Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111771.D
Acq On : 27 Dec 2018 19:13
Operator : JU/SJ
Sample : J6426-05 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS002-01

Quant Time: Dec 28 00:16:07 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	6.91	152	117610	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	408931	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	193987	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	331423	20.00	ng		0.02
76) Chrysene-d12	14.07	240	278727	20.00	ng		0.02
87) Perylene-d12	15.57	264	207270	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	9116	1.32	ng		0.02
7) Phenol-d6	6.52	99	454	0.05	ng		0.00
23) Nitrobenzene-d5	7.46	82	8913	1.27	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	2668	1.16	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	15205	1.14	ng		0.00
79) Terphenyl-d14	13.02	244	15944	1.08	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	36968	6.121	ng	#	1
15) Benzyl Alcohol	6.97	79	113014	16.205	ng	#	4
17) 2-Methylphenol	7.16	107	100648	16.445	ng	#	90
18) Hexachloroethane	7.45	117	56595	18.696	ng	#	1
20) 3+4-Methylphenols	7.32	107	476048	61.559	ng	#	64
22) Acetophenone	7.30	105	146540	14.145	ng	#	47
27) 2,4-Dimethylphenol	7.85	122	616774	104.773	ng		93
28) bis(2-Chloroethoxy)methane	8.00	93	81537	9.824	ng	#	1
31) Naphthalene	8.22	128	877425	44.656	ng		97
32) Benzoic acid	8.00	122	1817819	467.037	ng	#	18
33) 4-Chloroaniline	8.22	127	118712	13.978	ng	#	36
35) Caprolactam	8.62	113	8370	3.901	ng	#	46
36) 4-Chloro-3-methylphenol	8.67	107	31633	5.082	ng	#	22
37) 2-Methylnaphthalene	8.92	142	1954175	152.868	ng		96
38) 1-Methylnaphthalene	9.02	142	1202725	97.963	ng		100
46) 1,1'-Biphenyl	9.36	154	227937	13.919	ng		94
48) 2-Nitroaniline	9.46	65	6996	2.073	ng	#	78
51) 2,6-Dinitrotoluene	9.64	165	6116	2.162	ng	#	1
54) 2,4-Dinitrophenol	10.14	184	870	8.178	ng	#	1
55) Dibenzofuran	10.15	168	50992	2.889	ng	#	34
56) 4-Nitrophenol	10.26	139	6556	2.848	ng		89
57) 2,4-Dinitrotoluene	10.12	165	11093	3.263	ng	#	49
58) Fluorene	10.49	166	30889	2.429	ng	#	75
65) 4,6-Dinitro-2-methylphenol	10.52	198	1300	7.510	ng	#	1
66) n-Nitrosodiphenylamine	10.60	169	29465	2.648	ng	#	39

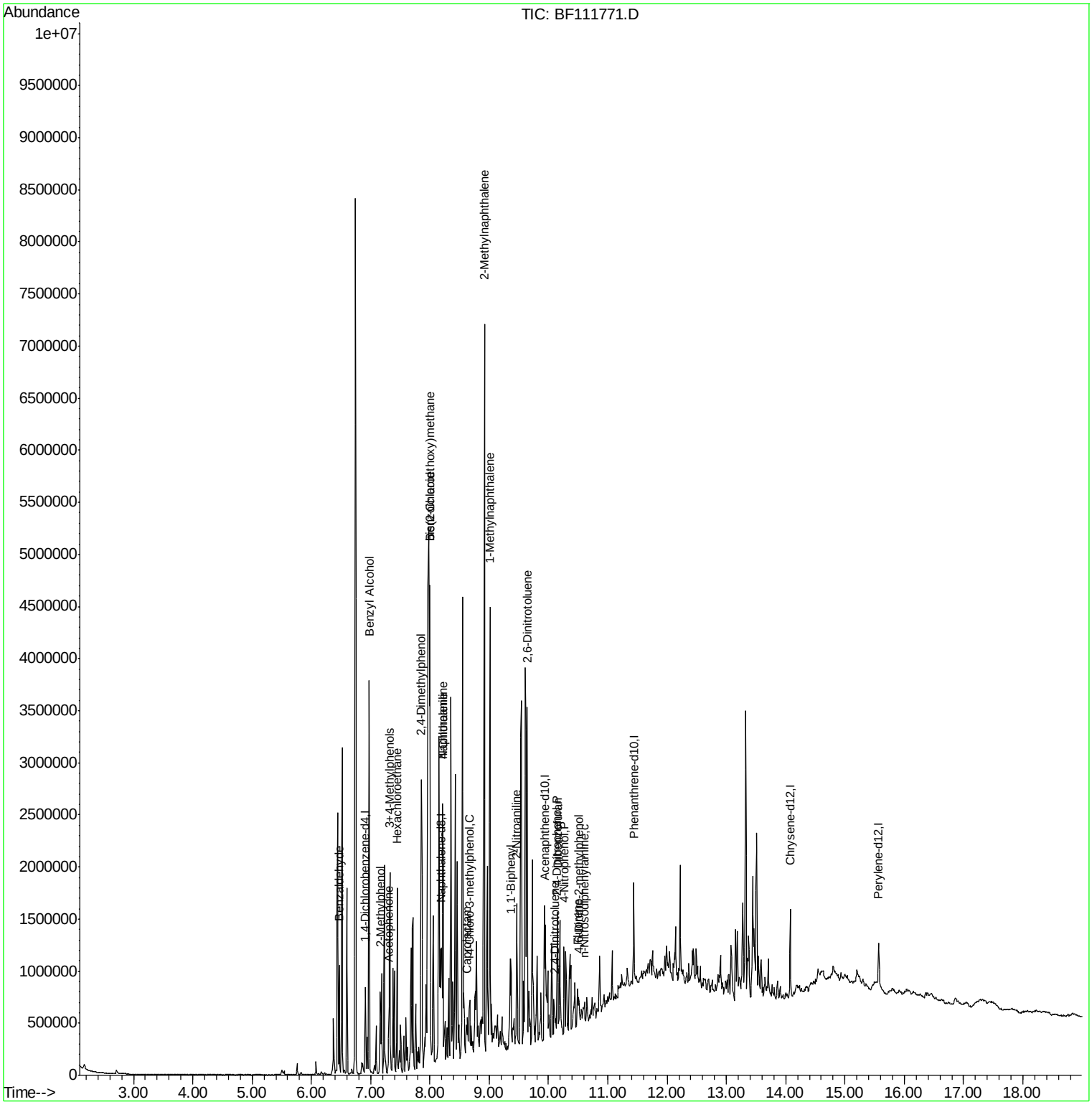
(#) = qualifier out of range (m) = manual integration (+) = signals summed

