

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112036.D
 Acq On : 12 Jan 2019 1:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 02:42:33 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	98188	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	321058	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	144210	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	274554	20.00	ng	0.00
76) Chrysene-d12	14.04	240	214959	20.00	ng	0.00
87) Perylene-d12	15.52	264	154370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	467738	81.50	ng	0.00
7) Phenol-d6	6.52	99	560980	75.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	506116	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	146599	78.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	903096	91.32	ng	0.00
79) Terphenyl-d14	12.99	244	1034444	91.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	109784	43.747	ng	94
3) Pyridine	3.38	79	326002	50.120	ng	99
4) n-Nitrosodimethylamine	3.32	42	159162	49.182	ng	100
6) Aniline	6.54	93	331611	37.075	ng	# 79
8) 2-Chlorophenol	6.67	128	252283	39.587	ng	93
9) Benzaldehyde	6.42	77	161772	38.944	ng	98
10) Phenol	6.53	94	301414	37.490	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	235132	37.804	ng	98
12) 1,3-Dichlorobenzene	6.82	146	293624	39.744	ng	97
13) 1,4-Dichlorobenzene	6.89	146	295244	39.381	ng	98
14) 1,2-Dichlorobenzene	7.05	146	273077	38.105	ng	98
15) Benzyl Alcohol	7.02	79	211287	36.100	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	362572	34.190	ng	96
17) 2-Methylphenol	7.13	107	186820	36.474	ng	98
18) Hexachloroethane	7.39	117	72195	27.581	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	169882	35.346	ng	97
20) 3+4-Methylphenols	7.29	107	241384	37.867	ng	98
22) Acetophenone	7.28	105	341272	41.986	ng	# 95
24) Nitrobenzene	7.46	77	253151	41.658	ng	100
25) Isophorone	7.69	82	380225	39.087	ng	100
26) 2-Nitrophenol	7.77	139	110084	36.791	ng	95
27) 2,4-Dimethylphenol	7.82	122	178203	41.191	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	268035	41.280	ng	99
29) 2,4-Dichlorophenol	8.02	162	194466	39.091	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	223605	40.744	ng	97
31) Naphthalene	8.18	128	619792	40.667	ng	100
32) Benzoic acid	7.92	122	52552	18.719	ng	90
33) 4-Chloroaniline	8.23	127	263691	40.024	ng	99
34) Hexachlorobutadiene	8.30	225	143072	41.877	ng	99
35) Caprolactam	8.59	113	61619	37.911	ng	92
36) 4-Chloro-3-methylphenol	8.72	107	185050	37.412	ng	96
37) 2-Methylnaphthalene	8.87	142	387900	41.074	ng	99
38) 1-Methylnaphthalene	8.97	142	377321	41.656	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	209672	45.606	ng	99

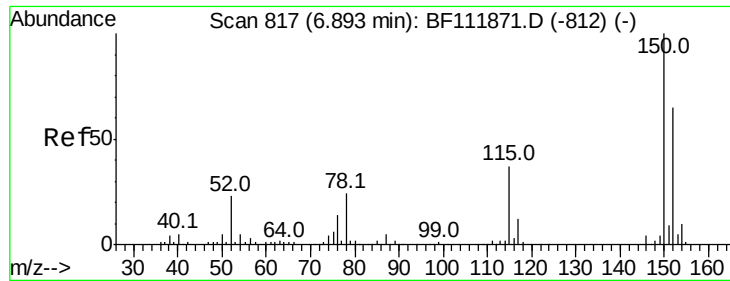
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112036.D
 Acq On : 12 Jan 2019 1:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Jan 12 02:42:33 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)
43) 2,4,6-Trichlorophenol	9.15	196	127677	40.944	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	133031	40.718	ng	98
46) 1,1'-Biphenyl	9.33	154	529097	43.861	ng	98
47) 2-Chloronaphthalene	9.36	162	405534	42.835	ng	99
48) 2-Nitroaniline	9.45	65	127238	43.958	ng	98
49) Acenaphthylene	9.77	152	592415	42.325	ng	98
50) Dimethylphthalate	9.63	163	471611	43.534	ng	100
51) 2,6-Dinitrotoluene	9.69	165	95303	39.340	ng	97
52) Acenaphthene	9.95	154	348415	38.612	ng	99
53) 3-Nitroaniline	9.86	138	116292	44.826	ng	99
54) 2,4-Dinitrophenol	9.97	184	2713	2.645	ng	# 76
55) Dibenzofuran	10.12	168	544181	41.468	ng	99
56) 4-Nitrophenol	10.04	139	66986	36.543	ng	95
57) 2,4-Dinitrotoluene	10.10	165	115415	36.871	ng	99
58) Fluorene	10.46	166	394375	41.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	102804	37.346	ng	97
60) Diethylphthalate	10.33	149	454440	43.347	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	222774	41.604	ng	99
62) 4-Nitroaniline	10.47	138	118622	48.207	ng	97
63) Azobenzene	10.61	77	411565	41.095	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	5816	3.433	ng	87
66) n-Nitrosodiphenylamine	10.57	169	379392	41.178	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	139592	39.254	ng	97
68) Hexachlorobenzene	11.02	284	152449	38.682	ng	95
69) Atrazine	11.09	200	121158	37.428	ng	95
70) Pentachlorophenol	11.21	266	79051	35.249	ng	99
71) Phenanthrene	11.43	178	601240	40.959	ng	100
72) Anthracene	11.47	178	612002	41.071	ng	99
73) Carbazole	11.63	167	599759	41.378	ng	98
74) Di-n-butylphthalate	11.96	149	707469	42.020	ng	99
75) Fluoranthene	12.62	202	643518	42.704	ng	98
77) Benzidine	12.73	184	330870	51.513	ng	97
78) Pyrene	12.85	202	656664	44.398	ng	99
80) Butylbenzylphthalate	13.45	149	303573	48.549	ng	96
81) Benzo(a)anthracene	14.03	228	497349	40.202	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	220367	48.250	ng	98
83) Chrysene	14.07	228	474684	40.242	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	416622	50.734	ng	# 99
85) Di-n-octyl phthalate	14.62	149	589133	50.131	ng	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	345474	40.174	ng	98
88) Benzo(b)fluoranthene	15.09	252	375608	40.675	ng	98
89) Benzo(k)fluoranthene	15.12	252	345992	39.860	ng	99
90) Benzo(a)pyrene	15.46	252	326869	40.258	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	292501	44.790	ng	98
92) Benzo(g,h,i)perylene	17.46	276	277042	43.374	ng	100

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

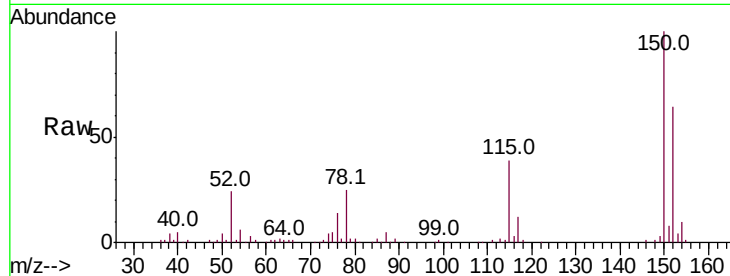


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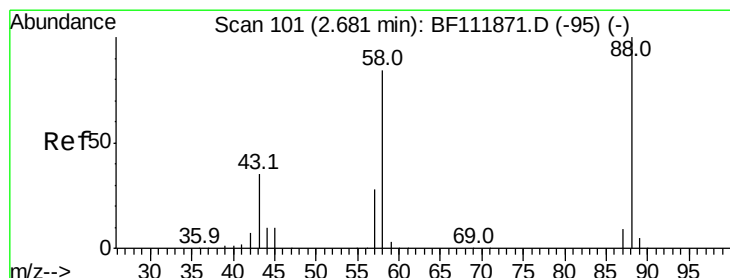
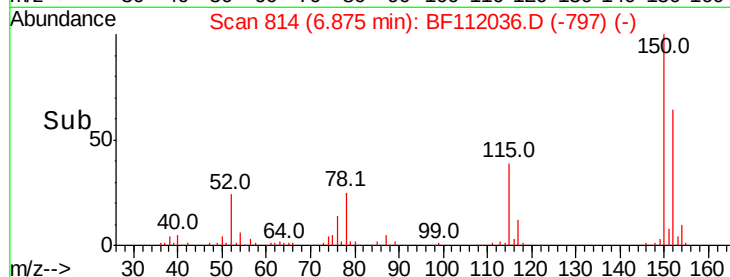
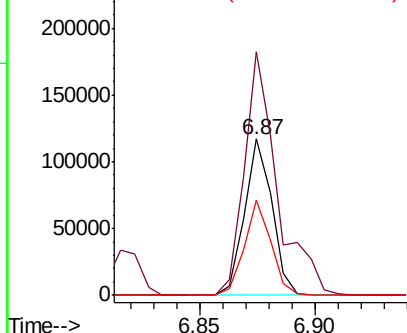
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98188
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 61.0 45.2 67.8



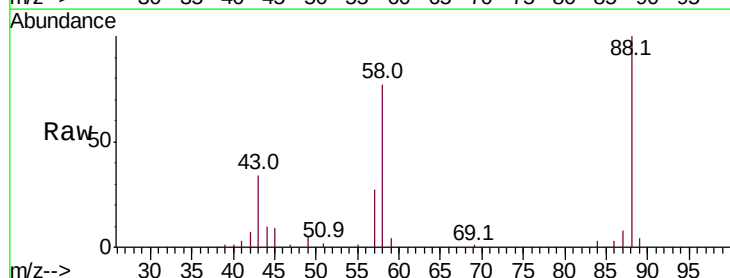
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



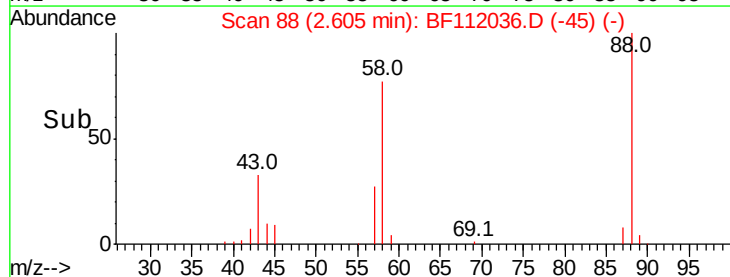
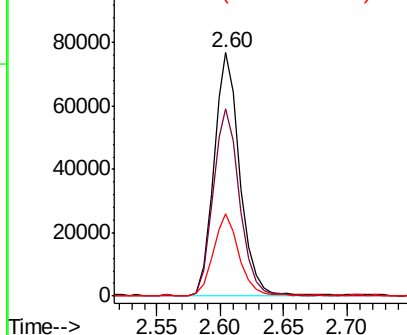
#2

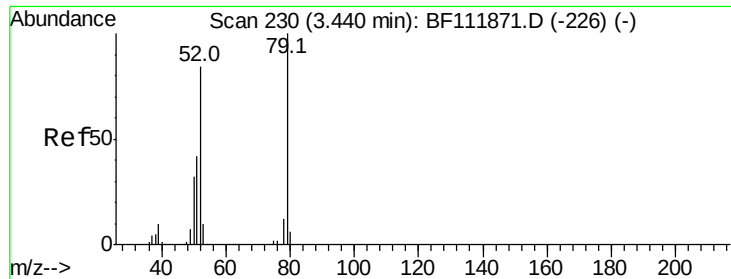
1,4-Dioxane
Concen: 43.747 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.05 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion: 88 Resp: 109784
Ion Ratio Lower Upper
88 100
58 78.1 67.6 101.4
43 33.6 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: 50.120 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.04 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

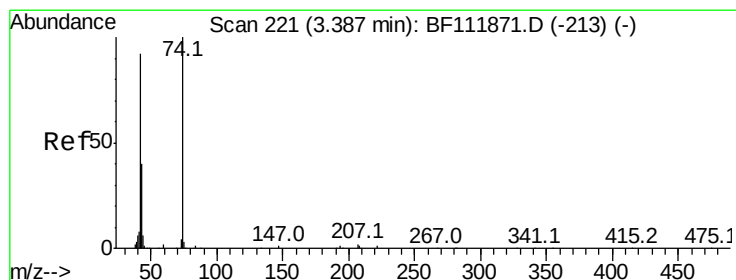
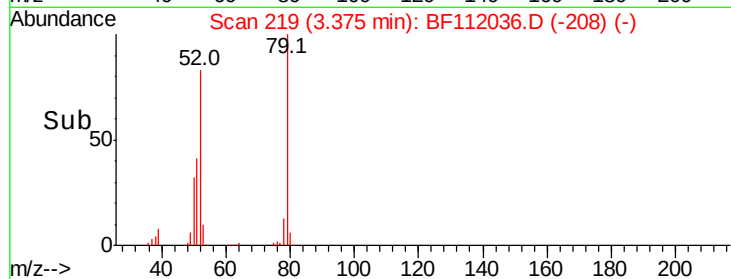
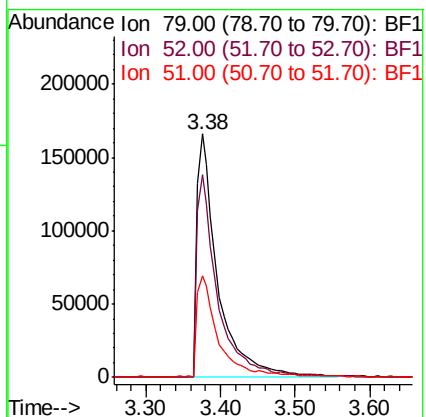
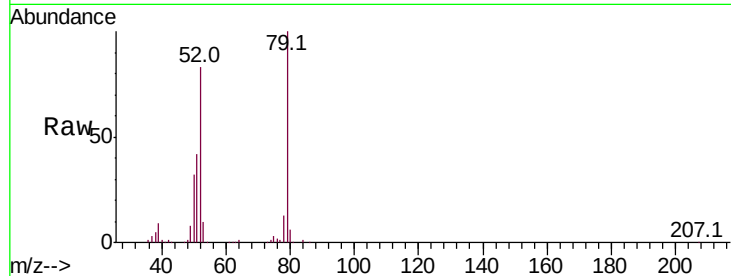
Tot Ion: 79 Resp: 326002

Ion Ratio Lower Upper

79 100

52 83.0 67.0 100.6

51 41.6 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 49.182 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.05 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

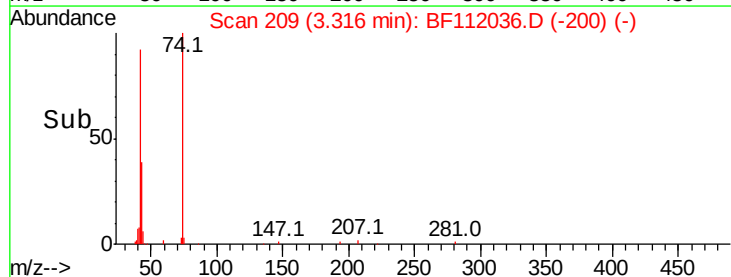
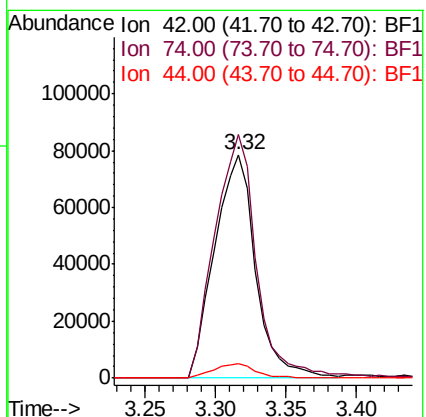
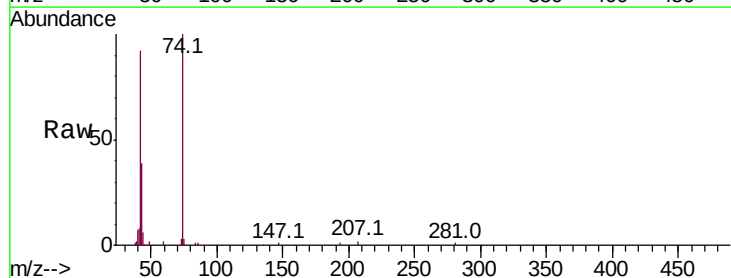
Tgt Ion: 42 Resp: 159162

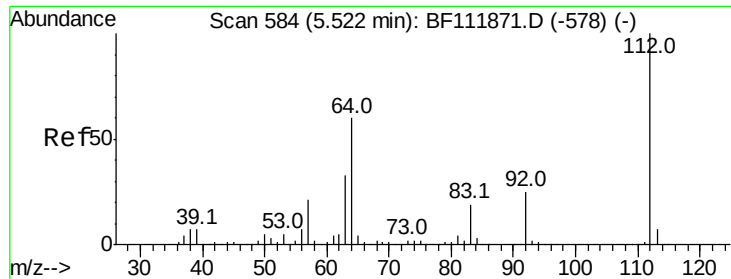
Ion Ratio Lower Upper

42 100

74 109.1 87.0 130.6

44 6.4 5.5 8.3





#5

2-Fluorophenol

Concen: 81.498 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampled :

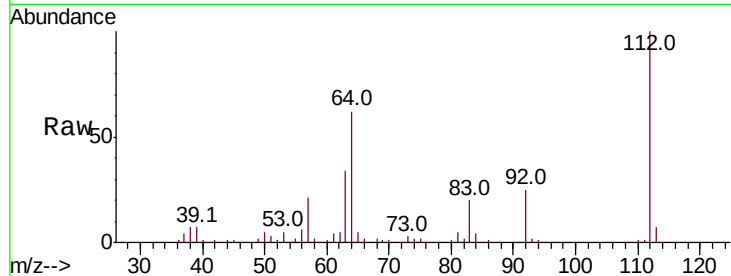
Tot Ion:112 Resp: 467738

Ion Ratio Lower Upper

112 100

64 61.9 48.3 72.5

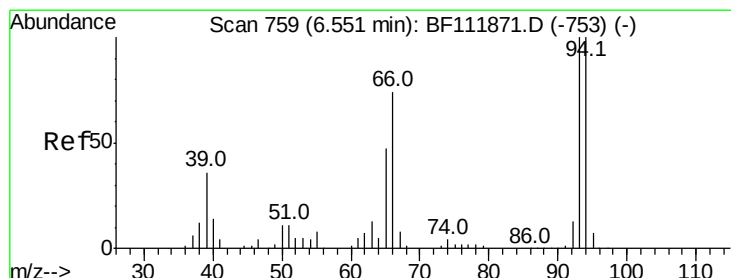
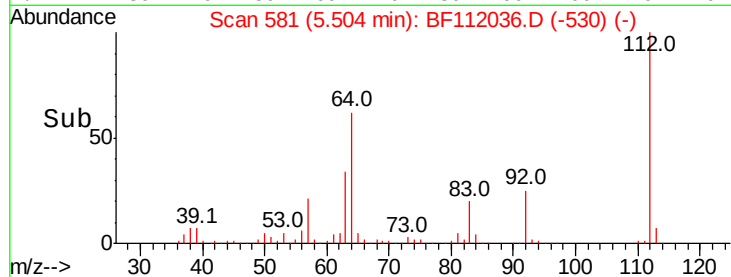
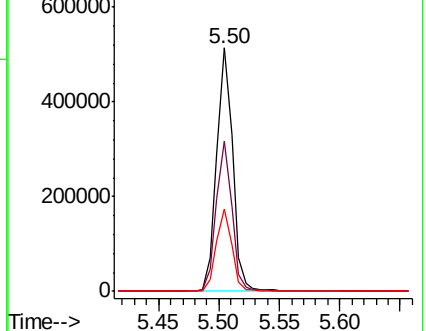
63 33.8 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.075 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

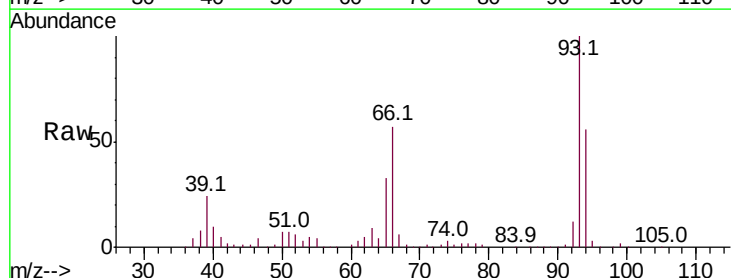
Tgt Ion: 93 Resp: 331611

Ion Ratio Lower Upper

93 100

66 56.7 60.0 90.0#

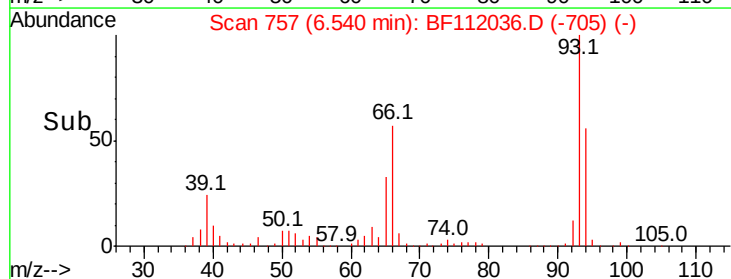
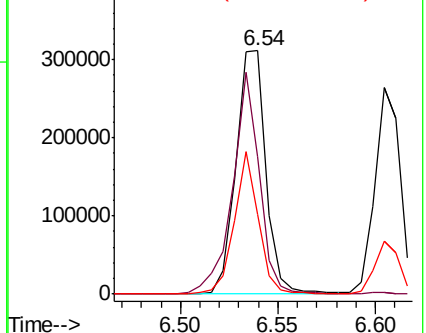
65 32.9 37.5 56.3#

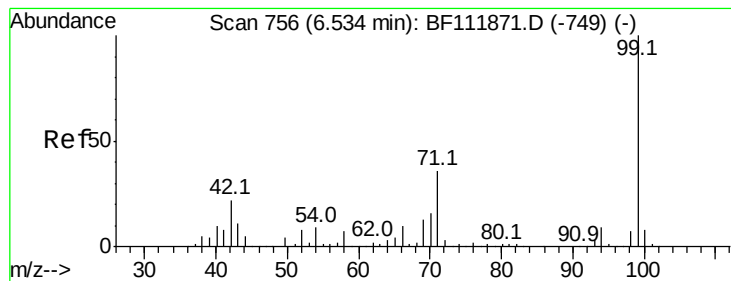


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.837 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

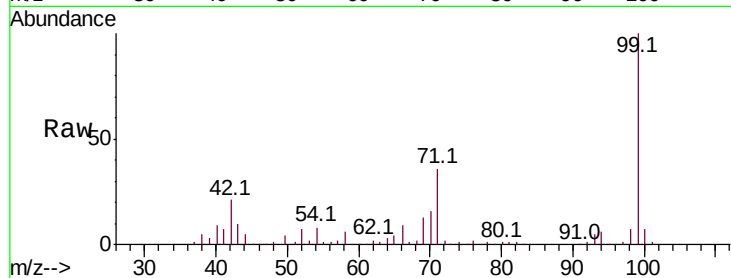
Tot Ion: 99 Resp: 560980

Ion Ratio Lower Upper

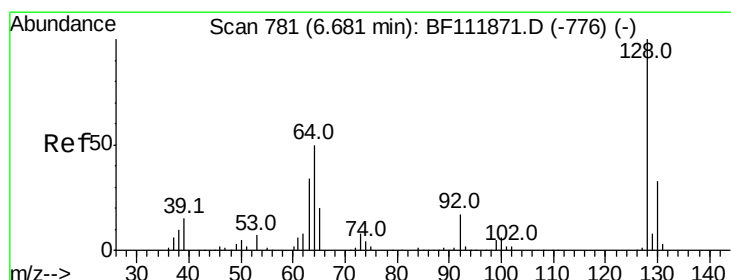
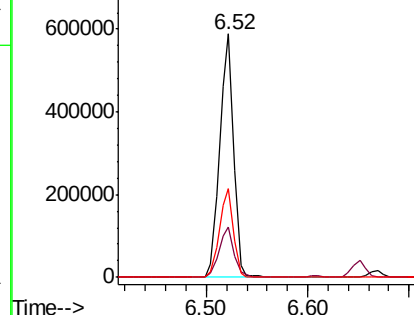
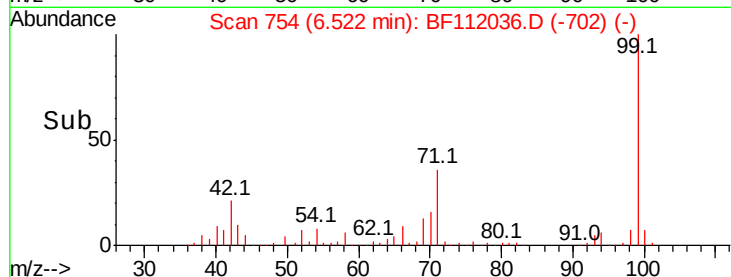
99 100

42 20.7 17.9 26.9

71 36.2 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: 39.587 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

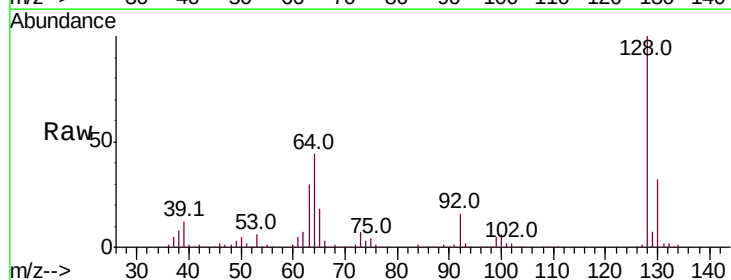
Tgt Ion: 128 Resp: 252283

Ion Ratio Lower Upper

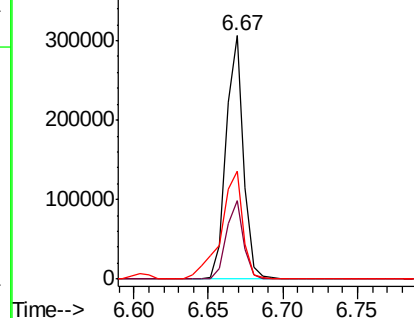
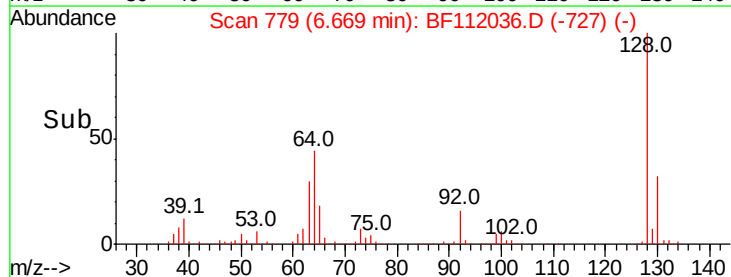
128 100

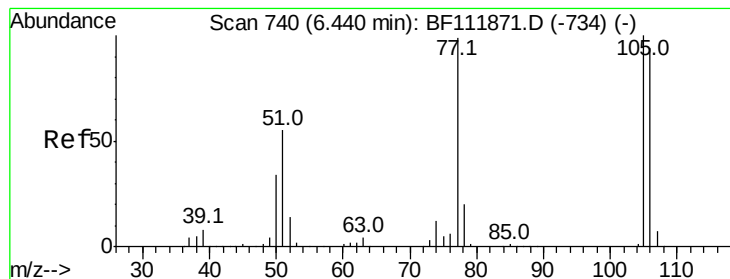
130 32.1 12.7 52.7

64 44.2 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: 38.944 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampled :

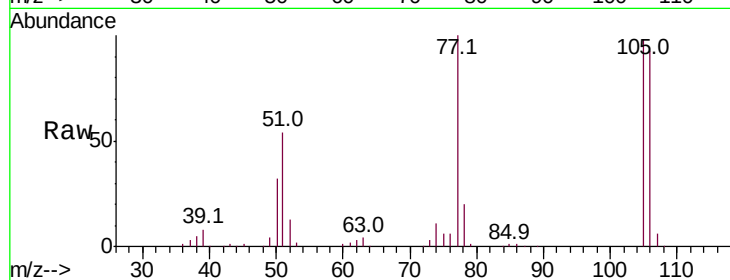
Tot Ion: 77 Resp: 161772

Ion Ratio Lower Upper

77 100

105 97.9 80.6 120.6

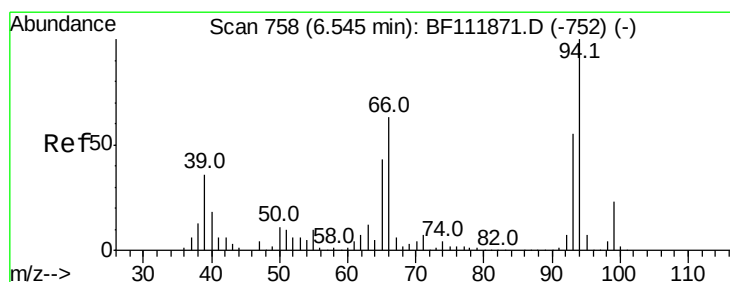
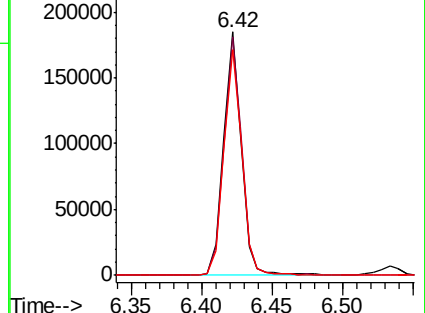
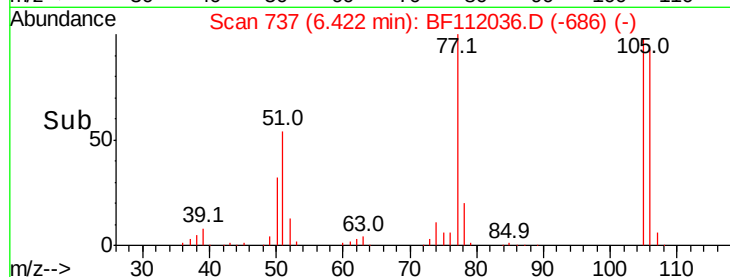
106 92.8 74.6 114.6



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: 37.490 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

