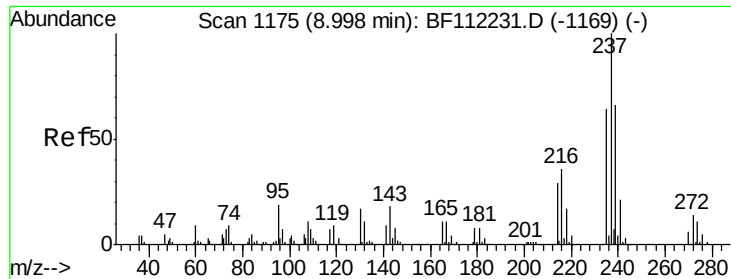
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.586 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:216 Resp: 276876
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 22.9 16.9 25.3
108 19.4 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

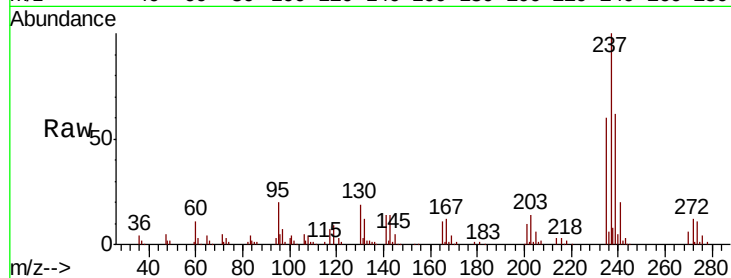




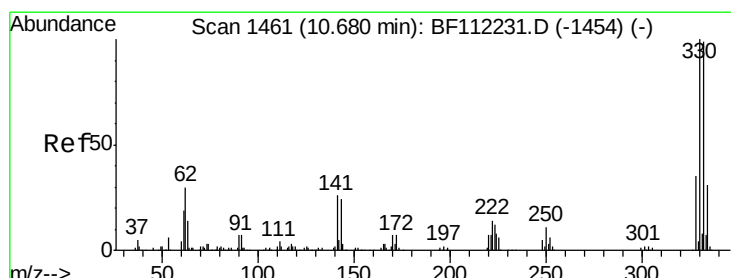
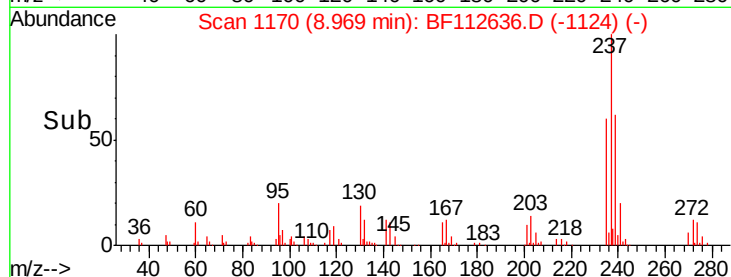
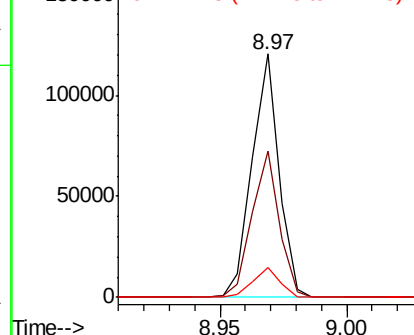
#41
Hexachlorocyclopentadiene
Concen: 38.551 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.0	44.0	84.0
272	12.1	0.0	33.3

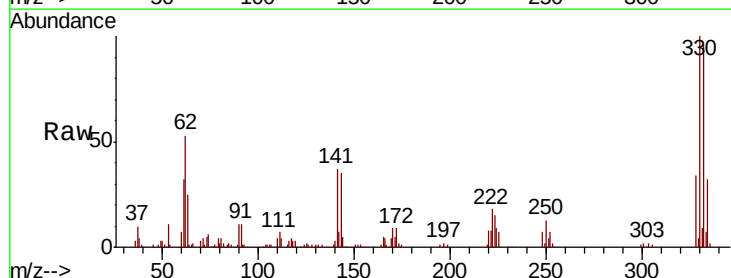


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

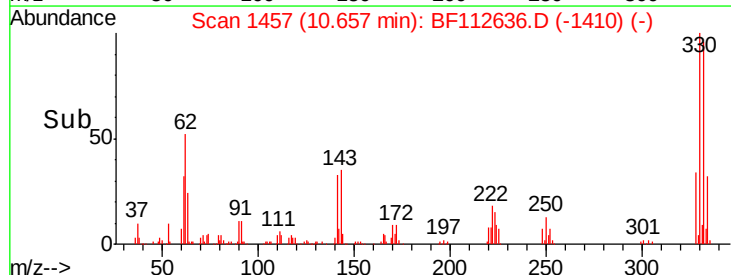
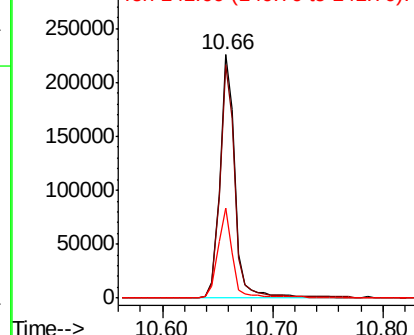


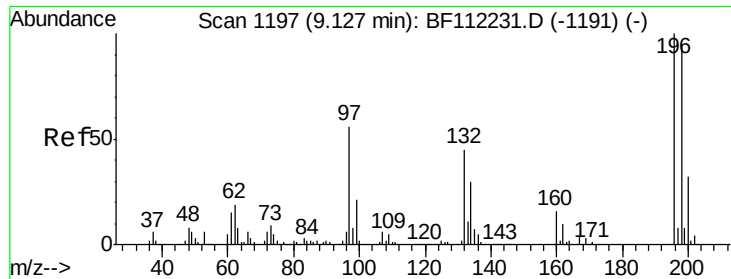
#42
2,4,6-Tribromophenol
Concen: 84.169 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.5	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

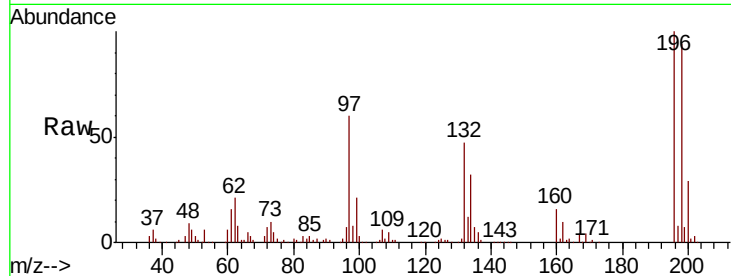




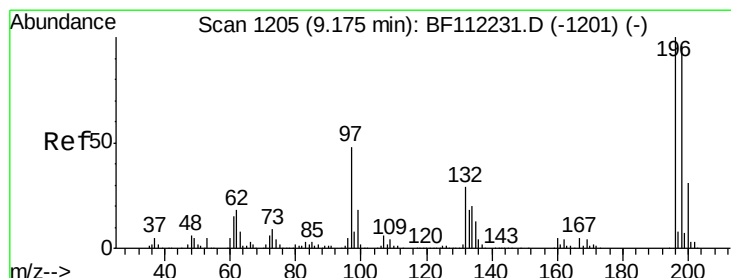
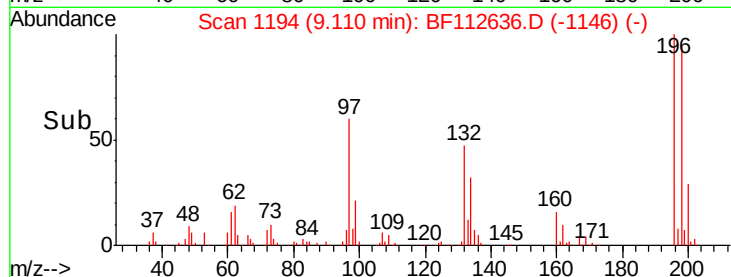
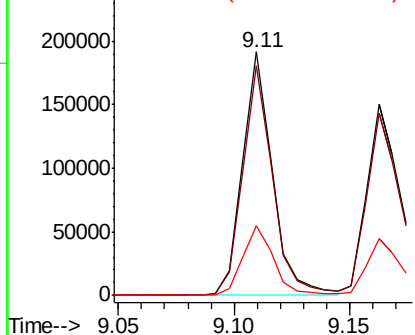
#43
 2,4,6-Trichlorophenol
 Concen: 39.361 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 174095
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.4
 200 28.7 24.3 36.5

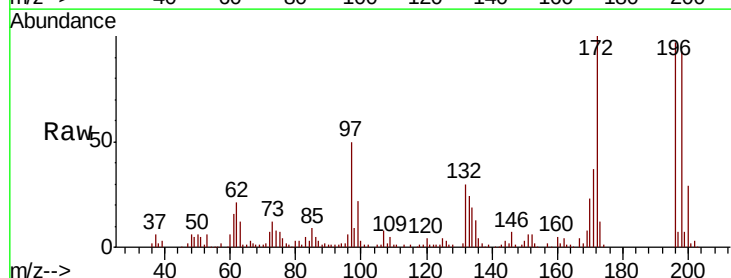


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

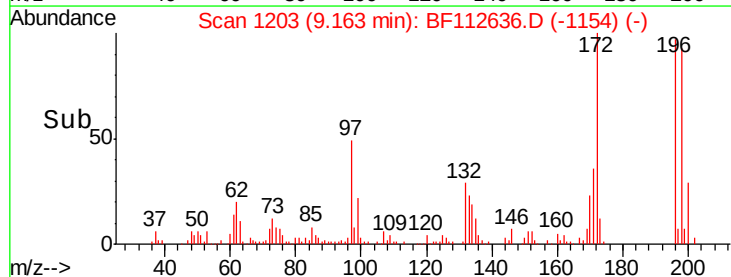
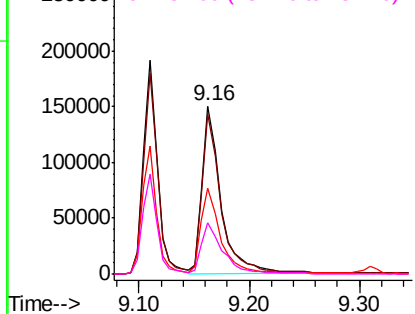


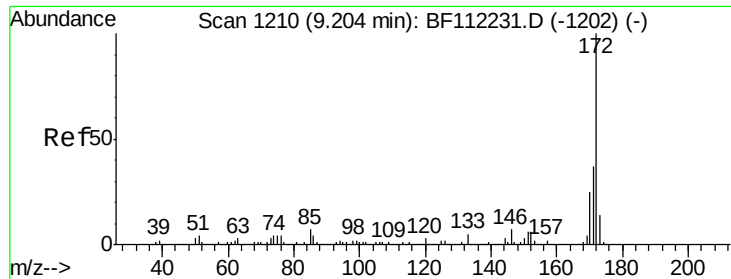
#44
 2,4,5-Trichlorophenol
 Concen: 37.659 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion:196 Resp: 174083
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.0 114.0
 97 51.3 36.4 54.6
 132 30.7 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

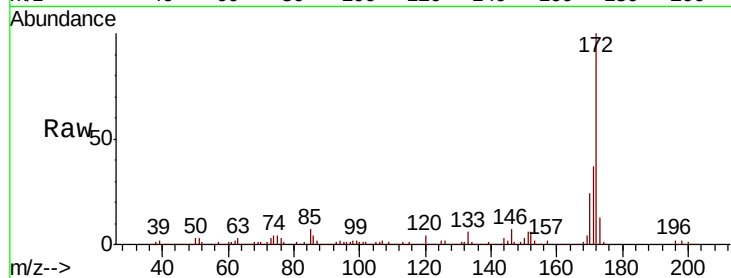




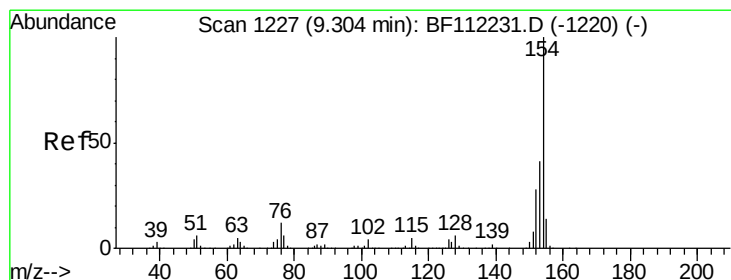
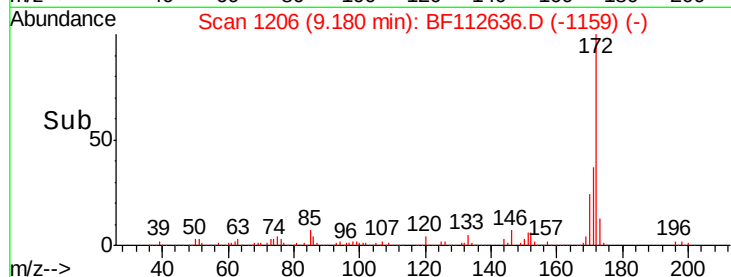
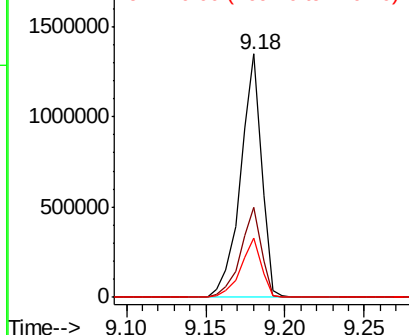
#45
2-Fluorobiphenyl
Concen: 80.079 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1237365
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.3 20.2 30.4

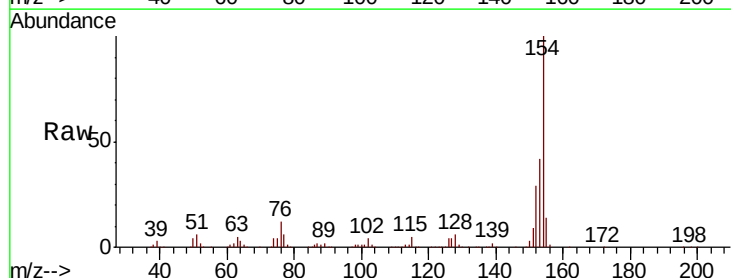


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

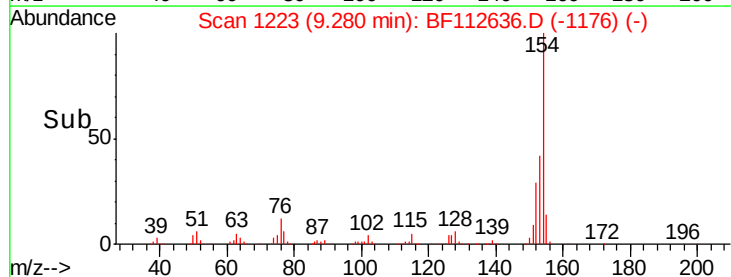
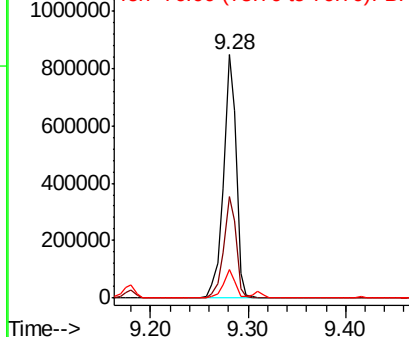


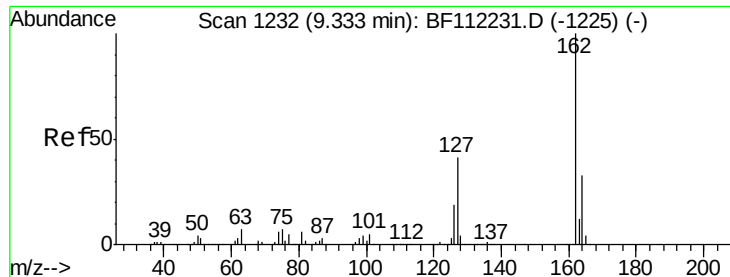
#46
1,1'-Biphenyl
Concen: 40.077 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:154 Resp: 765705
Ion Ratio Lower Upper
154 100
153 41.7 21.5 61.5
76 11.9 0.0 33.1



