

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112047.D
 Acq On : 14 Jan 2019 13:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 15:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158874	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563367	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	293414	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	560208	20.00	ng	0.00
76) Chrysene-d12	14.04	240	455559	20.00	ng	0.00
87) Perylene-d12	15.52	264	334723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	732479	78.88	ng	0.00
7) Phenol-d6	6.52	99	875994	73.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	990291	93.95	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	303968	79.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1615447	80.28	ng	0.00
79) Terphenyl-d14	12.98	244	2195789	91.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	206521	50.861	ng	99
3) Pyridine	3.42	79	554279	52.665	ng	98
4) n-Nitrosodimethylamine	3.37	42	256571	48.998	ng	96
6) Aniline	6.53	93	531728	36.741	ng	92
8) 2-Chlorophenol	6.66	128	392769	38.090	ng	97
9) Benzaldehyde	6.42	77	262389	39.098	ng	98
10) Phenol	6.53	94	479956	36.894	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	391069	38.858	ng	97
12) 1,3-Dichlorobenzene	6.82	146	478609	40.037	ng	99
13) 1,4-Dichlorobenzene	6.89	146	520599	42.916	ng	98
14) 1,2-Dichlorobenzene	7.05	146	470413	40.568	ng	97
15) Benzyl Alcohol	7.02	79	367527	38.809	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	764476	44.553	ng	98
17) 2-Methylphenol	7.13	107	380346	45.893	ng	95
18) Hexachloroethane	7.38	117	204628	48.314	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	324994	41.790	ng	97
20) 3+4-Methylphenols	7.29	107	432679	41.949	ng	# 89
22) Acetophenone	7.28	105	637786	44.717	ng	# 99
24) Nitrobenzene	7.45	77	486299	45.605	ng	96
25) Isophorone	7.69	82	635392	37.224	ng	100
26) 2-Nitrophenol	7.77	139	213580	40.679	ng	98
27) 2,4-Dimethylphenol	7.81	122	306731	40.405	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	454950	39.931	ng	100
29) 2,4-Dichlorophenol	8.02	162	352450	40.376	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	392606	40.769	ng	99
31) Naphthalene	8.17	128	1081747	40.449	ng	100
32) Benzoic acid	7.95	122	171234	34.759	ng	96
33) 4-Chloroaniline	8.22	127	461067	39.882	ng	96
34) Hexachlorobutadiene	8.29	225	244736	40.823	ng	99
35) Caprolactam	8.60	113	117017	41.029	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	352243	40.585	ng	98
37) 2-Methylnaphthalene	8.87	142	712861	43.018	ng	99
38) 1-Methylnaphthalene	8.97	142	690547	43.447	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	387851	41.463	ng	99

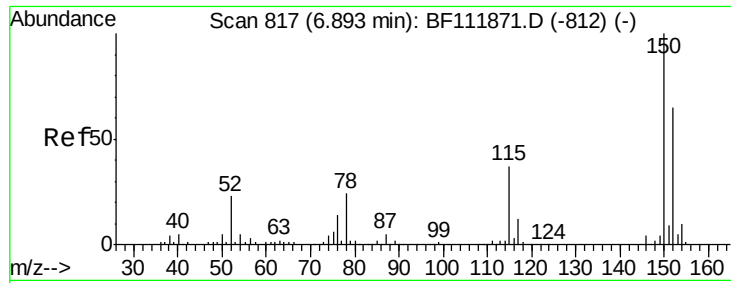
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112047.D
 Acq On : 14 Jan 2019 13:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 15:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	233292	43.134	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	251761	39.681	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	263715	39.672	ng	99
46) 1,1'-Biphenyl	9.33	154	992474	40.437	ng	99
47) 2-Chloronaphthalene	9.36	162	773473	40.154	ng	97
48) 2-Nitroaniline	9.45	65	236519	40.161	ng	97
49) Acenaphthylene	9.77	152	1138404	39.974	ng	99
50) Dimethylphthalate	9.63	163	887636	40.271	ng	99
51) 2,6-Dinitrotoluene	9.69	165	198205	40.213	ng	97
52) Acenaphthene	9.95	154	679378	37.005	ng	99
53) 3-Nitroaniline	9.86	138	218054	41.311	ng	99
54) 2,4-Dinitrophenol	9.97	184	76446	36.628	ng	# 84
55) Dibenzofuran	10.12	168	1063050	39.814	ng	97
56) 4-Nitrophenol	10.04	139	137483	36.862	ng	95
57) 2,4-Dinitrotoluene	10.10	165	263687	41.402	ng	94
58) Fluorene	10.46	166	779113	40.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	219635	39.215	ng	99
60) Diethylphthalate	10.33	149	862981	40.458	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	431367	39.594	ng	96
62) 4-Nitroaniline	10.48	138	212581	42.460	ng	98
63) Azobenzene	10.61	77	826129	40.543	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	134010	38.769	ng	98
66) n-Nitrosodiphenylamine	10.57	169	754534	40.136	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	279897	38.575	ng	97
68) Hexachlorobenzene	11.02	284	315102	39.184	ng	99
69) Atrazine	11.10	200	244040	36.948	ng	98
70) Pentachlorophenol	11.21	266	181601	39.685	ng	100
71) Phenanthrene	11.42	178	1167270	38.972	ng	100
72) Anthracene	11.47	178	1172045	38.548	ng	99
73) Carbazole	11.63	167	1144557	38.700	ng	100
74) Di-n-butylphthalate	11.95	149	1334813	38.855	ng	100
75) Fluoranthene	12.61	202	1180222	38.384	ng	98
77) Benzidine	12.73	184	489600	35.968	ng	98
78) Pyrene	12.84	202	1211851	38.661	ng	98
80) Butylbenzylphthalate	13.45	149	668332	50.433	ng	97
81) Benzo(a)anthracene	14.03	228	1066153	40.665	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	405417	41.885	ng	99
83) Chrysene	14.07	228	991282	39.654	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	777086	44.651	ng	100
85) Di-n-octyl phthalate	14.62	149	1062777	42.672	ng	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	720668	39.543	ng	99
88) Benzo(b)fluoranthene	15.09	252	792456	39.577	ng	98
89) Benzo(k)fluoranthene	15.12	252	766695	40.736	ng	99
90) Benzo(a)pyrene	15.46	252	706943	40.155	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	608044	42.941	ng	99
92) Benzo(g,h,i)perylene	17.46	276	589884	42.592	ng	98

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

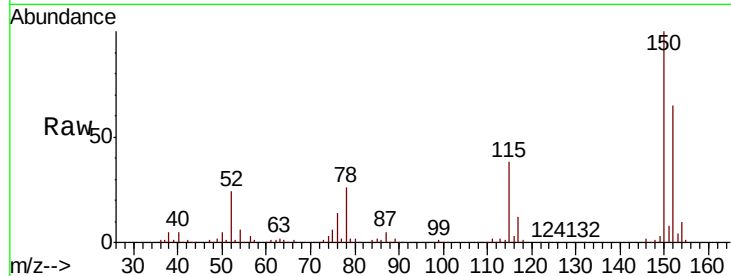


#1

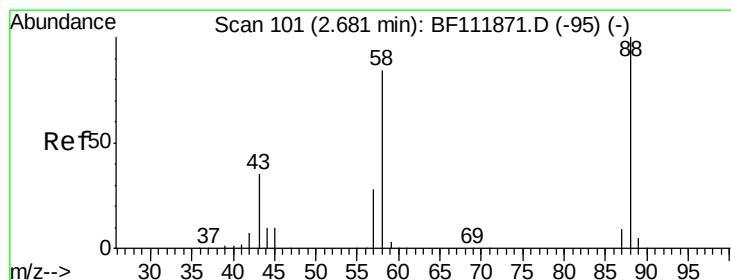
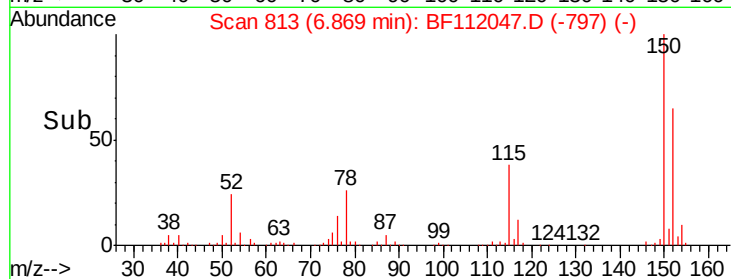
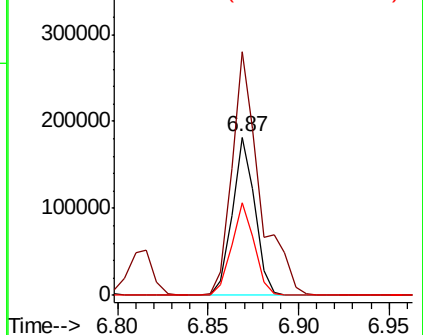
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158874
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 58.1 45.2 67.8



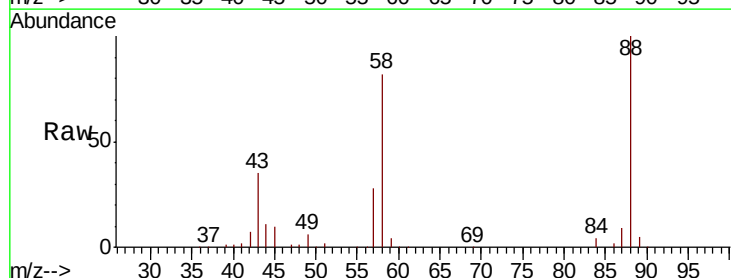
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



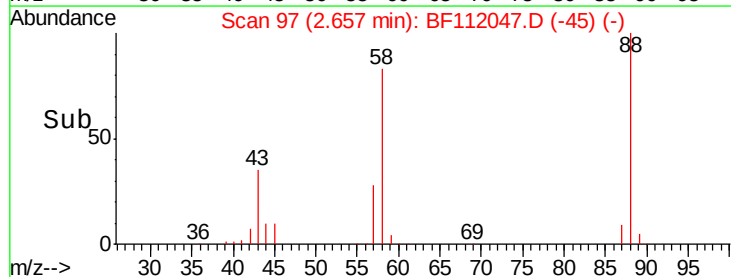
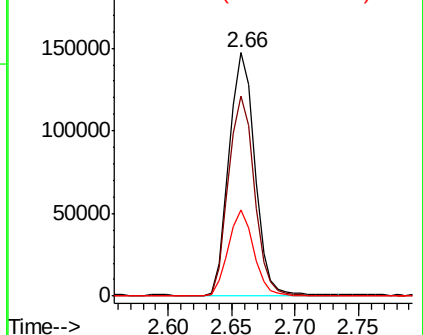
#2

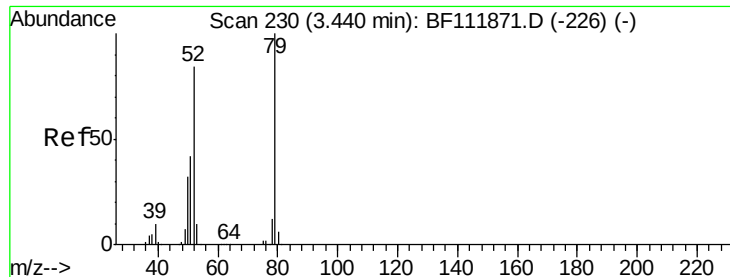
1,4-Dioxane
Concen: 50.861 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion: 88 Resp: 206521
Ion Ratio Lower Upper
88 100
58 83.4 67.6 101.4
43 35.4 29.0 43.6



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: 52.665 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

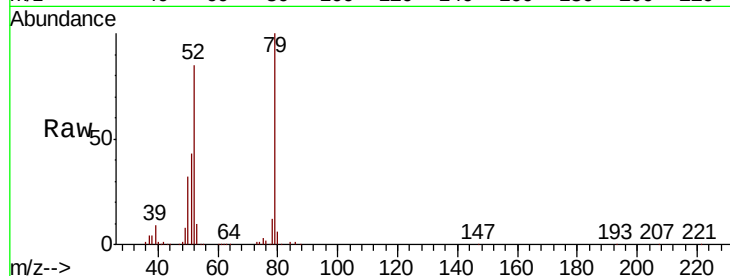
Tot Ion: 79 Resp: 554279

Ion Ratio Lower Upper

79 100

52 85.5 67.0 100.6

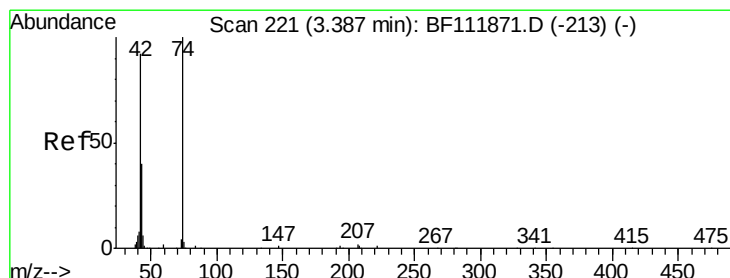
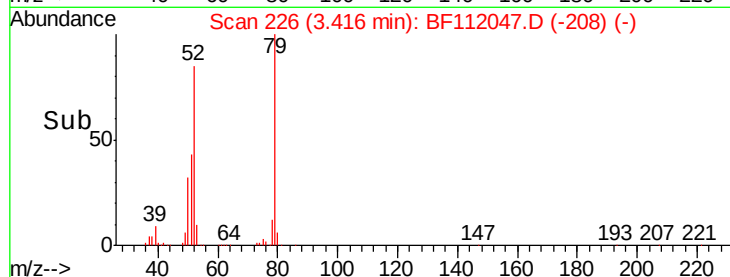
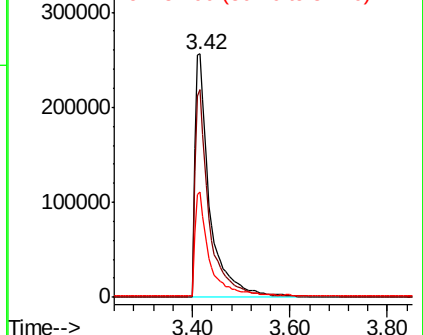
51 43.4 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.998 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

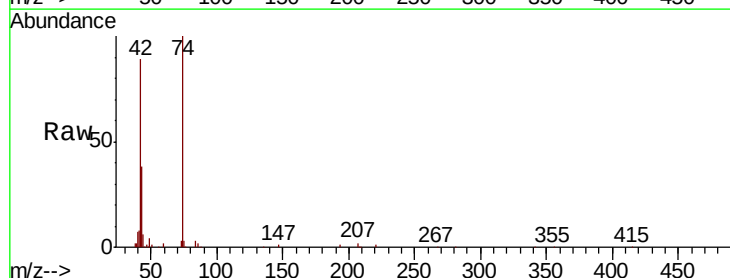
Tgt Ion: 42 Resp: 256571

Ion Ratio Lower Upper

42 100

74 113.0 87.0 130.6

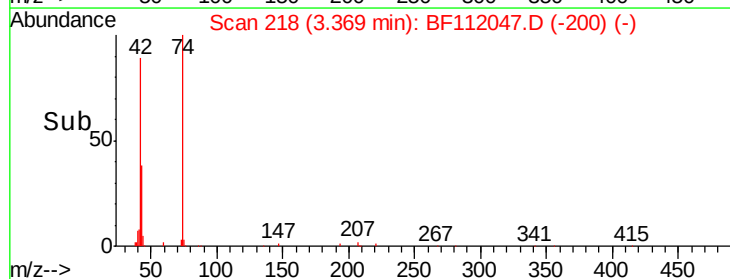
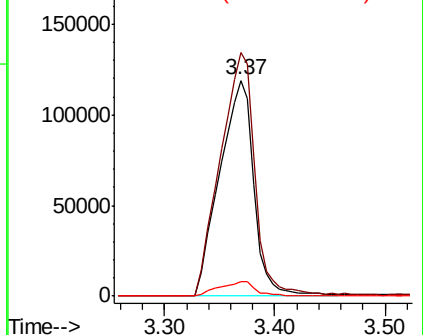
44 6.4 5.5 8.3

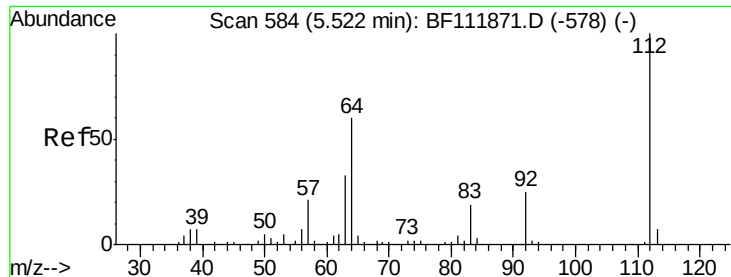


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.876 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

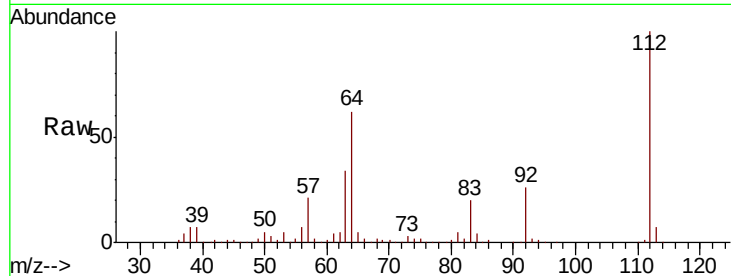
Tot Ion:112 Resp: 732479

Ion Ratio Lower Upper

112 100

64 61.9 48.3 72.5

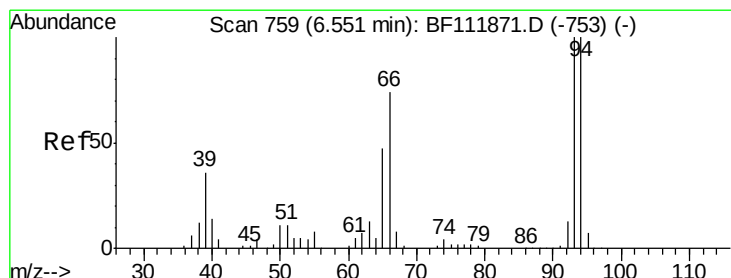
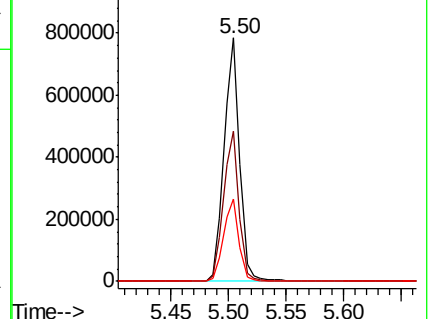
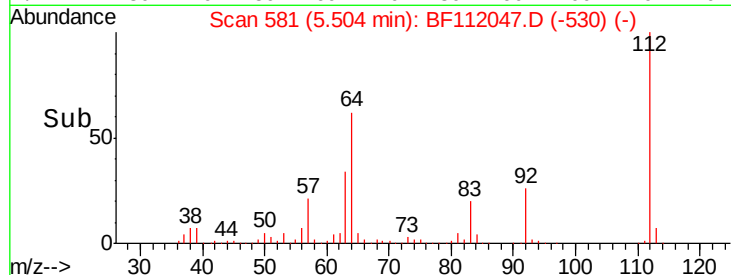
63 33.6 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.741 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

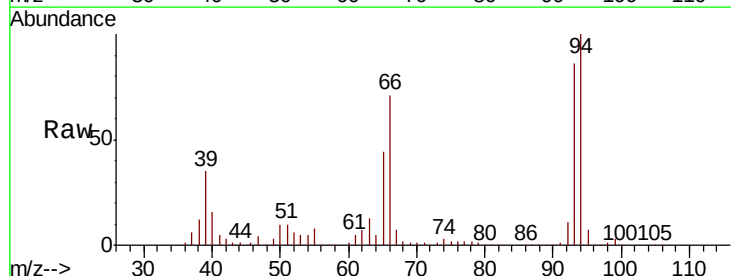
Tgt Ion: 93 Resp: 531728

Ion Ratio Lower Upper

93 100

66 82.1 60.0 90.0

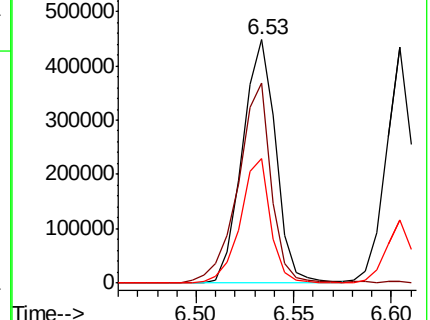
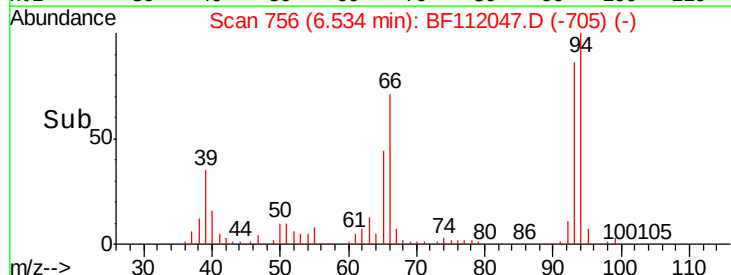
65 51.4 37.5 56.3

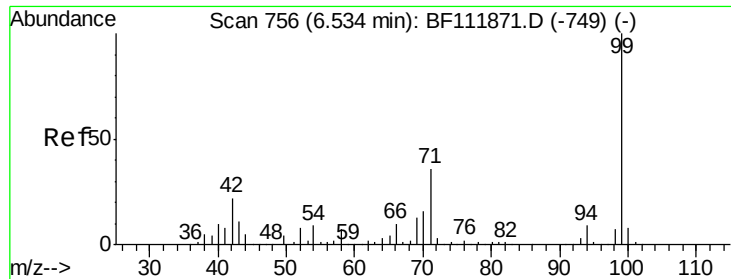


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.188 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

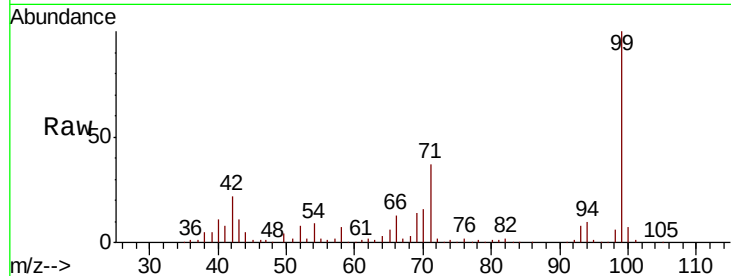
Tot Ion: 99 Resp: 875994

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

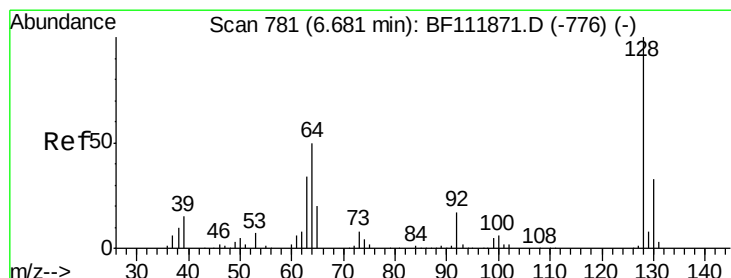
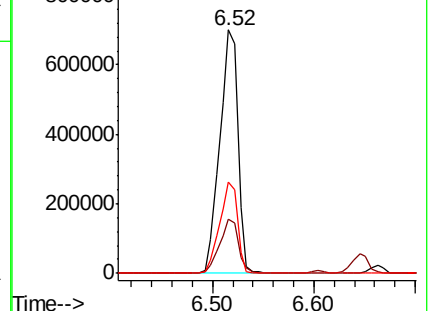
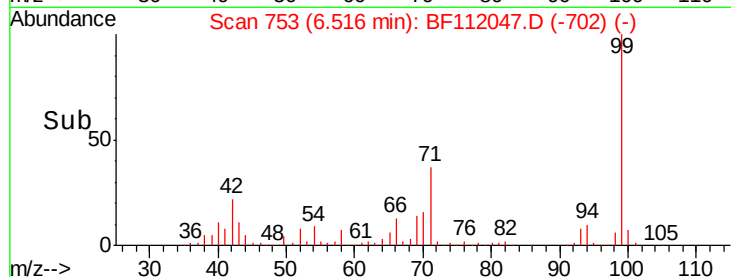
71 37.3 28.7 43.1



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: 38.090 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

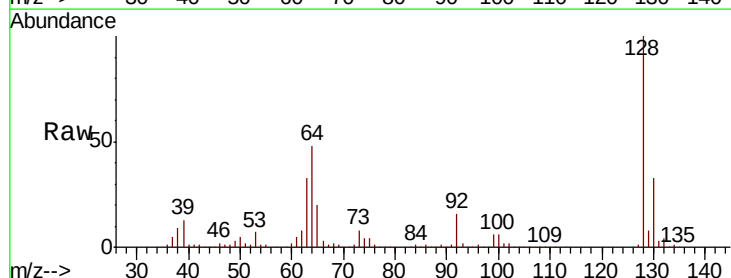
Tgt Ion: 128 Resp: 392769

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

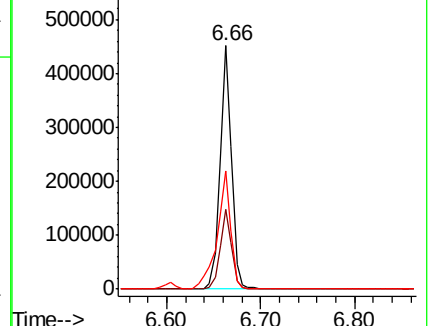
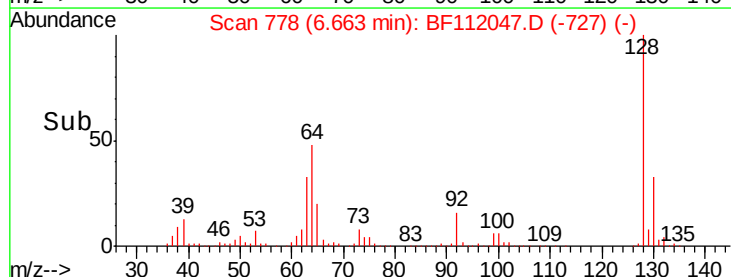
64 48.4 31.8 71.8

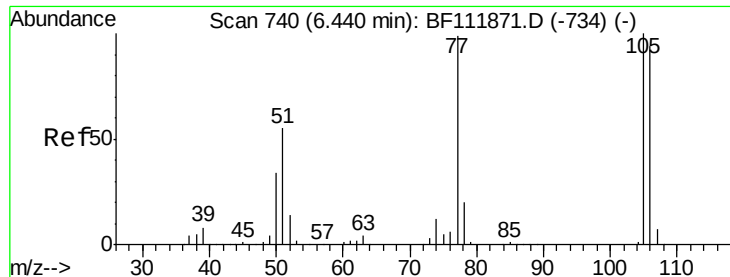


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.098 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

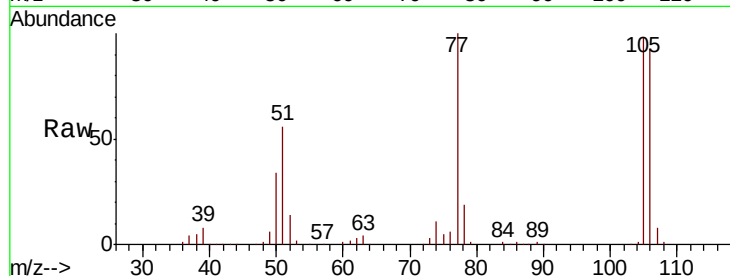
Tot Ion: 77 Resp: 262389

Ion Ratio Lower Upper

77 100

105 97.6 80.6 120.6

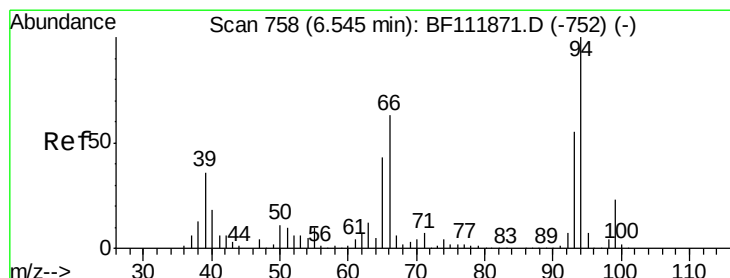
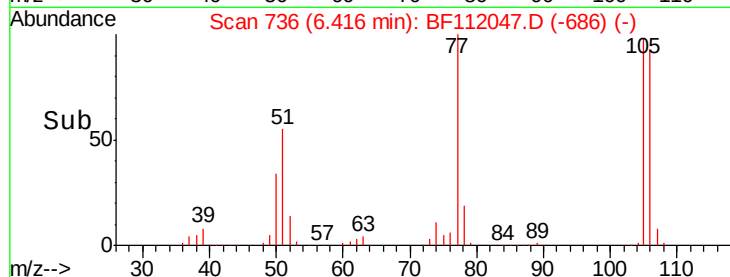
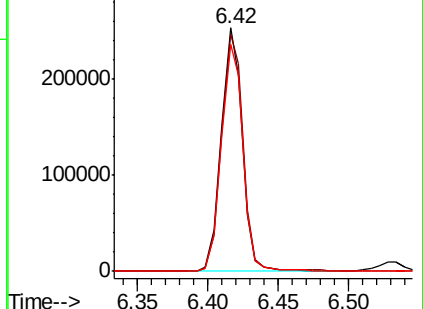
106 93.0 74.6 114.6



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: 36.894 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

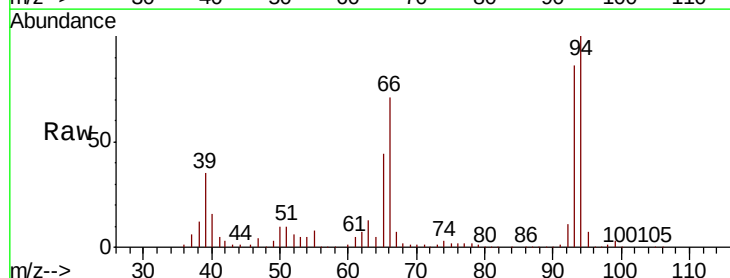
Tgt Ion: 94 Resp: 479956

Ion Ratio Lower Upper

94 100

65 44.3 22.8 62.8

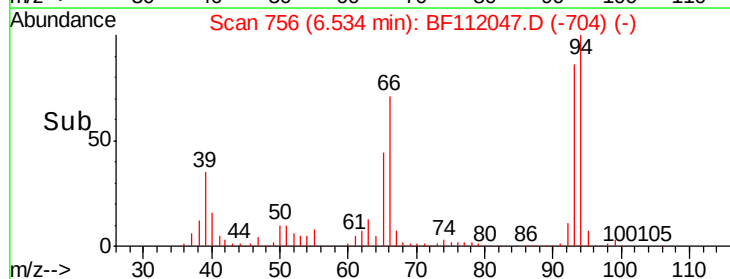
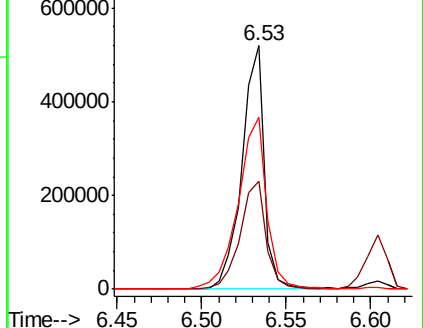
66 70.8 43.3 83.3