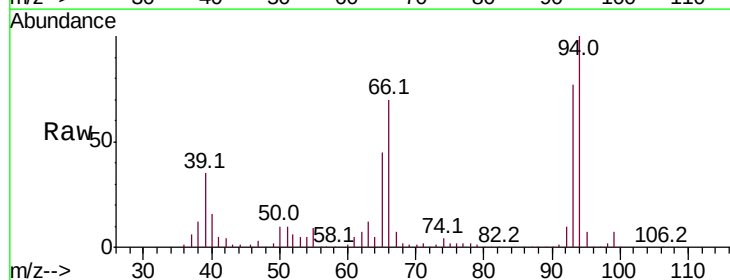
Tgt Ion: 94 Resp: 301414

Ion Ratio Lower Upper

94 100

65 45.1 22.8 62.8

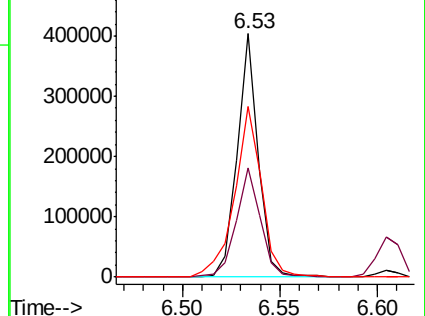
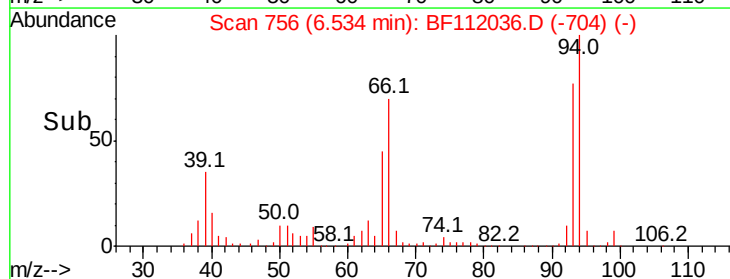
66 70.2 43.3 83.3

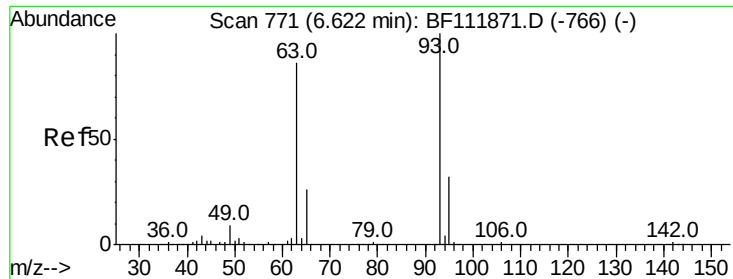


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.804 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

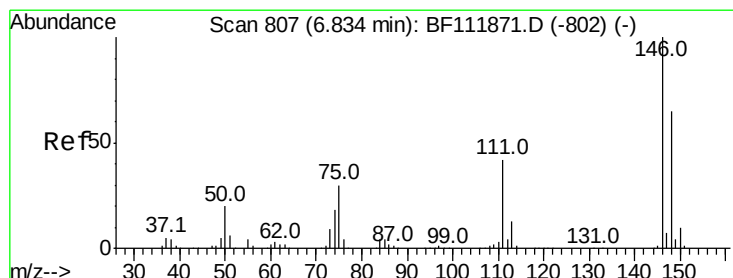
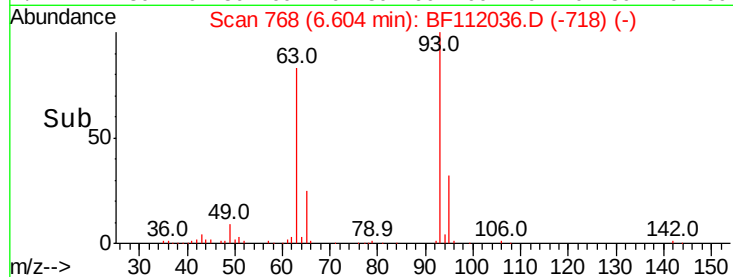
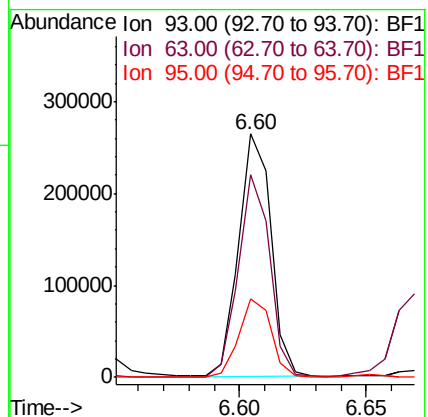
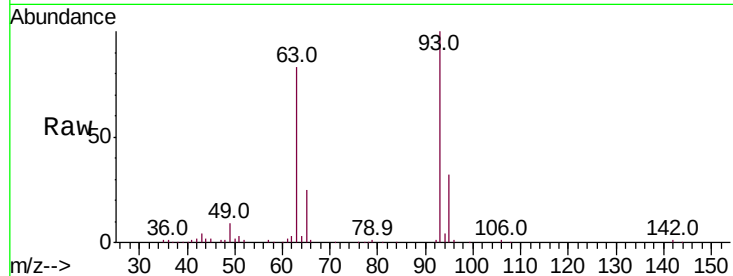
Tot Ion: 93 Resp: 235132

Ion Ratio Lower Upper

93 100

63 83.2 65.2 105.2

95 32.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 39.744 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

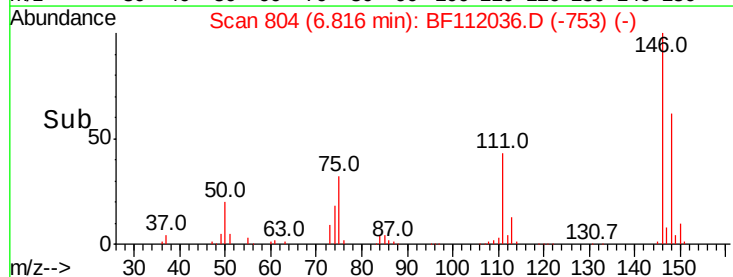
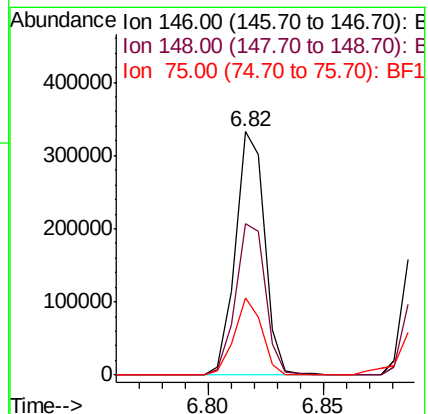
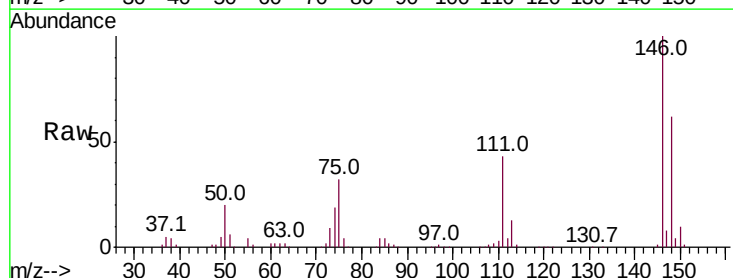
Tgt Ion: 146 Resp: 293624

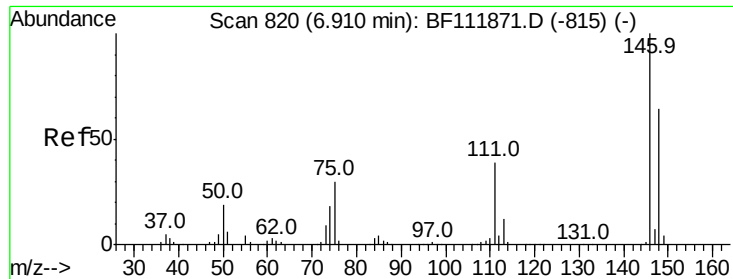
Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

75 31.9 24.3 36.5

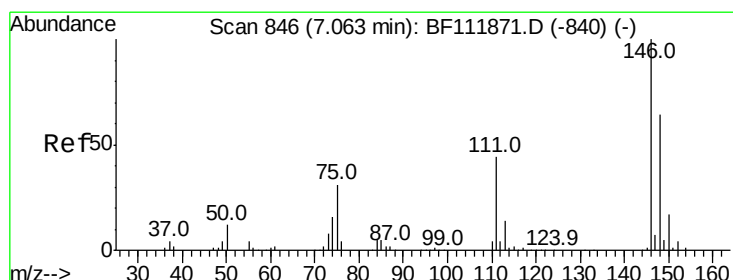
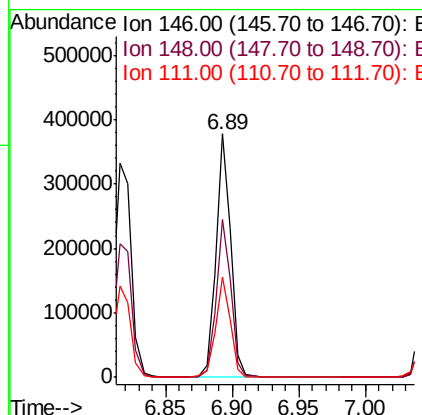
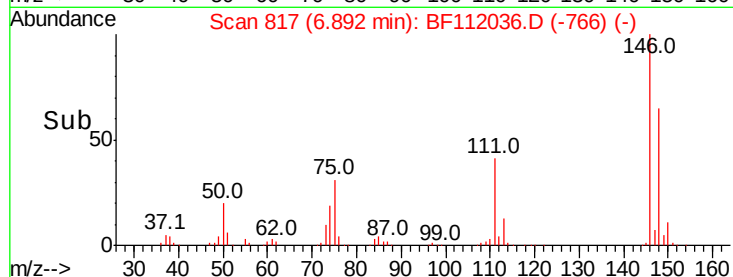
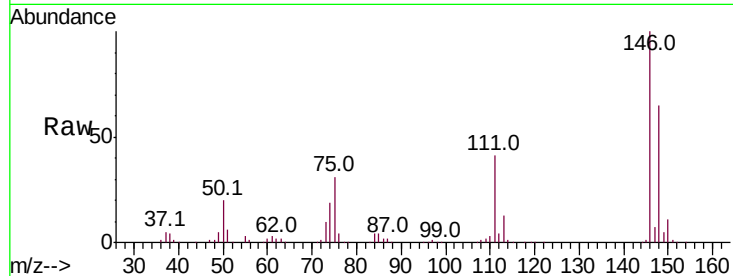




#13
 1,4-Dichlorobenzene
 Concen: 39.381 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

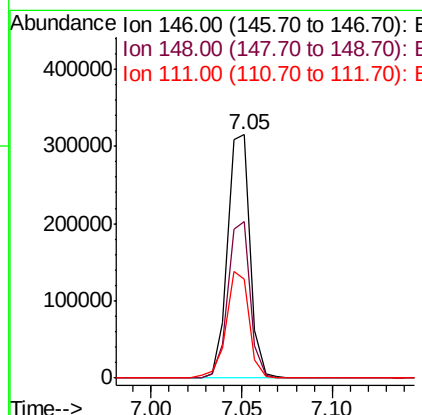
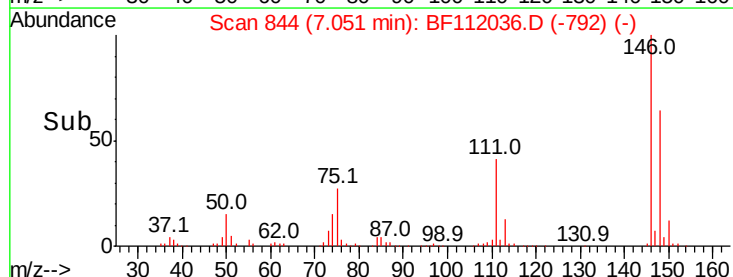
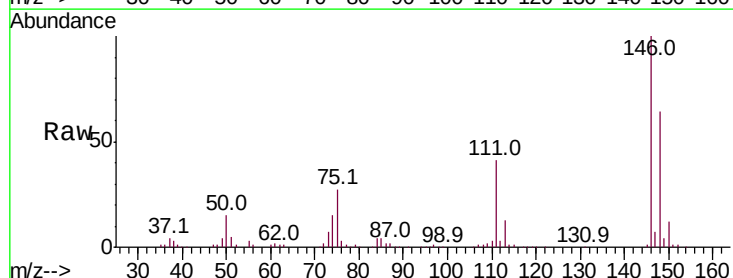
Instrument :
 BNA_F
 ClientSampled :

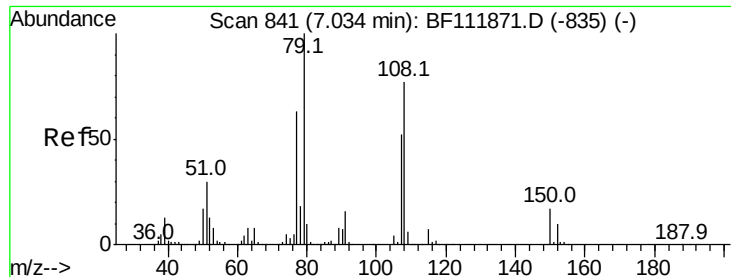
Tot Ion:146 Resp: 295244
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 41.3 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 38.105 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:146 Resp: 273077
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 40.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 36.100 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

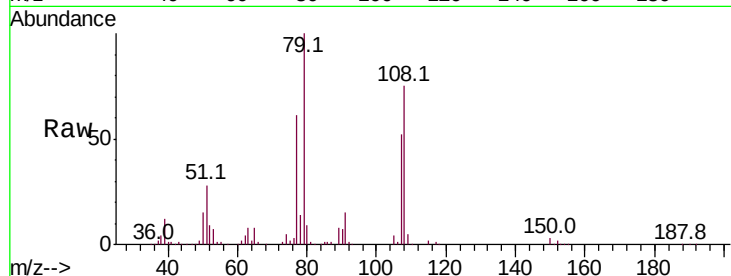
Tot Ion: 79 Resp: 211287

Ion Ratio Lower Upper

79 100

108 74.8 61.4 92.0

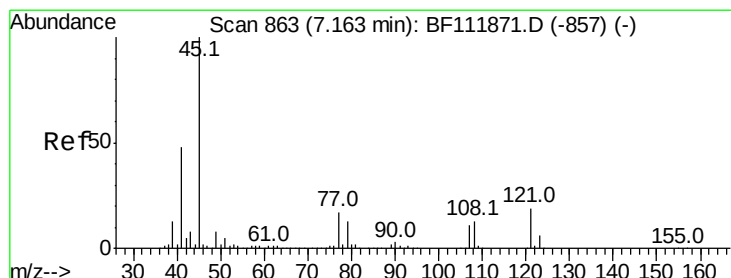
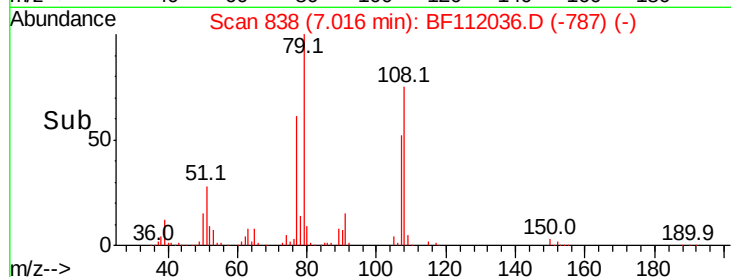
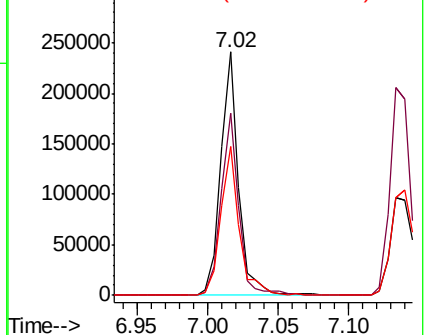
77 61.2 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.190 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

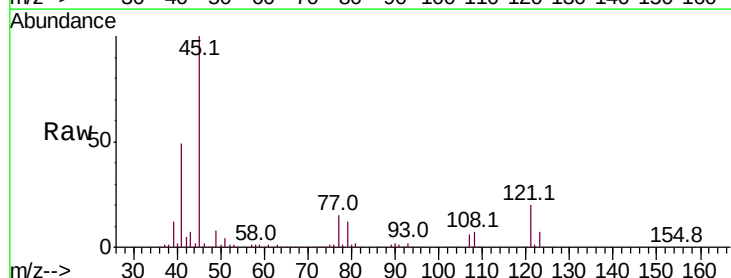
Tgt Ion: 45 Resp: 362572

Ion Ratio Lower Upper

45 100

77 15.3 0.0 37.1

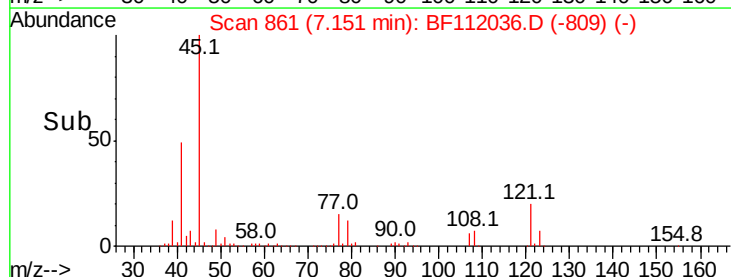
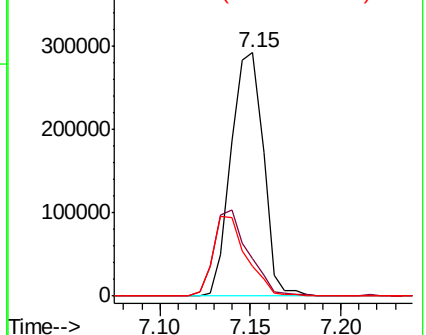
79 12.0 0.0 33.9

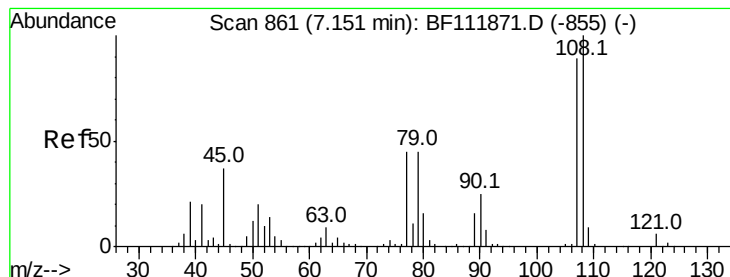


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

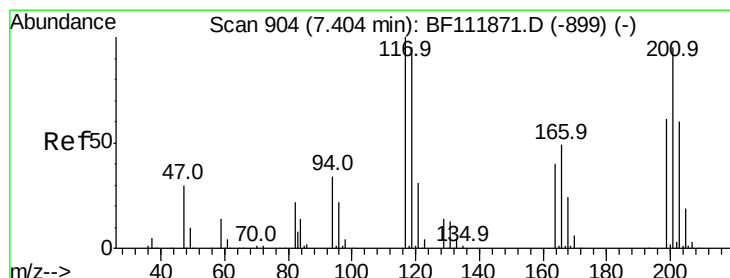
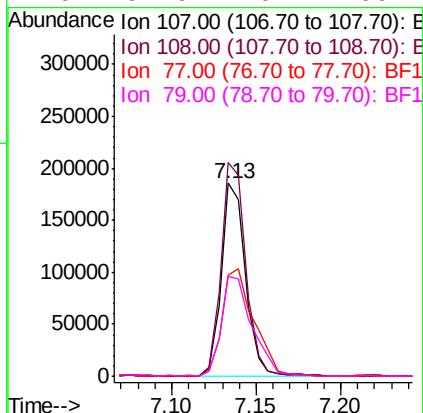
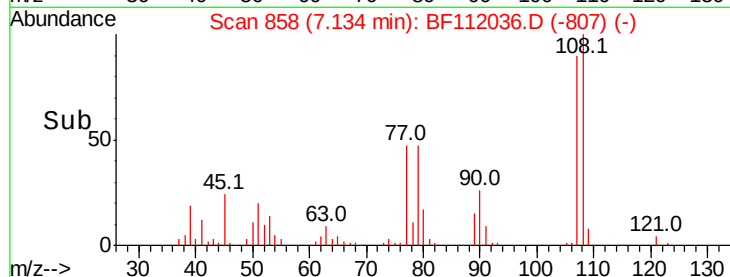
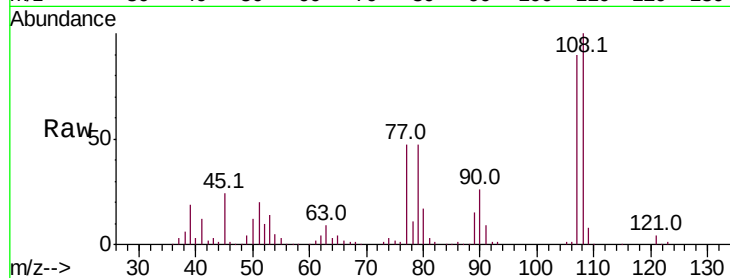




#17
2-Methylphenol
Concen: 36.474 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

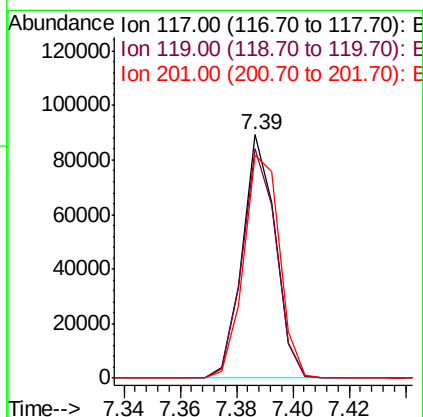
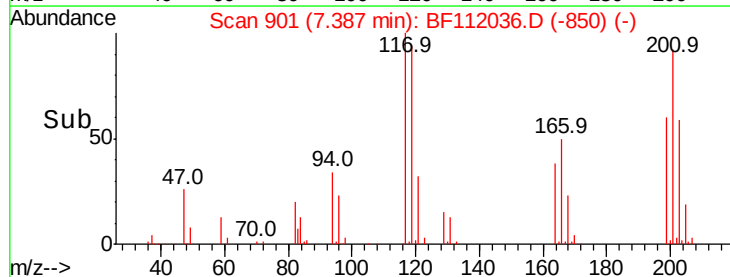
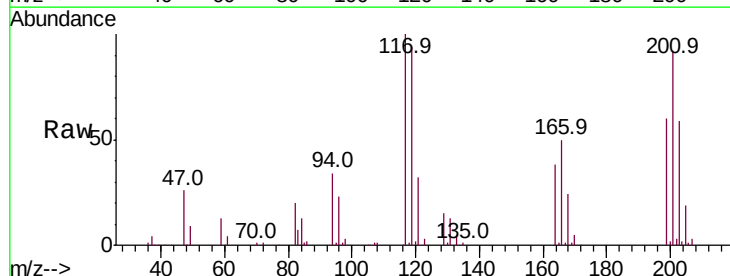
Instrument :
BNA_F
ClientSampleId :

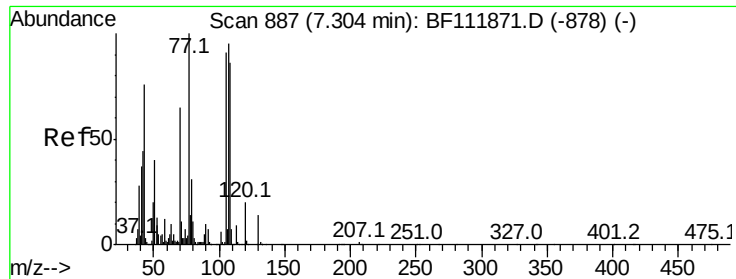
Tot Ion:107 Resp: 186820
Ion Ratio Lower Upper
107 100
108 110.8 89.7 134.5
77 52.3 40.6 60.8
79 51.9 40.2 60.2



#18
Hexachloroethane
Concen: 27.581 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:117 Resp: 72195
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.2
201 91.7 75.7 113.5

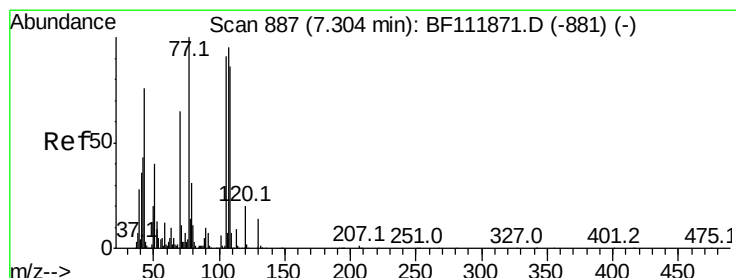
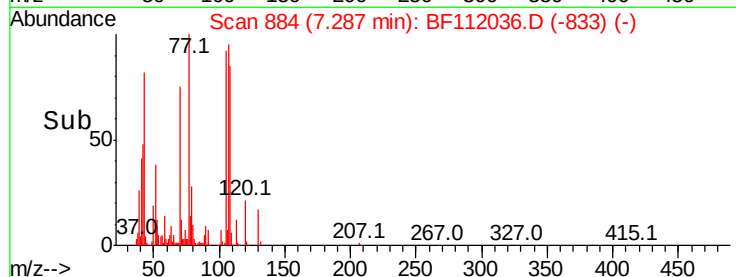
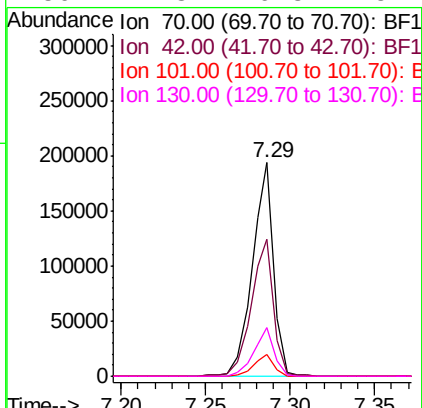
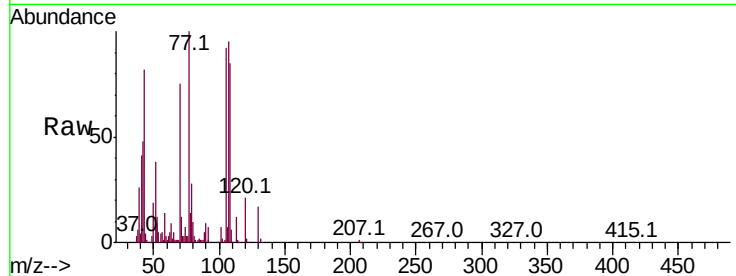




#19
n-Nitroso-di-n-propylamine
Concen: 35.346 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

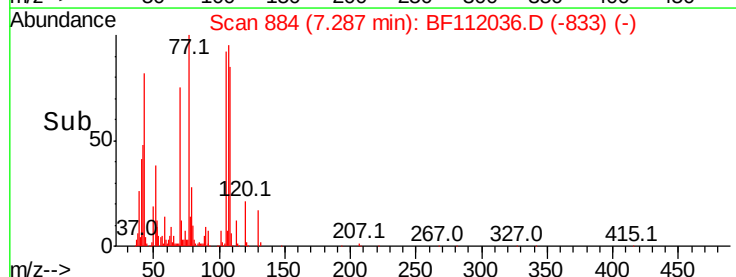
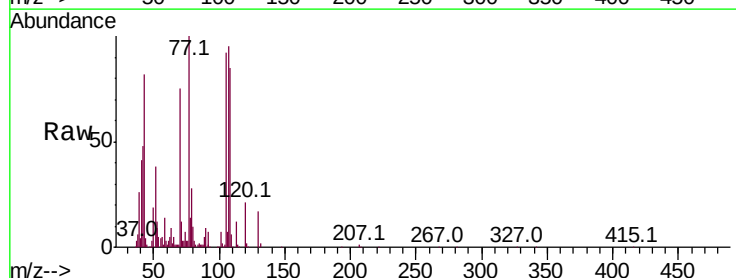
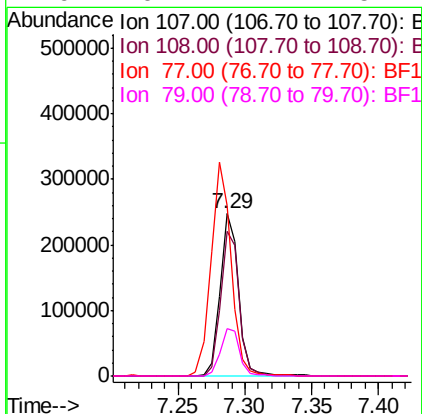
Instrument :
BNA_F
ClientSampleId :

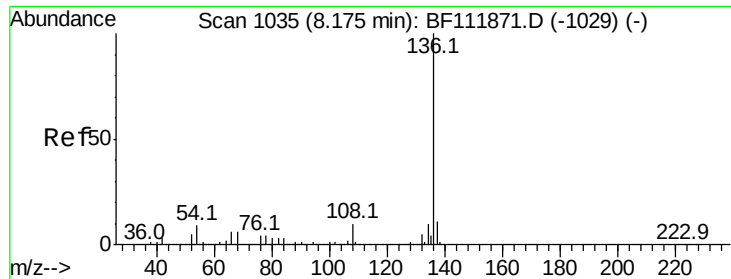
Tot Ion:	70	Resp:	169882
Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.6	80.4
101	10.0	7.3	10.9
130	22.8	16.8	25.2



#20
3+4-Methylphenols
Concen: 37.867 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:	107	Resp:	241384
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.1	111.1
77	104.8	85.4	125.4
79	29.4	12.4	52.4

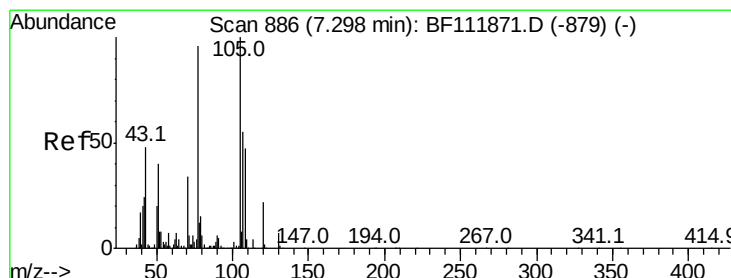
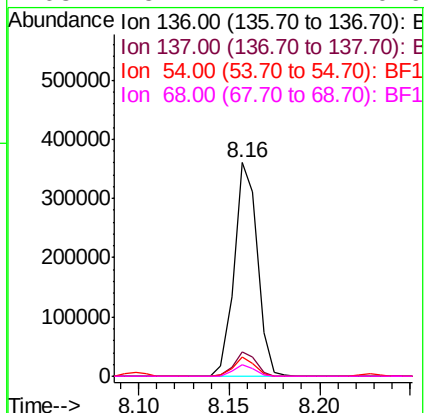
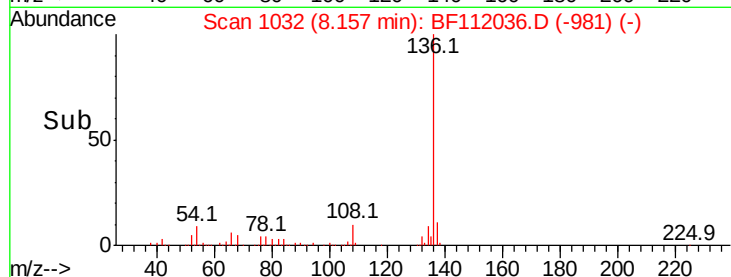
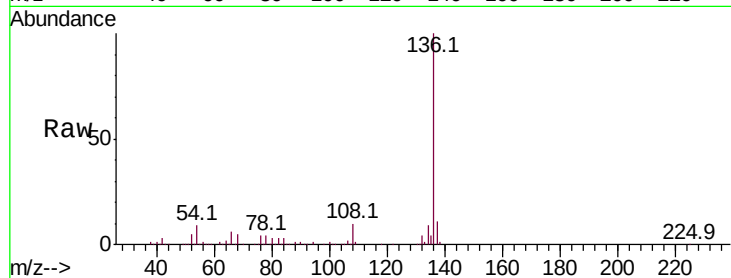