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

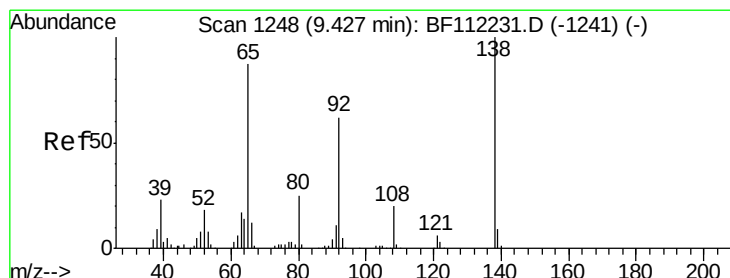
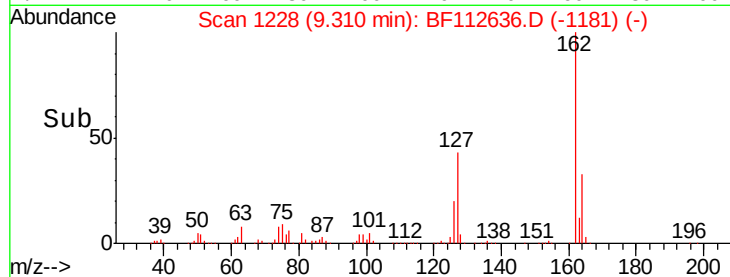
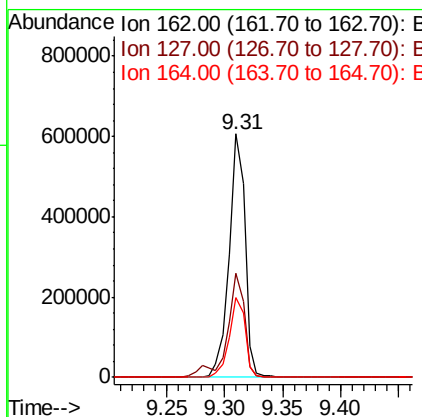
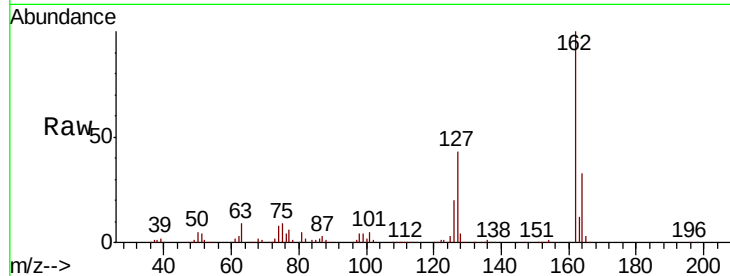




#47
 2-Chloronaphthalene
 Concen: 39.300 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

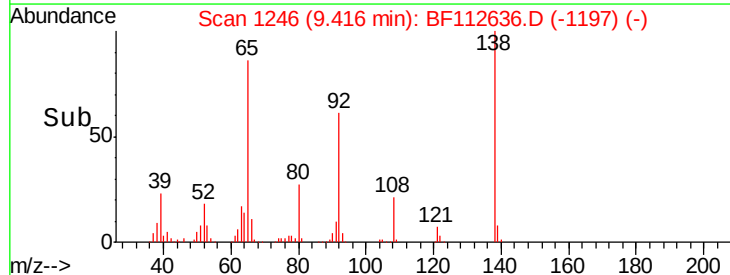
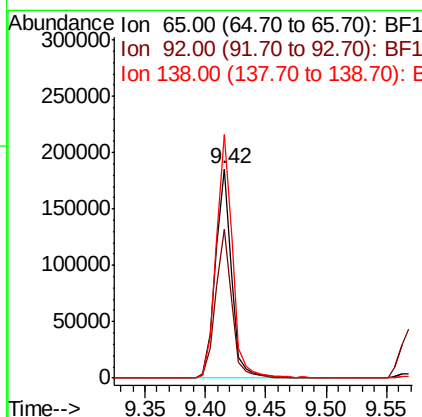
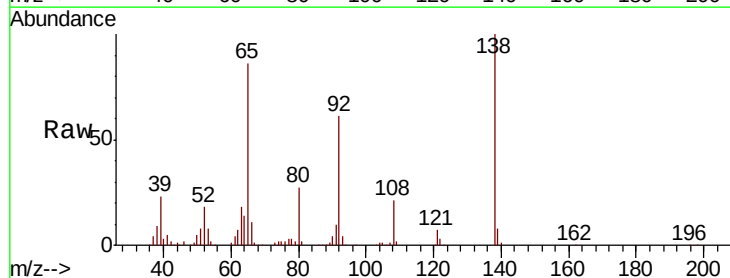
Instrument :
 BNA_F
 ClientSampleId :

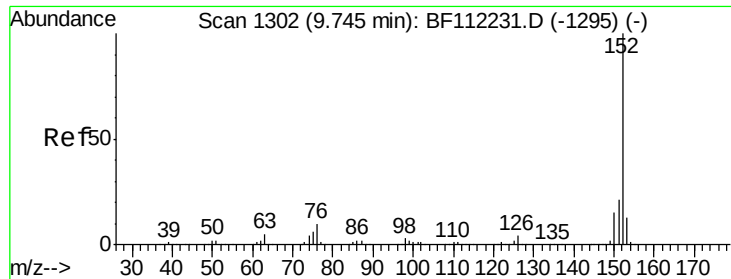
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	30.4	45.6
164	32.8	27.4	41.2



#48
 2-Nitroaniline
 Concen: 41.897 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	60.4	90.6
138	116.2	104.4	156.6





#49

Acenaphthylene

Concen: 39.504 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

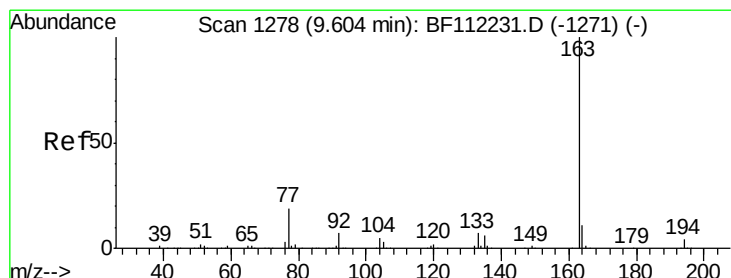
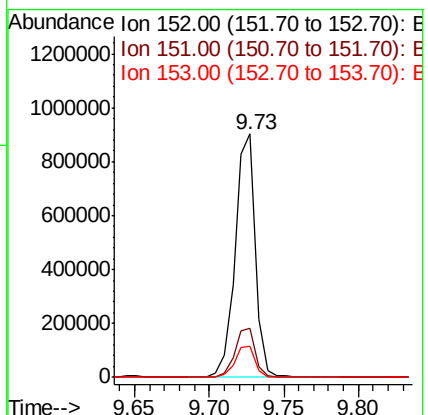
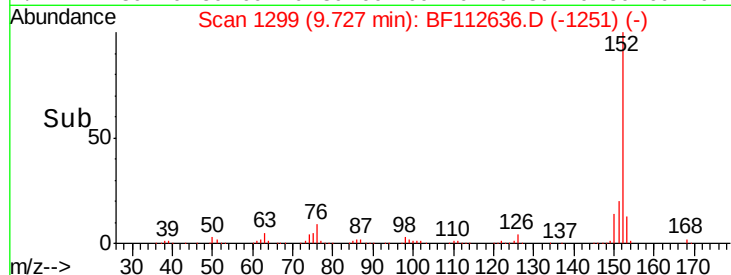
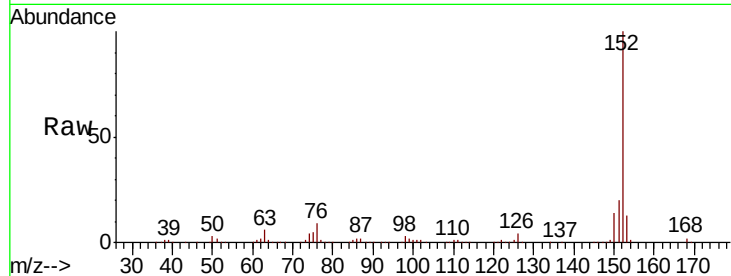
Tot Ion:152 Resp: 857862

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

153 13.0 11.2 16.8



#50

Dimethylphthalate

Concen: 39.780 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

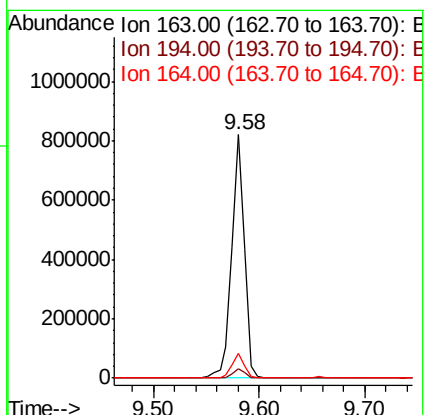
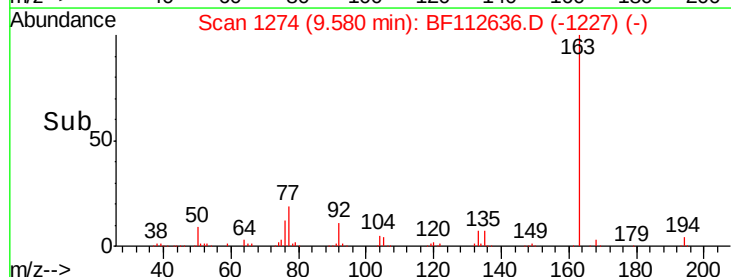
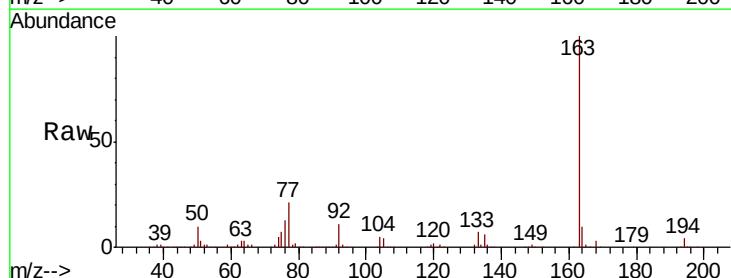
Tgt Ion:163 Resp: 675439

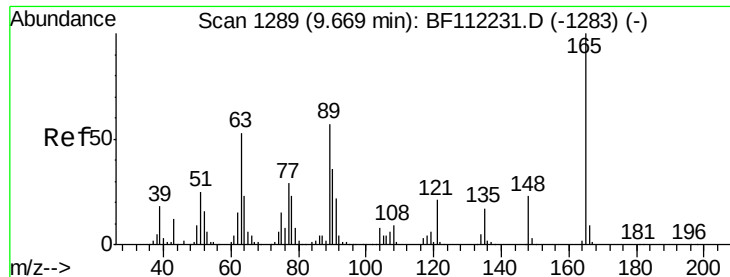
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 40.180 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

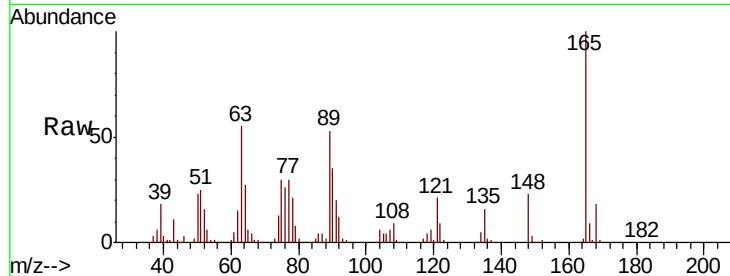
Tot Ion:165 Resp: 152795

Ion Ratio Lower Upper

165 100

63 55.2 33.8 50.8#

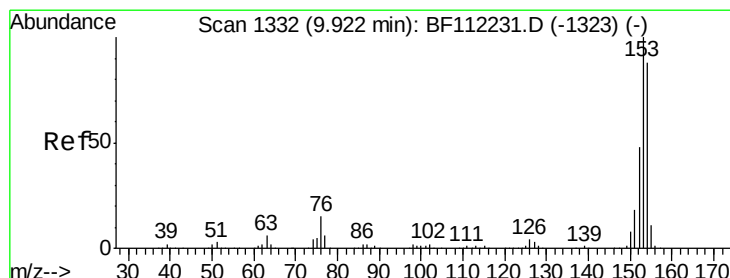
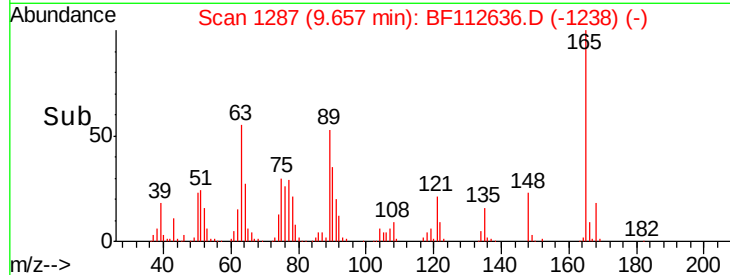
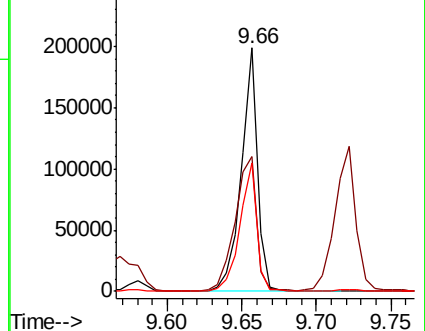
89 52.5 36.9 55.3



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: 40.558 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

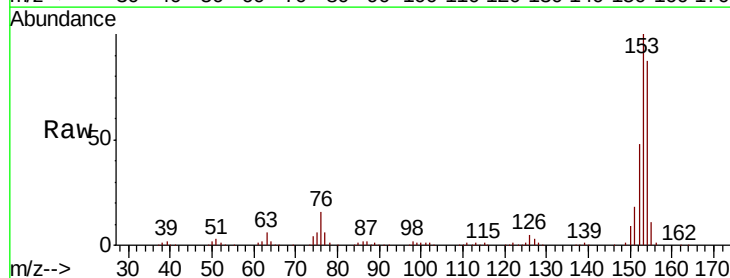
Tgt Ion:154 Resp: 526125

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

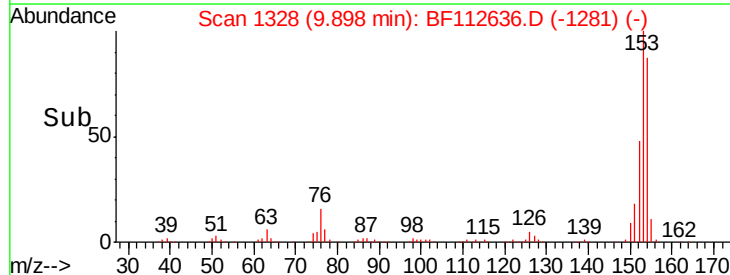
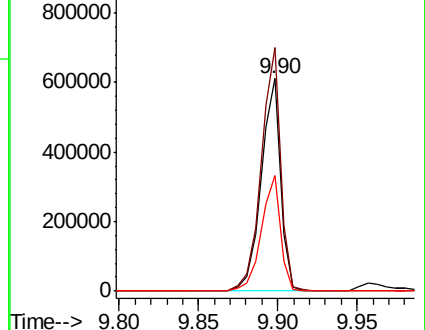
152 54.4 43.5 65.3

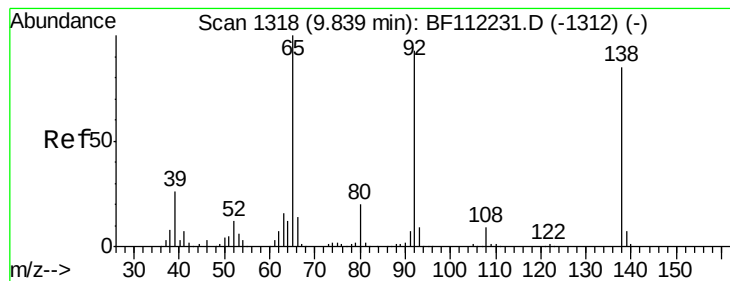


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

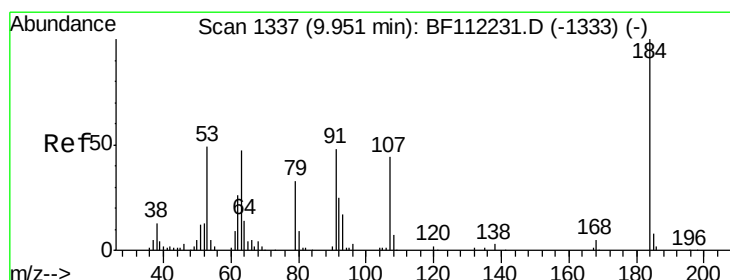
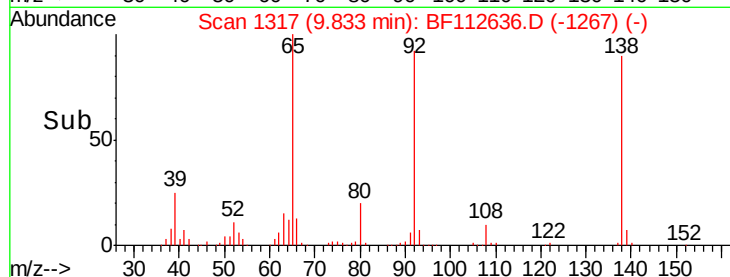
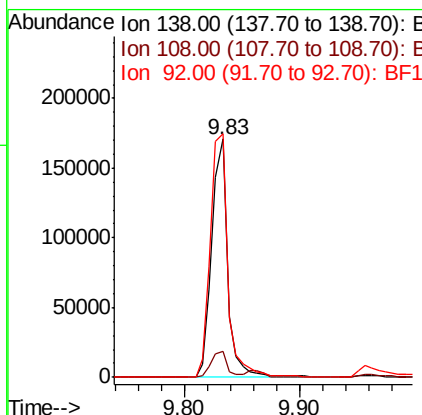
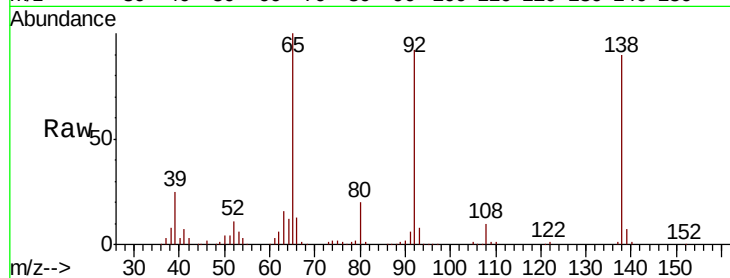