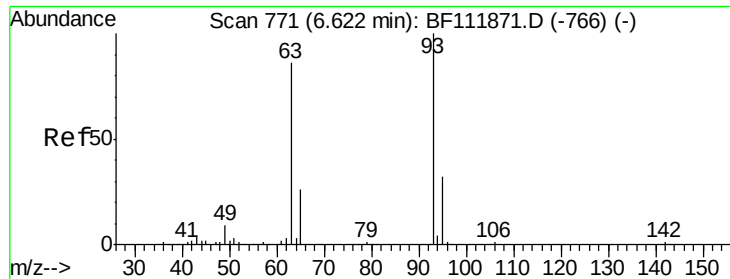


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.858 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

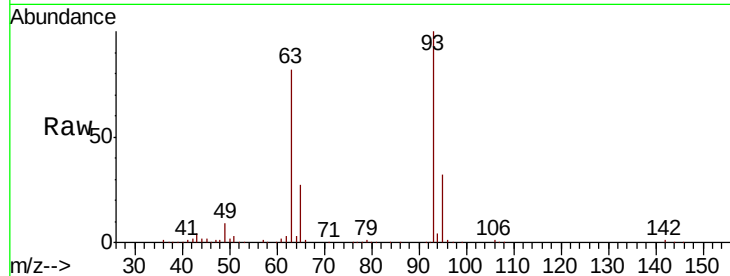
Tot Ion: 93 Resp: 391069

Ion Ratio Lower Upper

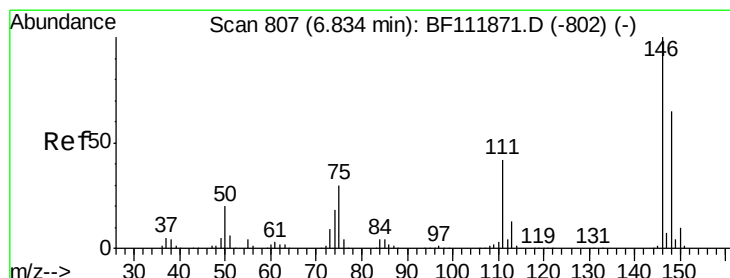
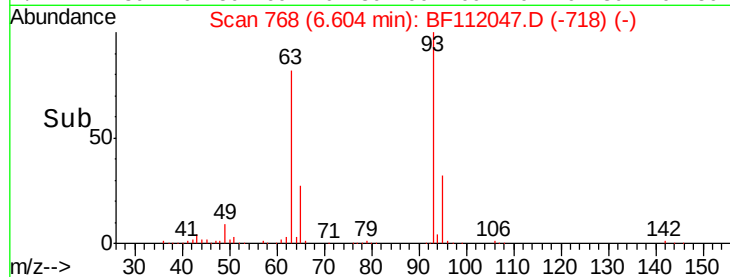
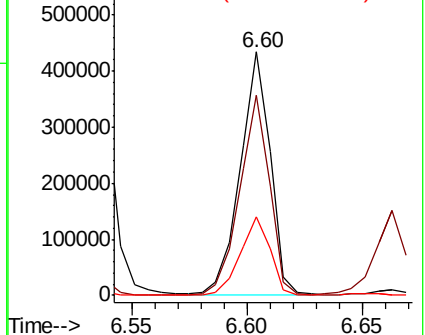
93 100

63 82.1 65.2 105.2

95 32.1 11.9 51.9



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: 40.037 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

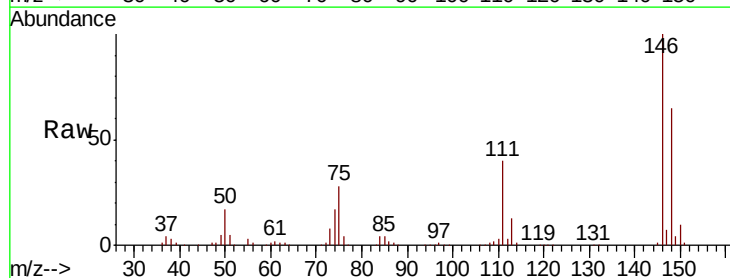
Tgt Ion: 146 Resp: 478609

Ion Ratio Lower Upper

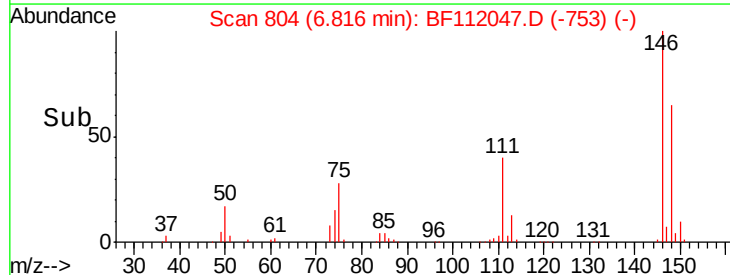
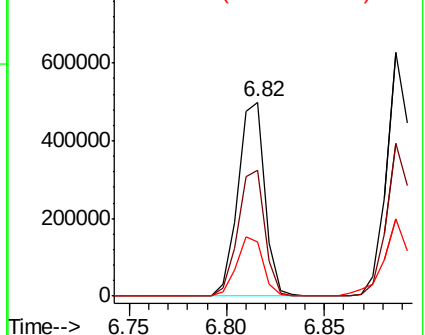
146 100

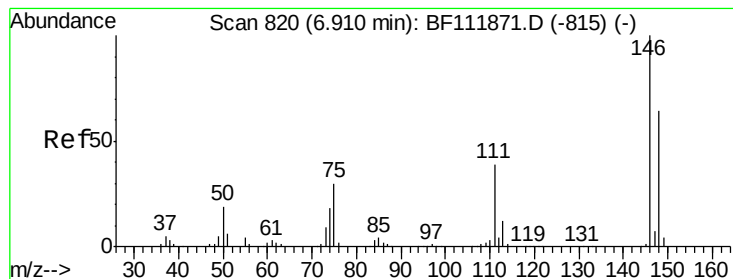
148 64.9 51.8 77.6

75 28.2 24.3 36.5



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: 42.916 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

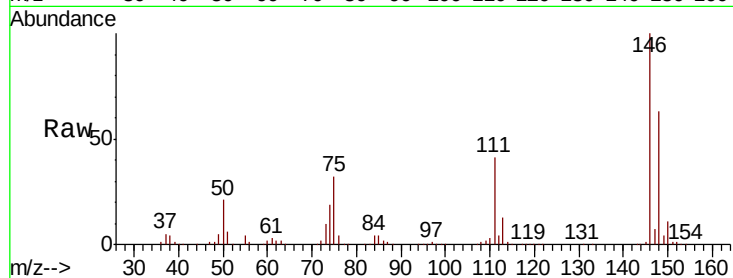
Tot Ion:146 Resp: 520599

Ion Ratio Lower Upper

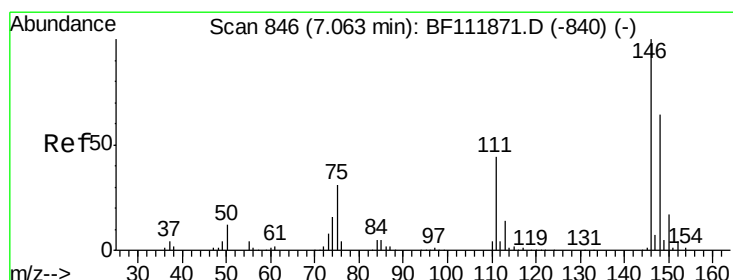
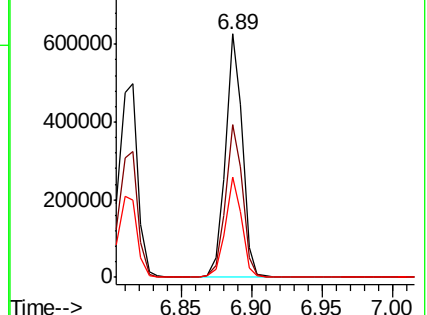
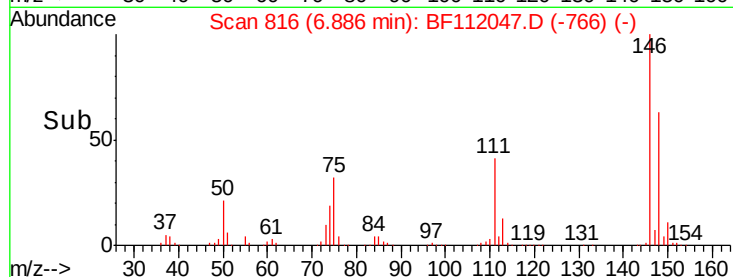
146 100

148 62.9 51.2 76.8

111 41.2 31.5 47.3



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



#14

1,2-Dichlorobenzene

Concen: 40.568 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

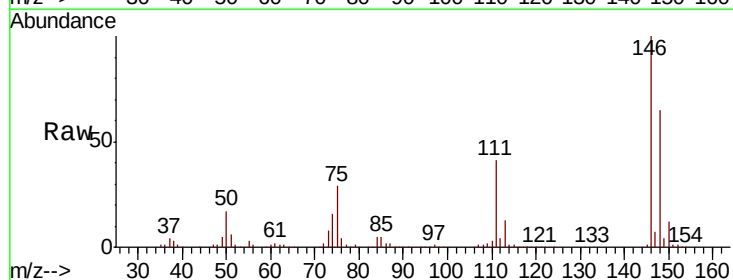
Tgt Ion:146 Resp: 470413

Ion Ratio Lower Upper

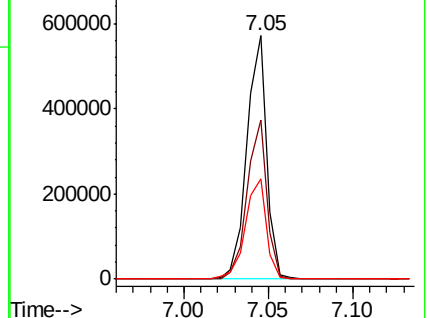
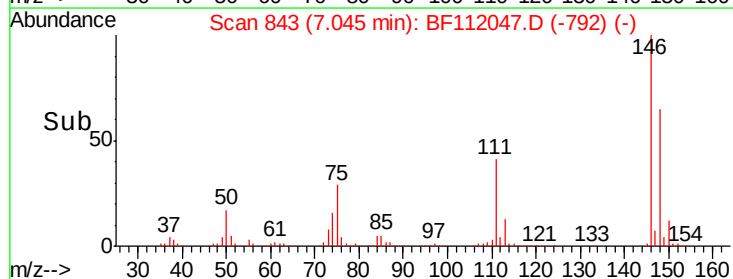
146 100

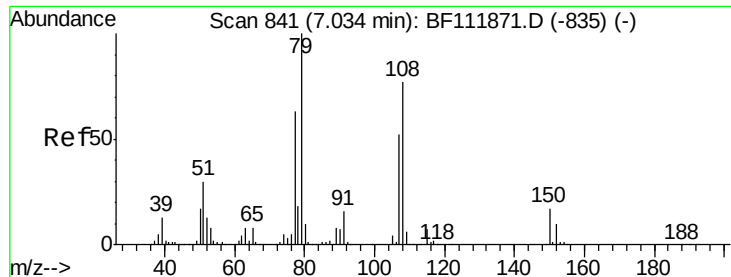
148 65.4 51.5 77.3

111 41.4 35.5 53.3



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





#15

Benzyl Alcohol

Concen: 38.809 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

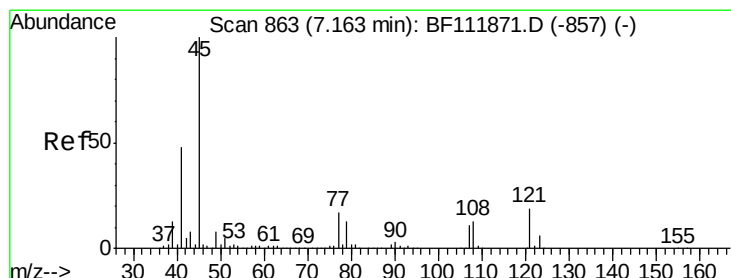
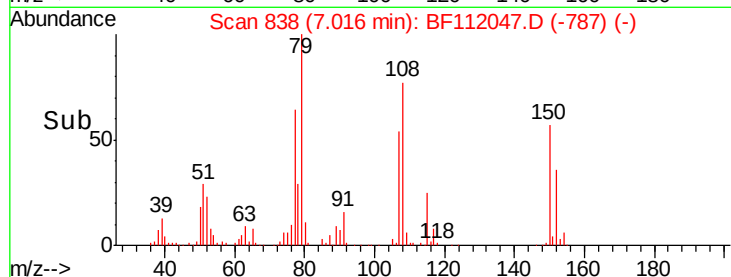
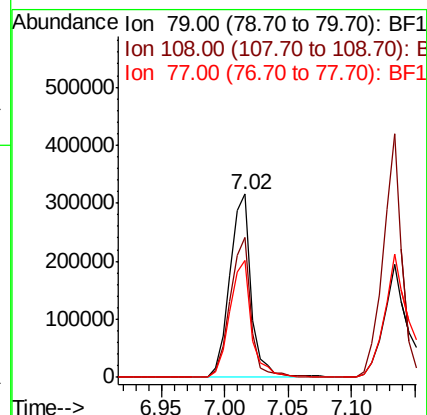
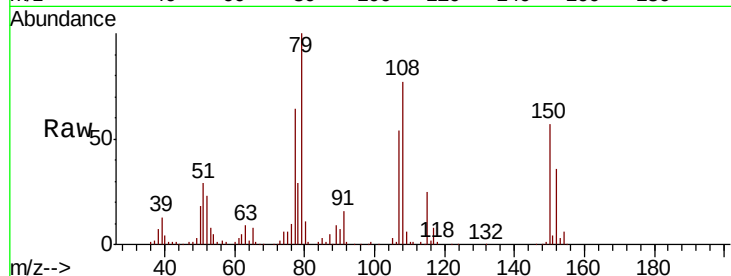
Tot Ion: 79 Resp: 367527

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

77 64.1 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.553 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

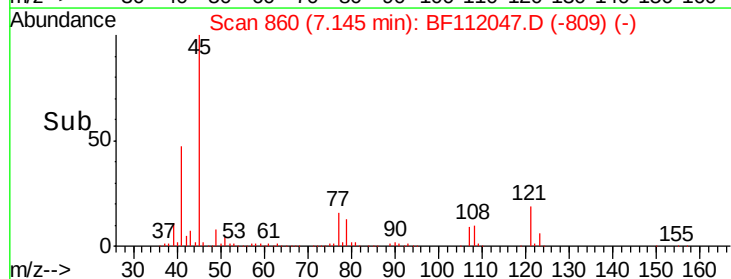
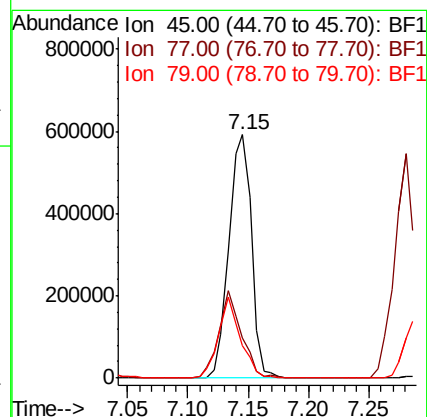
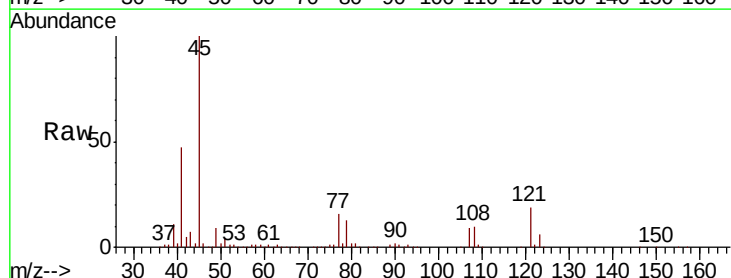
Tgt Ion: 45 Resp: 764476

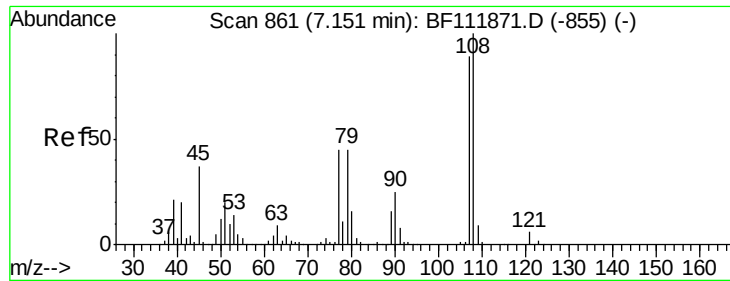
Ion Ratio Lower Upper

45 100

77 16.3 0.0 37.1

79 13.2 0.0 33.9

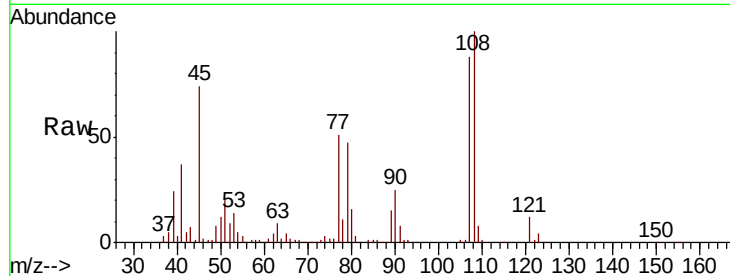




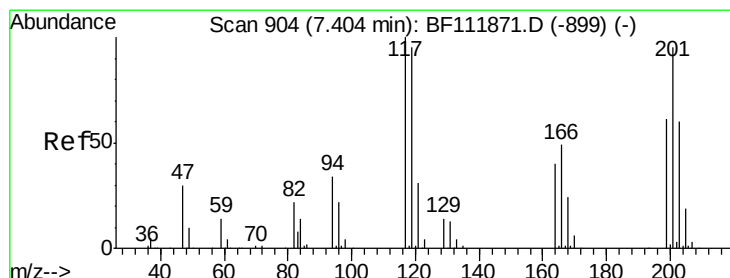
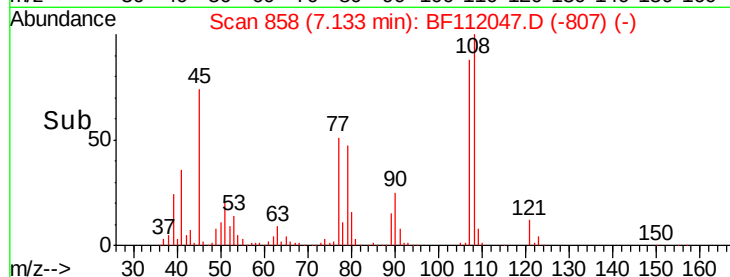
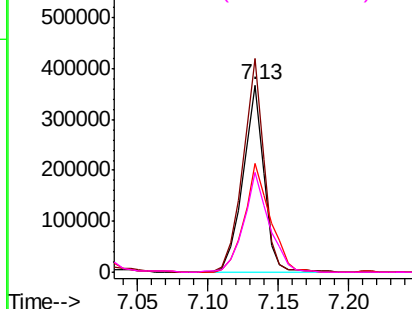
#17
2-Methylphenol
Concen: 45.893 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 380346
Ion Ratio Lower Upper
107 100
108 114.3 89.7 134.5
77 58.0 40.6 60.8
79 53.3 40.2 60.2

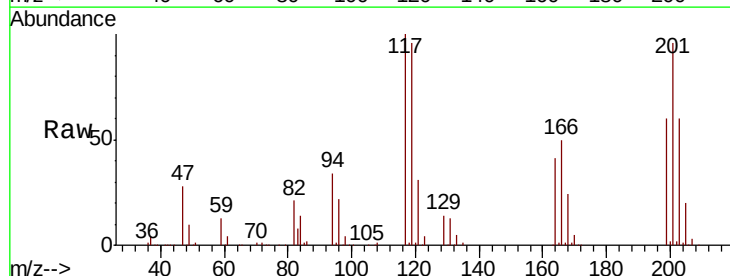


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

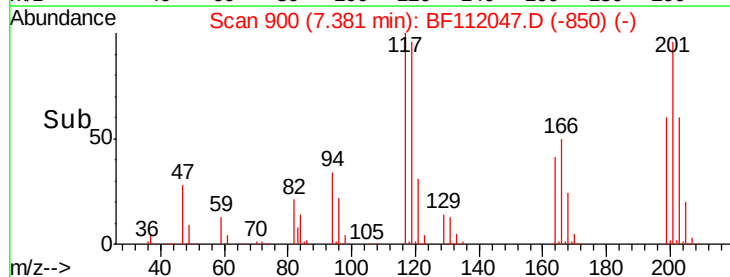
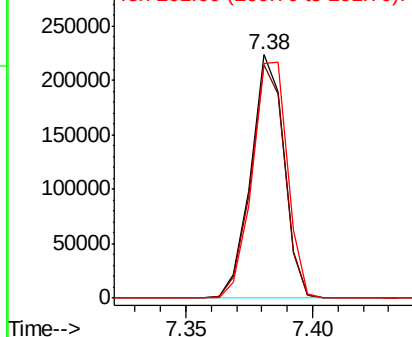


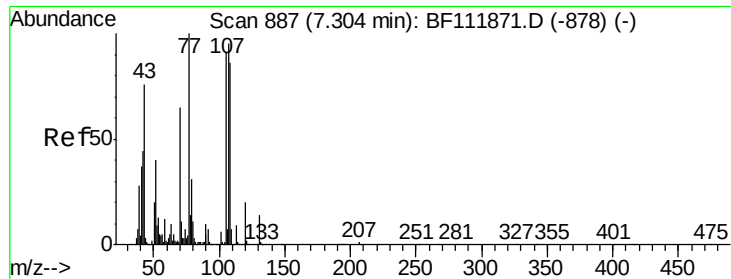
#18
Hexachloroethane
Concen: 48.314 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:117 Resp: 204628
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 96.1 75.7 113.5



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

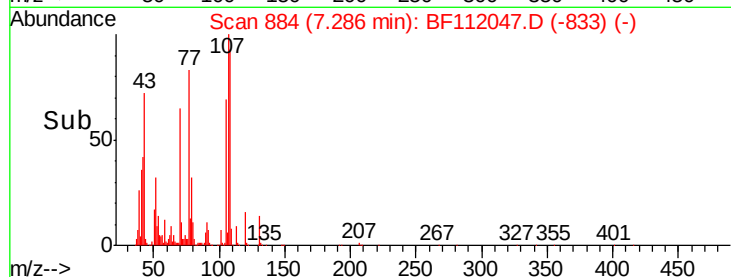
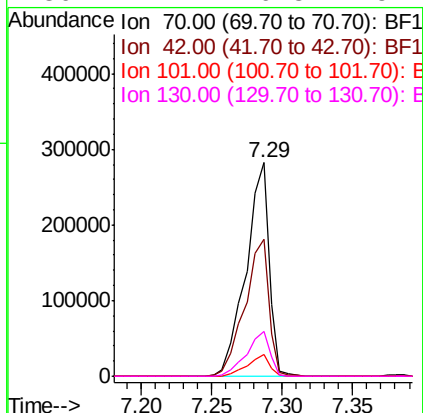
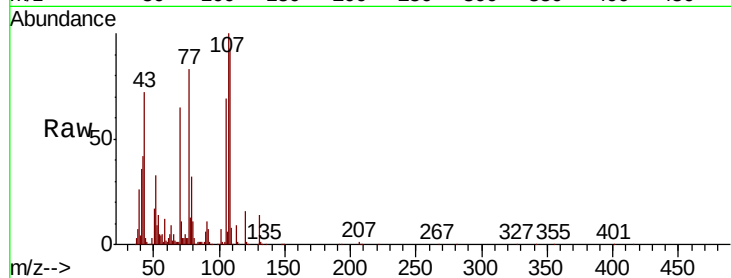




#19
n-Nitroso-di-n-propylamine
Concen: 41.790 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

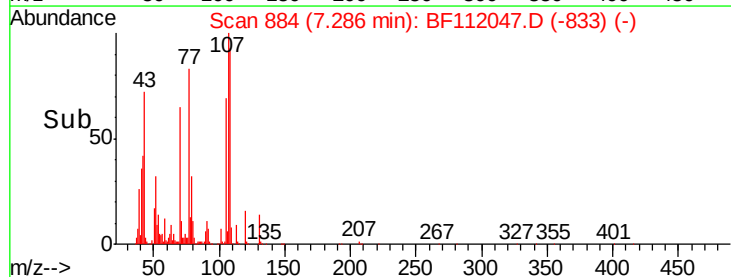
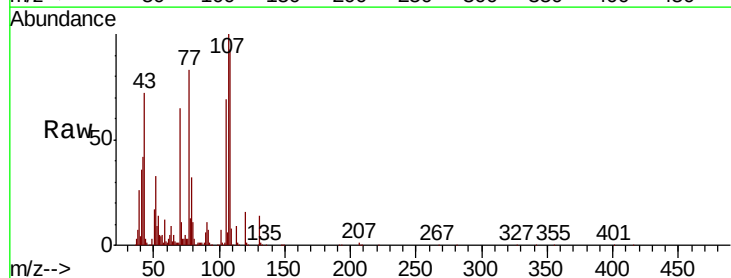
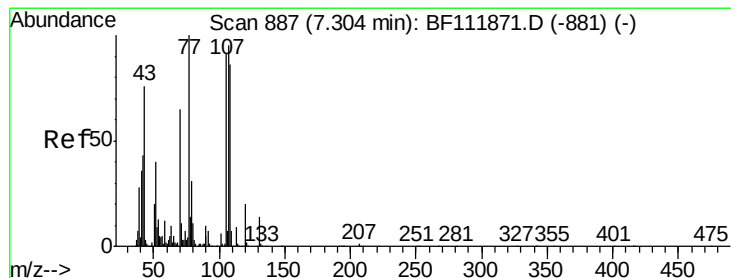
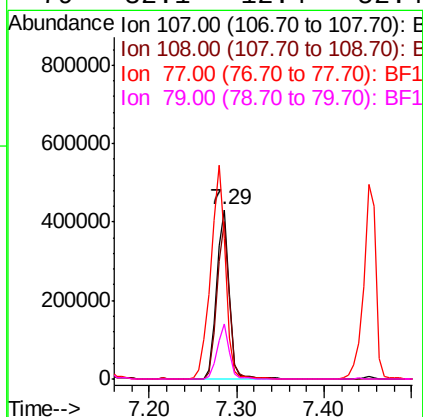
Instrument :
BNA_F
ClientSampleId :

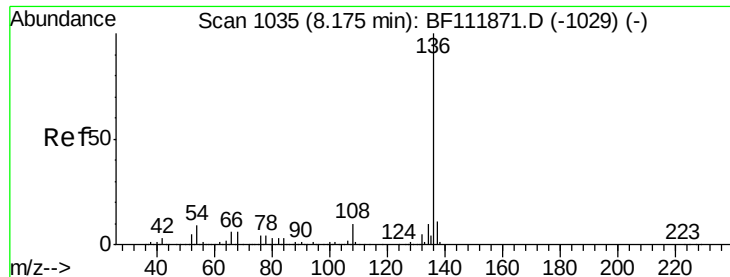
Tot Ion:	70	Resp:	324994
Ion	Ratio	Lower	Upper
70	100		
42	64.0	53.6	80.4
101	10.1	7.3	10.9
130	21.2	16.8	25.2



#20
3+4-Methylphenols
Concen: 41.949 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:	107	Resp:	432679
Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.1	111.1
77	82.9	85.4	125.4#
79	32.1	12.4	52.4

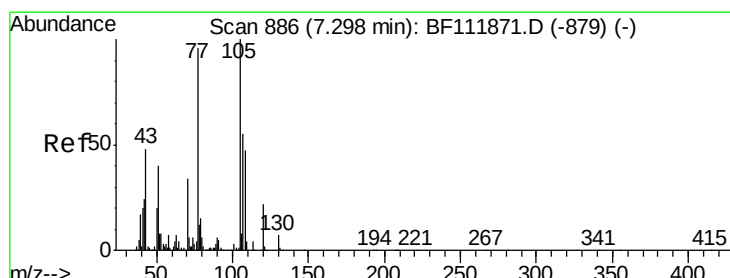
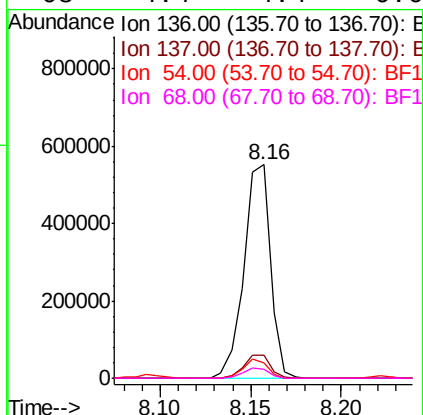
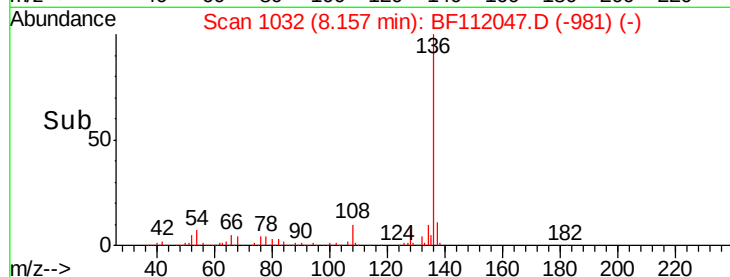
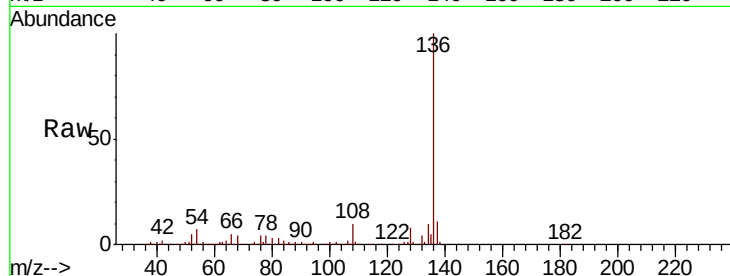




