Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111764.D
Acq On : 27 Dec 2018 16:04
Operator : JU/SJ
Sample : J6426-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS013A-2430-01

Quant Time: Dec 28 00:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	103194	20.00	ng		0.04
21) Naphthalene-d8	8.22	136	241608	20.00	ng		0.04
39) Acenaphthene-d10	9.98	164	144606	20.00	ng		0.05
64) Phenanthrene-d10	11.48	188	203541	20.00	ng		0.06
76) Chrysene-d12	14.13	240	156195	20.00	ng		0.08
87) Perylene-d12	15.63	264	138286	20.00	ng		0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	152202	25.14	ng		0.14
7) Phenol-d6	6.57	99	202240	26.25	ng		0.05
23) Nitrobenzene-d5	7.48	82	588462	141.77	ng		0.02
42) 2,4,6-Tribromophenol	10.77	330	177135	103.67	ng		0.05
45) 2-Fluorobiphenyl	9.29	172	760810	76.69	ng		0.03
79) Terphenyl-d14	13.06	244	639546	77.65	ng		0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	264057	49.831	ng	#	1
10) Phenol	6.59	94	25102	2.888	ng		87
11) bis(2-Chloroethyl)ether	6.66	93	20262	3.110	ng	#	1
12) 1,3-Dichlorobenzene	6.87	146	195942	25.211	ng		96
13) 1,4-Dichlorobenzene	6.95	146	946560	120.089	ng		96
14) 1,2-Dichlorobenzene	7.10	146	356763	48.513	ng		94
15) Benzyl Alcohol	7.09	79	23098	3.775	ng	#	36
16) 2,2'-oxybis(1-Chloropropan	7.11	45	69889	5.825	ng		72
17) 2-Methylphenol	7.18	107	32543	6.060	ng	#	19
18) Hexachloroethane	7.46	117	237463	89.402	ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	104077	20.340	ng	#	61
20) 3+4-Methylphenols	7.33	107	63755	9.396	ng	#	68
22) Acetophenone	7.32	105	786969	128.571	ng	#	43
24) Nitrobenzene	7.50	77	41382	9.512	ng	#	50
25) Isophorone	7.75	82	206963	28.086	ng	#	1
26) 2-Nitrophenol	7.83	139	26805	15.192	ng	#	1
27) 2,4-Dimethylphenol	7.87	122	61738	17.751	ng	#	12
28) bis(2-Chloroethoxy)methane	7.96	93	27264	5.560	ng	#	1
29) 2,4-Dichlorophenol	8.06	162	26997	7.217	ng	#	11
30) 1,2,4-Trichlorobenzene	8.17	180	3536062	848.223	ng		98
31) Naphthalene	8.25	128	3737734	321.971	ng		98
32) Benzoic acid	7.96	122	50131	21.799	ng	#	1
33) 4-Chloroaniline	8.32	127	31484	6.275	ng	#	31
35) Caprolactam	8.65	113	313476	247.289	ng	#	3
36) 4-Chloro-3-methylphenol	8.77	107	78446	21.332	ng	#	26
37) 2-Methylnaphthalene	8.93	142	2657879	351.905	ng		96
38) 1-Methylnaphthalene	9.03	142	1602260	220.885	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	450578	94.824	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	9898	3.120	ng	#	22
44) 2,4,5-Trichlorophenol	9.25	196	16841	5.174	ng	#	1
46) 1,1'-Biphenyl	9.40	154	466931	38.251	ng		95
48) 2-Nitroaniline	9.50	65	53921	21.431	ng	#	39
49) Acenaphthylene	9.84	152	78549	5.563	ng	#	1
50) Dimethylphthalate	9.67	163	81212	7.680	ng	#	68

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111764.D
Acq On : 27 Dec 2018 16:04
Operator : JU/SJ
Sample : J6426-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS013A-2430-01

Quant Time: Dec 28 00:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 2,6-Dinitrotoluene	9.75	165	8267	3.921	ng	#	62
52) Acenaphthene	10.02	154	41540	4.770	ng	#	1
53) 3-Nitroaniline	9.94	138	27576	12.263	ng	#	28
54) 2,4-Dinitrophenol	10.02	184	1420	9.214	ng	#	1
55) Dibenzofuran	10.19	168	170279	12.941	ng	#	1
56) 4-Nitrophenol	10.09	139	92750	54.045	ng	#	2
57) 2,4-Dinitrotoluene	10.19	165	48850	19.276	ng	#	55
58) Fluorene	10.53	166	129595	13.668	ng	#	49
59) 2,3,4,6-Tetrachlorophenol	10.31	232	10144	3.704	ng	#	1
60) Diethylphthalate	10.38	149	31339	3.021	ng	#	1
61) 4-Chlorophenyl-phenylether	10.54	204	15110	2.885	ng	#	1
62) 4-Nitroaniline	10.45	138	61120	27.964	ng		93
65) 4,6-Dinitro-2-methylphenol	10.55	198	4359	11.152	ng	#	1
66) n-Nitrosodiphenylamine	10.65	169	601600	88.050	ng	#	39
68) Hexachlorobenzene	11.10	284	35066	12.458	ng	#	14
69) Atrazine	11.18	200	339215	142.910	ng	#	49
70) Pentachlorophenol	11.29	266	7383	4.243	ng	#	44
71) Phenanthrene	11.51	178	927408	85.914	ng		94
72) Anthracene	11.51	178	927408	85.594	ng		95
74) Di-n-butylphthalate	12.03	149	82896	7.029	ng	#	23
75) Fluoranthene	12.70	202	54468	4.983	ng	#	31
77) Benzidine	12.79	184	133428	22.701	ng	#	36
78) Pyrene	12.93	202	146772	13.306	ng	#	74
80) Butylbenzylphthalate	13.52	149	31533	7.013	ng	#	57
82) 3,3'-Dichlorobenzidine	14.09	252	14869	4.222	ng	#	29
83) Chrysene	14.15	228	27860	3.180	ng	#	45
84) Bis(2-ethylhexyl)phthalate	14.09	149	1307114	230.800	ng	#	97
85) Di-n-octyl phthalate	14.73	149	18689	2.130	ng	#	67

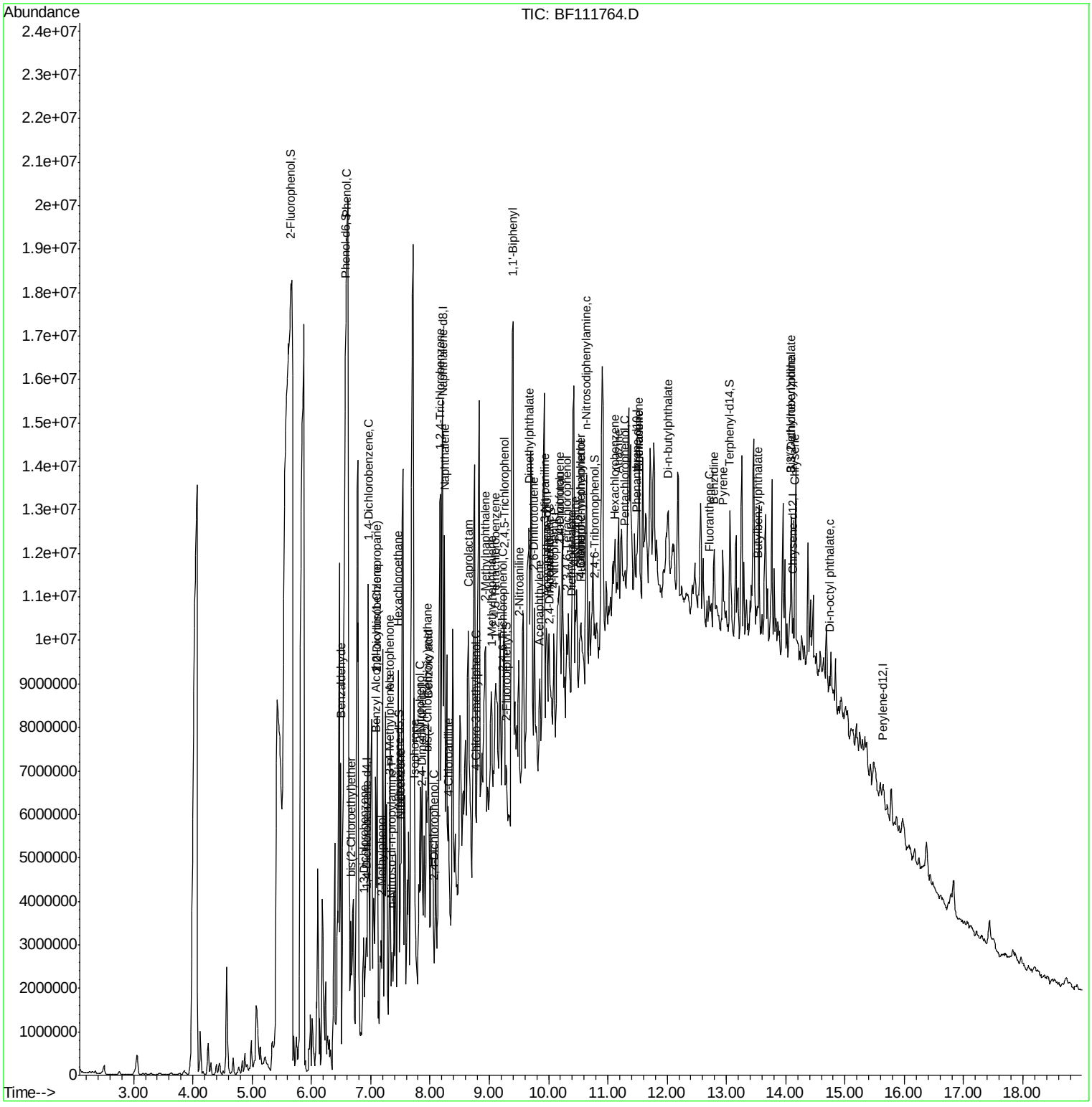
(#) = qualifier out of range (m) = manual integration (+) = signals summed

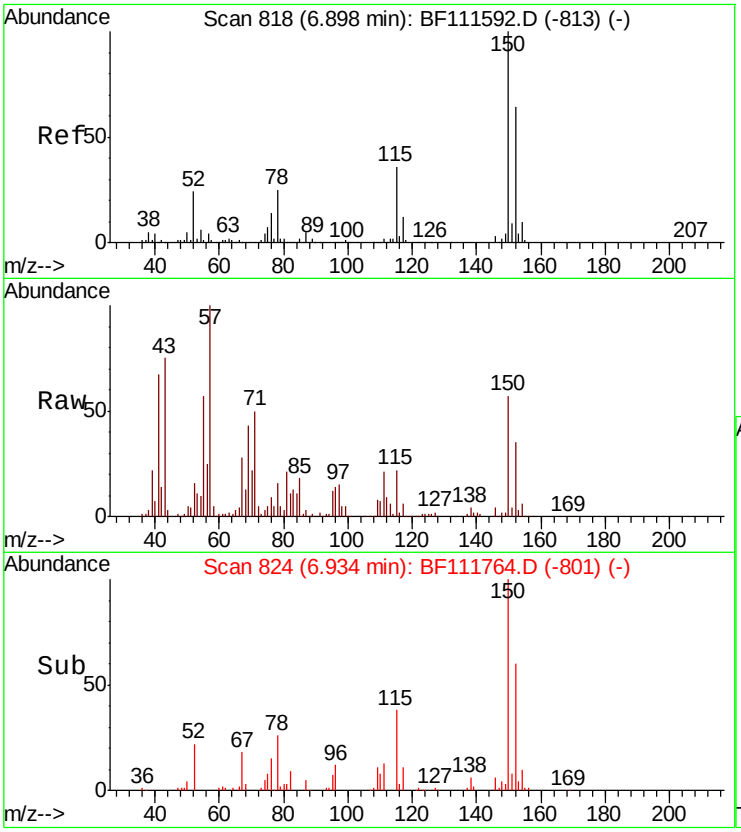
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111764.D
Acq On : 27 Dec 2018 16:04
Operator : JU/SJ
Sample : J6426-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Quant Time: Dec 28 00:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



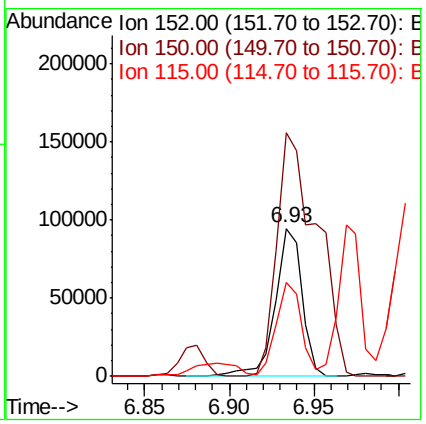


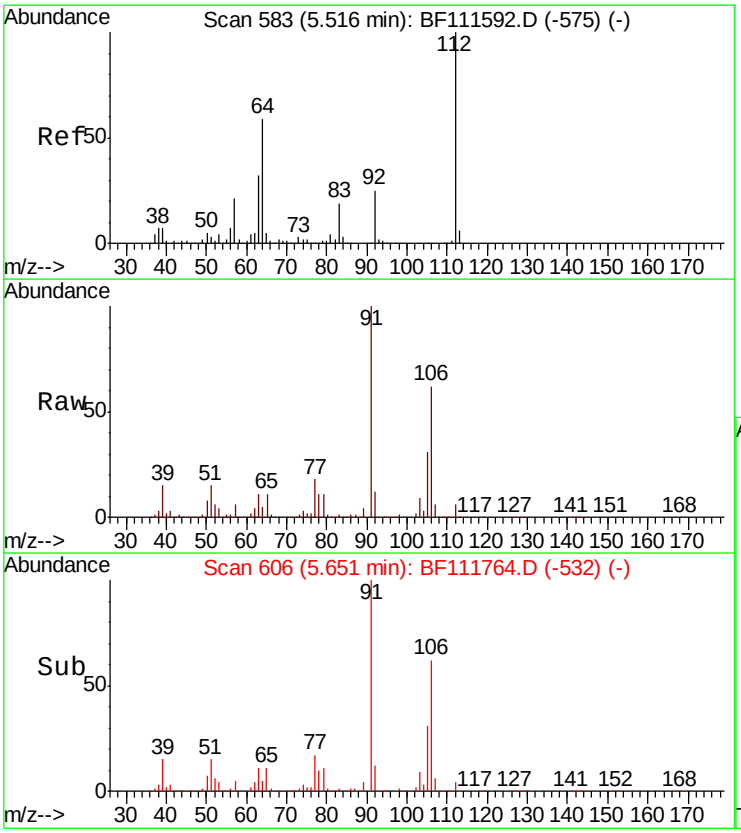
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:152 Resp: 103194

Ion	Ratio	Lower	Upper
152	100		
150	165.0	126.6	189.8
115	63.4	50.7	76.1

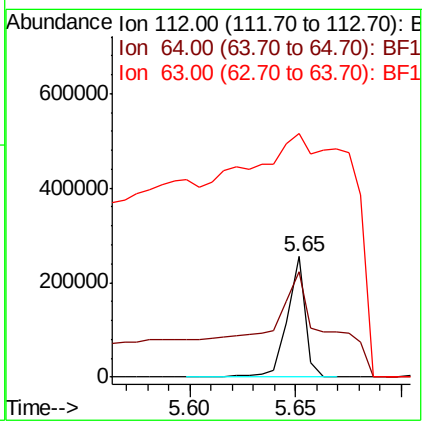


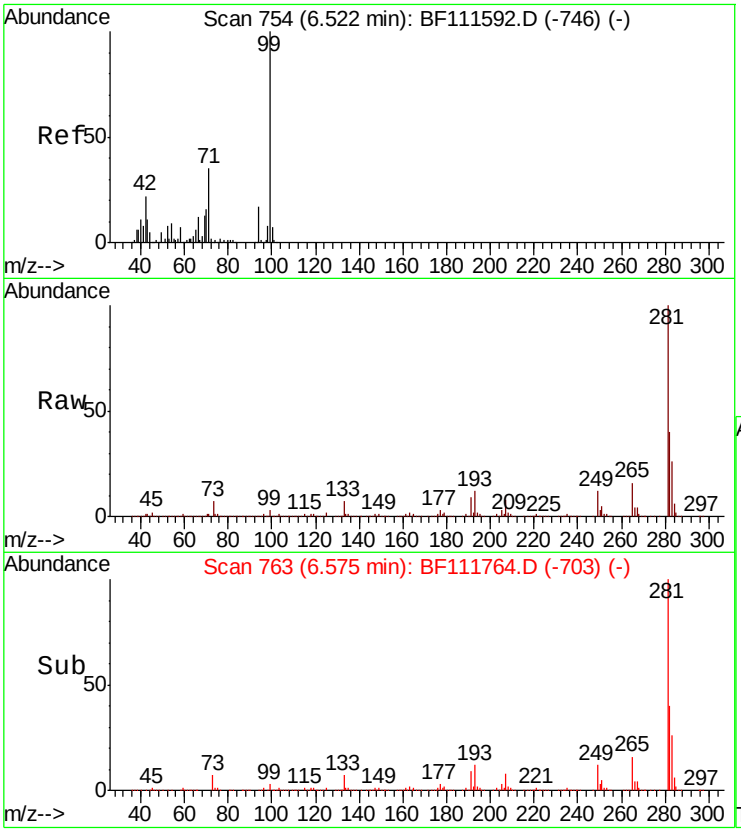


#5
2-Fluorophenol
Concen: 25.140 ng
RT: 5.65 min Scan# 606
Delta R.T. 0.14 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:112 Resp: 152202

Ion	Ratio	Lower	Upper
112	100		
64	87.1	51.8	77.6#
63	202.0	26.8	40.2#



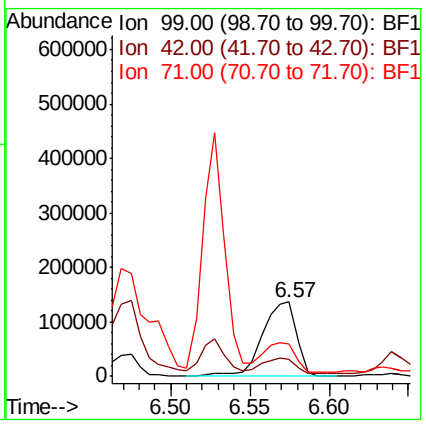


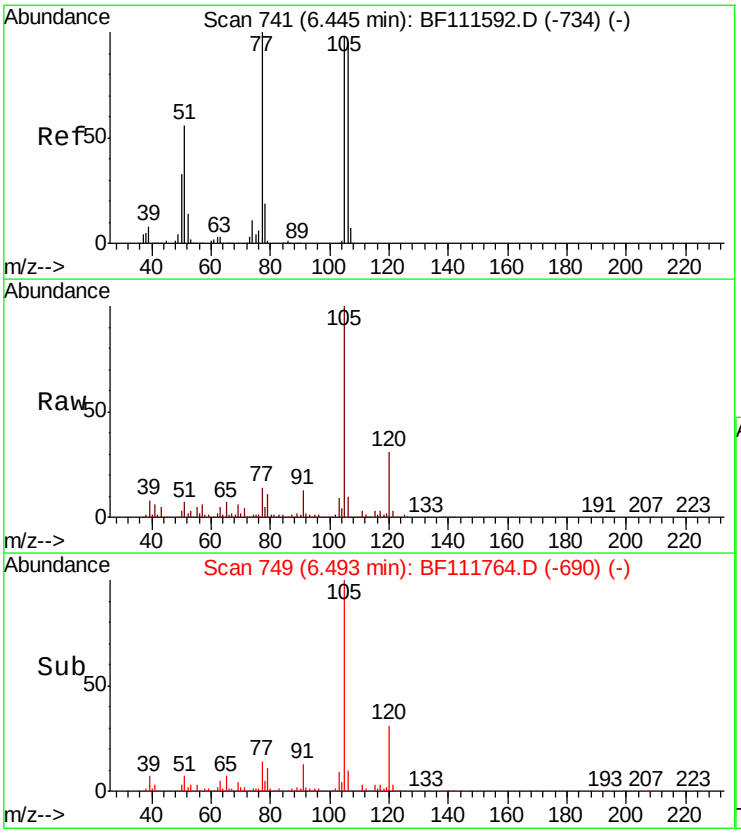
#7
Phenol-d6
Concen: 26.249 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion: 99 Resp: 202240

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.4	26.0
71	42.9	26.1	39.1#

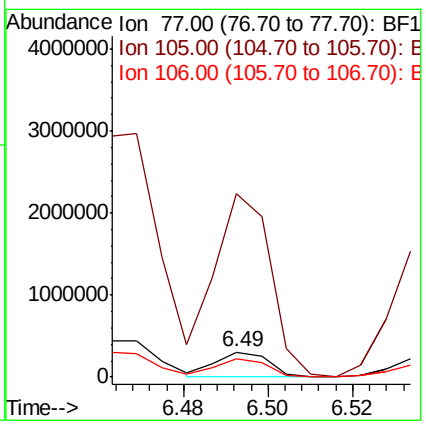


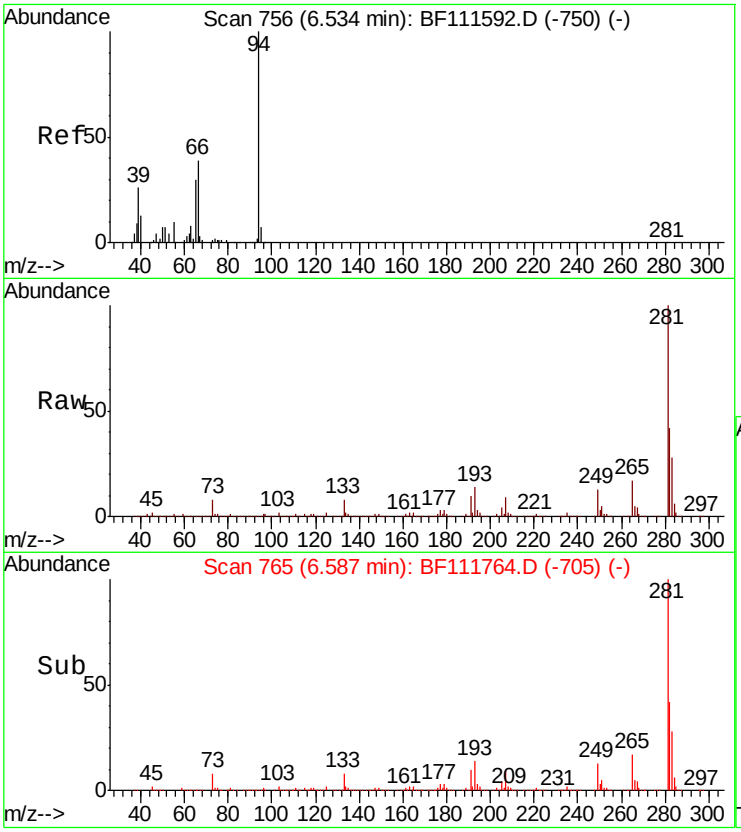


#9
Benzaldehyde
Concen: 49.831 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 77 Resp: 264057

Ion	Ratio	Lower	Upper
77	100		
105	729.6	81.4	121.4#
106	70.5	77.9	117.9#



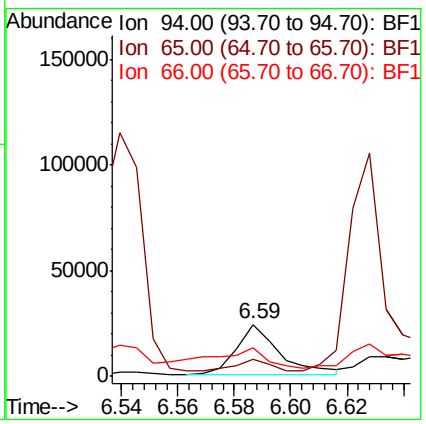


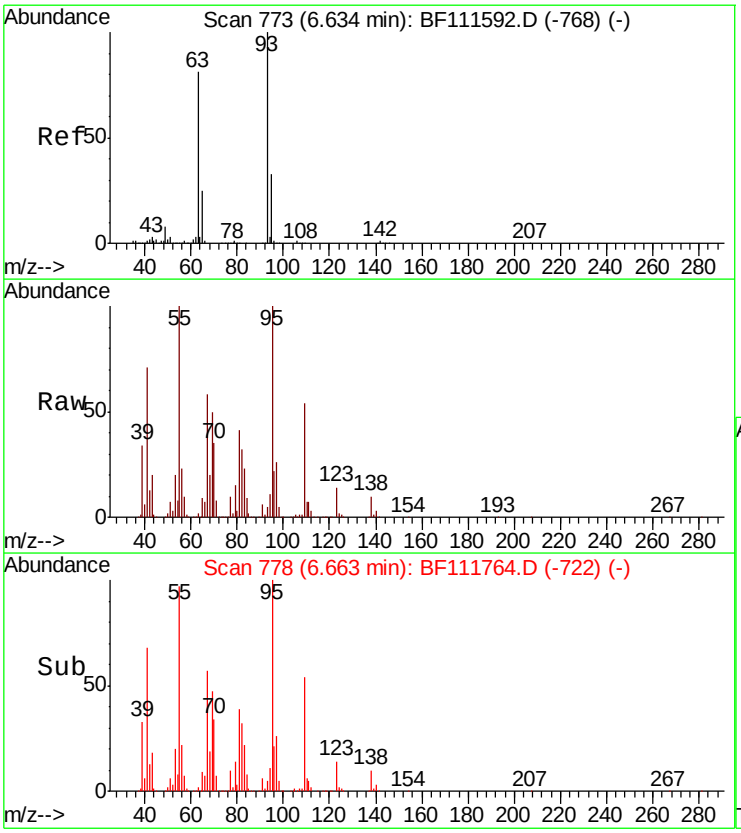
#10
Phenol
Concen: 2.888 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion: 94 Resp: 25102

Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.7	51.7
66	54.1	21.0	61.0

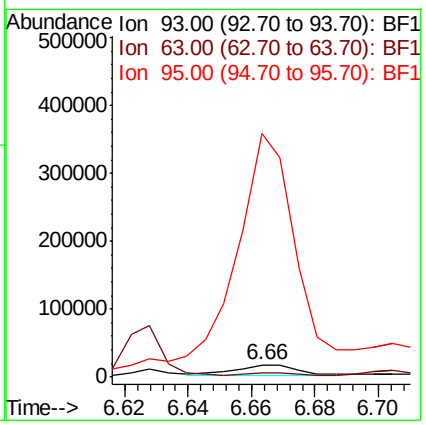


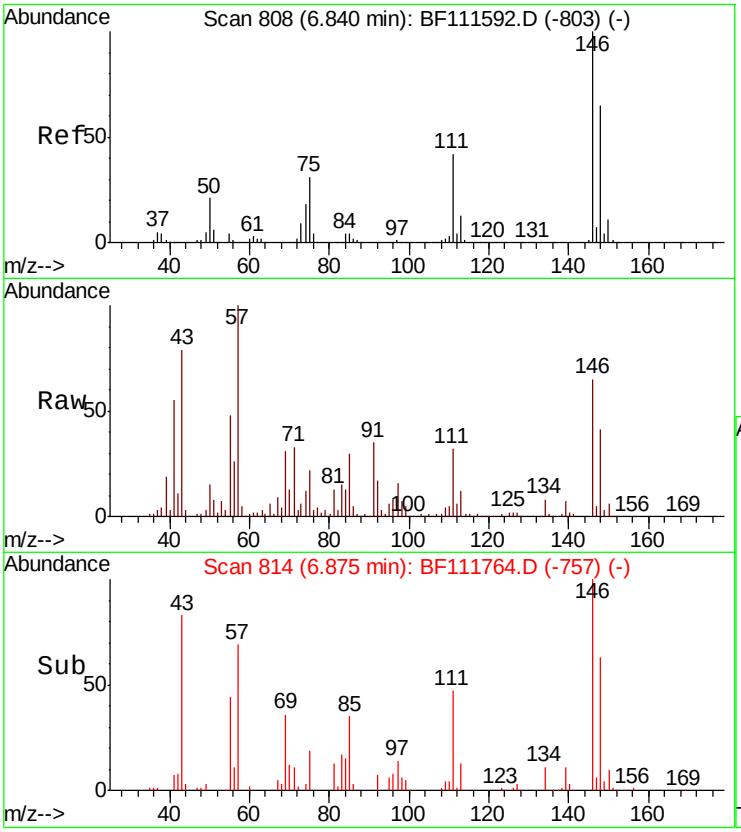


#11
bis(2-Chloroethyl)ether
Concen: 3.110 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 93 Resp: 20262

Ion	Ratio	Lower	Upper
93	100		
63	39.5	60.0	100.0#
95	2007.9	13.4	53.4#



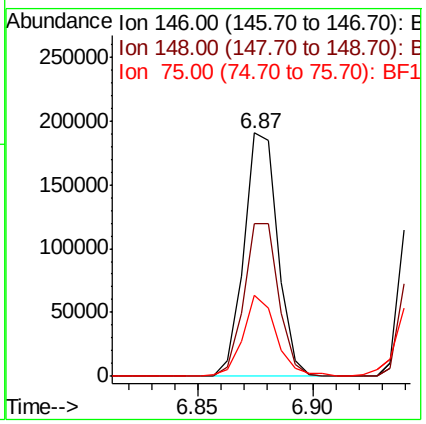


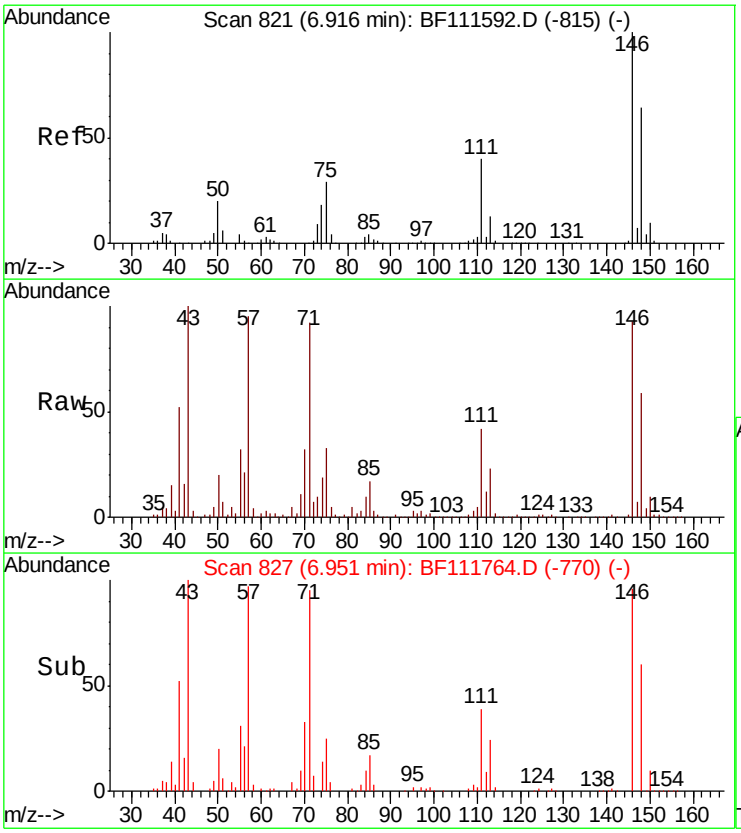
#12
1,3-Dichlorobenzene
Concen: 25.211 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:146 Resp: 195942

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.1	78.1
75	33.3	23.9	35.9

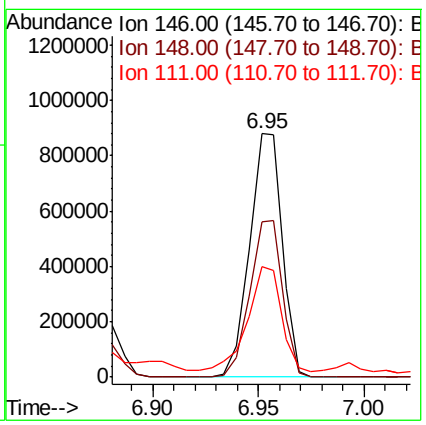


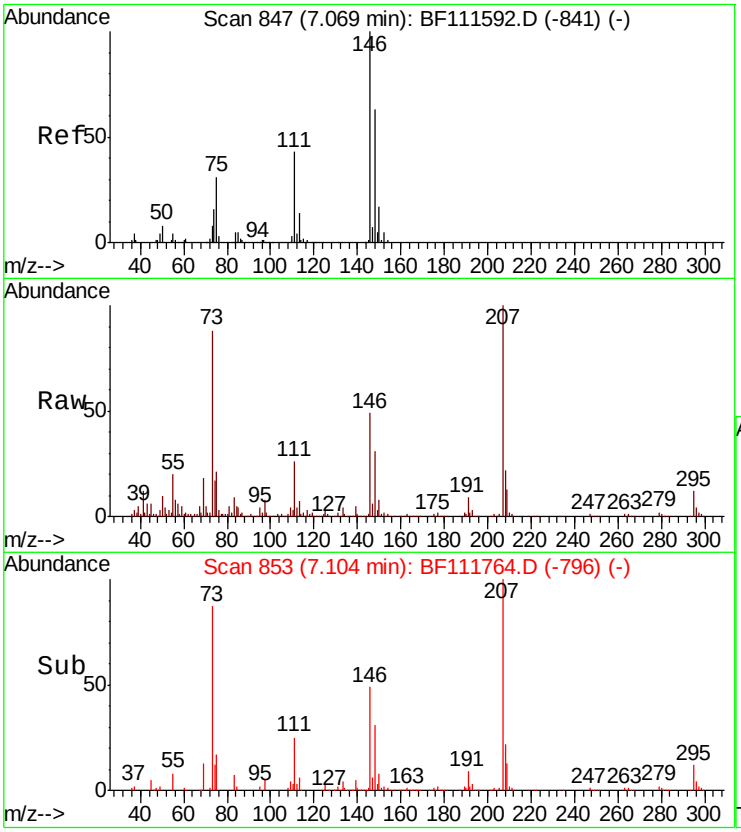


#13
1,4-Dichlorobenzene
Concen: 120.089 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:146 Resp: 946560

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.8	79.2
111	45.4	33.4	50.0



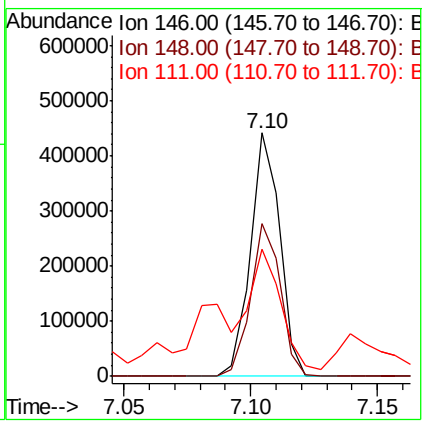


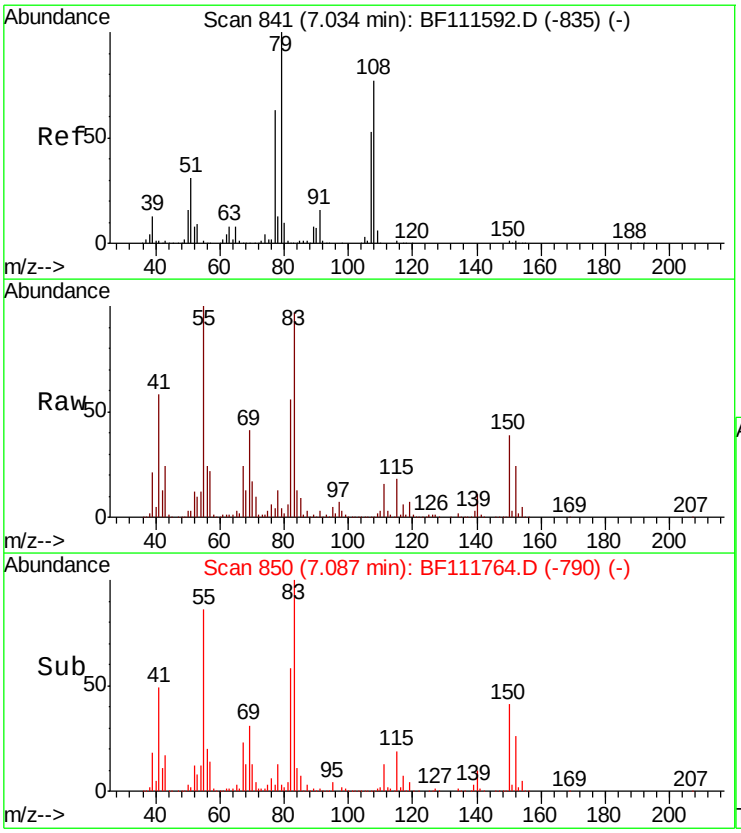
#14
1,2-Dichlorobenzene
Concen: 48.513 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:146 Resp: 356763

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
111	52.0	36.2	54.4

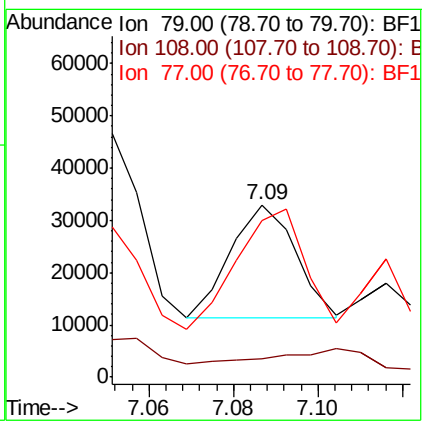


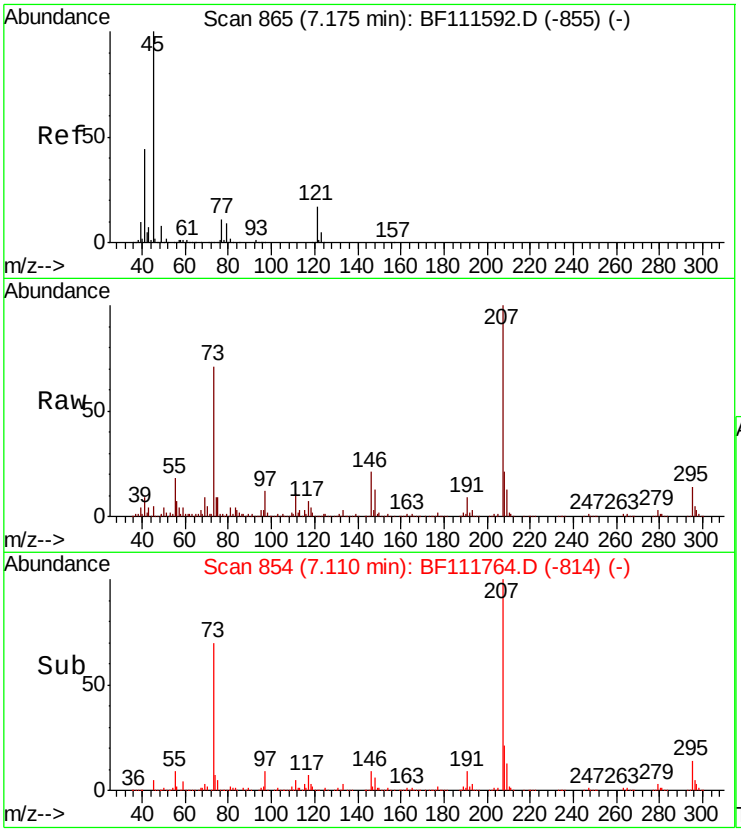


#15
Benzyl Alcohol
Concen: 3.775 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 79 Resp: 23098

Ion	Ratio	Lower	Upper
79	100		
108	10.5	69.4	104.2#
77	90.8	49.7	74.5#



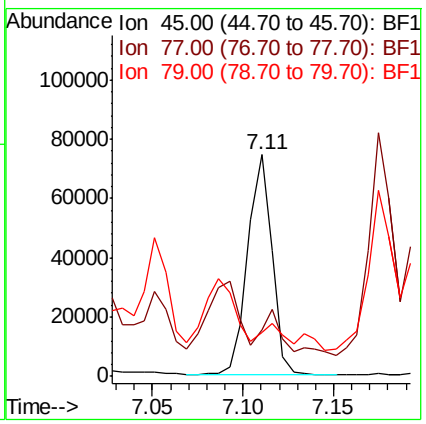


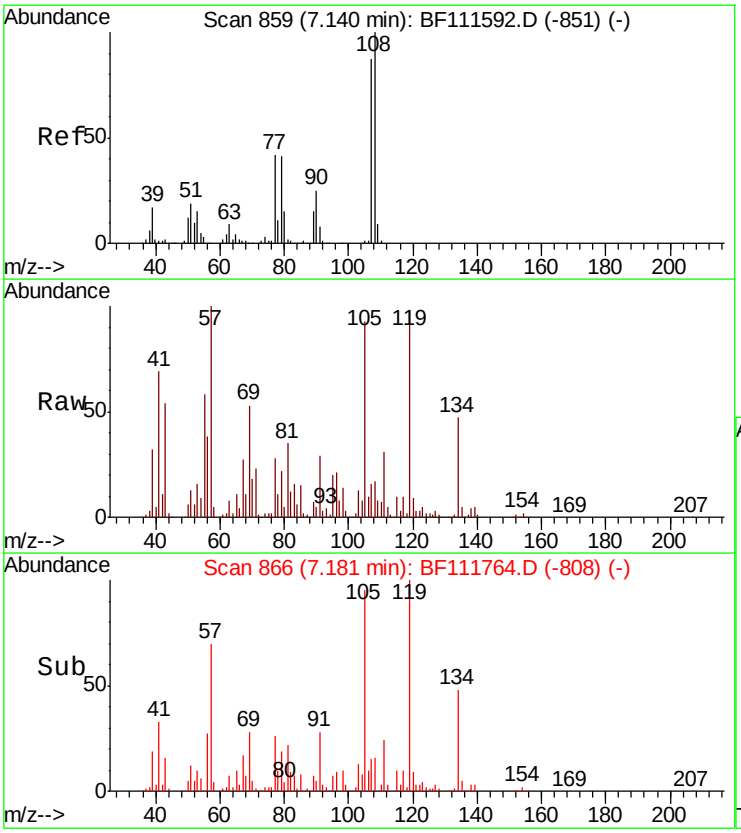
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.825 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion: 45 Resp: 69889

Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.0	31.5
79	19.8	0.0	28.9

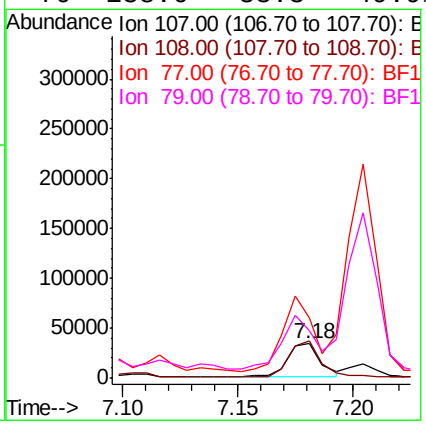


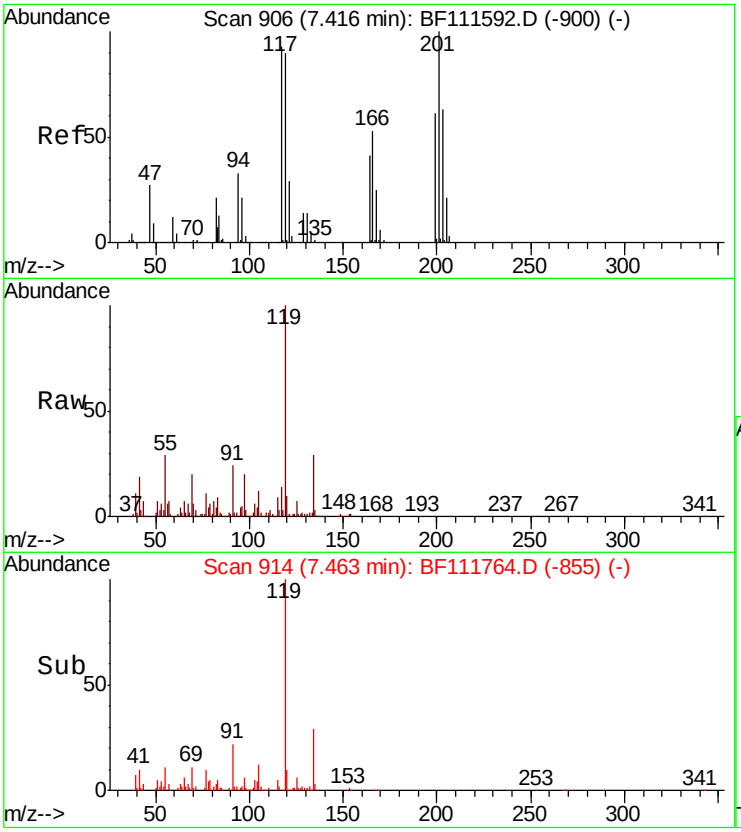


#17
2-Methylphenol
Concen: 6.060 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:107 Resp: 32543

Ion	Ratio	Lower	Upper
107	100		
108	108.0	91.0	136.4
77	177.0	33.5	50.3#
79	138.6	33.3	49.9#



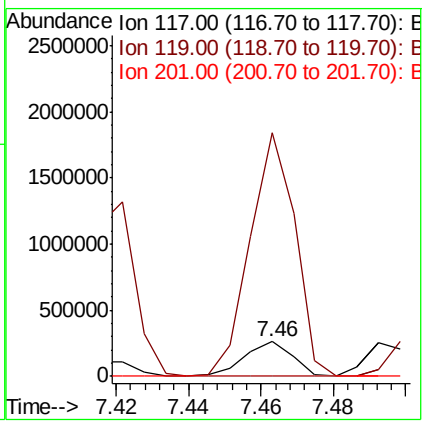


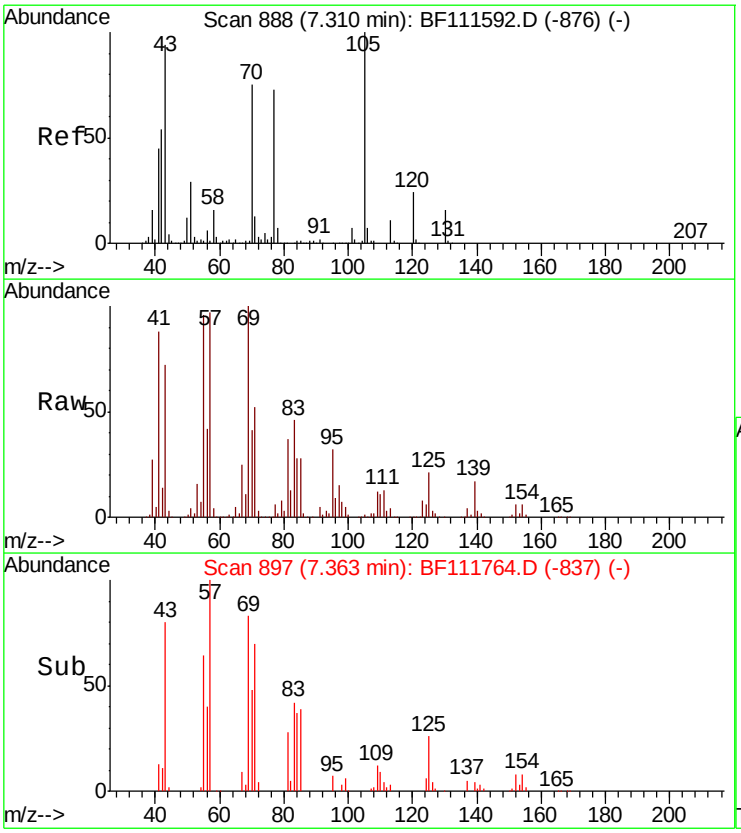
#18
Hexachloroethane
Concen: 89.402 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:117 Resp: 237463

Ion	Ratio	Lower	Upper
117	100		
119	703.2	75.4	113.0#
201	0.0	62.4	93.6#

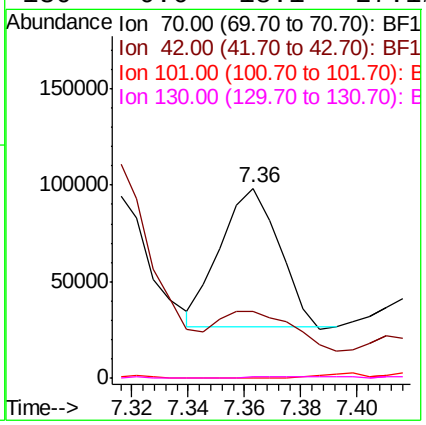


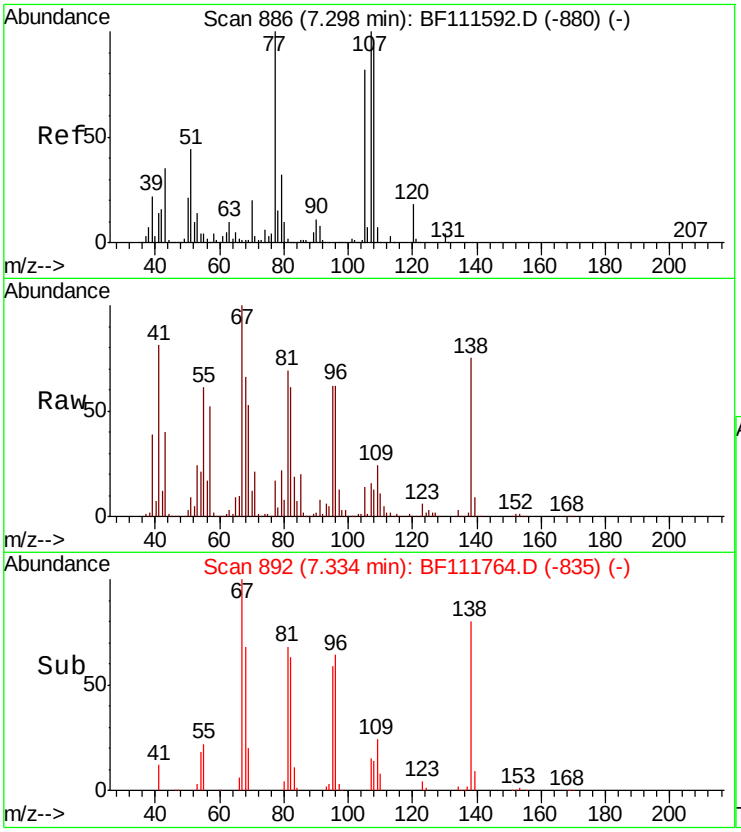


#19
n-Nitroso-di-n-propylamine
Concen: 20.340 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 70 Resp: 104077

Ion	Ratio	Lower	Upper
70	100		
42	35.3	53.2	79.8#
101	0.0	8.2	12.4#
130	0.6	18.1	27.1#



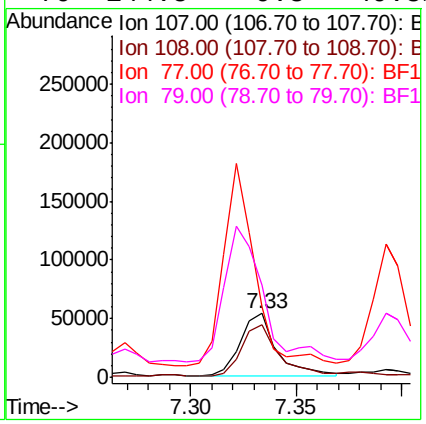


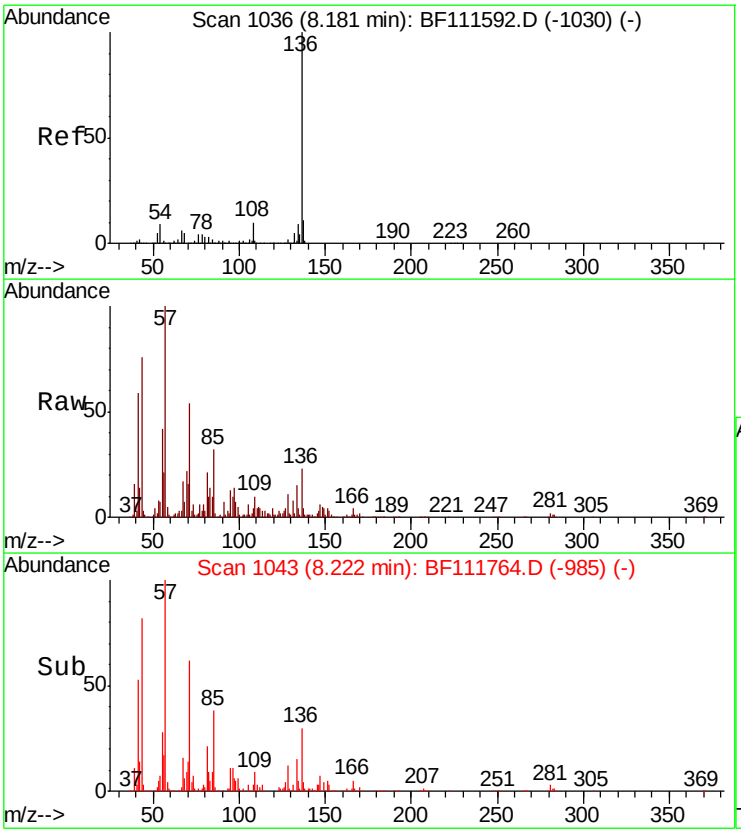
#20
3+4-Methylphenols
Concen: 9.396 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:107 Resp: 63755

Ion	Ratio	Lower	Upper
107	100		
108	83.3	72.1	112.1
77	111.3	94.1	134.1
79	144.5	9.8	49.8#