#53
 3-Nitroaniline
 Concen: 40.490 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

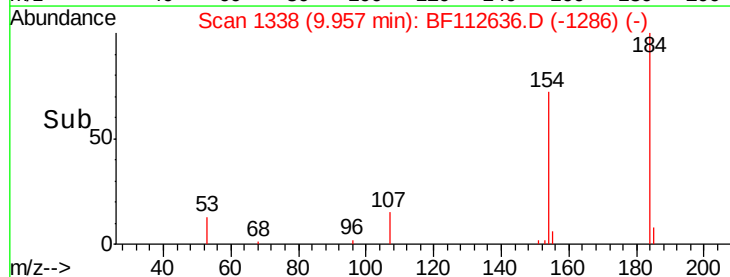
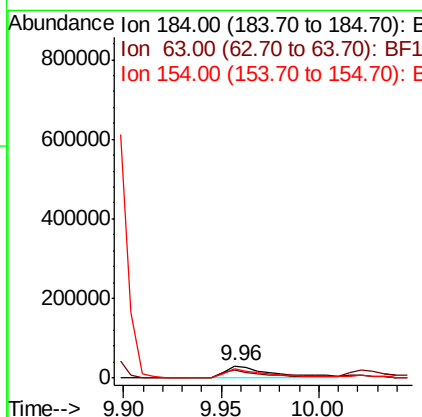
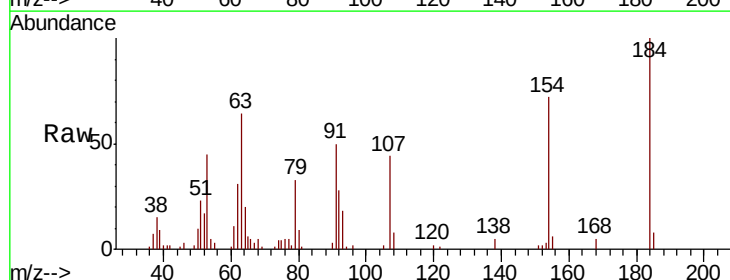
Instrument :
 BNA_F
 ClientSampleId :

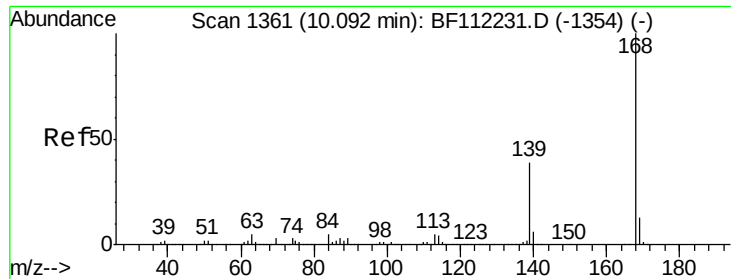
Tot Ion:138 Resp: 166811
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.6
 92 102.2 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 41.921 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion:184 Resp: 51161
 Ion Ratio Lower Upper
 184 100
 63 63.6 47.1 70.7
 154 72.0 48.9 73.3





#55

Dibenzofuran

Concen: 39.915 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

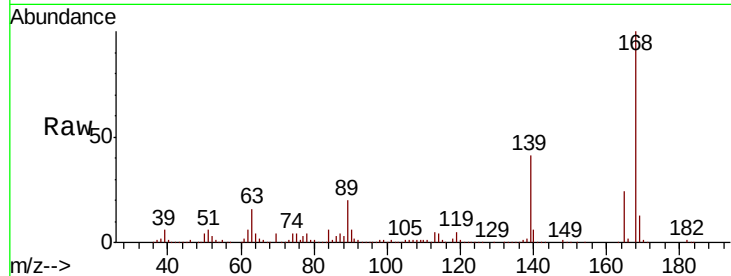
Tot Ion:168 Resp: 791264

Ion Ratio Lower Upper

168 100

139 41.2 29.2 43.8

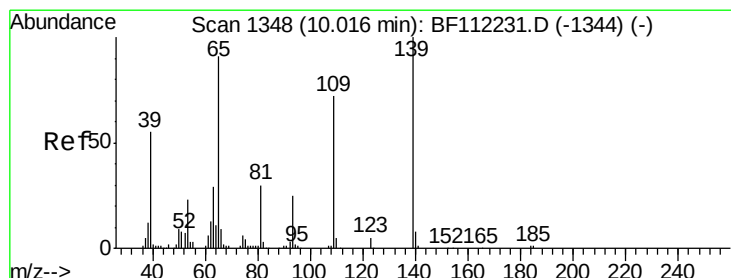
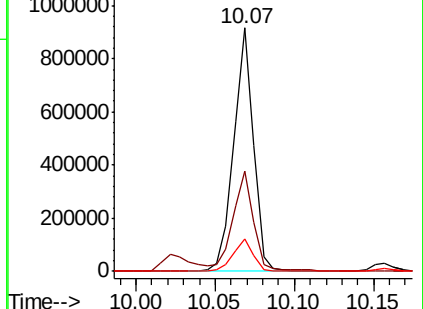
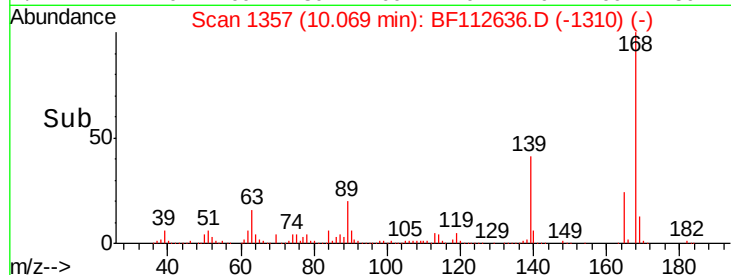
169 13.2 11.4 17.0



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: 37.236 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

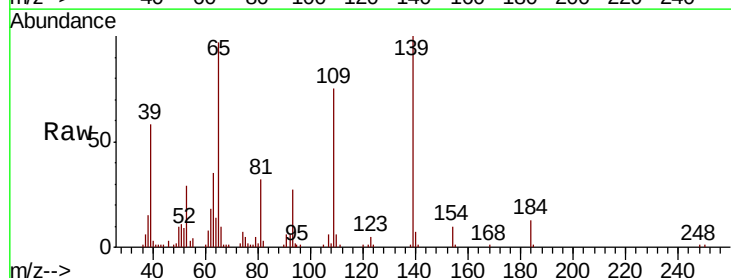
Tgt Ion:139 Resp: 81103

Ion Ratio Lower Upper

139 100

109 74.5 42.8 82.8

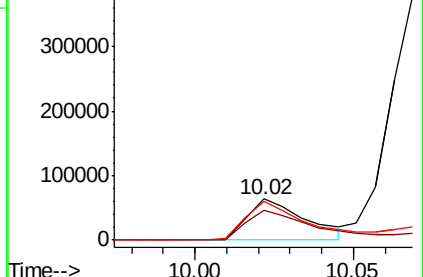
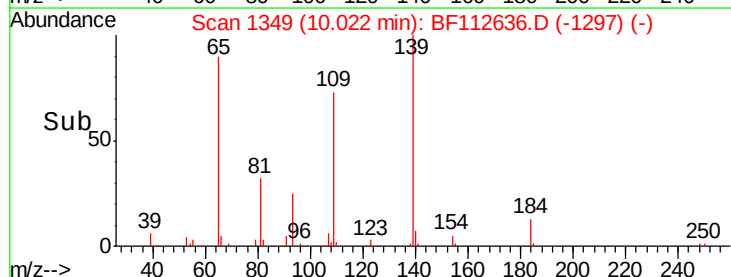
65 96.7 66.1 106.1

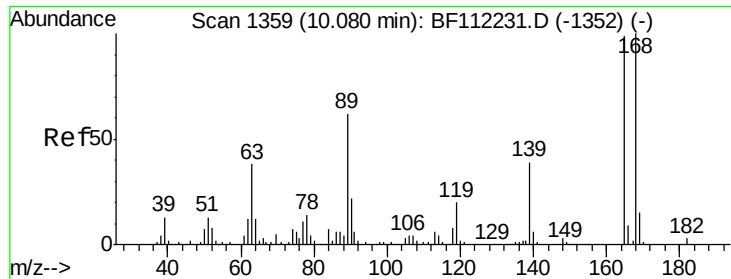


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

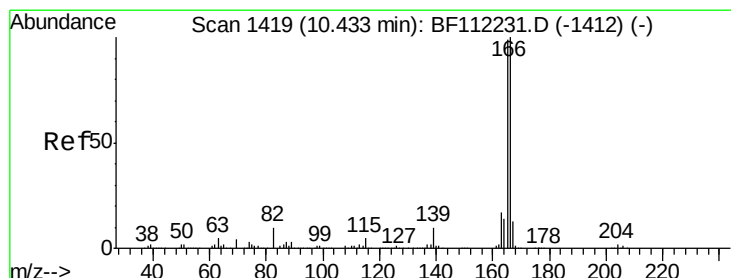
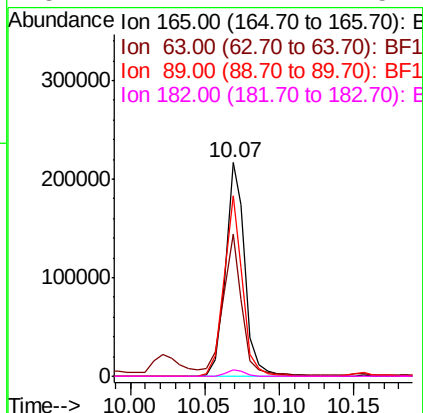
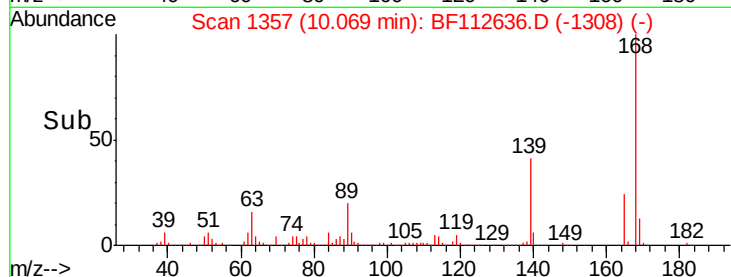
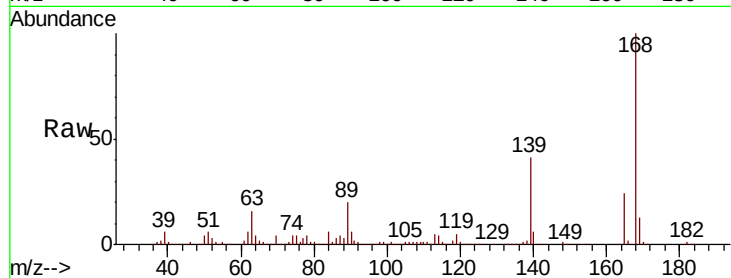




#57
2,4-Dinitrotoluene
Concen: 41.251 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

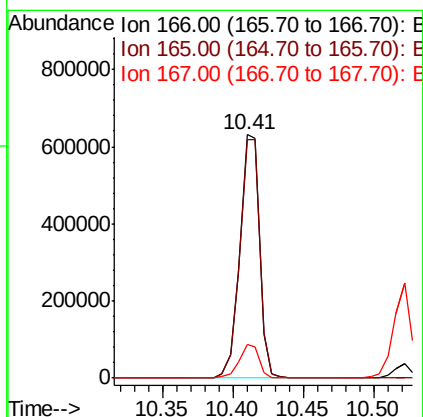
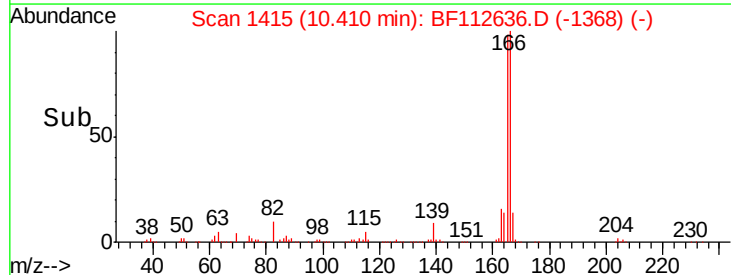
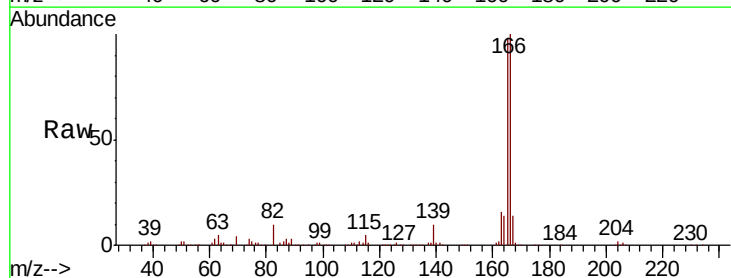
Instrument :
BNA_F
ClientSampleId :

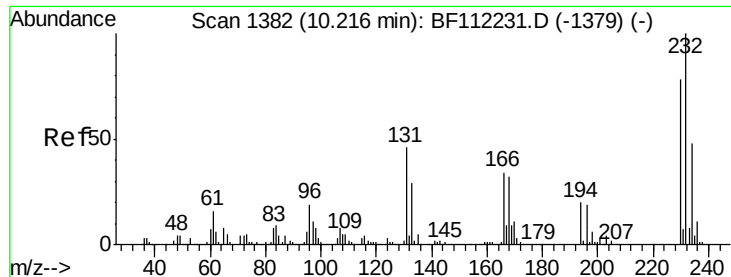
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.4	27.9	41.9#
89	84.3	47.9	71.9#
182	2.7	2.2	3.4



#58
Fluorene
Concen: 41.367 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.1	115.7
167	13.6	11.3	16.9

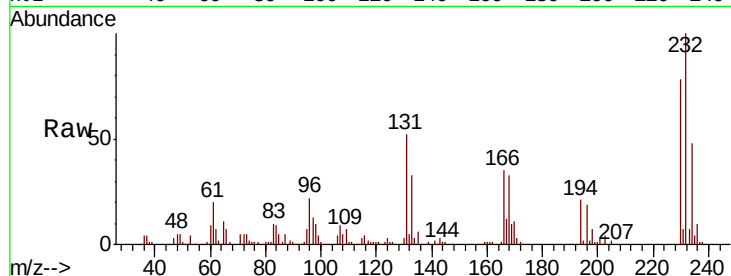




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.130 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	33.9	50.9
130	2.6	1.8	2.6
166	30.8	23.6	35.4



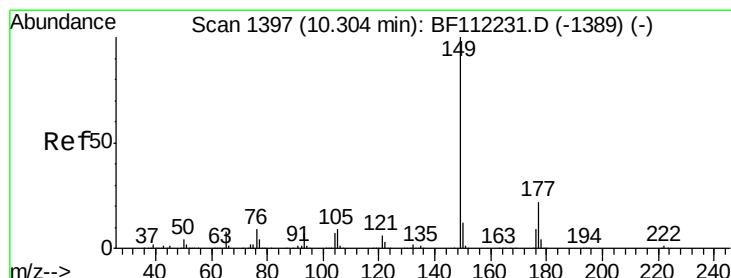
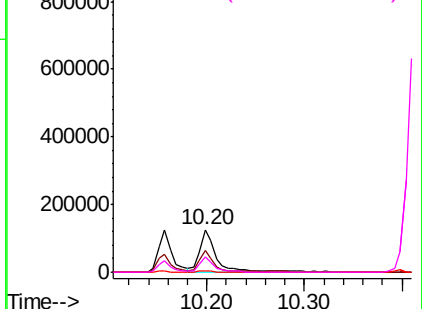
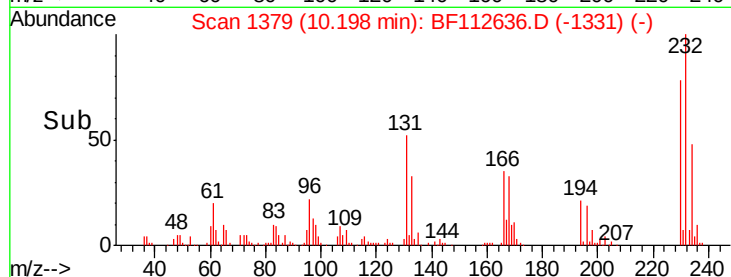
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