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

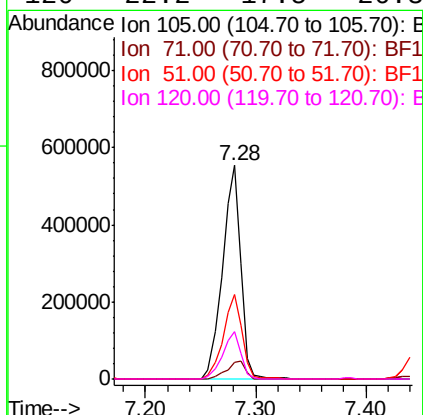
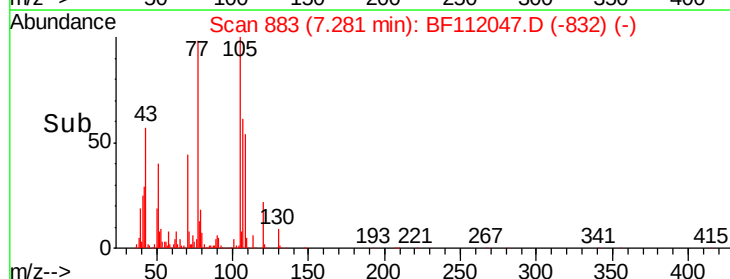
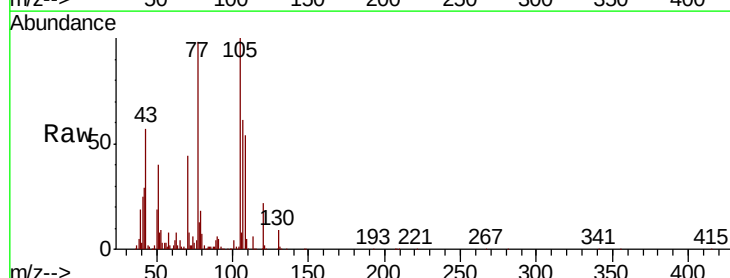
Instrument :
BNA_F
ClientSampleId :

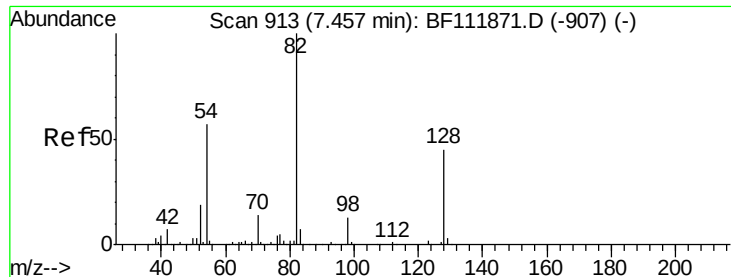
Tot Ion:136	Resp: 563367
Ion Ratio	Lower Upper
136 100	
137 10.6	9.1 13.7
54 7.4	7.2 10.8
68 4.4	4.4 6.6



#22
Acetophenone
Concen: 44.717 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt	Ion:105	Resp:	637786
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.6	6.8#
51	39.8	32.2	48.2
120	22.2	17.5	26.3

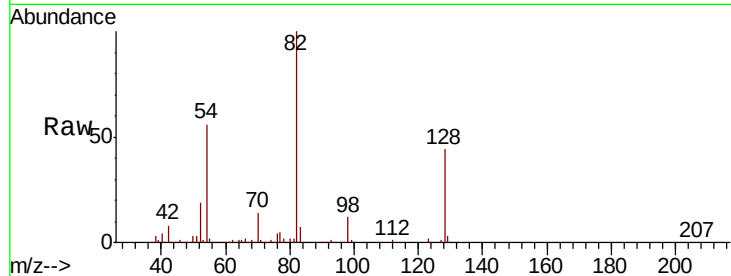




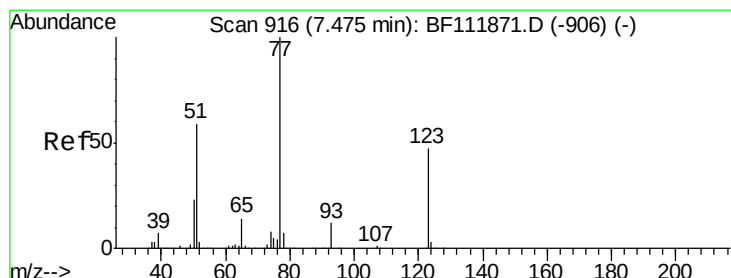
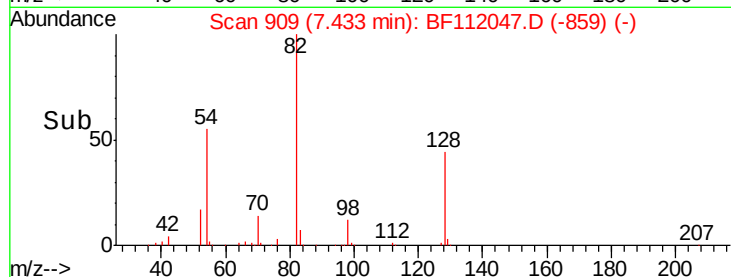
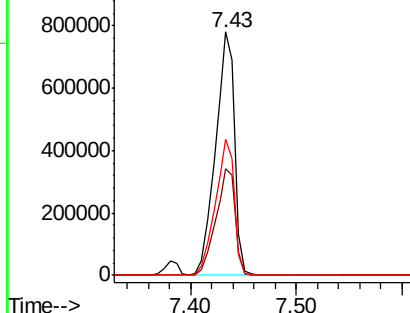
#23
Nitrobenzene-d5
Concen: 93.947 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 990291
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 56.1 45.8 68.8

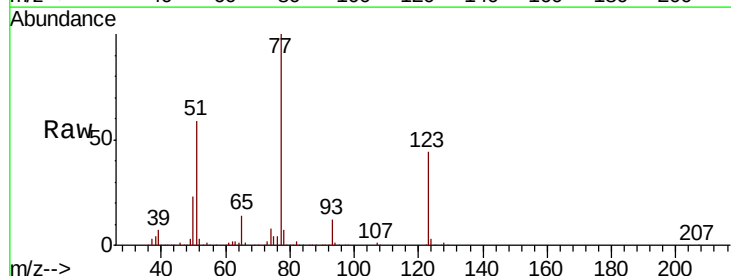


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

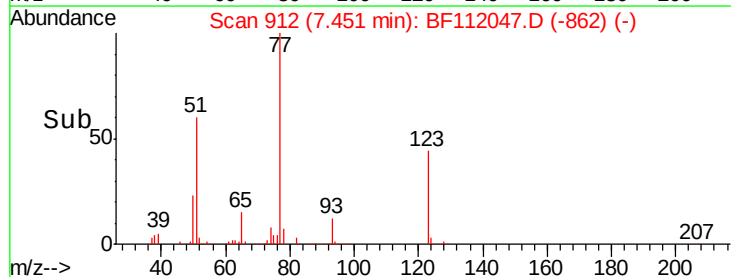
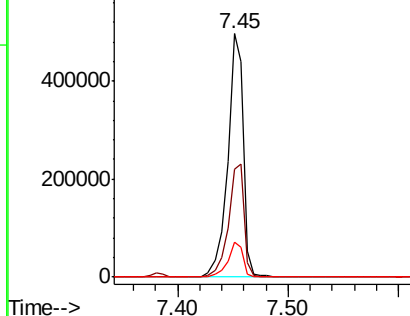


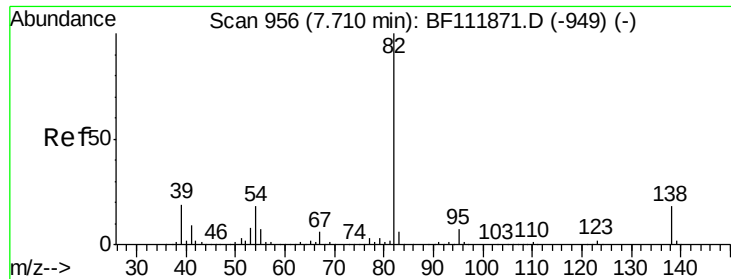
#24
Nitrobenzene
Concen: 45.605 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion: 77 Resp: 486299
Ion Ratio Lower Upper
77 100
123 44.4 38.1 57.1
65 14.3 11.0 16.4



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

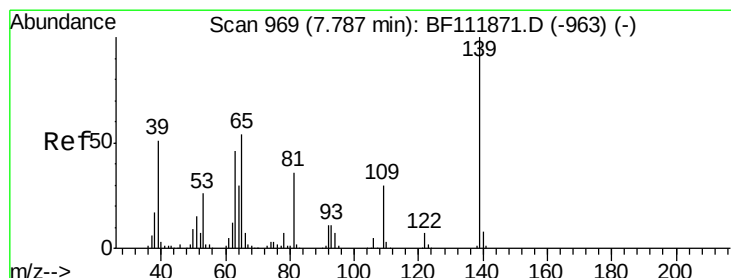
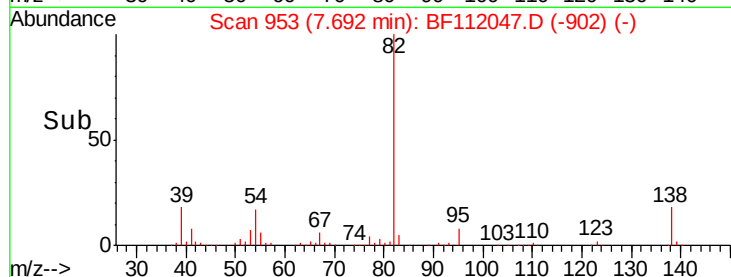
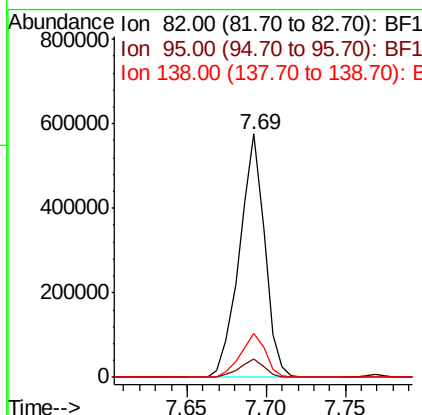
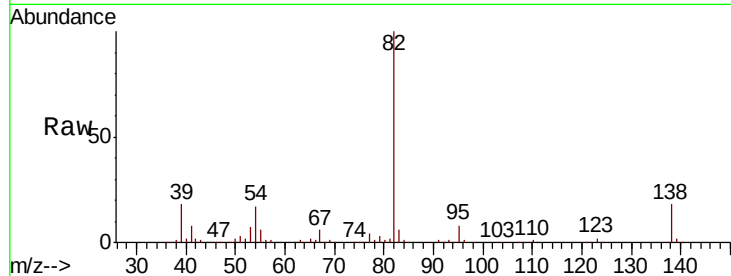




#25
Isophorone
Concen: 37.224 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

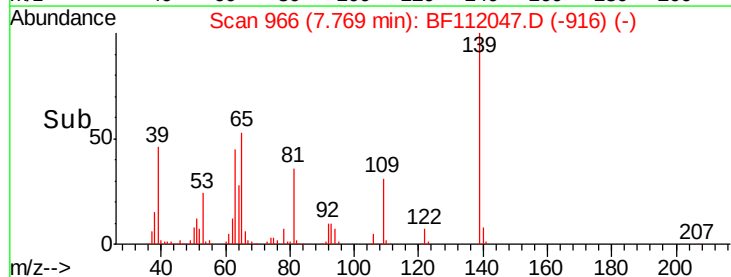
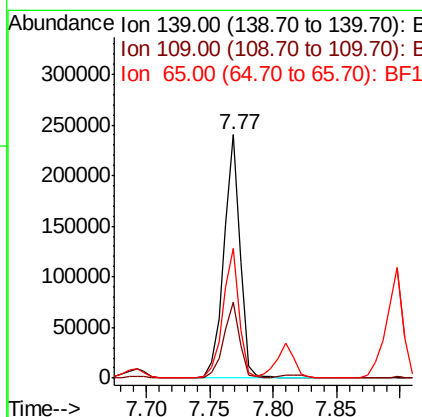
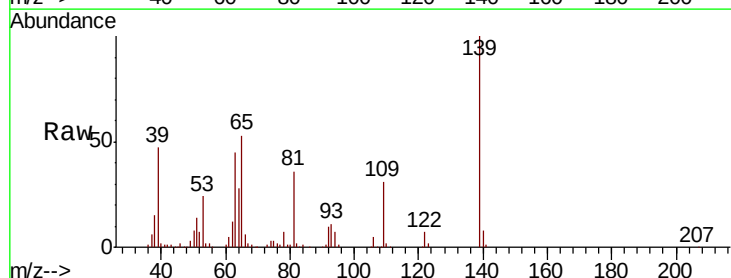
Instrument :
BNA_F
ClientSampleId :

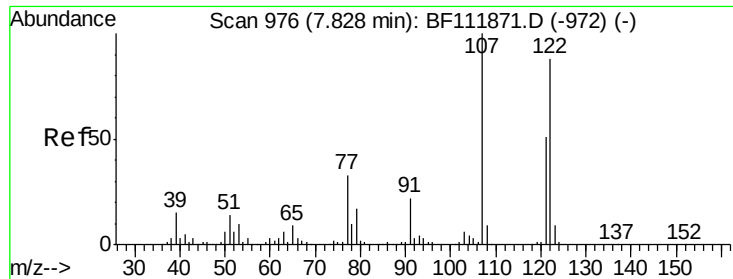
Tot Ion: 82 Resp: 635392
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 18.1 14.4 21.6



#26
2-Nitrophenol
Concen: 40.679 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion: 139 Resp: 213580
Ion Ratio Lower Upper
139 100
109 31.4 24.1 36.1
65 53.4 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 40.405 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

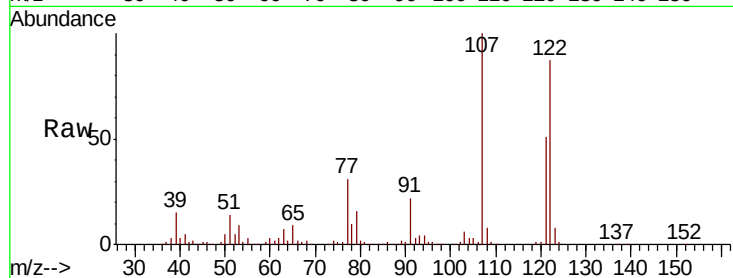
Tot Ion:122 Resp: 306731

Ion Ratio Lower Upper

122 100

107 115.3 91.0 136.6

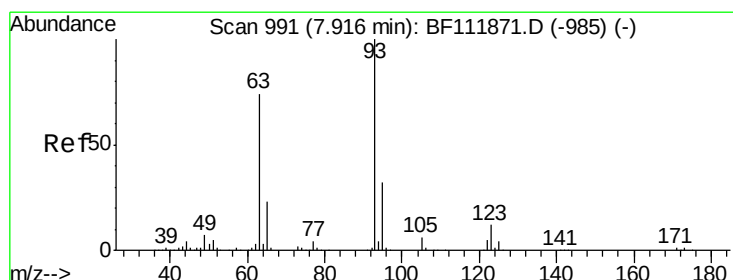
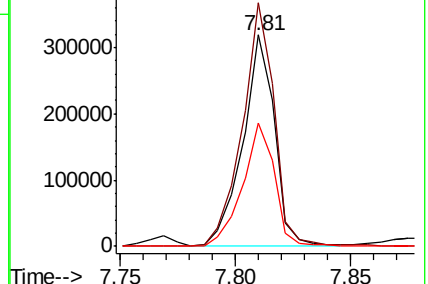
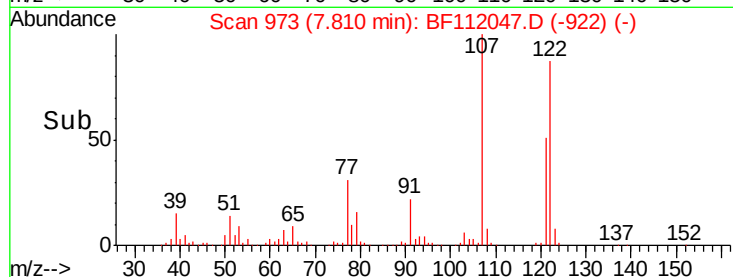
121 58.4 46.8 70.2



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: 39.931 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

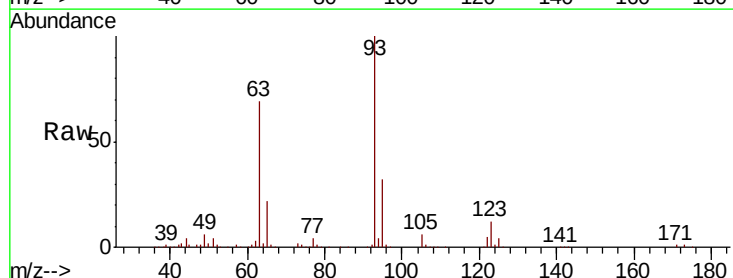
Tgt Ion: 93 Resp: 454950

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

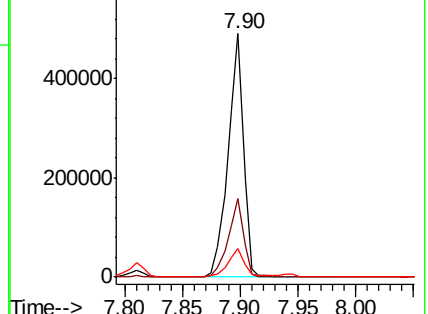
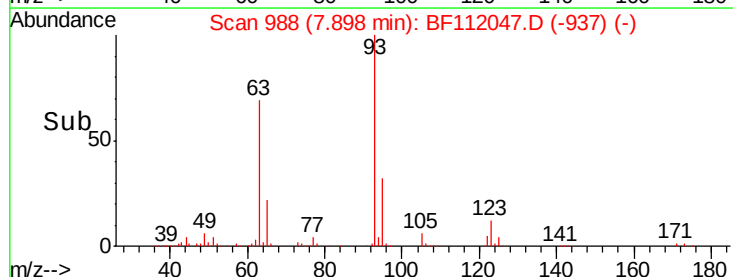
123 11.5 9.5 14.3

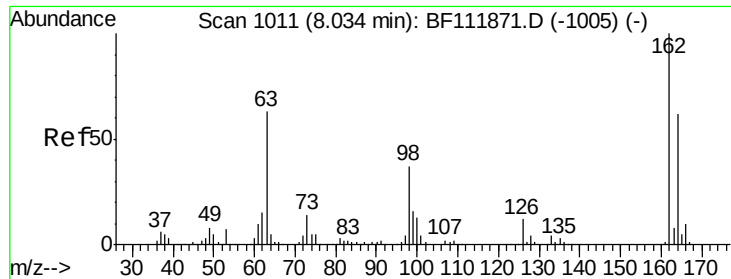


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

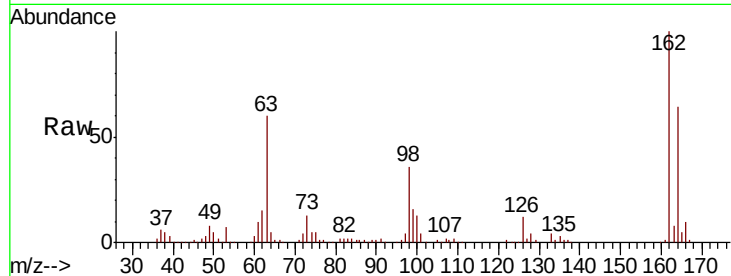




#29
2,4-Dichlorophenol
Concen: 40.376 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.1	82.1
98	35.9	17.2	57.2

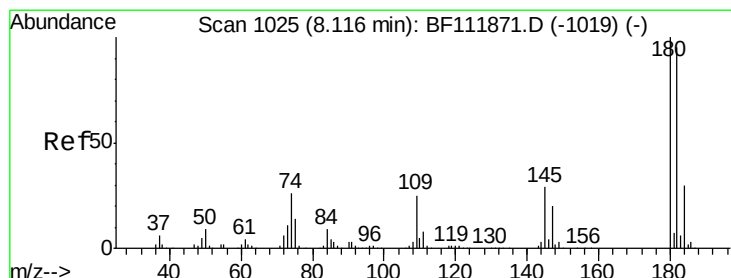
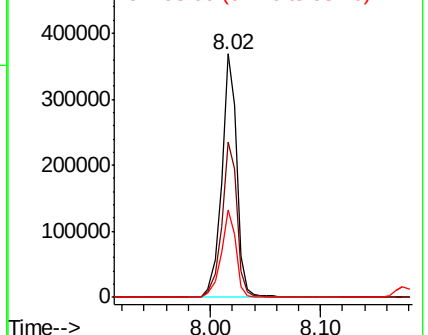
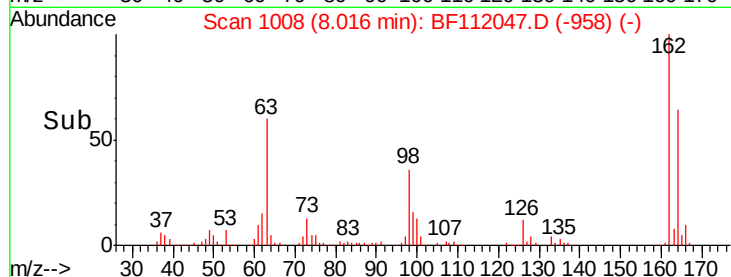


Abundance

Ion 162.00 (161.70 to 162.70): E

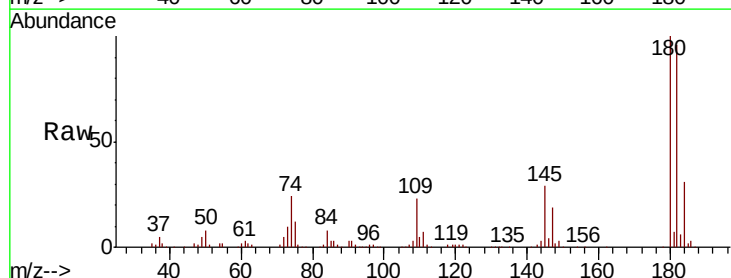
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.769 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	29.2	23.4	35.2

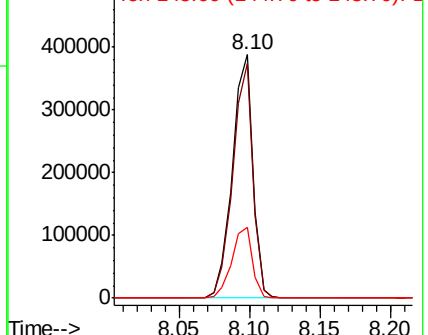
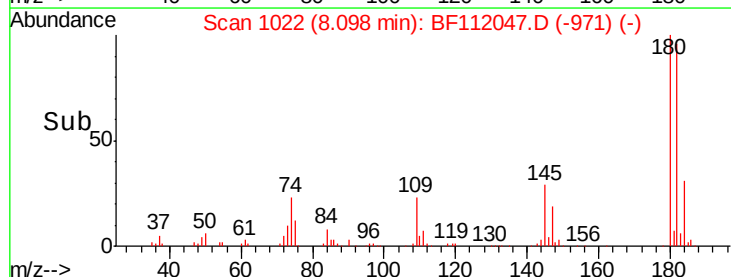


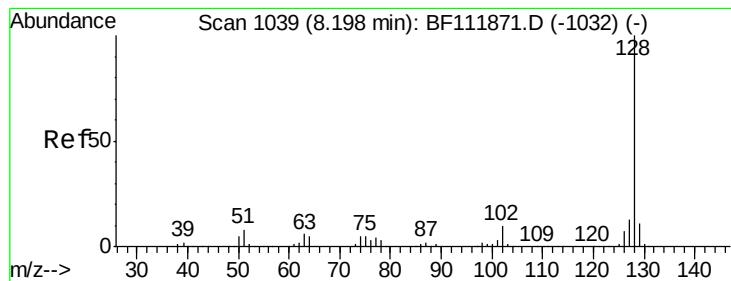
Abundance

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: 40.449 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

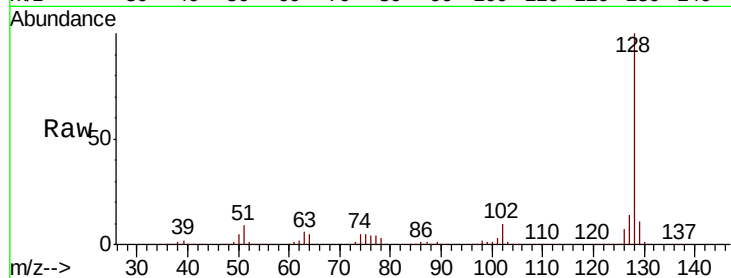
Tot Ion:128 Resp: 1081747

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

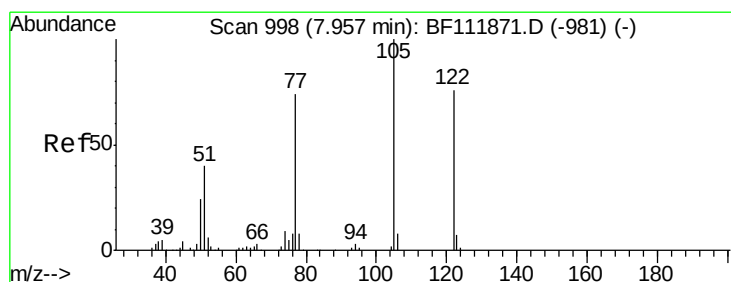
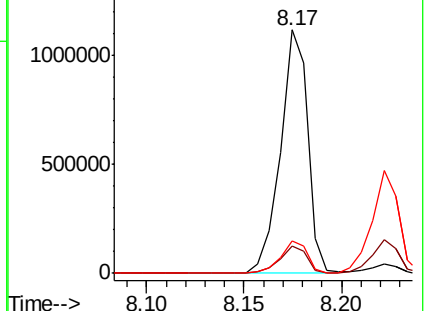
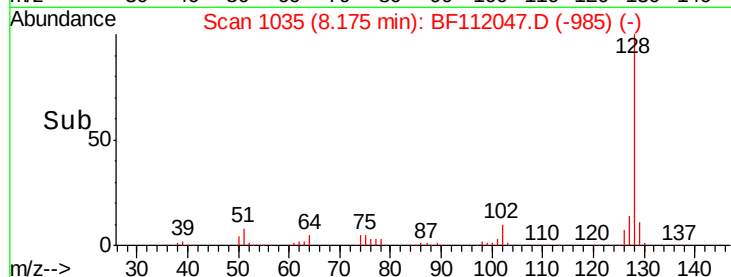
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.759 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

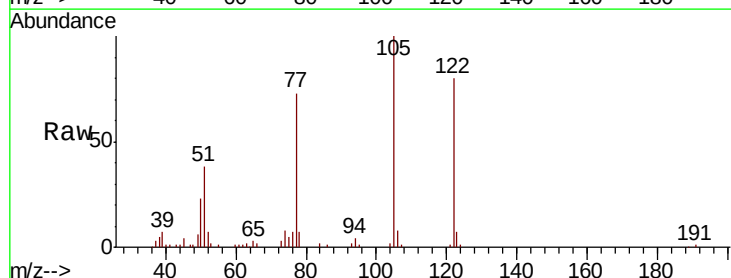
Tgt Ion:122 Resp: 171234

Ion Ratio Lower Upper

122 100

105 125.1 107.9 147.9

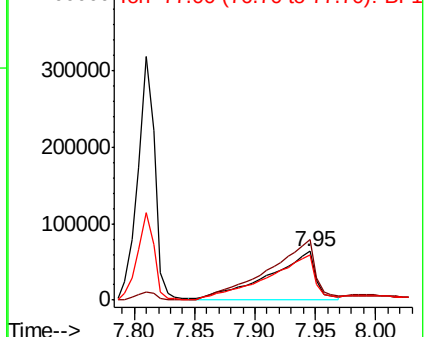
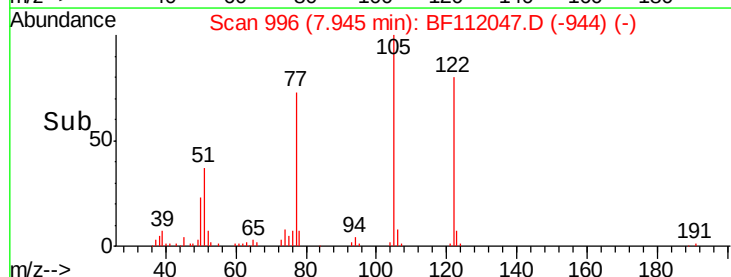
77 91.6 76.6 116.6

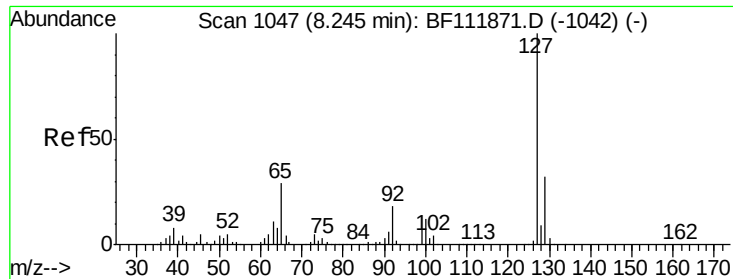


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

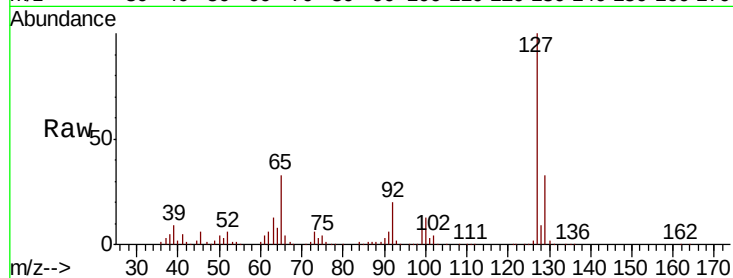




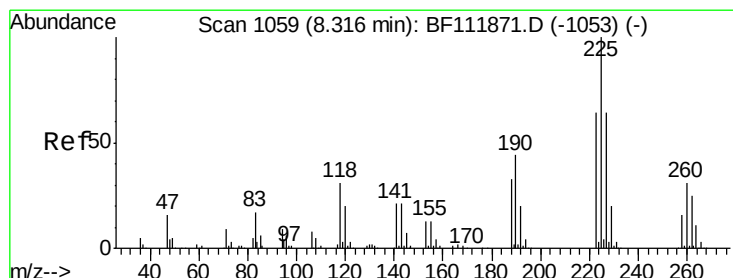
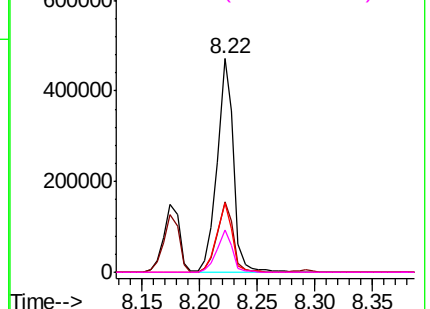
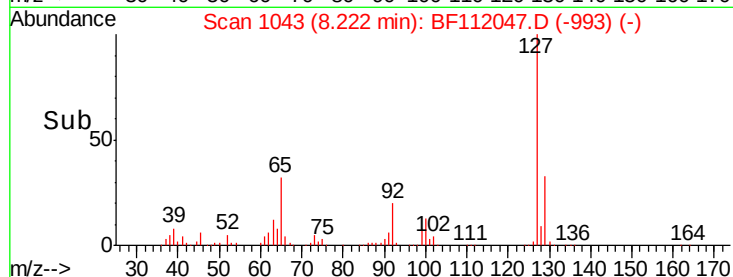
#33
4-Chloroaniline
Concen: 39.882 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	461067
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	32.6	23.5	35.3
92	19.5	14.2	21.2