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

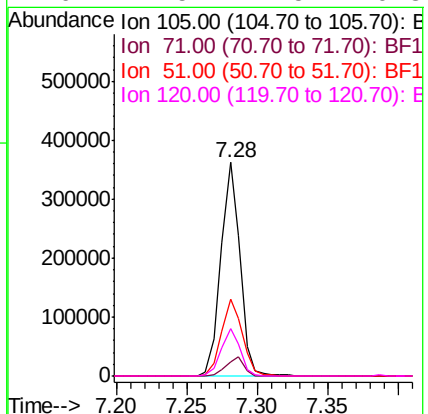
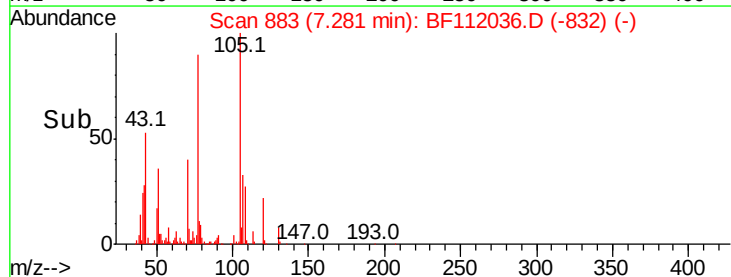
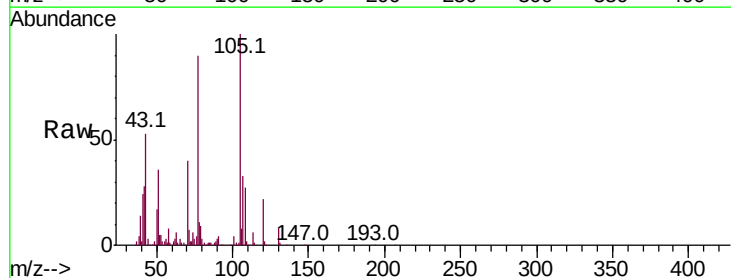
Instrument :
BNA_F
ClientSampled :

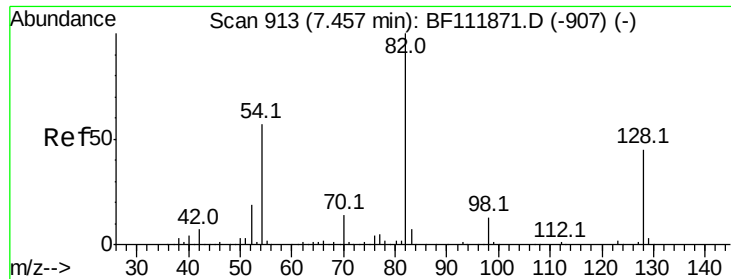
Tot Ion:136	Resp:	321058
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	8.9	7.2 10.8
68	5.4	4.4 6.6



#22
Acetophenone
Concen: 41.986 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:105	Resp:	341272
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.6 6.8#
51	35.8	32.2 48.2
120	22.5	17.5 26.3

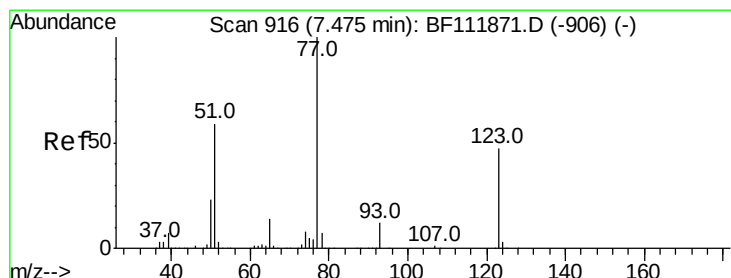
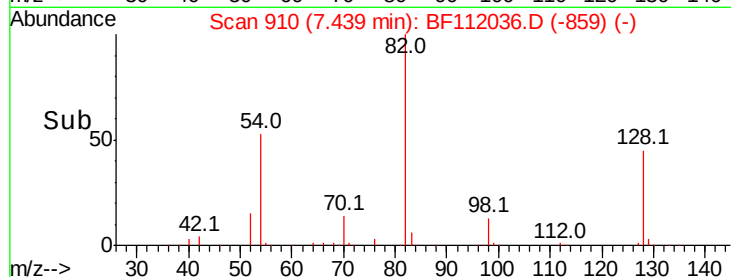
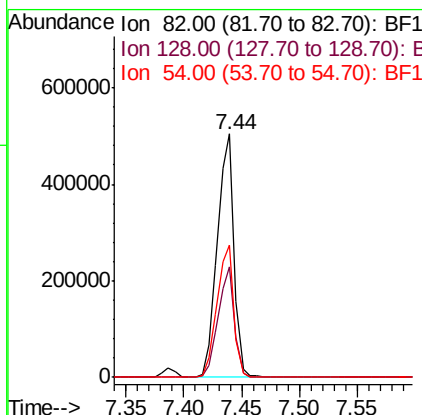
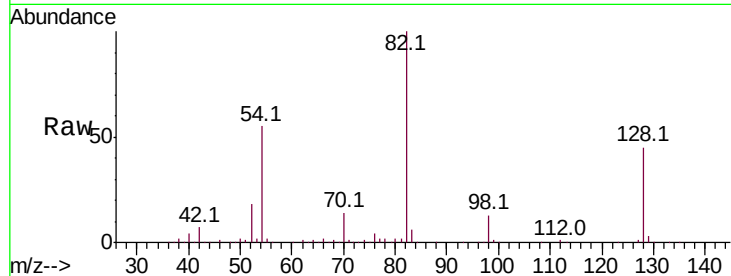




#23
 Nitrobenzene-d5
 Concen: 84.251 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

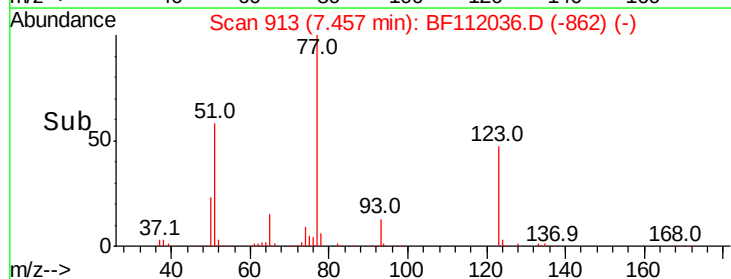
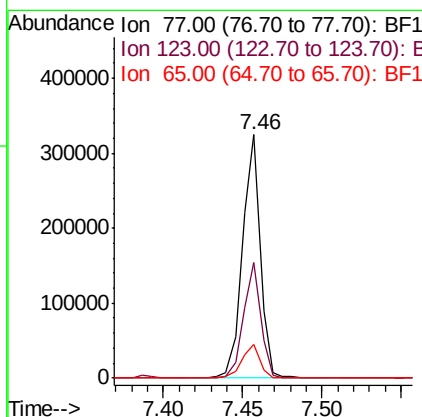
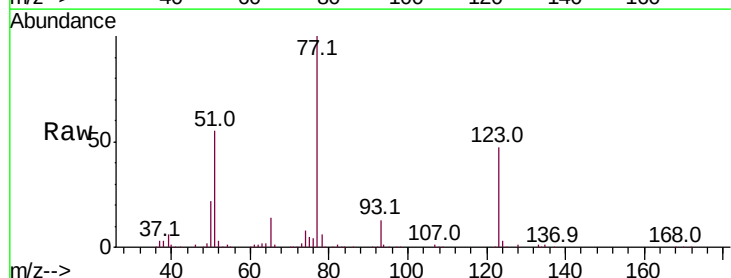
Instrument :
 BNA_F
 ClientSampleId :

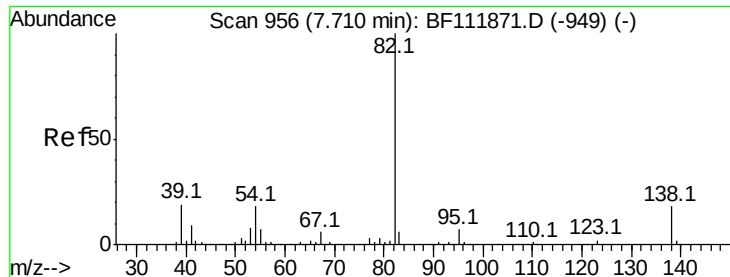
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	54.6	45.8	68.8



#24
 Nitrobenzene
 Concen: 41.658 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.1	57.1
65	13.7	11.0	16.4





#25

Isophorone

Concen: 39.087 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

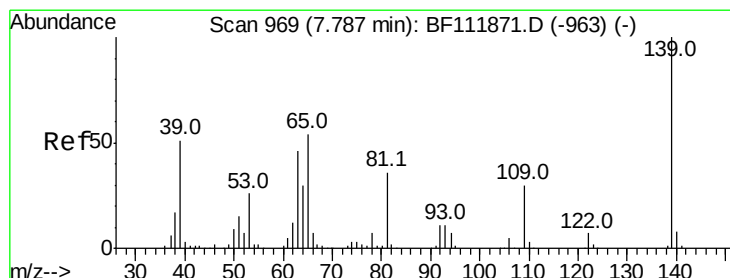
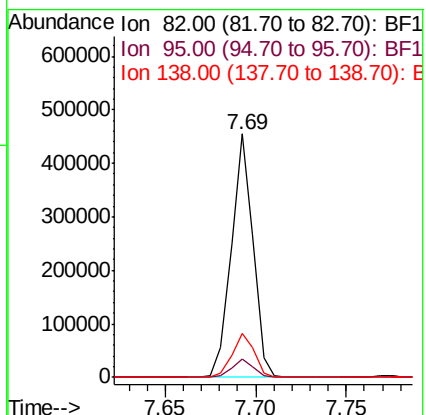
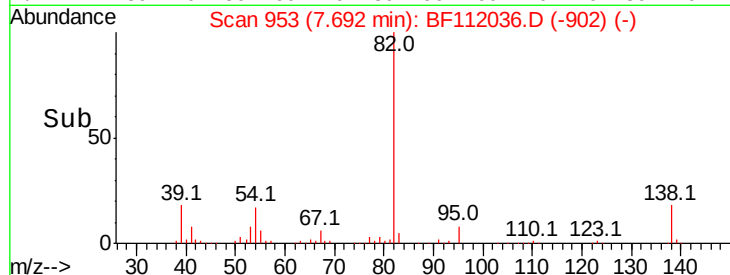
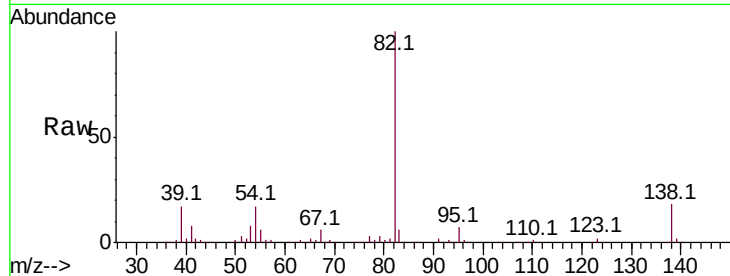
Tot Ion: 82 Resp: 380225

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 17.9 14.4 21.6



#26

2-Nitrophenol

Concen: 36.791 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

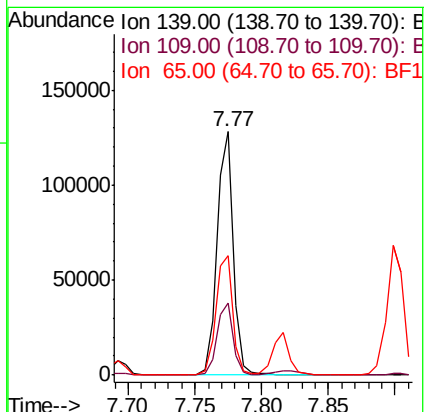
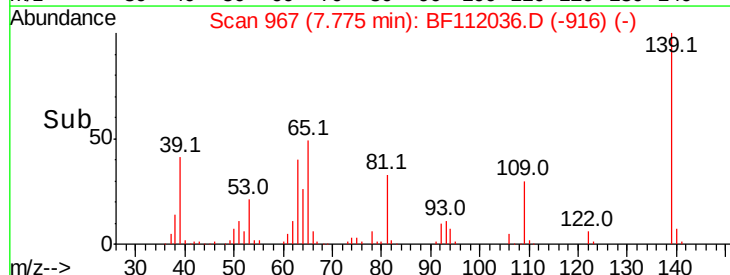
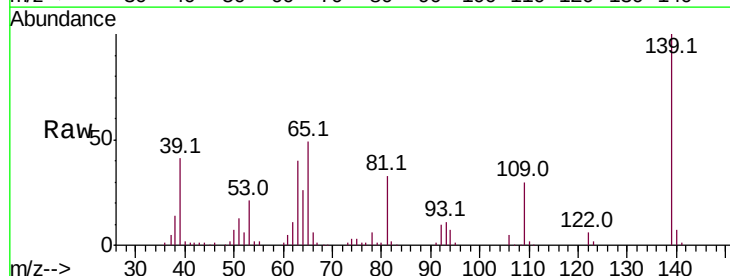
Tgt Ion: 139 Resp: 110084

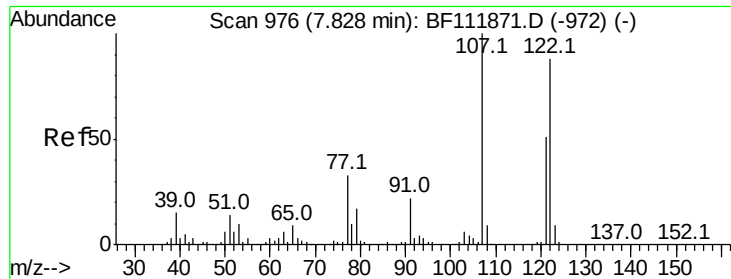
Ion Ratio Lower Upper

139 100

109 29.6 24.1 36.1

65 49.0 43.6 65.4

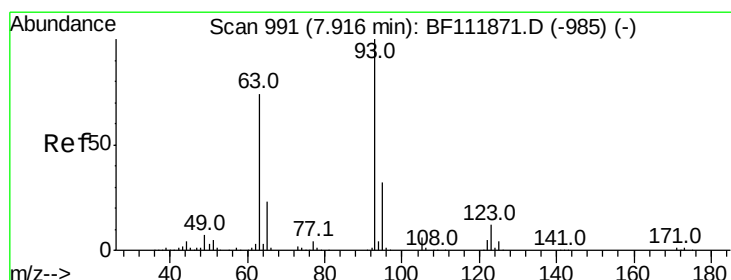
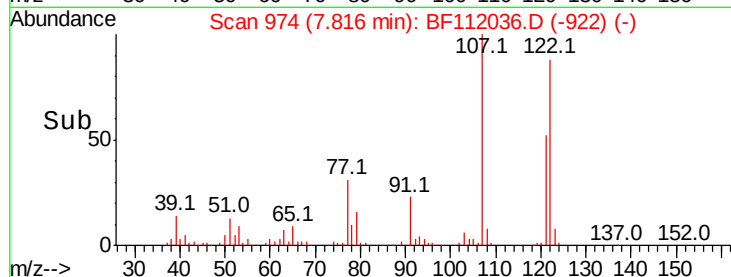
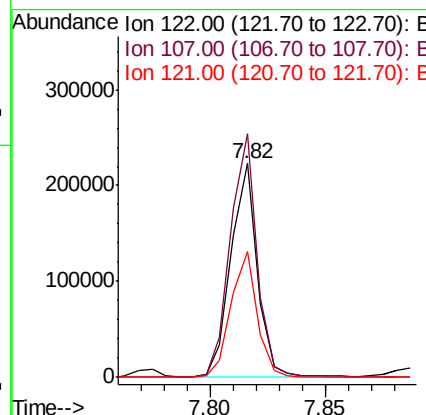
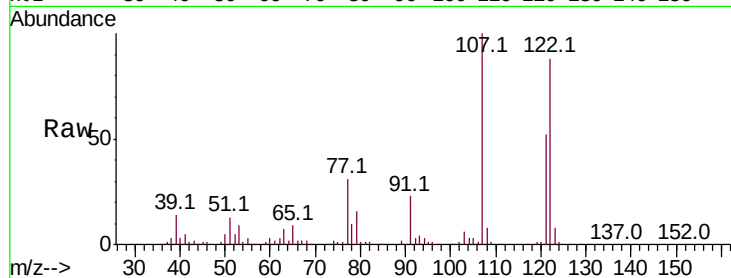




#27
2,4-Dimethylphenol
Concen: 41.191 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

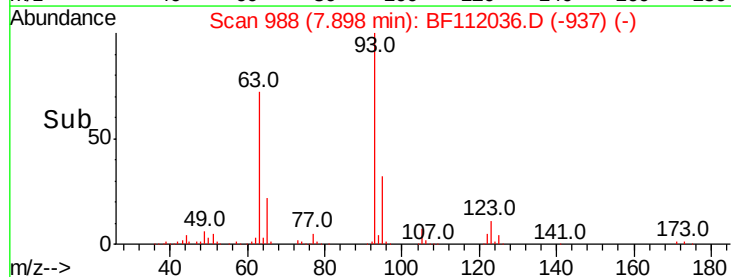
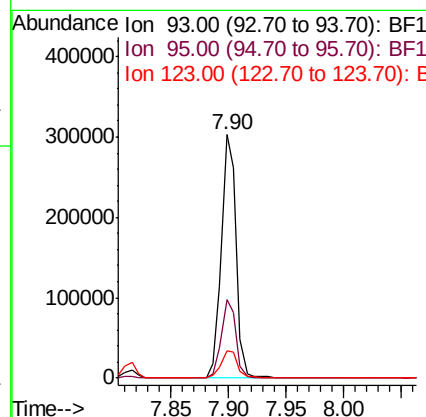
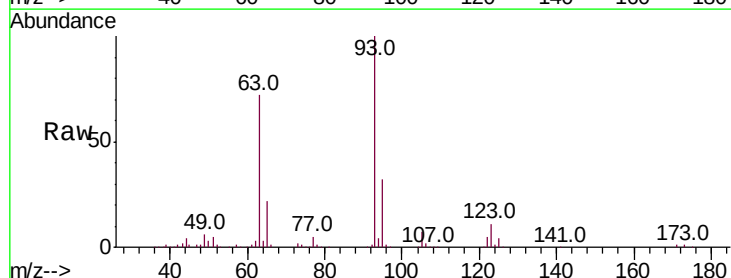
Instrument :
BNA_F
ClientSampleId :

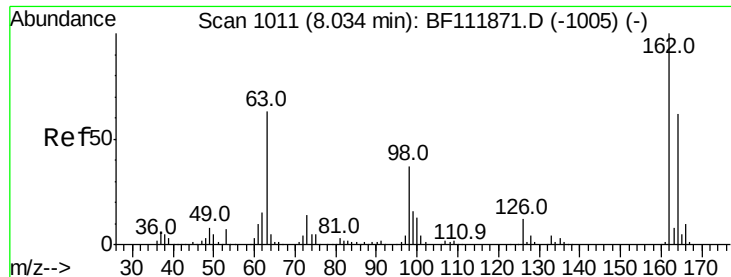
Tot Ion:122 Resp: 178203
Ion Ratio Lower Upper
122 100
107 113.8 91.0 136.6
121 58.8 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.280 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion: 93 Resp: 268035
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.4 9.5 14.3

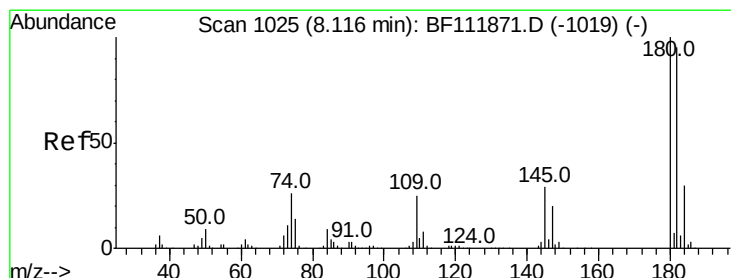
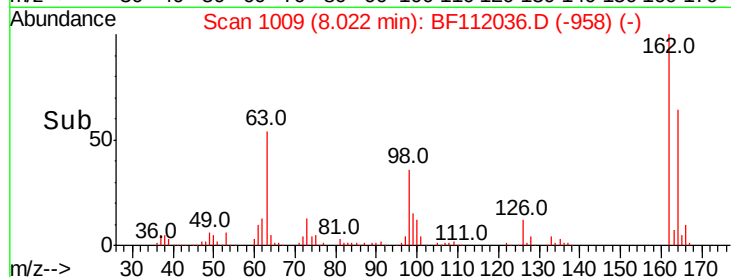
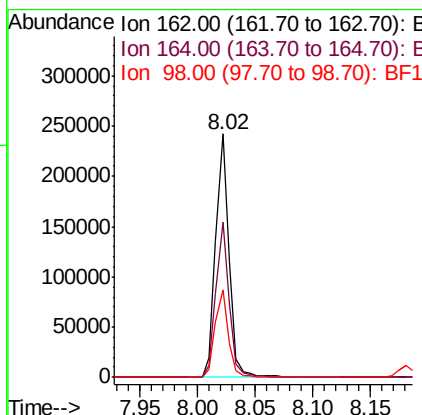
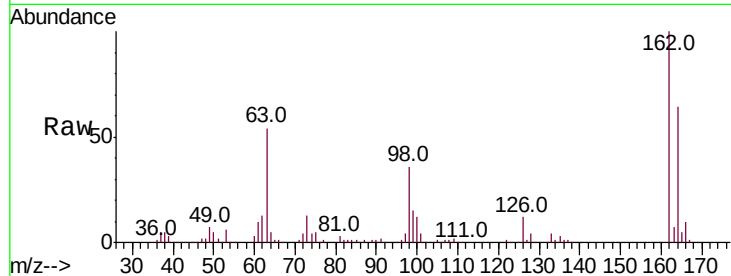




#29
 2,4-Dichlorophenol
 Concen: 39.091 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

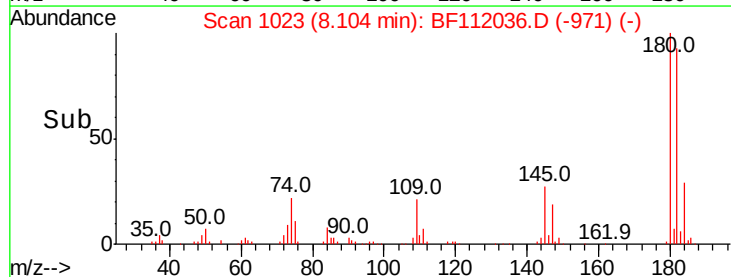
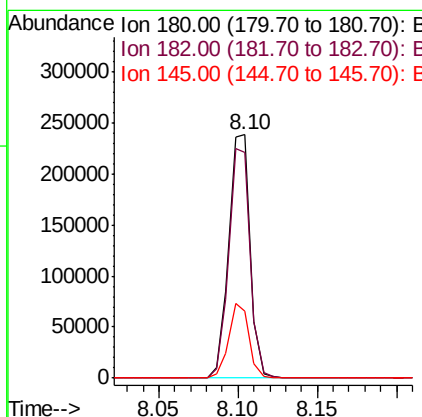
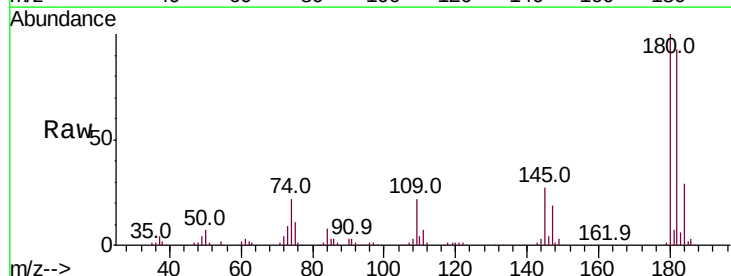
Instrument :
 BNA_F
 ClientSampled :

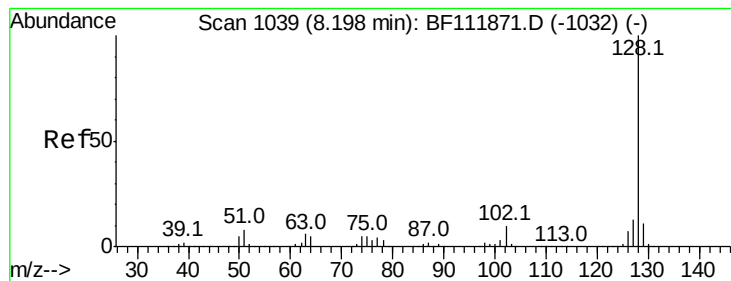
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.1	82.1
98	36.1	17.2	57.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.744 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.2	114.4
145	27.3	23.4	35.2





#31

Naphthalene

Concen: 40.667 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampled :

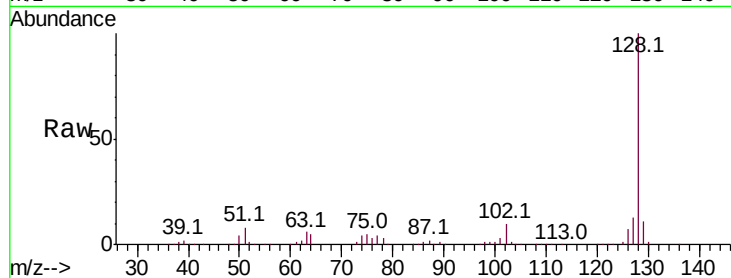
Tot Ion:128 Resp: 619792

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

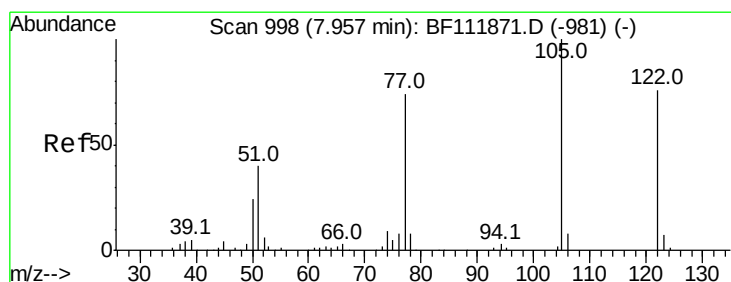
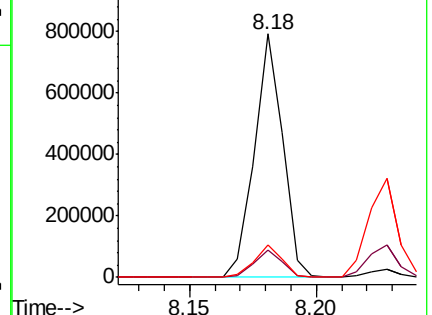
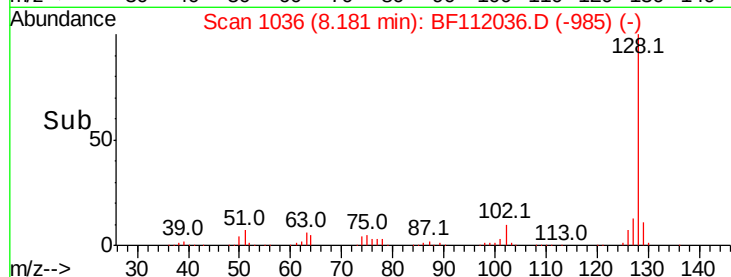
127 13.5 10.7 16.1



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: 18.719 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

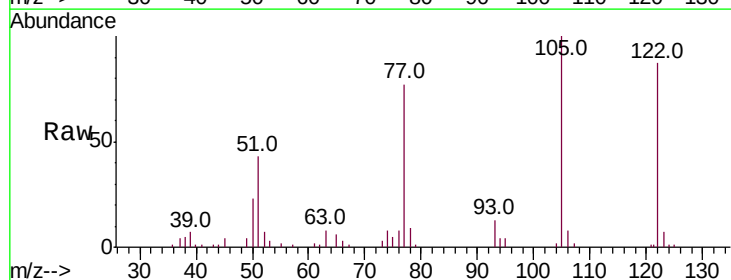
Tgt Ion:122 Resp: 52552

Ion Ratio Lower Upper

122 100

105 115.1 107.9 147.9

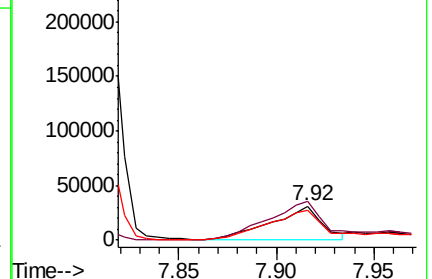
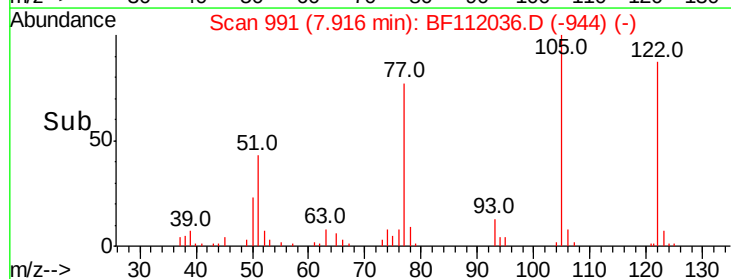
77 88.1 76.6 116.6