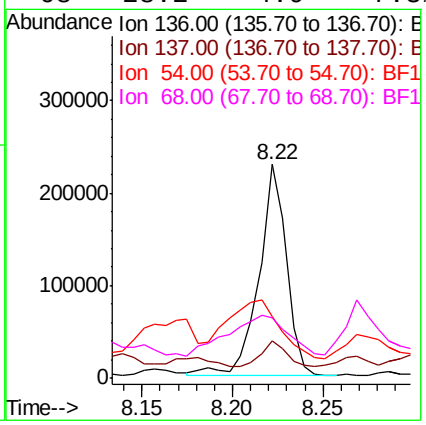


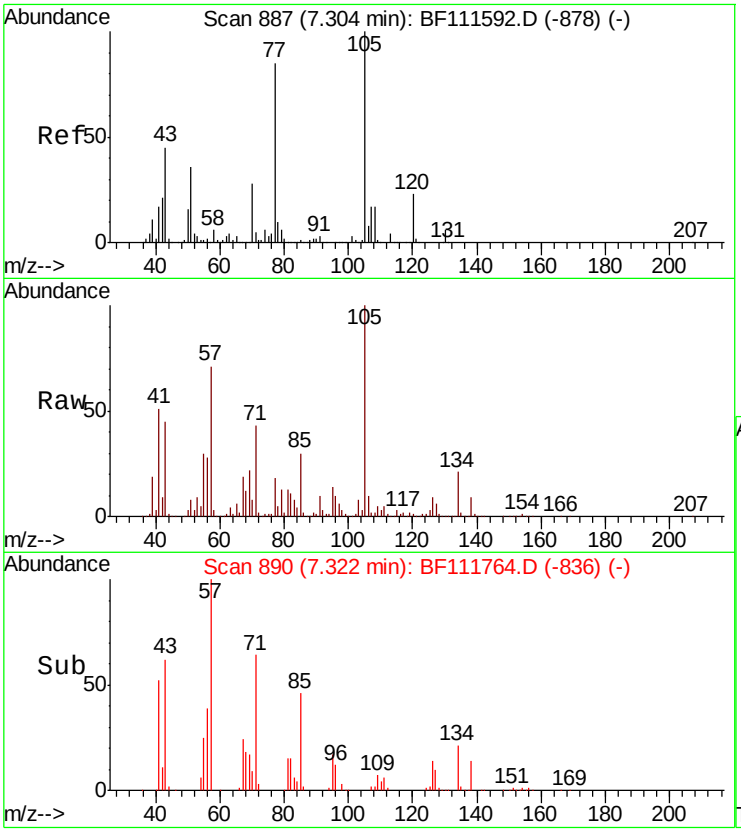


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:136 Resp: 241608

Ion	Ratio	Lower	Upper
136	100		
137	17.4	9.1	13.7#
54	29.1	7.7	11.5#
68	28.2	4.9	7.3#



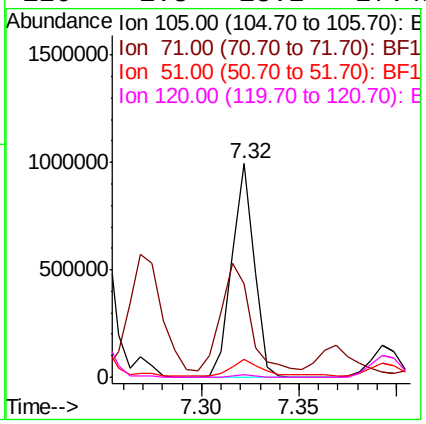


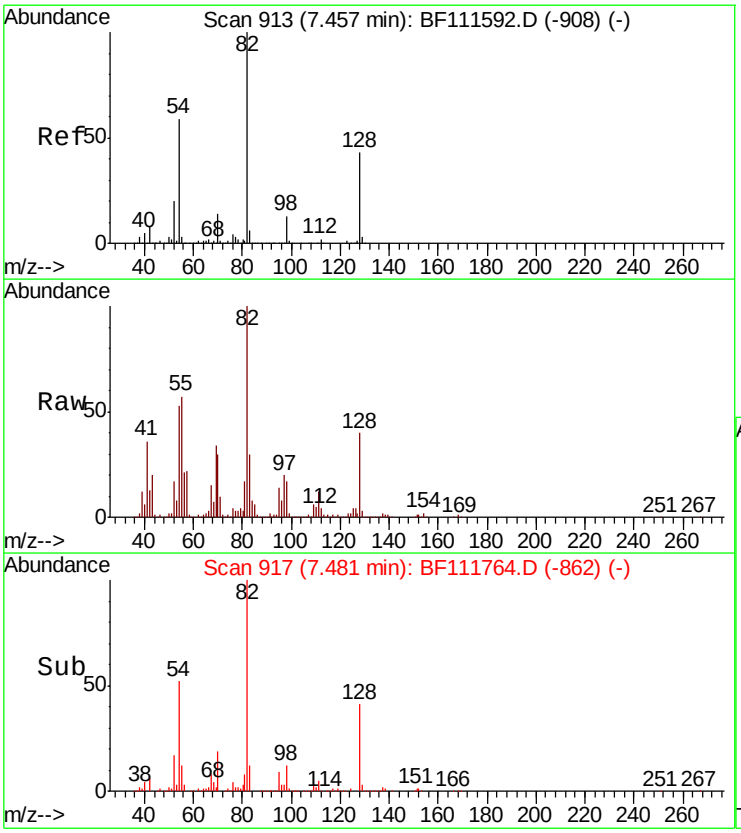
#22
Acetophenone
Concen: 128.571 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:105 Resp: 786969

Ion	Ratio	Lower	Upper
105	100		
71	43.5	3.1	4.7#
51	8.1	36.6	54.8#
120	1.3	18.2	27.4#

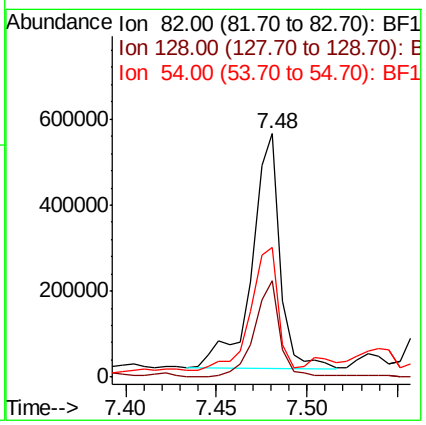


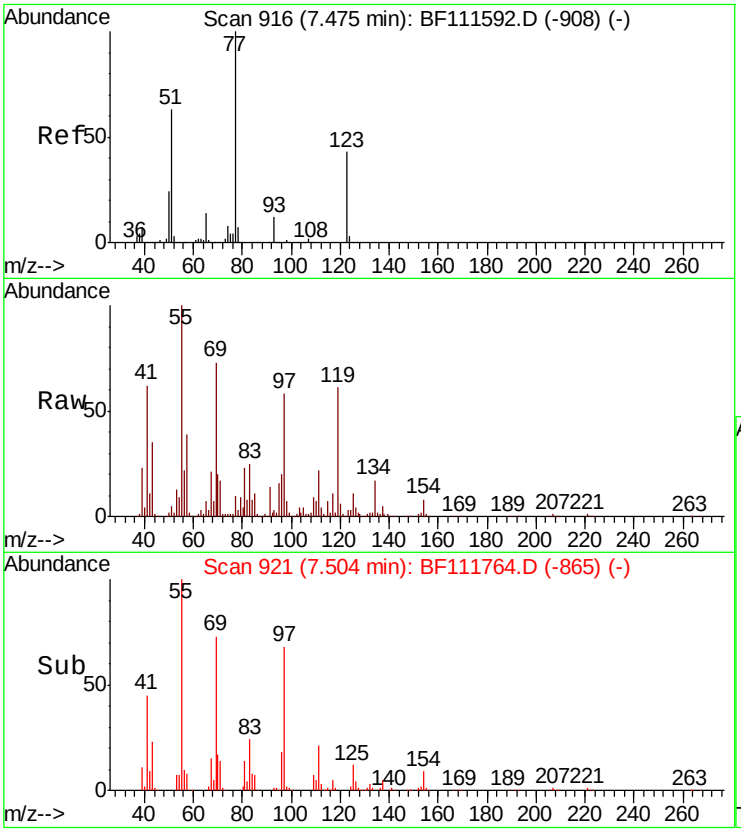


#23
Nitrobenzene-d5
Concen: 141.771 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.02 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 82 Resp: 588462

Ion	Ratio	Lower	Upper
82	100		
128	39.6	37.4	56.2
54	53.4	47.6	71.4



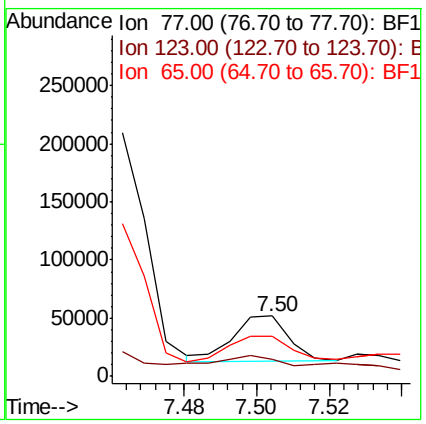


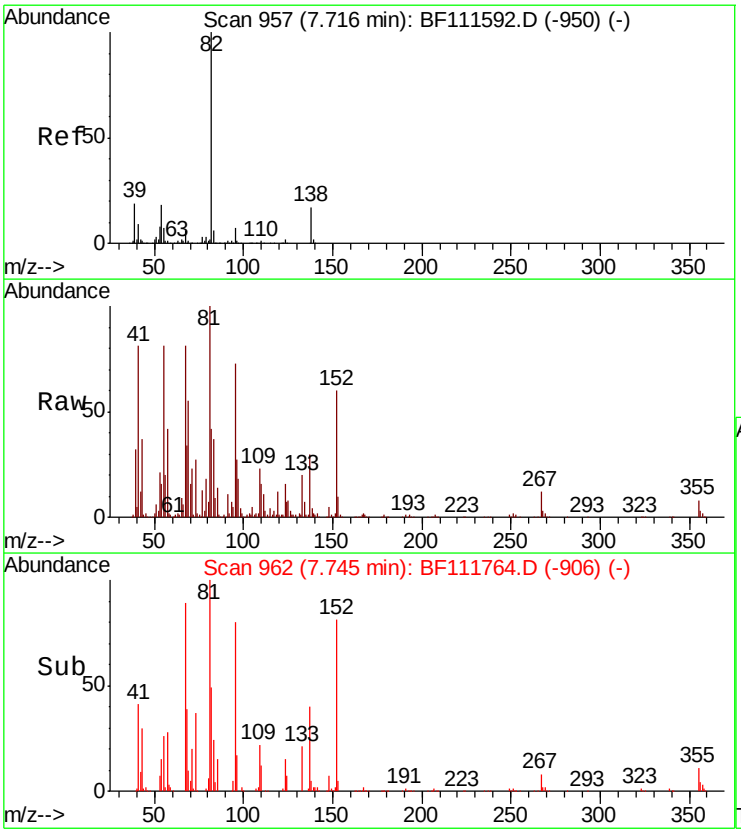
#24
Nitrobenzene
Concen: 9.512 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion: 77 Resp: 41382

Ion	Ratio	Lower	Upper
77	100		
123	28.6	37.2	55.8#
65	65.8	11.5	17.3#

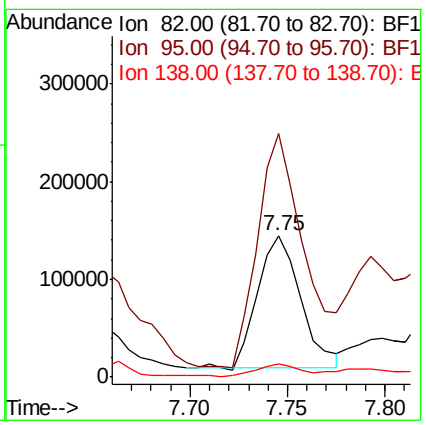


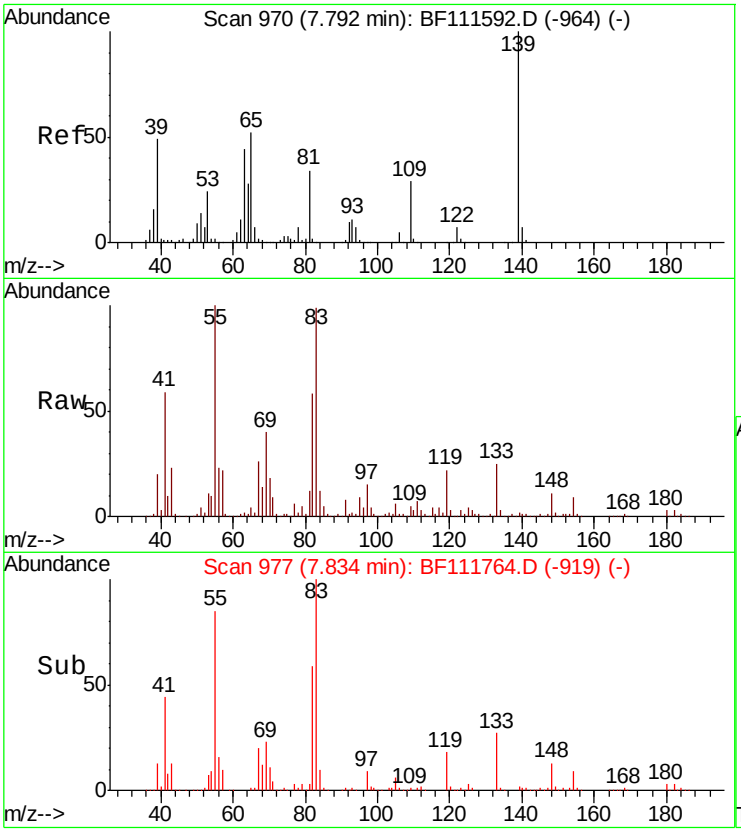


#25
Isophorone
Concen: 28.086 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 82 Resp: 206963

Ion	Ratio	Lower	Upper
82	100		
95	171.9	5.4	8.2#
138	9.5	15.1	22.7#



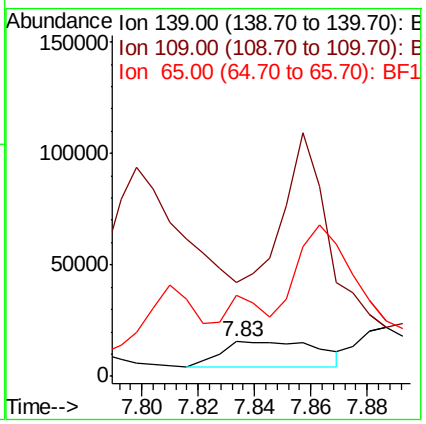


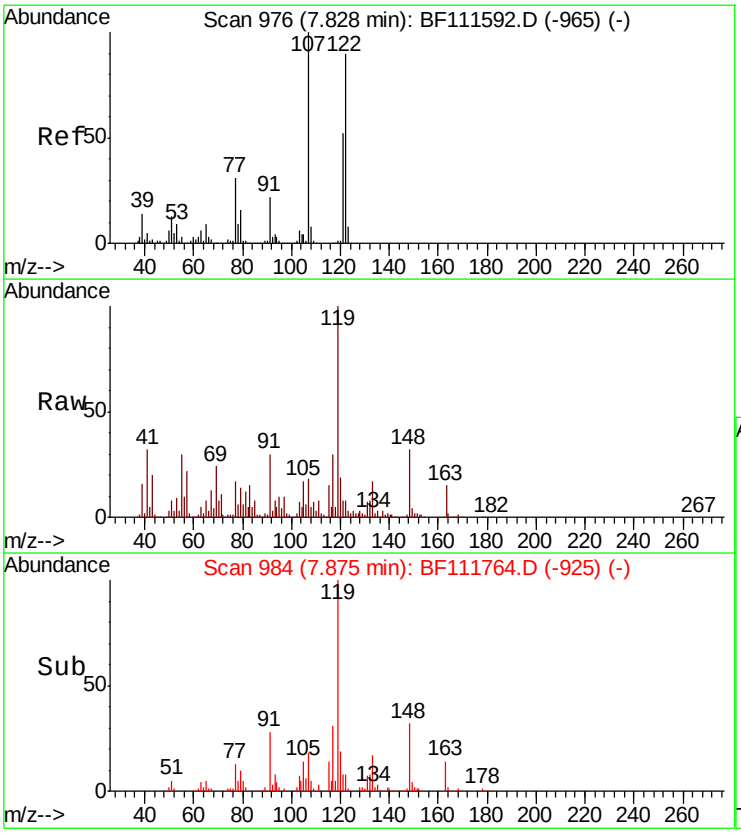
#26
2-Nitrophenol
Concen: 15.192 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:139 Resp: 26805

Ion	Ratio	Lower	Upper
139	100		
109	271.6	20.2	30.4#
65	234.9	40.7	61.1#

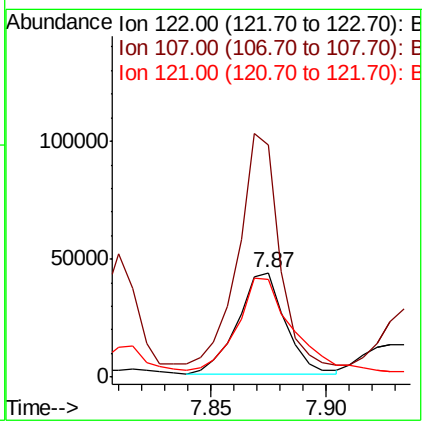


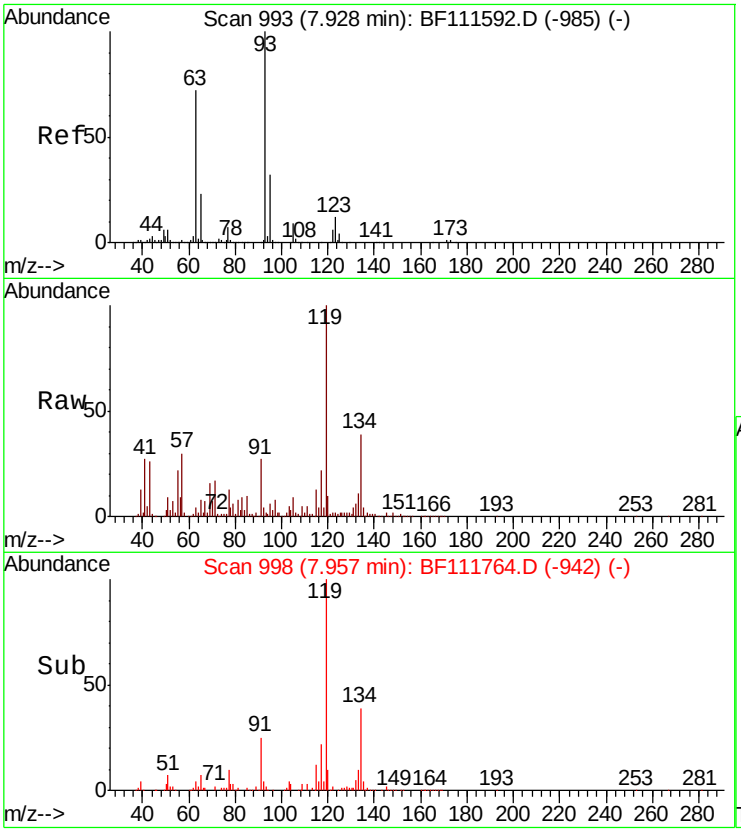


#27
2,4-Dimethylphenol
Concen: 17.751 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:122 Resp: 61738

Ion	Ratio	Lower	Upper
122	100		
107	221.6	85.5	128.3#
121	93.1	46.6	70.0#



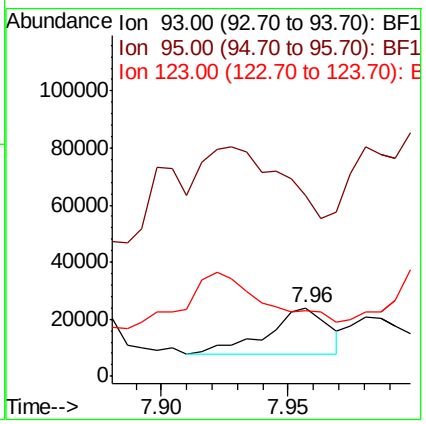


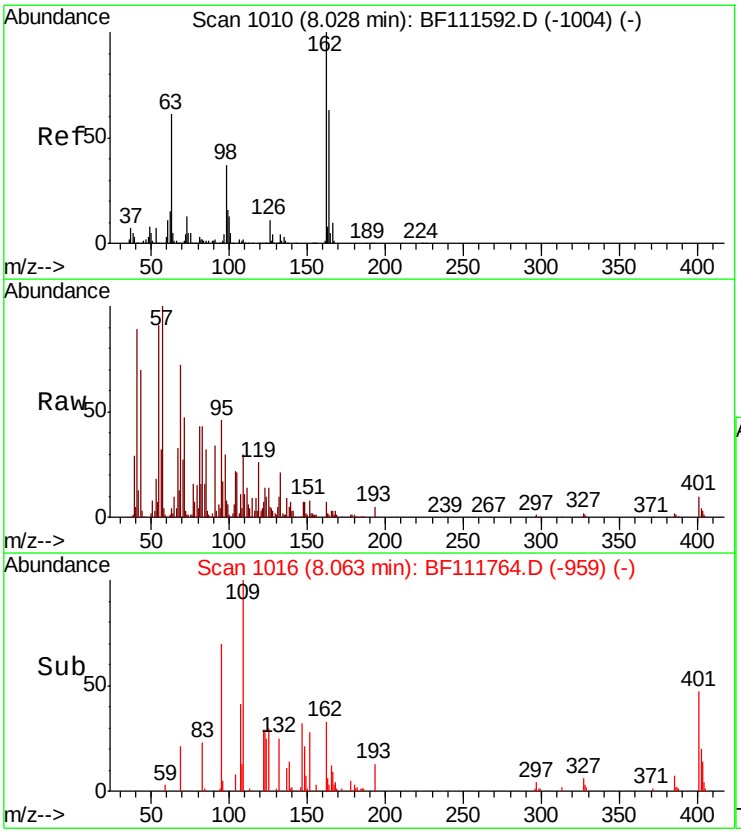
#28
bis(2-Chloroethoxy)methane
Concen: 5.560 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion: 93 Resp: 27264

Ion	Ratio	Lower	Upper
93	100		
95	264.5	27.1	40.7#
123	96.7	9.9	14.9#

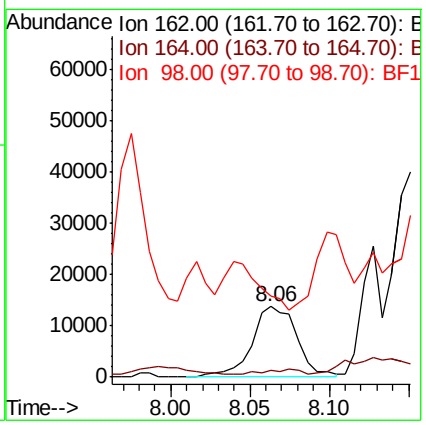


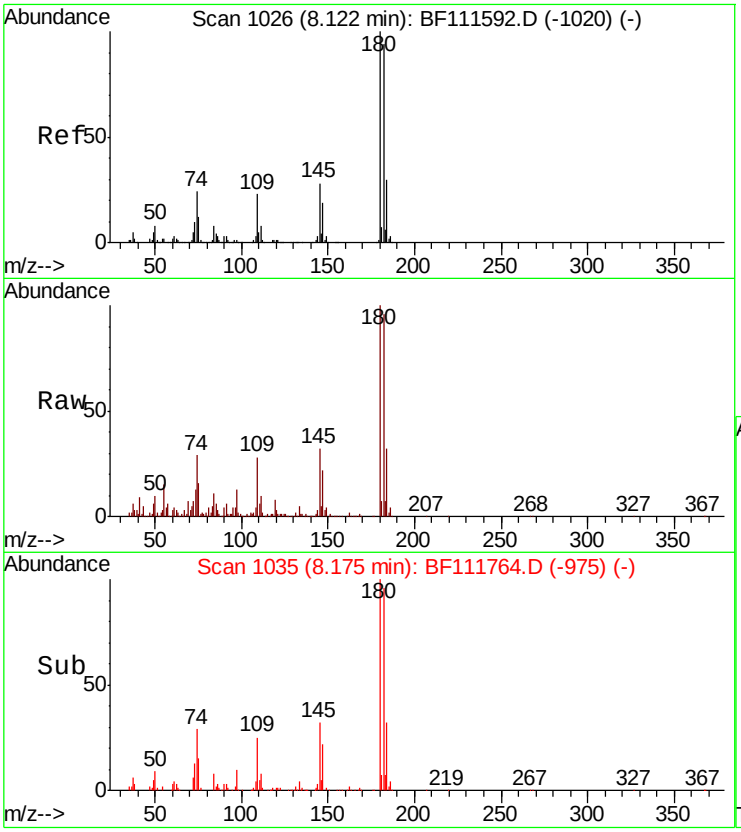


#29
2,4-Dichlorophenol
Concen: 7.217 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:162 Resp: 26997

Ion	Ratio	Lower	Upper
162	100		
164	9.9	44.4	84.4#
98	114.4	20.3	60.3#



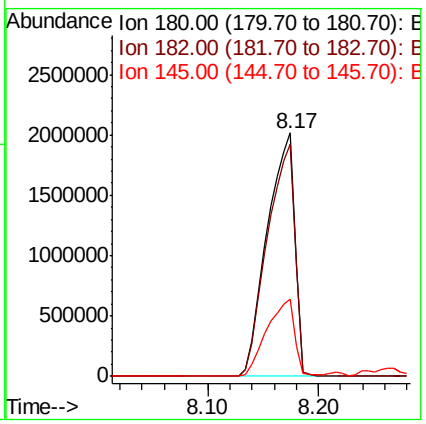


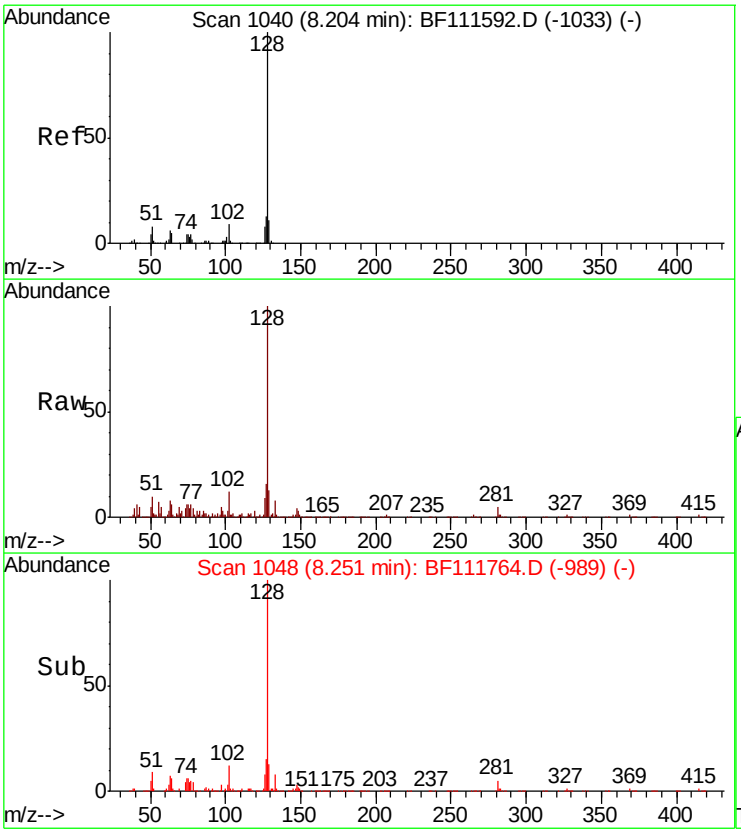
#30
1,2,4-Trichlorobenzene
Concen: 848.223 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:180 Resp: 3536062