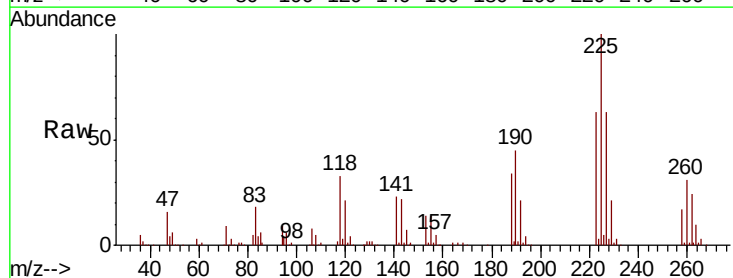


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

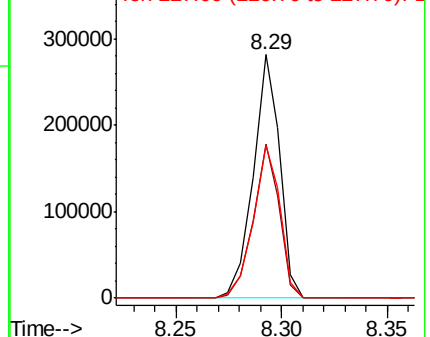
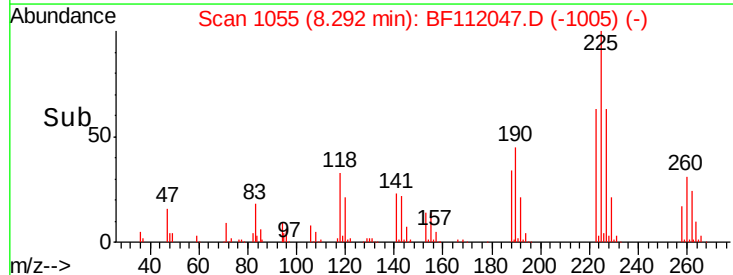


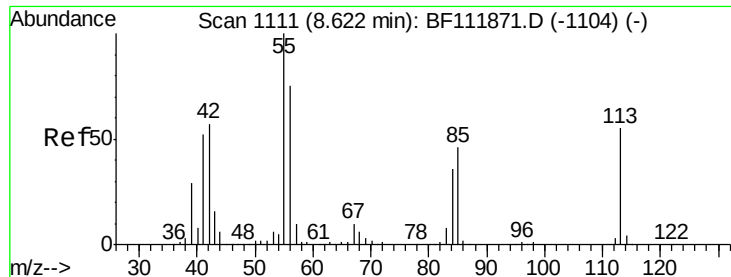
#34
Hexachlorobutadiene
Concen: 40.823 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:	225	Resp:	244736
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	62.7	51.4	77.0



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

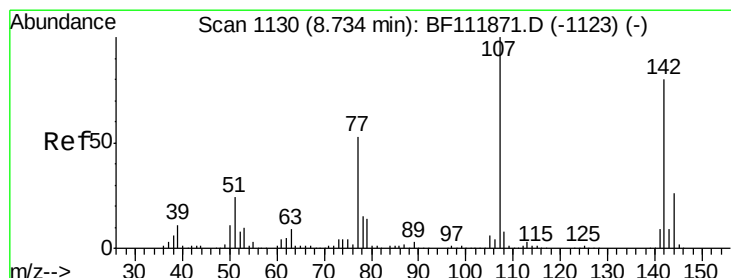
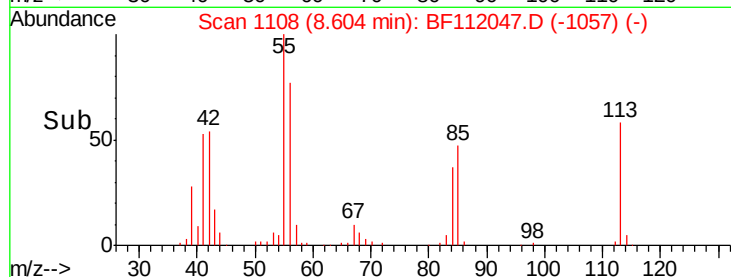
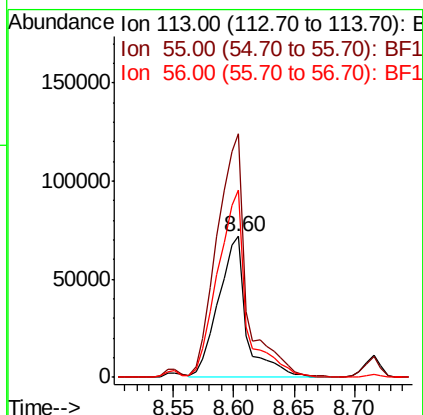
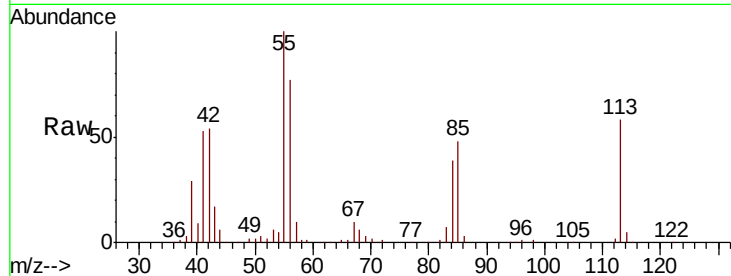




#35
Caprolactam
Concen: 41.029 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

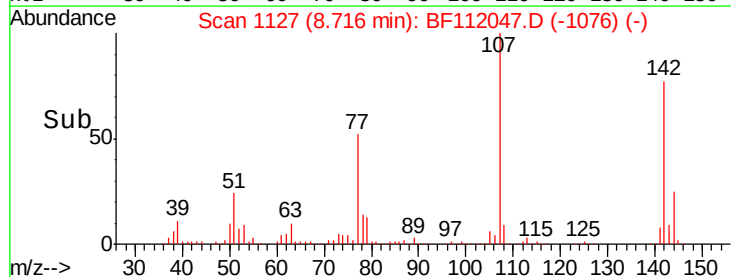
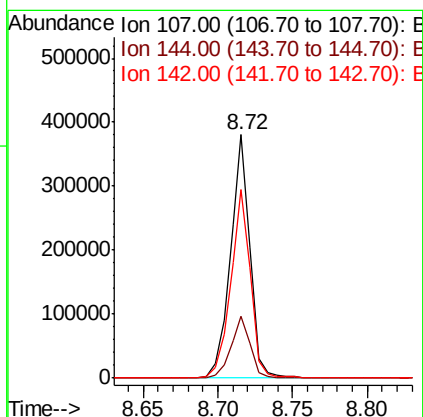
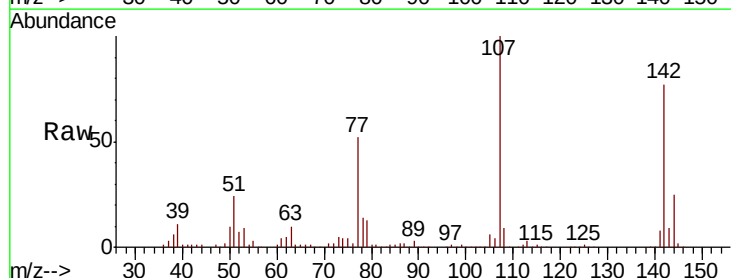
Instrument :
BNA_F
ClientSampleId :

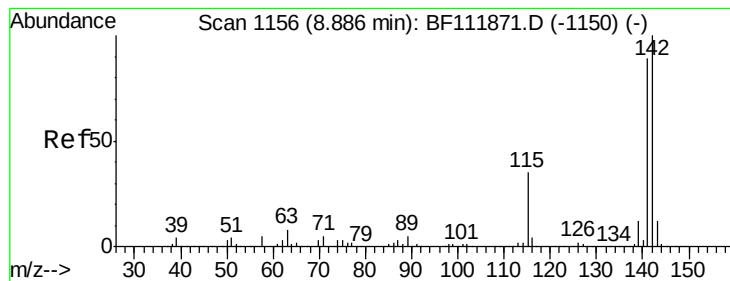
Tot Ion:113 Resp: 117017
Ion Ratio Lower Upper
113 100
55 173.1 162.0 202.0
56 132.7 116.0 156.0



#36
4-Chloro-3-methylphenol
Concen: 40.585 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:107 Resp: 352243
Ion Ratio Lower Upper
107 100
144 25.4 20.7 31.1
142 77.4 63.9 95.9

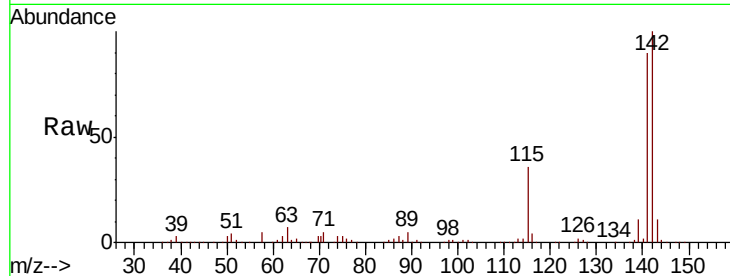




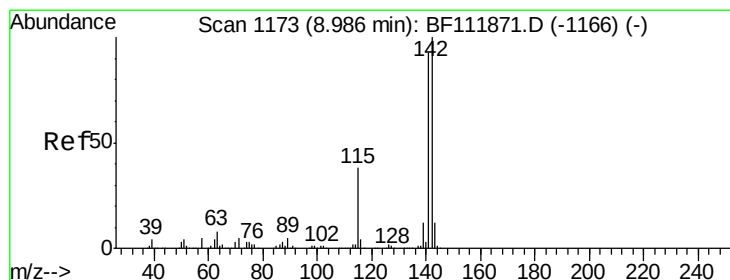
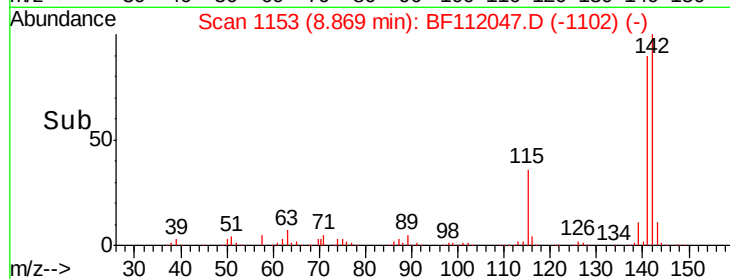
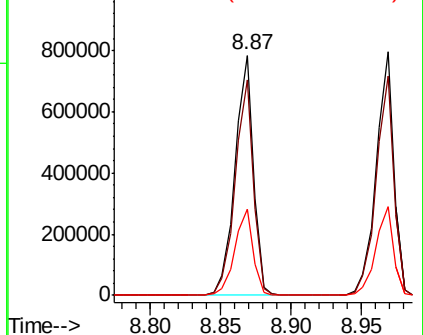
#37
 2-Methylnaphthalene
 Concen: 43.018 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	36.1	28.3	42.5

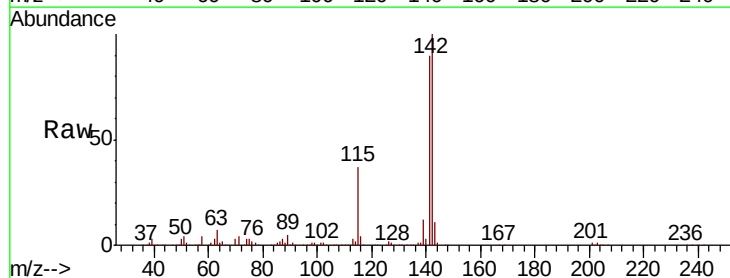


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

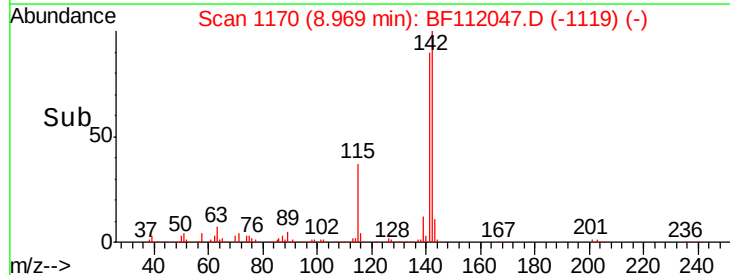
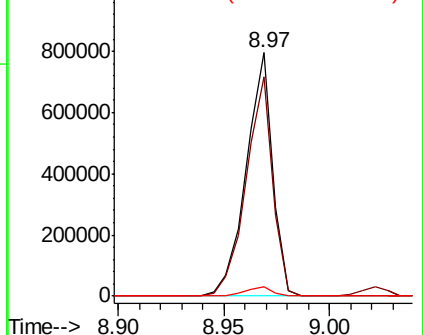


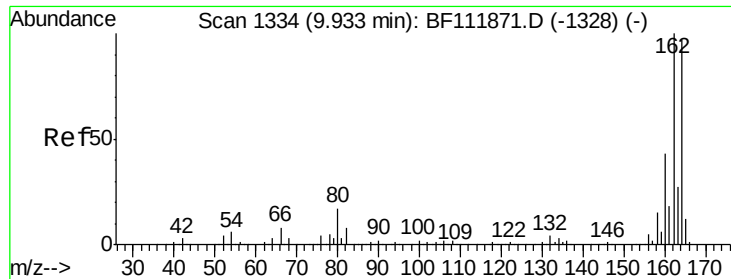
#38
 1-Methylnaphthalene
 Concen: 43.447 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.8	112.2
116	3.9	3.1	4.7



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

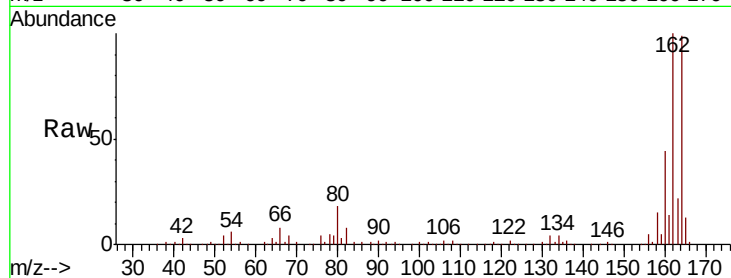




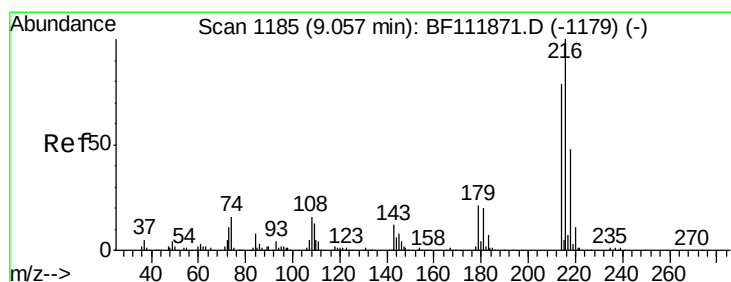
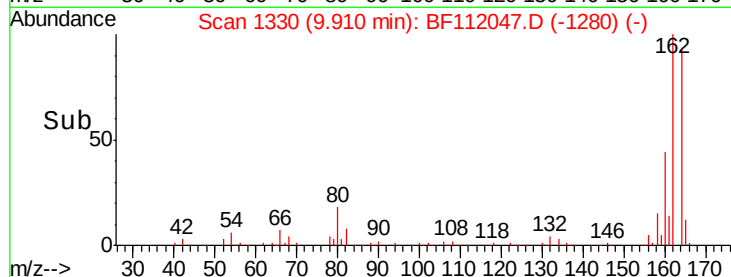
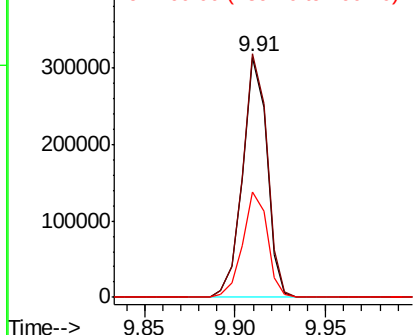
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 293414
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.2 123.2
 160 44.1 35.5 53.3

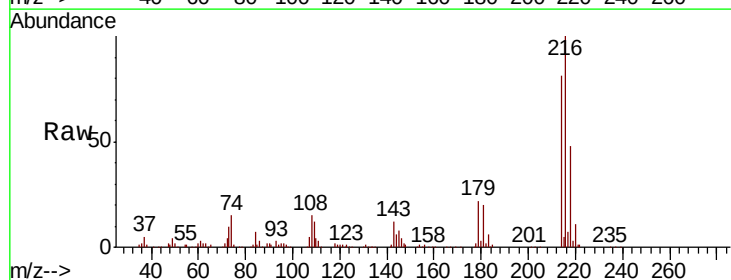


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

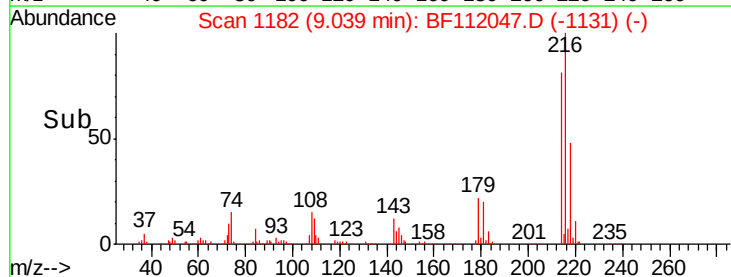
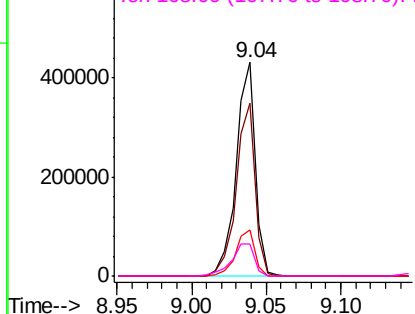


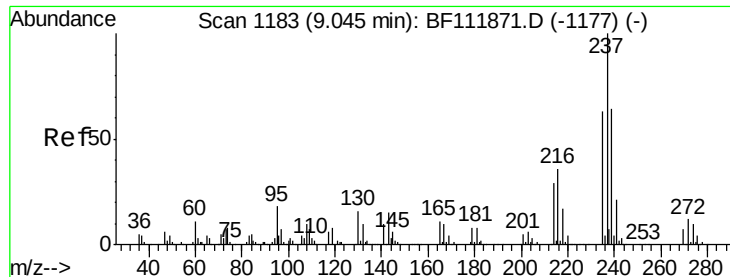
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.463 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:216 Resp: 387851
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.5 95.3
 179 21.7 17.0 25.6
 108 18.1 14.6 22.0



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

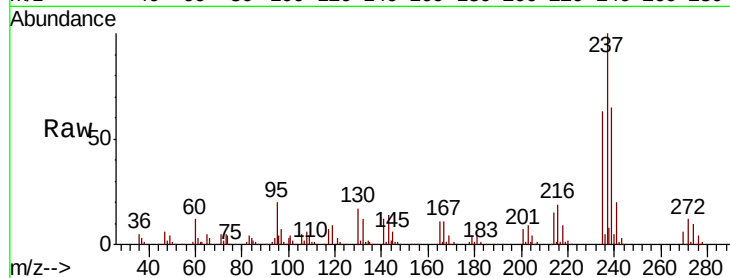




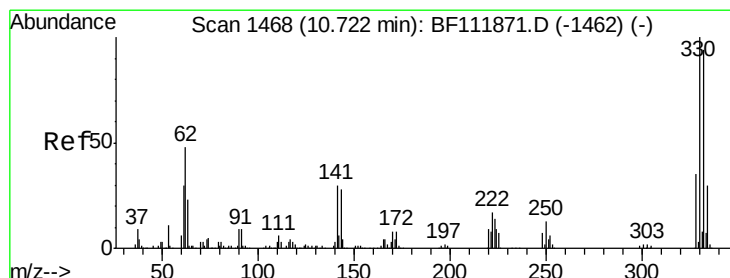
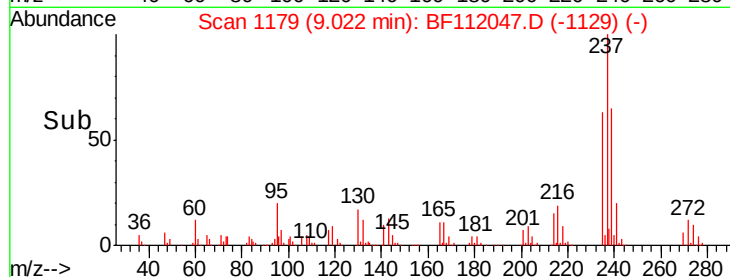
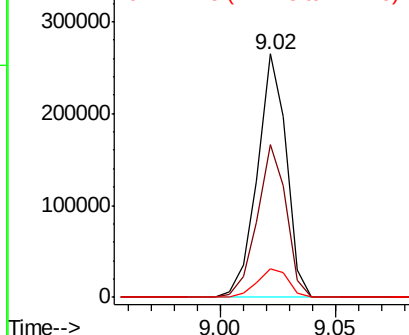
#41
Hexachlorocyclopentadiene
Concen: 43.134 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 233292
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 11.8 0.0 32.3

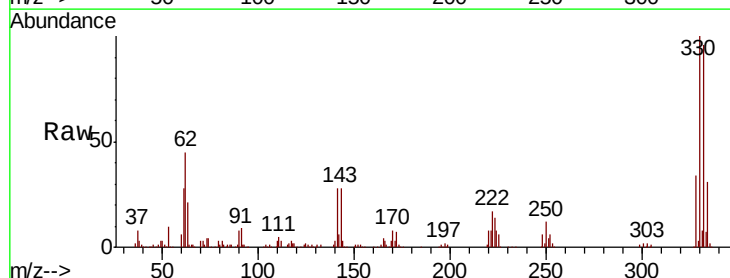


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

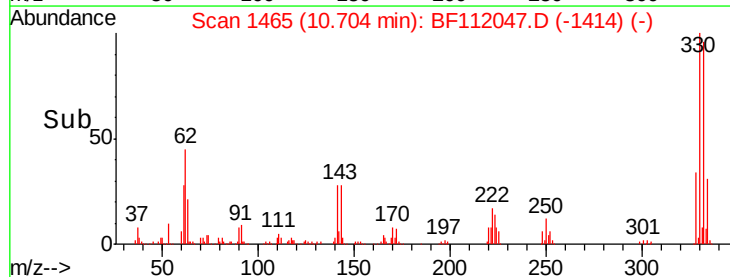
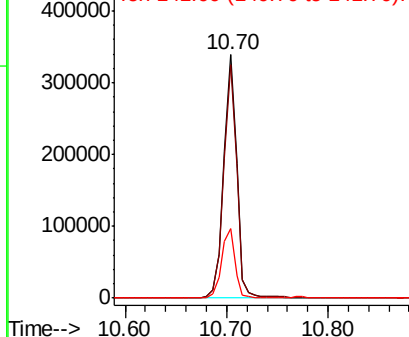


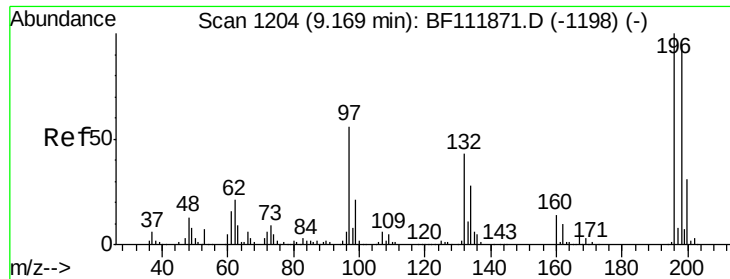
#42
2,4,6-Tribromophenol
Concen: 79.647 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:330 Resp: 303968
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 29.2 23.7 35.5



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

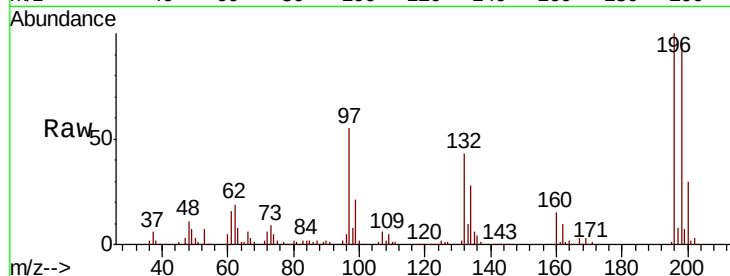




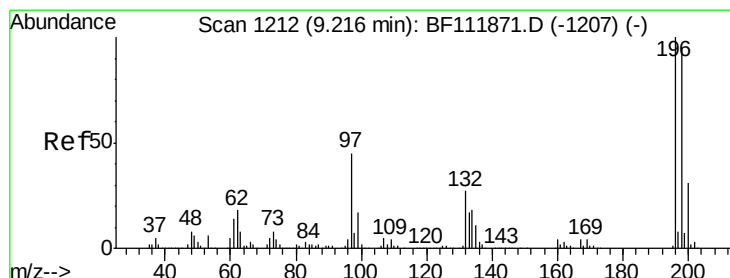
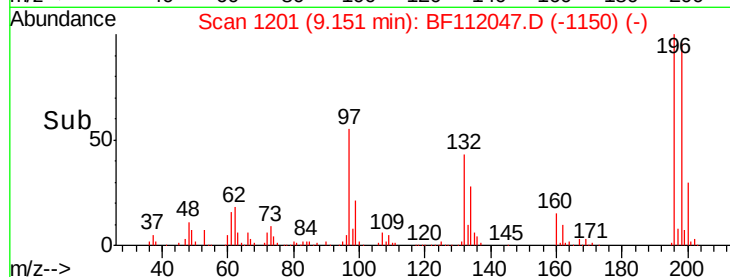
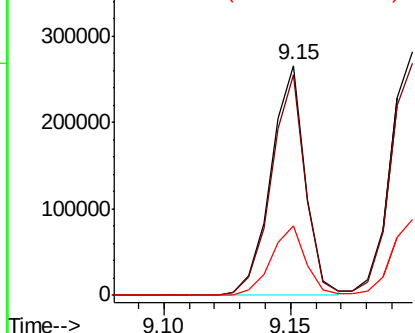
#43
 2,4,6-Trichlorophenol
 Concen: 39.681 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 251761
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.8 113.8
 200 30.4 24.5 36.7



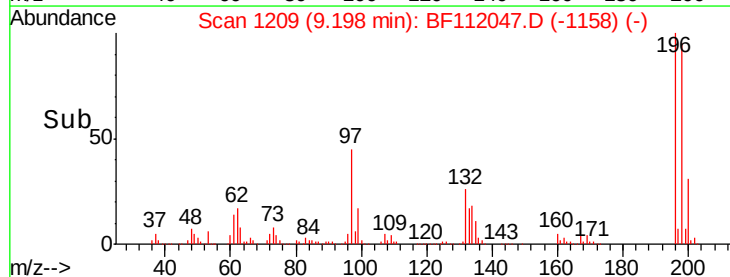
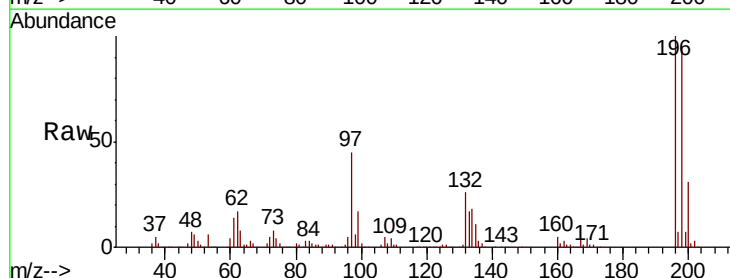
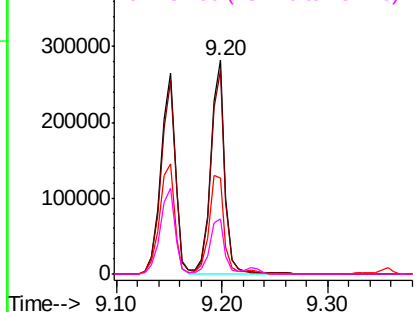
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

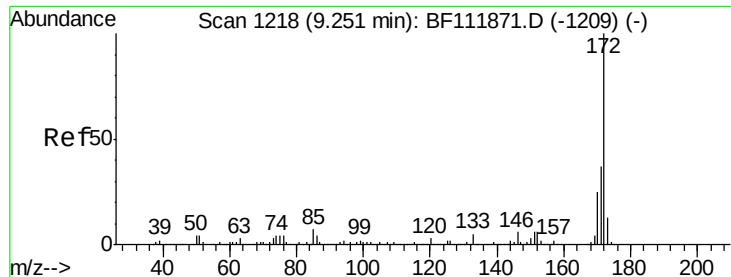


#44
 2,4,5-Trichlorophenol
 Concen: 39.672 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:196 Resp: 263715
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.2
 97 44.9 36.4 54.6
 132 25.8 21.7 32.5