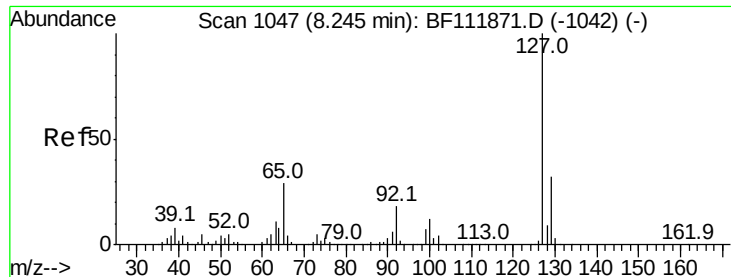


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

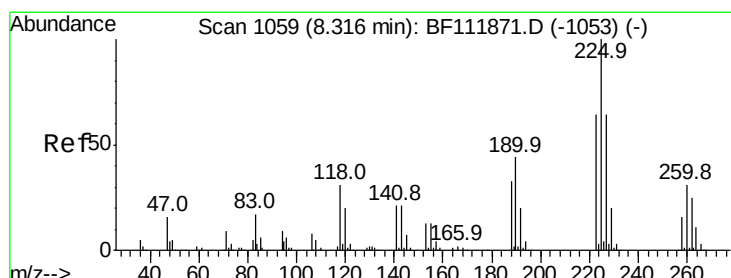
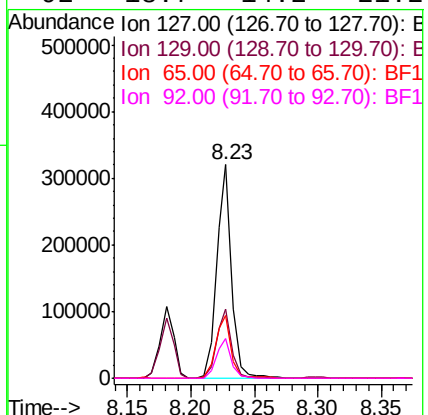
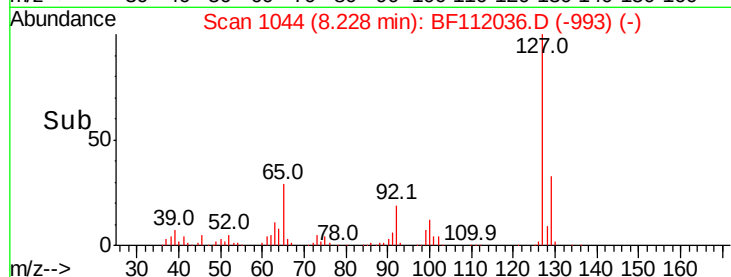
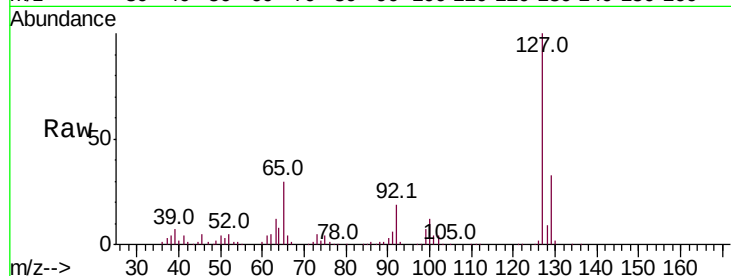




#33
4-Chloroaniline
Concen: 40.024 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

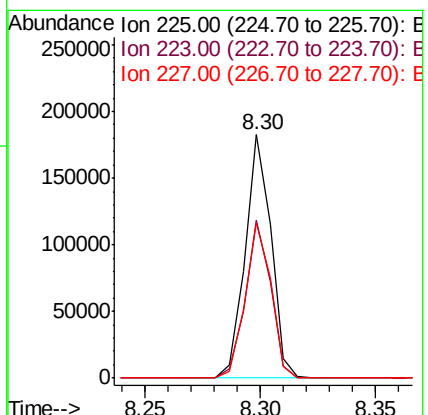
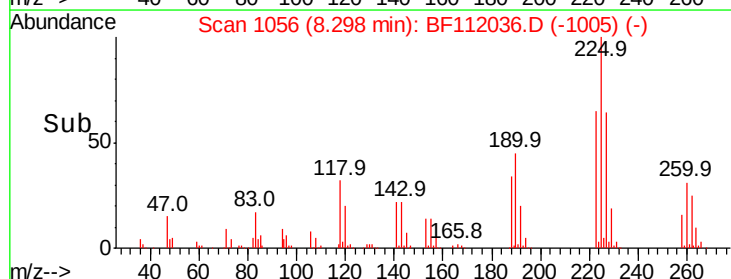
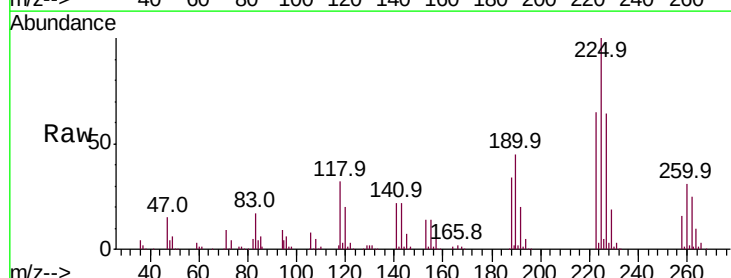
Instrument :
BNA_F
ClientSampled :

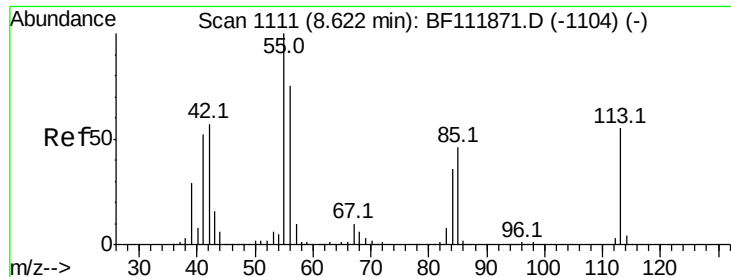
Tot Ion:	127	Resp:	263691
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	29.7	23.5	35.3
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 41.877 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:	225	Resp:	143072
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.9	76.3
227	63.5	51.4	77.0

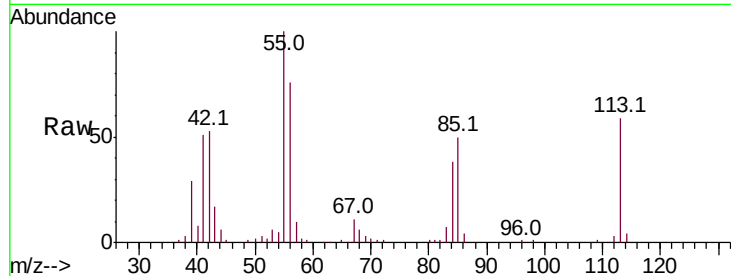




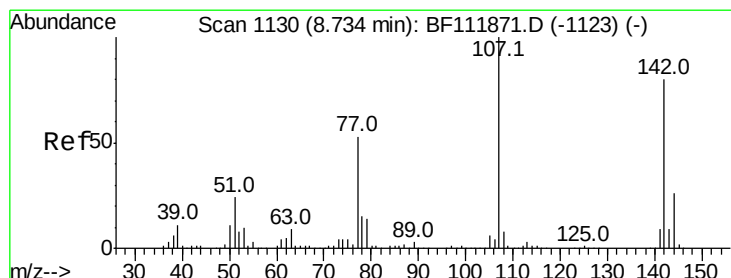
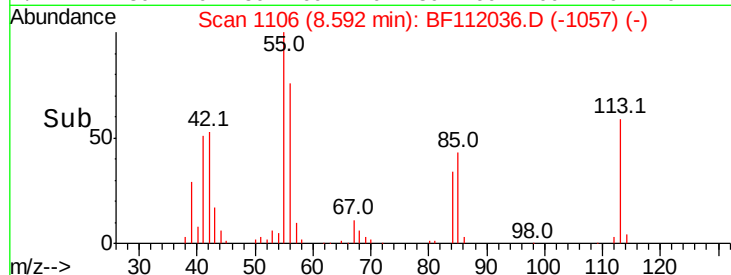
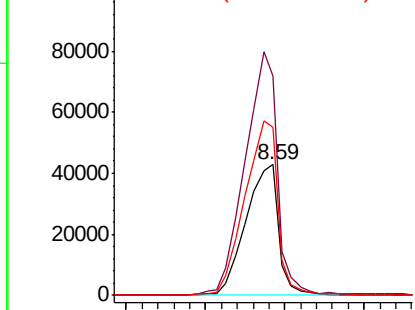
#35
 Caprolactam
 Concen: 37.911 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 61619
 Ion Ratio Lower Upper
 113 100
 55 168.4 162.0 202.0
 56 128.7 116.0 156.0

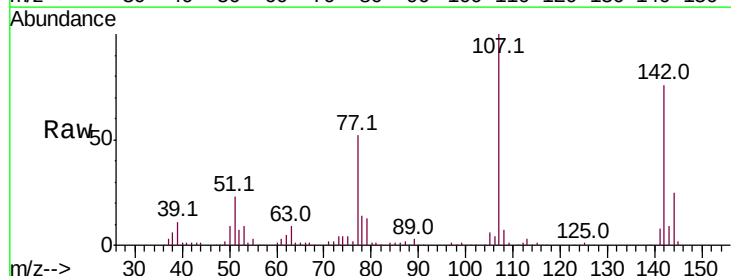


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

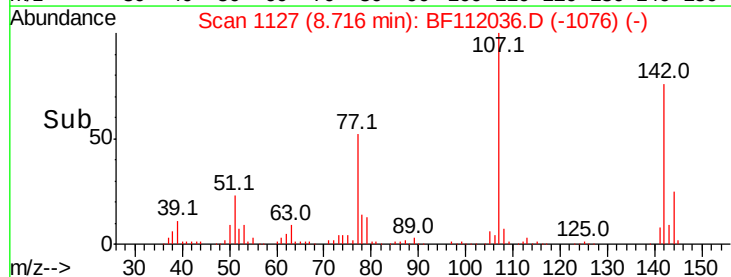
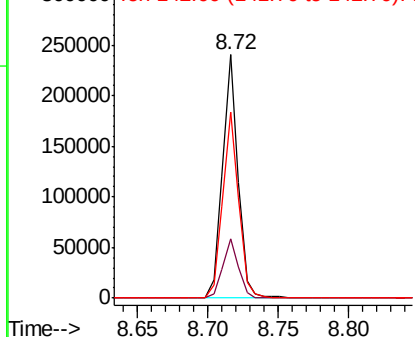


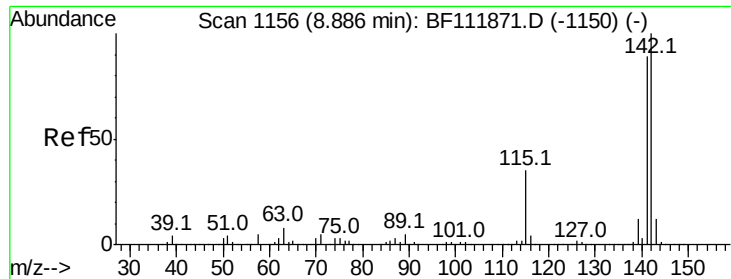
#36
 4-Chloro-3-methylphenol
 Concen: 37.412 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:107 Resp: 185050
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 76.5 63.9 95.9



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

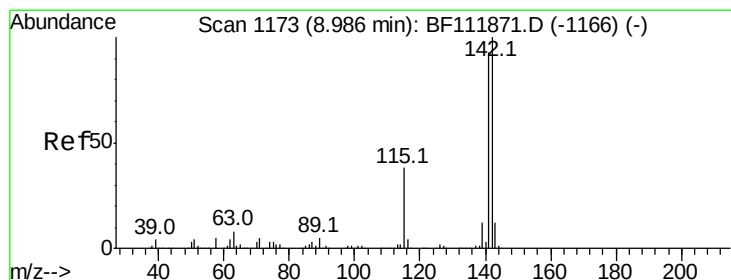
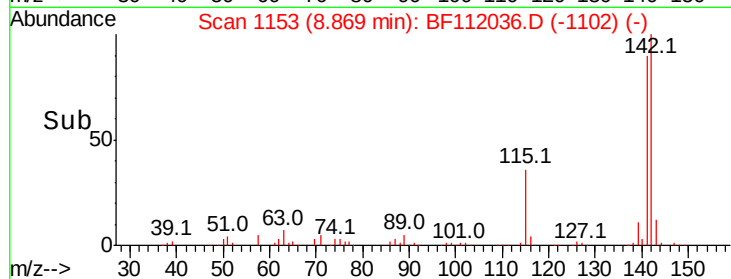
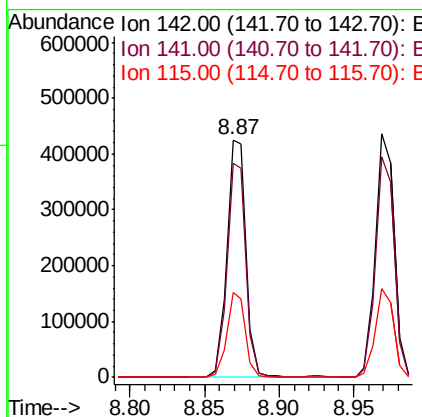
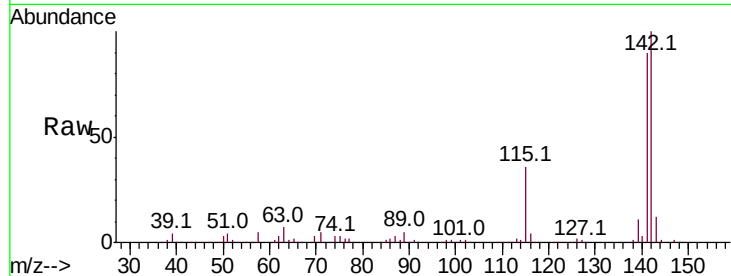




#37
 2-Methylnaphthalene
 Concen: 41.074 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

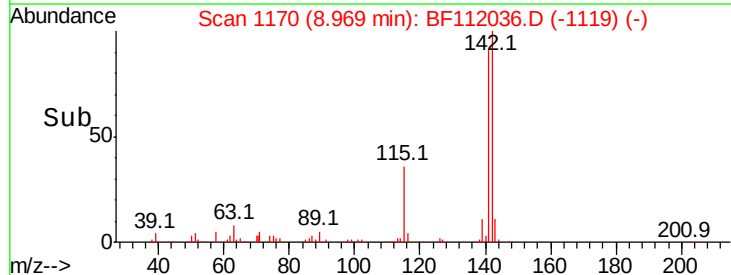
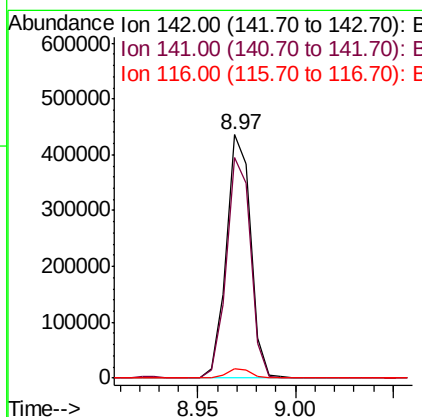
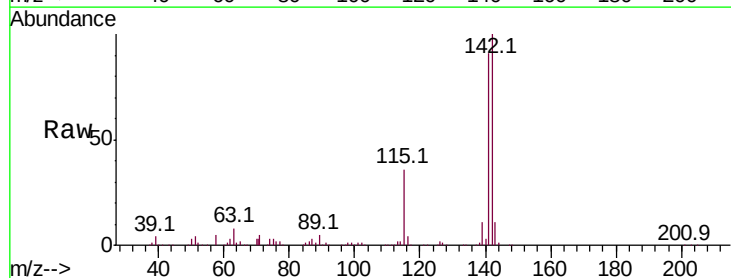
Instrument :
 BNA_F
 ClientSampleId :

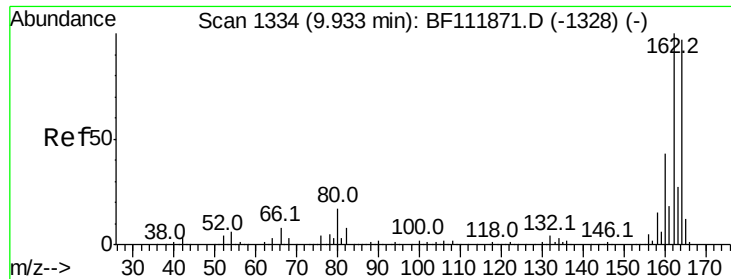
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	35.7	28.3	42.5



#38
 1-Methylnaphthalene
 Concen: 41.656 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.8	112.2
116	4.1	3.1	4.7

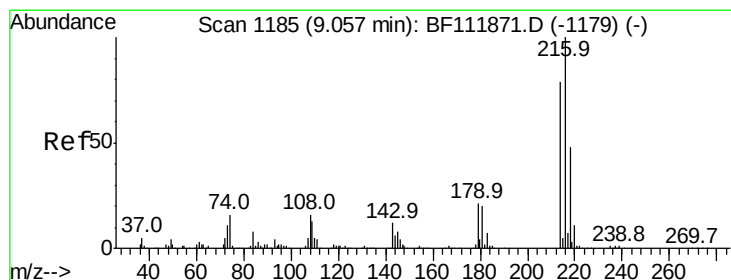
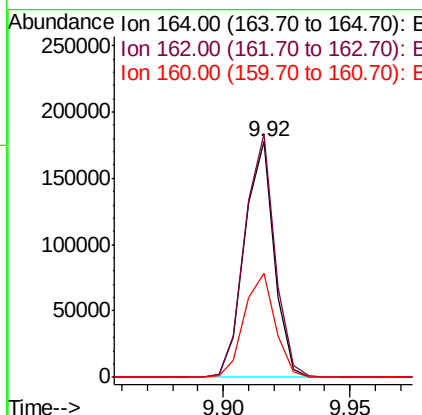
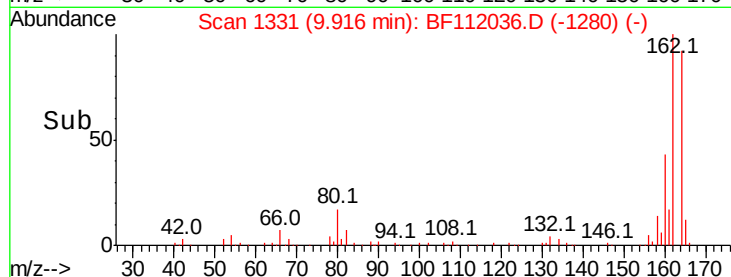
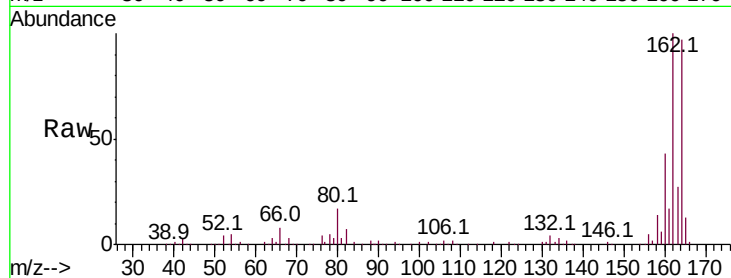




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

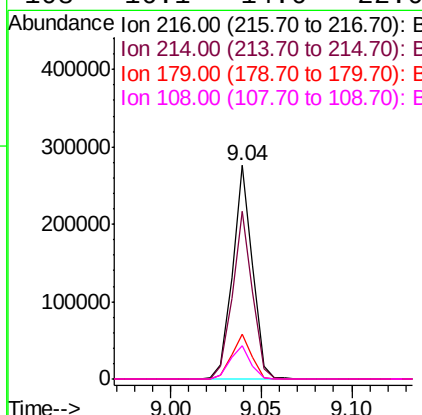
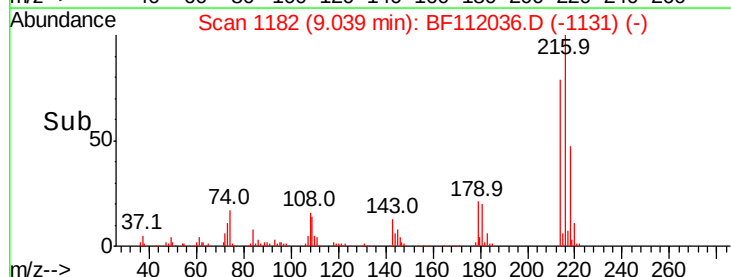
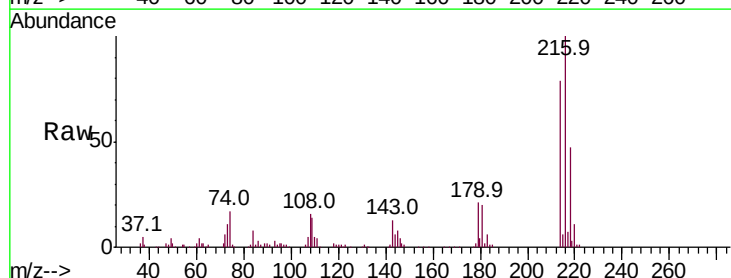
Instrument :
BNA_F
ClientSampleId :

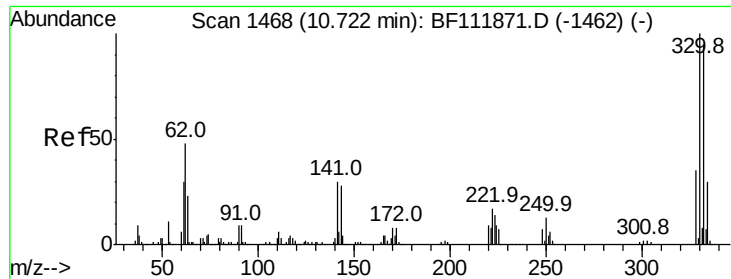
Tot Ion:164 Resp: 144210
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 44.4 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.606 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:216 Resp: 209672
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 21.2 17.0 25.6
108 16.1 14.6 22.0

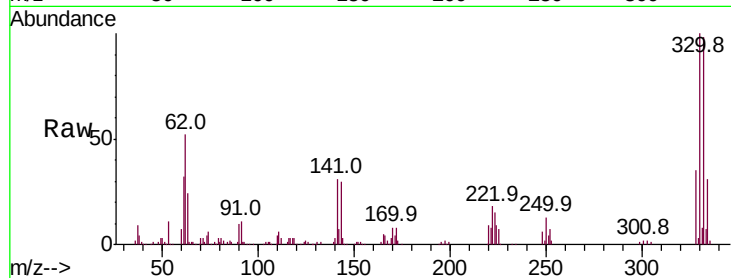




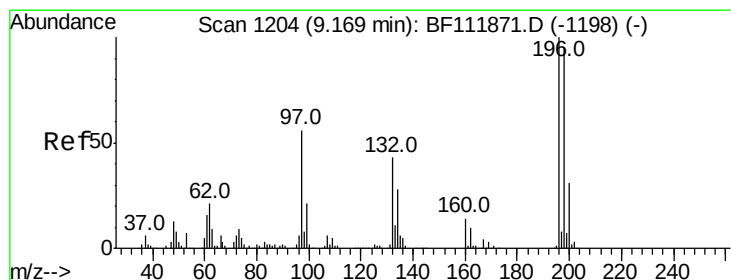
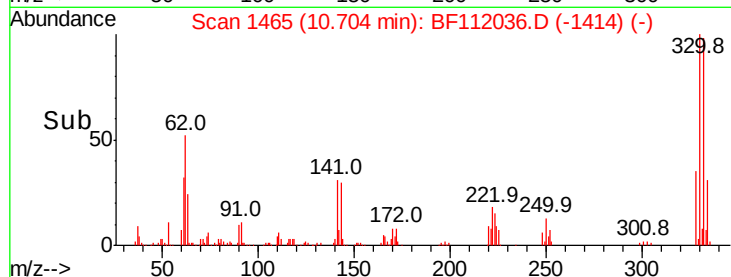
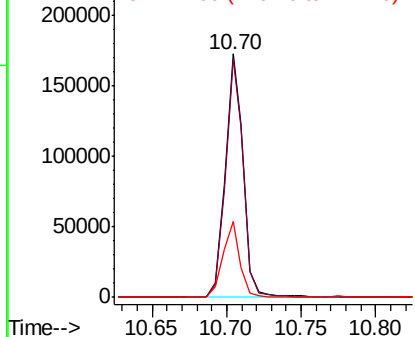
#42
 2,4,6-Tribromophenol
 Concen: 78.155 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146599
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.9 115.3
 141 29.4 23.7 35.5

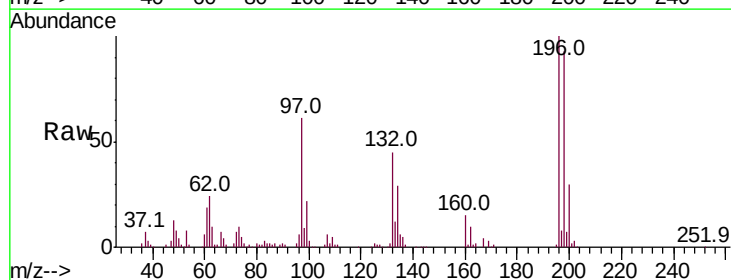


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

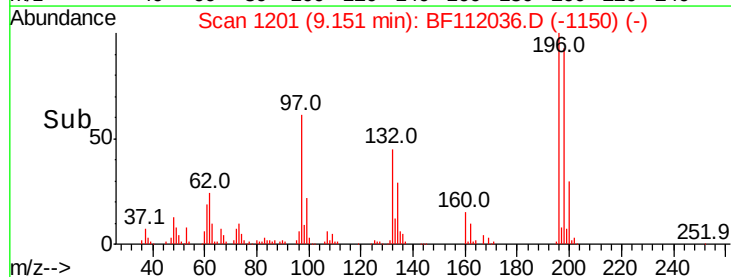
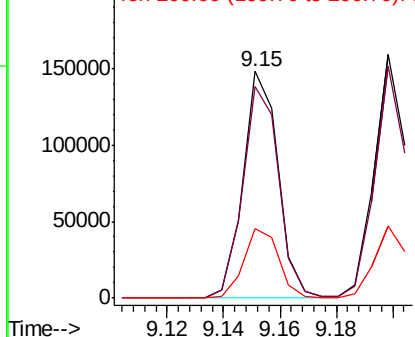


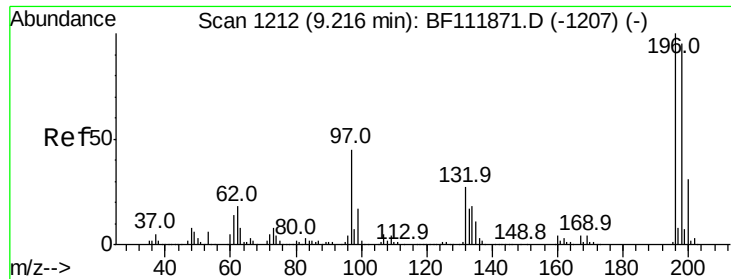
#43
 2,4,6-Trichlorophenol
 Concen: 40.944 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:196 Resp: 127677
 Ion Ratio Lower Upper
 196 100
 198 93.3 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

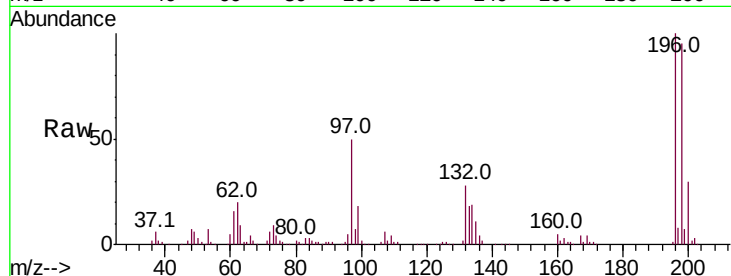




#44
 2,4,5-Trichlorophenol
 Concen: 40.718 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
97	50.1	36.4	54.6
132	27.7	21.7	32.5



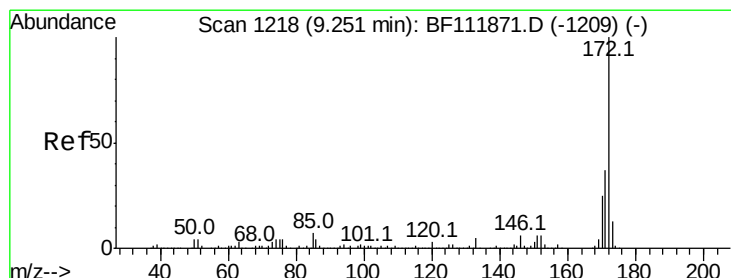
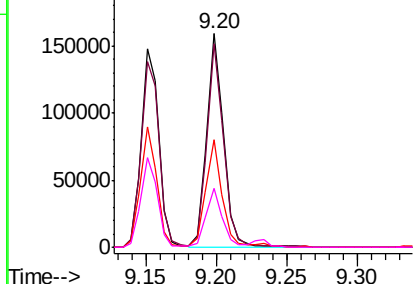
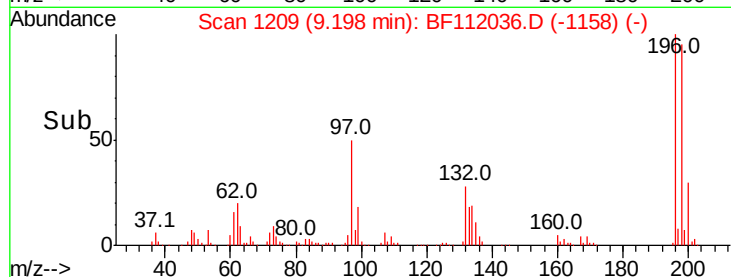
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

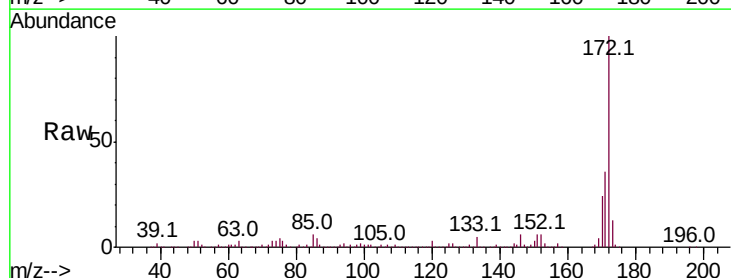
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.318 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

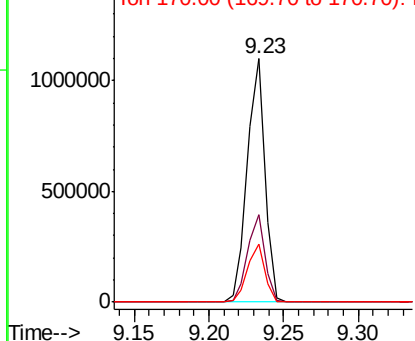
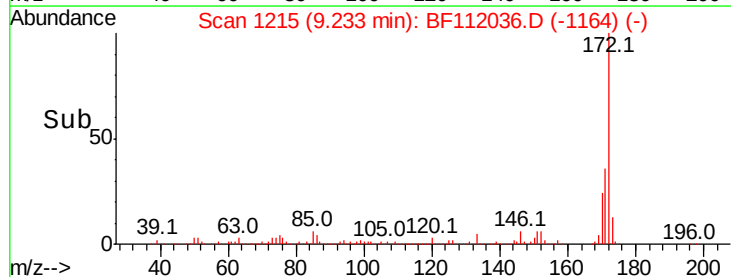