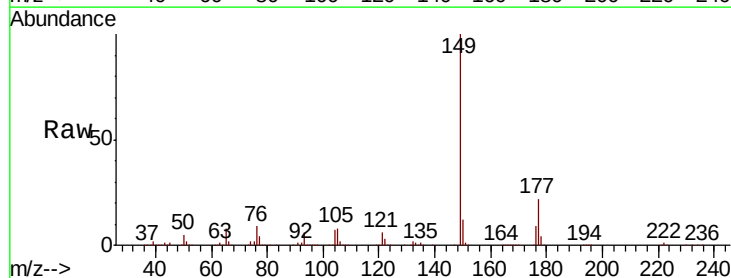
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.393 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.2	27.2
150	12.5	10.4	15.6

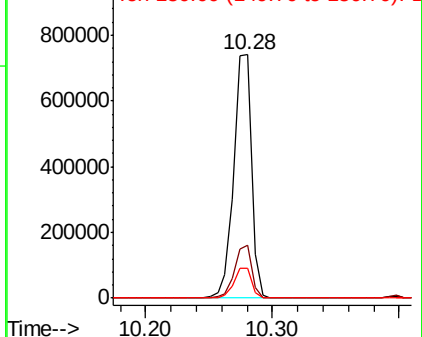
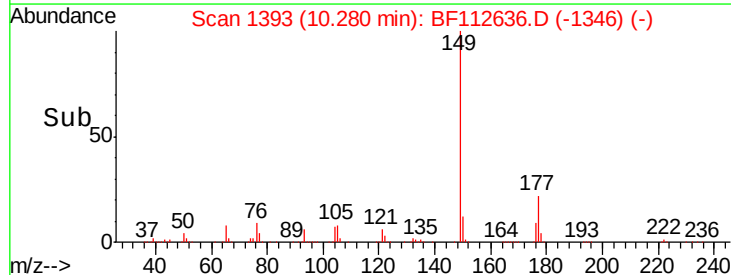


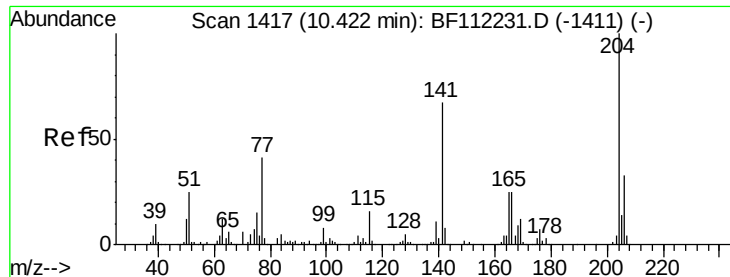
Abundance

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

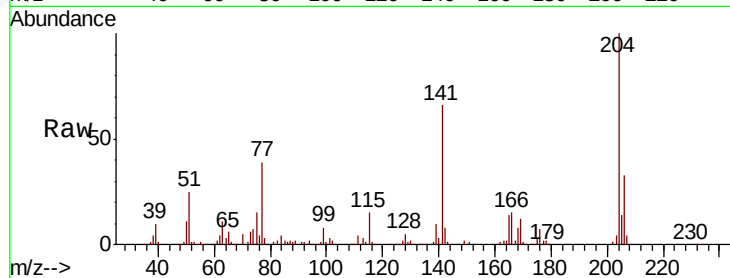




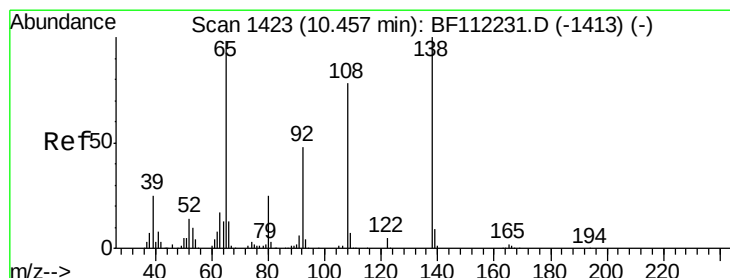
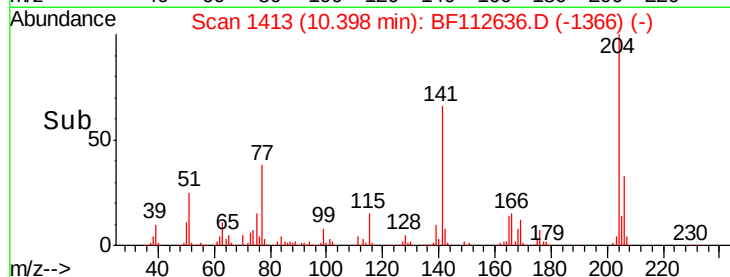
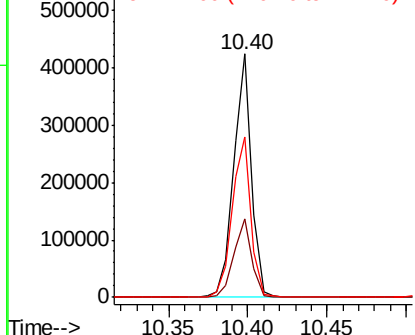
#61
 4-Chlorophenyl-phenylether
 Concen: 40.879 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 329876
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.5 39.7
 141 66.1 45.9 68.9

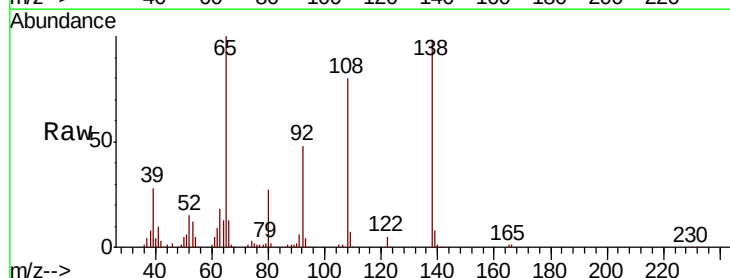


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

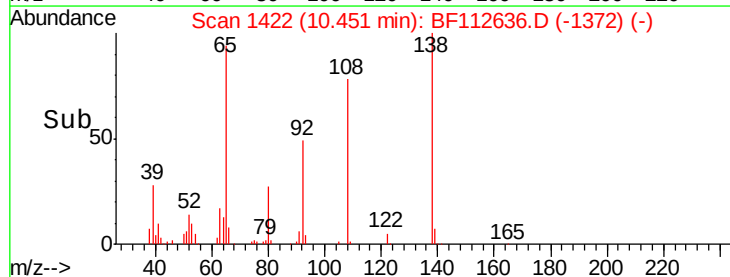
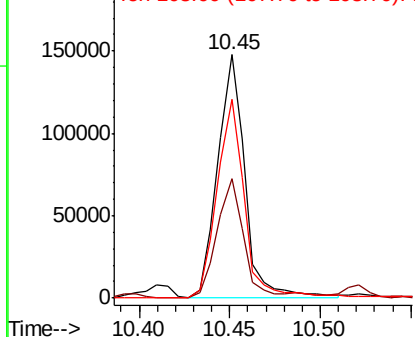


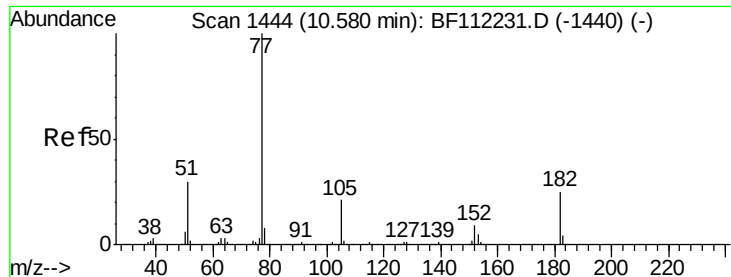
#62
 4-Nitroaniline
 Concen: 38.068 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion:138 Resp: 153833
 Ion Ratio Lower Upper
 138 100
 92 49.1 30.6 70.6
 108 81.5 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

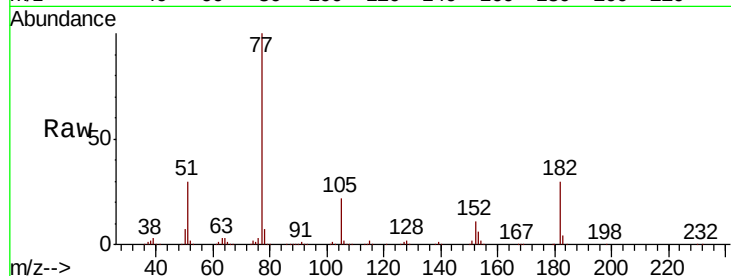




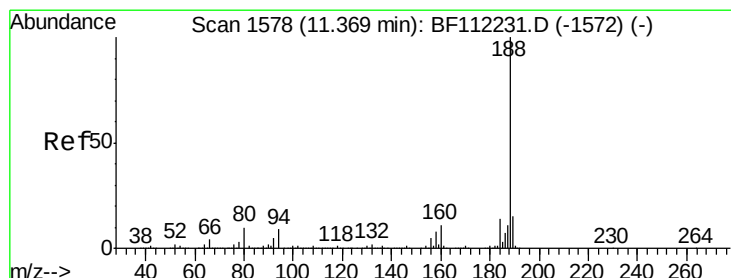
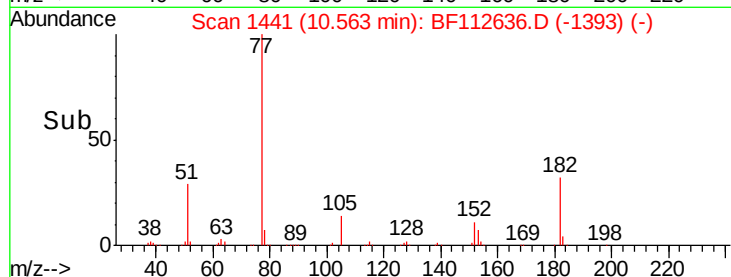
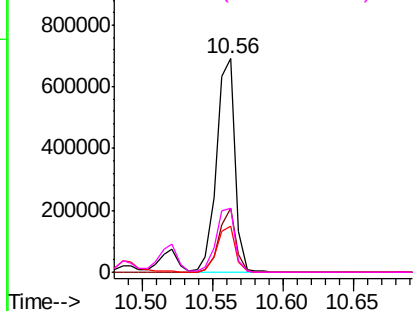
#63
Azobenzene
Concen: 42.182 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	625116
Ion	Ratio	Lower	Upper
77	100		
182	30.2	5.7	45.7
105	21.8	1.4	41.4
51	30.2	9.5	49.5

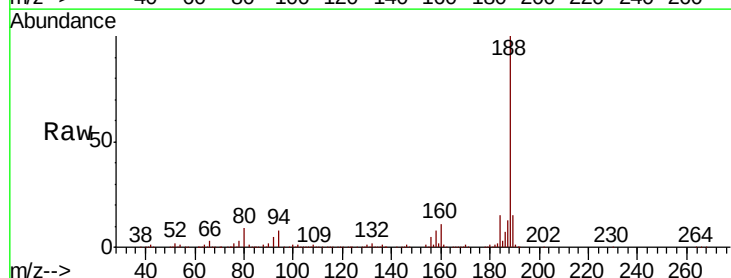


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

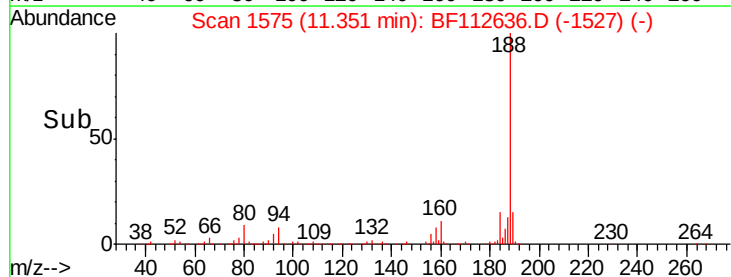
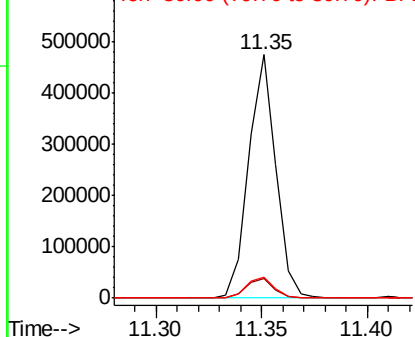


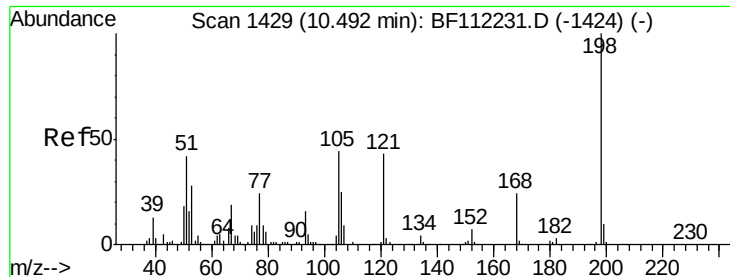
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:	188	Resp:	426157
Ion	Ratio	Lower	Upper
188	100		
94	7.8	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

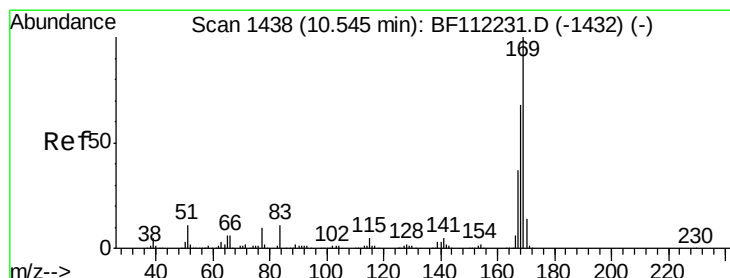
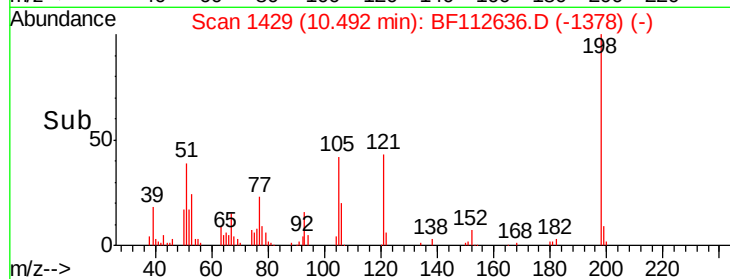
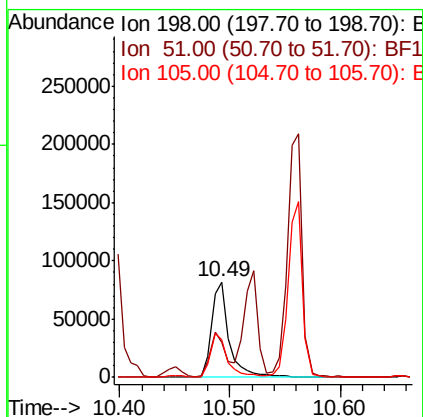
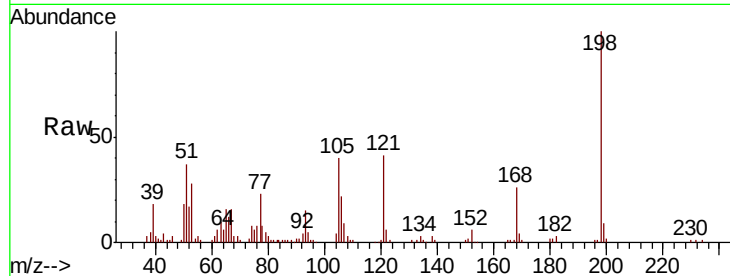




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.453 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

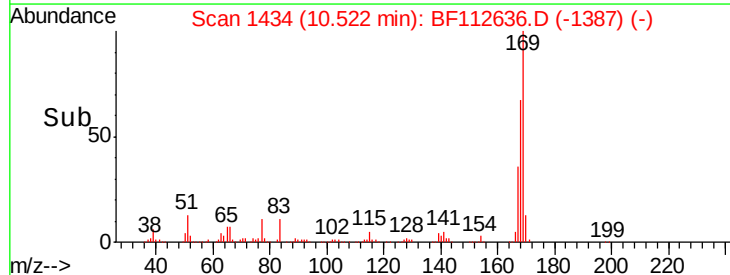
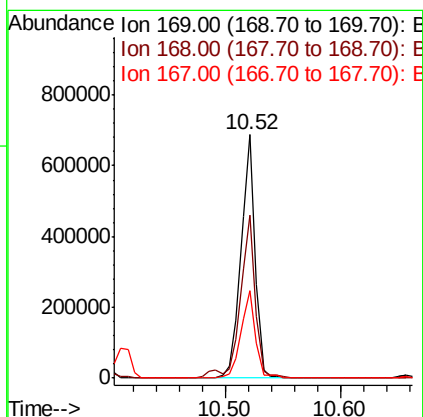
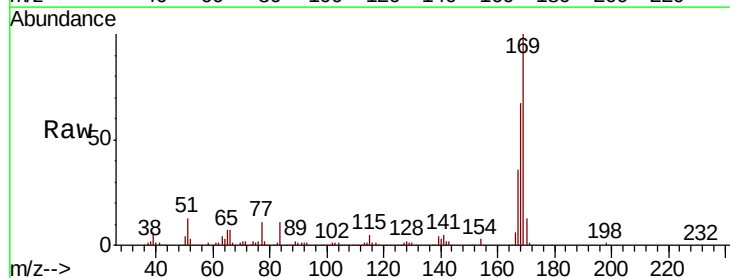
Instrument :
 BNA_F
 ClientSampled :