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.6	113.4
145	31.9	26.7	40.1

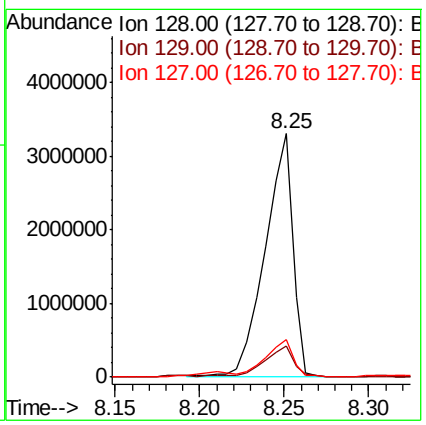


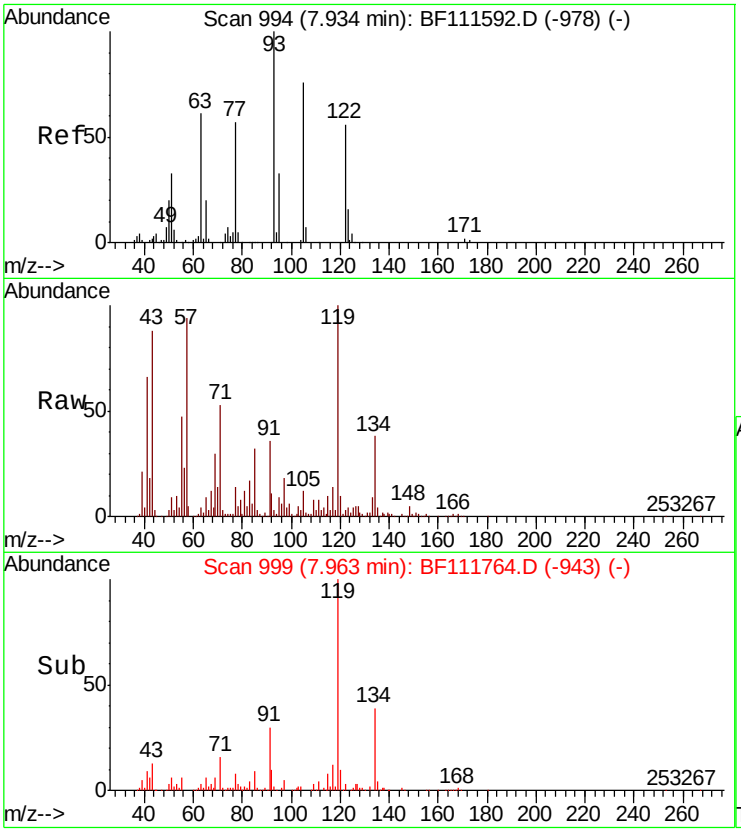


#31
Naphthalene
Concen: 321.971 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:128 Resp: 3737734

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.8	14.8
127	15.7	12.0	18.0



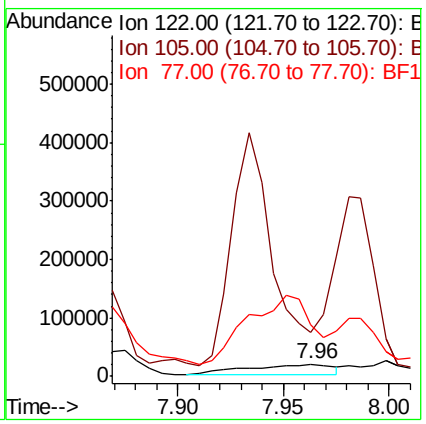


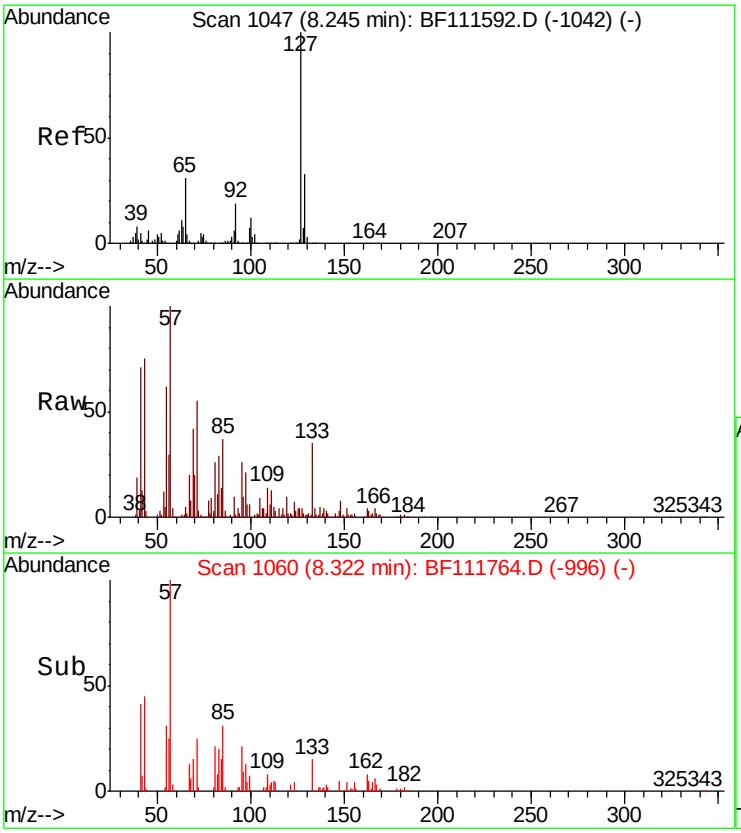
#32
Benzoic acid
Concen: 21.799 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:122 Resp: 50131

Ion	Ratio	Lower	Upper
122	100		
105	359.9	97.0	137.0#
77	423.0	65.7	105.7#

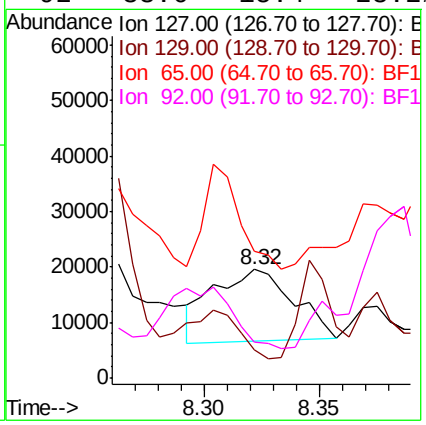


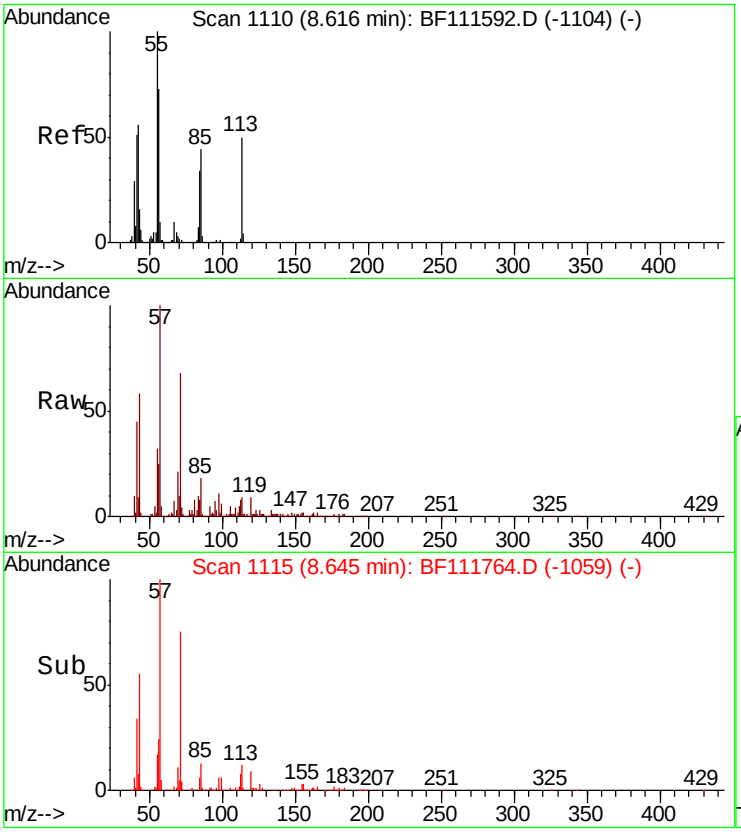


#33
4-Chloroaniline
Concen: 6.275 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:127 Resp: 31484

Ion	Ratio	Lower	Upper
127	100		
129	26.4	26.6	39.8#
65	116.6	25.7	38.5#
92	33.6	15.4	23.2#



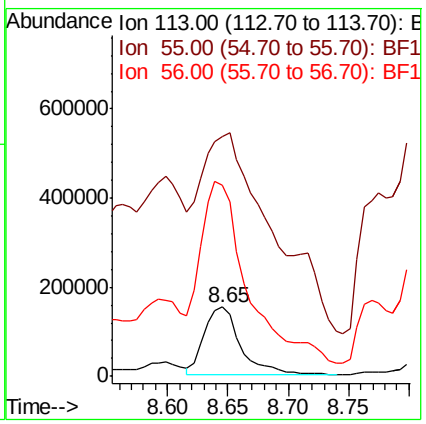


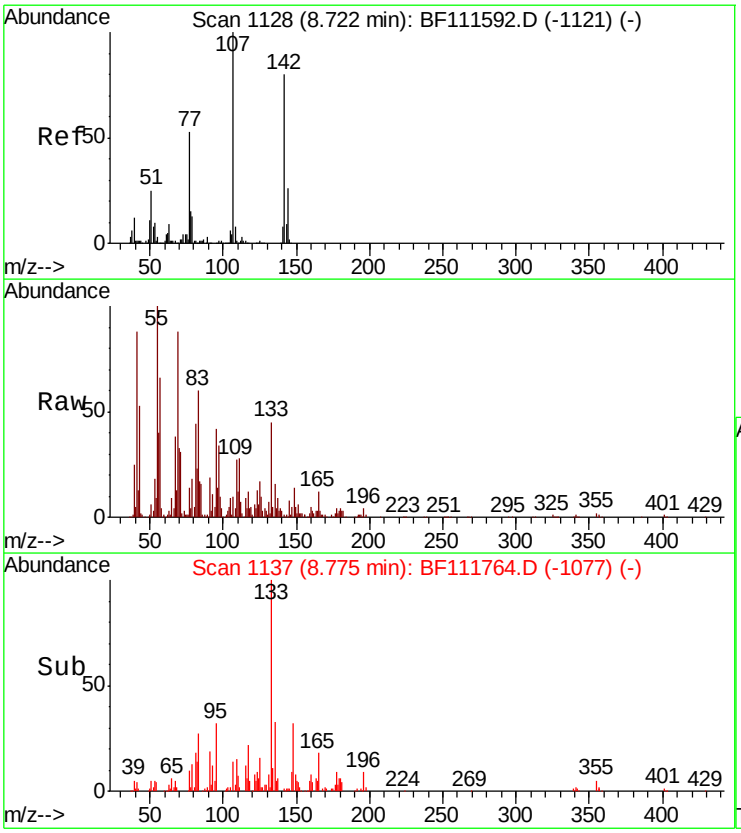
#35
Caprolactam
Concen: 247.289 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:113 Resp: 313476

Ion	Ratio	Lower	Upper
113	100		
55	345.9	184.1	224.1#
56	275.2	126.0	166.0#

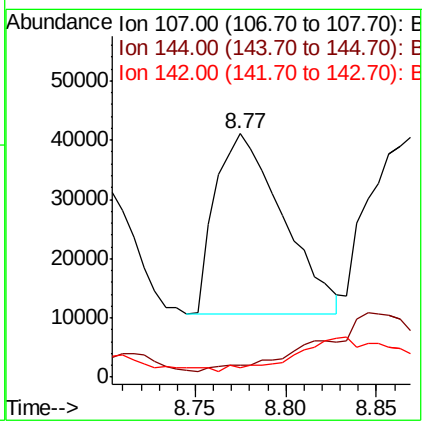


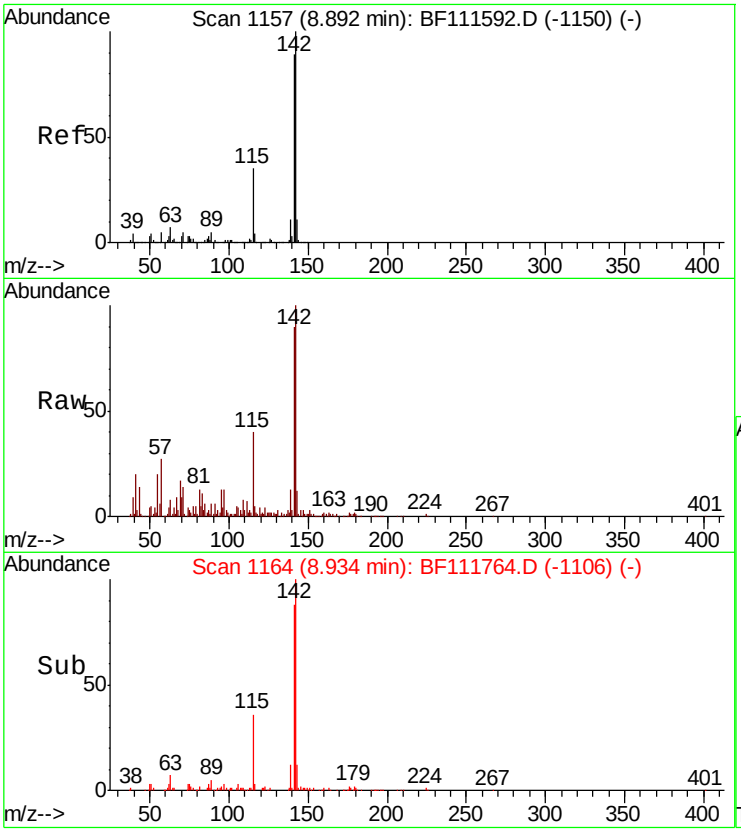


#36
4-Chloro-3-methylphenol
Concen: 21.332 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:107 Resp: 78446

Ion	Ratio	Lower	Upper
107	100		
144	4.8	19.8	29.6#
142	3.8	62.3	93.5#



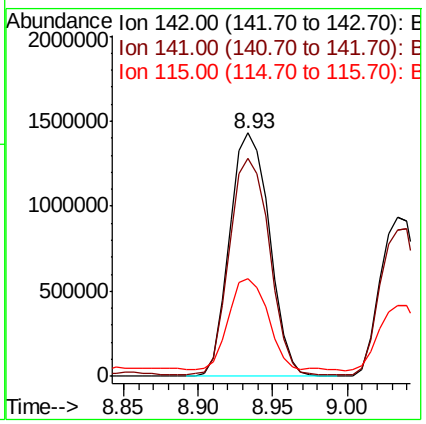


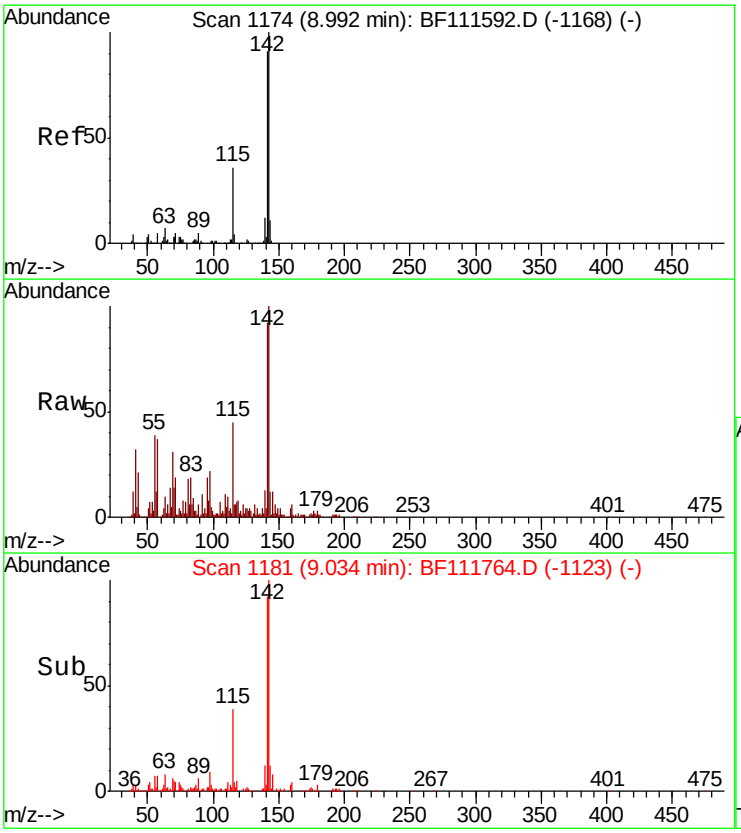
#37
2-Methylnaphthalene
Concen: 351.905 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:142 Resp: 2657879

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.6	105.8
115	40.1	27.0	40.6

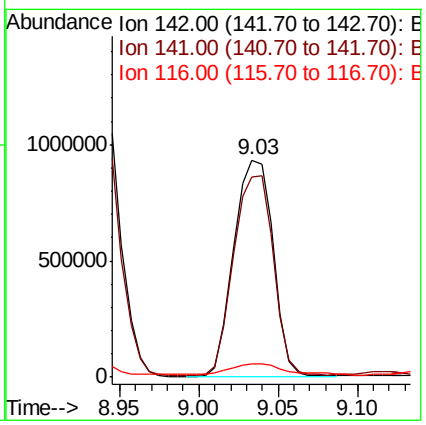


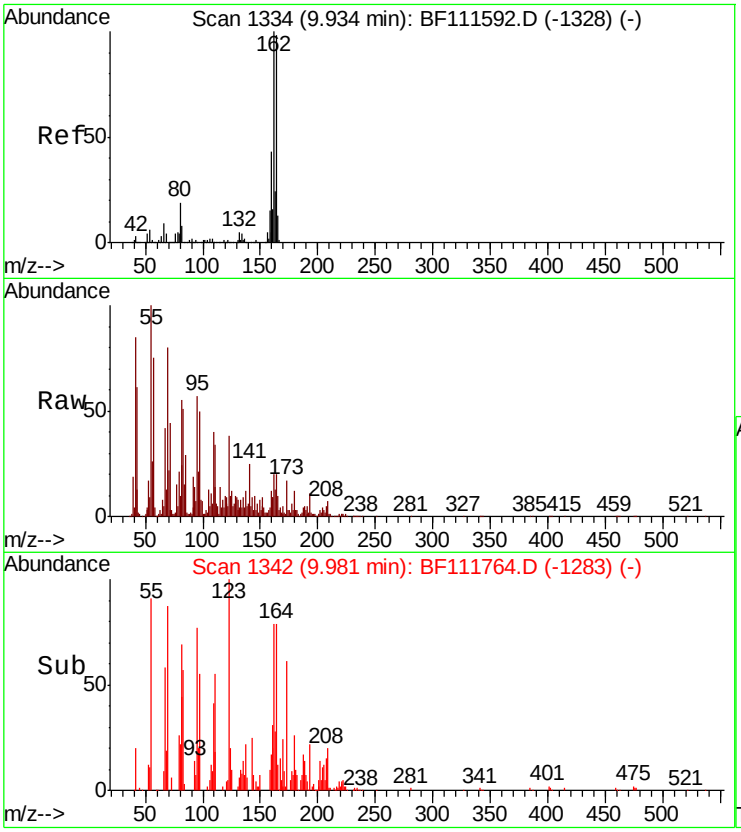


#38
1-Methylnaphthalene
Concen: 220.885 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:142 Resp: 1602260

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	5.9	2.9	4.3#



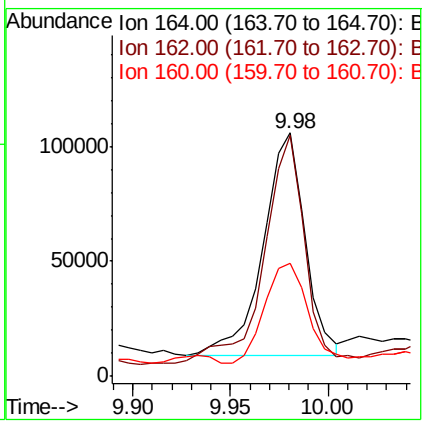


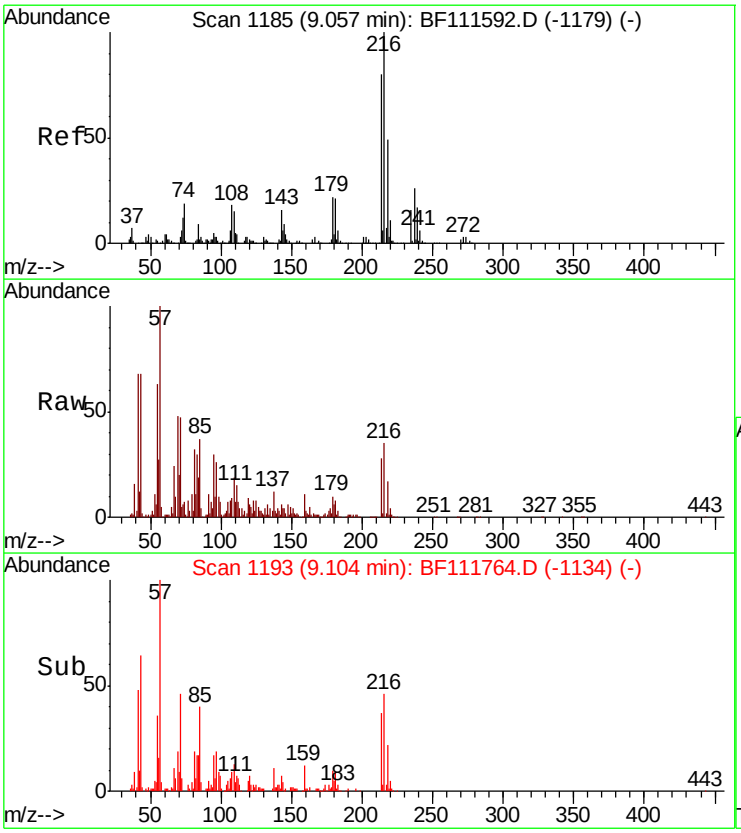
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:164 Resp: 144606

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	46.2	35.7	53.5

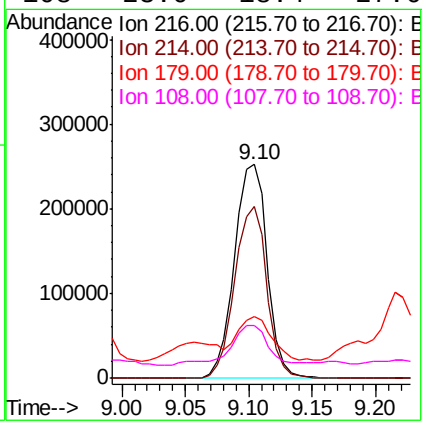


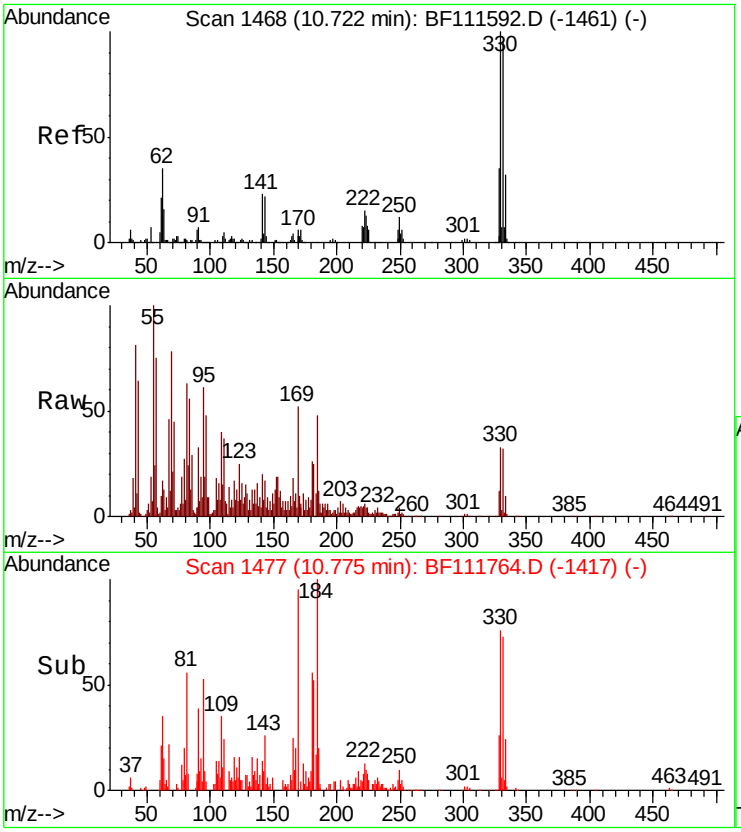


#40
1,2,4,5-Tetrachlorobenzene
Concen: 94.824 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:216 Resp: 450578

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	24.2	17.9	26.9
108	23.0	18.4	27.6



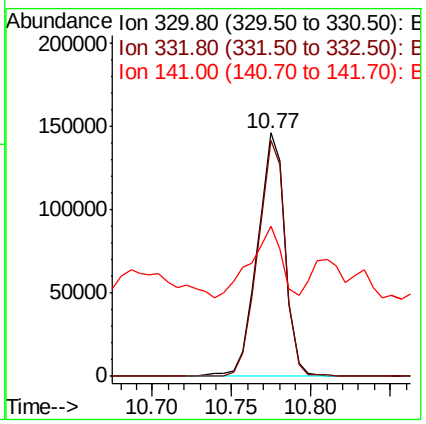


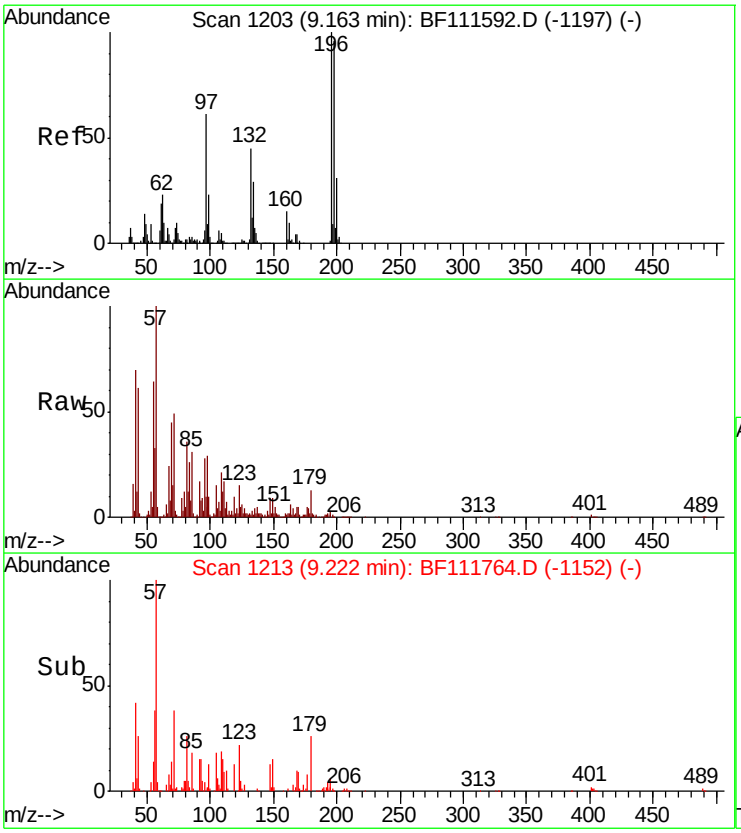
#42
2,4,6-Tribromophenol
Concen: 103.671 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:330 Resp: 177135