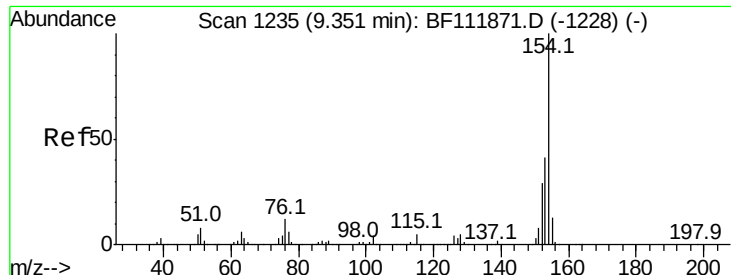
Abundance

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

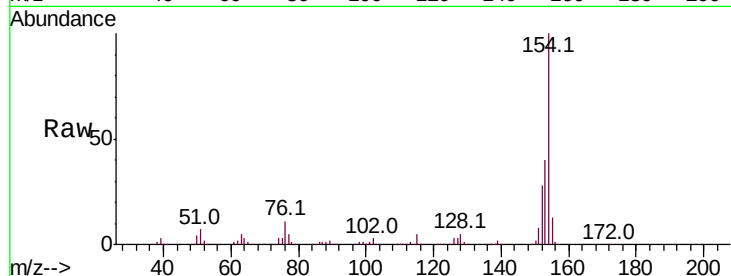




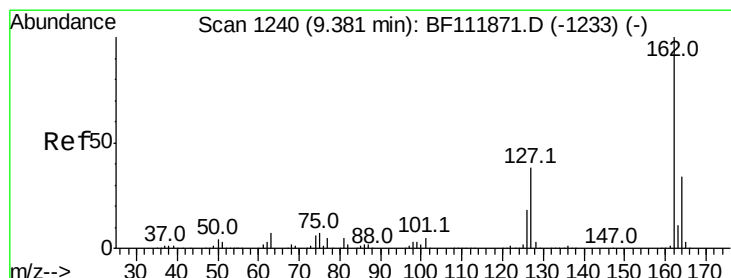
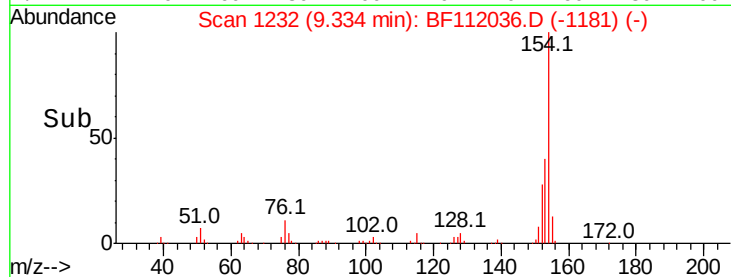
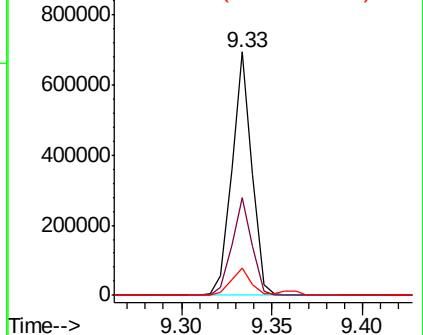
#46
 1,1'-Biphenyl
 Concen: 43.861 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	11.0	0.0	32.3

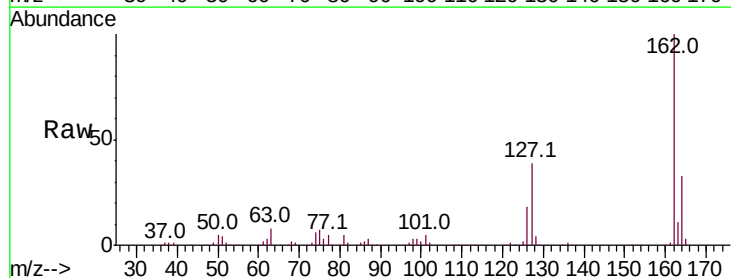


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

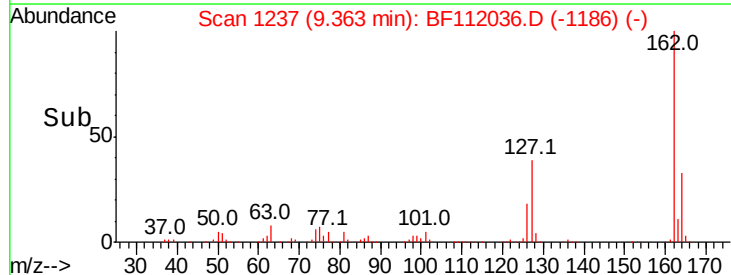
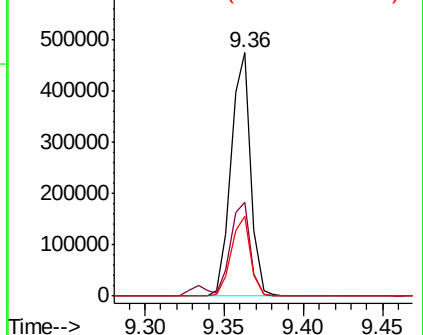


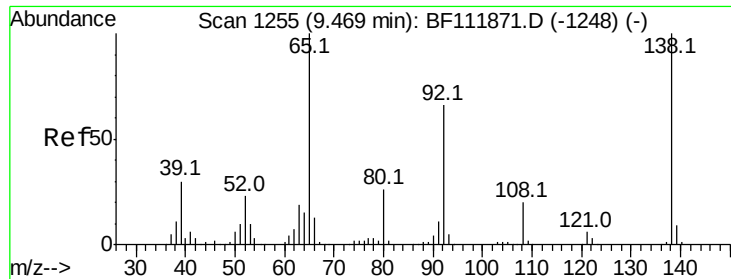
#47
 2-Chloronaphthalene
 Concen: 42.835 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.2	46.8
164	32.5	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

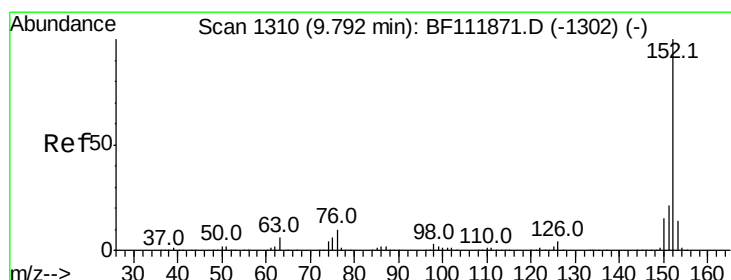
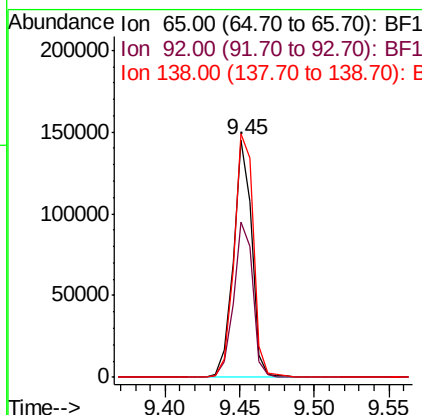
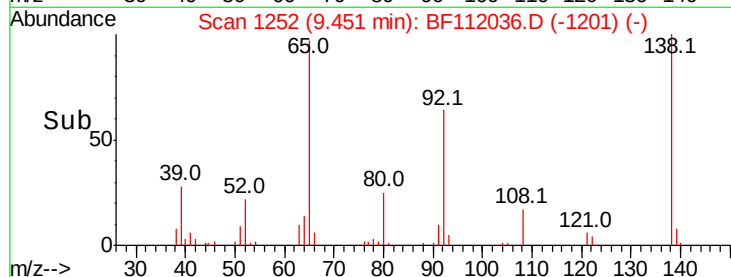
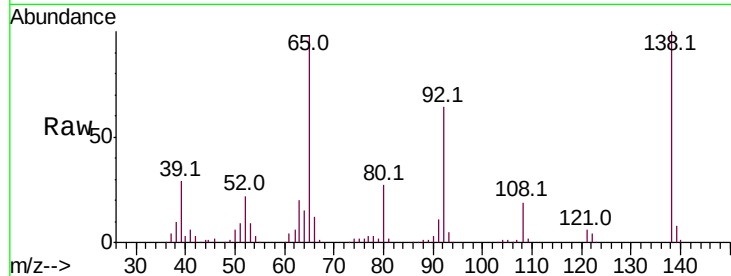




#48
 2-Nitroaniline
 Concen: 43.958 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

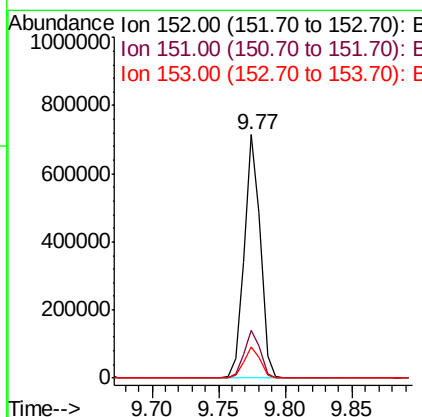
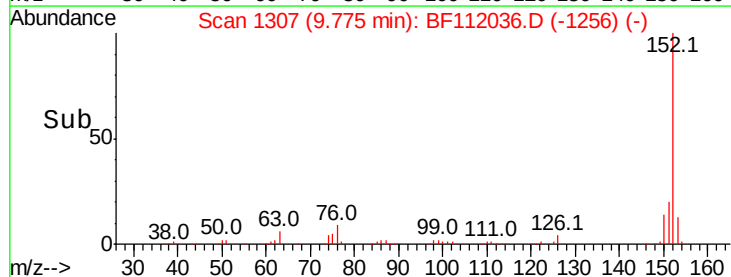
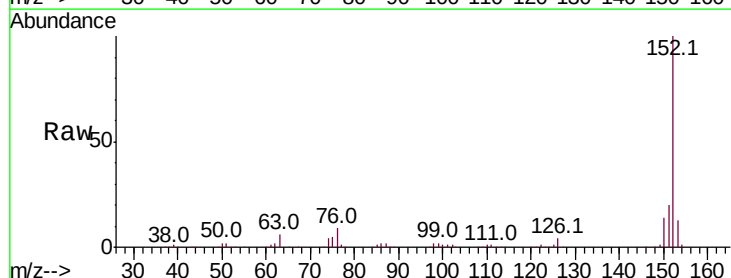
Instrument :
 BNA_F
 ClientSampleId :

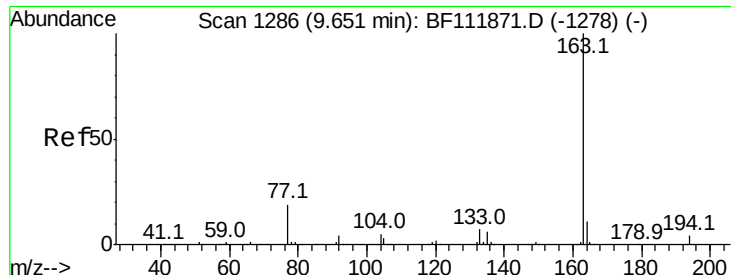
Tot Ion: 65 Resp: 127238
 Ion Ratio Lower Upper
 65 100
 92 65.5 52.5 78.7
 138 102.4 79.8 119.6



#49
 Acenaphthylene
 Concen: 42.325 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion: 152 Resp: 592415
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.6 25.0
 153 13.0 11.0 16.4

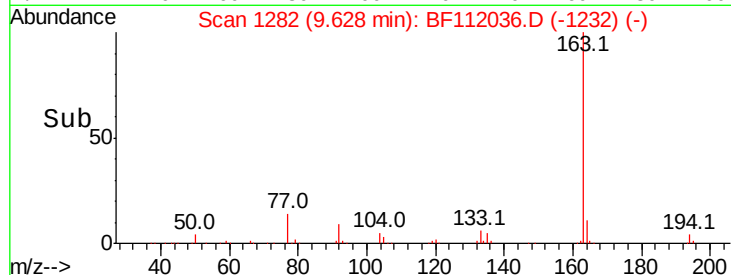
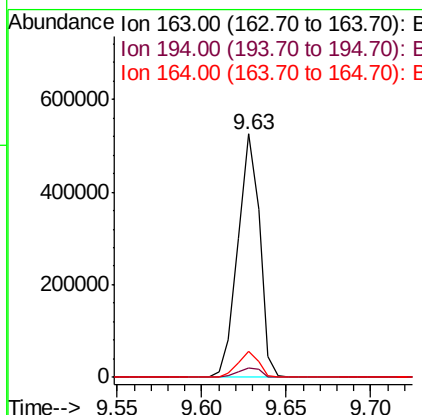
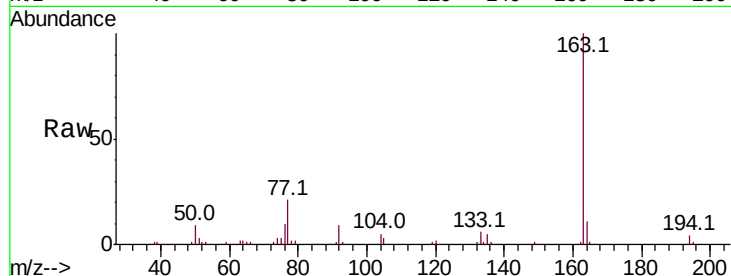




#50
Dimethylphthalate
Concen: 43.534 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

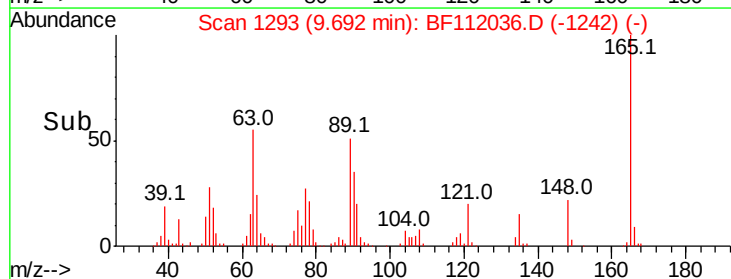
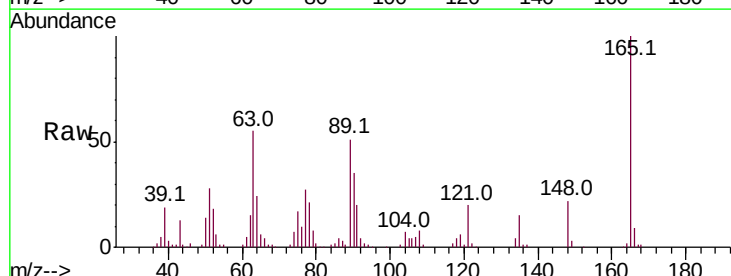
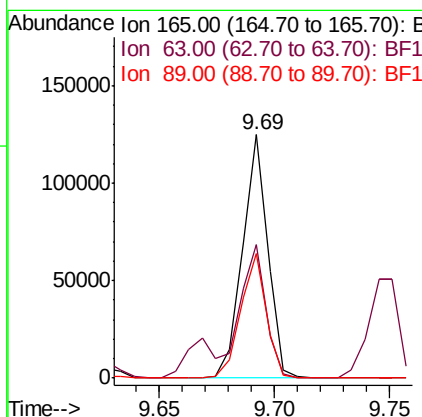
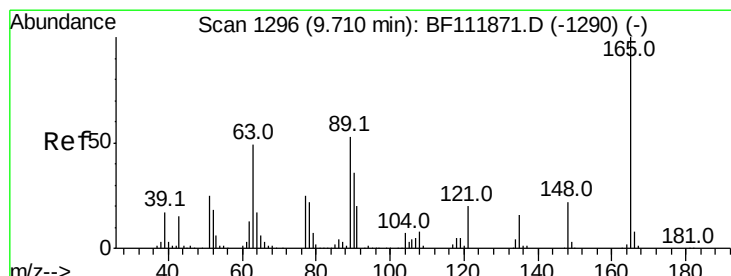
Instrument :
BNA_F
ClientSampleId :

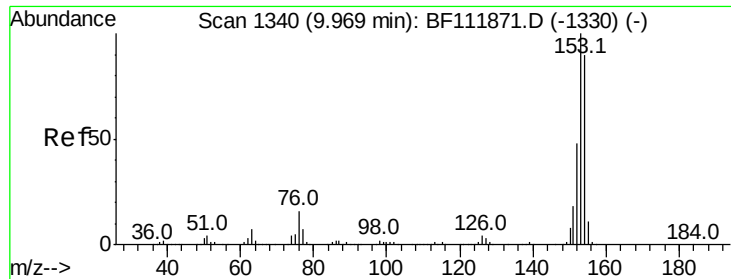
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.7	8.5	12.7



#51
2,6-Dinitrotoluene
Concen: 39.340 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	46.2	69.2
89	51.2	42.2	63.2





#52

Acenaphthene

Concen: 38.612 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampled :

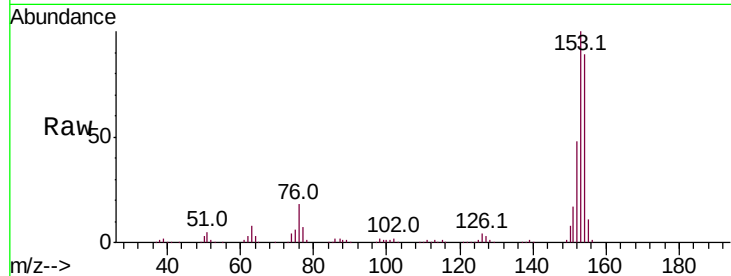
Tot Ion:154 Resp: 348415

Ion Ratio Lower Upper

154 100

153 112.7 89.4 134.0

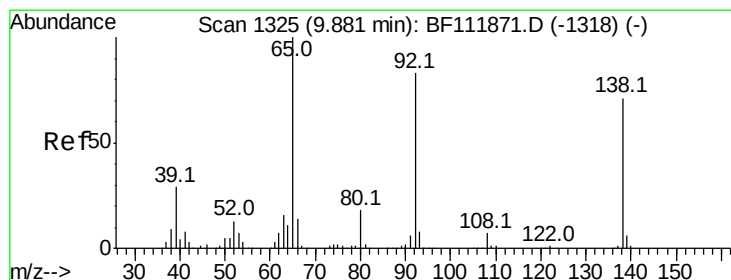
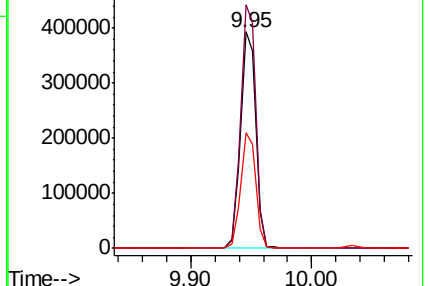
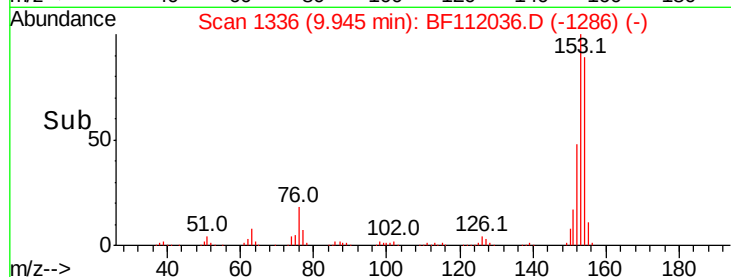
152 53.6 43.1 64.7



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: 44.826 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

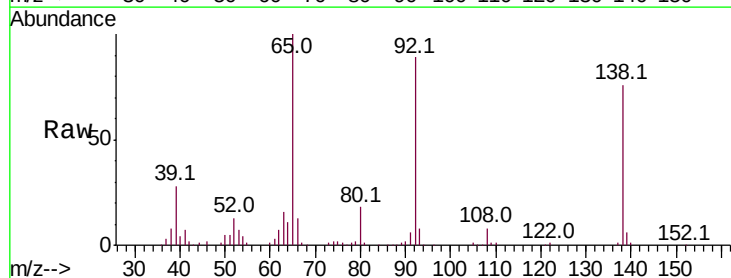
Tgt Ion:138 Resp: 116292

Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.4

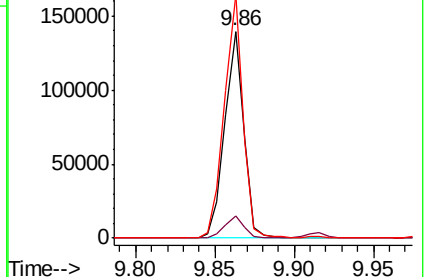
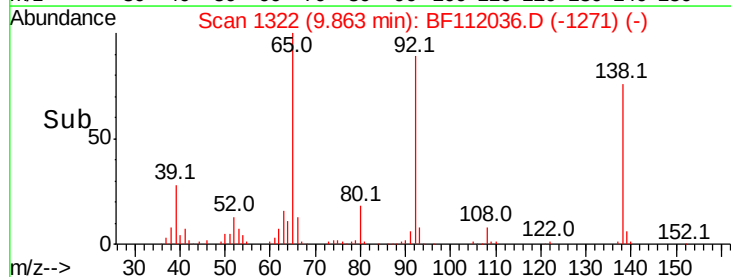
92 117.7 93.5 140.3

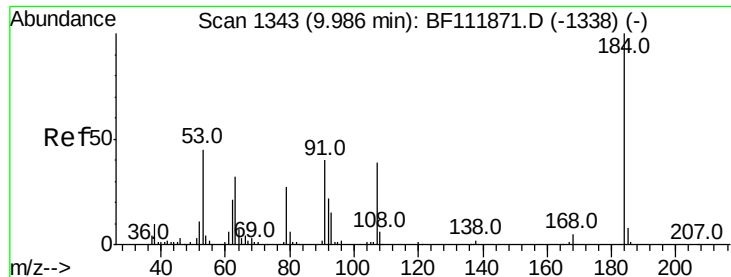


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

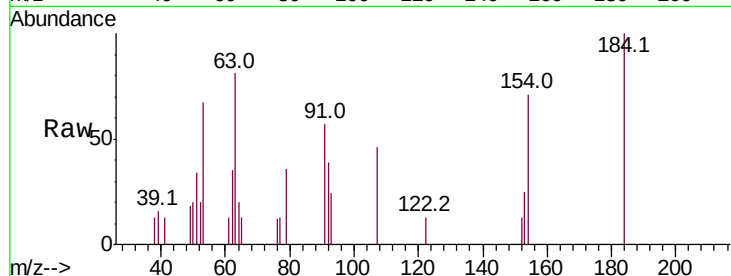




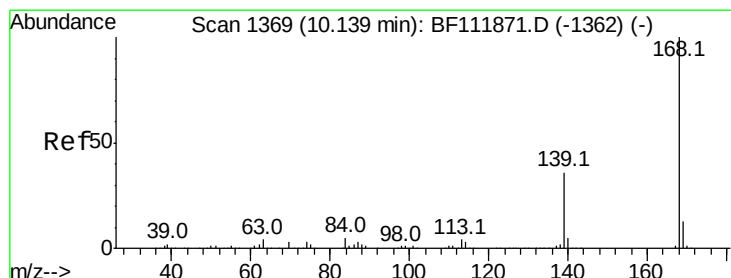
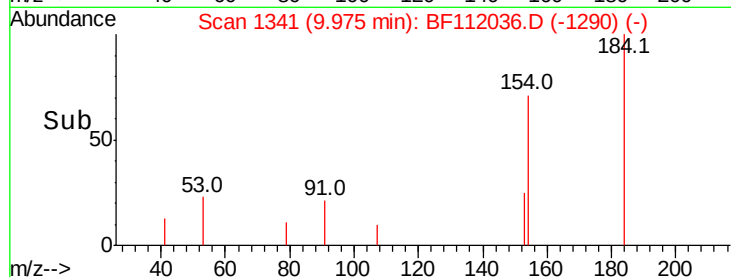
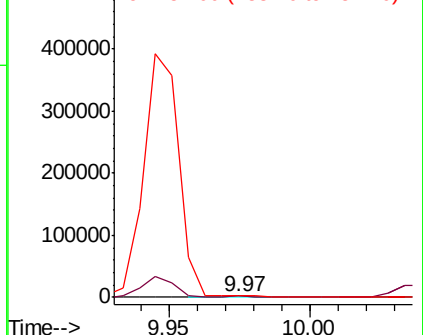
#54
2,4-Dinitrophenol
Concen: 2.645 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2713
Ion Ratio Lower Upper
184 100
63 81.3 46.9 70.3#
154 71.3 46.9 70.3#

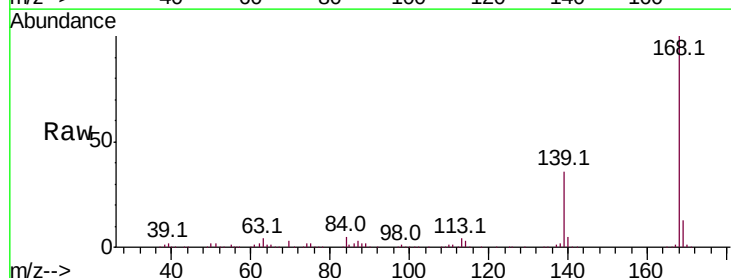


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

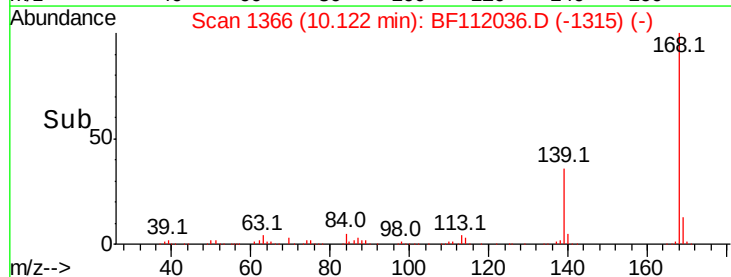
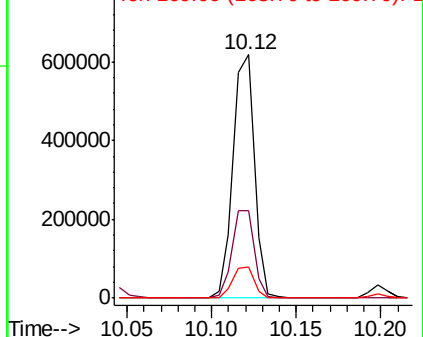


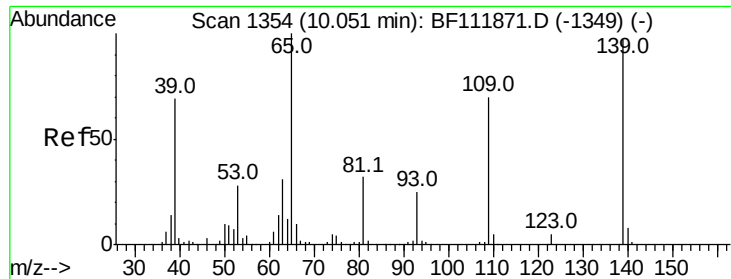
#55
Dibenzofuran
Concen: 41.468 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:168 Resp: 544181
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 12.7 10.6 16.0



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

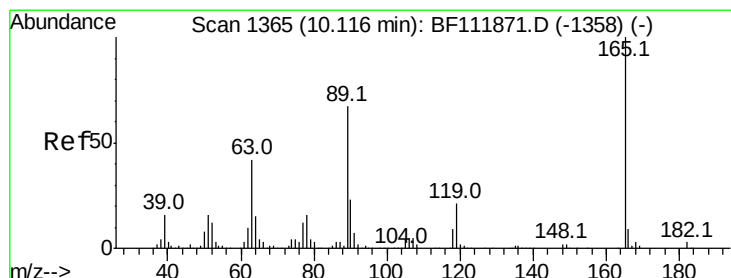
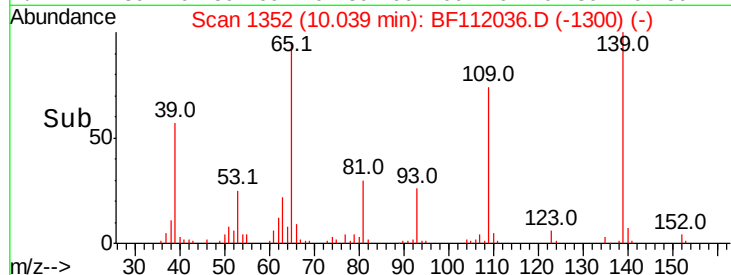
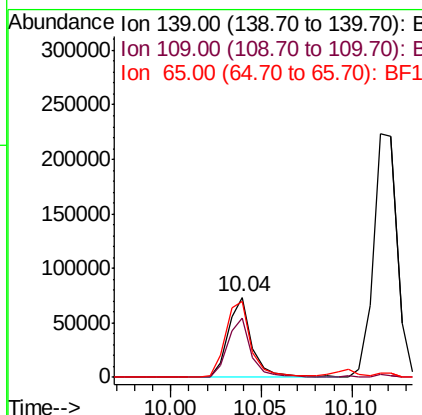
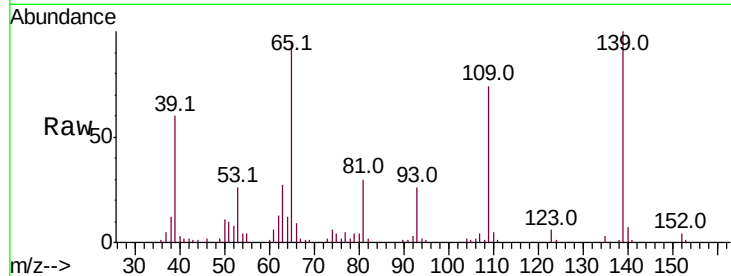




#56
4-Nitrophenol
Concen: 36.543 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