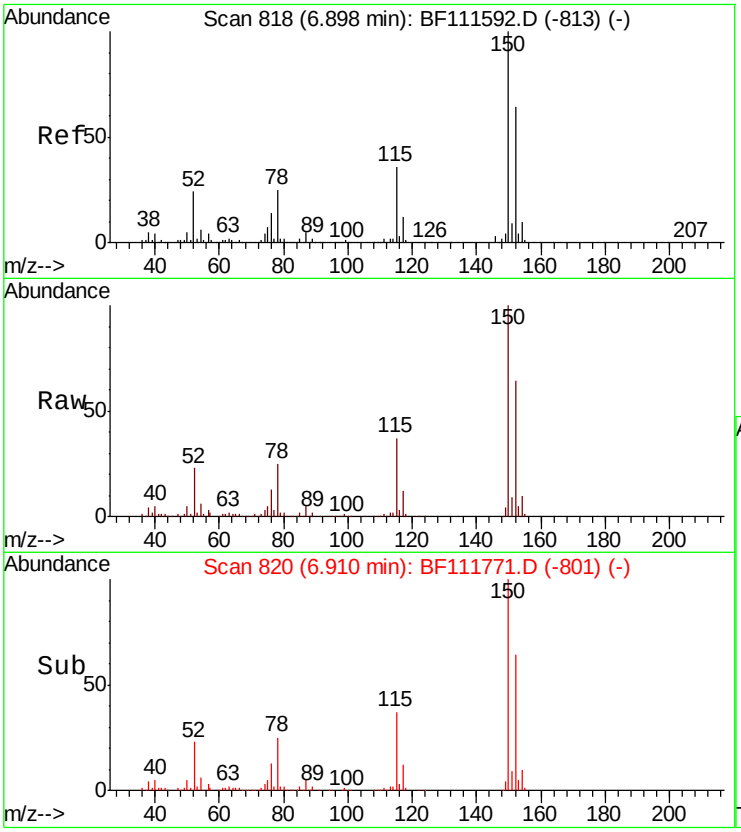
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111771.D
Acq On : 27 Dec 2018 19:13
Operator : JU/SJ
Sample : J6426-05 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Quant Time: Dec 28 00:16:07 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



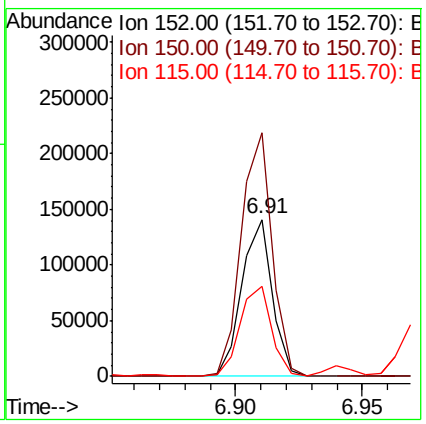


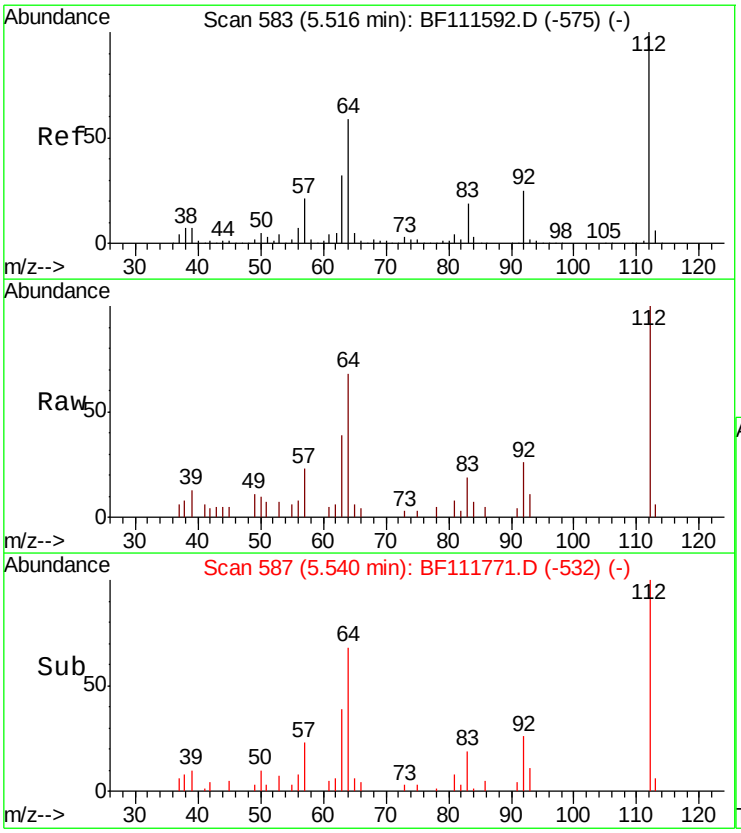
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:152 Resp: 117610