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	32.2	31.0	46.6

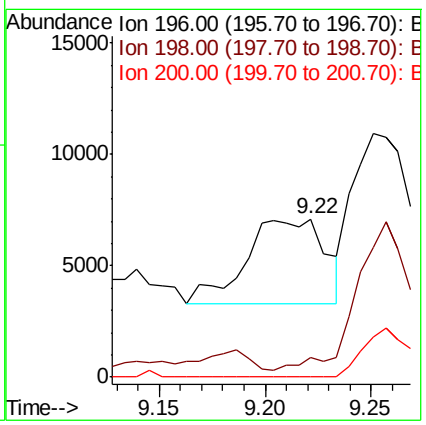


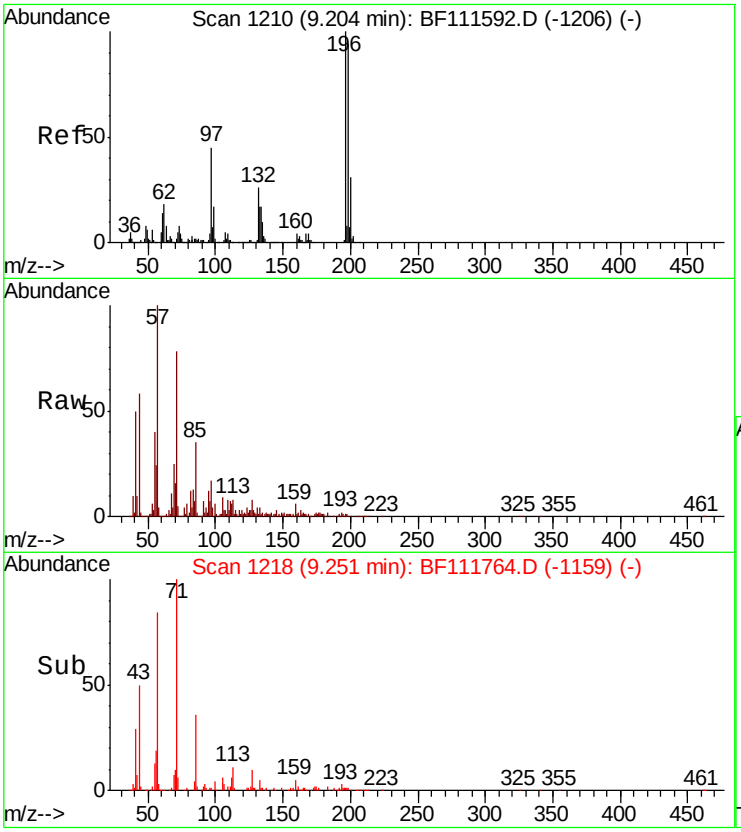


#43
2,4,6-Trichlorophenol
Concen: 3.120 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:196 Resp: 9898

Ion	Ratio	Lower	Upper
196	100		
198	12.2	76.3	114.5#
200	0.0	24.9	37.3#



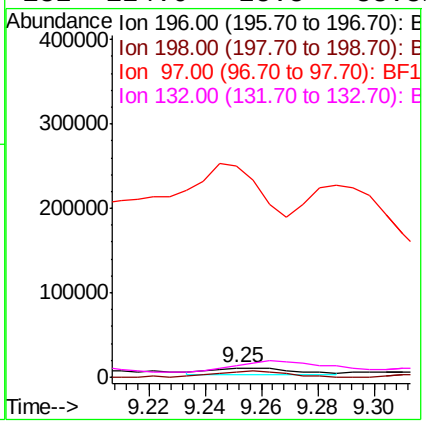


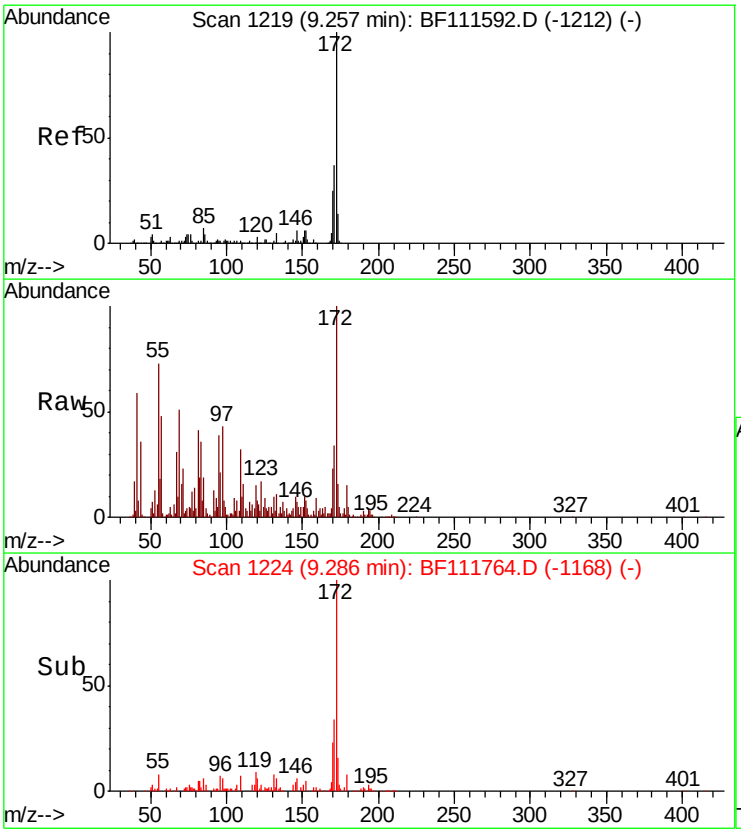
#44
2,4,5-Trichlorophenol
Concen: 5.174 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:196 Resp: 16841

Ion	Ratio	Lower	Upper
196	100		
198	53.3	72.9	109.3#
97	2292.7	45.3	67.9#
132	124.0	25.5	38.3#

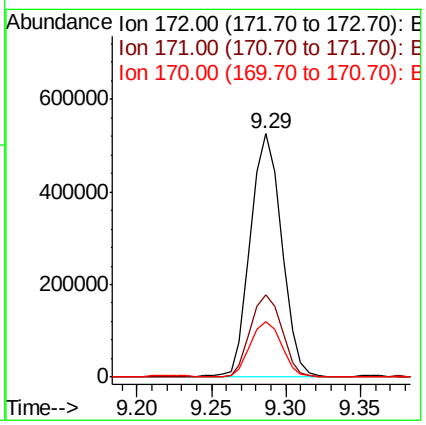


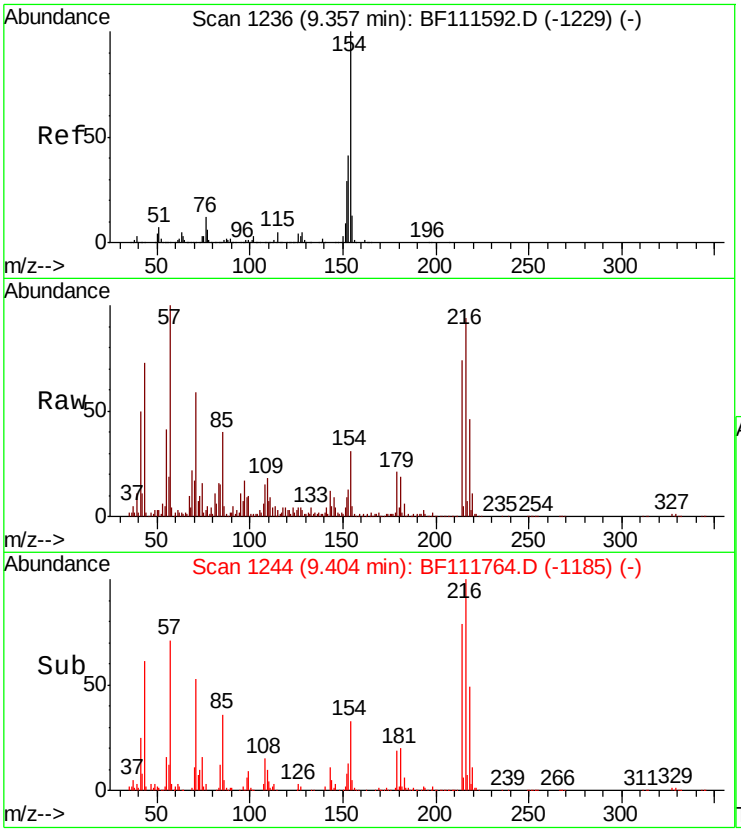


#45
2-Fluorobiphenyl
Concen: 76.687 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:172 Resp: 760810

Ion	Ratio	Lower	Upper
172	100		
171	33.7	33.0	49.4
170	23.0	22.3	33.5



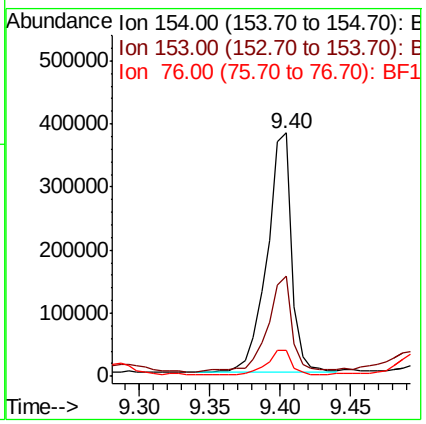


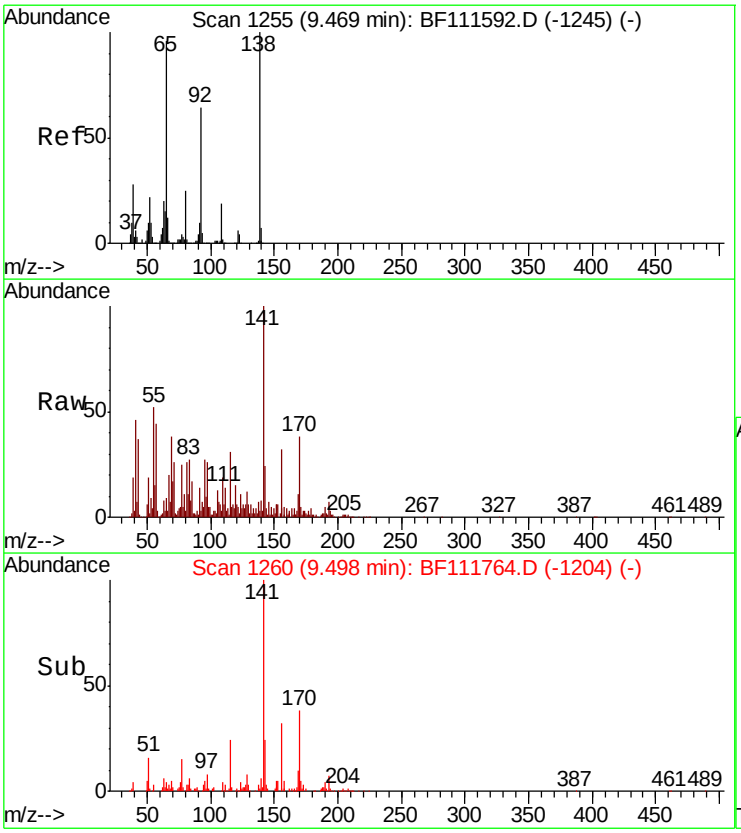
#46
1,1'-Biphenyl
Concen: 38.251 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:154 Resp: 466931

Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.7	63.7
76	10.6	0.0	35.0

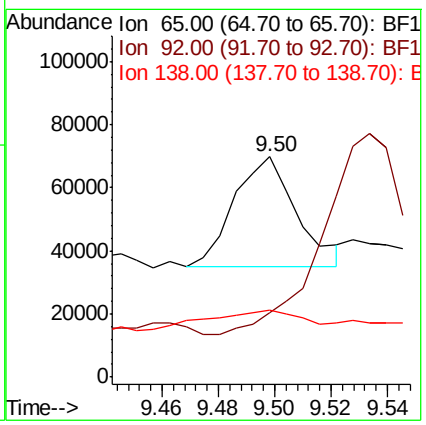


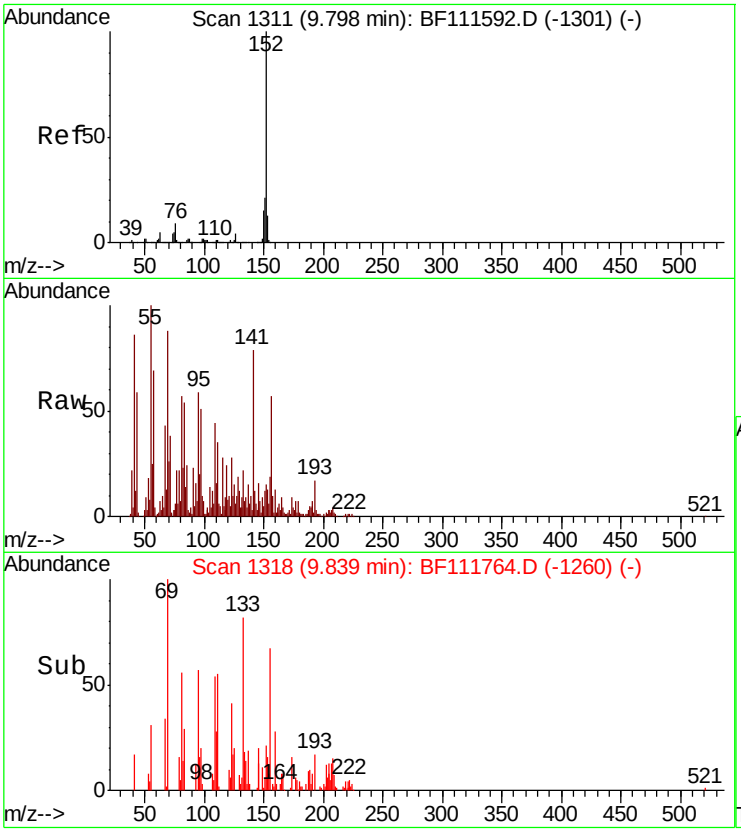


#48
2-Nitroaniline
Concen: 21.431 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.03 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 65 Resp: 53921

Ion	Ratio	Lower	Upper
65	100		
92	29.4	53.5	80.3#
138	30.5	80.9	121.3#



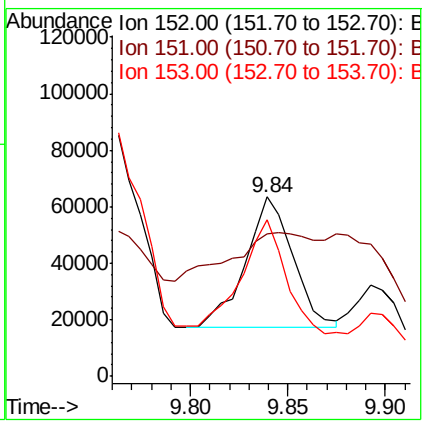


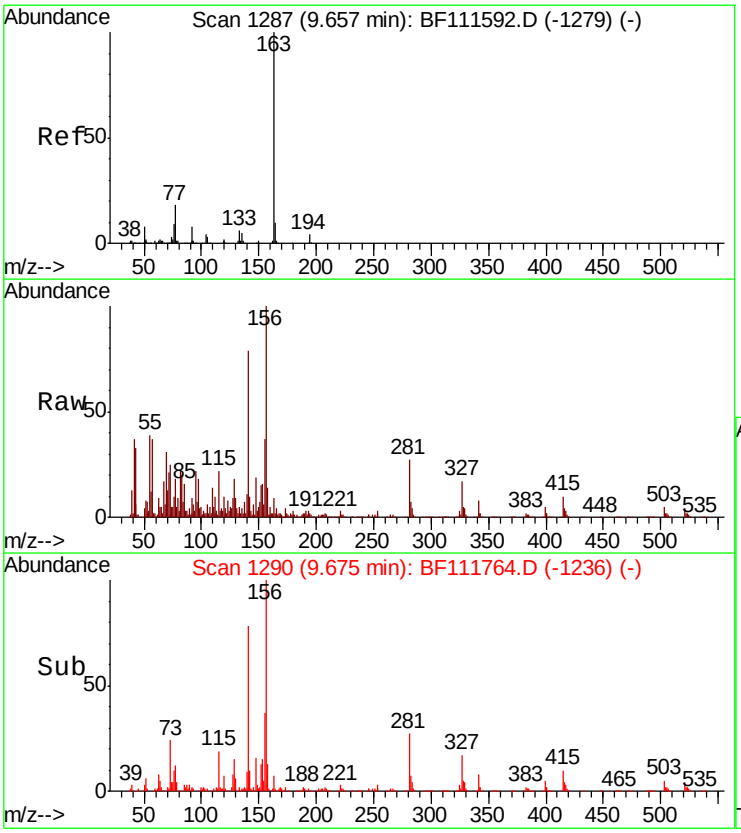
#49
Acenaphthylene
Concen: 5.563 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:152 Resp: 78549

Ion	Ratio	Lower	Upper
152	100		
151	79.3	18.0	27.0#
153	87.3	12.3	18.5#

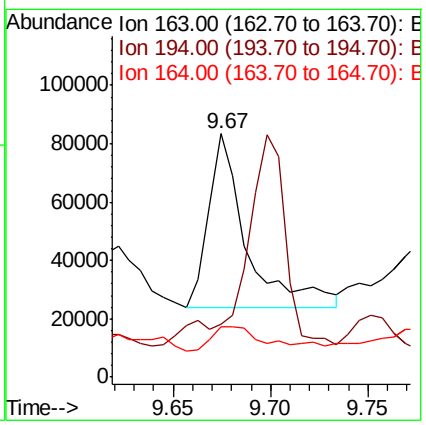


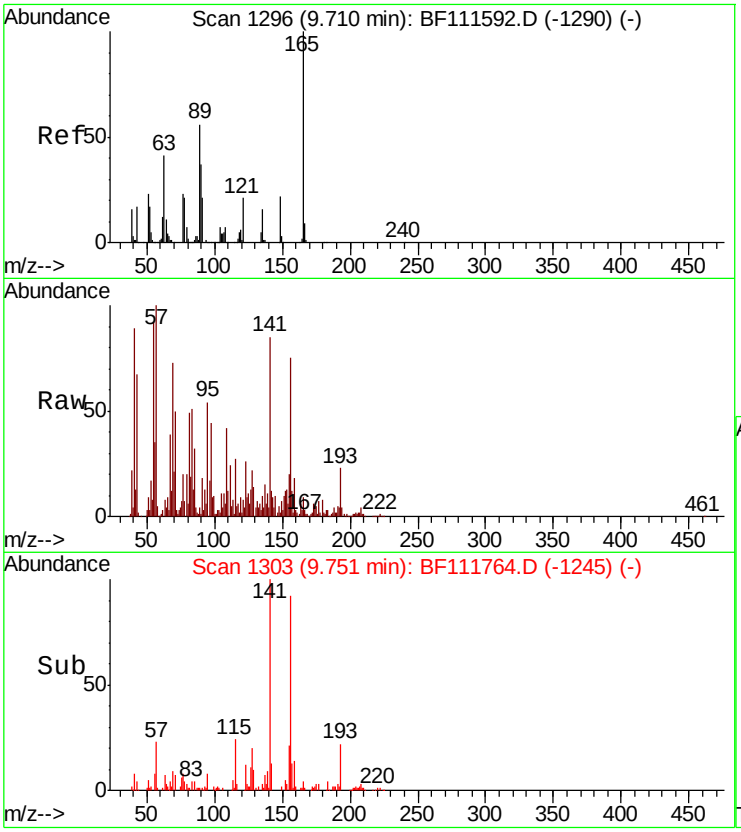


#50
Dimethylphthalate
Concen: 7.680 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:163 Resp: 81212

Ion	Ratio	Lower	Upper
163	100		
194	22.0	3.0	4.6#
164	20.5	8.9	13.3#



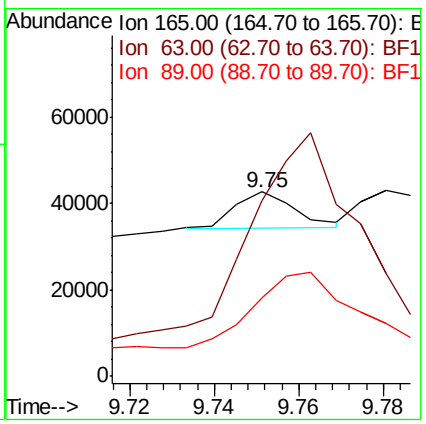


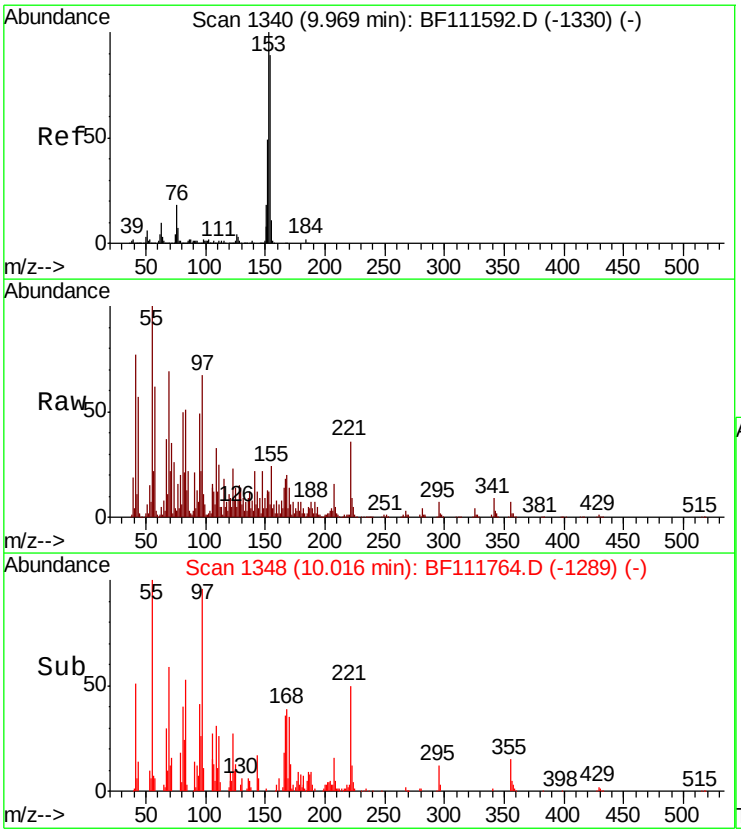
#51
2,6-Dinitrotoluene
Concen: 3.921 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:165 Resp: 8267

Ion	Ratio	Lower	Upper
165	100		
63	95.1	40.5	60.7#
89	42.7	40.0	60.0

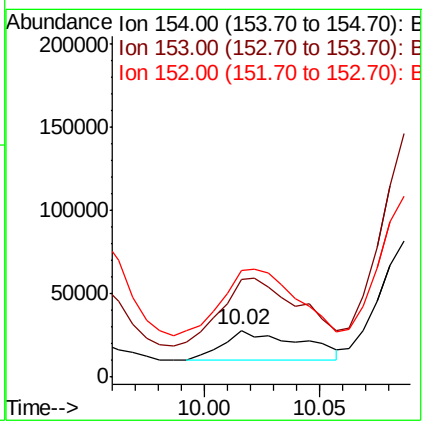


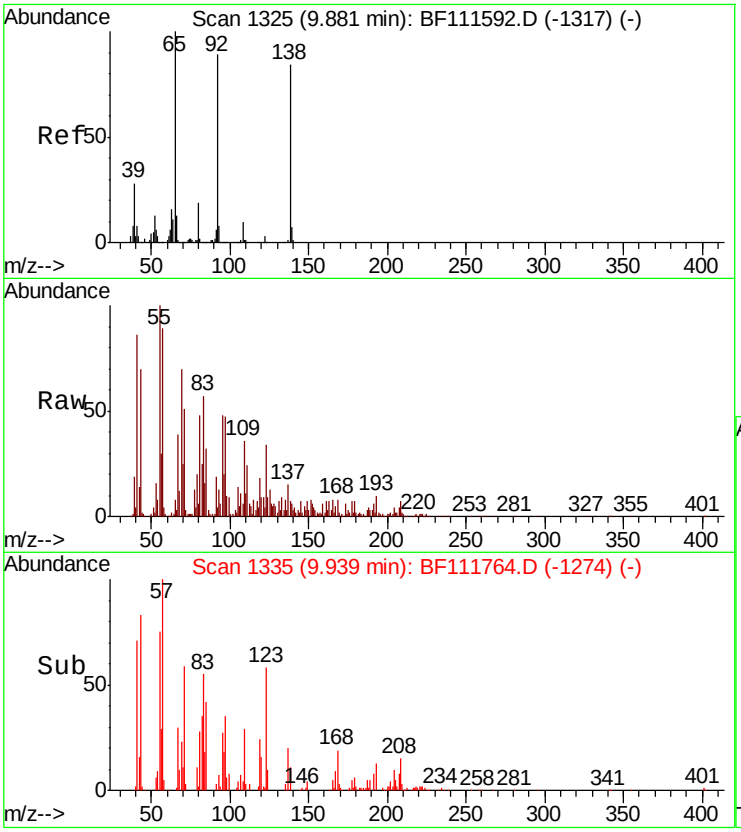


#52
Acenaphthene
Concen: 4.770 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:154 Resp: 41540