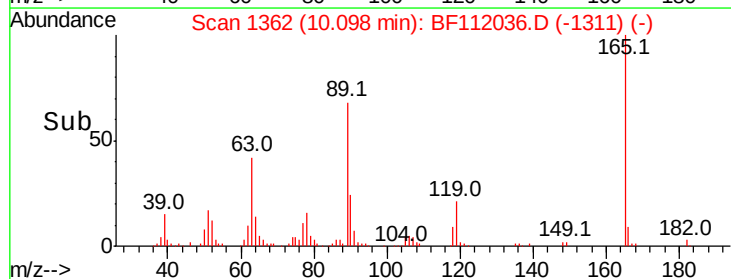
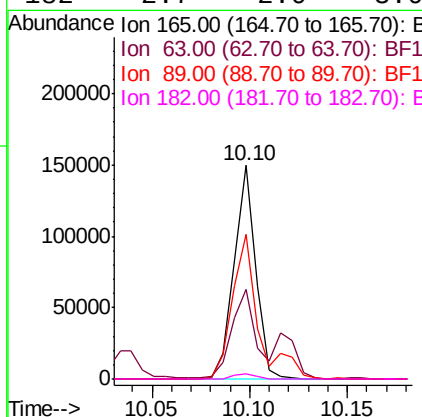
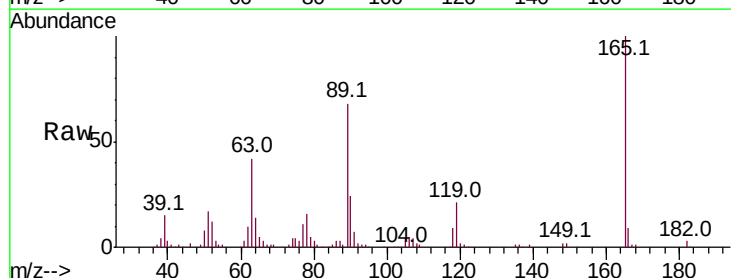
Instrument :
BNA_F
ClientSampled :

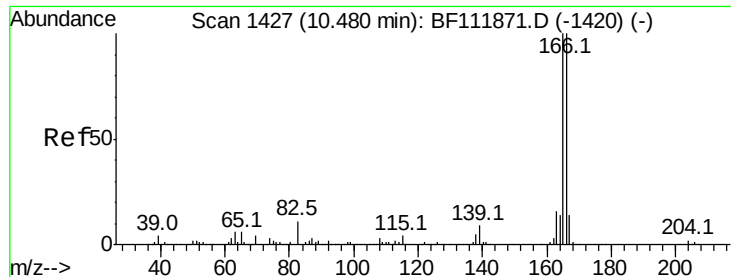
Tot Ion:139 Resp: 66986
Ion Ratio Lower Upper
139 100
109 73.7 52.2 92.2
65 95.2 83.1 123.1



#57
2,4-Dinitrotoluene
Concen: 36.871 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:165 Resp: 115415
Ion Ratio Lower Upper
165 100
63 42.1 34.1 51.1
89 67.7 53.5 80.3
182 2.7 2.0 3.0

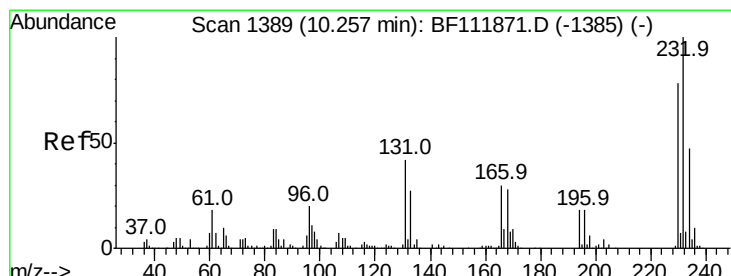
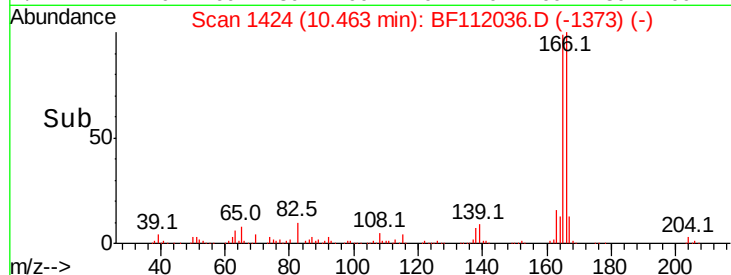
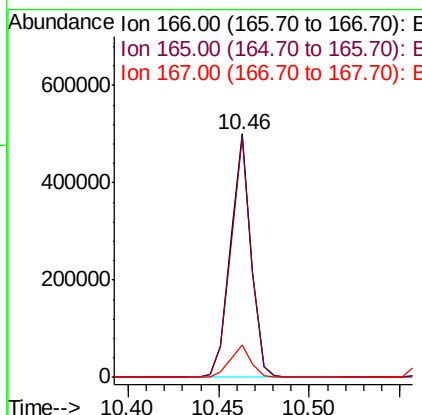
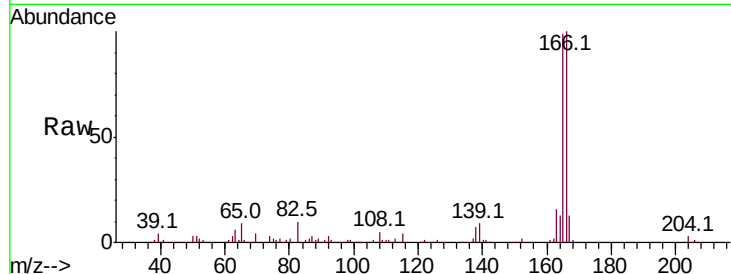




#58
 Fluorene
 Concen: 41.301 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

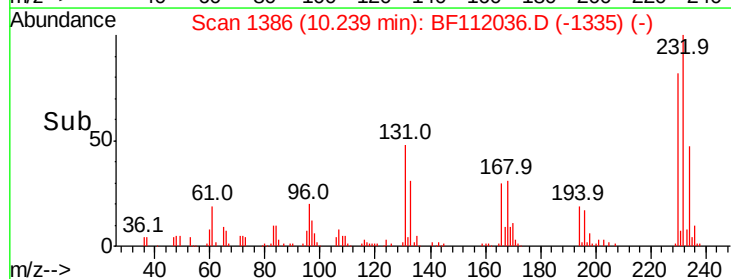
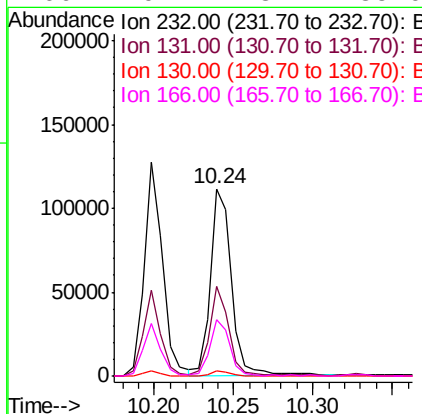
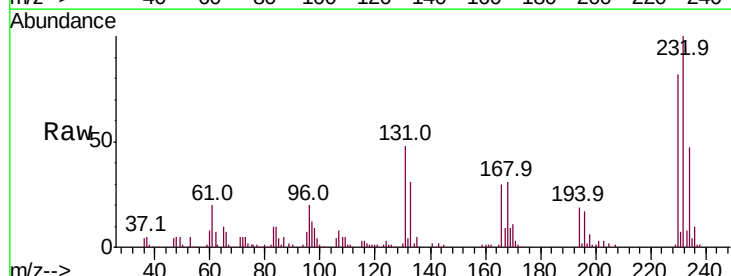
Instrument :
 BNA_F
 ClientSampleId :

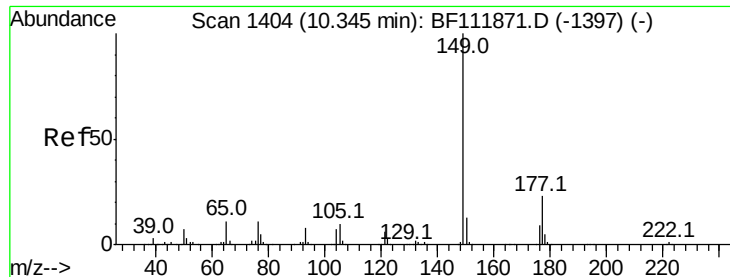
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.7	119.5
167	13.3	11.1	16.7



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.346 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.0	51.0
130	2.2	1.6	2.4
166	29.4	23.4	35.0

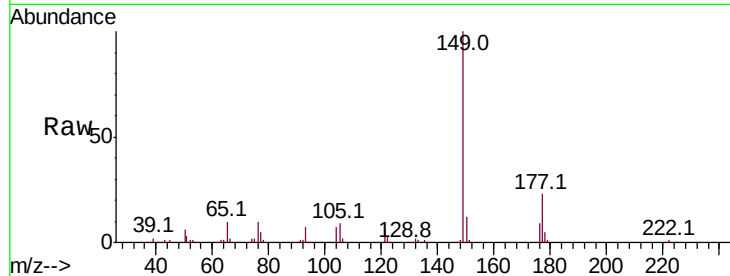




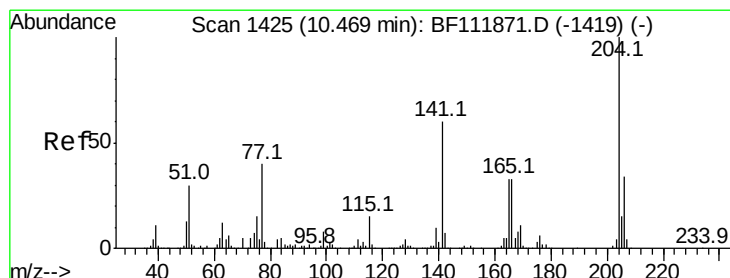
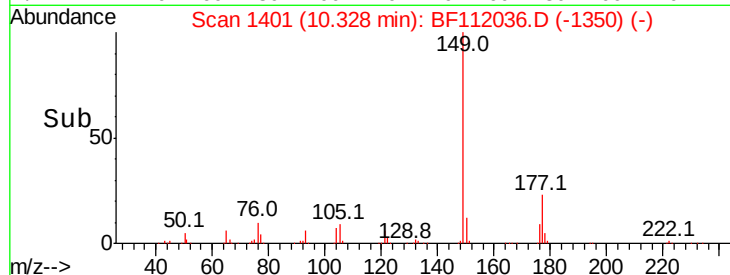
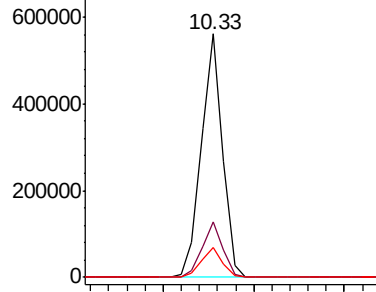
#60
Diethylphthalate
Concen: 43.347 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.2	10.2	15.4

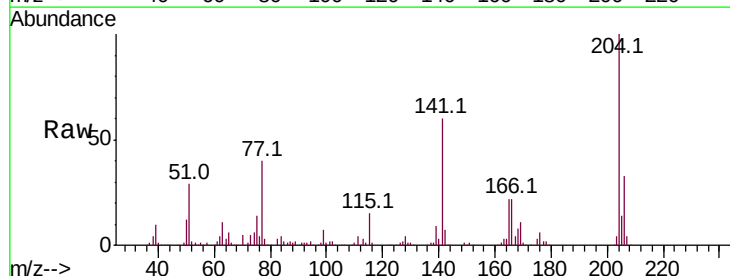


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

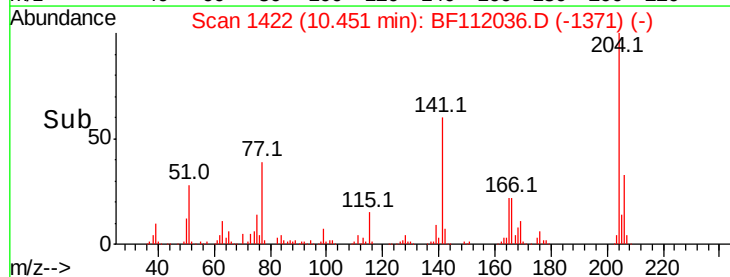
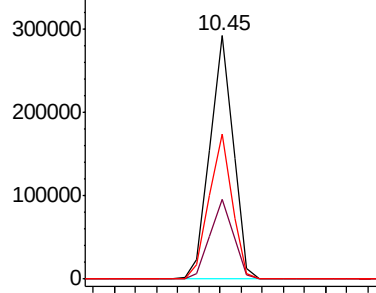


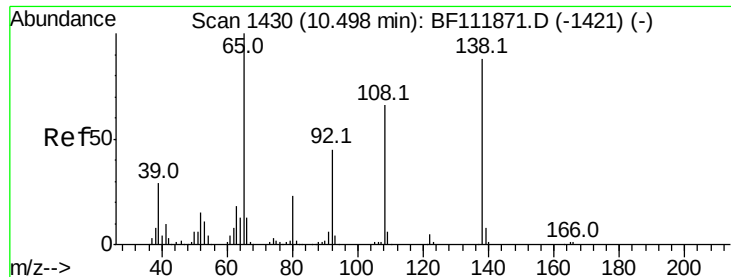
#61
4-Chlorophenyl-phenylether
Concen: 41.604 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.9	40.3
141	59.6	47.9	71.9



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





#62

4-Nitroaniline

Concen: 48.207 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

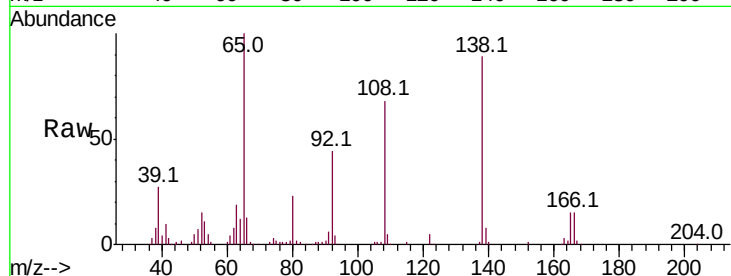
Tot Ion:138 Resp: 118622

Ion Ratio Lower Upper

138 100

92 49.1 31.0 71.0

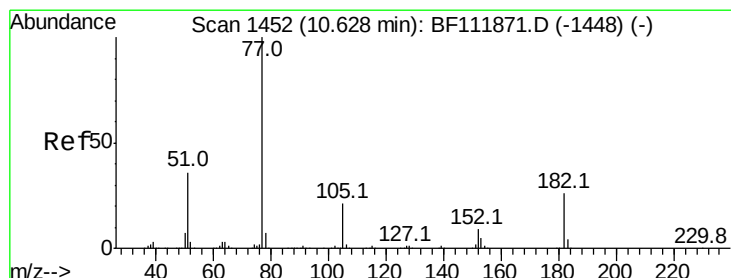
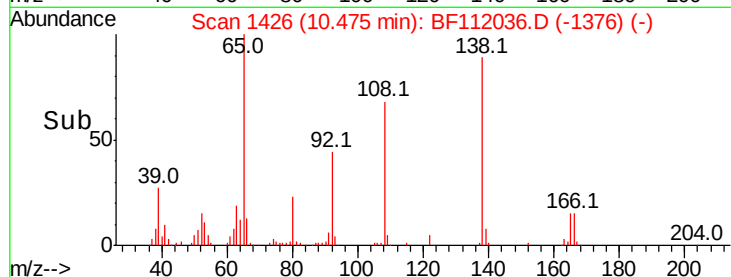
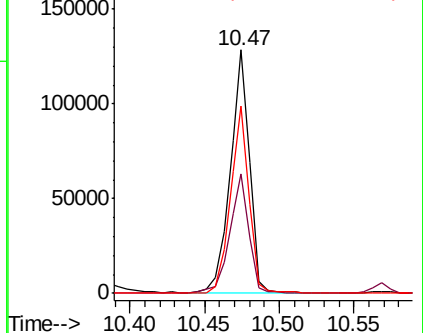
108 77.0 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 41.095 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion: 77 Resp: 411565

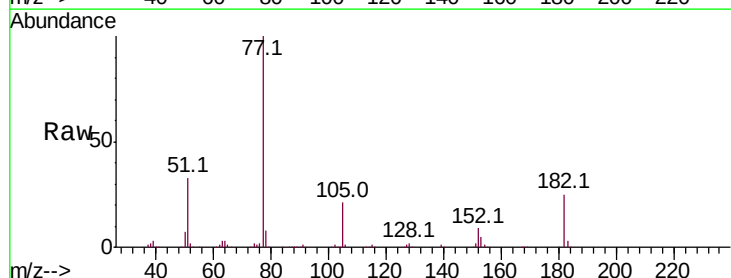
Ion Ratio Lower Upper

77 100

182 24.9 5.7 45.7

105 20.6 0.8 40.8

51 32.7 15.6 55.6

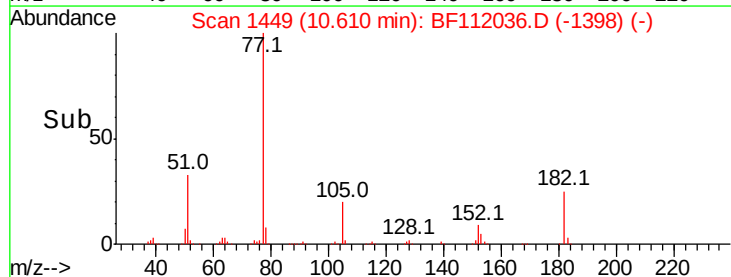
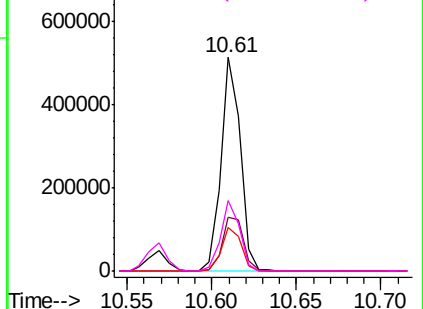


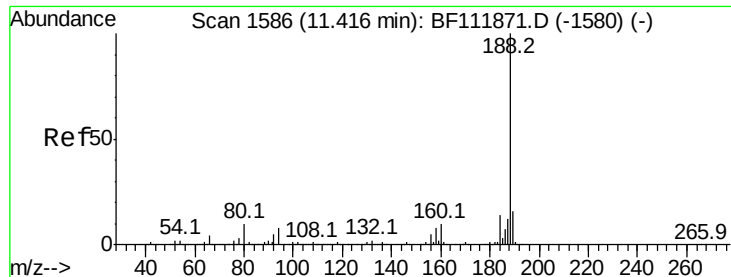
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

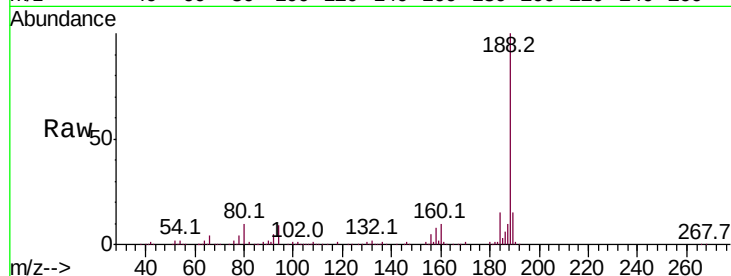




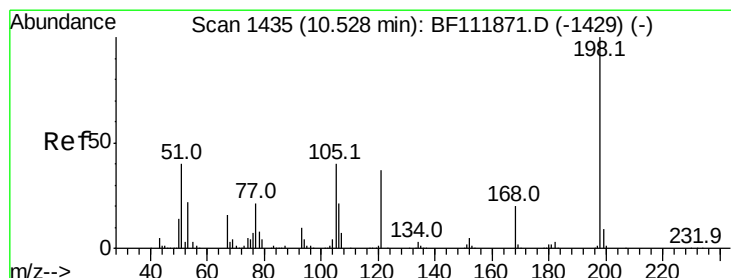
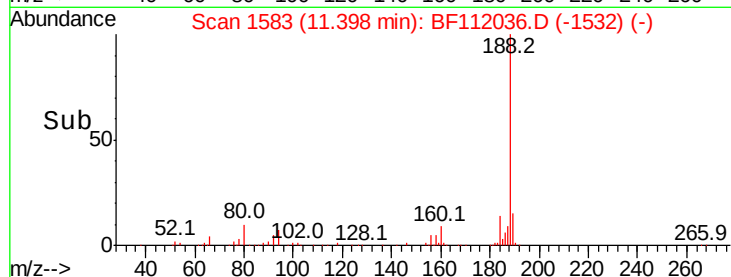
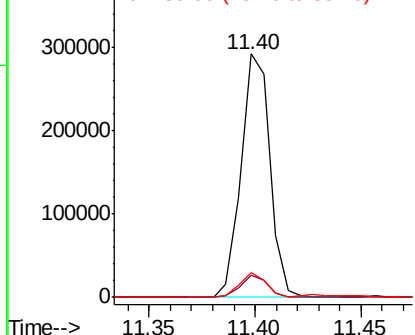
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 274554
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.2 7.7 11.5

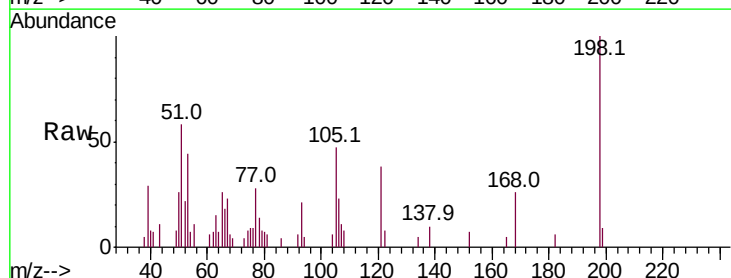


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

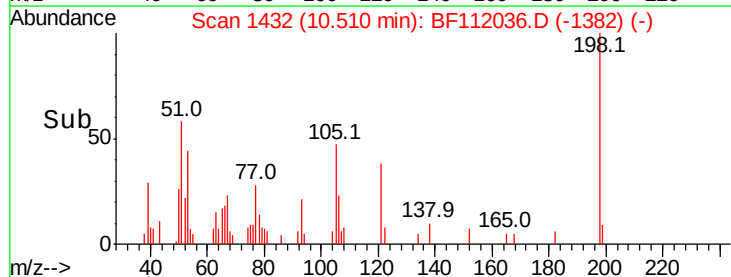
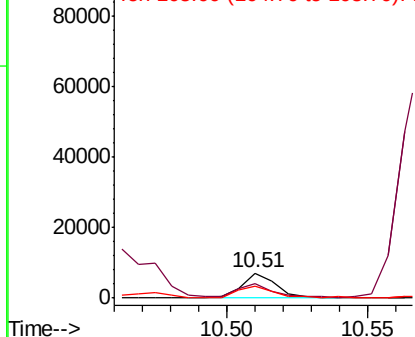


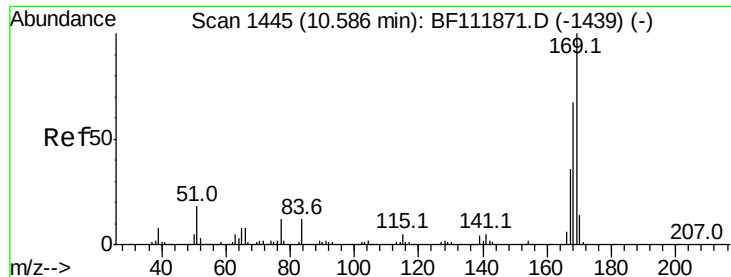
#65
4,6-Dinitro-2-methylphenol
Concen: 3.433 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:198 Resp: 5816
Ion Ratio Lower Upper
198 100
51 57.5 27.2 67.2
105 47.5 21.0 61.0



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

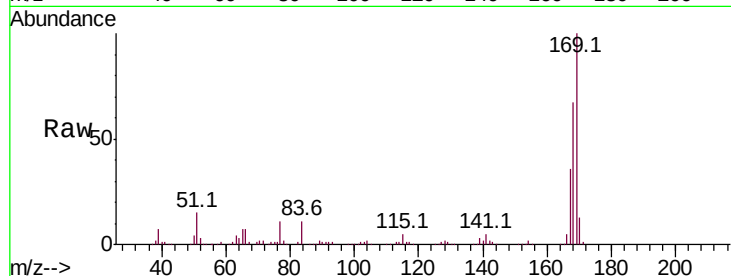




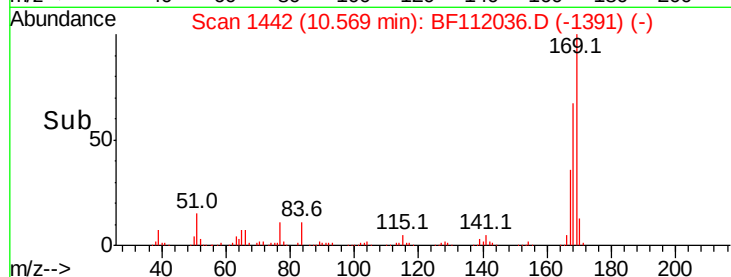
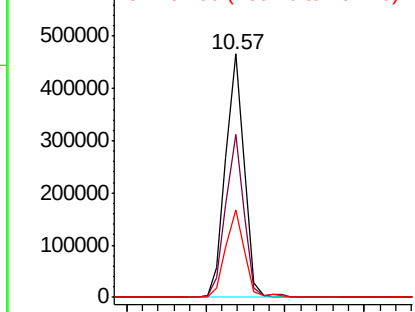
#66
 n-Nitrosodiphenylamine
 Concen: 41.178 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 379392
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.6
 167 35.7 29.1 43.7

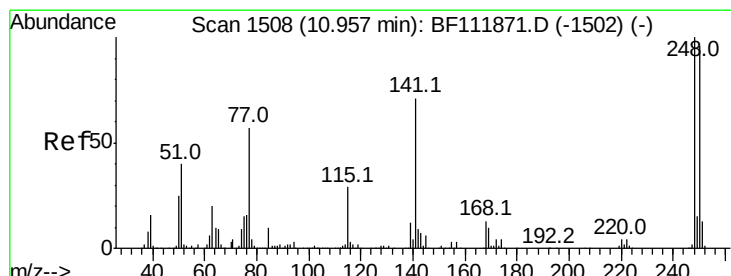


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

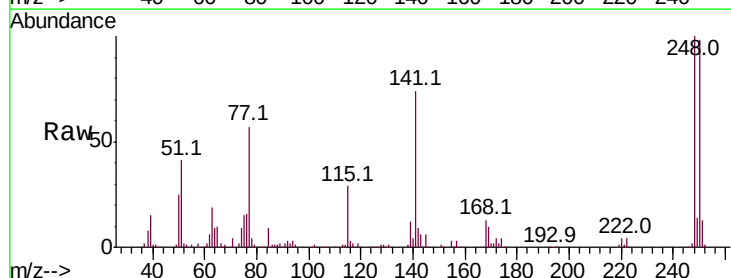
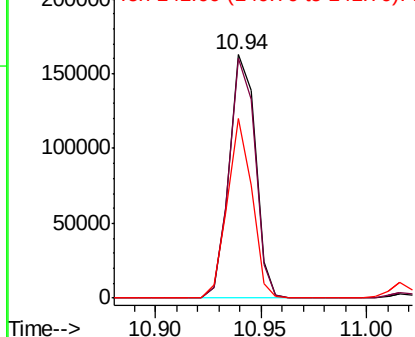


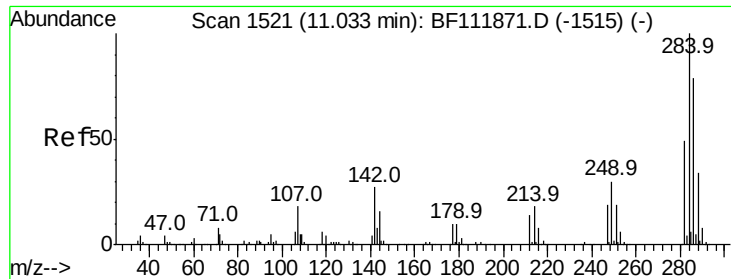
#67
 4-Bromophenyl-phenylether
 Concen: 39.254 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:248 Resp: 139592
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 74.0 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

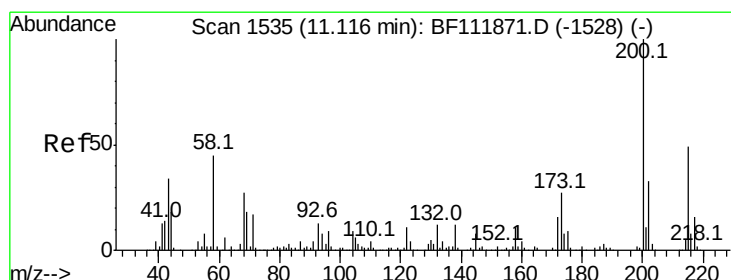
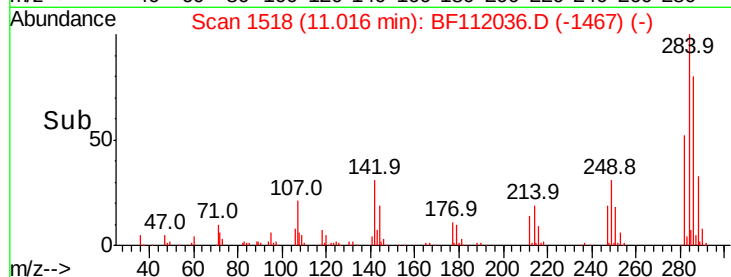
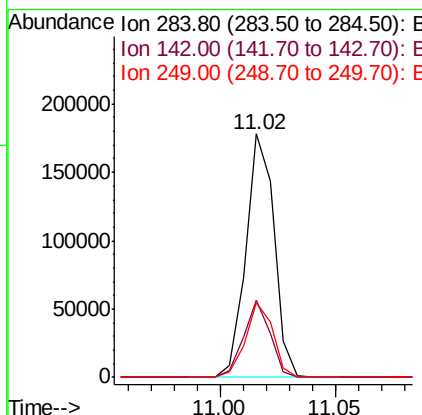
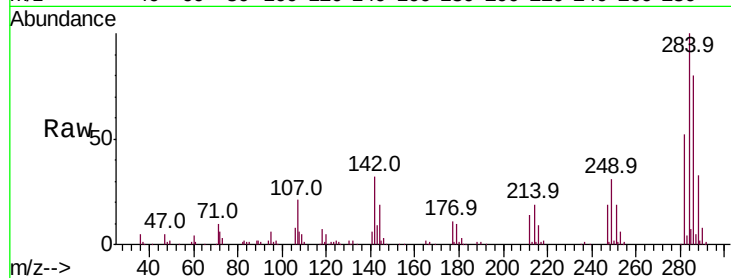




#68
Hexachlorobenzene
Concen: 38.682 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