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

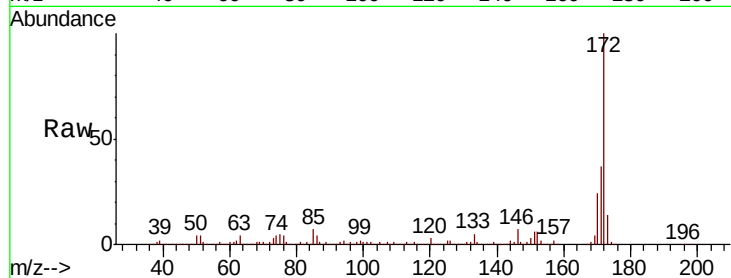




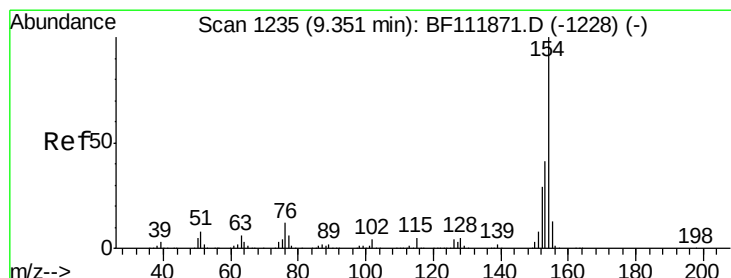
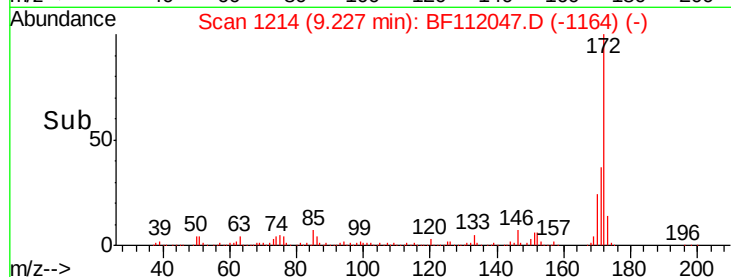
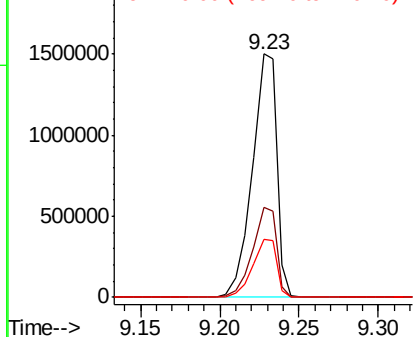
#45
2-Fluorobiphenyl
Concen: 80.284 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1615447
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8

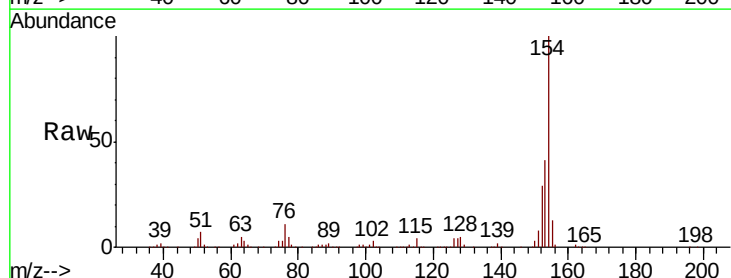


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

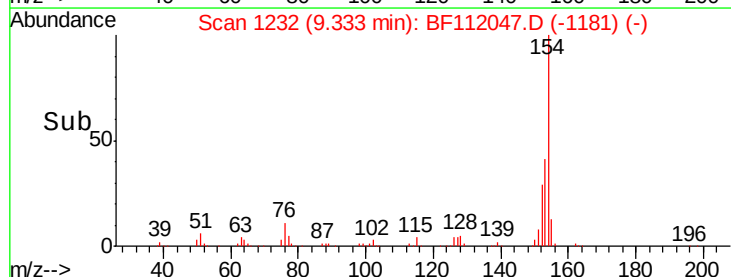
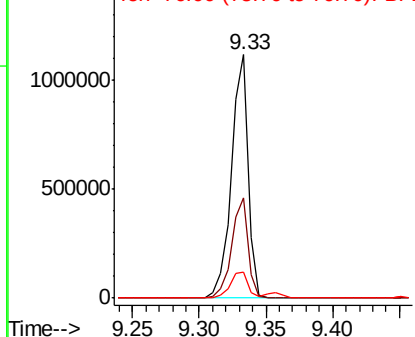


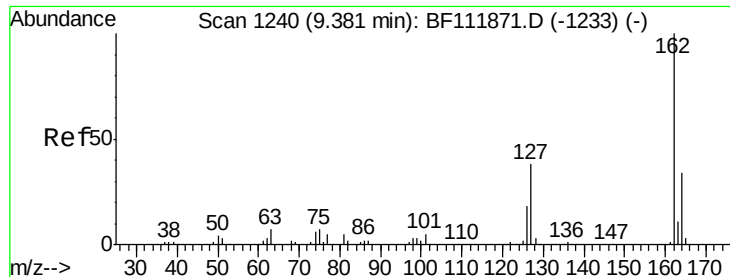
#46
1,1'-Biphenyl
Concen: 40.437 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:154 Resp: 992474
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 10.9 0.0 32.3



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

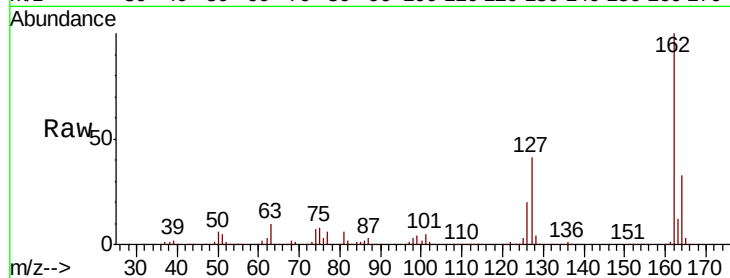




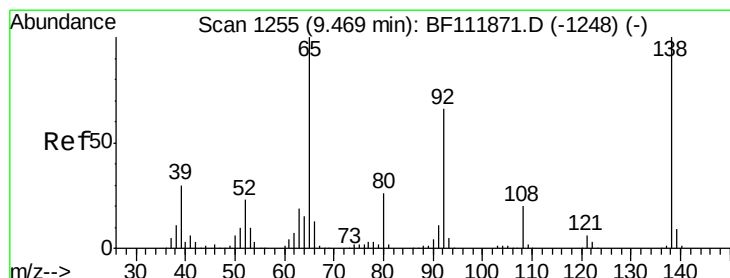
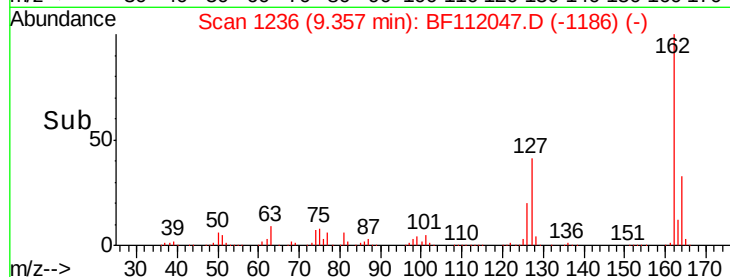
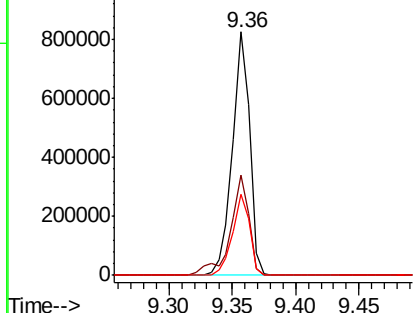
#47
 2-Chloronaphthalene
 Concen: 40.154 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 773473
 Ion Ratio Lower Upper
 162 100
 127 41.3 31.2 46.8
 164 33.2 27.0 40.6

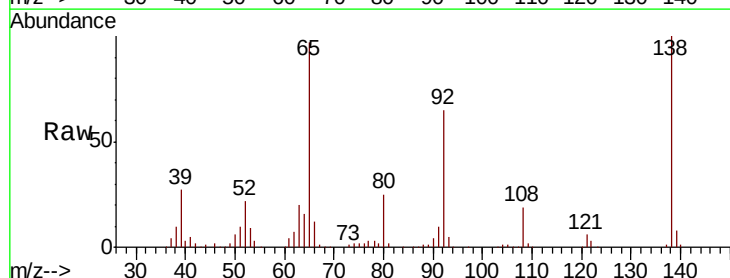


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

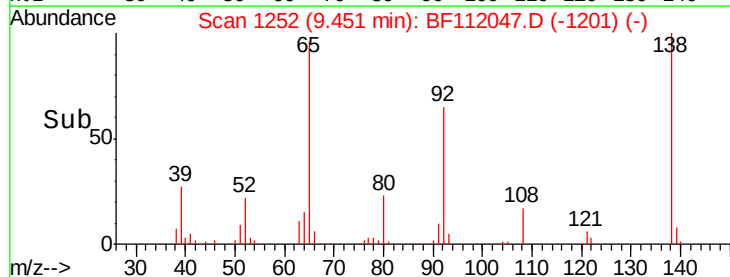
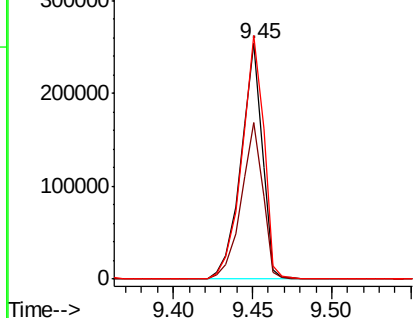


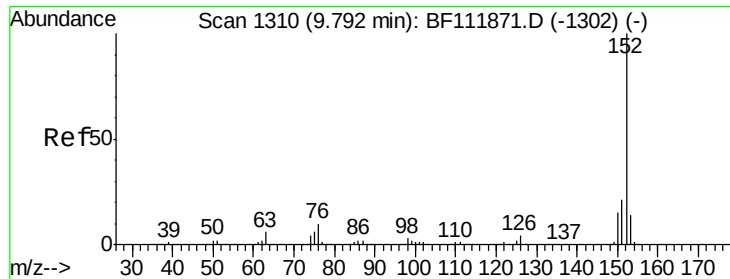
#48
 2-Nitroaniline
 Concen: 40.161 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion: 65 Resp: 236519
 Ion Ratio Lower Upper
 65 100
 92 66.6 52.5 78.7
 138 103.3 79.8 119.6



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





#49

Acenaphthylene

Concen: 39.974 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

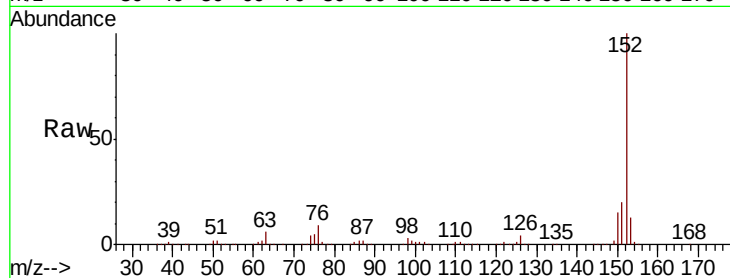
Tot Ion:152 Resp: 1138404

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

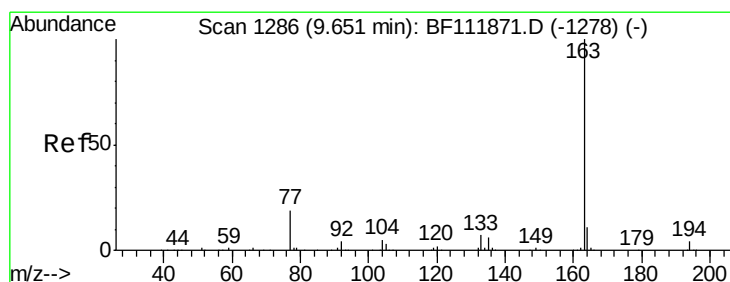
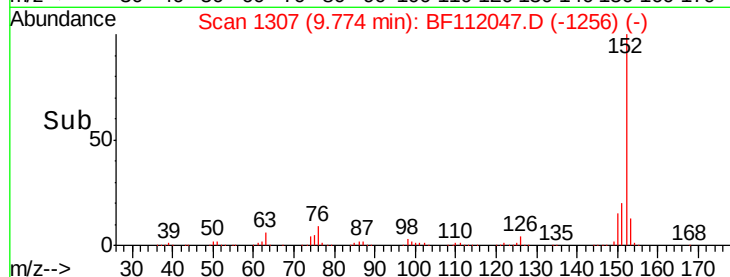
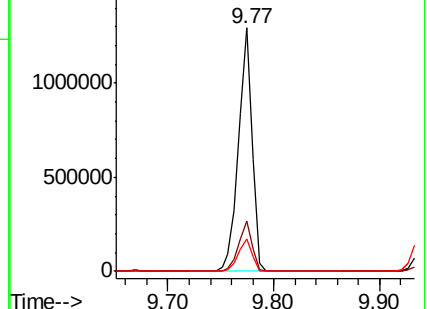
153 13.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.271 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

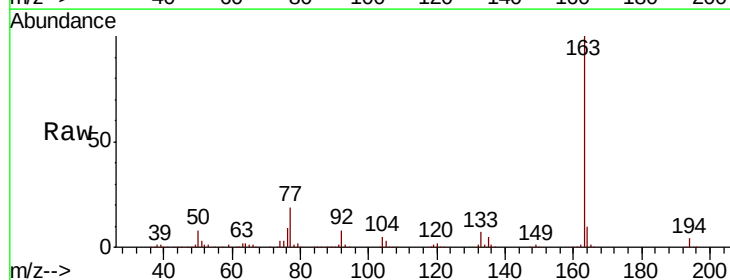
Tgt Ion:163 Resp: 887636

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

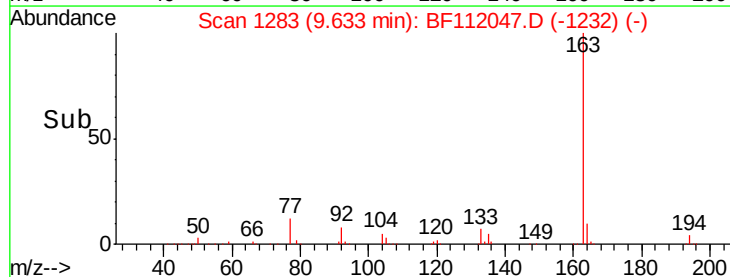
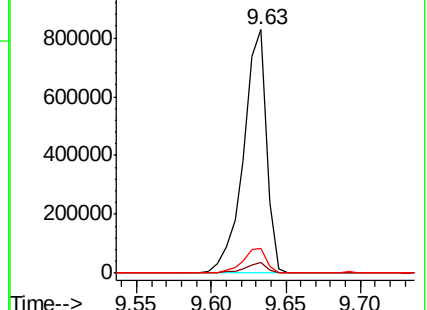
164 10.0 8.5 12.7

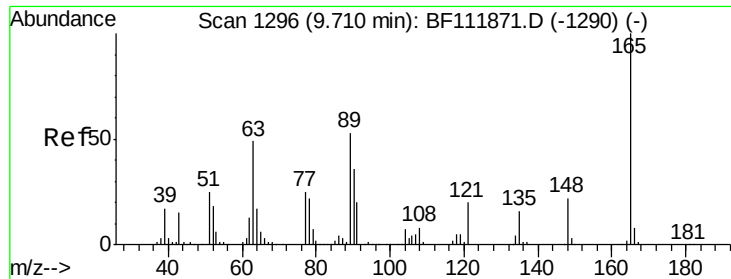


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

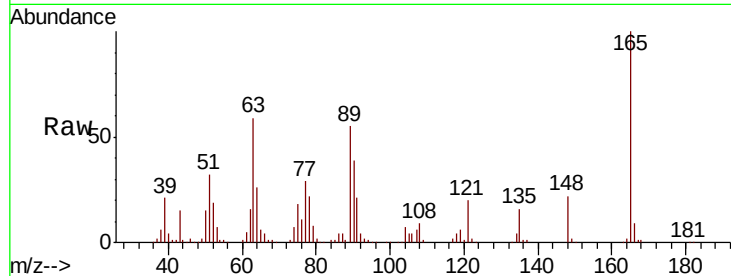




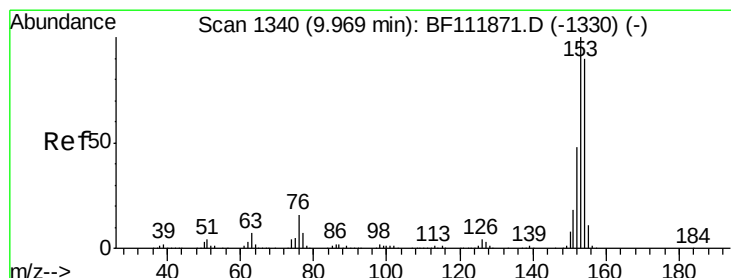
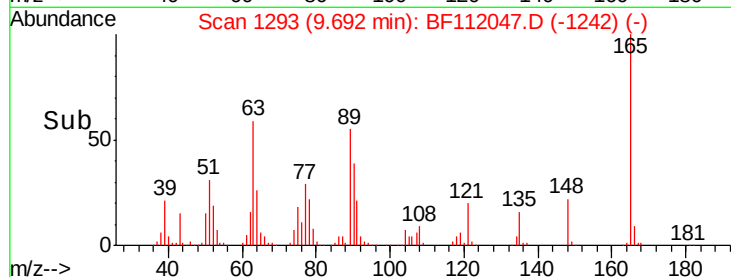
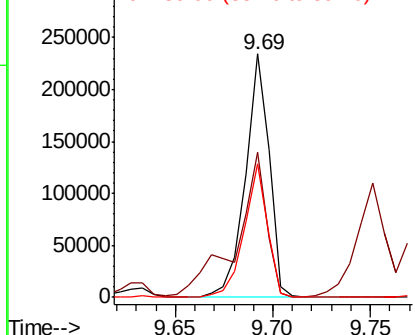
#51
 2,6-Dinitrotoluene
 Concen: 40.213 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 198205
 Ion Ratio Lower Upper
 165 100
 63 59.4 46.2 69.2
 89 55.0 42.2 63.2

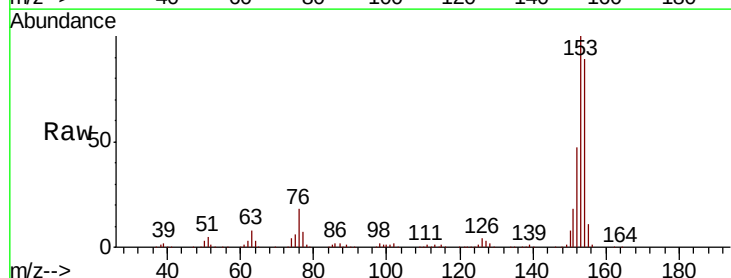


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

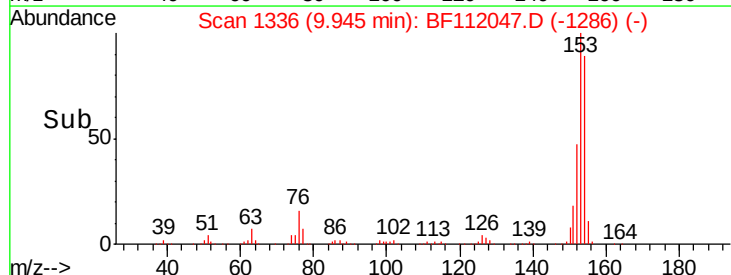
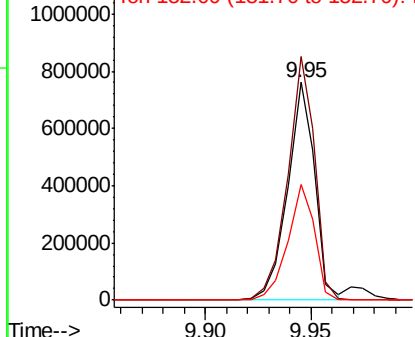


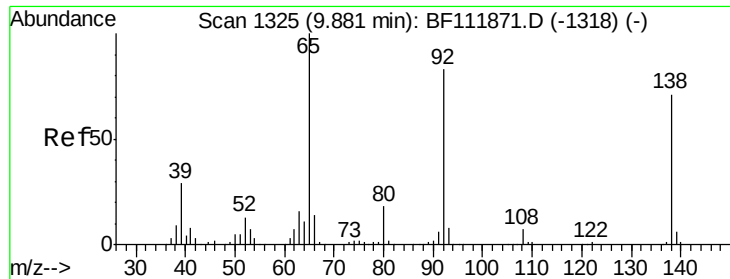
#52
 Acenaphthene
 Concen: 37.005 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:154 Resp: 679378
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.4 134.0
 152 52.8 43.1 64.7



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

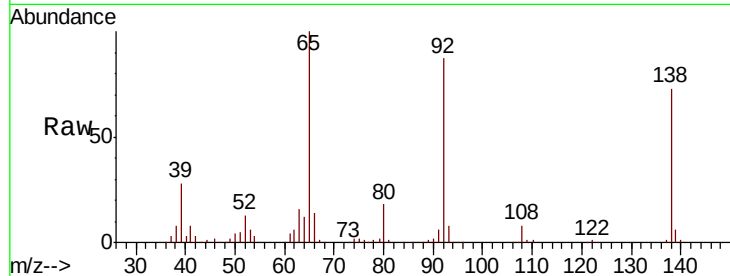




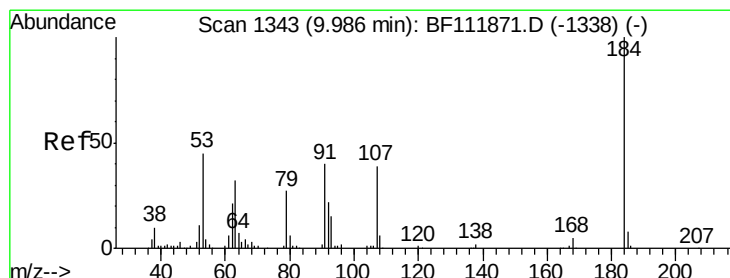
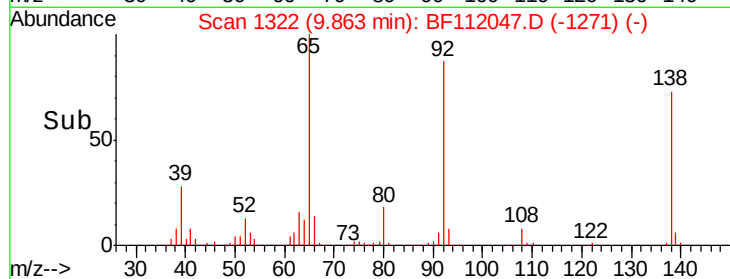
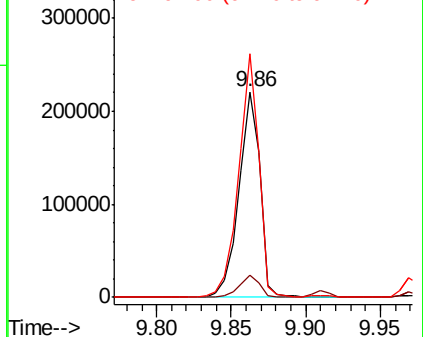
#53
 3-Nitroaniline
 Concen: 41.311 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 218054
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.2 12.4
 92 118.3 93.5 140.3

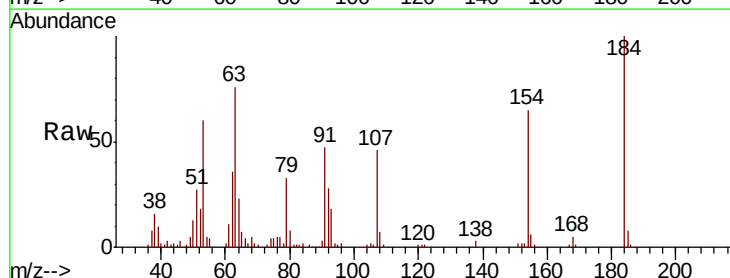


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

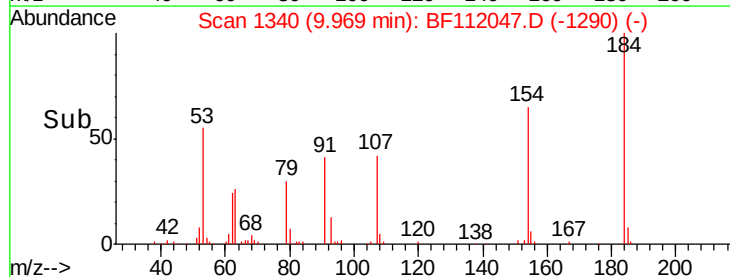
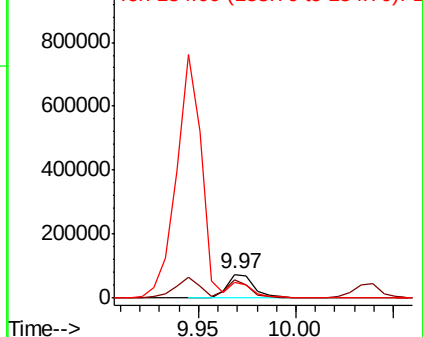


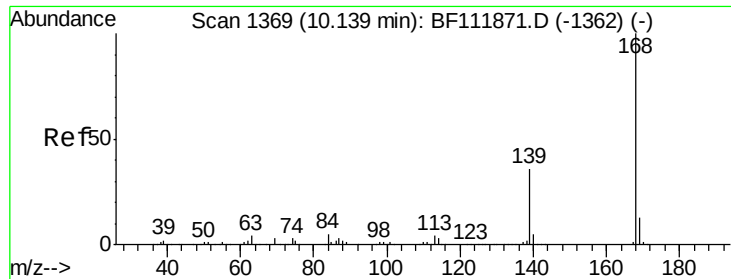
#54
 2,4-Dinitrophenol
 Concen: 36.628 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:184 Resp: 76446
 Ion Ratio Lower Upper
 184 100
 63 76.0 46.9 70.3#
 154 64.6 46.9 70.3



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

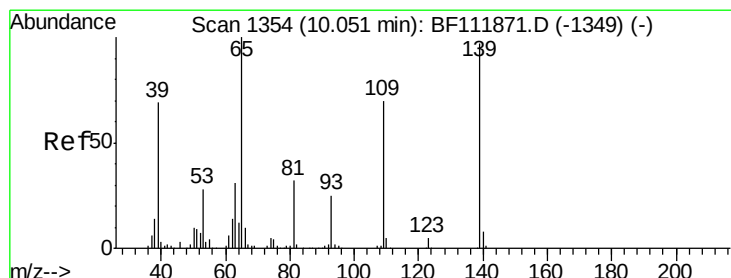
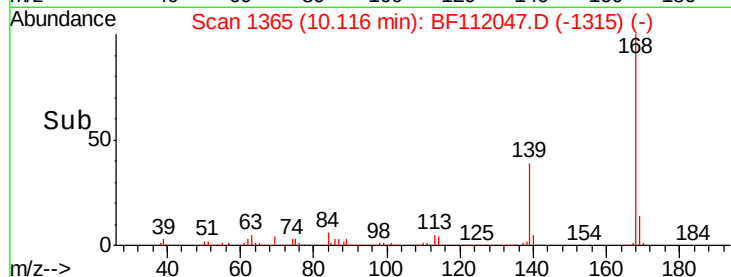
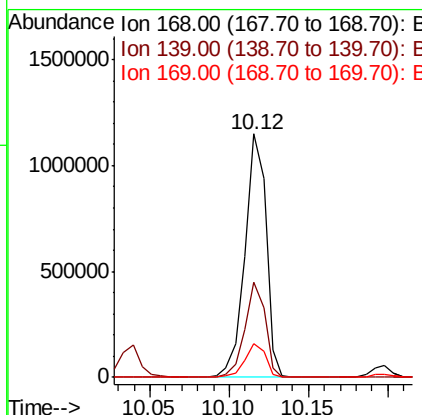
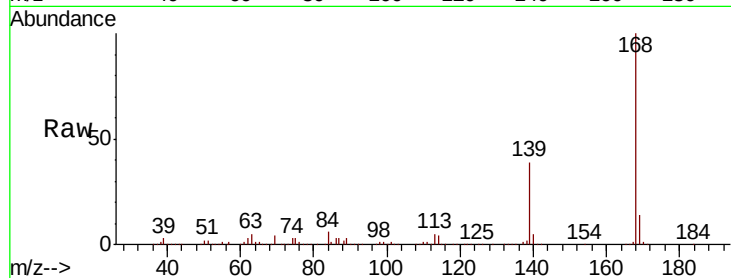




#55
Dibenzofuran
Concen: 39.814 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

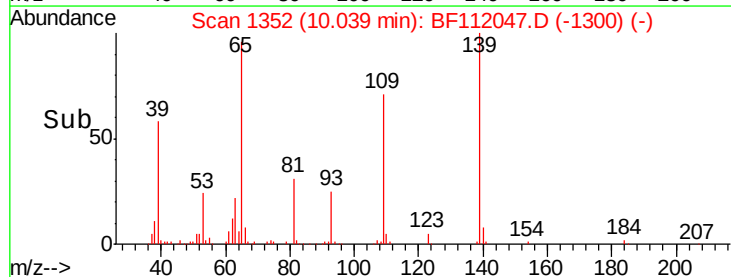
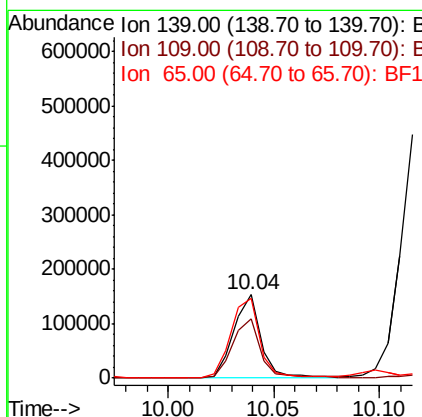
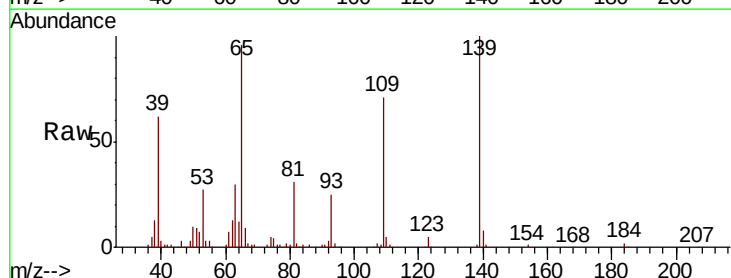
Instrument :
BNA_F
ClientSampleId :

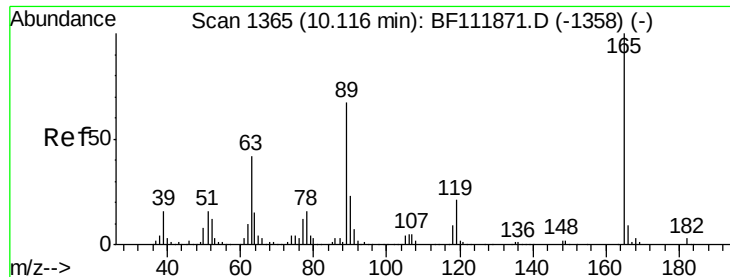
Tot Ion:168 Resp: 1063050
Ion Ratio Lower Upper
168 100
139 38.9 29.3 43.9
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 36.862 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:139 Resp: 137483
Ion Ratio Lower Upper
139 100
109 71.2 52.2 92.2
65 96.1 83.1 123.1