Ion	Ratio	Lower	Upper
154	100		
153	209.9	87.8	131.8#
152	230.3	43.4	65.2#



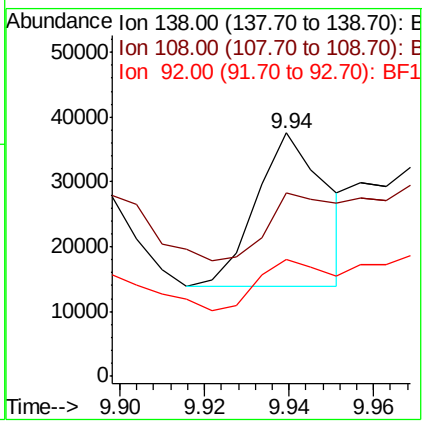


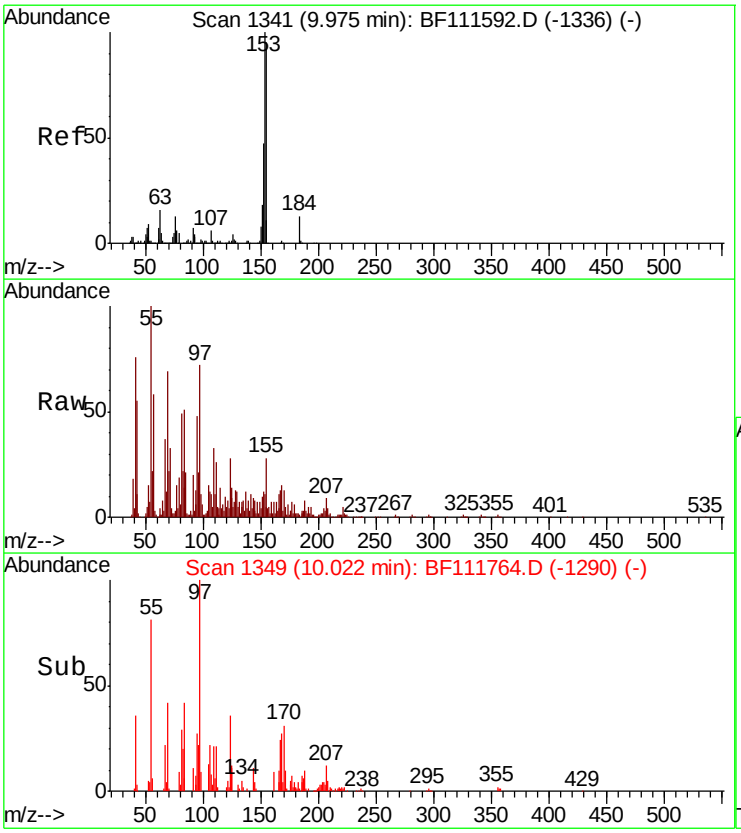
#53
3-Nitroaniline
Concen: 12.263 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:138 Resp: 27576

Ion	Ratio	Lower	Upper
138	100		
108	75.3	8.2	12.4#
92	47.9	93.4	140.2#

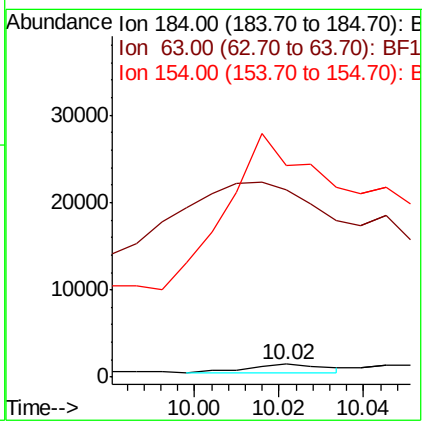


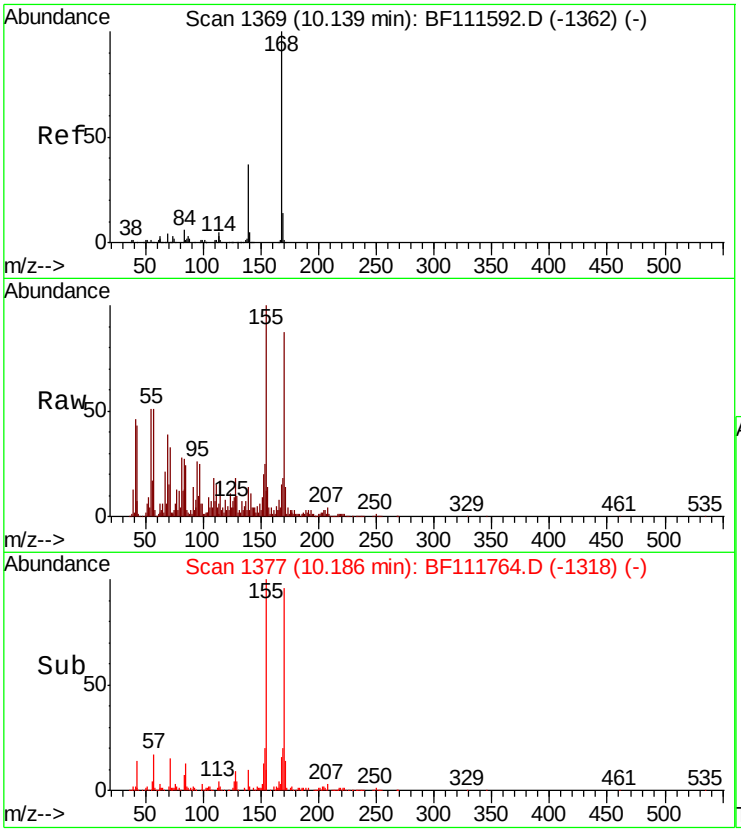


#54
2,4-Dinitrophenol
Concen: 9.214 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:184 Resp: 1420

Ion	Ratio	Lower	Upper
184	100		
63	1470.4	62.3	93.5#
154	1662.0	56.2	84.2#



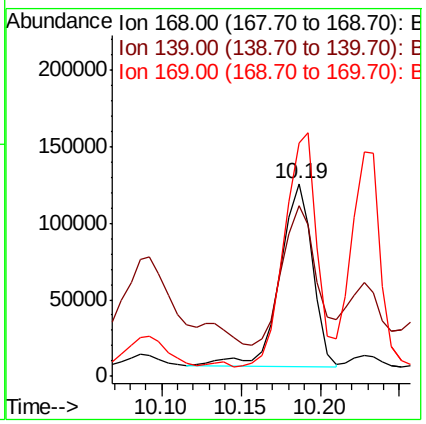


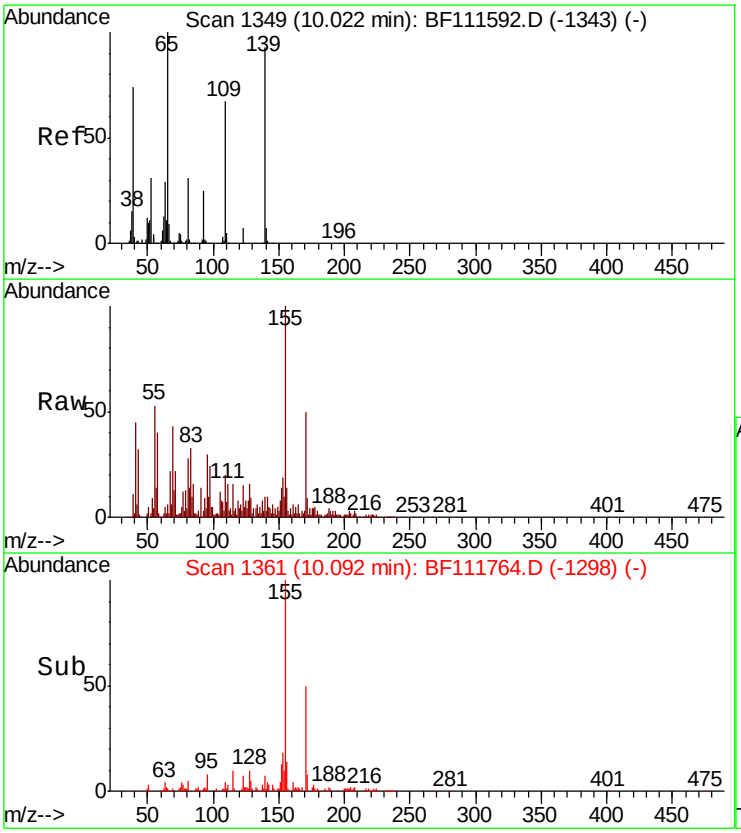
#55
Dibenzofuran
Concen: 12.941 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:168 Resp: 170279

Ion	Ratio	Lower	Upper
168	100		
139	88.3	32.6	49.0#
169	120.9	11.8	17.6#

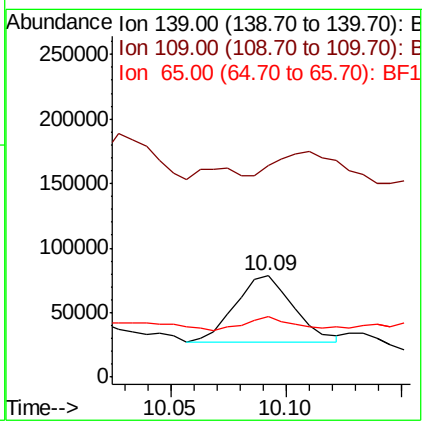


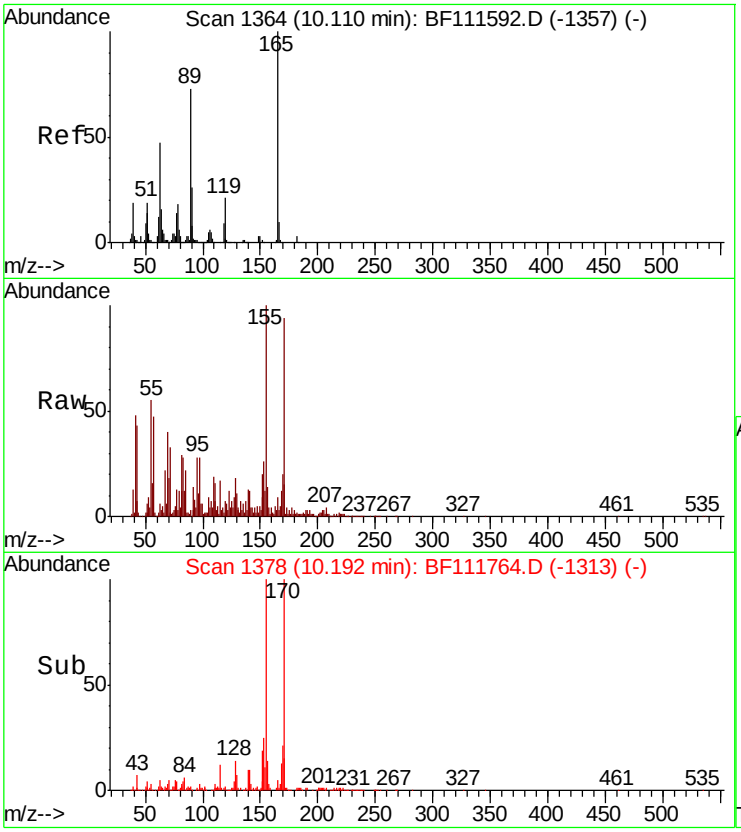


#56
4-Nitrophenol
Concen: 54.045 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.07 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:139 Resp: 92750

Ion	Ratio	Lower	Upper
139	100		
109	209.7	41.8	81.8#
65	60.2	79.6	119.6#



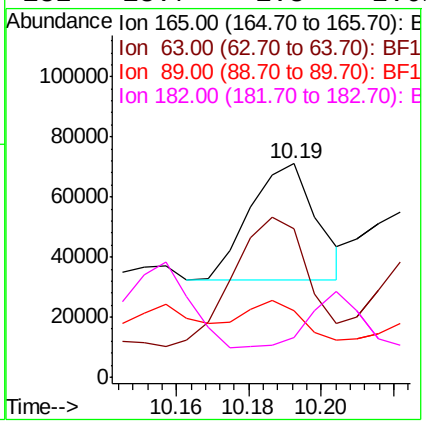


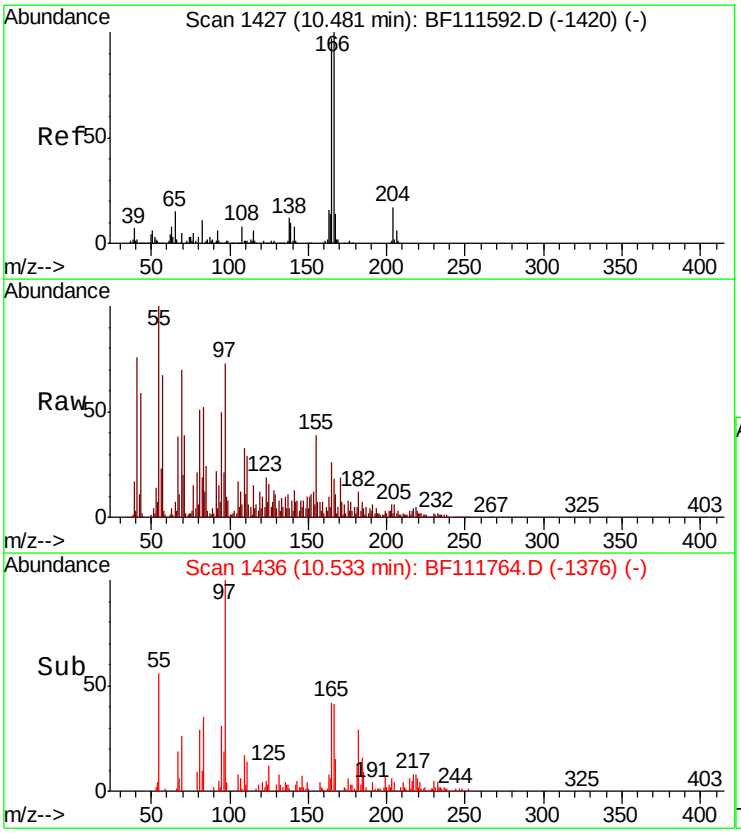
#57
2,4-Dinitrotoluene
Concen: 19.276 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:165 Resp: 48850

Ion	Ratio	Lower	Upper
165	100		
63	69.5	34.6	52.0#
89	31.3	56.2	84.4#
182	18.7	1.8	2.6#

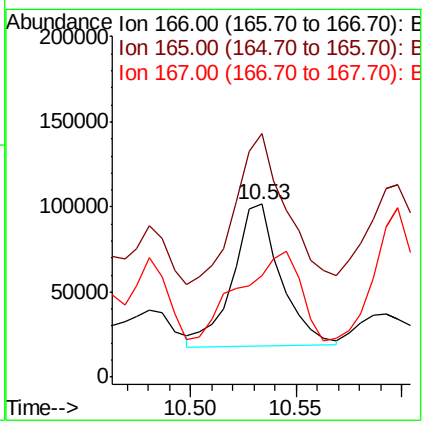


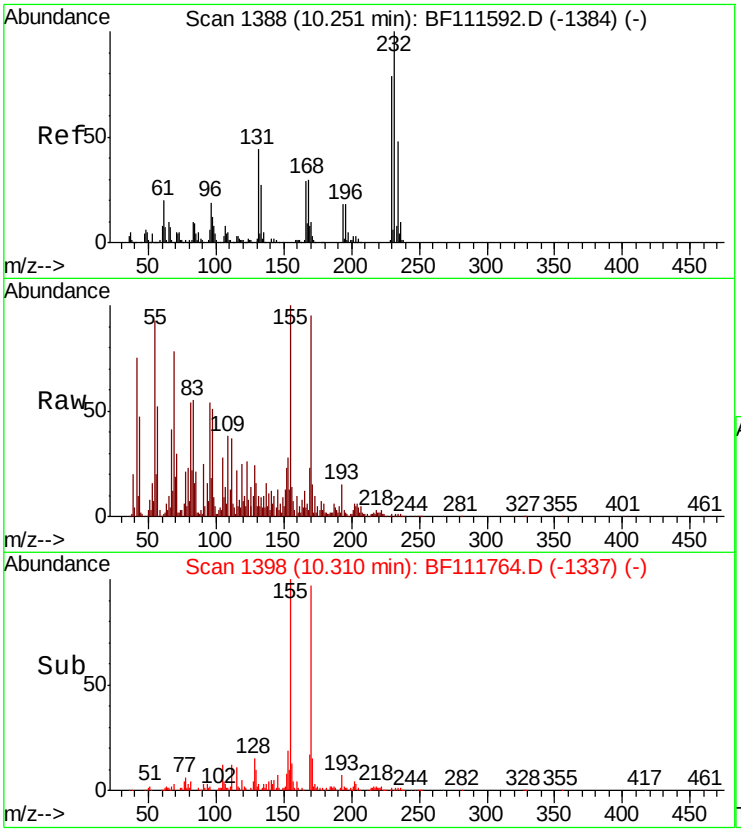


#58
Fluorene
Concen: 13.668 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:166 Resp: 129595

Ion	Ratio	Lower	Upper
166	100		
165	140.7	78.4	117.6#
167	58.4	11.2	16.8#



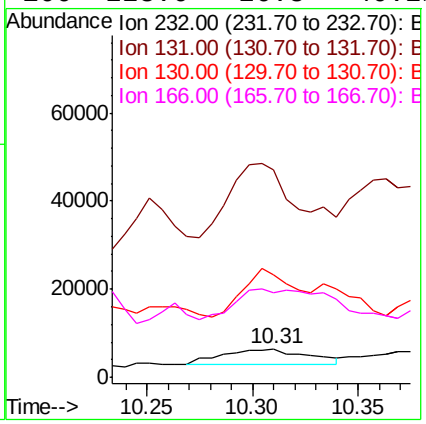


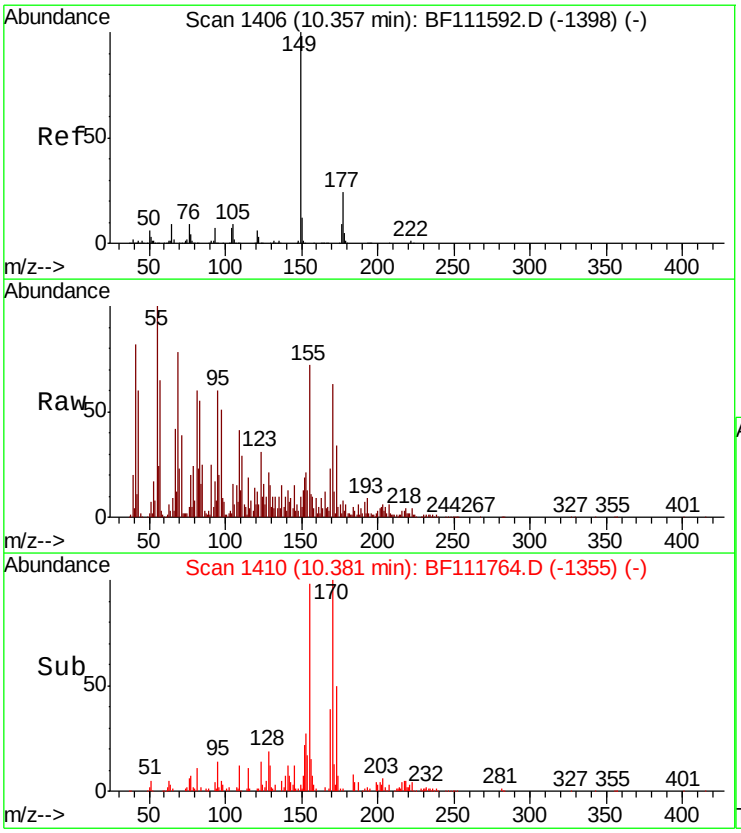
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.704 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:232 Resp: 10144

Ion	Ratio	Lower	Upper
232	100		
131	325.0	40.9	61.3#
130	184.3	2.0	3.0#
166	223.6	26.8	40.2#

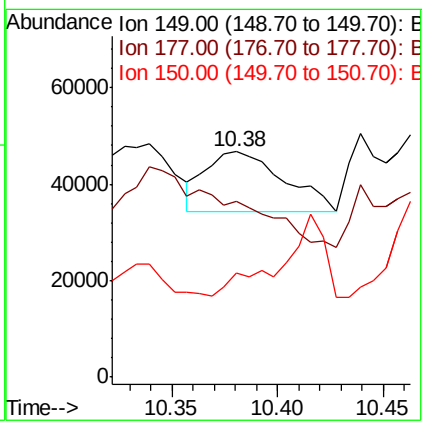


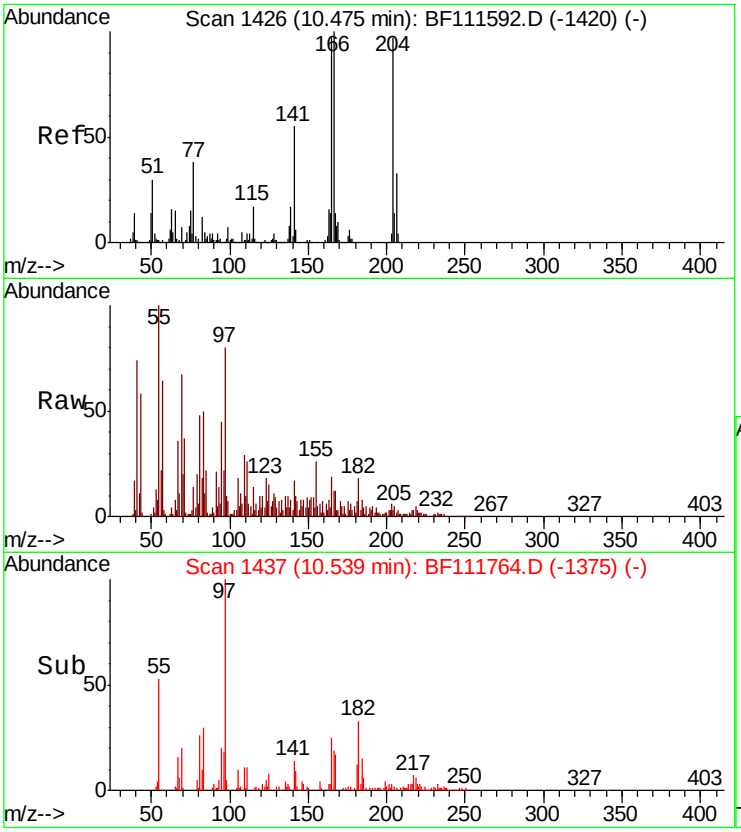


#60
Diethylphthalate
Concen: 3.021 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:149 Resp: 31339

Ion	Ratio	Lower	Upper
149	100		
177	78.2	18.3	27.5#
150	46.1	10.6	15.8#



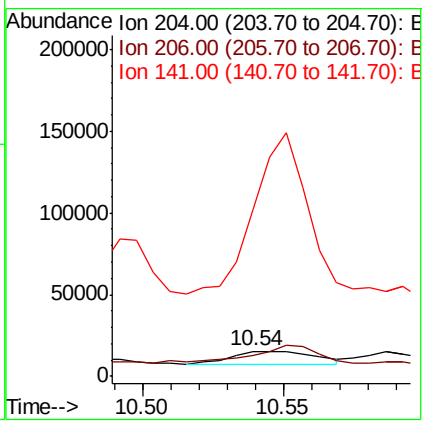


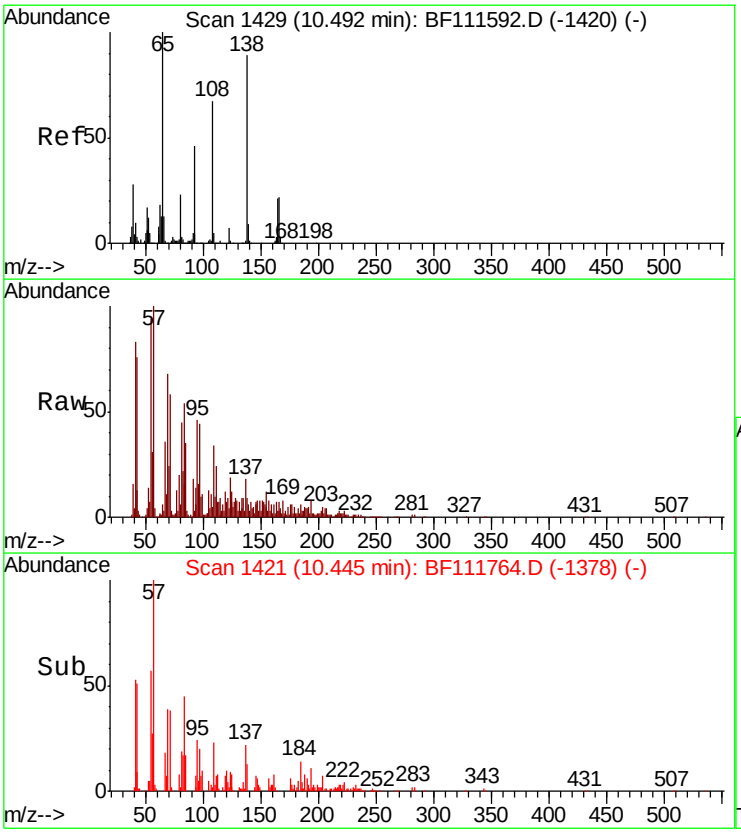
#61
4-Chlorophenyl-phenylether
Concen: 2.885 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:204 Resp: 15110

Ion	Ratio	Lower	Upper
204	100		
206	81.0	26.6	39.8#
141	660.2	52.6	78.8#

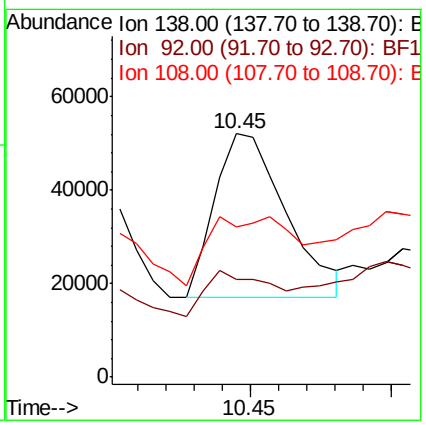


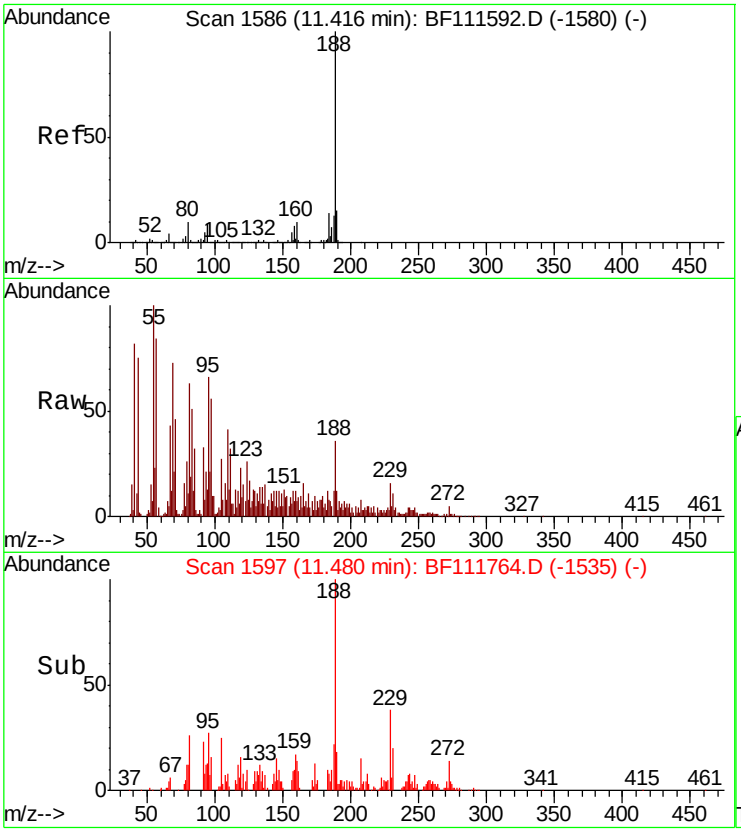


#62
4-Nitroaniline
Concen: 27.964 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:138 Resp: 61120