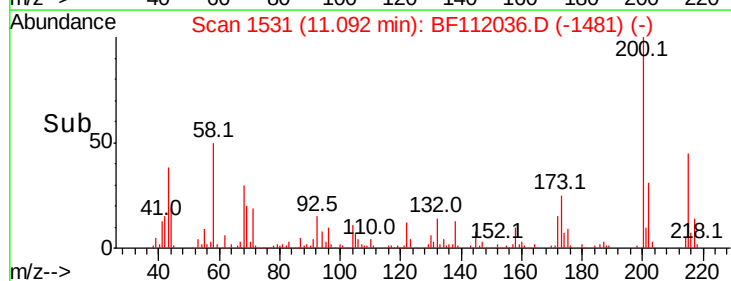
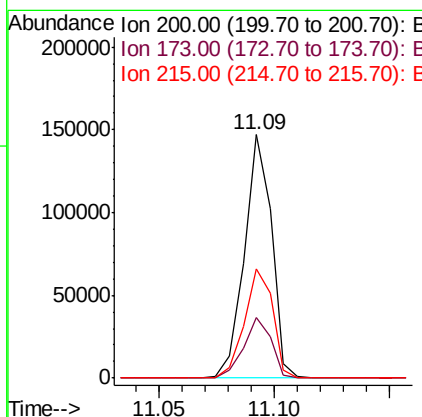
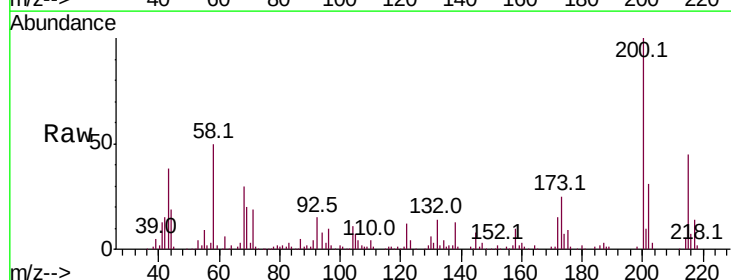
Instrument :
BNA_F
ClientSampled :

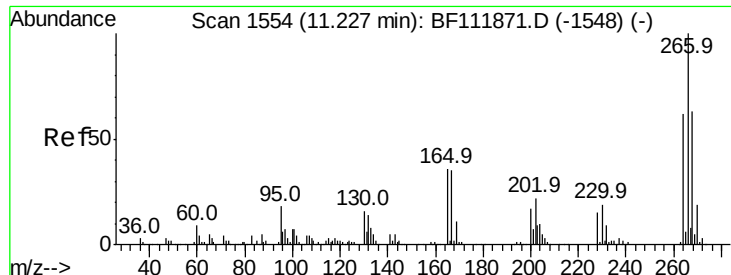
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	21.8	32.6
249	30.8	23.8	35.6



#69
Atrazine
Concen: 37.428 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.6	46.6
215	45.0	28.9	68.9

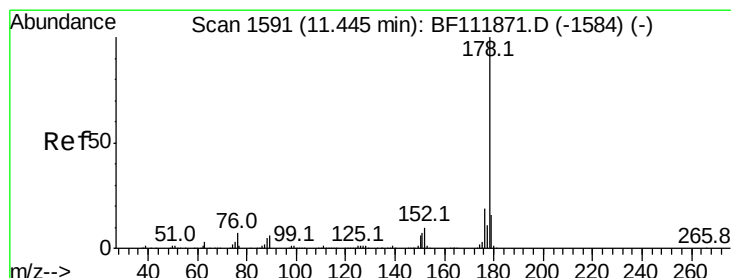
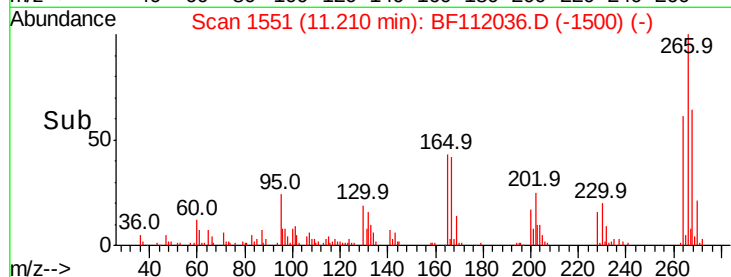
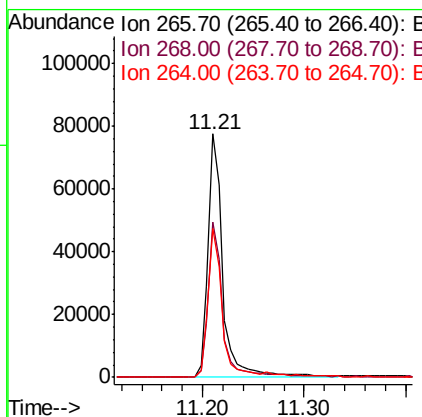
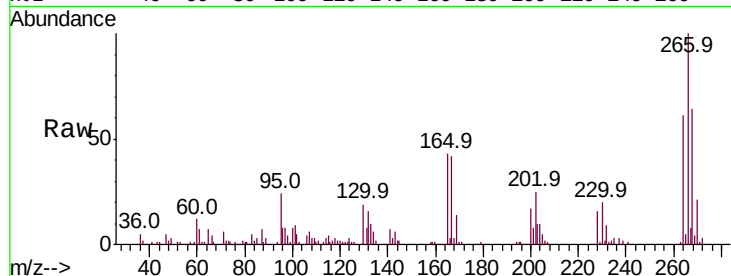




#70
 Pentachlorophenol
 Concen: 35.249 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

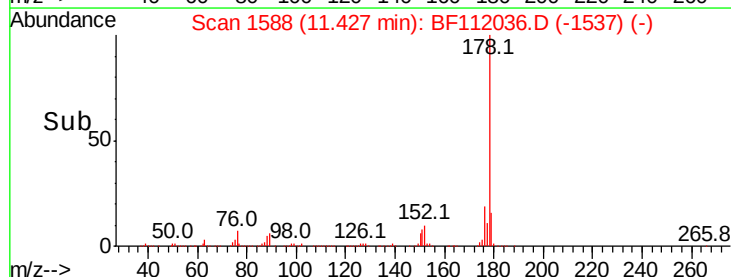
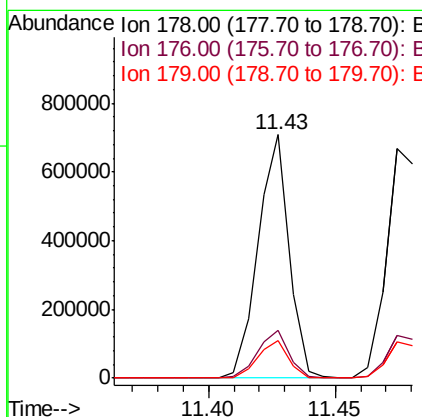
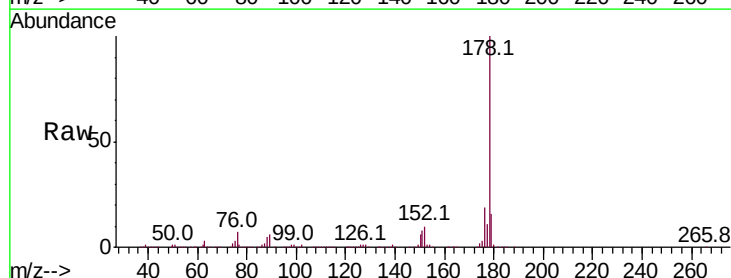
Instrument :
 BNA_F
 ClientSampled :

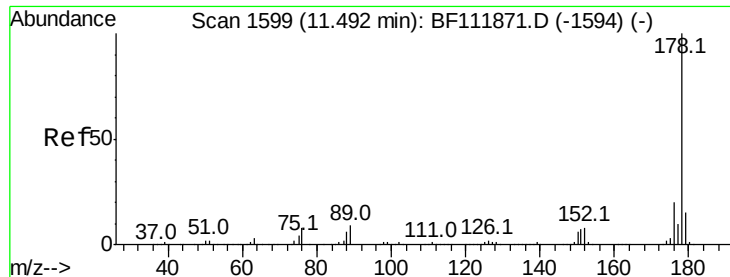
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.6	76.0
264	61.3	49.3	73.9



#71
 Phenanthrene
 Concen: 40.959 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.6	18.8





#72

Anthracene

Concen: 41.071 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

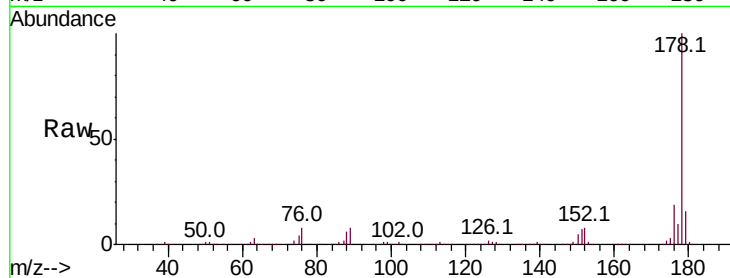
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 612002

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.5	12.4	18.6

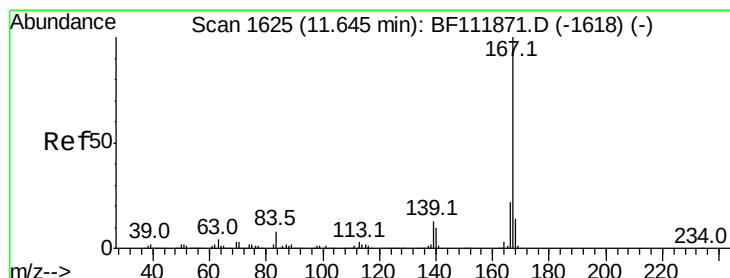
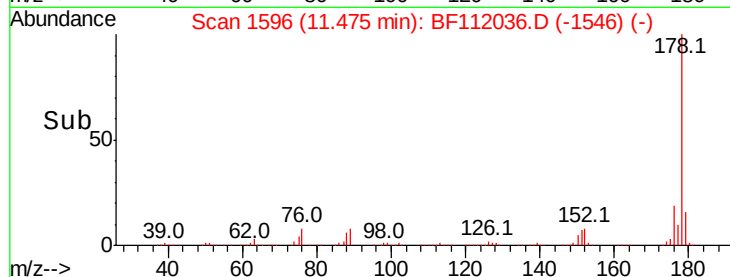
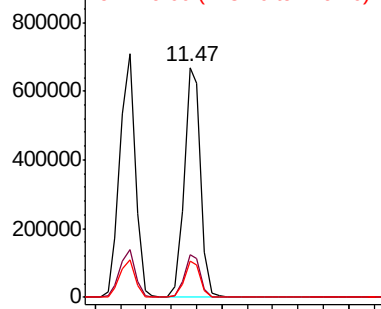


Abundance

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: 41.378 ng

RT: 11.63 min Scan# 1623

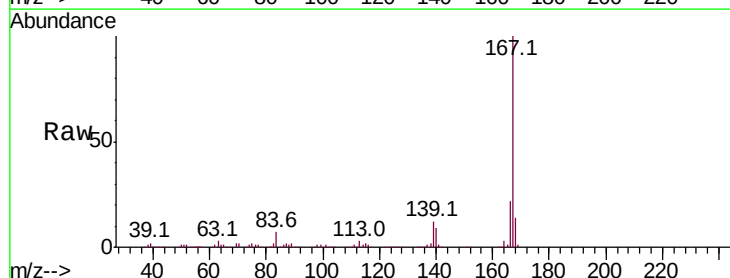
Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:167 Resp: 599759

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.4	10.6	16.0

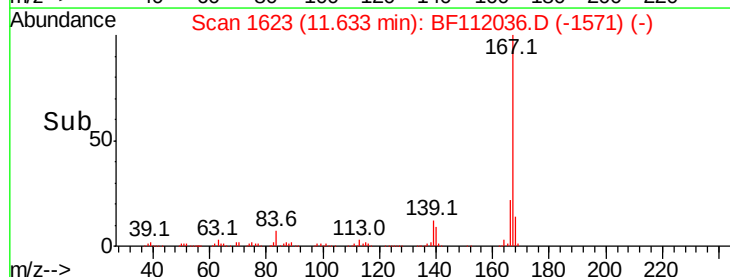
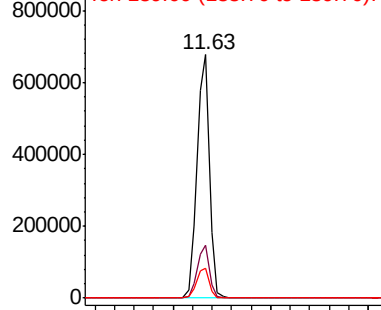


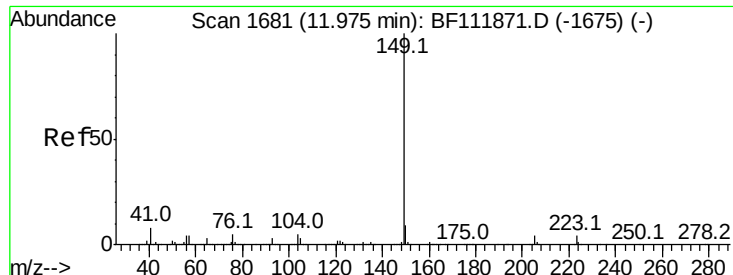
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

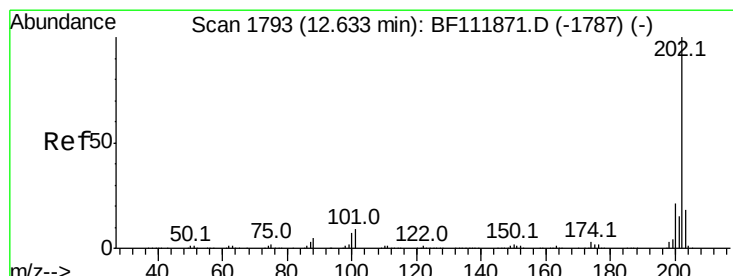
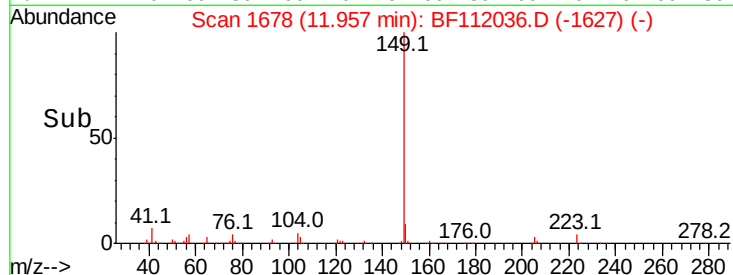
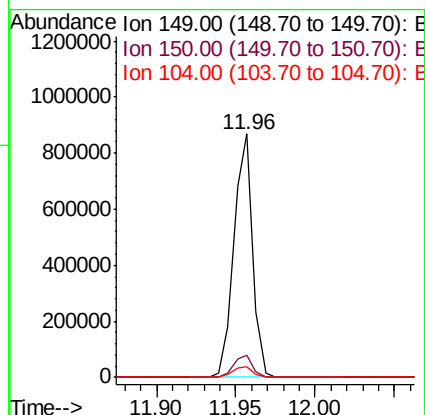
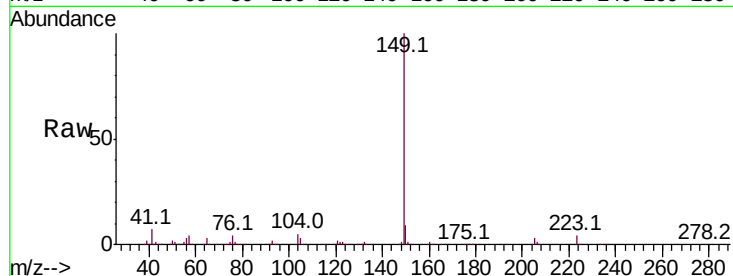




#74
Di-n-butylphthalate
Concen: 42.020 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

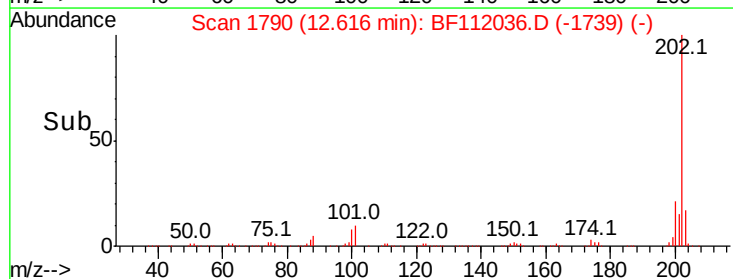
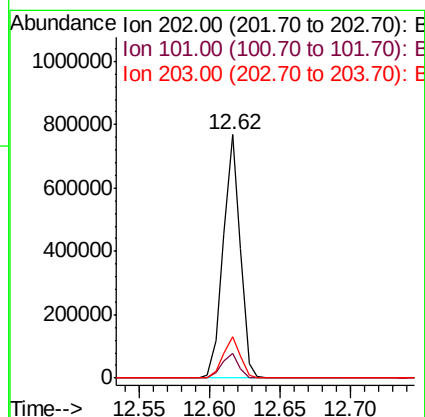
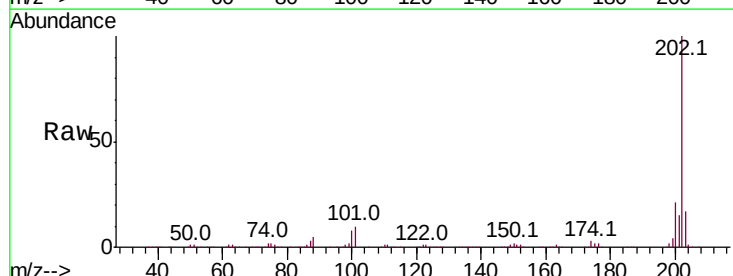
Instrument :
BNA_F
ClientSampleId :

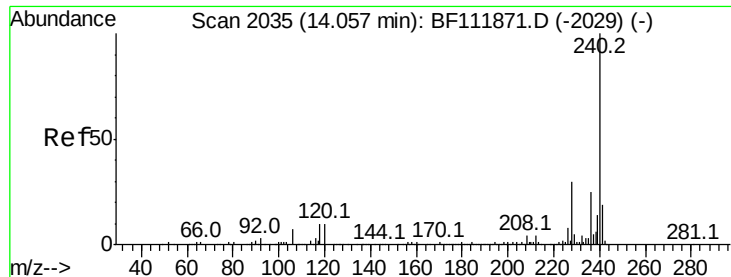
Tot Ion:149 Resp: 707469
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 3.9 5.9



#75
Fluoranthene
Concen: 42.704 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:202 Resp: 643518
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.1 0.0 37.6

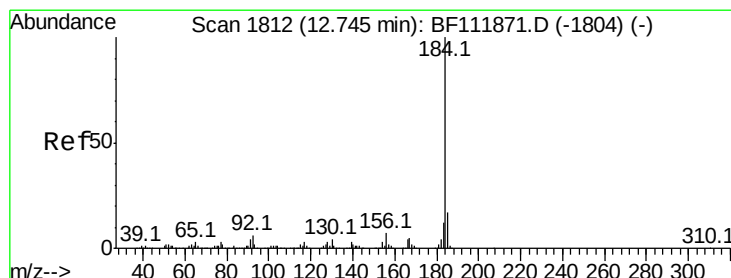
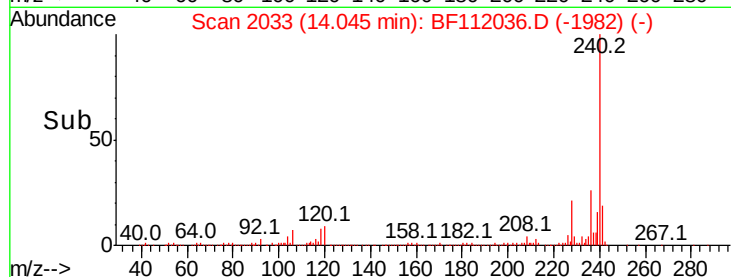
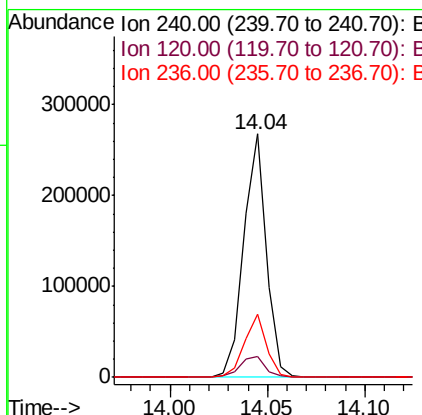
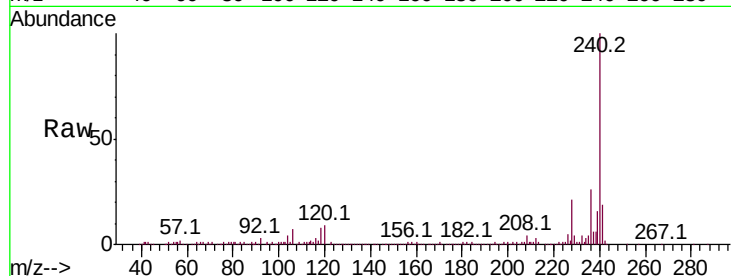




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

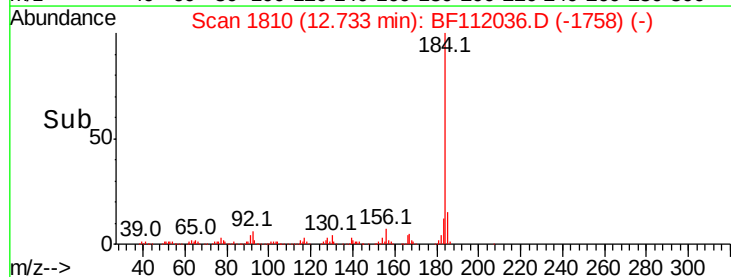
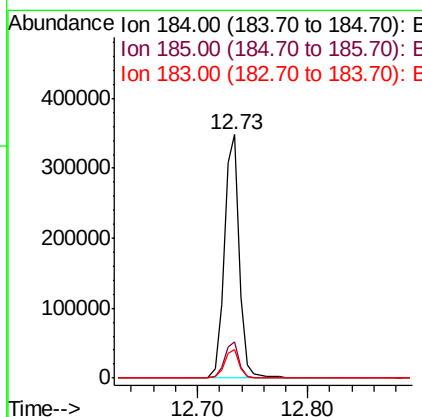
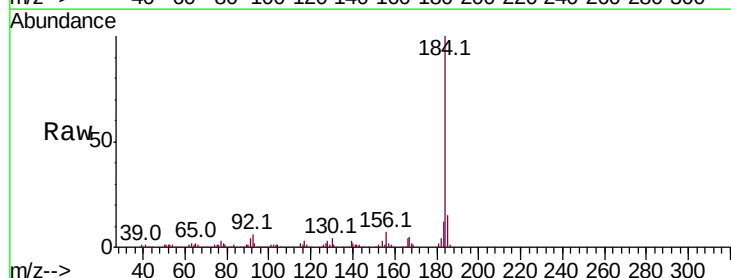
Instrument :
 BNA_F
 ClientSampleId :

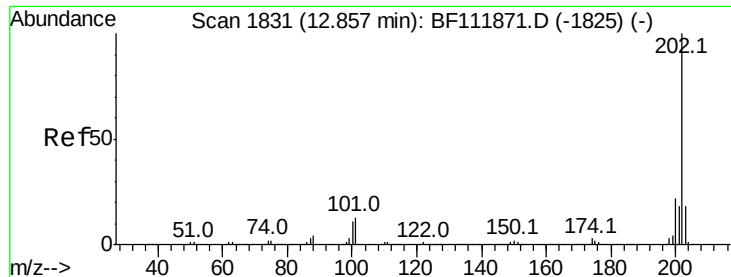
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.2	20.2	30.4



#77
 Benzidine
 Concen: 51.513 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.0
183	12.0	9.6	14.4

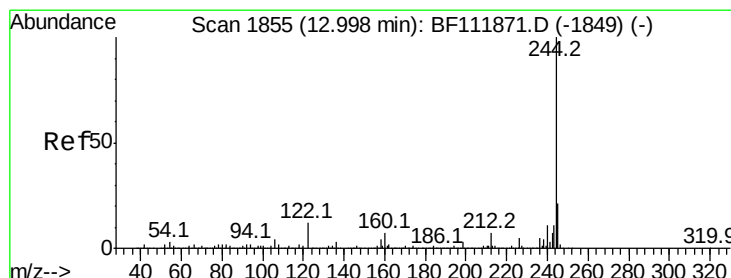
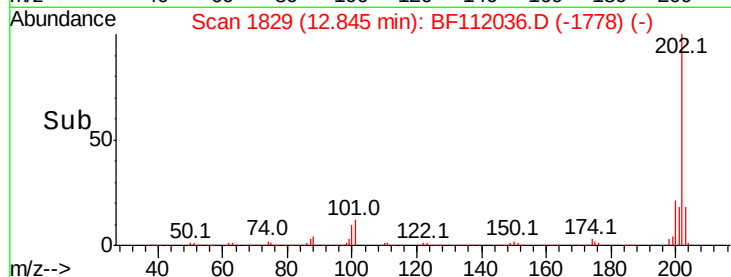
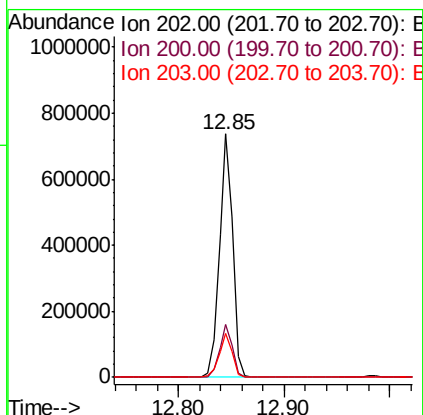
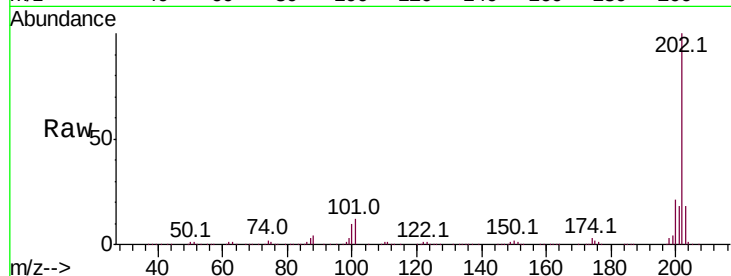




#78
Pvrene
Concen: 44.398 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

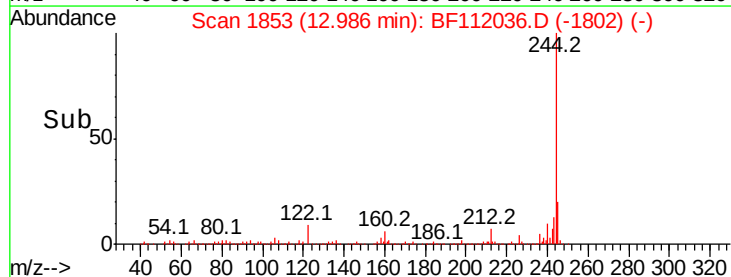
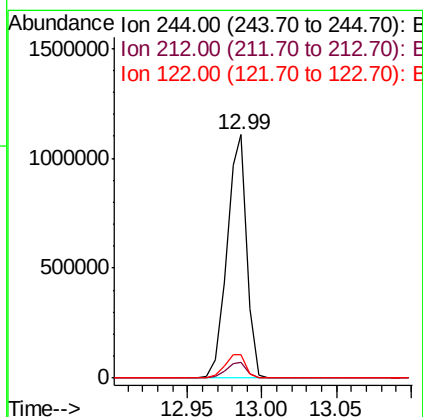
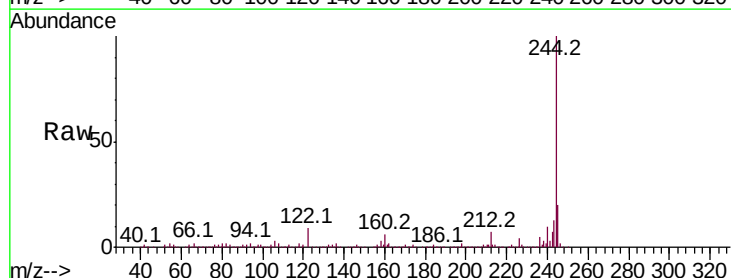
Instrument :
BNA_F
ClientSampleId :

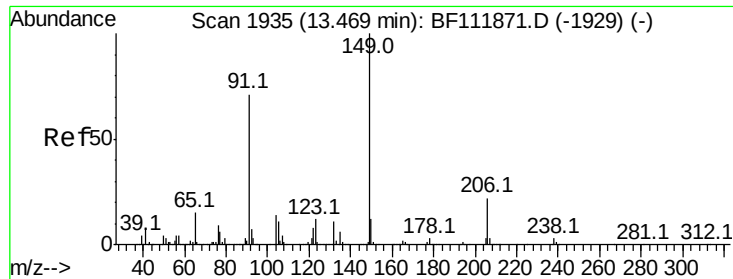
Tot Ion:202 Resp: 656664
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.9 14.6 21.8



#79
Terphenyl-d14
Concen: 91.348 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:244 Resp: 1034444
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 9.4 9.5 14.3#

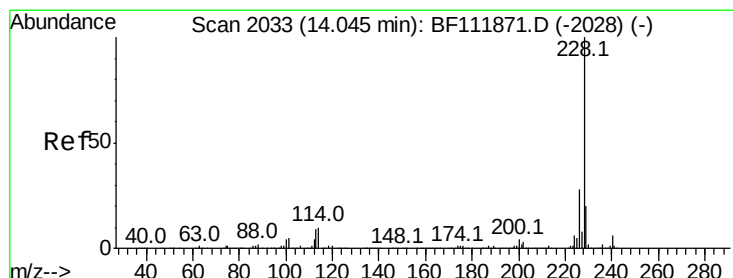
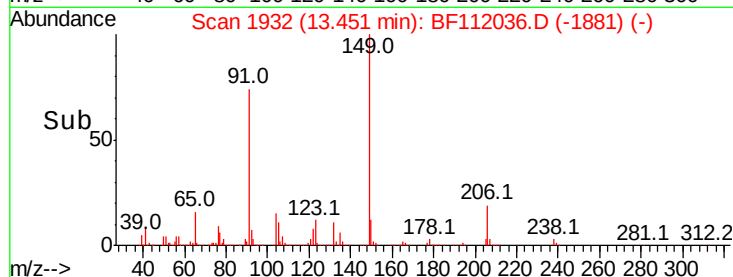
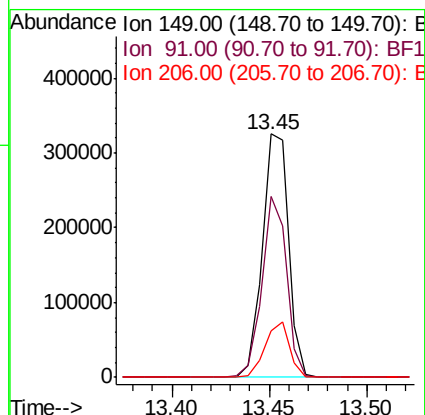
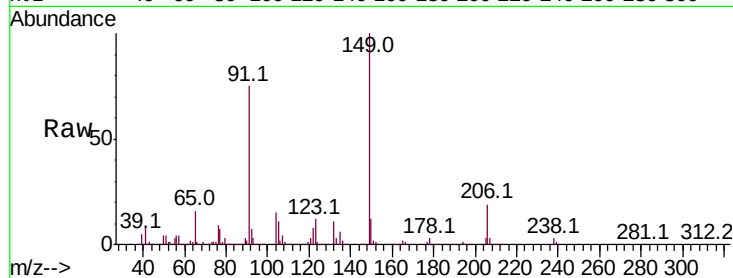