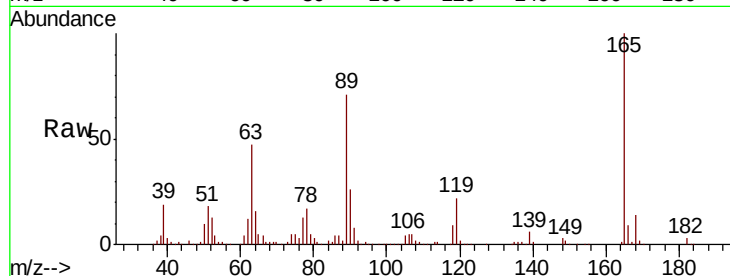




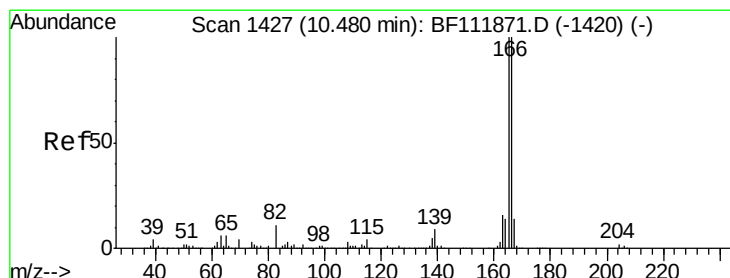
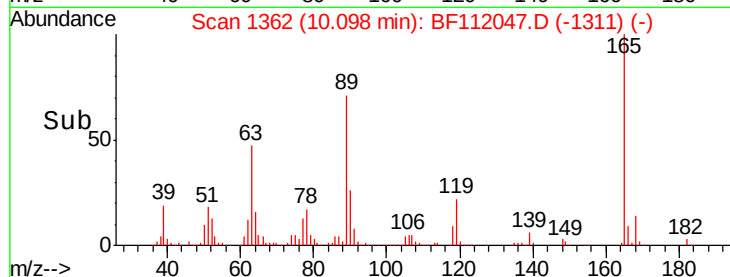
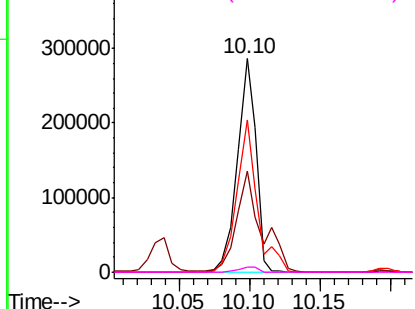
#57
2,4-Dinitrotoluene
Concen: 41.402 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	34.1	51.1
89	71.2	53.5	80.3
182	2.5	2.0	3.0

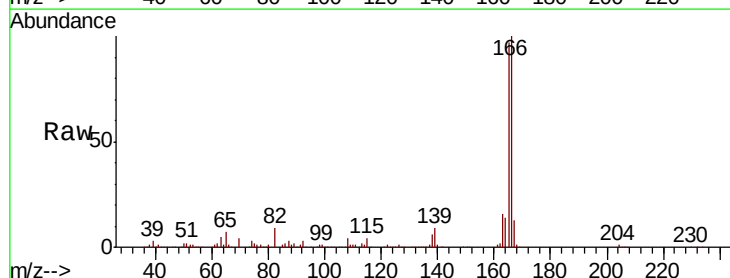


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

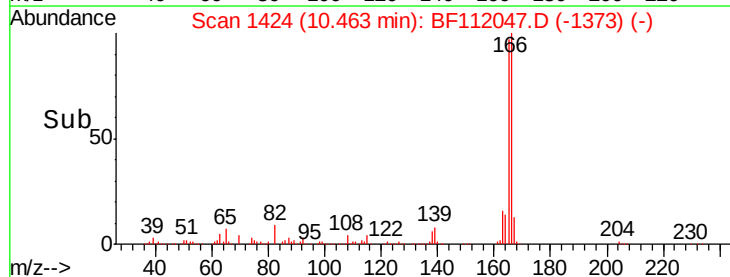
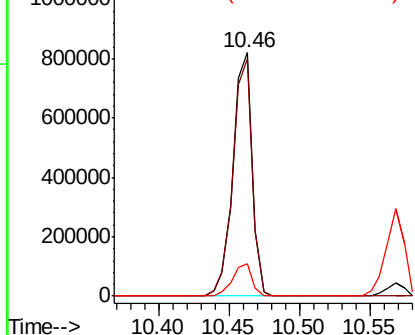


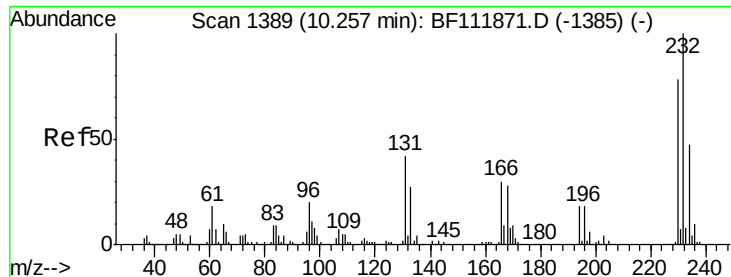
#58
Fluorene
Concen: 40.102 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.7	119.5
167	13.1	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

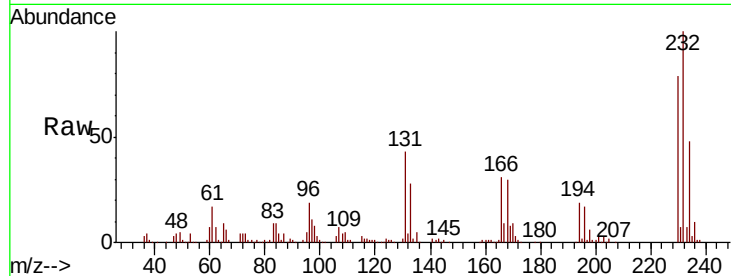




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.215 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.0	51.0
130	2.2	1.6	2.4
166	29.1	23.4	35.0



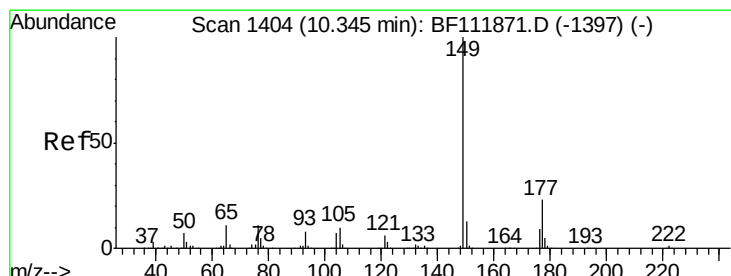
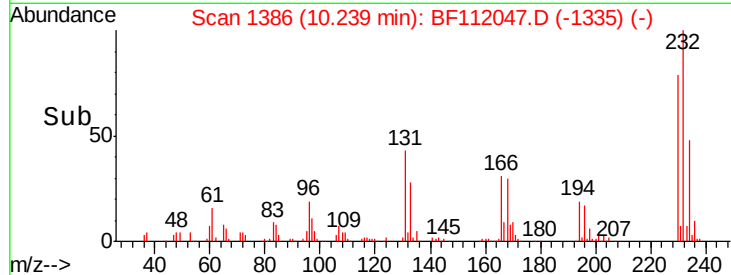
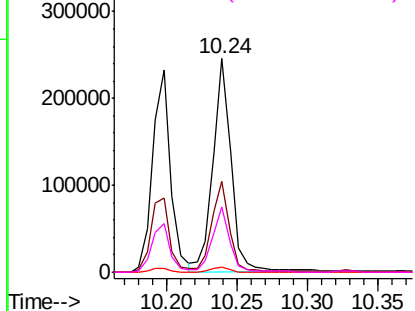
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

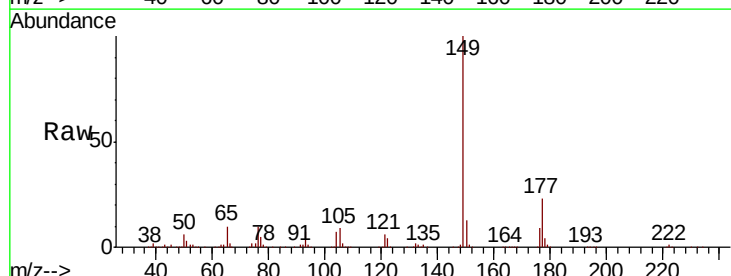
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.458 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.8	10.2	15.4

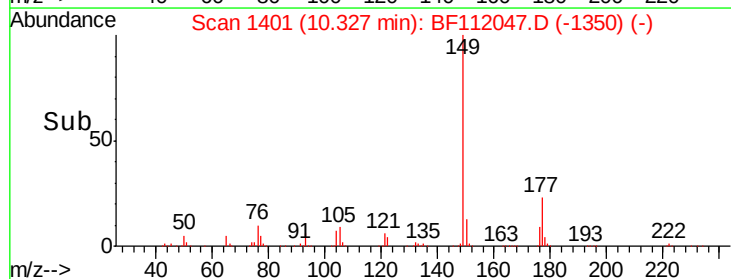
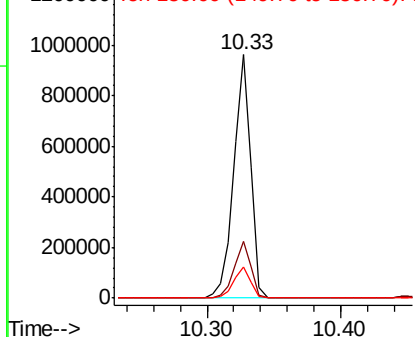


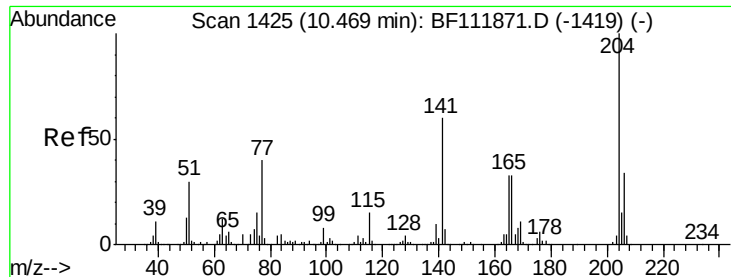
Abundance

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

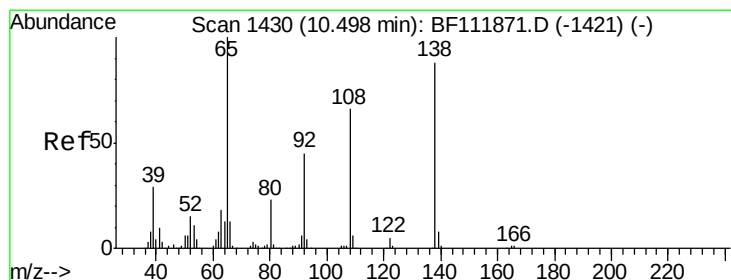
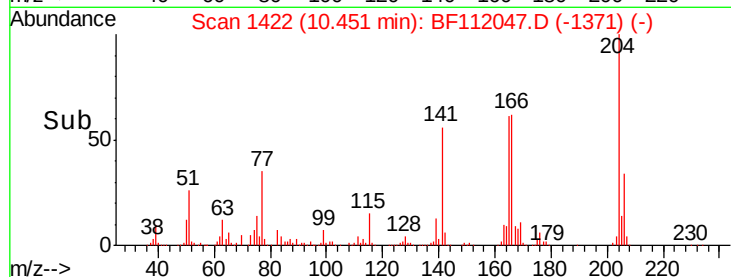
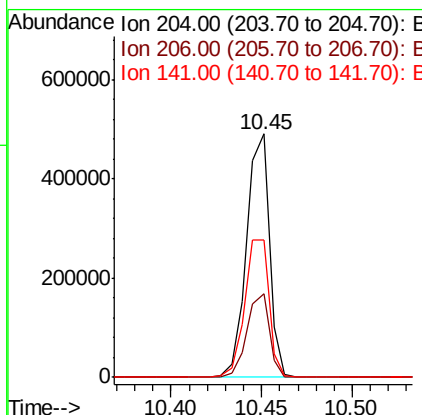
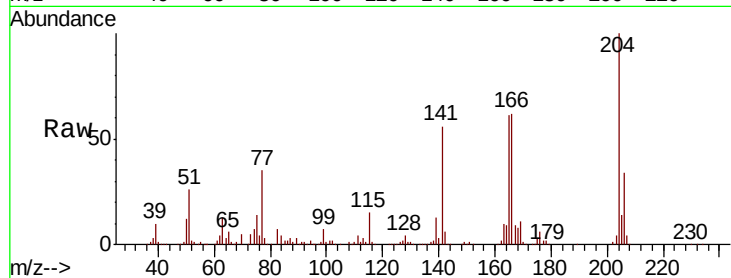




#61
4-Chlorophenyl-phenylether
Concen: 39.594 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

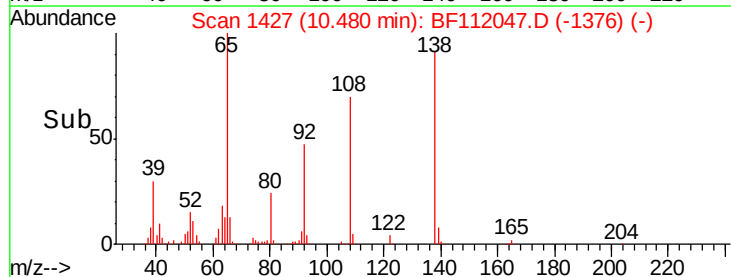
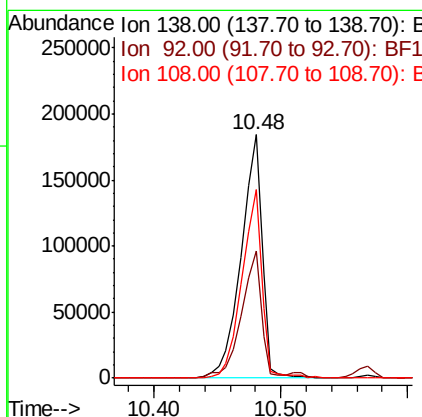
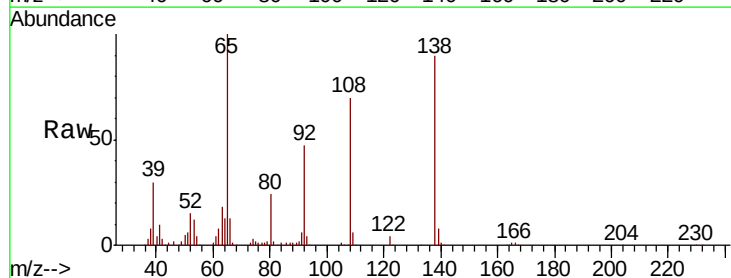
Instrument :
BNA_F
ClientSampled :

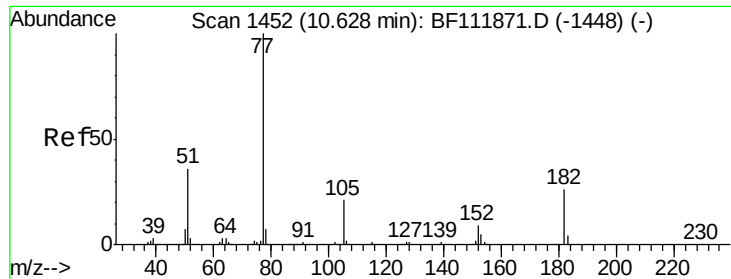
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.9	40.3
141	56.4	47.9	71.9



#62
4-Nitroaniline
Concen: 42.460 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.0	71.0
108	77.4	54.7	94.7





#63

Azobenzene

Concen: 40.543 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 826129

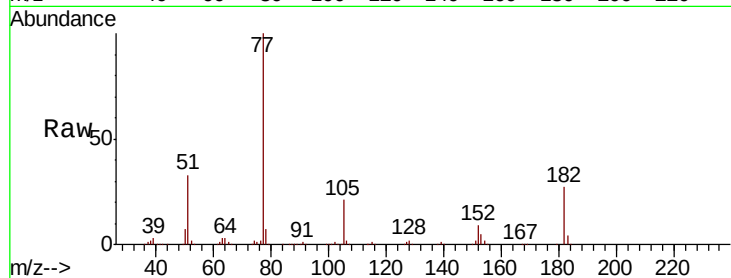
Ion Ratio Lower Upper

77 100

182 27.0 5.7 45.7

105 21.2 0.8 40.8

51 33.2 15.6 55.6

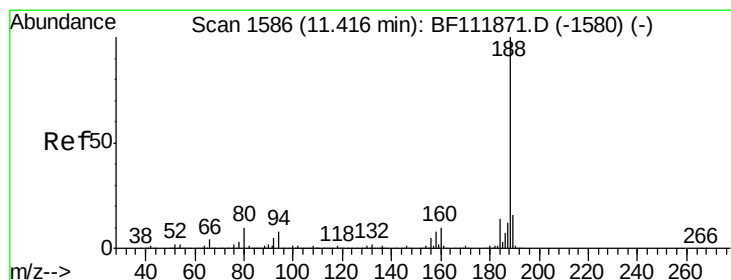
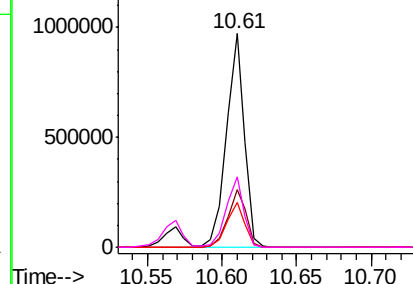
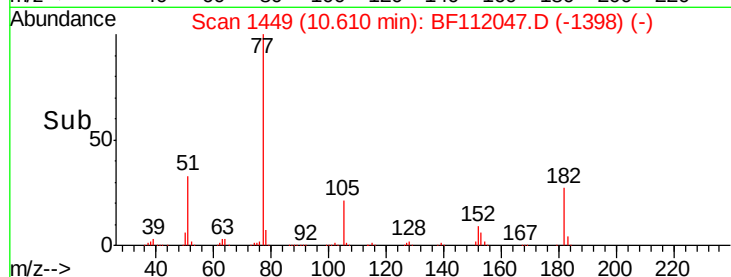


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

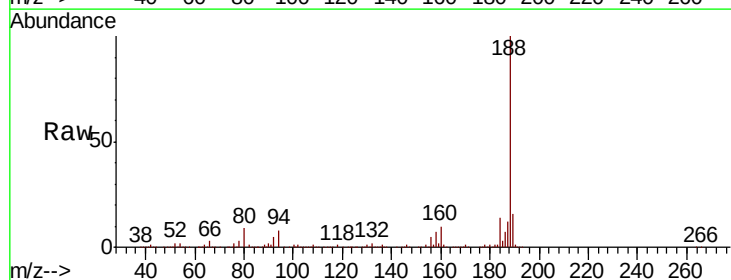
Tgt Ion: 188 Resp: 560208

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

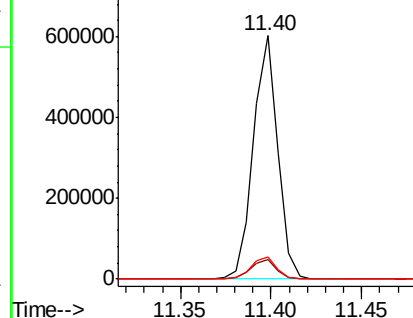
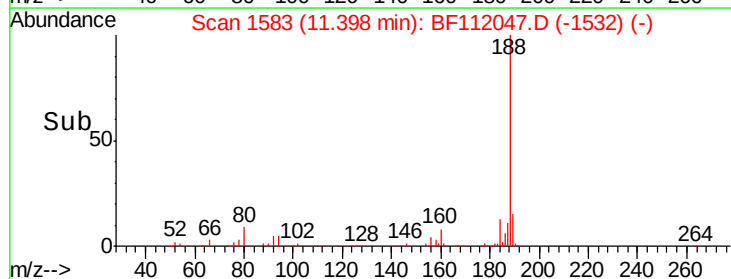
80 9.0 7.7 11.5

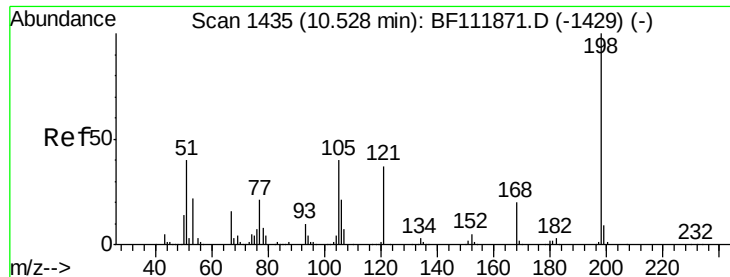


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

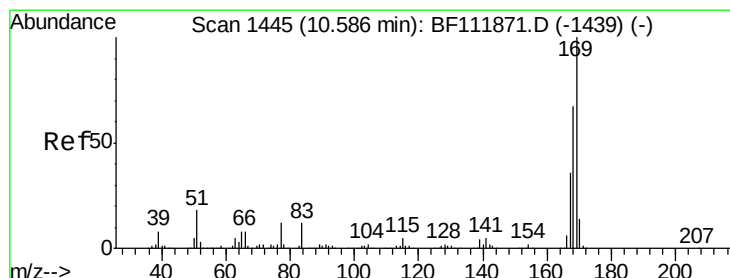
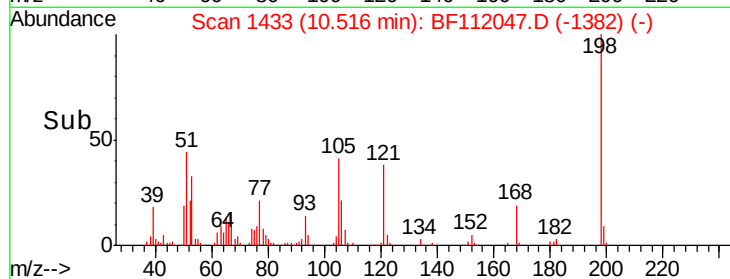
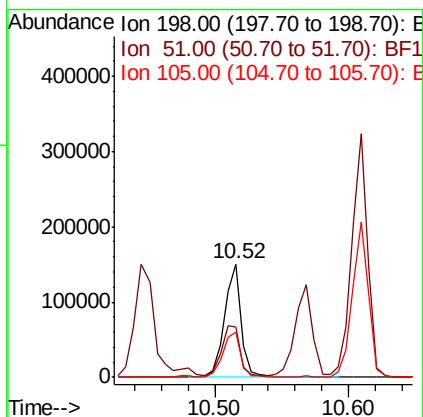
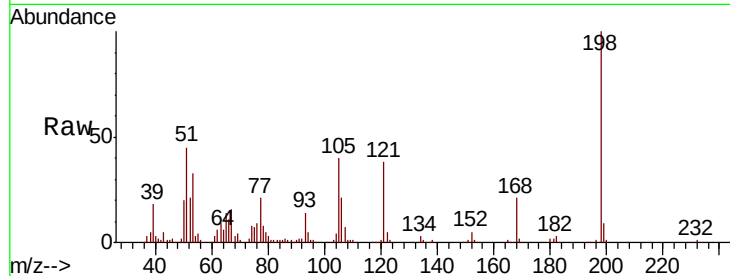




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.769 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

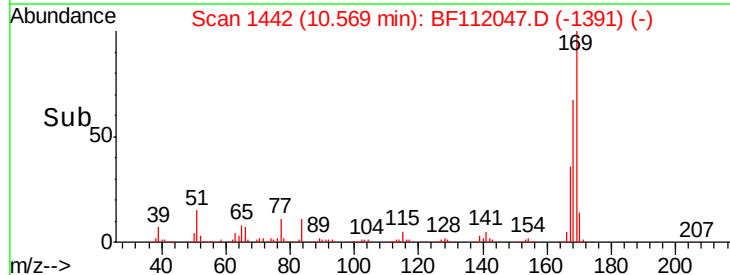
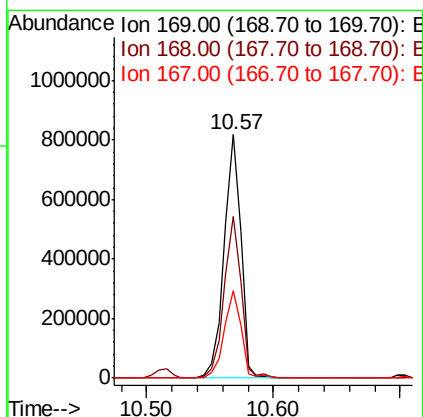
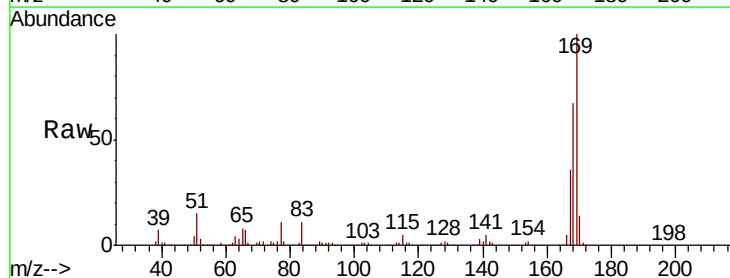
Instrument :
 BNA_F
 ClientSampled :

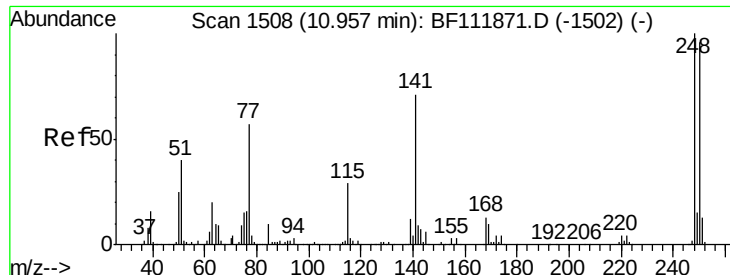
Tot Ion:198 Resp: 134010
 Ion Ratio Lower Upper
 198 100
 51 44.7 27.2 67.2
 105 40.4 21.0 61.0



#66
 n-Nitrosodiphenylamine
 Concen: 40.136 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:169 Resp: 754534
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 36.0 29.1 43.7

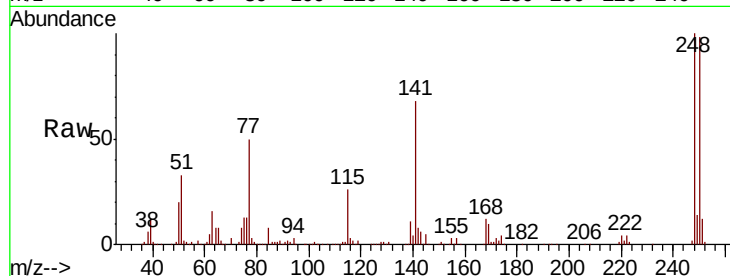




#67
 4-Bromophenyl-phenylether
 Concen: 38.575 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.8	115.2
141	67.7	57.0	85.6

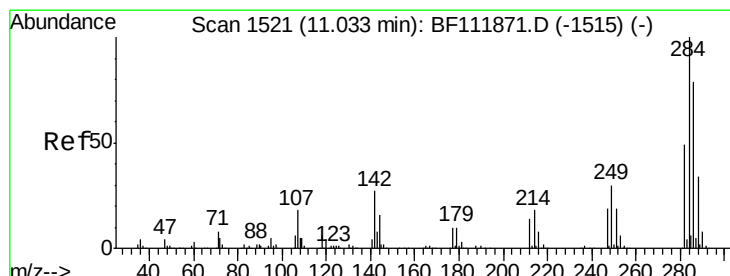
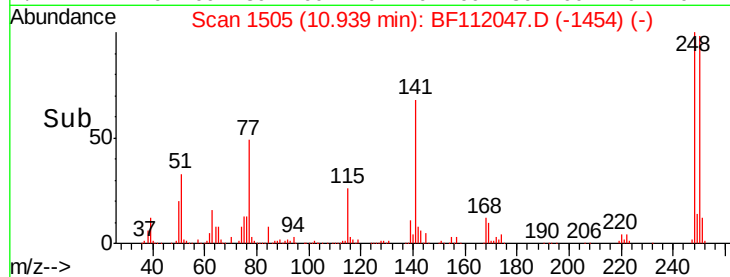
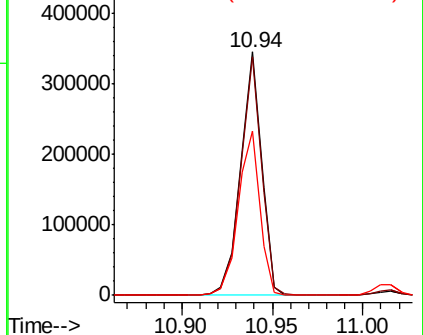


Abundance

Ion 248.00 (247.70 to 248.70): E

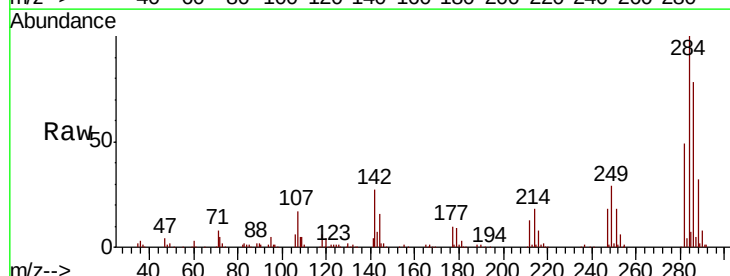
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.184 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.8	32.6
249	28.6	23.8	35.6

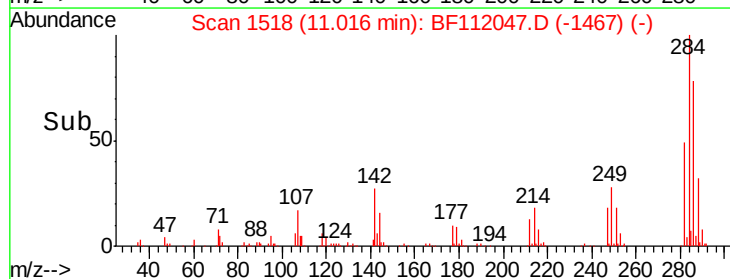
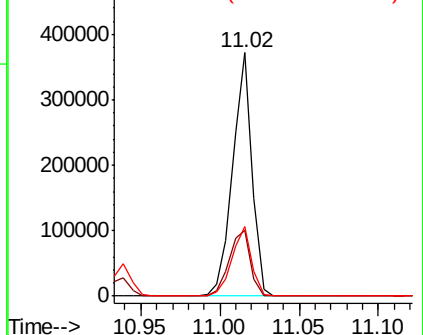