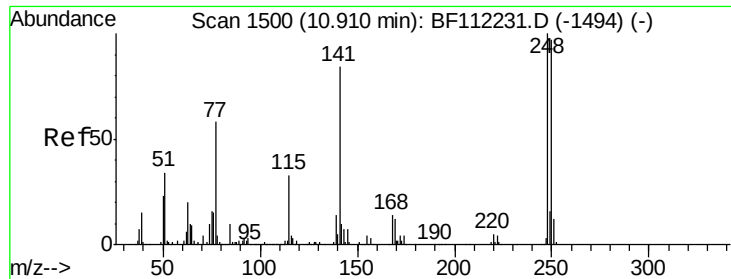
Tot Ion	198	Resp	89487
Ion Ratio	100	Lower	Upper
51	36.5	17.2	57.2
105	39.6	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.875 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	169	Resp	587070
Ion Ratio	100	Lower	Upper
168	66.8	53.9	80.9
167	35.9	28.9	43.3

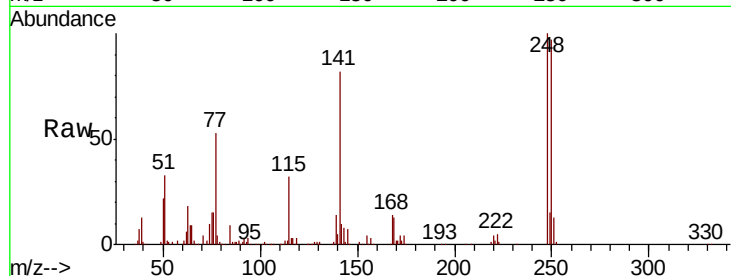




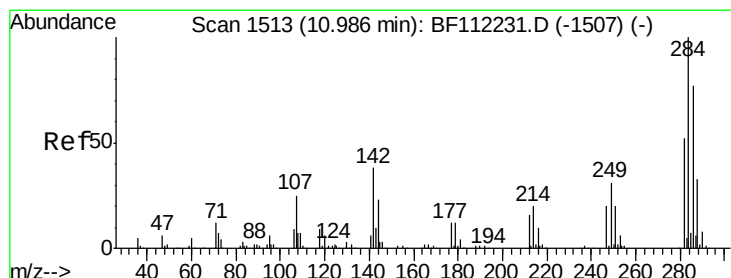
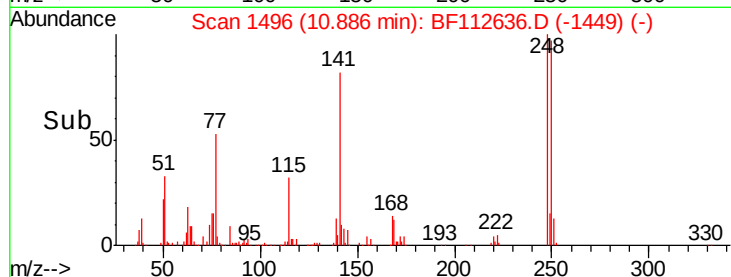
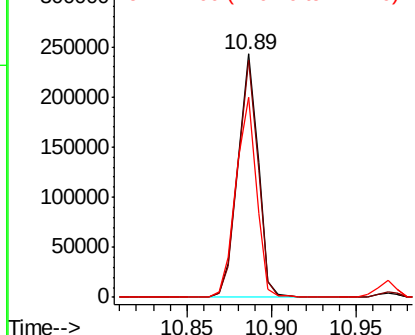
#67
4-Bromophenyl-phenylether
Concen: 40.491 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 202948
Ion Ratio Lower Upper
248 100
250 97.4 79.7 119.5
141 82.3 60.3 90.5

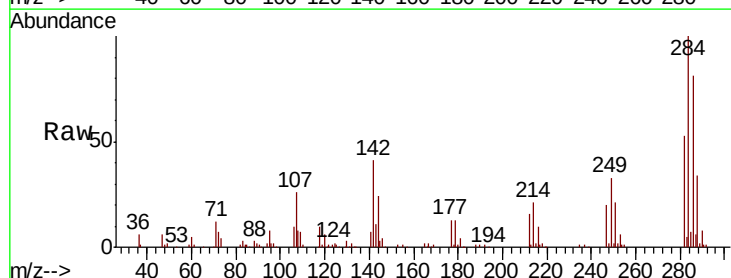


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

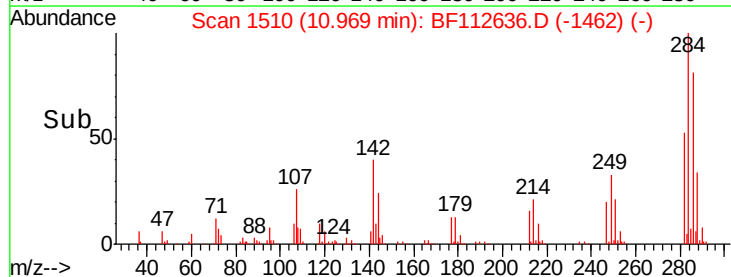
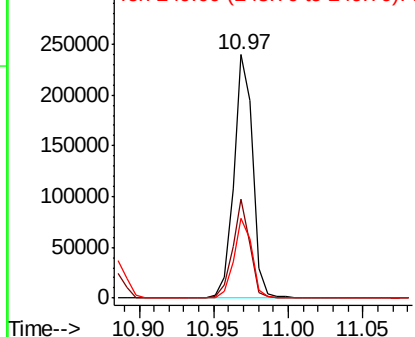


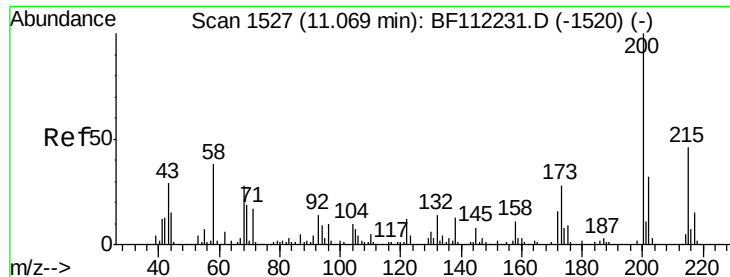
#68
Hexachlorobenzene
Concen: 39.729 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:284 Resp: 213644
Ion Ratio Lower Upper
284 100
142 40.6 27.6 41.4
249 32.8 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

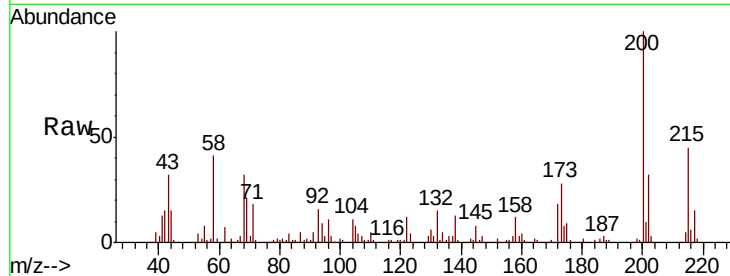




#69
 Atrazine
 Concen: 32.962 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.1	47.1
215	45.0	30.4	70.4

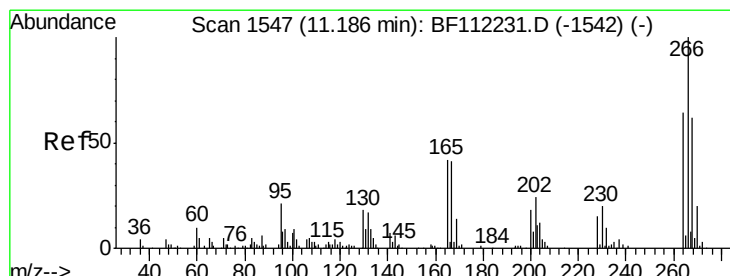
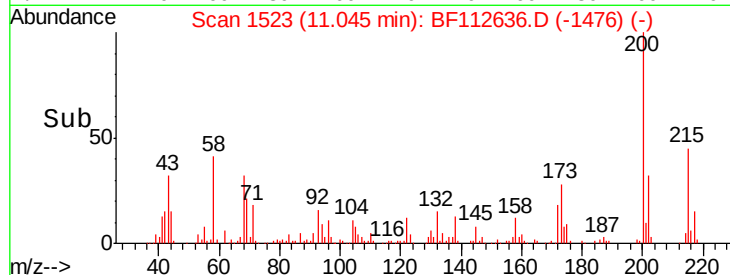
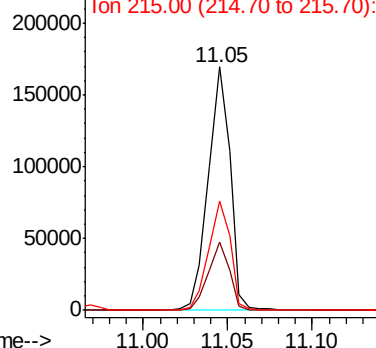


Abundance

Ion 200.00 (199.70 to 200.70): E

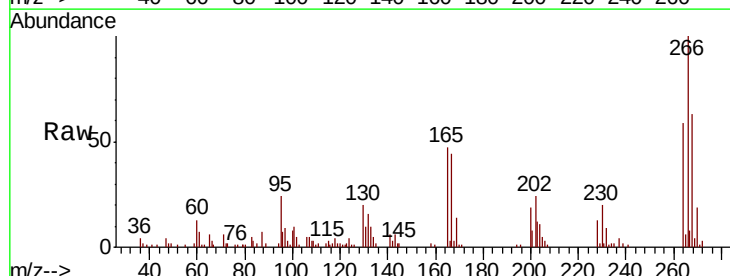
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.974 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	59.2	50.9	76.3

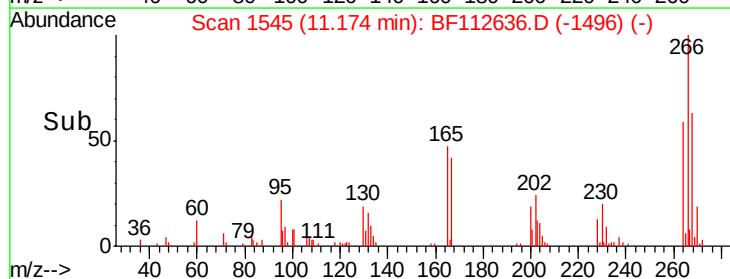
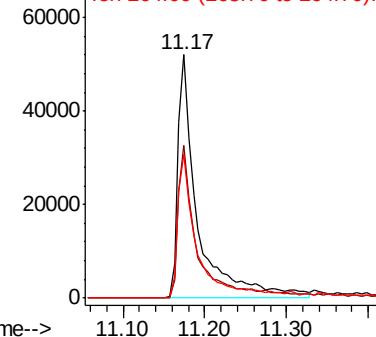


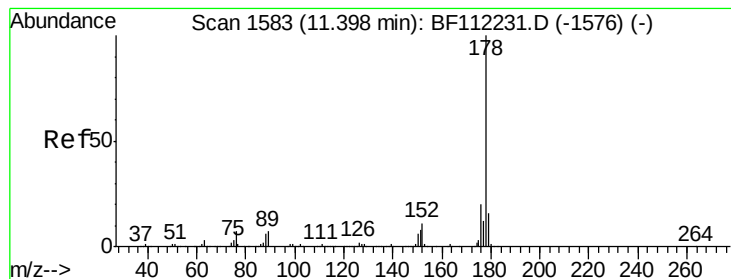
Abundance

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: 39.697 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

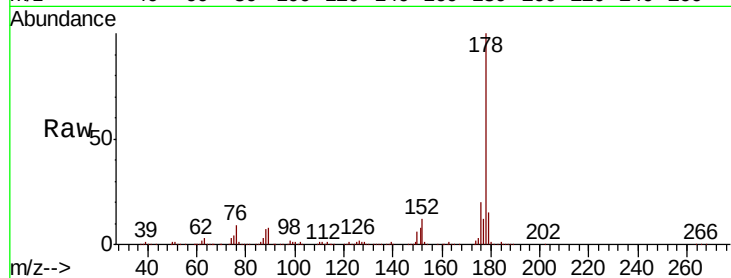
Tot Ion:178 Resp: 879494

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

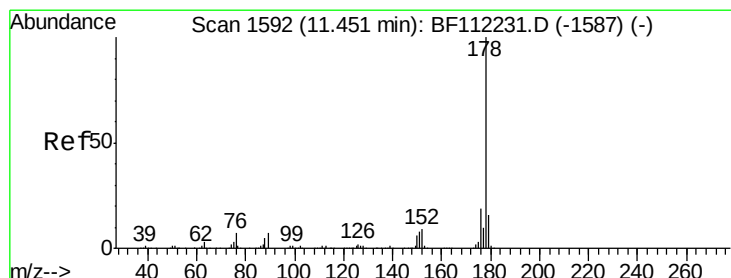
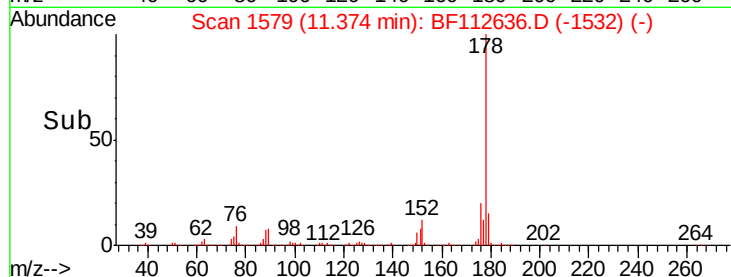
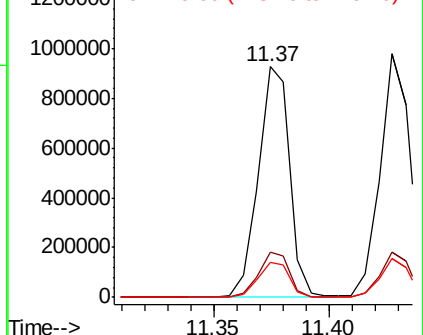
179 15.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.073 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

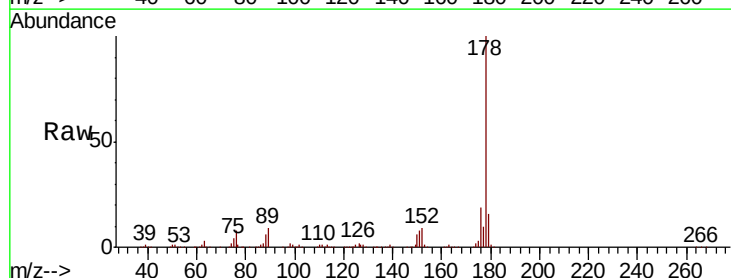
Tgt Ion:178 Resp: 884392

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

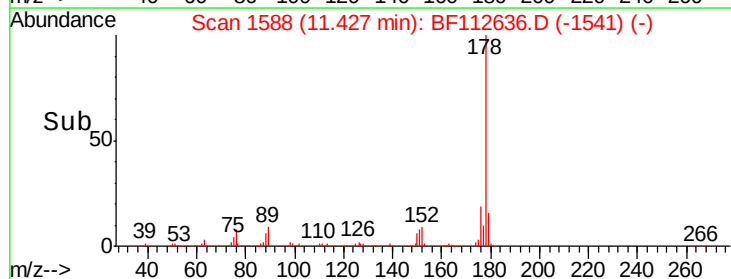
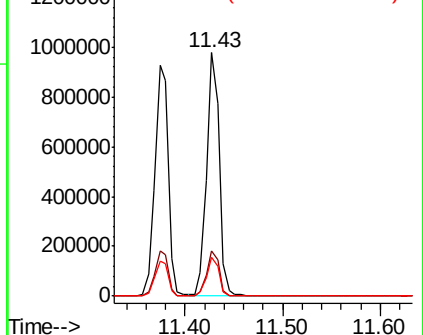
179 15.9 12.8 19.2