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	57.4	50.7	76.1

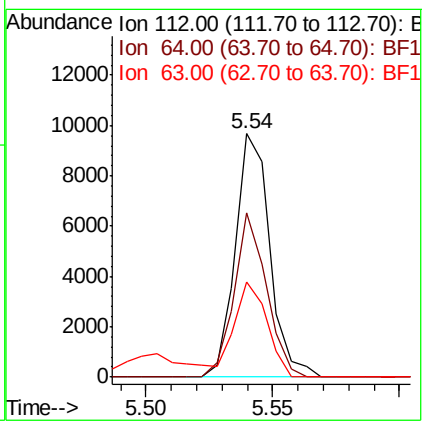


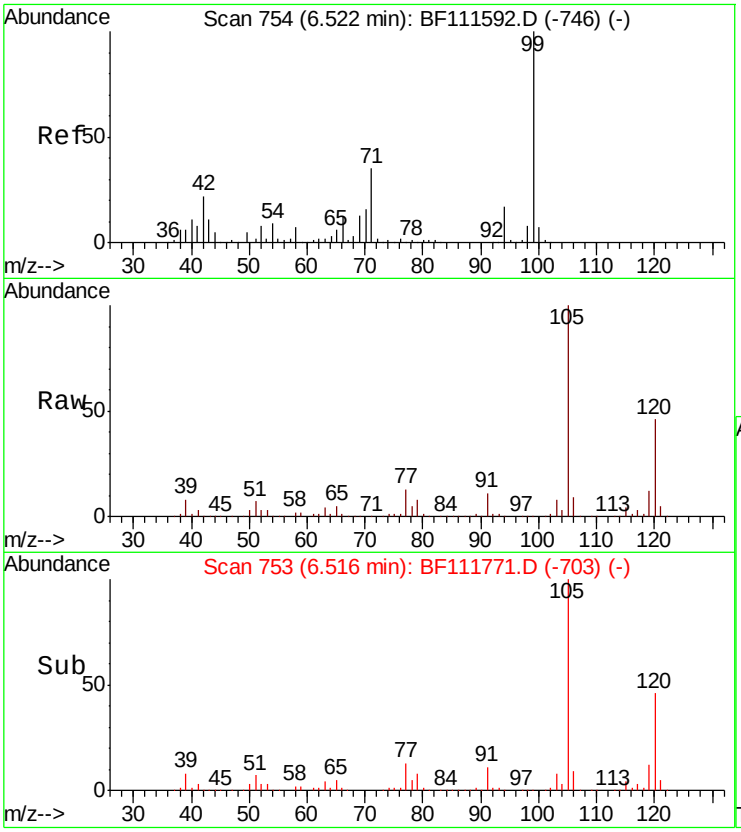


#5
2-Fluorophenol
Concen: 1.321 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:112 Resp: 9116

Ion	Ratio	Lower	Upper
112	100		
64	67.6	51.8	77.6
63	38.9	26.8	40.2



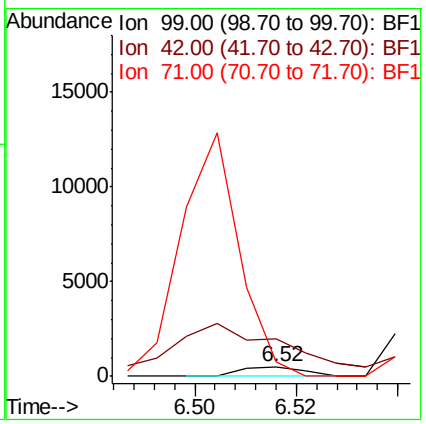


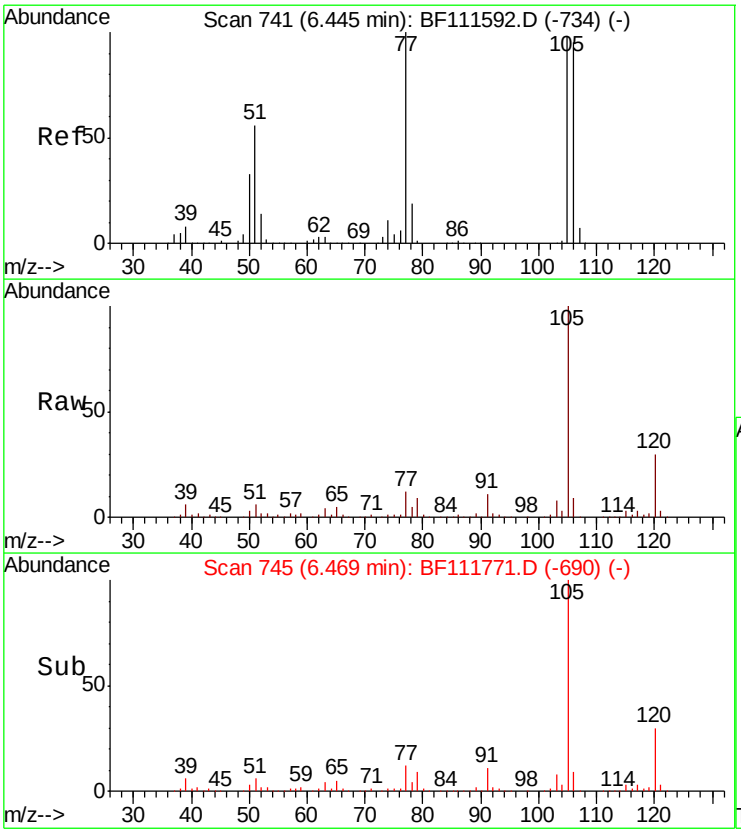
#7
Phenol-d6
Concen: 0.052 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion: 99 Resp: 454