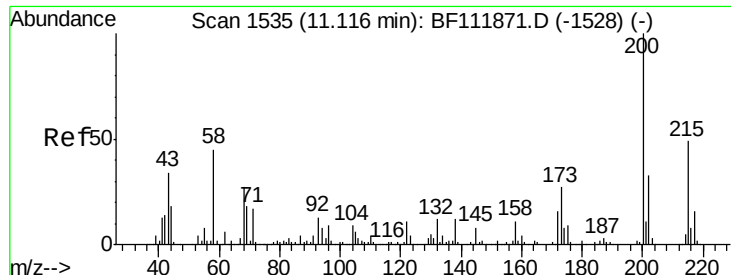
Abundance

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: 36.948 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

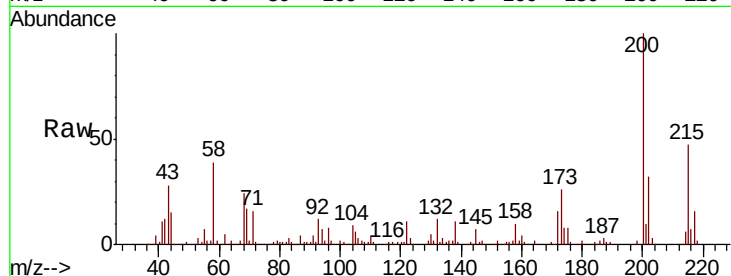
Tot Ion:200 Resp: 244040

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

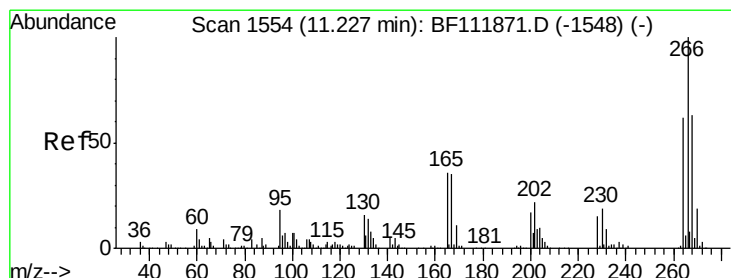
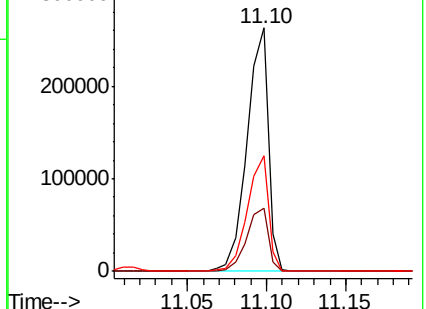
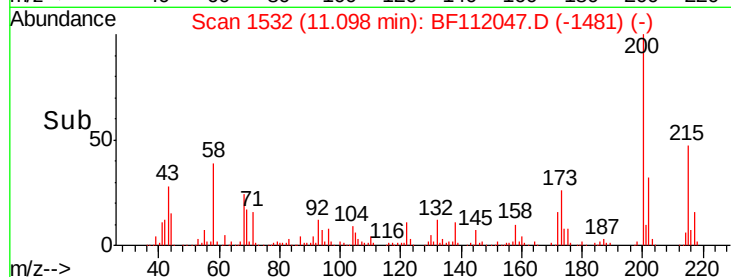
215 47.4 28.9 68.9



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: 39.685 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

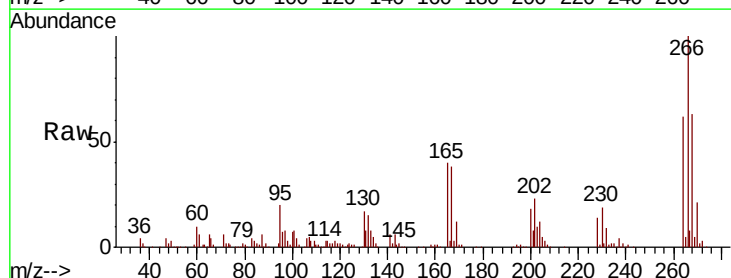
Tgt Ion:266 Resp: 181601

Ion Ratio Lower Upper

266 100

268 62.8 50.6 76.0

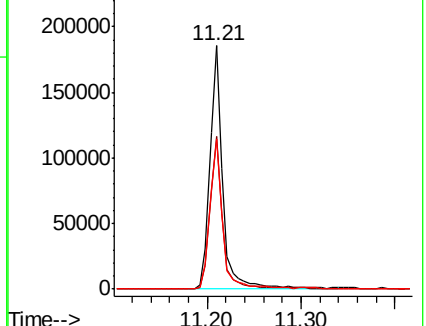
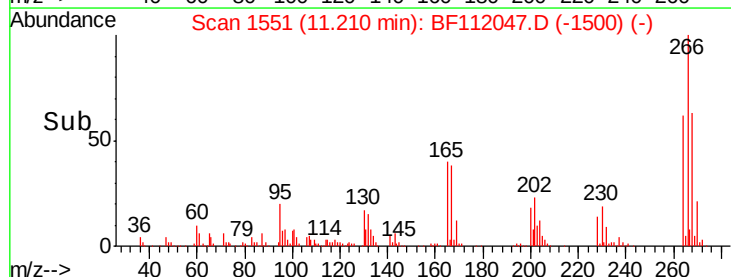
264 61.7 49.3 73.9

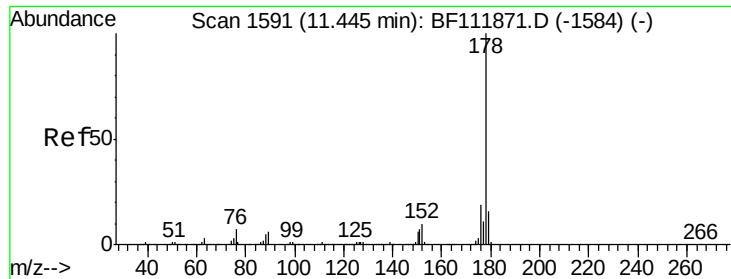


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.972 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

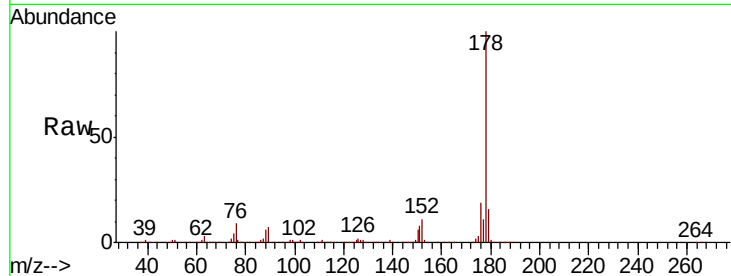
Tot Ion:178 Resp: 1167270

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

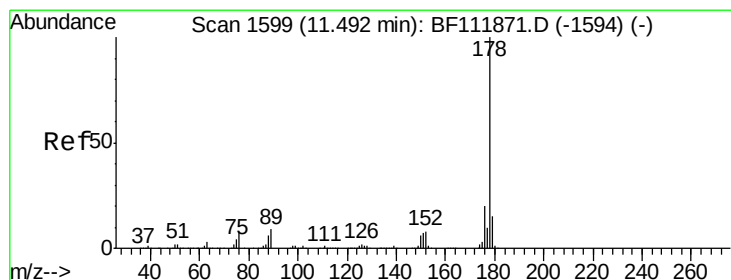
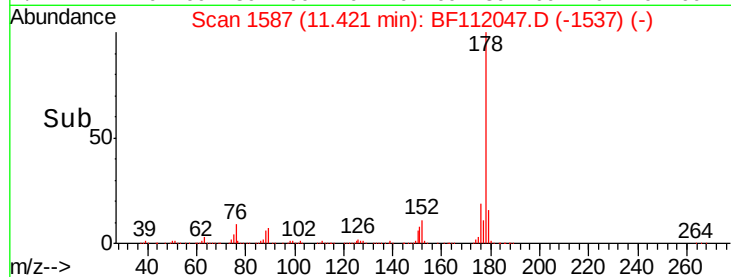
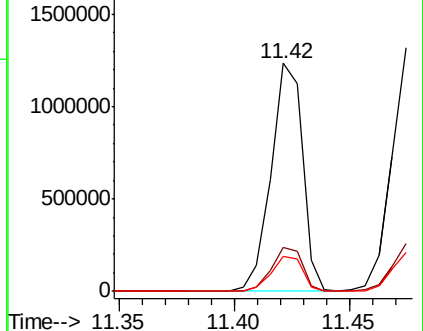
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.548 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

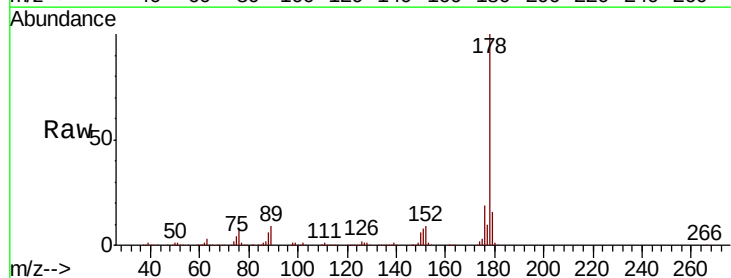
Tgt Ion:178 Resp: 1172045

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

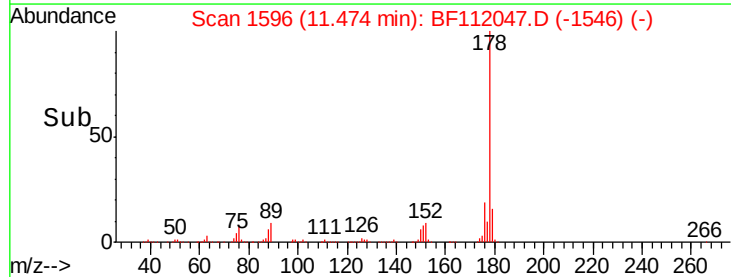
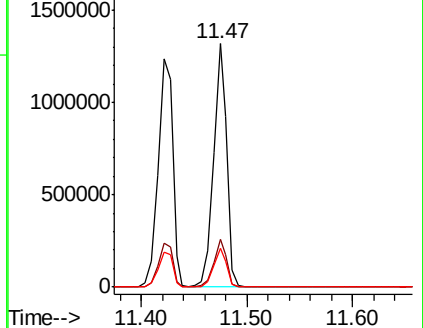
179 15.8 12.4 18.6

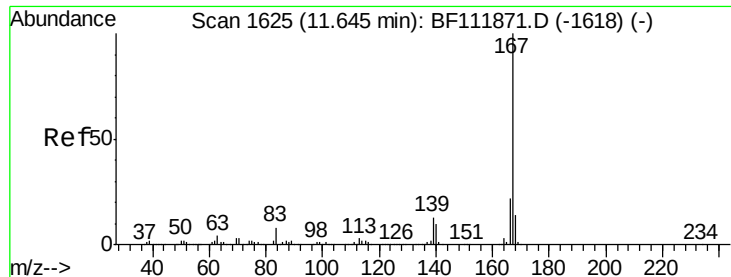


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



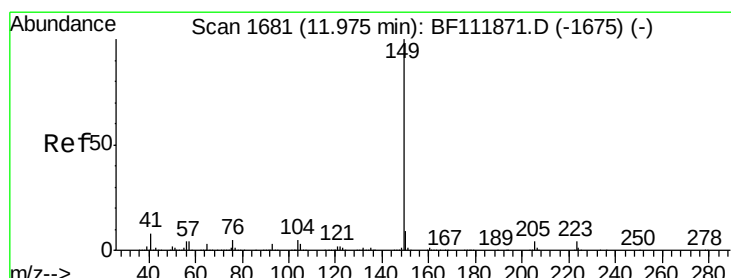
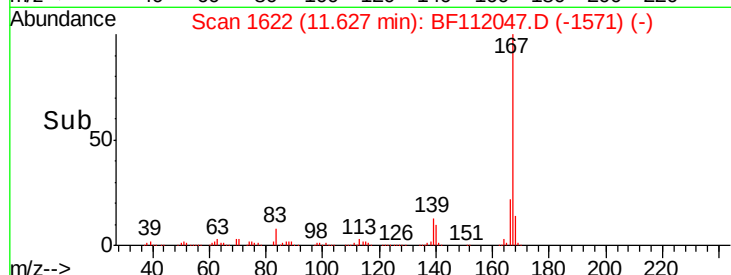
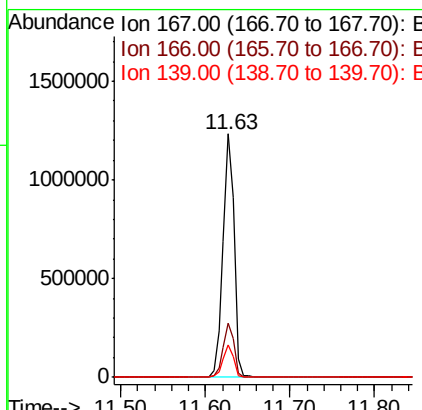
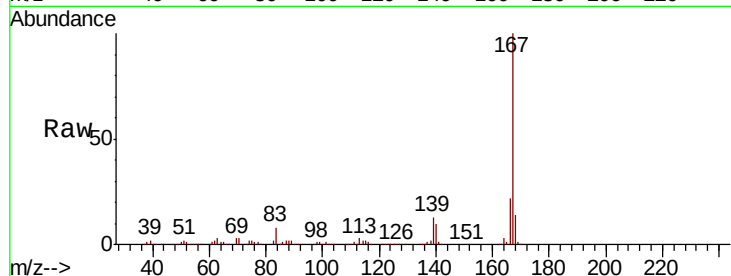


#73
 Carbazole
 Concen: 38.700 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1144557

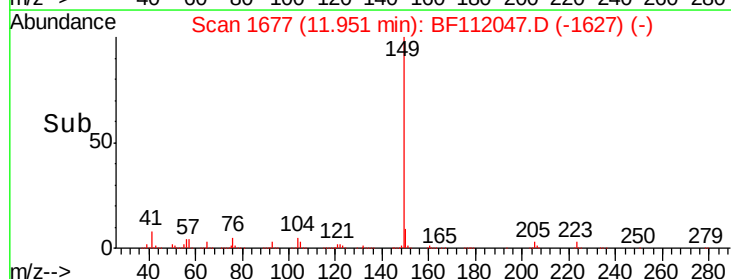
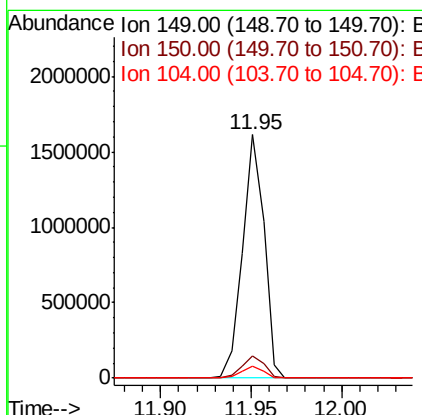
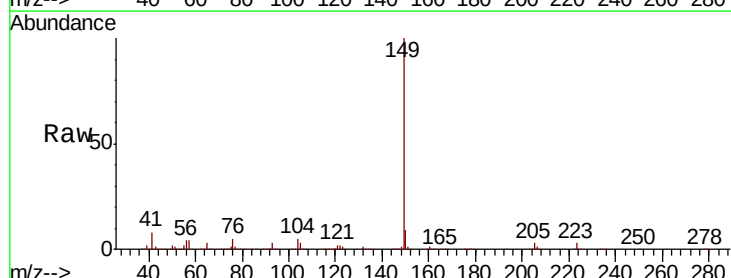
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.1	10.6	16.0

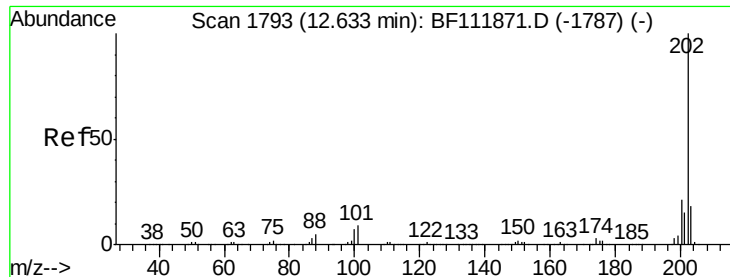


#74
 Di-n-butylphthalate
 Concen: 38.855 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF112047.D
 Acq: 14 Jan 2019 13:40

Tgt Ion:149 Resp: 1334813

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	3.9	5.9

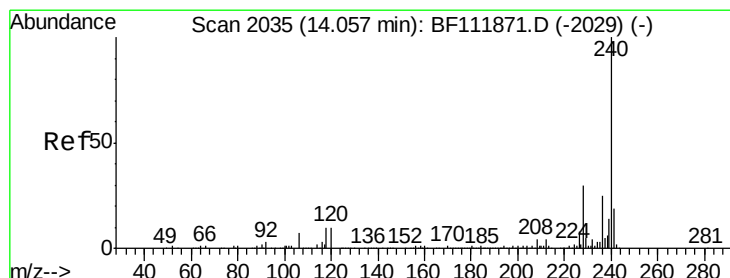
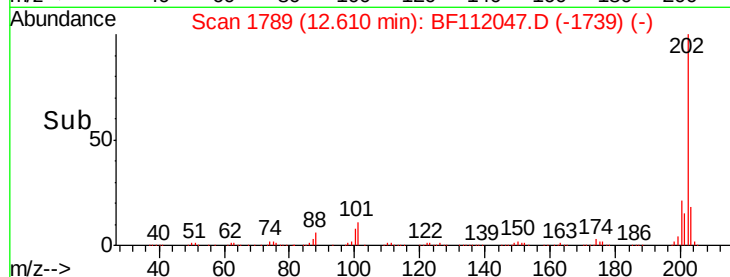
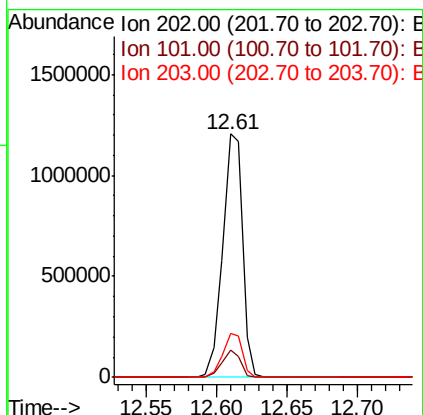
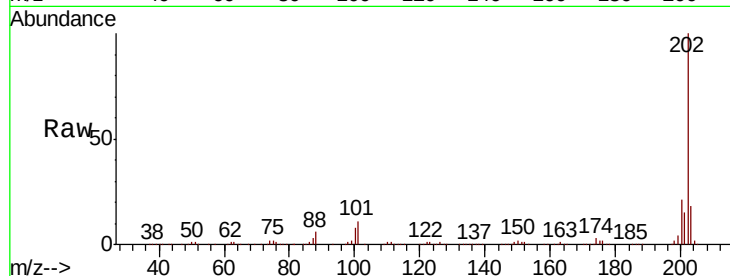




#75
Fluoranthene
Concen: 38.384 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

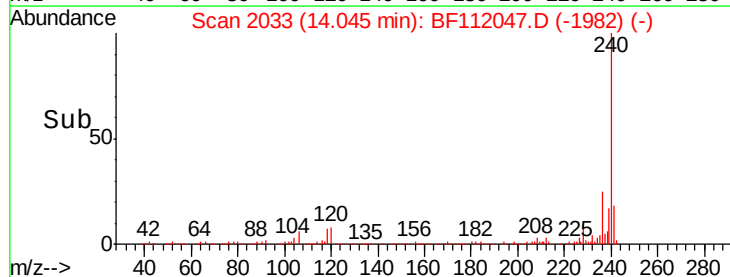
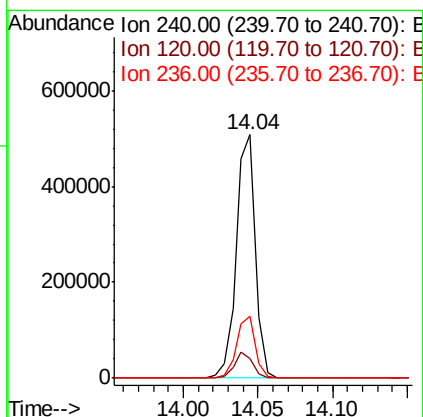
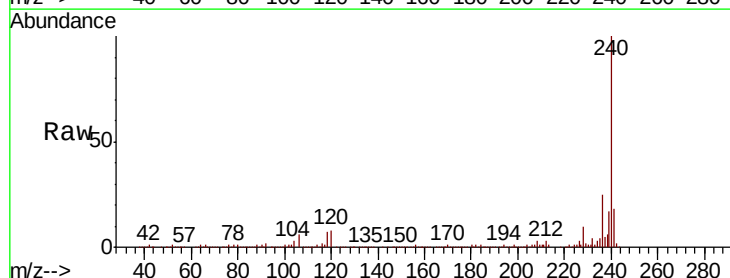
Instrument :
BNA_F
ClientSampleId :

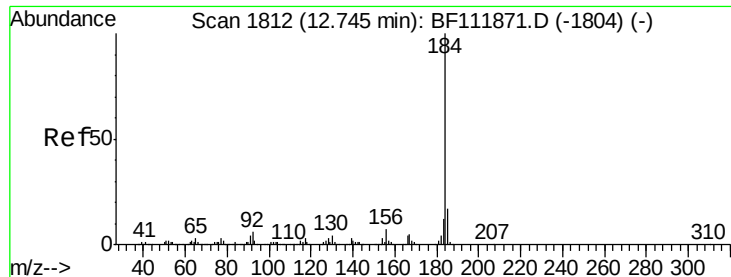
Tot Ion:202 Resp: 1180222
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:240 Resp: 455559
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 25.2 20.2 30.4





#77

Benzidine

Concen: 35.968 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

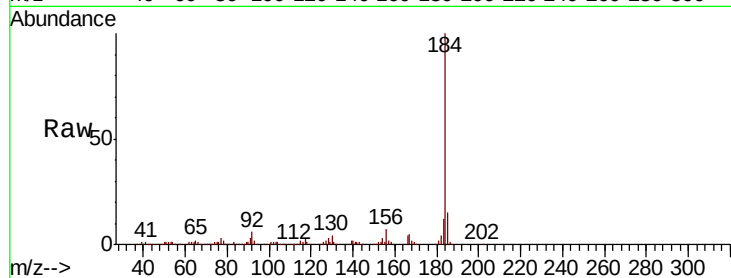
Tot Ion:184 Resp: 489600

Ion Ratio Lower Upper

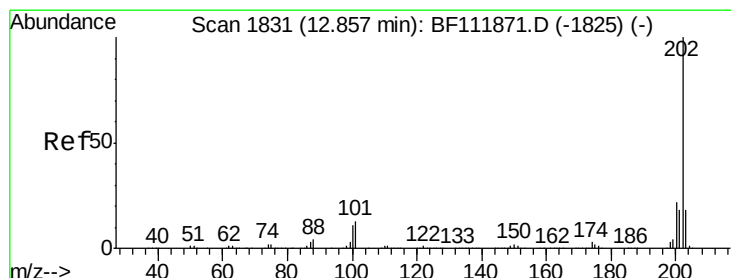
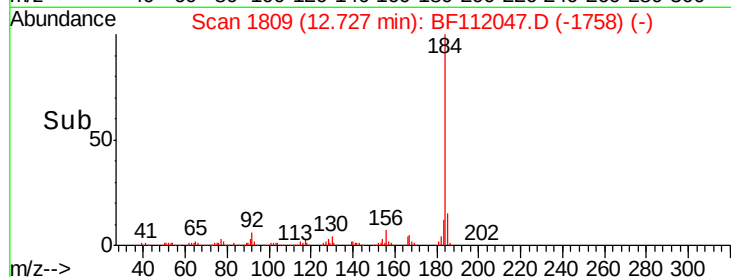
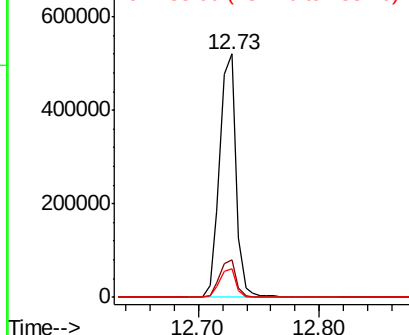
184 100

185 15.4 13.4 20.0

183 11.7 9.6 14.4



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: 38.661 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

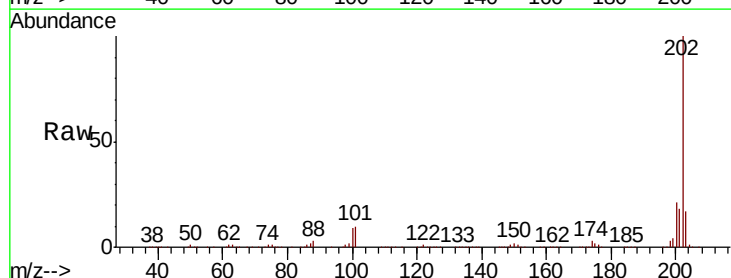
Tgt Ion:202 Resp: 1211851

Ion Ratio Lower Upper

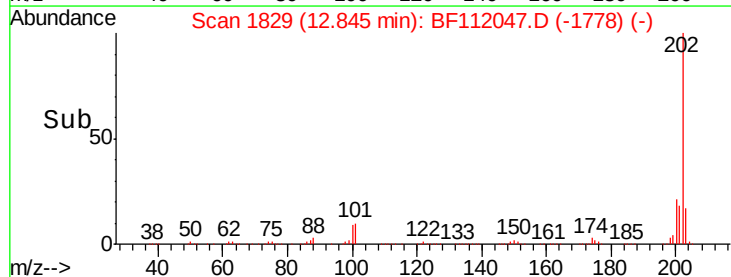
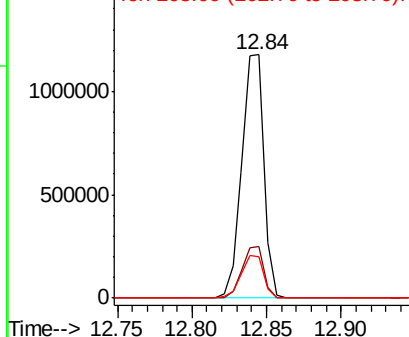
202 100

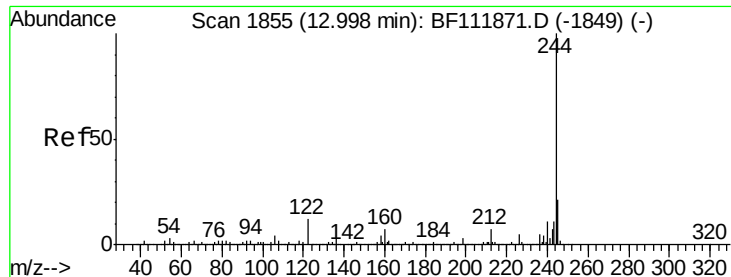
200 21.2 17.4 26.2

203 17.0 14.6 21.8



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: 91.494 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampled :

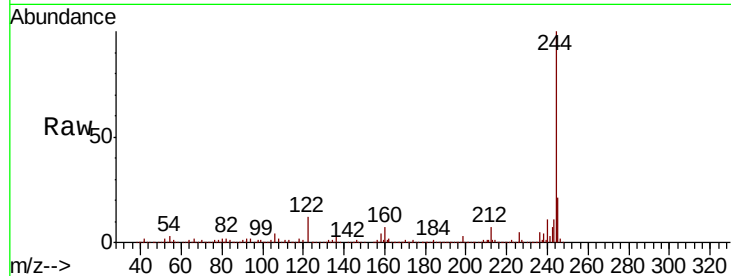
Tot Ion:244 Resp: 2195789

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

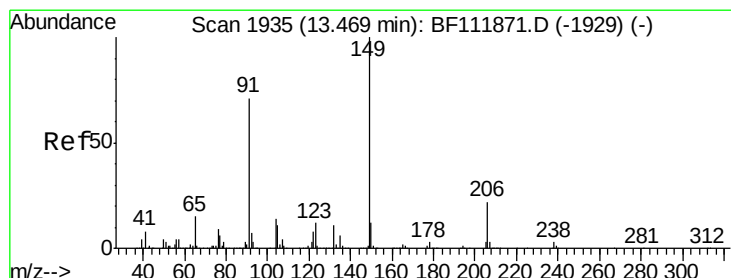
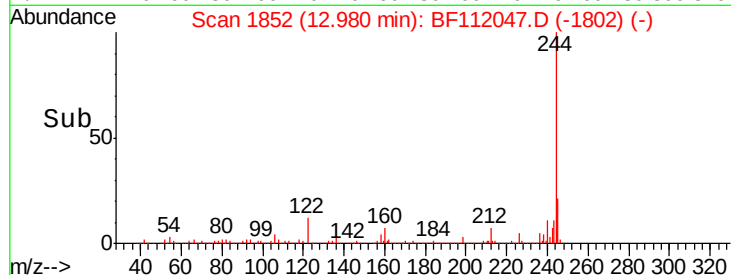
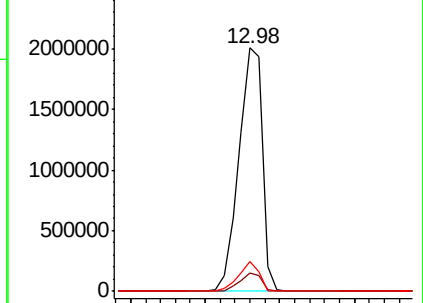
122 12.0 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.433 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

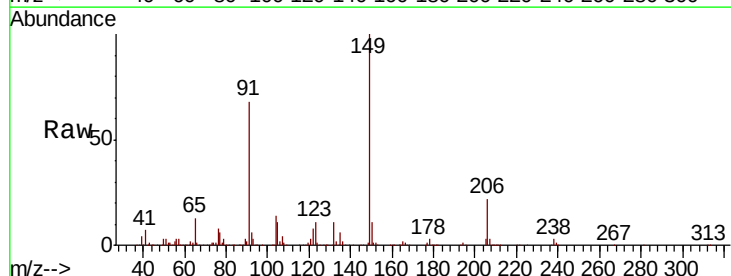
Tgt Ion:149 Resp: 668332

Ion Ratio Lower Upper

149 100

91 68.4 57.2 85.8

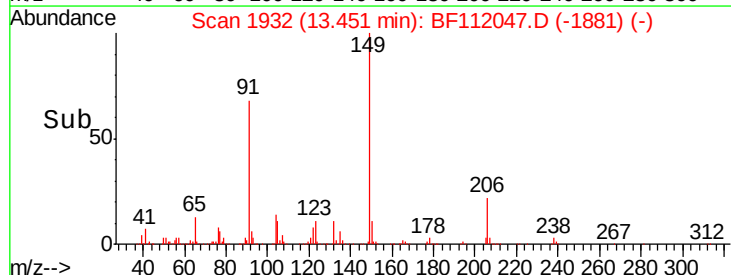
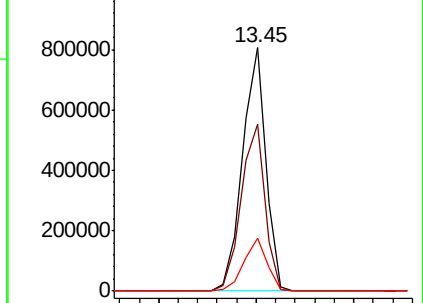
206 21.8 17.3 25.9