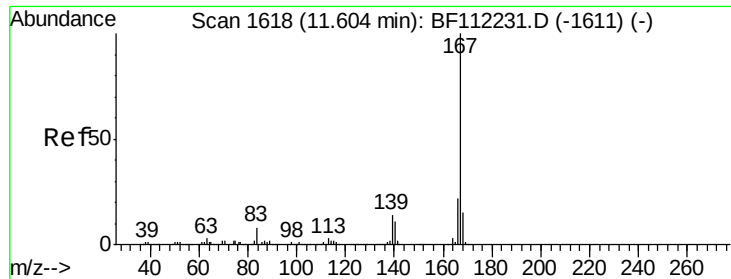


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

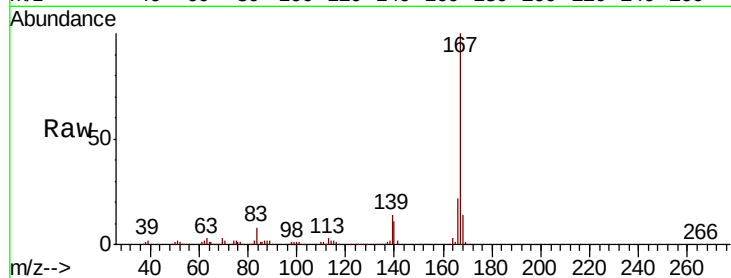




#73
 Carbazole
 Concen: 40.074 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	14.1	10.2	15.2

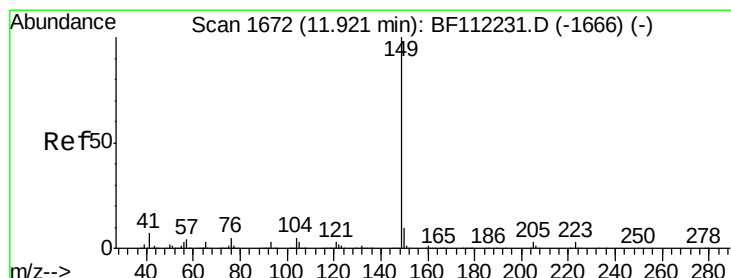
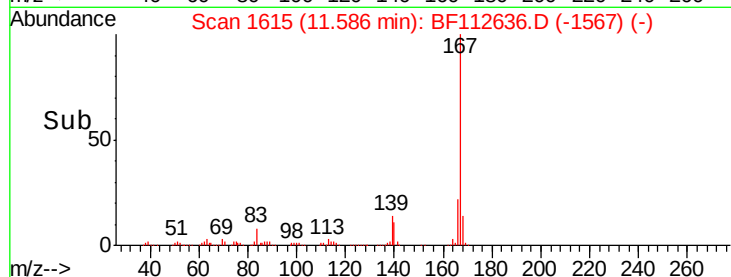
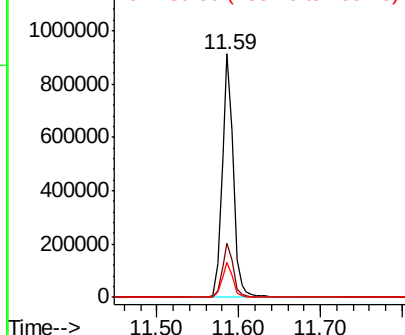


Abundance

Ion 167.00 (166.70 to 167.70): E

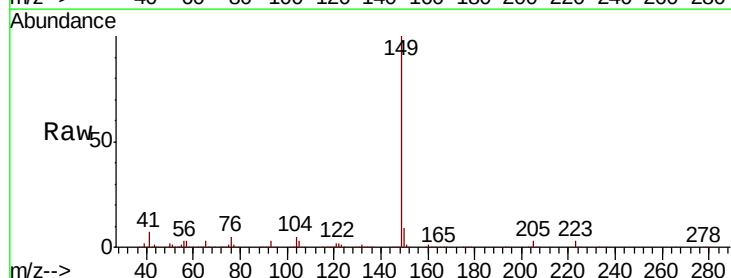
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.747 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	5.1	3.9	5.9

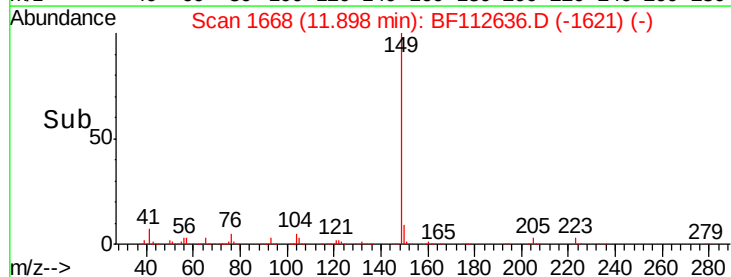
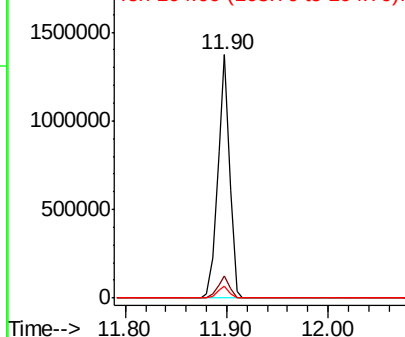


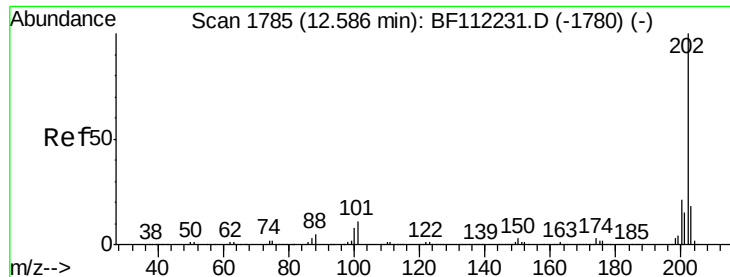
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.194 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

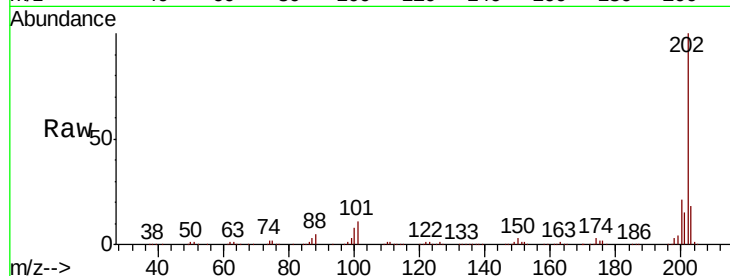
Tot Ion:202 Resp: 883828

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.8

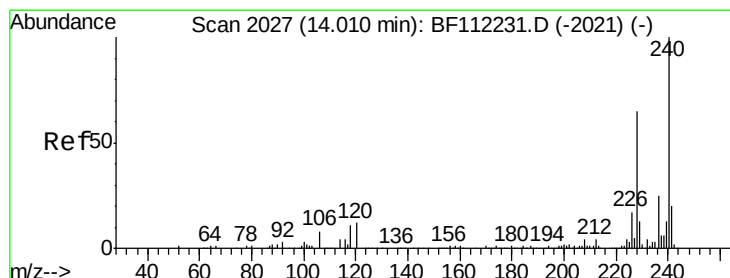
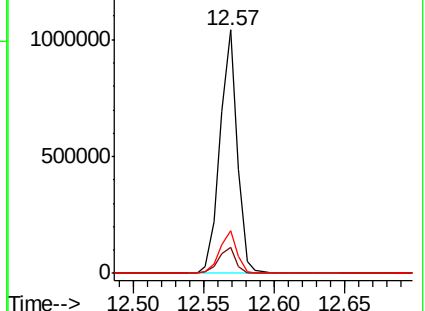
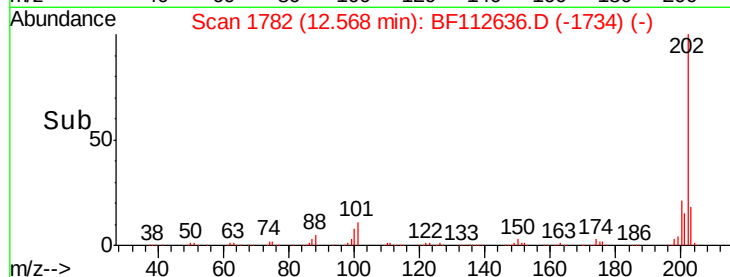
203 17.5 0.0 38.4



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: BF112636.D

Acq: 20 Feb 2019 12:28

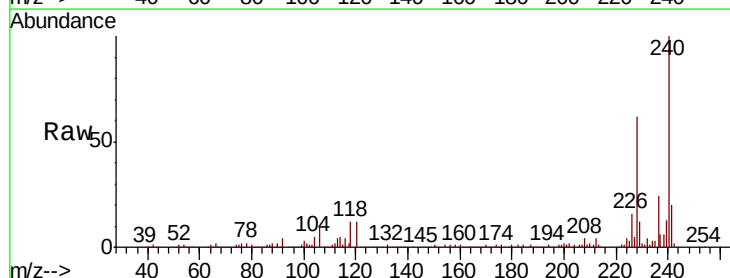
Tgt Ion:240 Resp: 306263

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.6

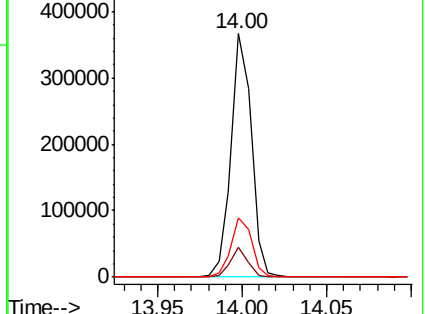
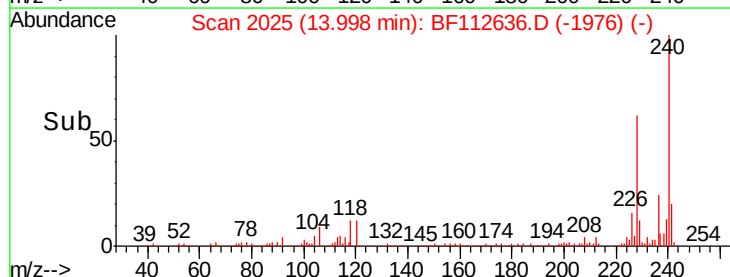
236 24.5 20.7 31.1

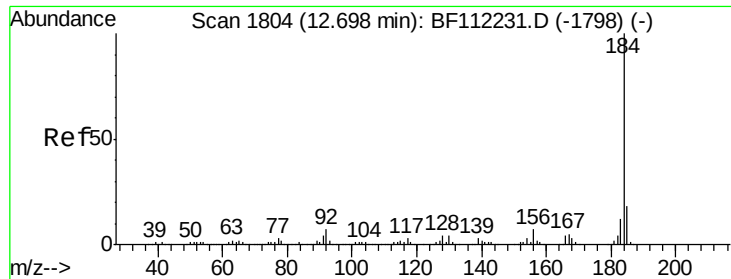


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.791 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

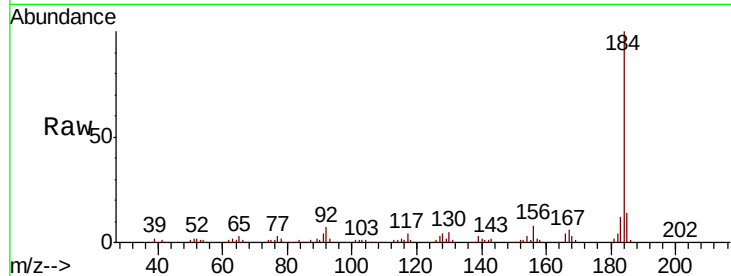
Tot Ion:184 Resp: 318557

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.9	20.9
183	11.7	10.0	15.0

184 100

185 14.1 13.9 20.9

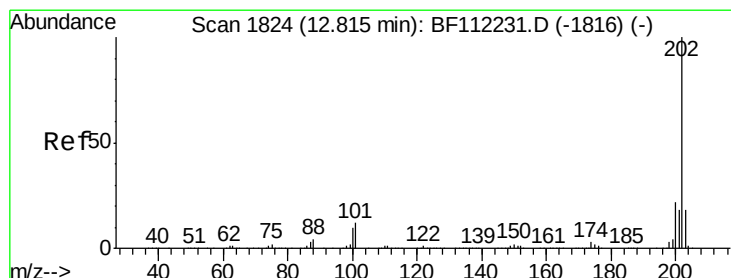
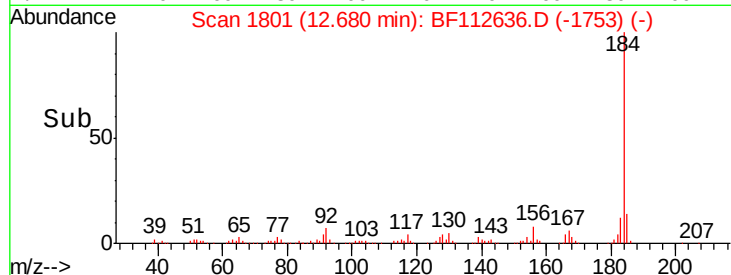
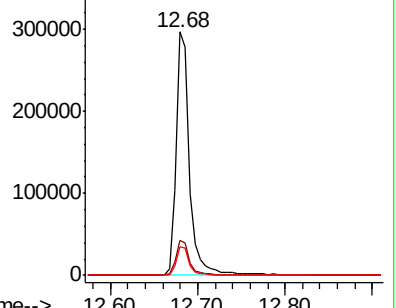
183 11.7 10.0 15.0



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: 42.672 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

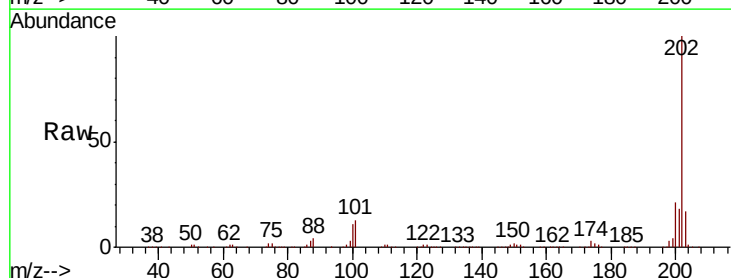
Tgt Ion:202 Resp: 904808

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.4	14.6	22.0

202 100

200 20.9 17.7 26.5

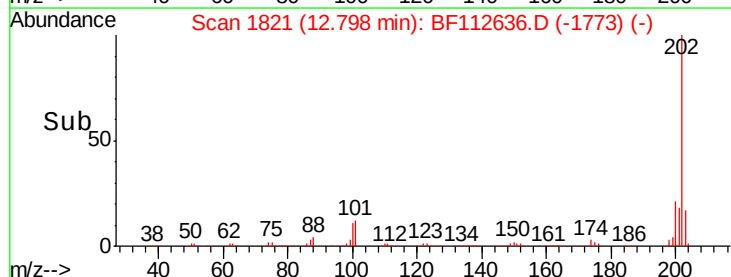
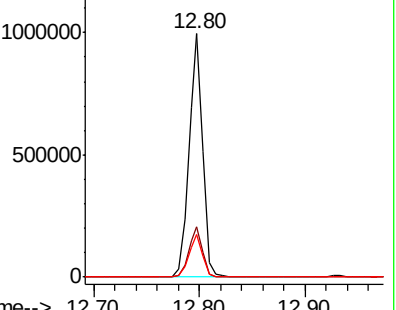
203 17.4 14.6 22.0

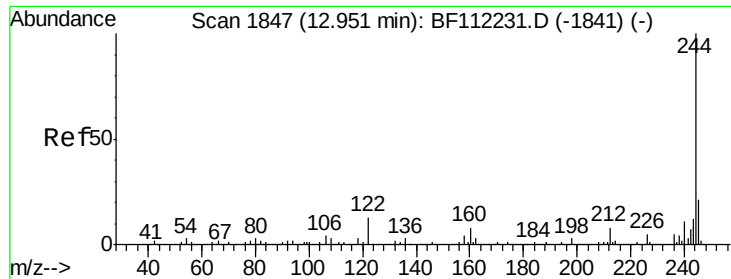


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

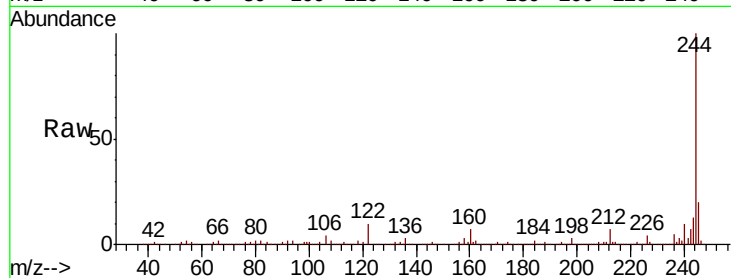




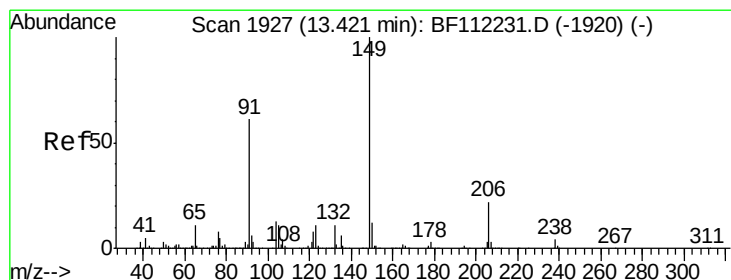
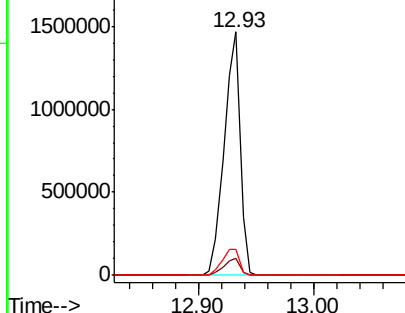
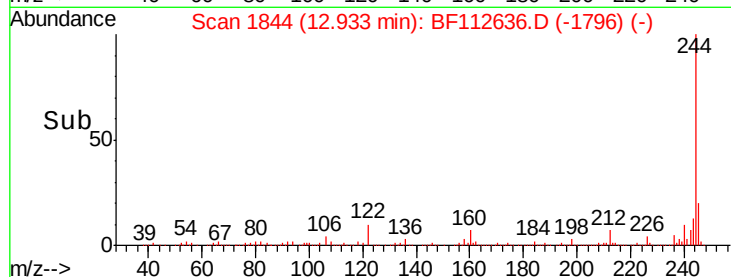
#79
 Terphenyl-d14
 Concen: 86.528 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1407014
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.4 9.8 14.6