Ion	Ratio	Lower	Upper
99	100		
42	376.9	17.4	26.0#
71	145.5	26.1	39.1#

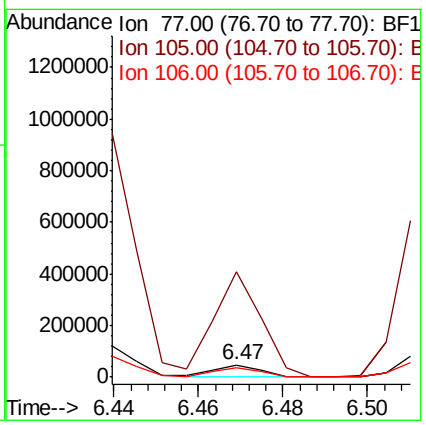


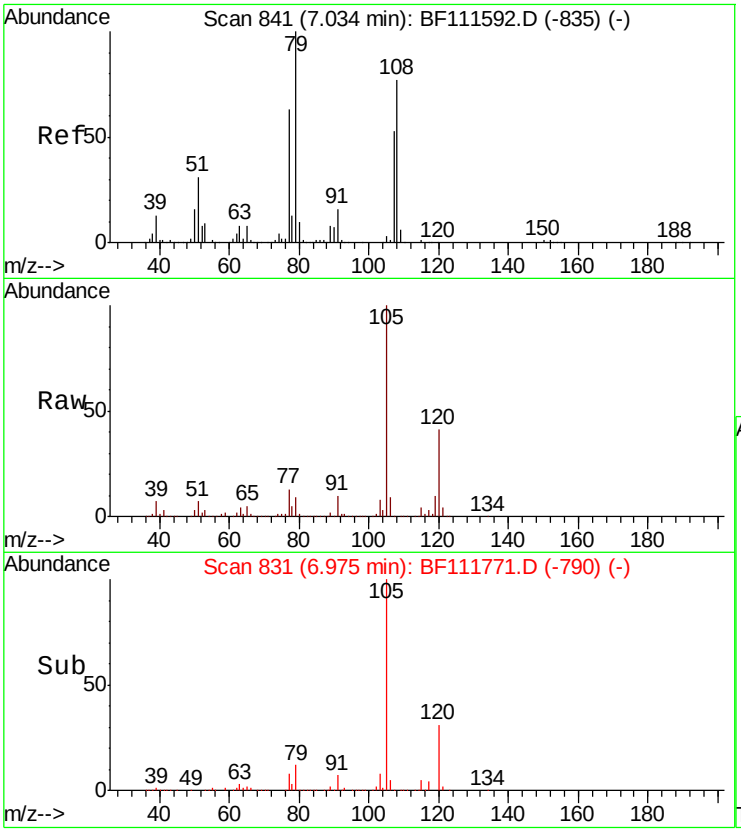


#9
Benzaldehyde
Concen: 6.121 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion: 77 Resp: 36968

Ion	Ratio	Lower	Upper
77	100		
105	849.3	81.4	121.4#
106	76.5	77.9	117.9#



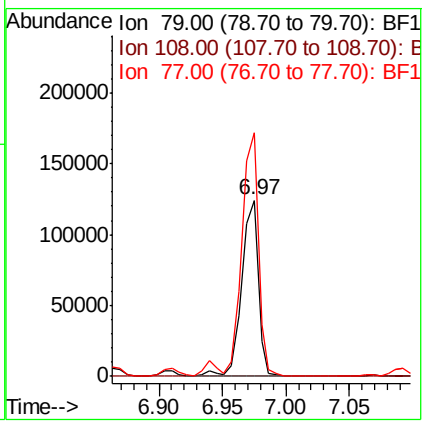


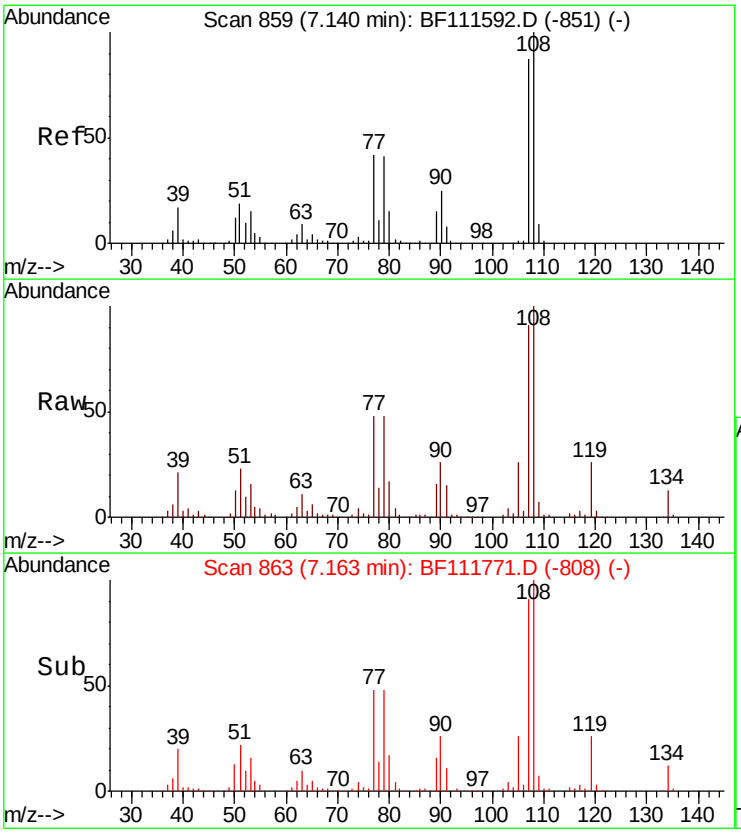
#15
Benzyl Alcohol
Concen: 16.205 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion: 79 Resp: 113014