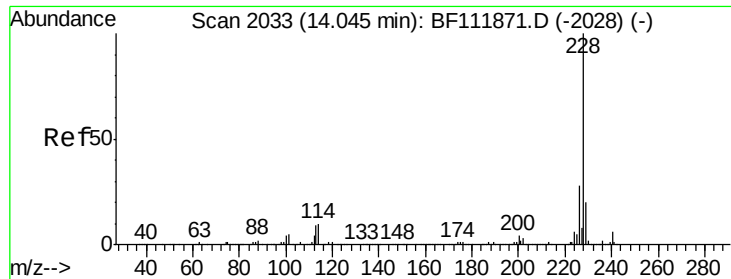


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.665 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

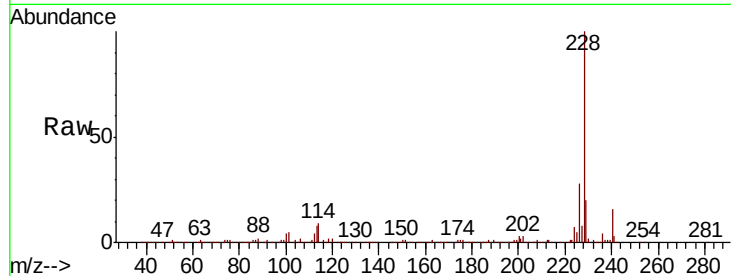
Tot Ion:228 Resp: 1066153

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 19.7 16.2 24.2

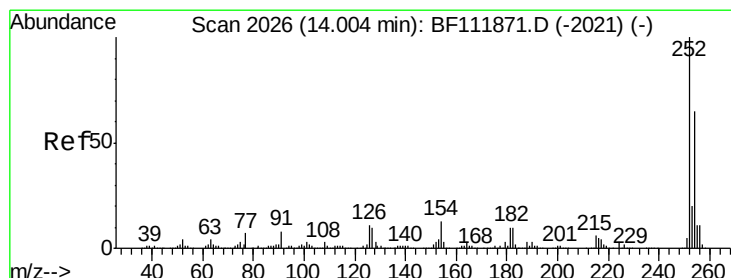
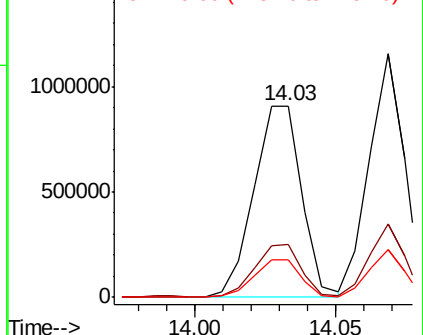
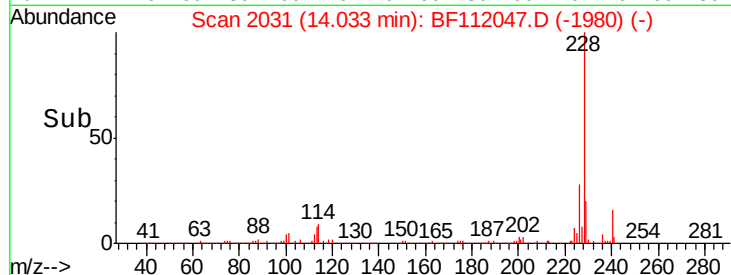


Abundance

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: 41.885 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

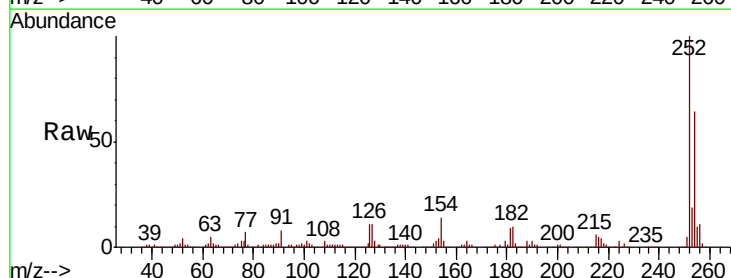
Tgt Ion:252 Resp: 405417

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

126 11.0 8.6 12.8

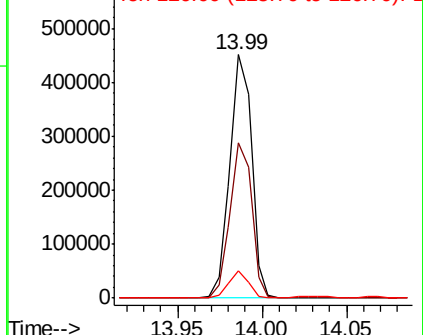
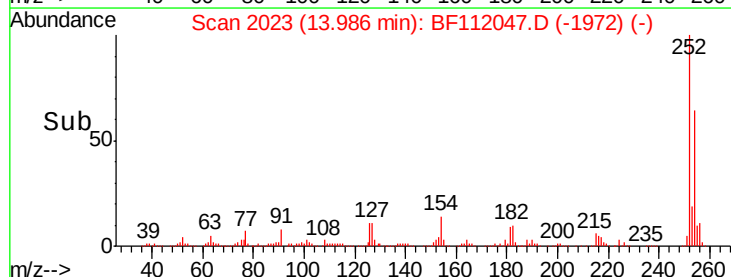


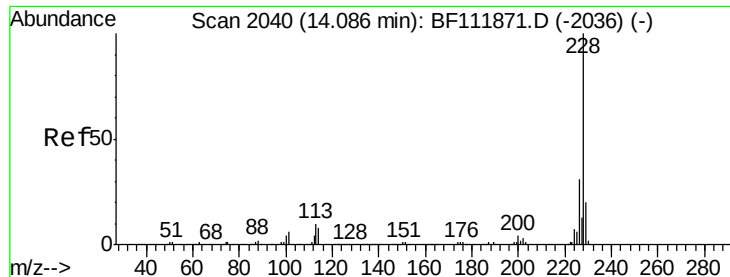
Abundance

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: 39.654 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

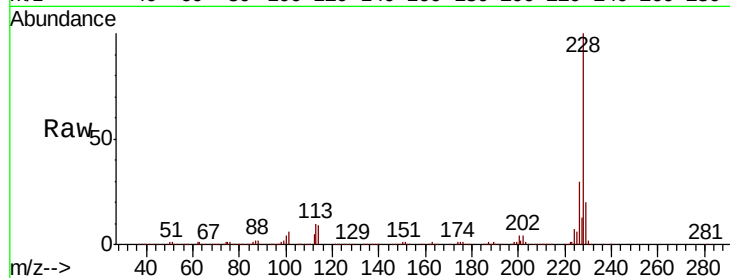
Tot Ion:228 Resp: 991282

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

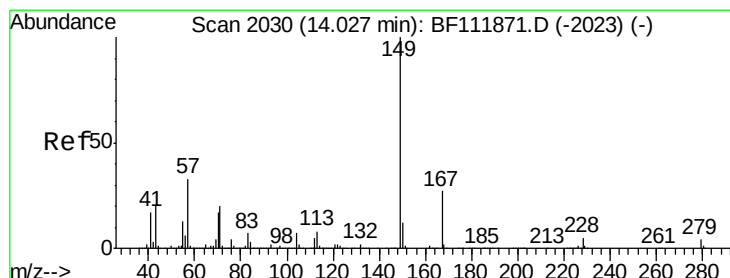
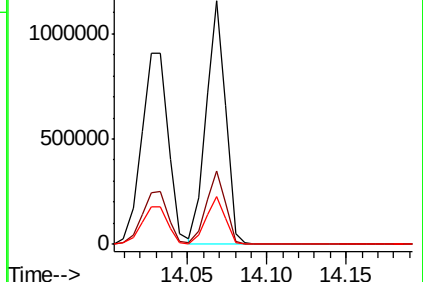
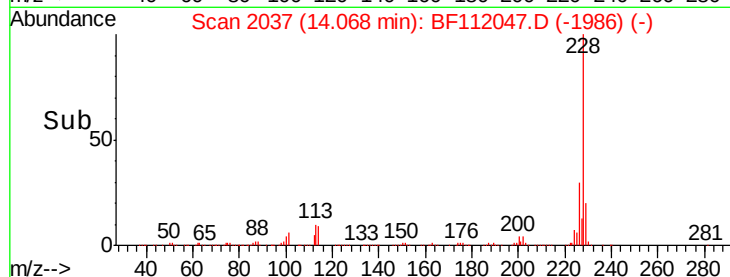
229 19.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.651 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

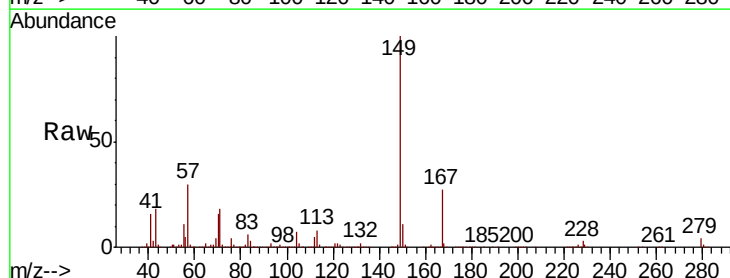
Tgt Ion:149 Resp: 777086

Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

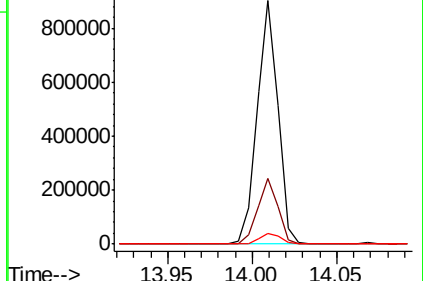
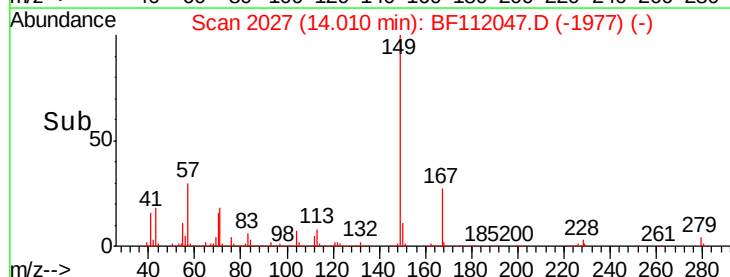
279 4.2 3.0 4.6

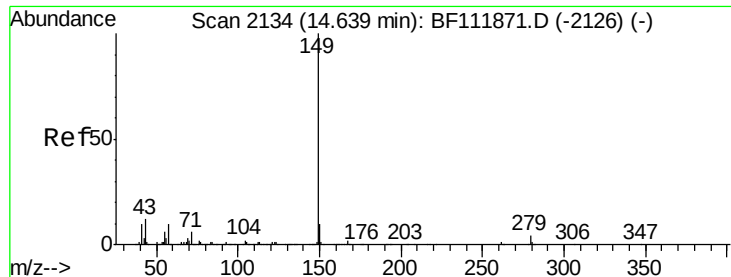


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.672 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

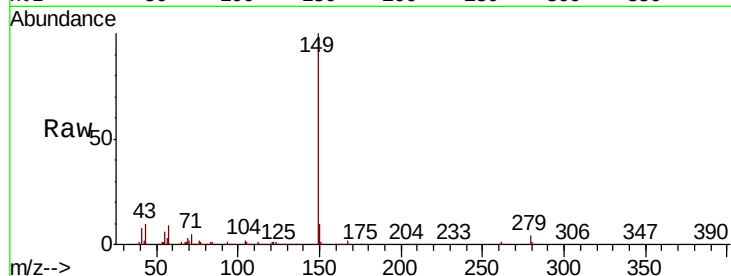
Tot Ion:149 Resp: 1062777

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

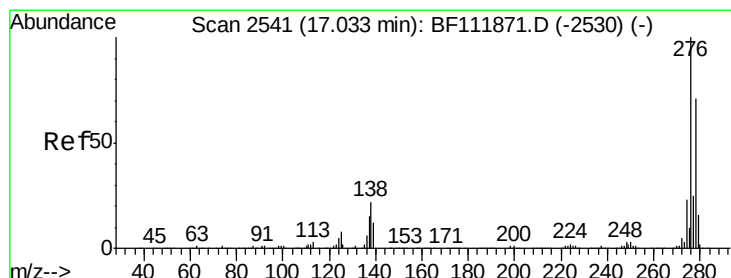
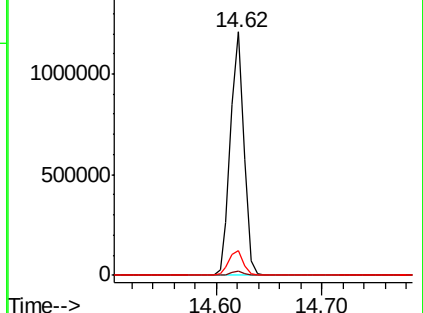
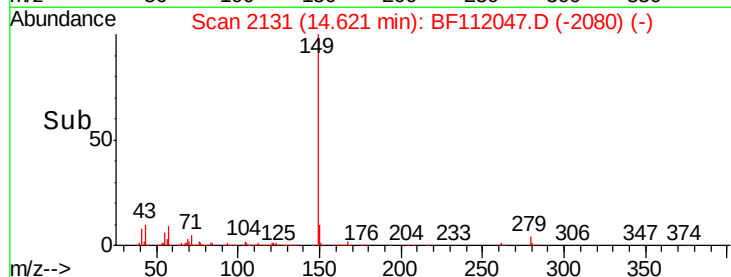
43 10.7 9.1 13.7



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: 39.543 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF112047.D

Acq: 14 Jan 2019 13:40

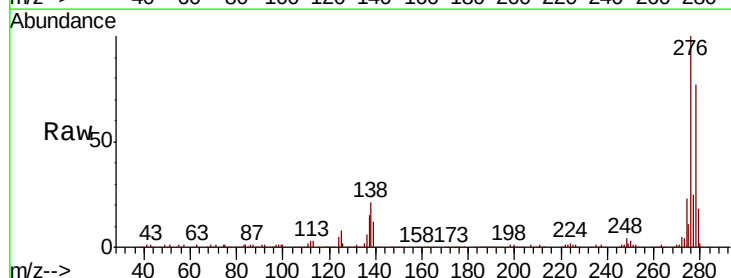
Tgt Ion:276 Resp: 720668

Ion Ratio Lower Upper

276 100

138 22.0 18.1 27.1

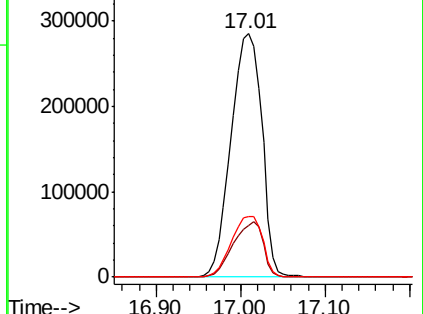
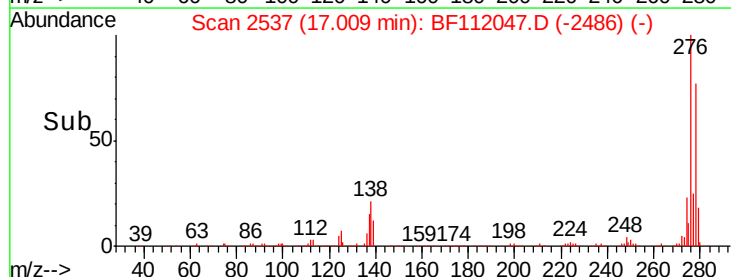
277 25.3 19.9 29.9

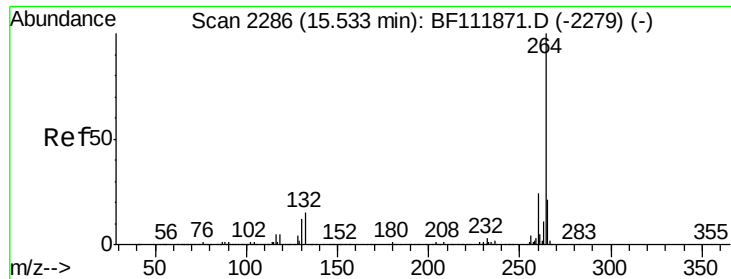


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

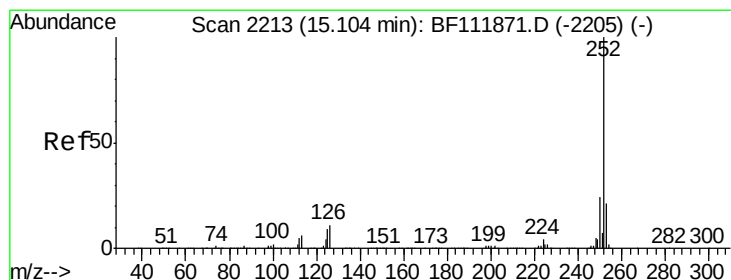
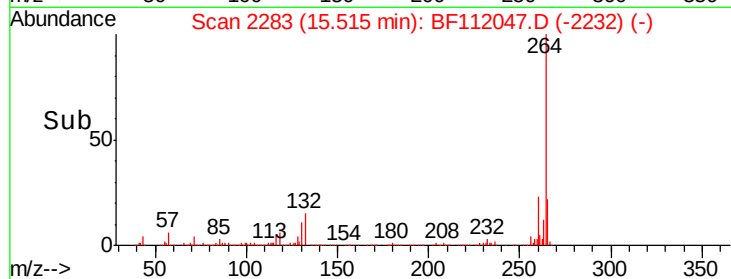
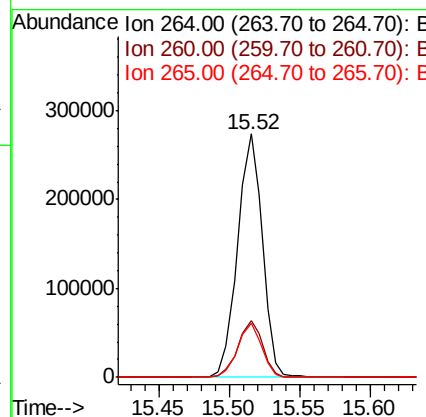
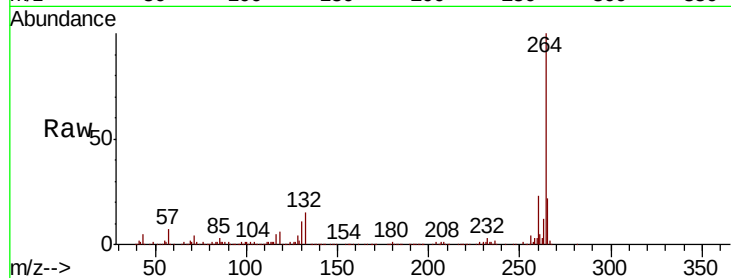




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

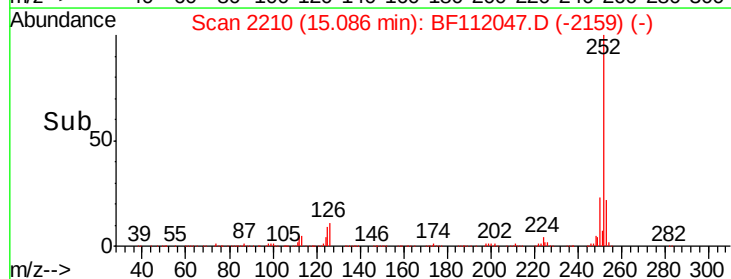
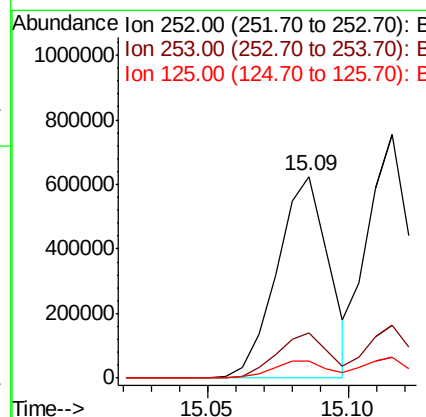
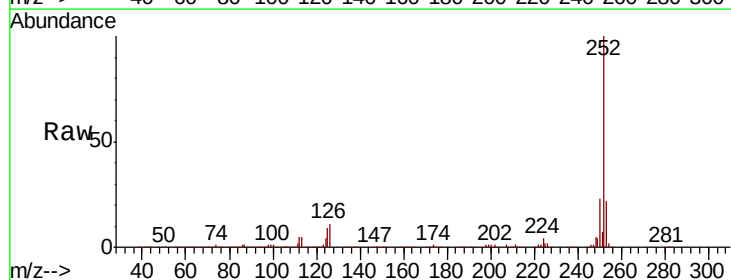
Instrument :
BNA_F
ClientSampleId :

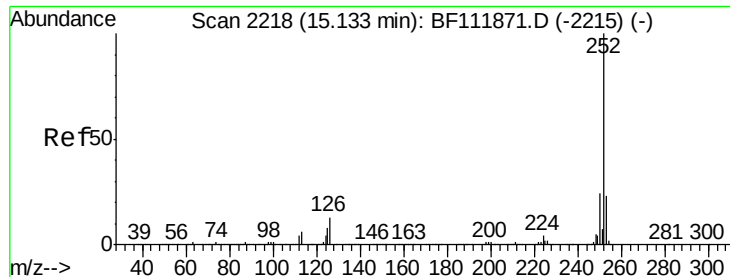
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 39.577 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.7	7.1	10.7

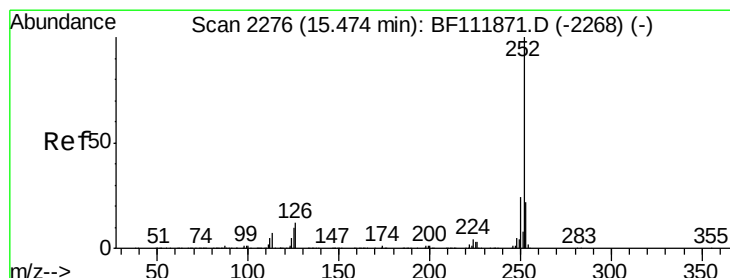
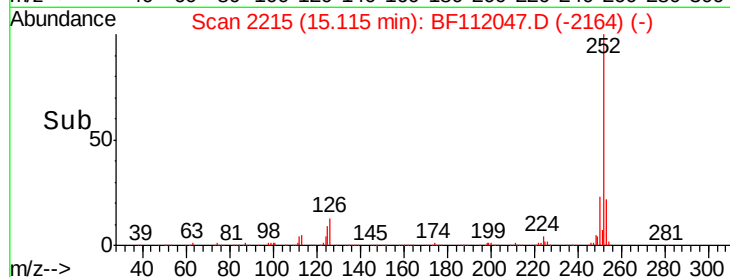
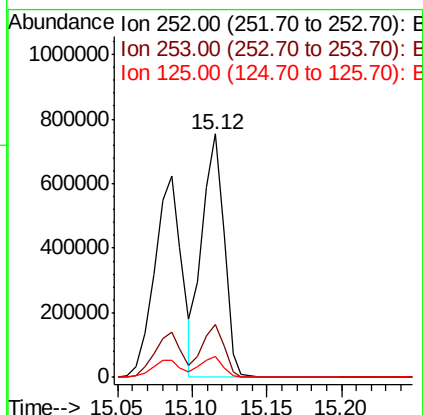
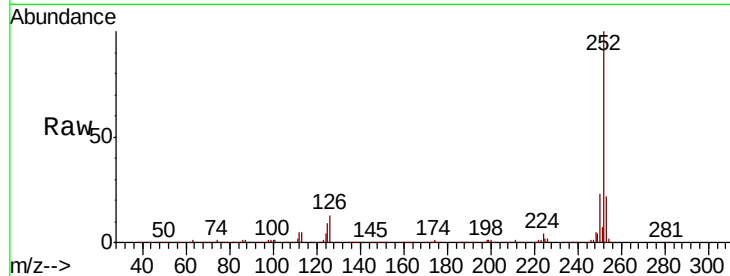




#89
Benzo(k)fluoranthene
Concen: 40.736 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

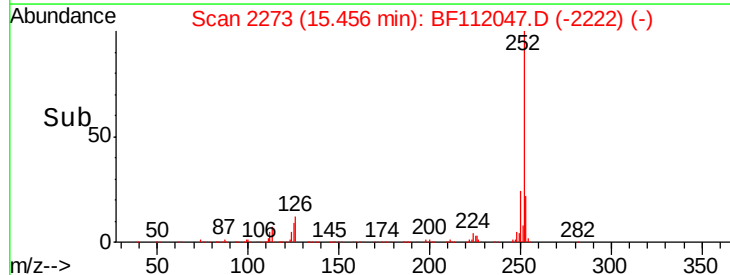
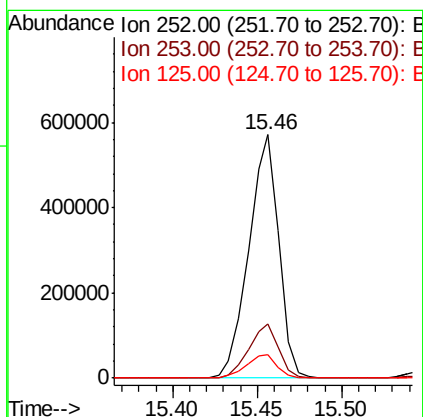
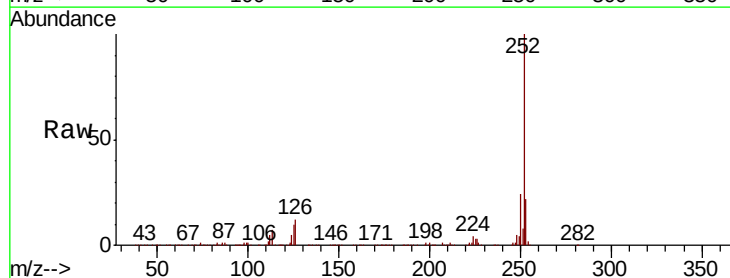
Instrument :
BNA_F
ClientSampleId :

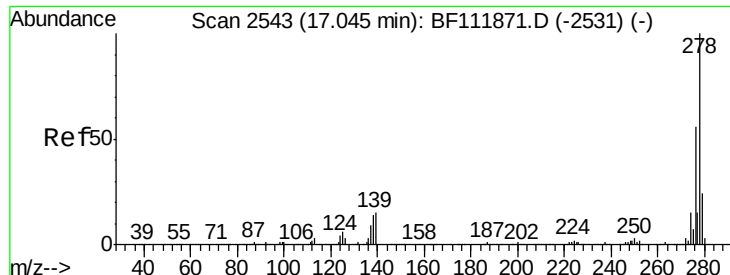
Tot Ion:252 Resp: 766695
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.7 7.0 10.4



#90
Benzo(a)pyrene
Concen: 40.155 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:252 Resp: 706943
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.6 7.9 11.9

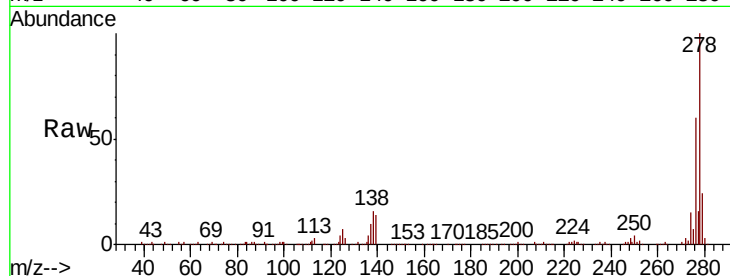




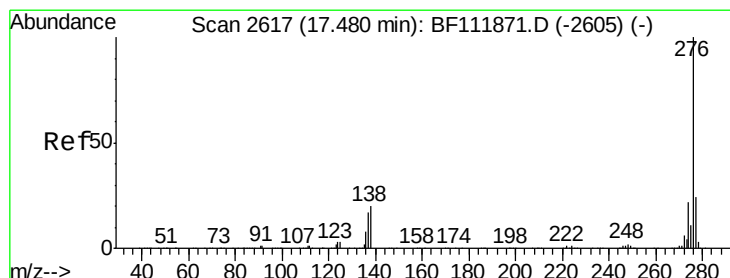
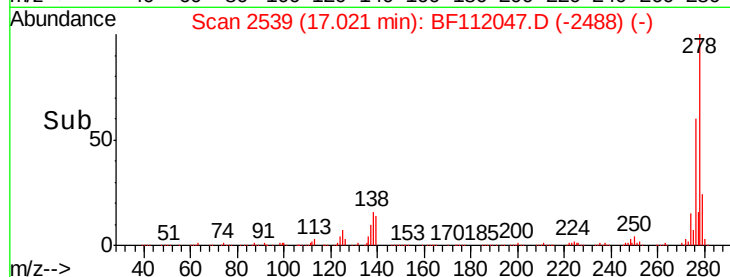
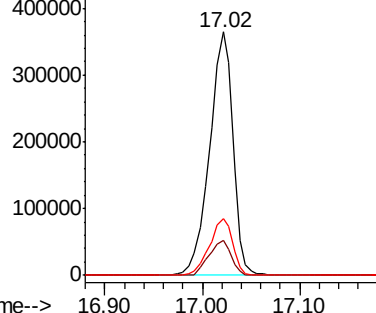
#91
Dibenzo(a,h)anthracene
Concen: 42.941 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 608044
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.6
279 23.5 19.4 29.2

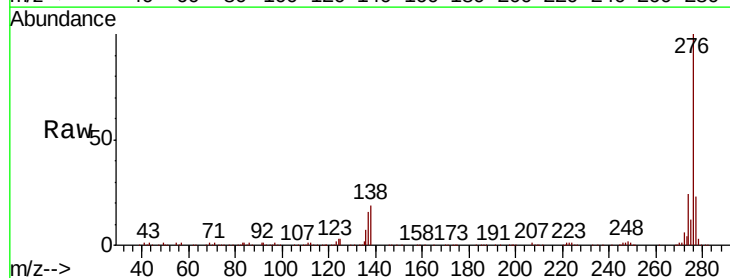


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.592 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BF112047.D
Acq: 14 Jan 2019 13:40

Tgt Ion:276 Resp: 589884
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 19.1 16.2 24.2



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