Ion	Ratio	Lower	Upper
138	100		
92	40.4	29.9	69.9
108	61.9	43.2	83.2



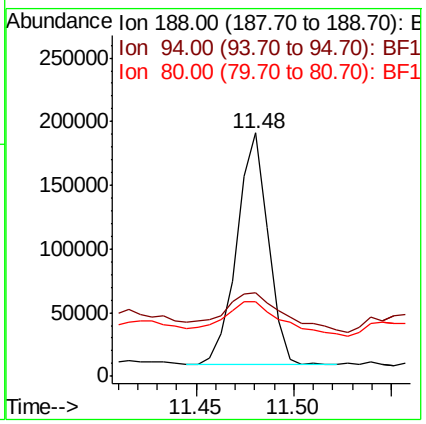


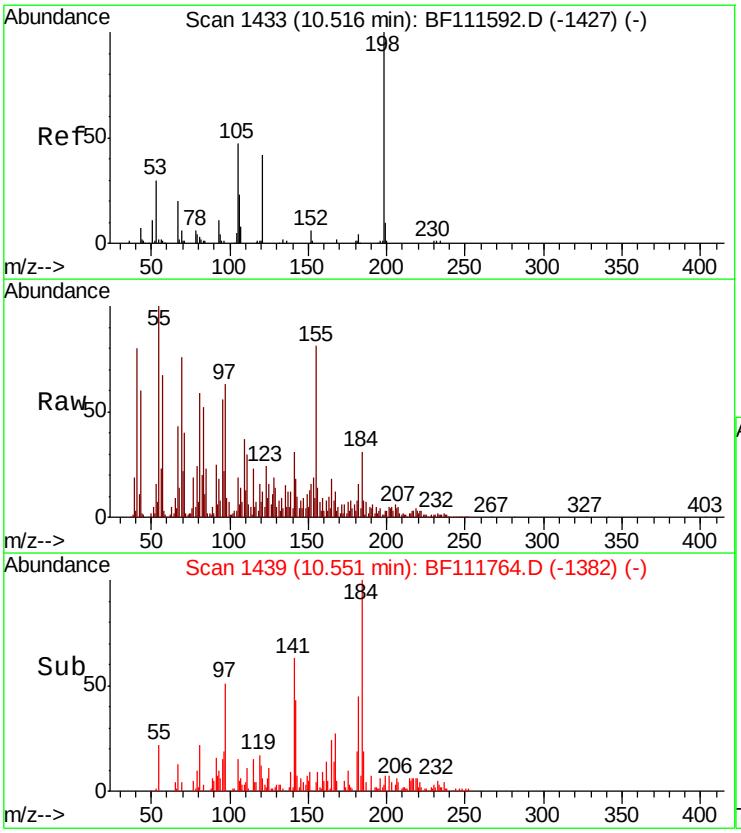
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:188 Resp: 203541

Ion	Ratio	Lower	Upper
188	100		
94	34.5	9.6	14.4#
80	30.9	9.8	14.6#

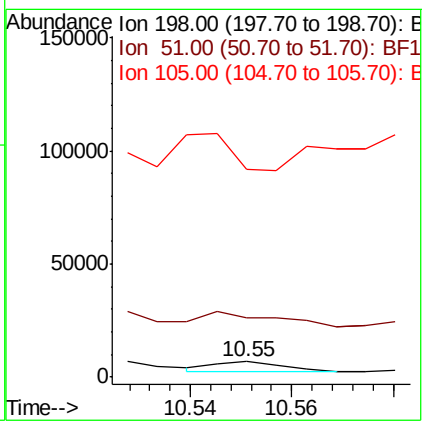


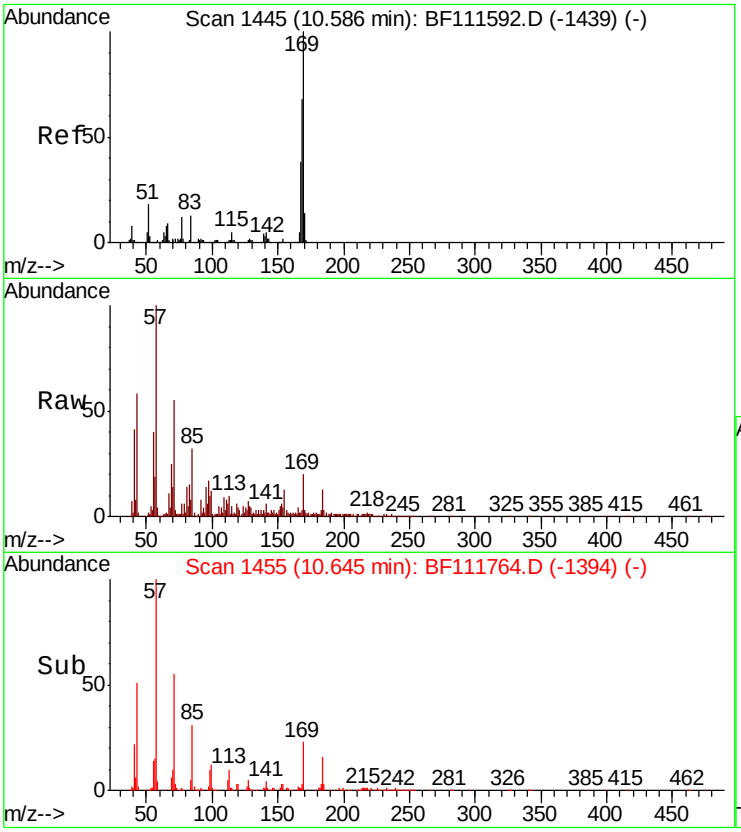


#65
4,6-Dinitro-2-methylphenol
Concen: 11.152 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.04 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:198 Resp: 4359

Ion	Ratio	Lower	Upper
198	100		
51	382.7	48.0	88.0#
105	1331.0	34.0	74.0#



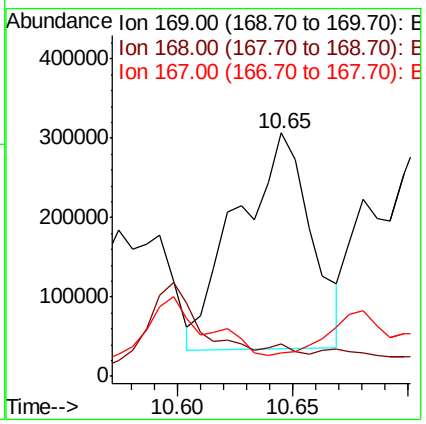


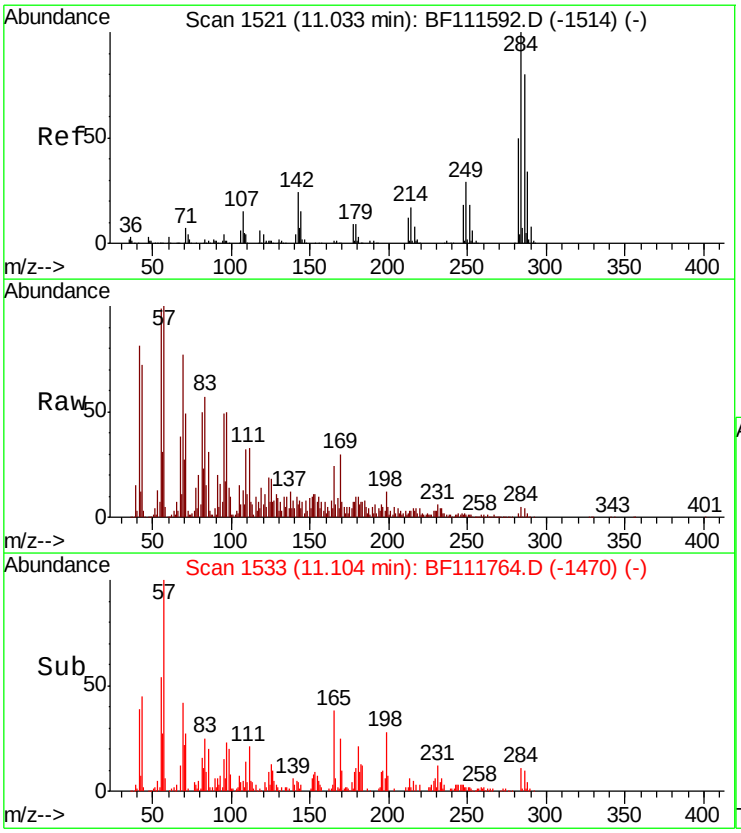
#66
n-Nitrosodiphenylamine
Concen: 88.050 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:169 Resp: 601600

Ion	Ratio	Lower	Upper
169	100		
168	13.1	54.4	81.6#
167	9.5	30.5	45.7#

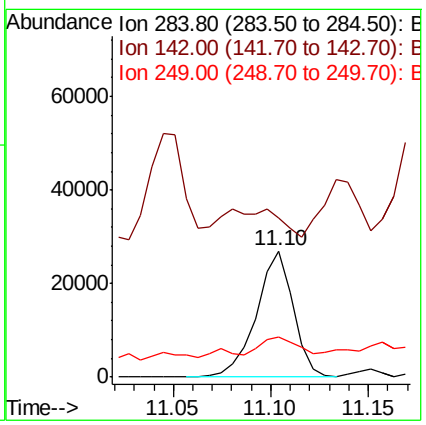


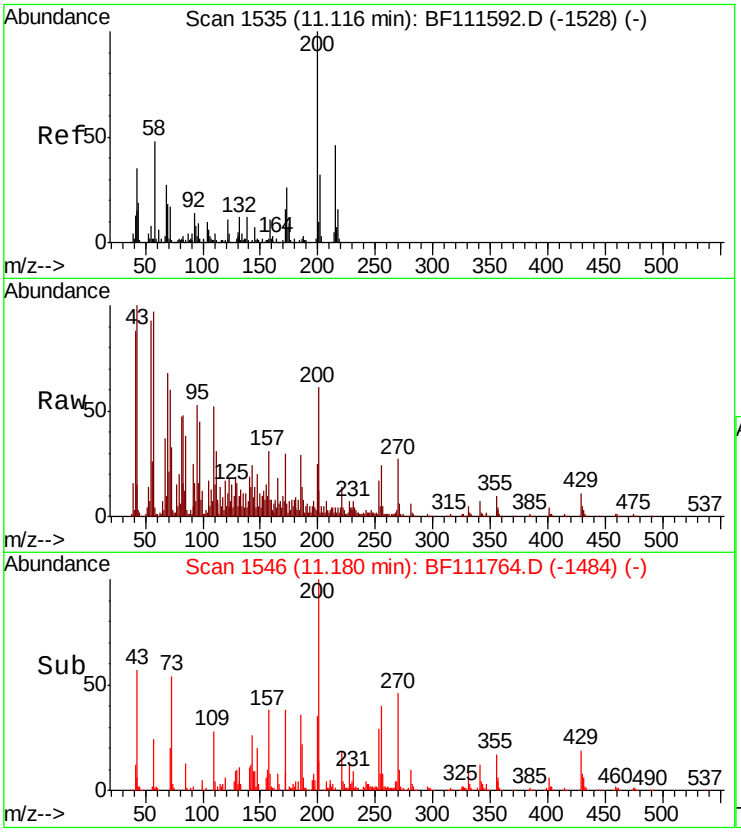


#68
Hexachlorobenzene
Concen: 12.458 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.07 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:284 Resp: 35066

Ion	Ratio	Lower	Upper
284	100		
142	126.3	27.4	41.2#
249	32.1	24.4	36.6



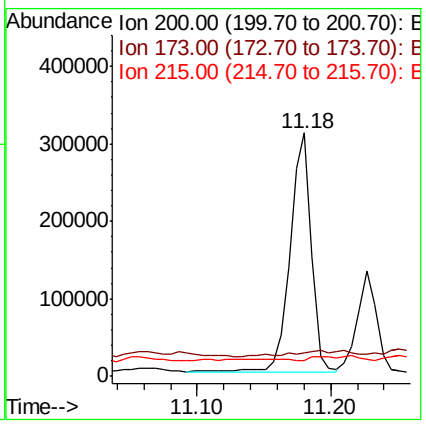


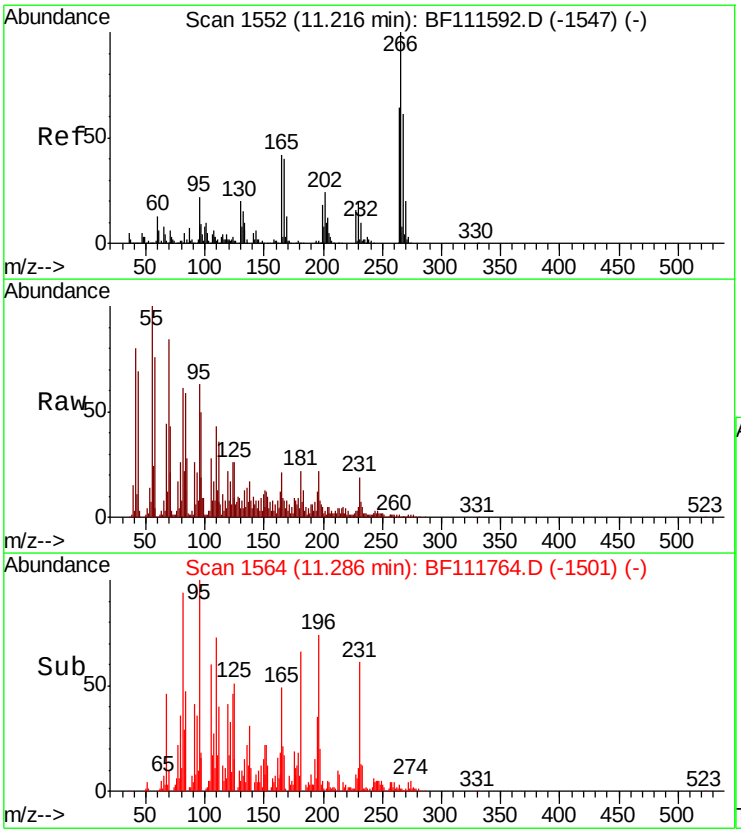
#69
Atrazine
Concen: 142.910 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:200 Resp: 339215

Ion	Ratio	Lower	Upper
200	100		
173	9.8	10.1	50.1#
215	6.7	26.9	66.9#

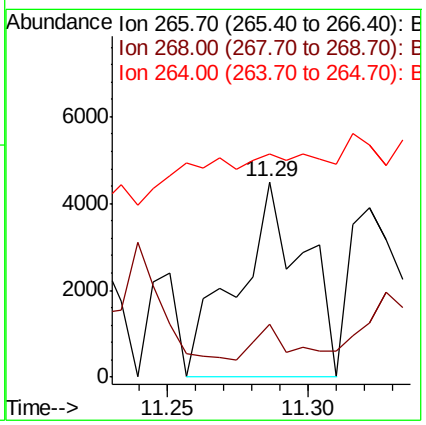


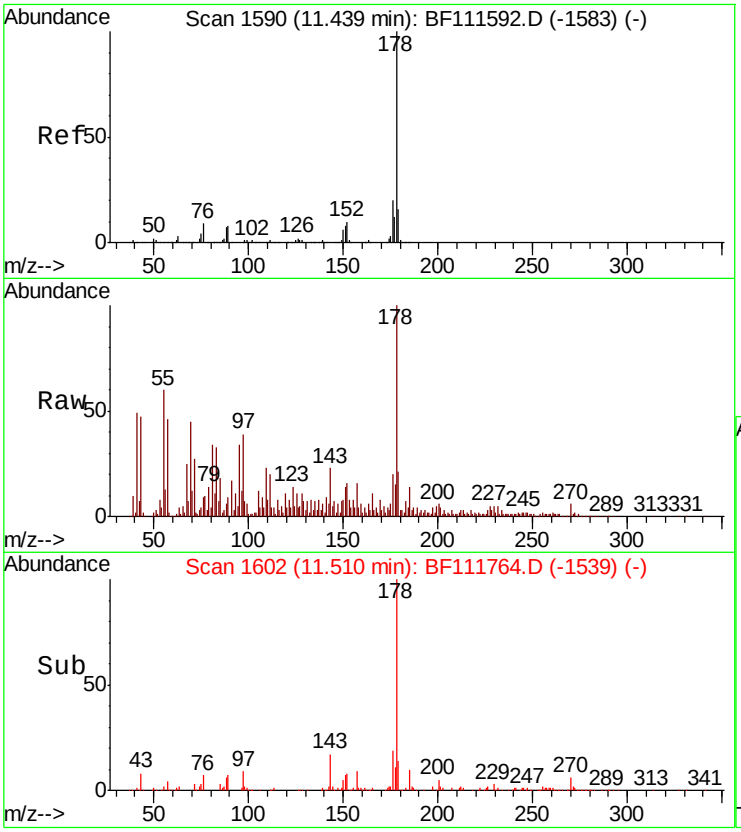


#70
Pentachlorophenol
Concen: 4.243 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.07 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:266 Resp: 7383

Ion	Ratio	Lower	Upper
266	100		
268	27.2	47.9	71.9#
264	114.4	49.1	73.7#



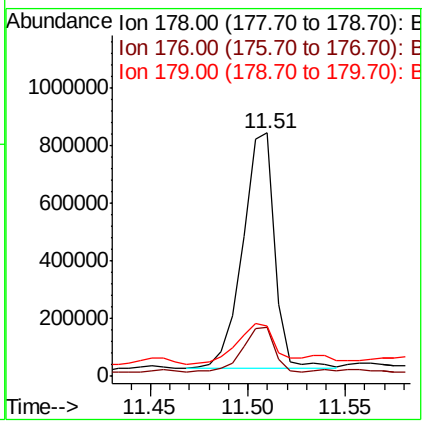


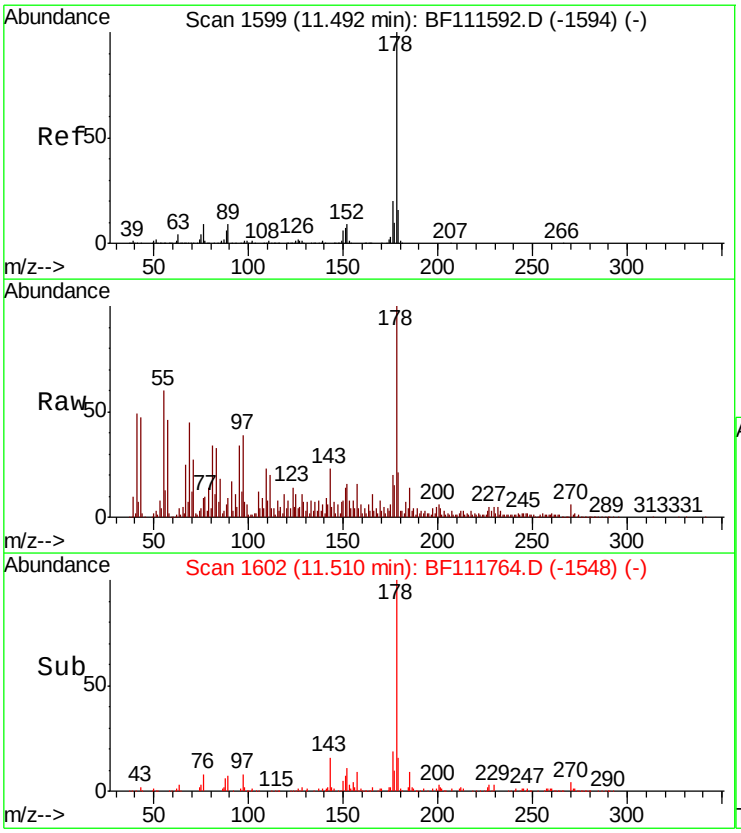
#71
Phenanthrene
Concen: 85.914 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.07 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:178 Resp: 927408

Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.1	27.1
179	20.6	14.0	21.0

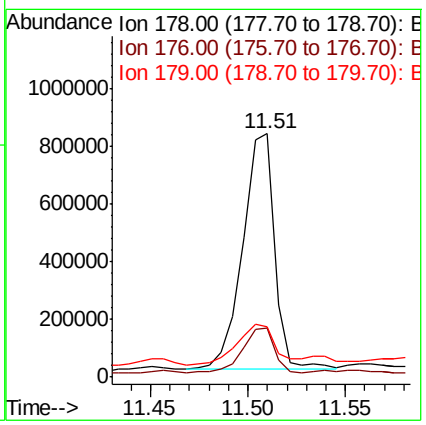


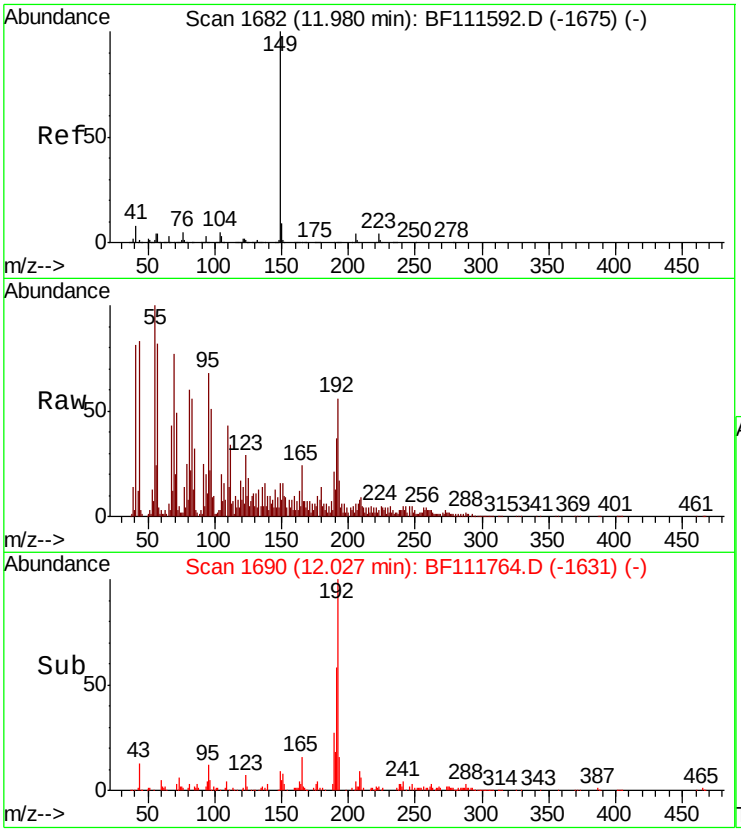


#72
Anthracene
Concen: 85.594 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:178 Resp: 927408

Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	20.6	13.8	20.8



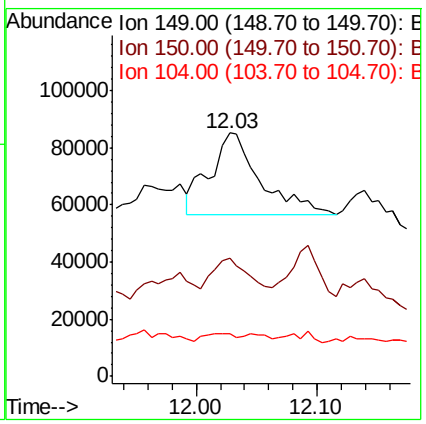


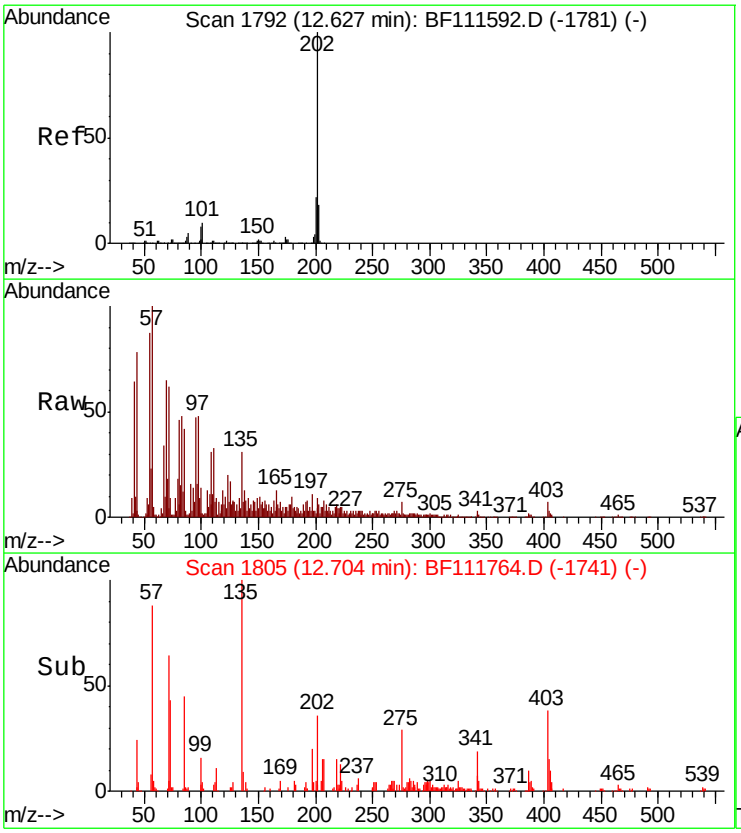
#74
Di-n-butylphthalate
Concen: 7.029 ng
RT: 12.03 min Scan# 1690
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:149 Resp: 82896