Ion	Ratio	Lower	Upper
79	100		
108	0.0	69.4	104.2#
77	138.5	49.7	74.5#

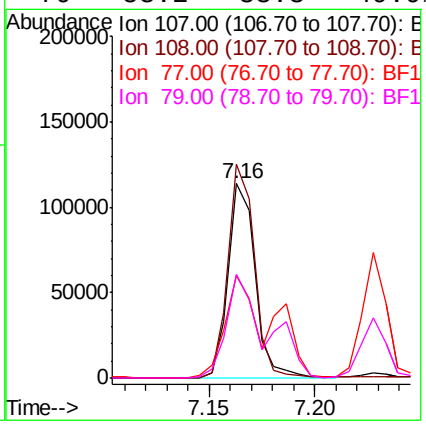


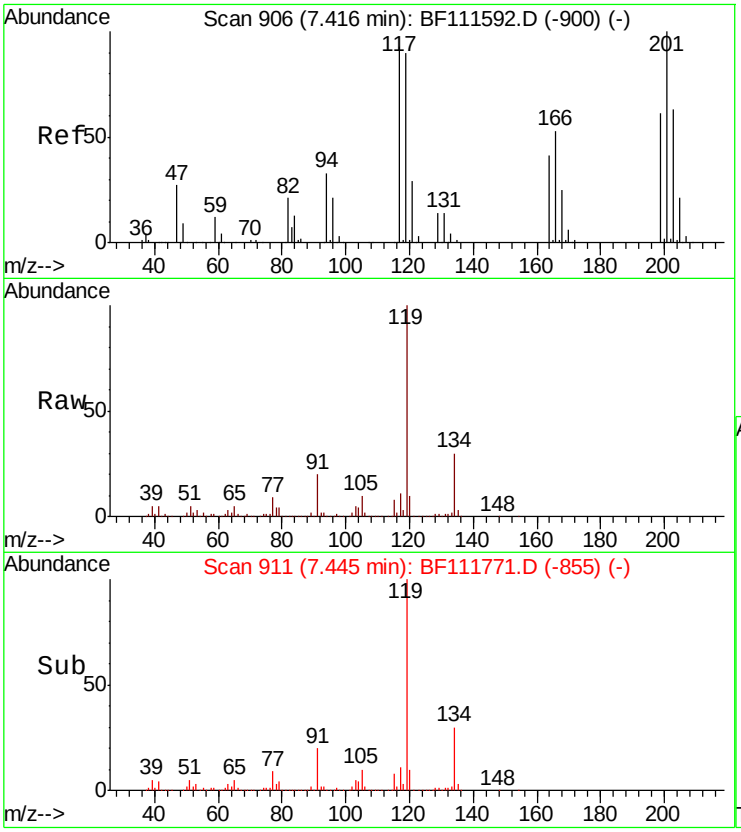


#17
2-Methylphenol
Concen: 16.445 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:107 Resp: 100648

Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.0	136.4
77	52.9	33.5	50.3#
79	53.2	33.3	49.9#



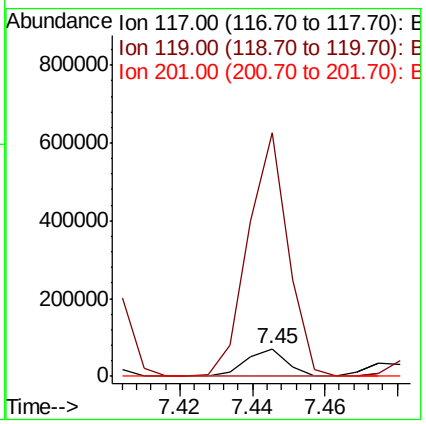


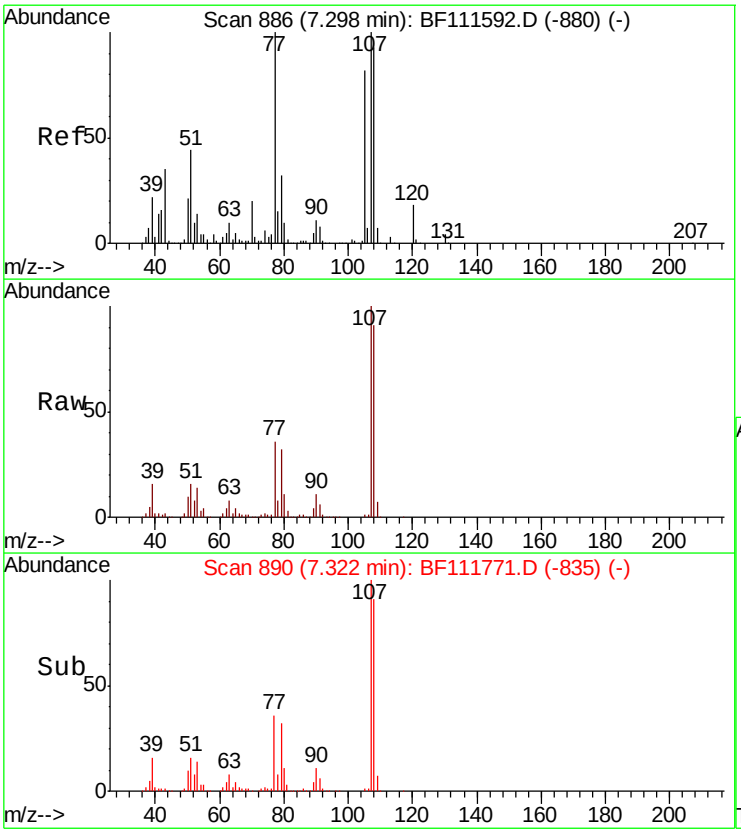
#18
Hexachloroethane
Concen: 18.696 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.03 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:117 Resp: 56595