#80
Butylbenzylphthalate
Concen: 48.549 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

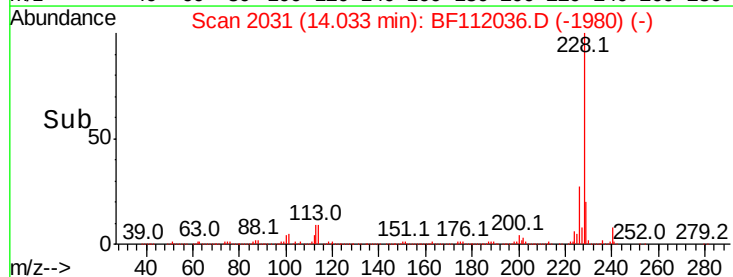
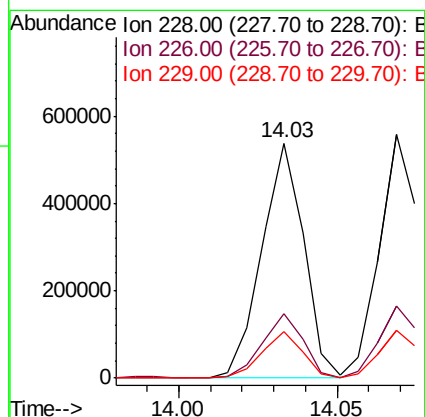
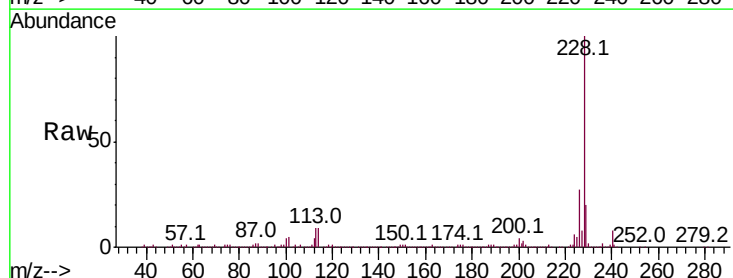
Instrument :
BNA_F
ClientSampleId :

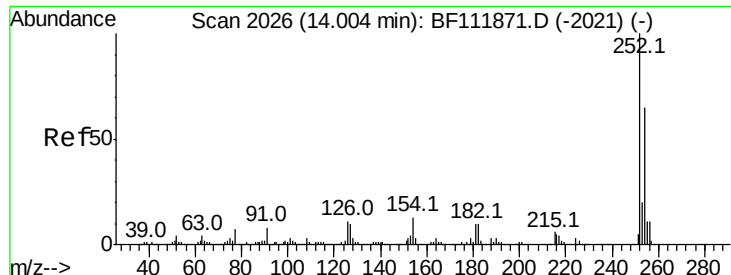
Tot Ion:149 Resp: 303573
Ion Ratio Lower Upper
149 100
91 74.6 57.2 85.8
206 19.3 17.3 25.9



#81
Benzo(a)anthracene
Concen: 40.202 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:228 Resp: 497349
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.9 16.2 24.2

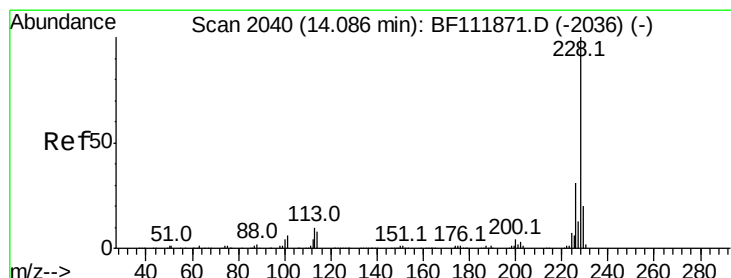
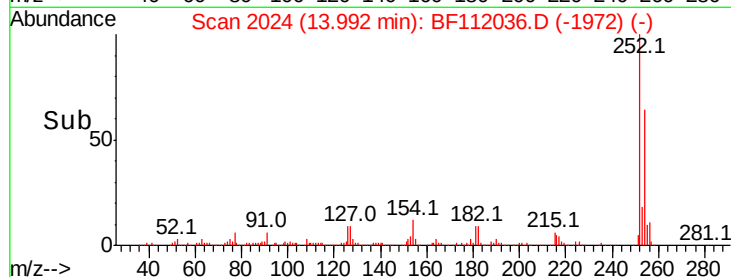
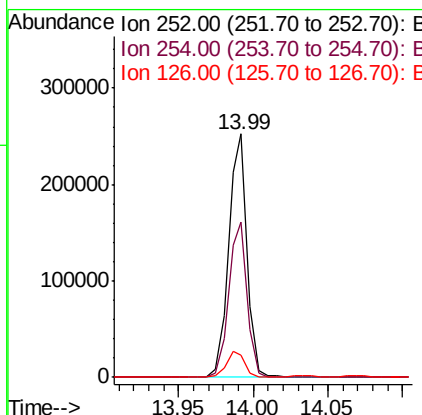
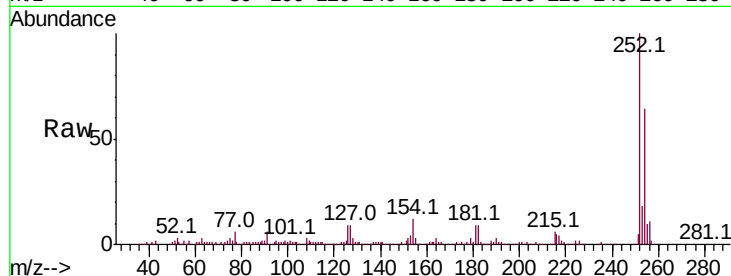




#82
 3,3'-Dichlorobenzidine
 Concen: 48.250 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

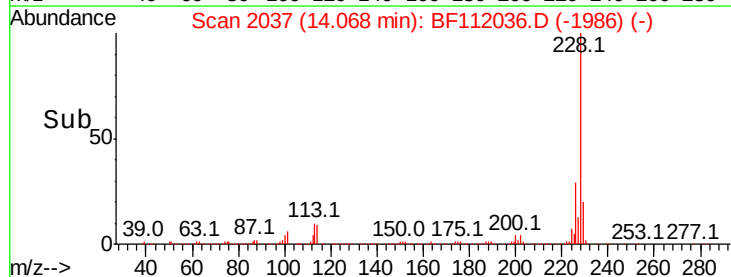
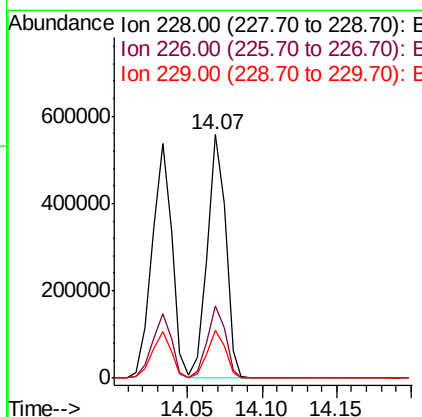
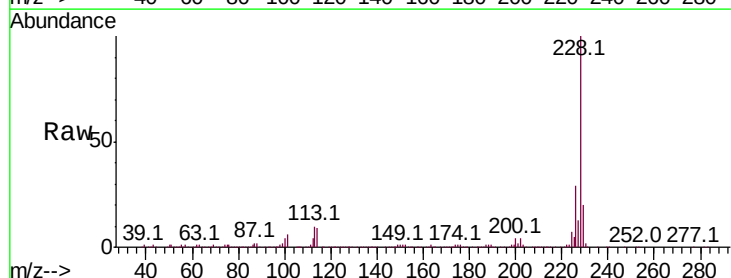
Instrument :
 BNA_F
 ClientSampleId :

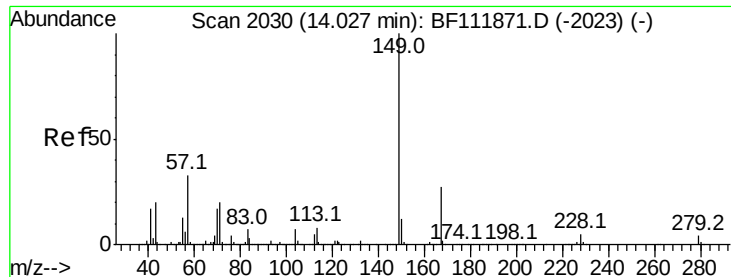
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	9.0	8.6	12.8



#83
 Chrysene
 Concen: 40.242 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.7	15.7	23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.734 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampleId :

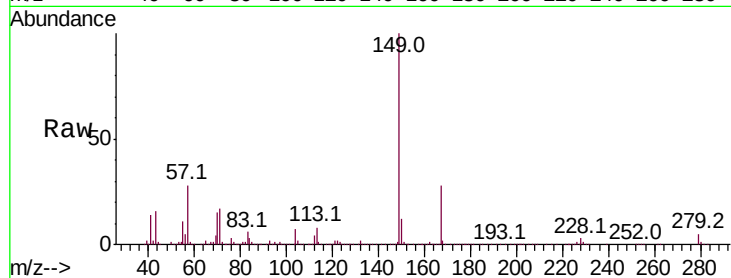
Tot Ion:149 Resp: 416622

Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

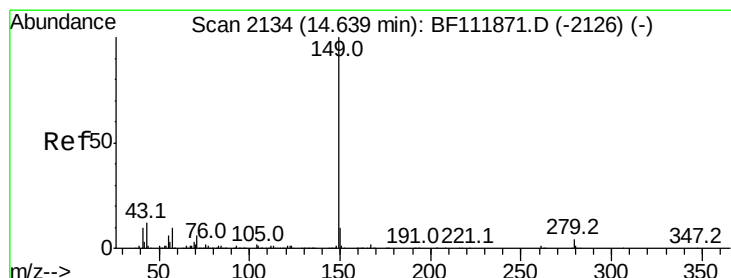
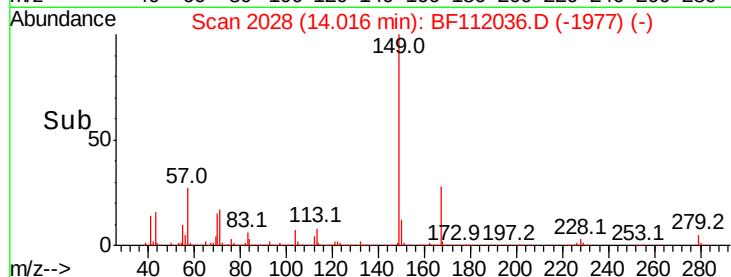
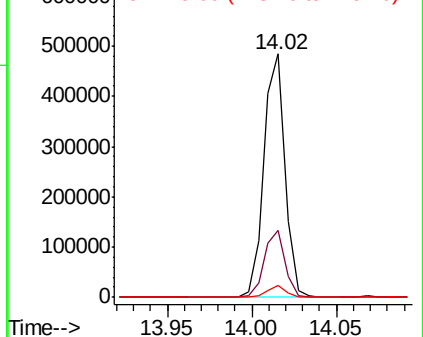
279 4.8 3.0 4.6#



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: 50.131 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

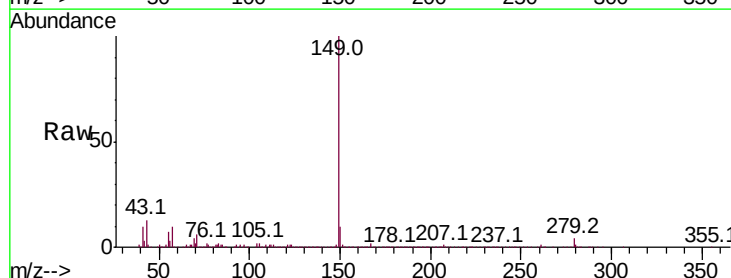
Tgt Ion:149 Resp: 589133

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

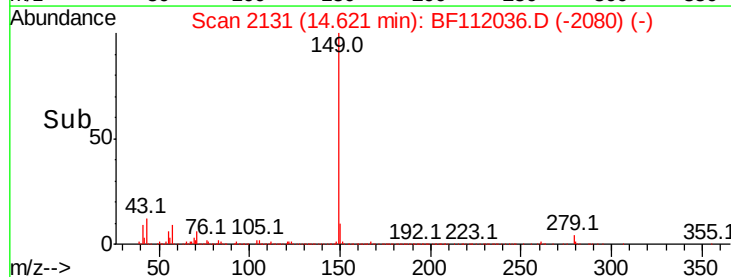
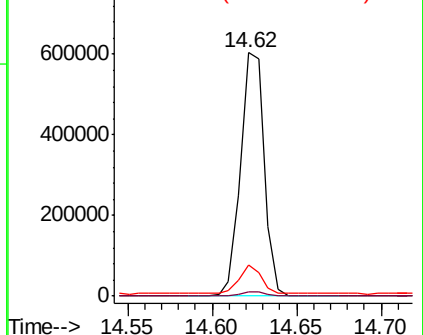
43 10.6 9.1 13.7

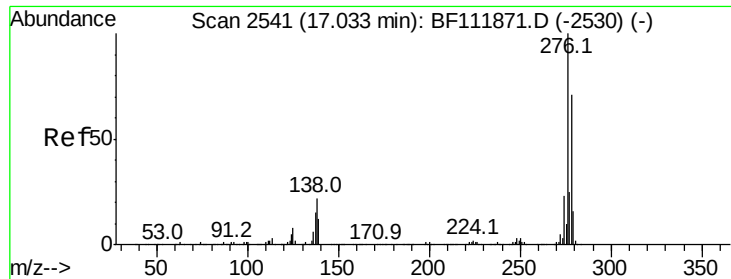


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

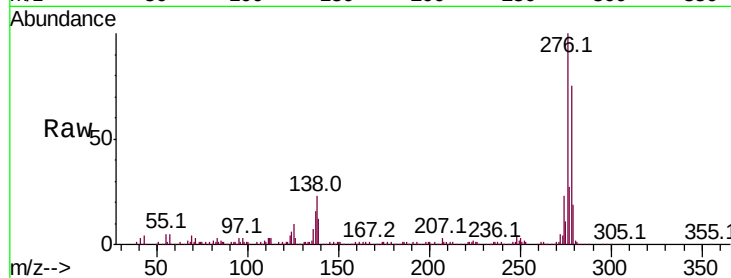




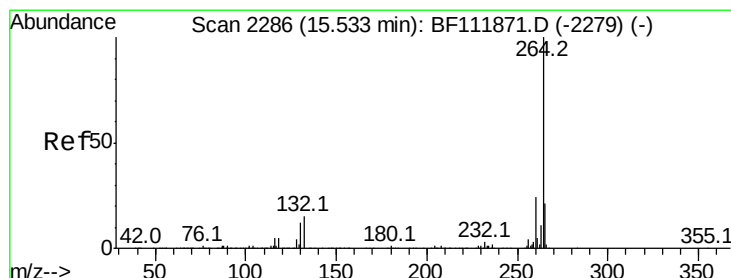
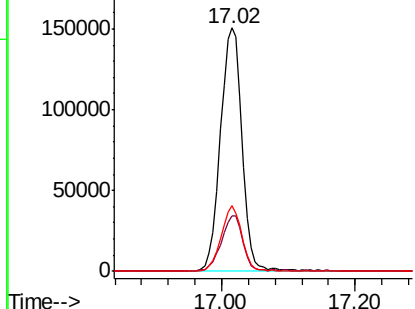
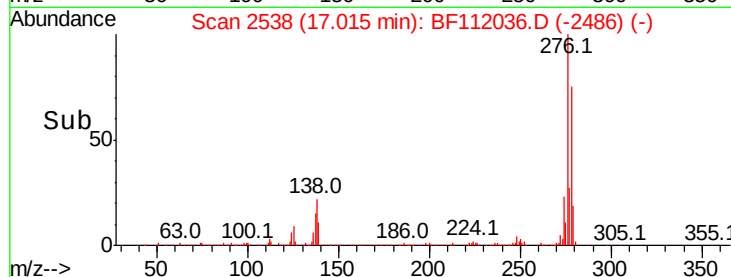
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.174 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.1	27.1
277	26.1	19.9	29.9

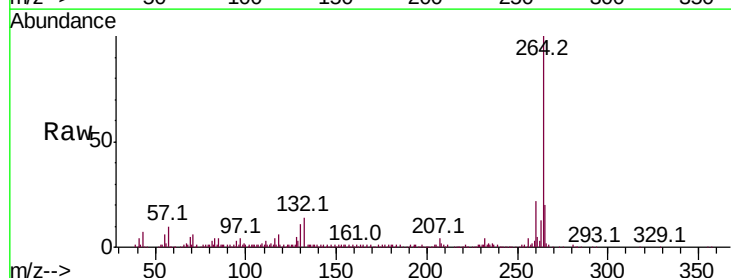


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

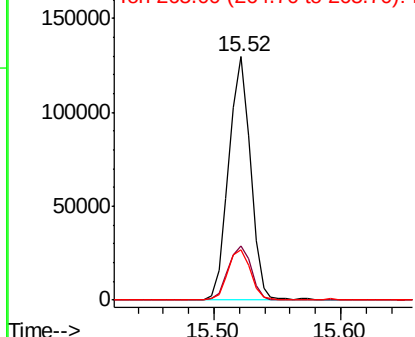
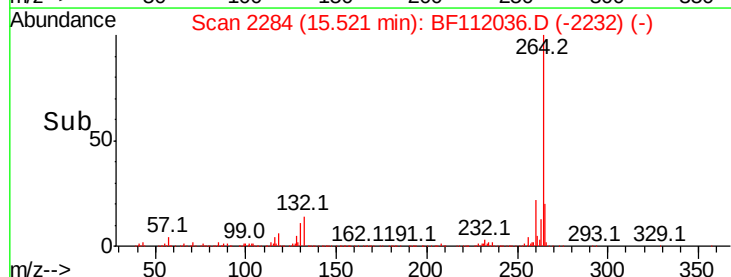


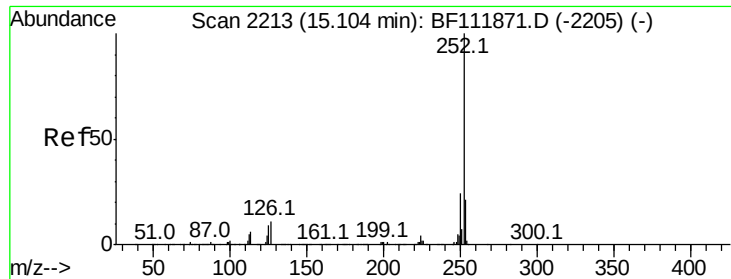
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.5	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

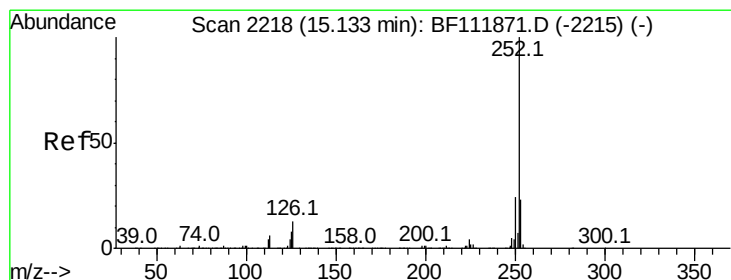
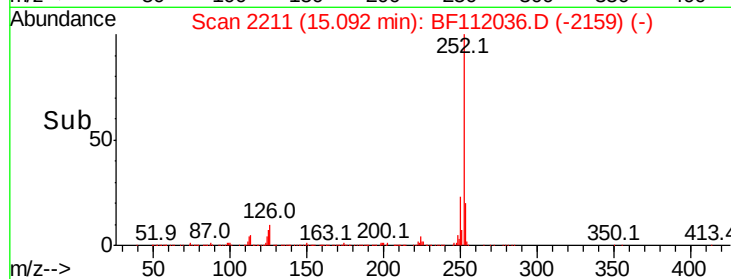
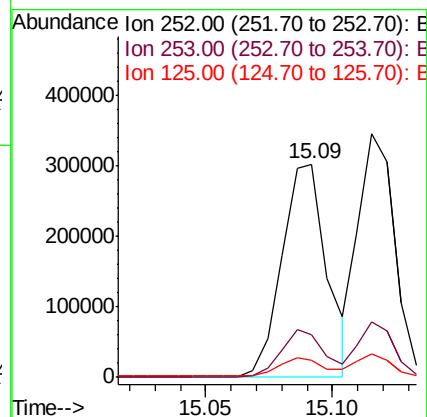
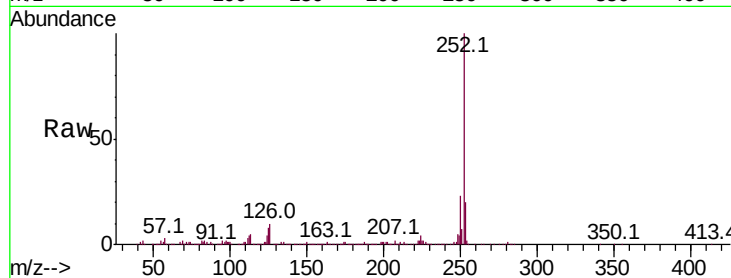




#88
Benzo(b)fluoranthene
Concen: 40.675 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

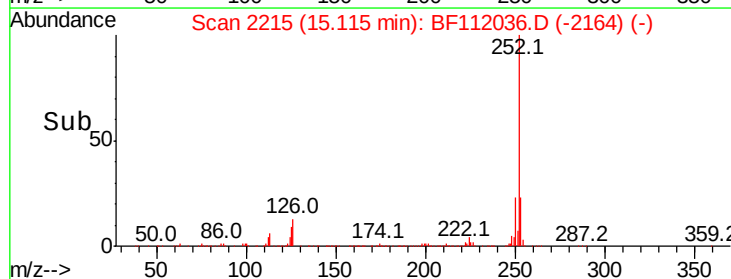
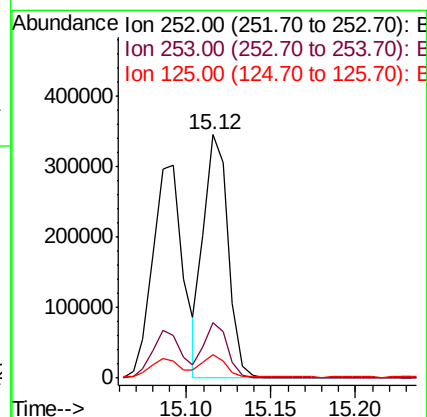
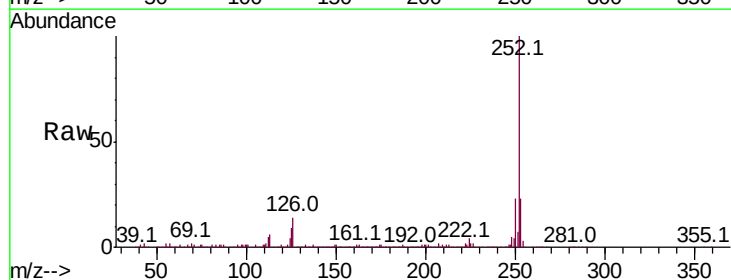
Instrument :
BNA_F
ClientSampleId :

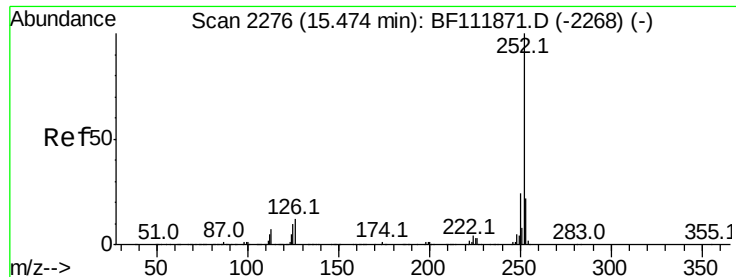
Tot Ion:252 Resp: 375608
Ion Ratio Lower Upper
252 100
253 20.2 17.0 25.6
125 7.9 7.1 10.7



#89
Benzo(k)fluoranthene
Concen: 39.860 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:252 Resp: 345992
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.4 7.0 10.4

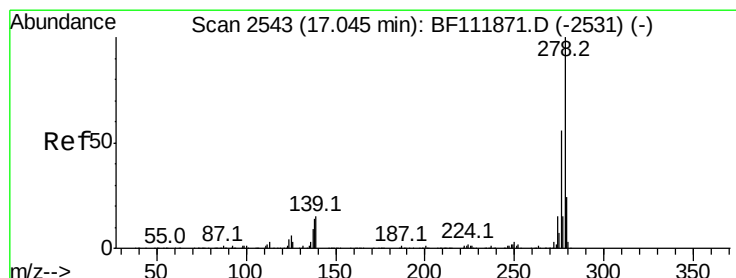
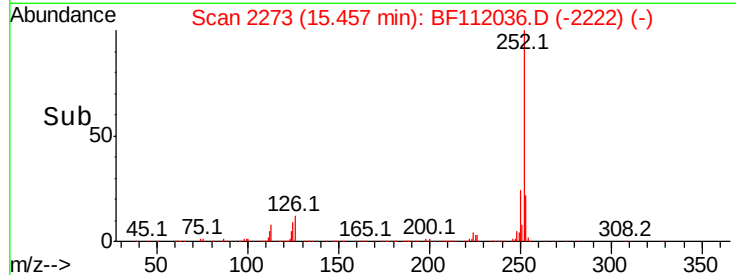
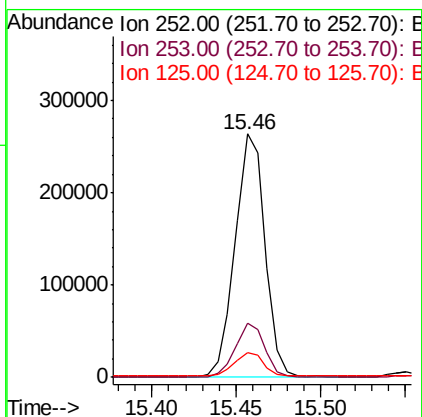
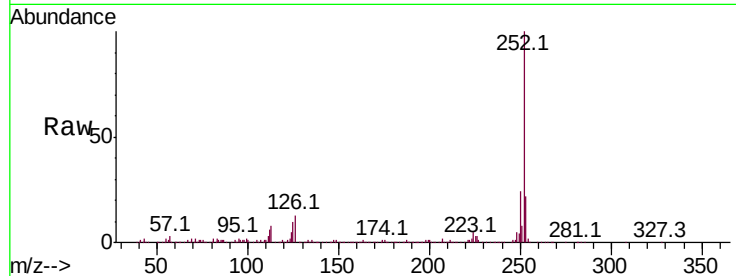




#90
Benzo(a)pyrene
Concen: 40.258 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

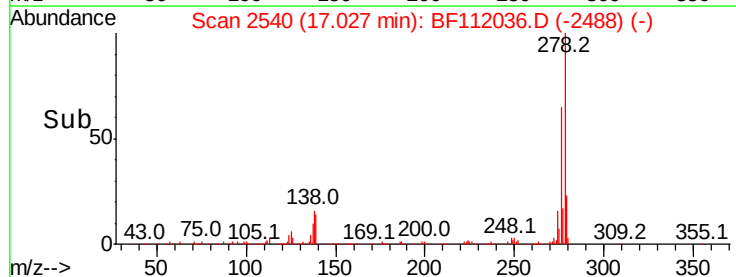
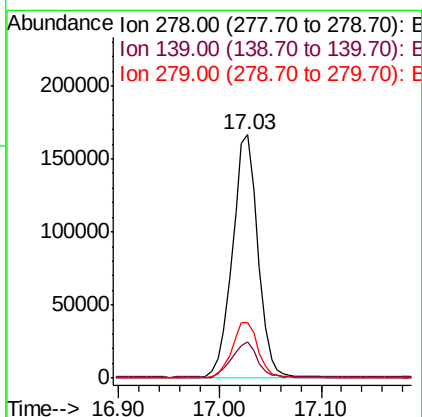
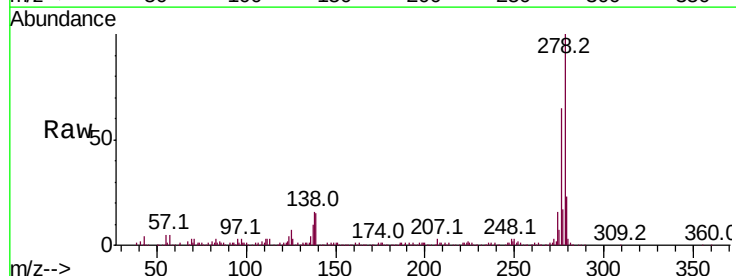
Instrument :
BNA_F
ClientSampleId :

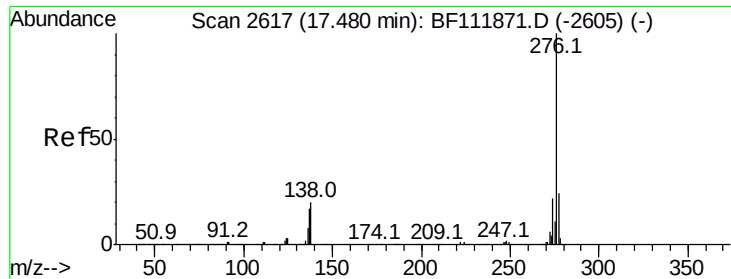
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.1	7.9	11.9



#91
Dibenzo(a,h)anthracene
Concen: 44.790 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.8	17.6
279	22.7	19.4	29.2

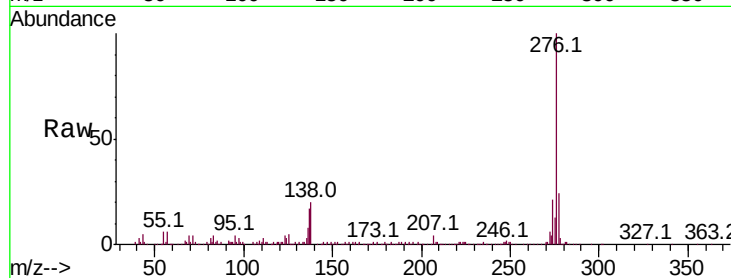




#92
 Benzo(a,h,i)perylene
 Concen: 43.374 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	20.4	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