Ion	Ratio	Lower	Upper
149	100		
150	48.4	8.8	13.2#
104	17.6	4.5	6.7#

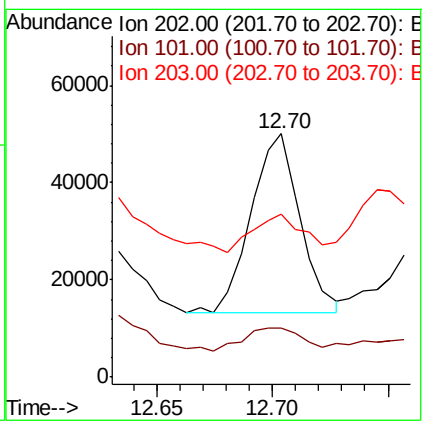


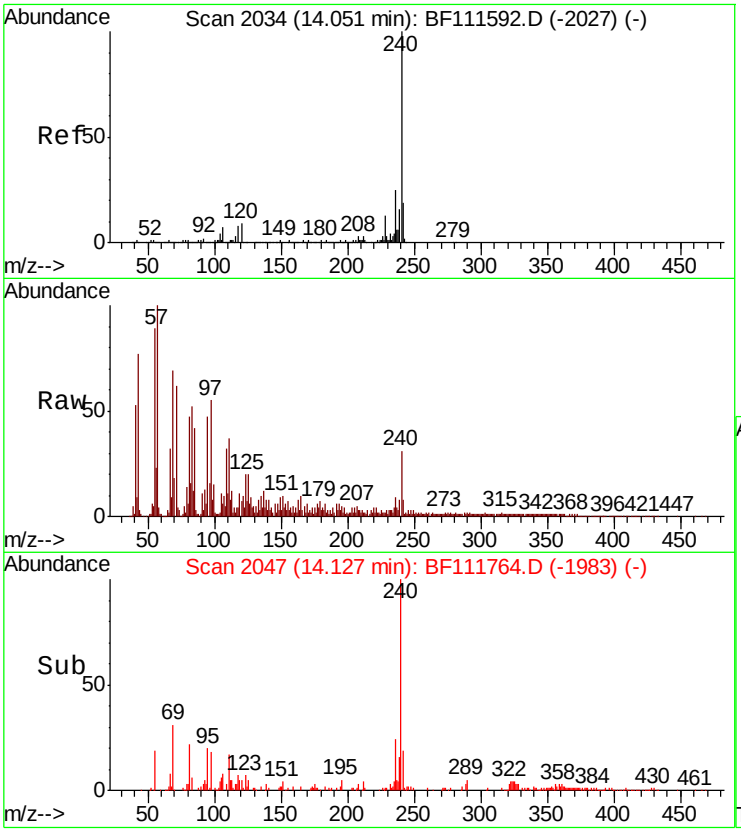


#75
Fluoranthene
Concen: 4.983 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:202 Resp: 54468

Ion	Ratio	Lower	Upper
202	100		
101	19.9	0.0	33.8
203	67.2	0.0	38.6#



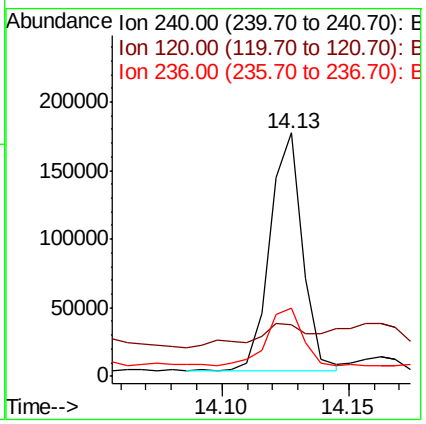


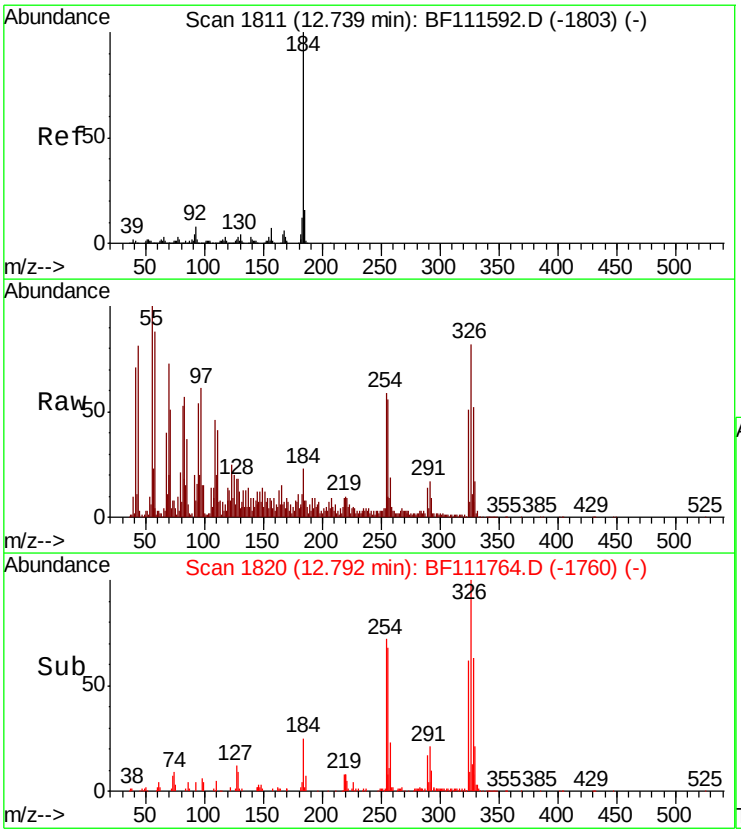
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:240 Resp: 156195

Ion	Ratio	Lower	Upper
240	100		
120	21.2	12.2	18.2#
236	28.2	20.2	30.2

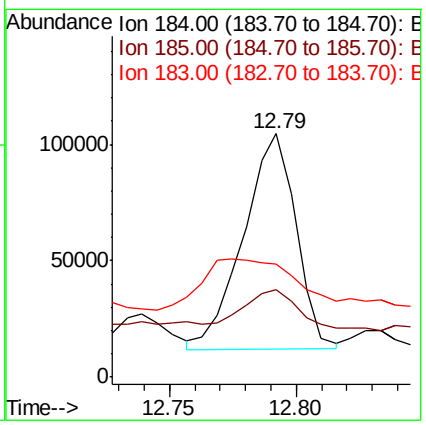


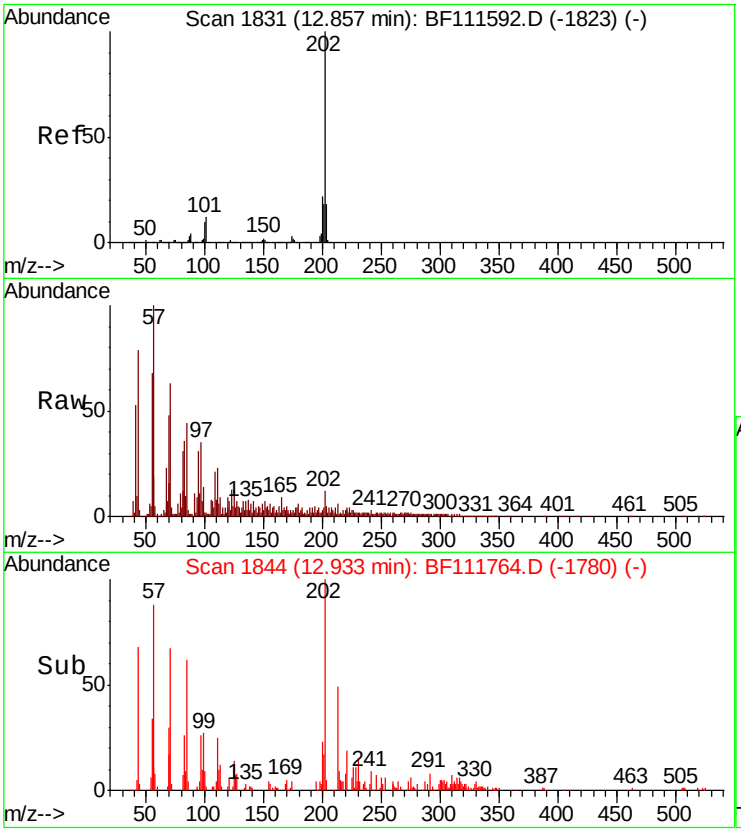


#77
Benzidine
Concen: 22.701 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:184 Resp: 133428

Ion	Ratio	Lower	Upper
184	100		
185	35.7	13.0	19.6#
183	46.5	9.3	13.9#



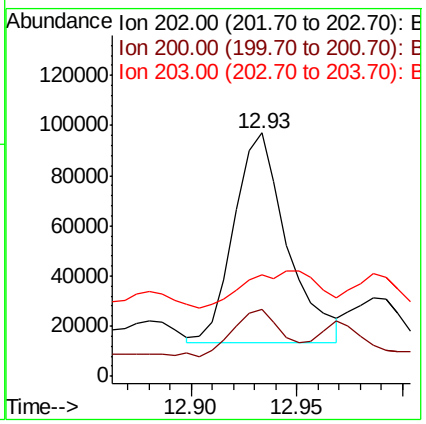


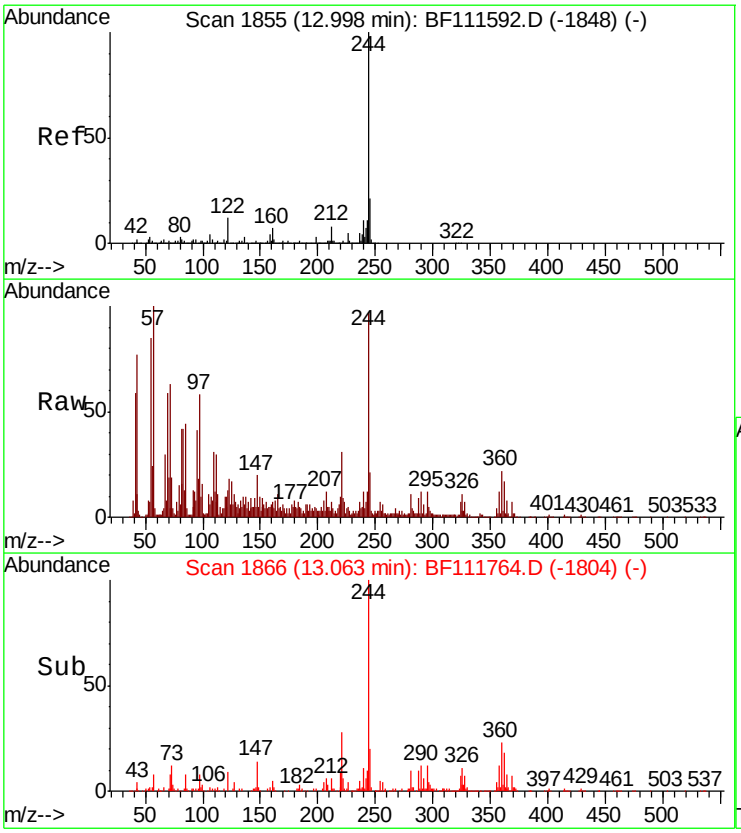
#78
Pyrene
Concen: 13.306 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:202 Resp: 146772

Ion	Ratio	Lower	Upper
202	100		
200	27.4	19.0	28.4
203	41.5	15.2	22.8#

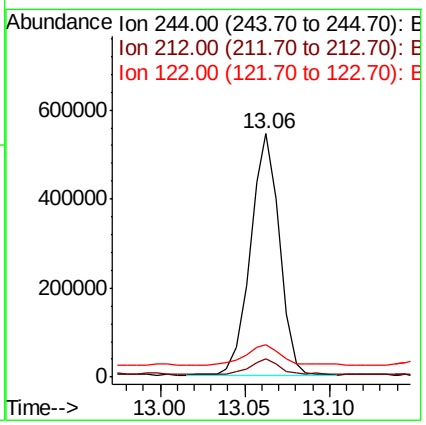


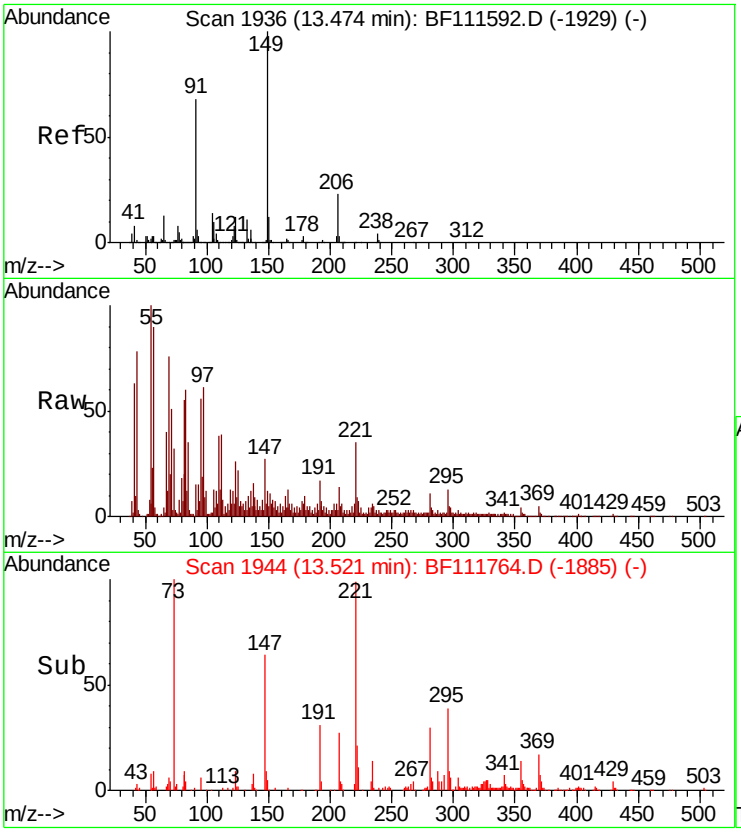


#79
Terphenyl-d14
Concen: 77.649 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:244 Resp: 639546

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.4	13.1	19.7



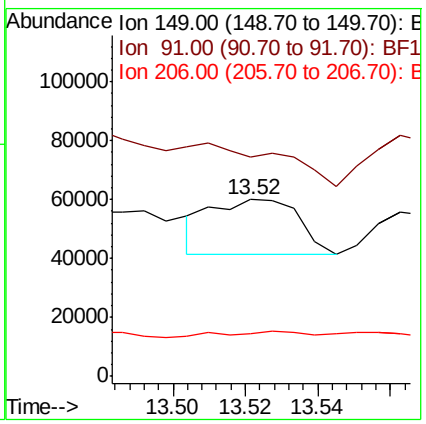


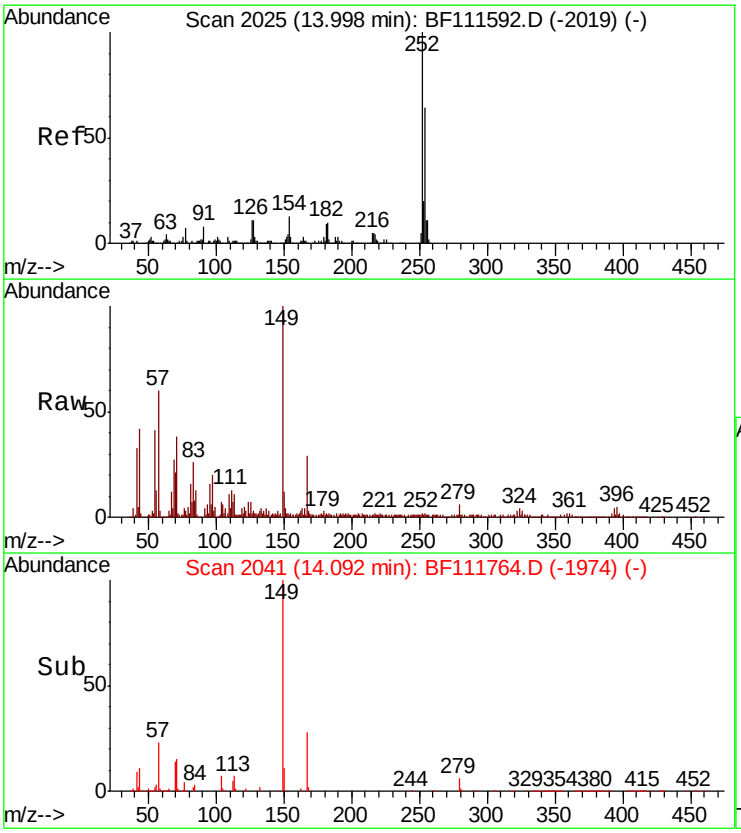
#80
Butylbenzylphthalate
Concen: 7.013 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.05 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:149 Resp: 31533

Ion	Ratio	Lower	Upper
149	100		
91	124.1	63.8	95.6#
206	24.0	15.1	22.7#

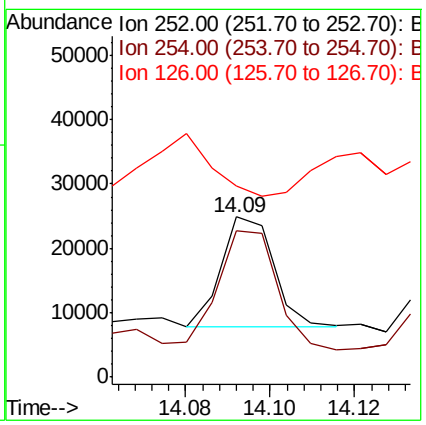


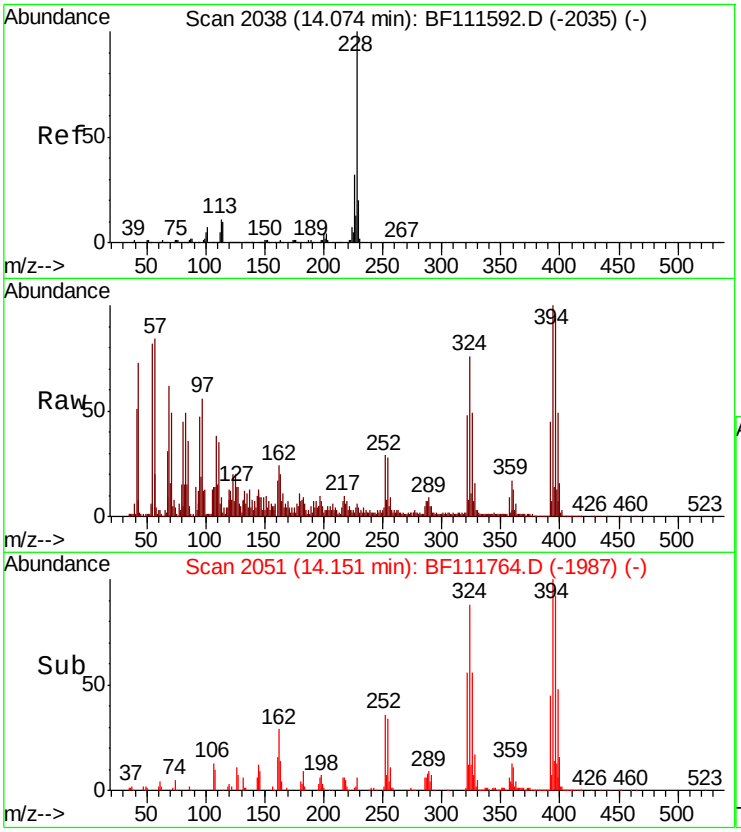


#82
3,3'-Dichlorobenzidine
Concen: 4.222 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.09 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:252 Resp: 14869

Ion	Ratio	Lower	Upper
252	100		
254	91.1	52.7	79.1#
126	119.3	11.1	16.7#



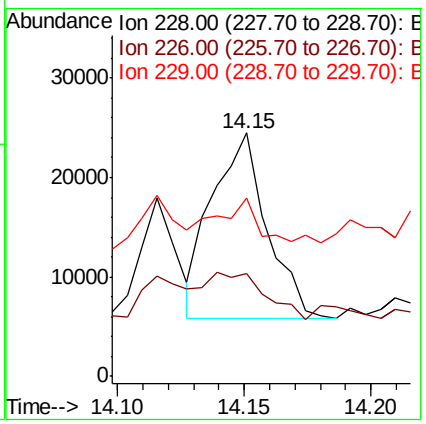


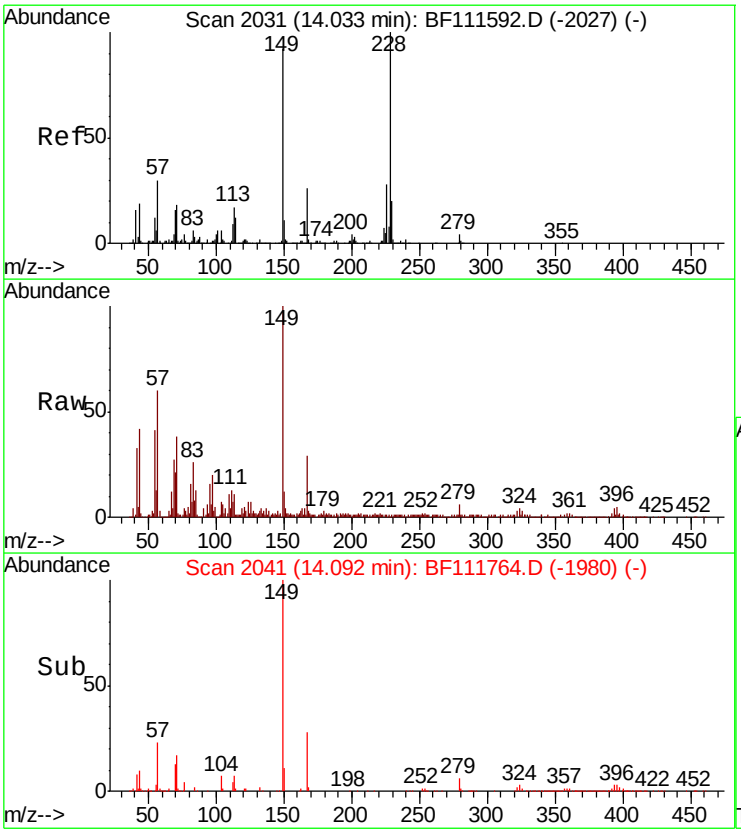
#83
Chrysene
Concen: 3.180 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.08 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:228 Resp: 27860

Ion	Ratio	Lower	Upper
228	100		
226	42.1	25.3	37.9#
229	73.0	17.2	25.8#

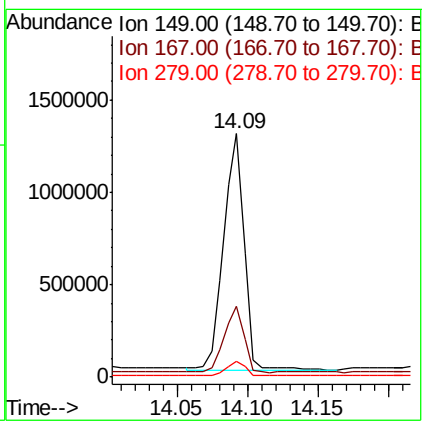


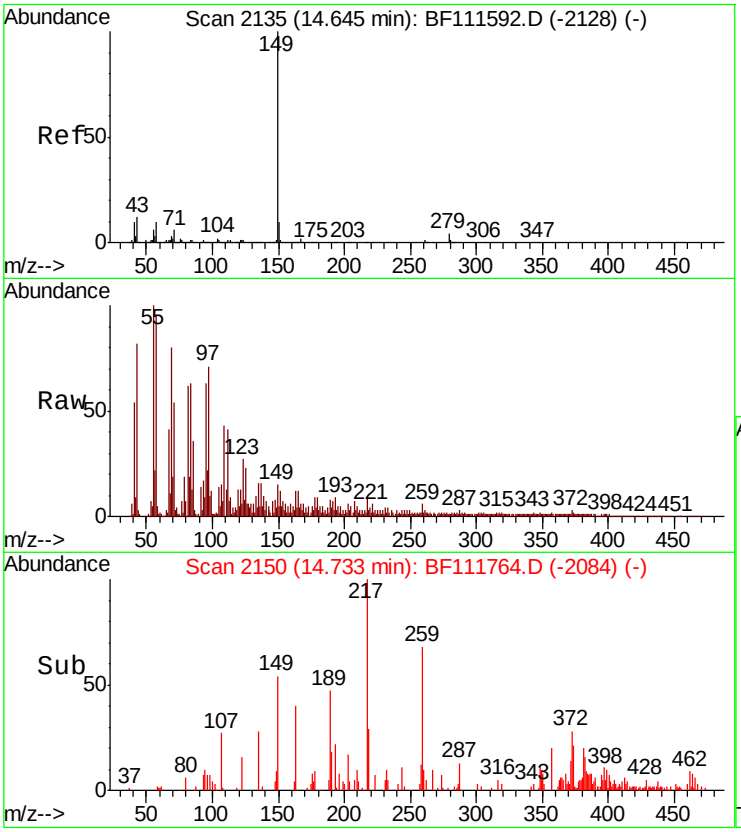


#84
Bis(2-ethylhexyl)phthalate
Concen: 230.800 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.06 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:149 Resp: 1307114

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	6.4	2.6	4.0#



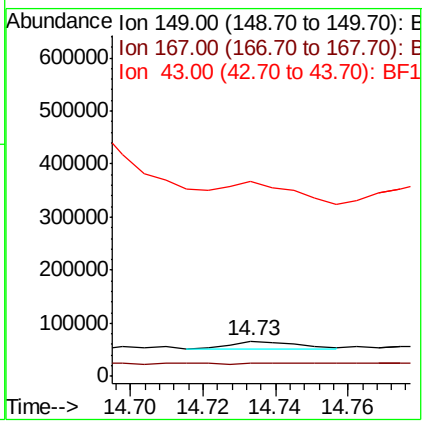


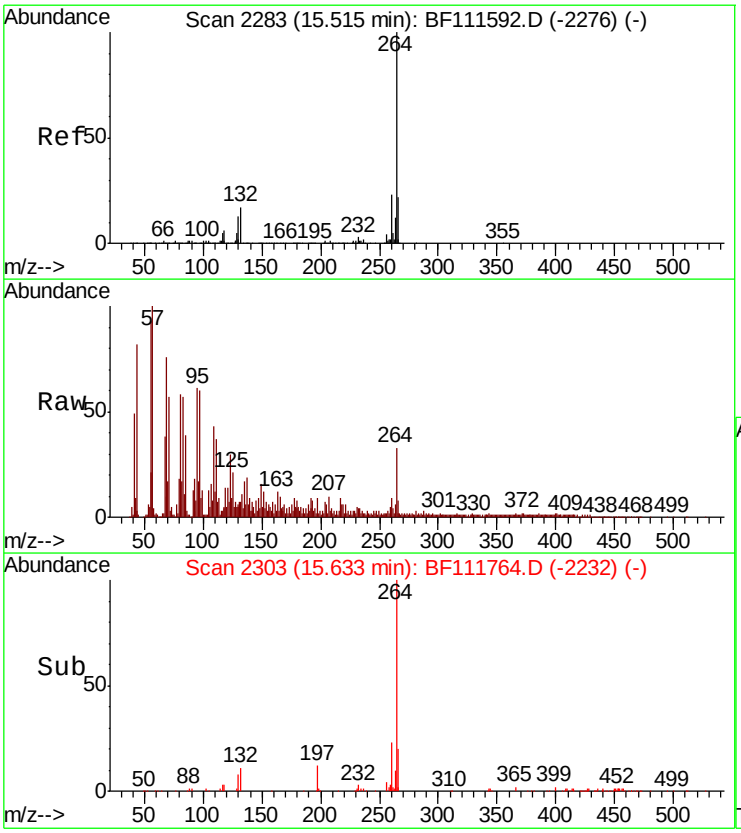
#85
Di-n-octyl phthalate
Concen: 2.130 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.09 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01

Tgt Ion:149 Resp: 18689

Ion	Ratio	Lower	Upper
149	100		
167	11.6	1.3	1.9#
43	0.0	10.9	16.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.12 min
Lab File: BF111764.D
Acq: 27 Dec 2018 16:04

Tgt Ion:264 Resp: 138286

Ion	Ratio	Lower	Upper
264	100		
260	27.3	18.3	27.5
265	25.5	17.7	26.5