Ion	Ratio	Lower	Upper
117	100		
119	889.4	75.4	113.0#
201	0.0	62.4	93.6#

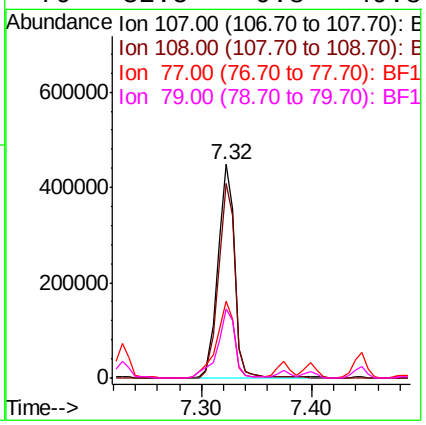


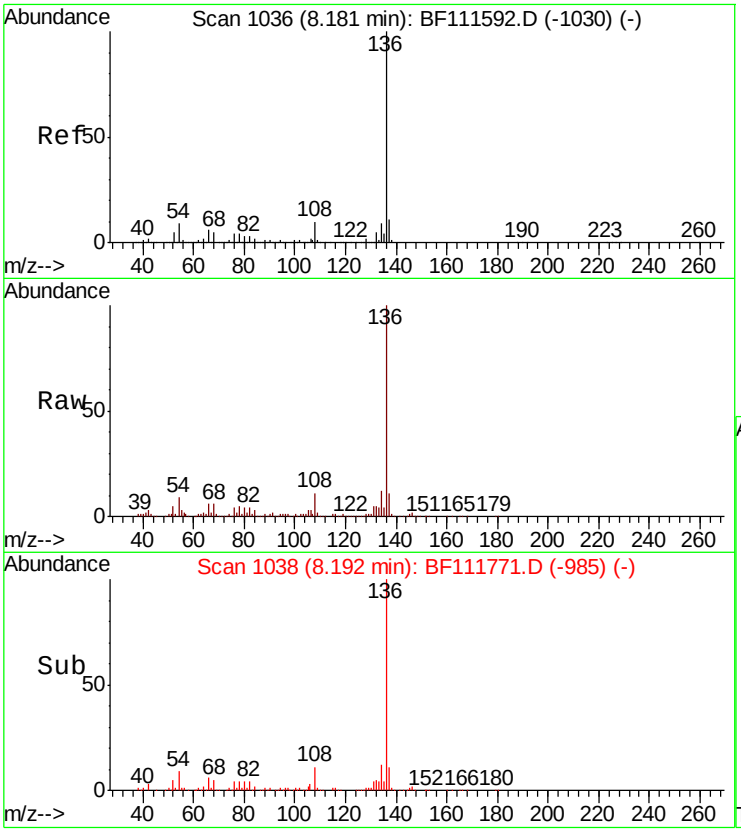


#20
3+4-Methylphenols
Concen: 61.559 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:107 Resp: 476048

Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.1	112.1
77	36.1	94.1	134.1#
79	32.5	9.8	49.8



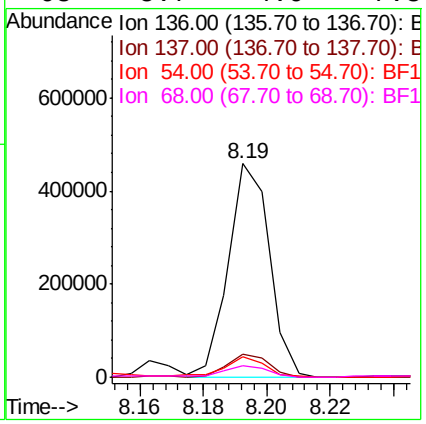


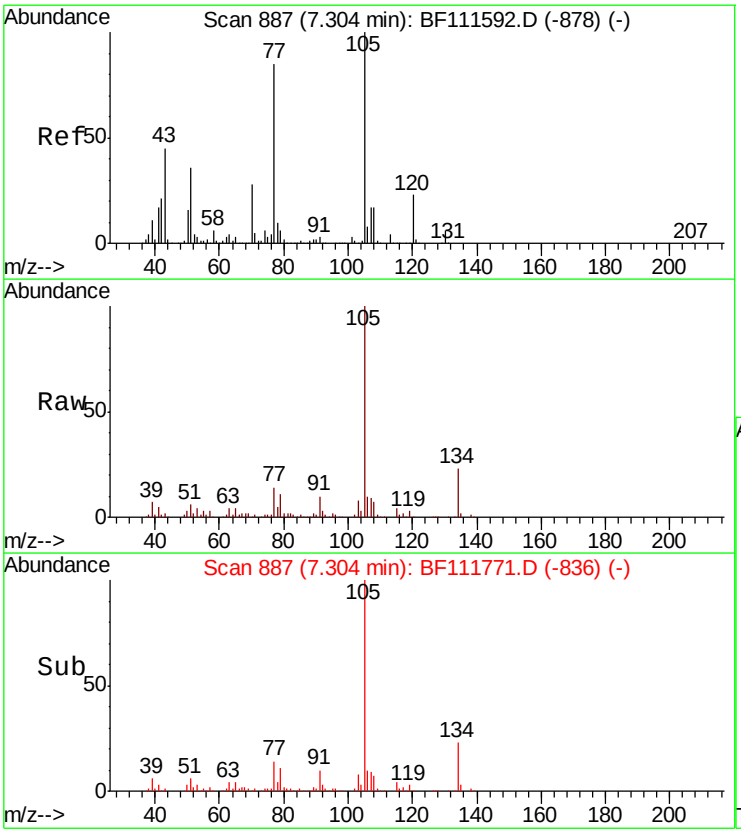
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:136 Resp: 408931

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.4	7.7	11.5
68	5.7	4.9	7.3

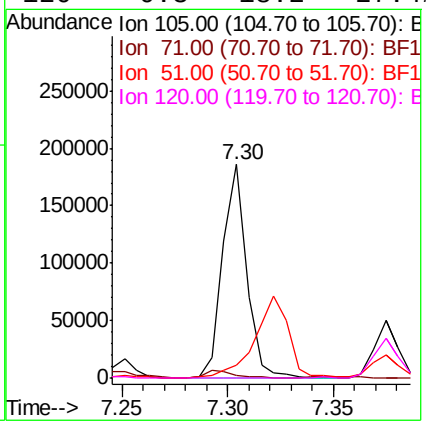


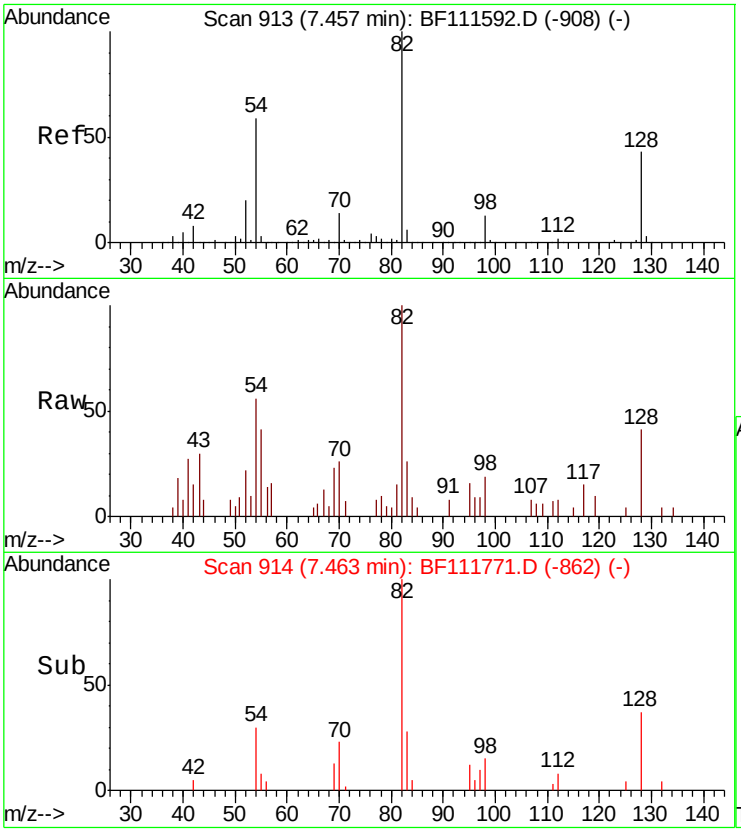


#22
Acetophenone
Concen: 14.145 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:105 Resp: 146540

Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.1	4.7#
51	6.1	36.6	54.8#
120	0.3	18.2	27.4#



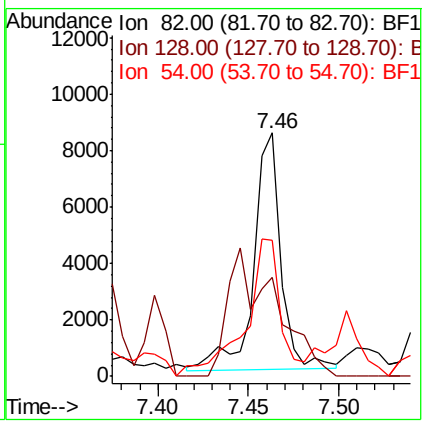


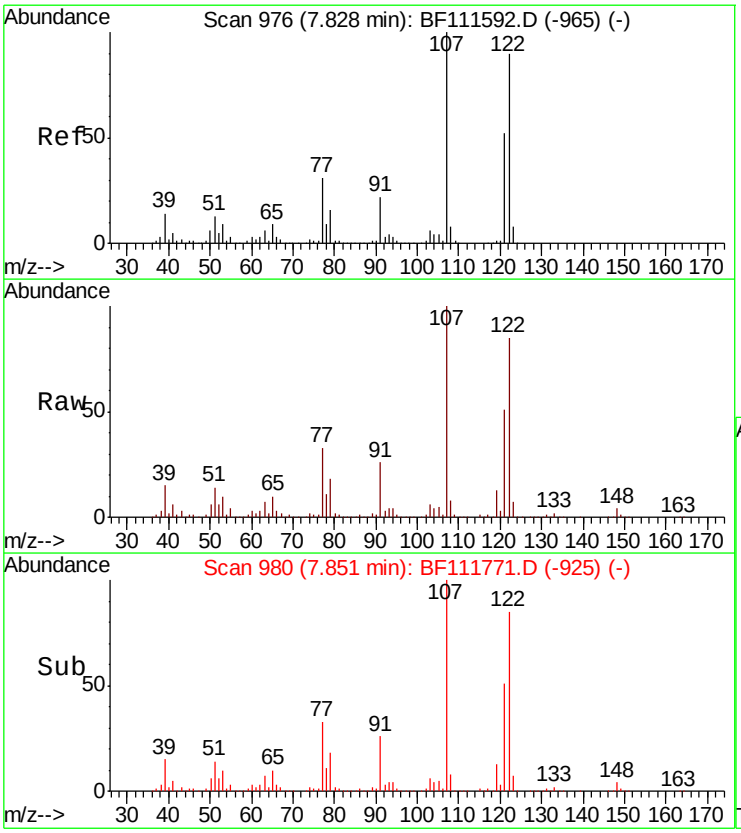
#23
Nitrobenzene-d5
Concen: 1.269 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion: 82 Resp: 8913

Ion	Ratio	Lower	Upper
82	100		
128	40.5	37.4	56.2
54	56.0	47.6	71.4

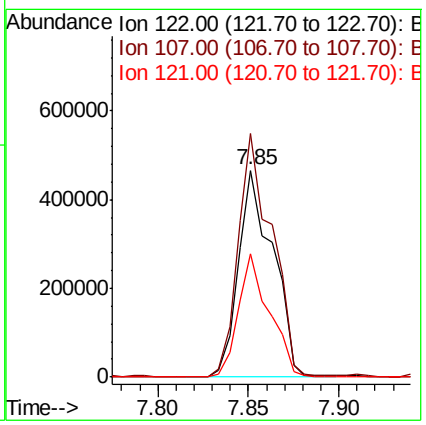


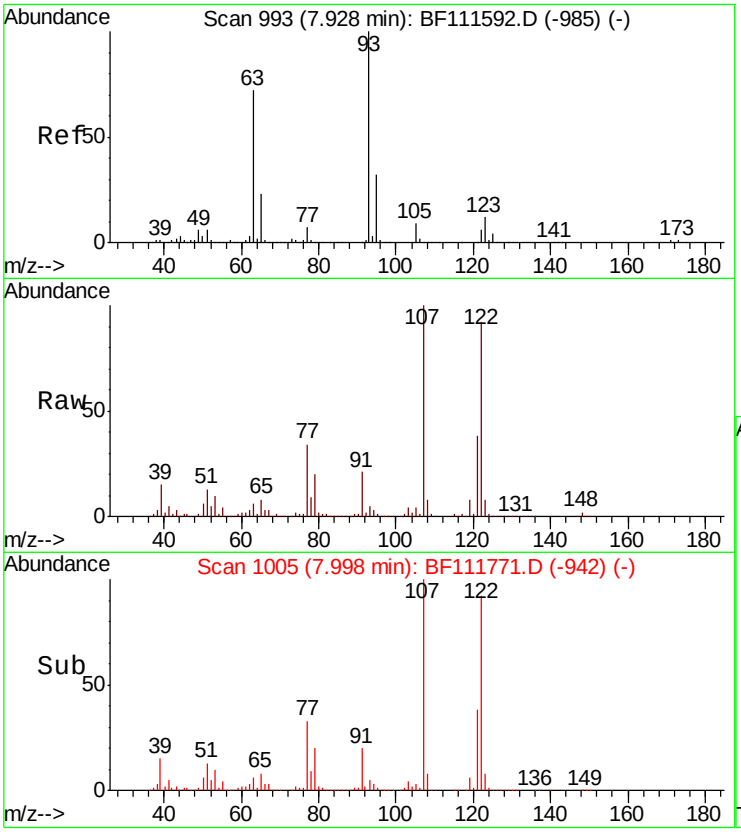


#27
2,4-Dimethylphenol
Concen: 104.773 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:122 Resp: 616774