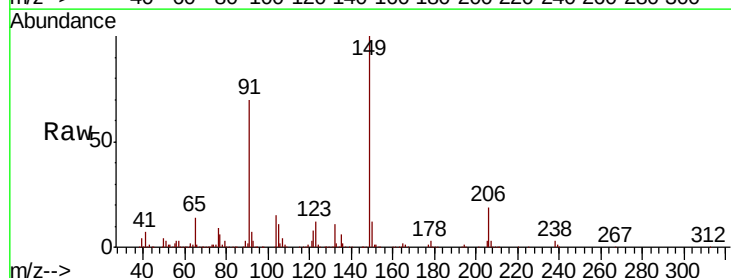


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

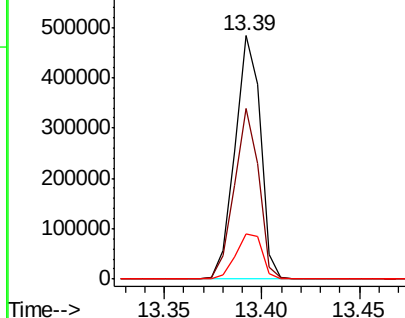
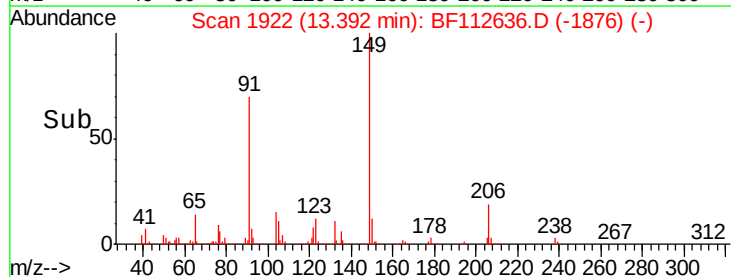


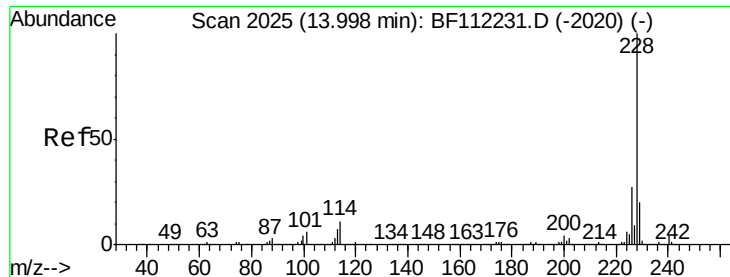
#80
 Butylbenzylphthalate
 Concen: 42.635 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.03 min
 Lab File: BF112636.D
 Acq: 20 Feb 2019 12:28

Tgt Ion:149 Resp: 437384
 Ion Ratio Lower Upper
 149 100
 91 70.1 50.3 75.5
 206 18.6 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.899 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

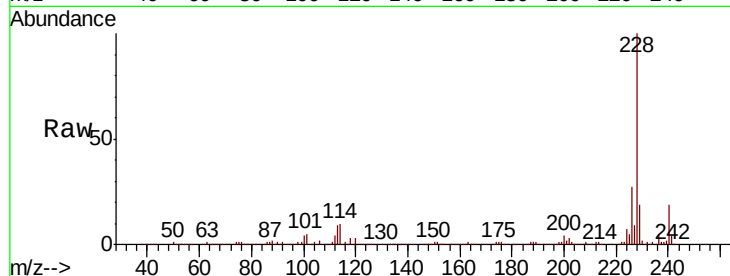
Tot Ion:228 Resp: 718336

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

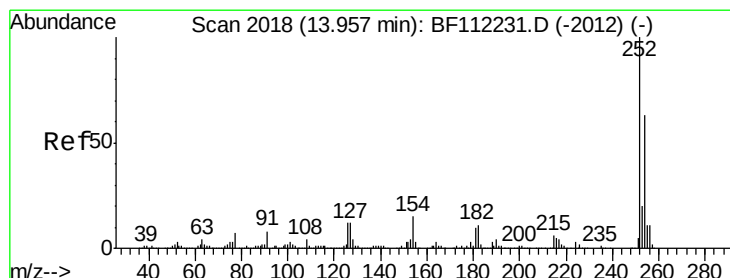
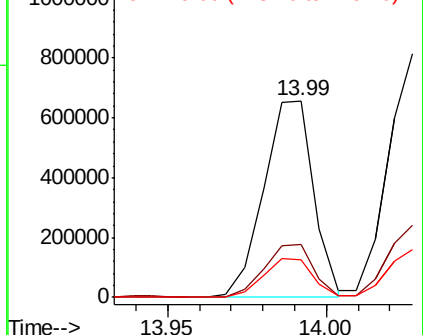
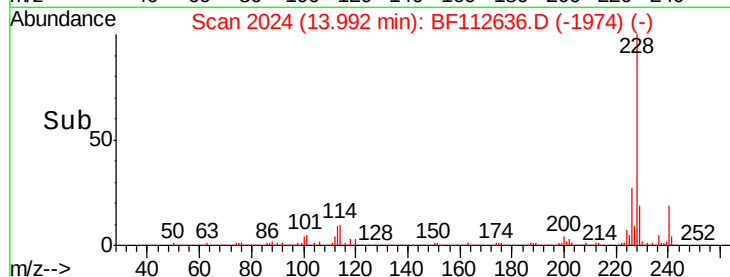
229 18.8 16.5 24.7



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: 39.789 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

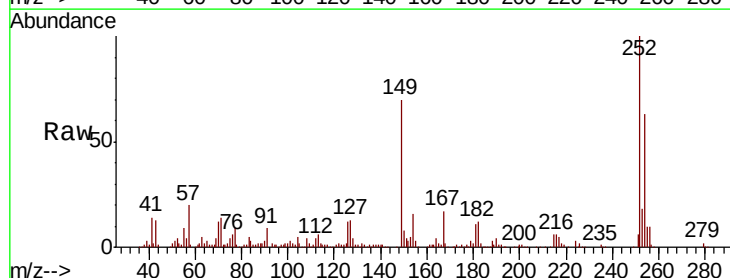
Tgt Ion:252 Resp: 268091

Ion Ratio Lower Upper

252 100

254 62.9 51.6 77.4

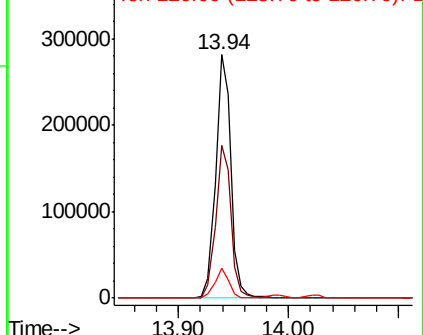
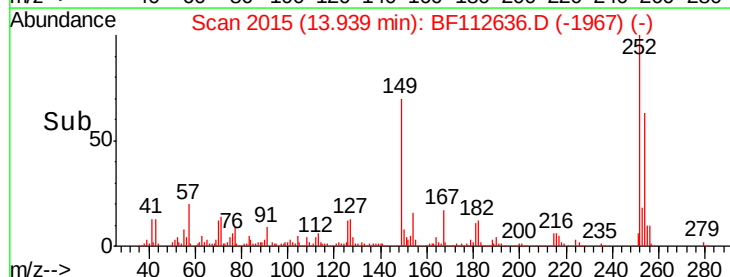
126 12.3 8.6 12.8

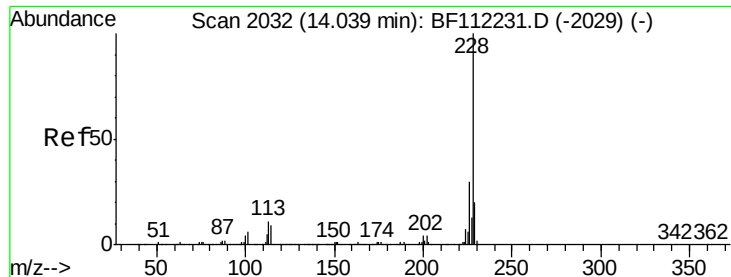


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

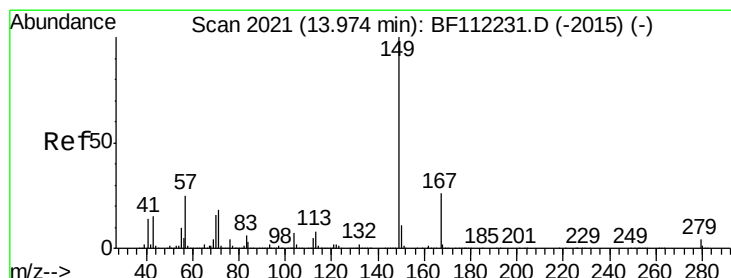
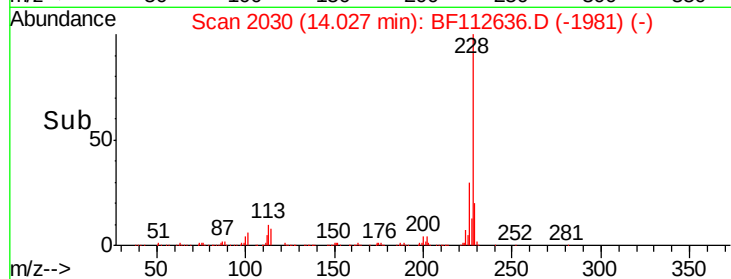
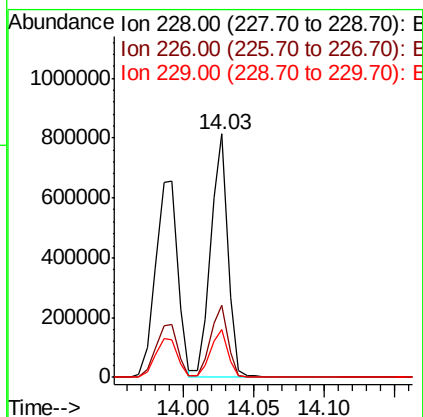
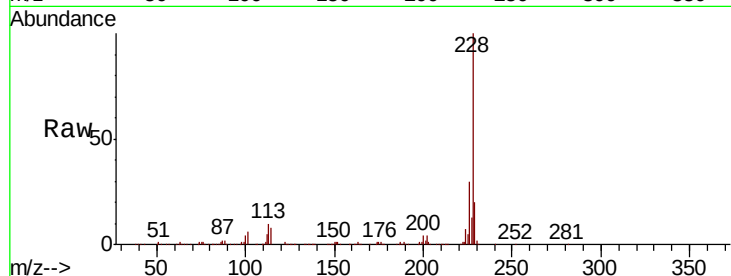




#83
Chrysene
Concen: 39.796 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

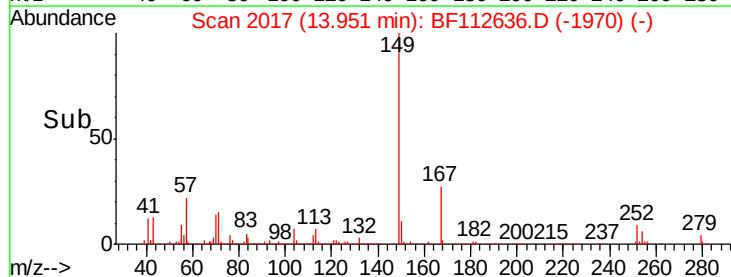
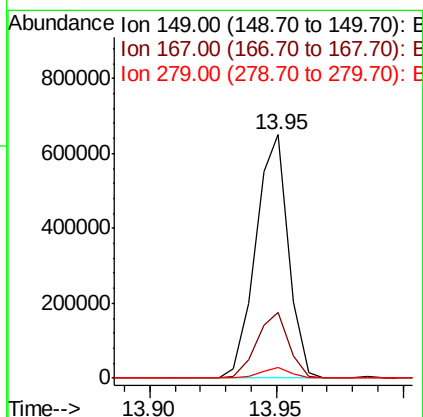
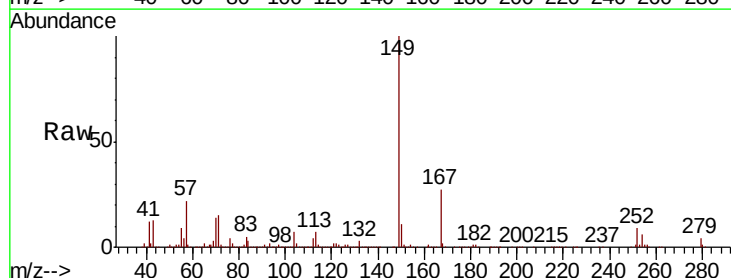
Instrument :
BNA_F
ClientSampled :

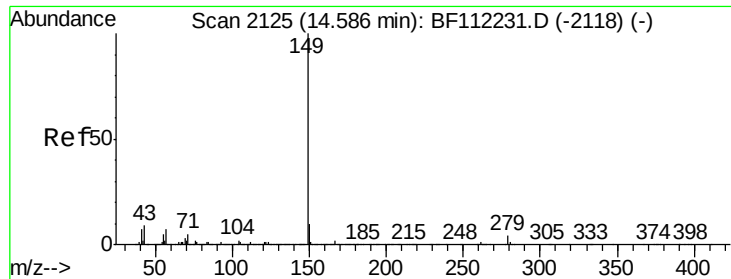
Tot Ion:228 Resp: 683922
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 19.7 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.840 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:149 Resp: 580158
Ion Ratio Lower Upper
149 100
167 26.8 22.5 33.7
279 4.4 3.8 5.6

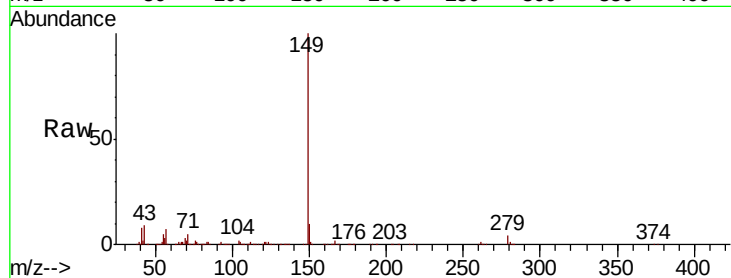




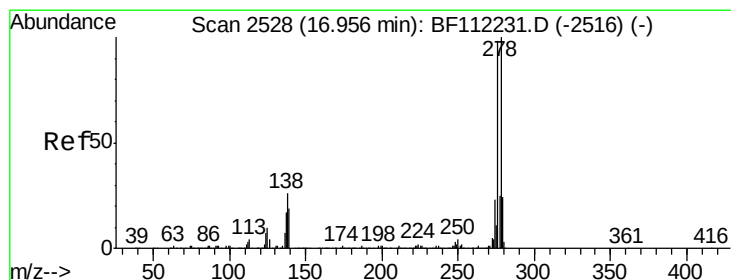
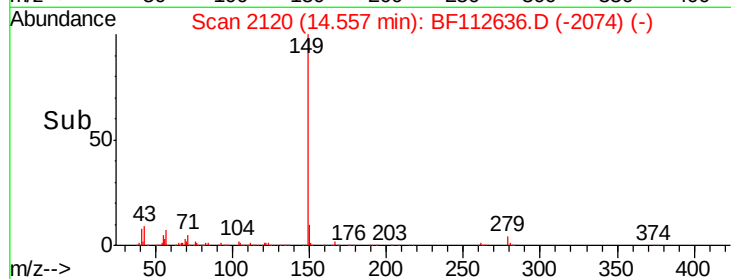
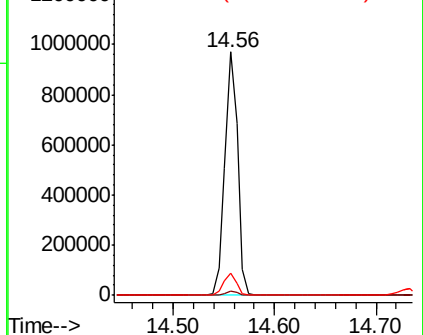
#85
Di-n-octyl phthalate
Concen: 37.870 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.8	11.6

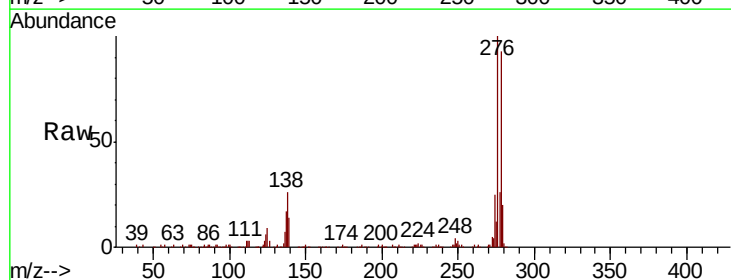


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

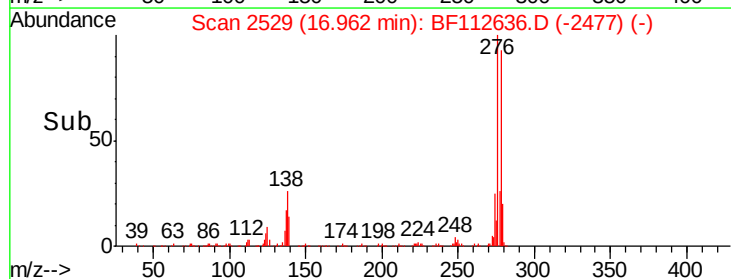
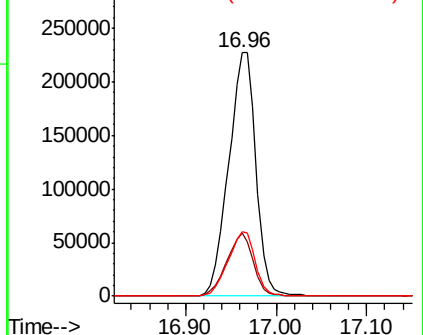


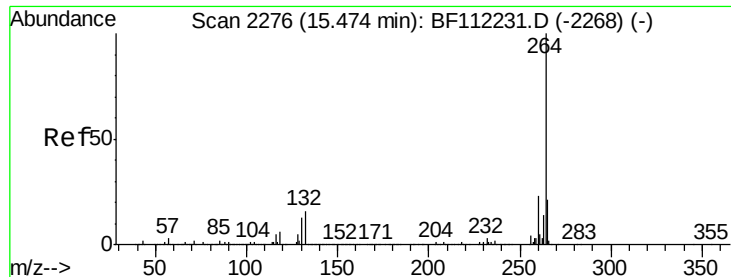
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.073 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.6	34.0
277	26.2	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: BF112636.D

Acq: 20 Feb 2019 12:28

Instrument :

BNA_F

ClientSampleId :

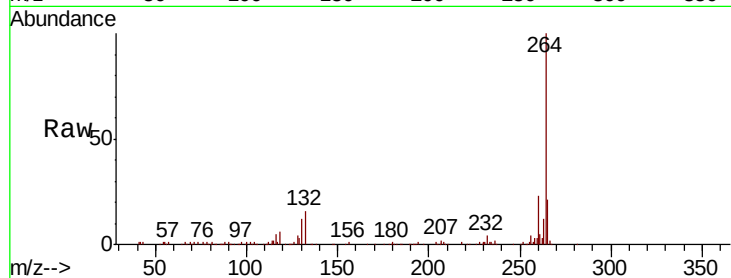
Tot Ion:264 Resp: 226483

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

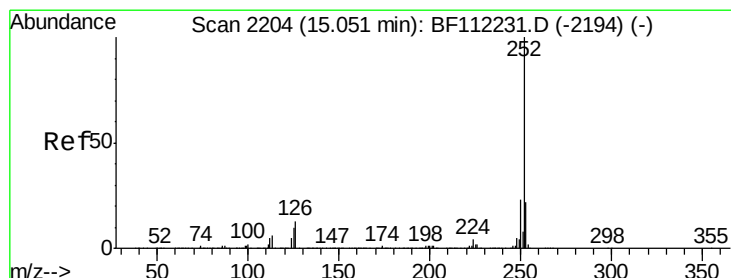
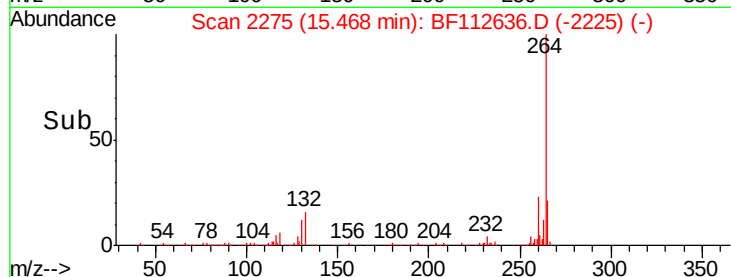
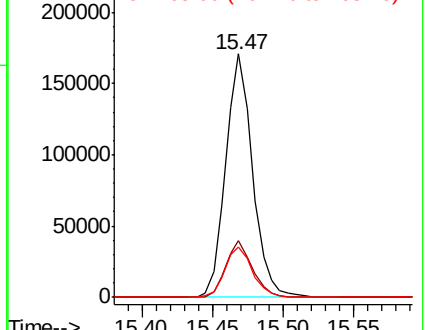
265 20.6 17.0 25.4



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: 42.907 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF112636.D

Acq: 20 Feb 2019 12:28

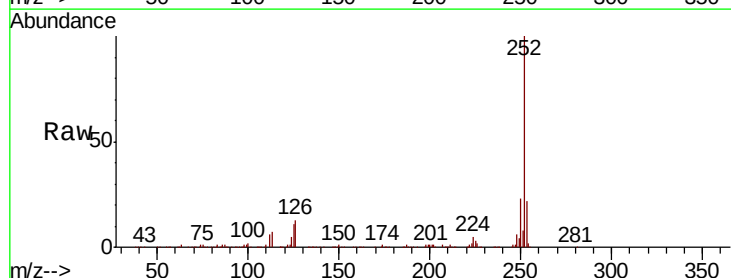
Tgt Ion:252 Resp: 581170

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

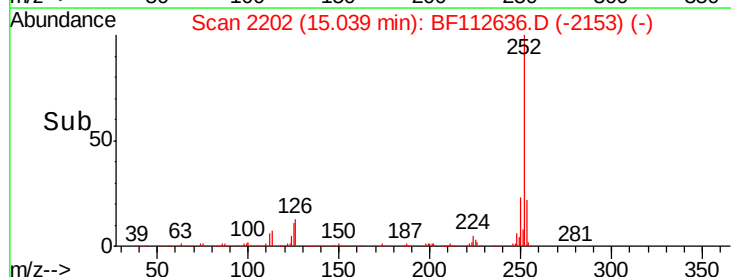
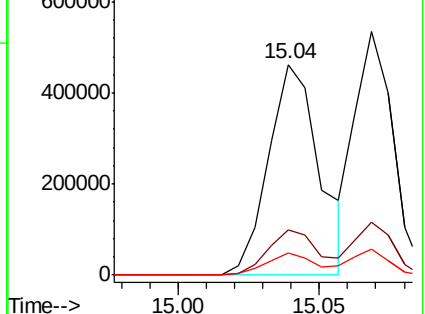
125 10.6 8.7 13.1

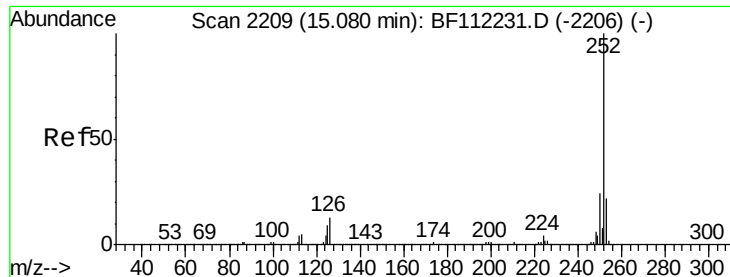


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

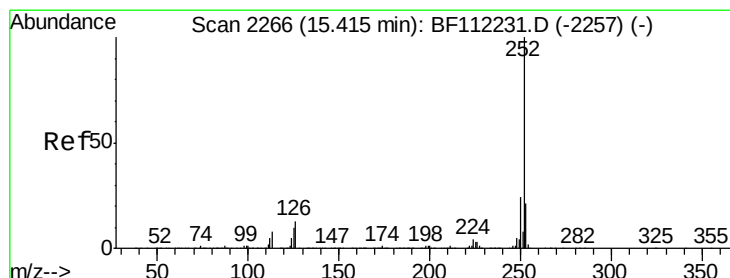
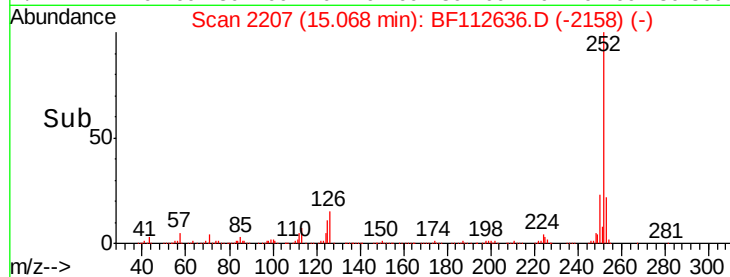
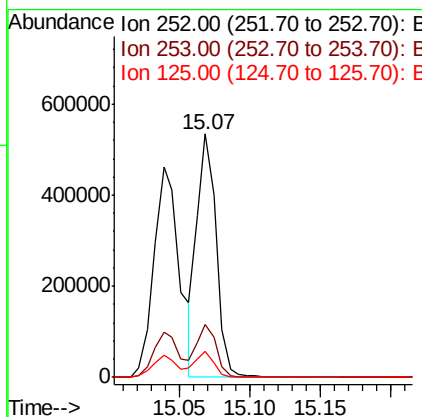
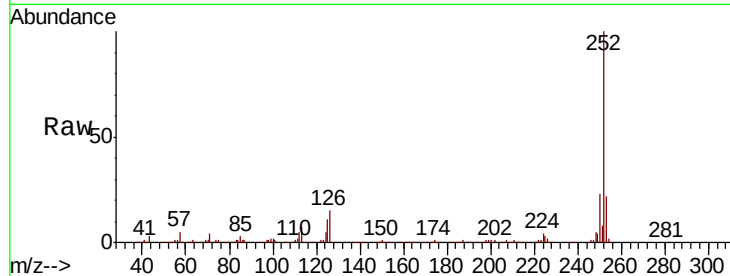




#89
Benzo(k)fluoranthene
Concen: 38.839 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

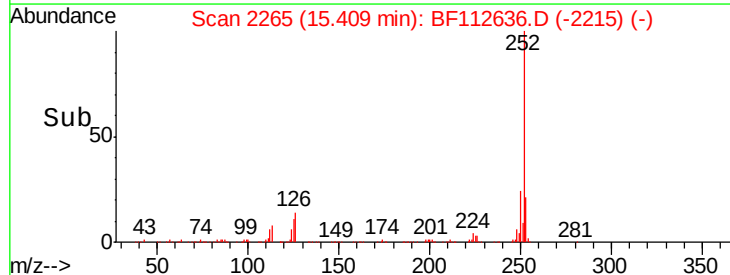
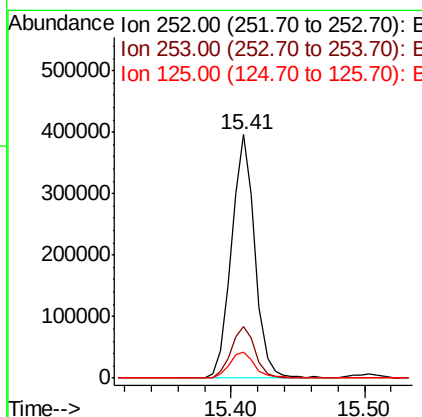
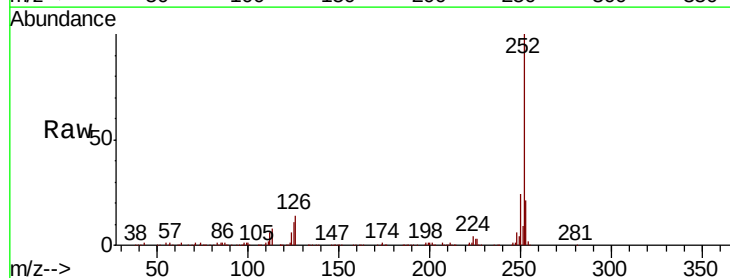
Instrument :
BNA_F
ClientSampleId :

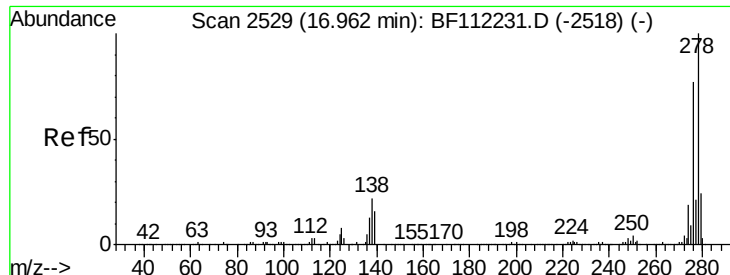
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	9.1	13.7



#90
Benzo(a)pyrene
Concen: 39.848 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.6	9.0	13.4

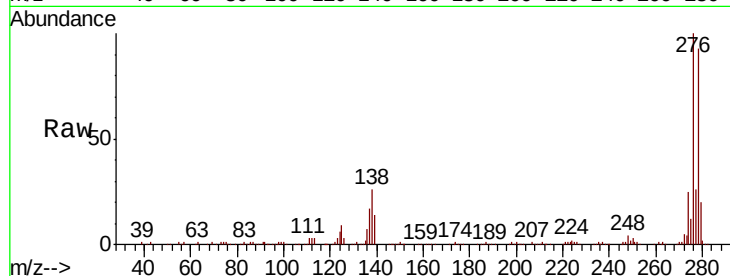




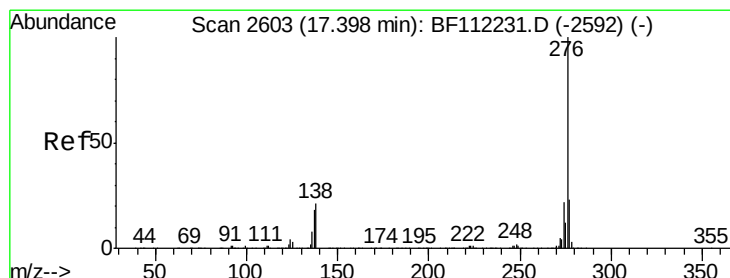
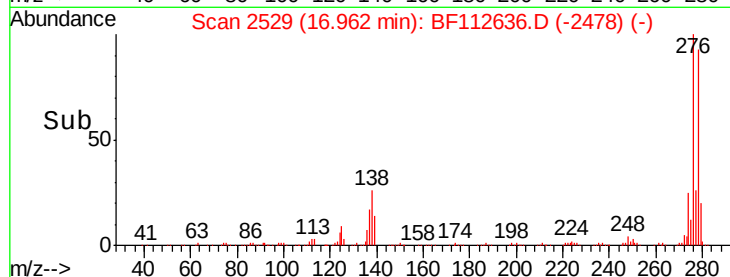
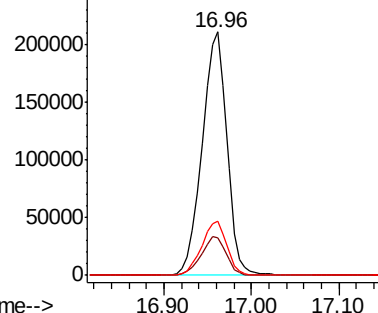
#91
Dibenzo(a,h)anthracene
Concen: 41.306 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 405723
Ion Ratio Lower Upper
278 100
139 15.2 13.7 20.5
279 22.1 19.0 28.6

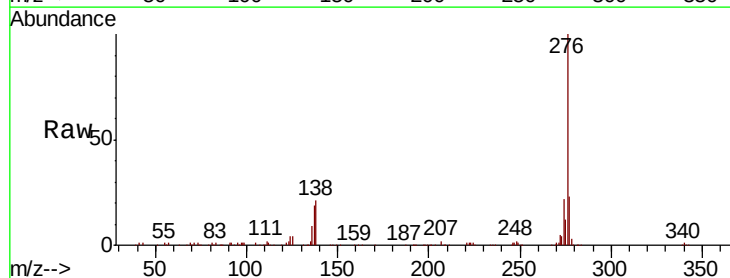


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.518 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF112636.D
Acq: 20 Feb 2019 12:28

Tgt Ion:276 Resp: 384742
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 20.8 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