Ion	Ratio	Lower	Upper
122	100		
107	117.6	85.5	128.3
121	59.4	46.6	70.0



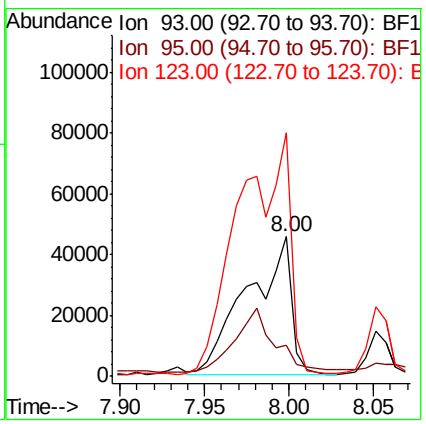


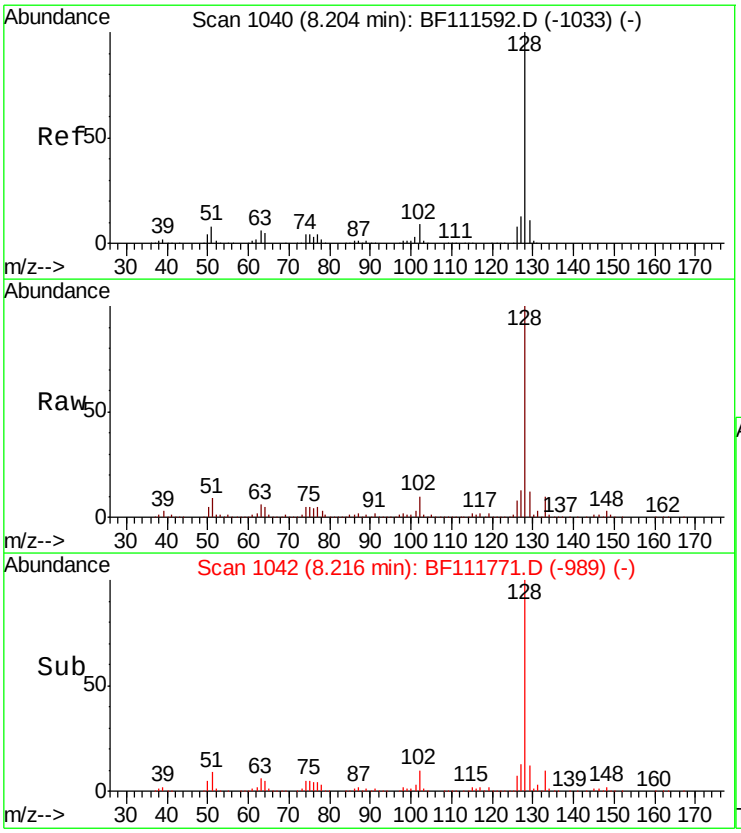
#28
bis(2-Chloroethoxy)methane
Concen: 9.824 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.07 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion: 93 Resp: 81537

Ion	Ratio	Lower	Upper
93	100		
95	22.4	27.1	40.7#
123	174.3	9.9	14.9#

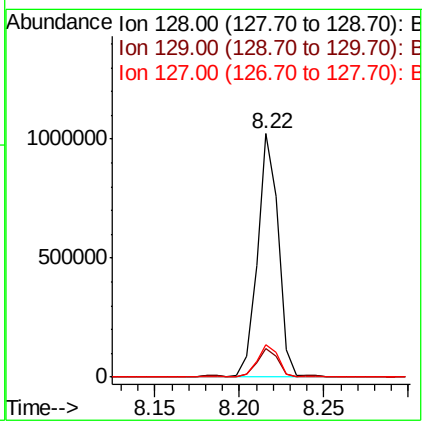


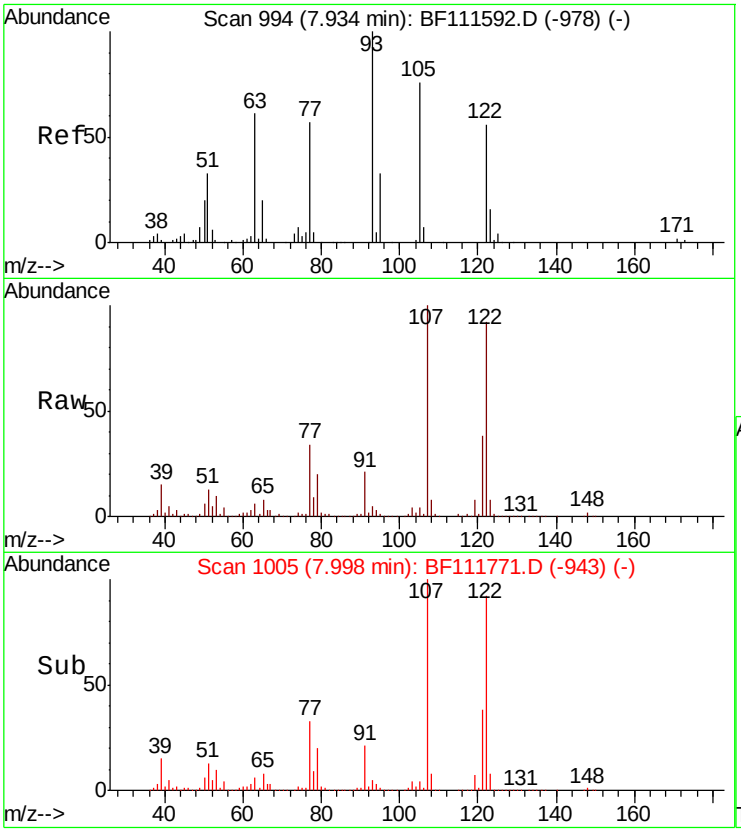


#31
Naphthalene
Concen: 44.656 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:128 Resp: 877425

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.5	12.0	18.0



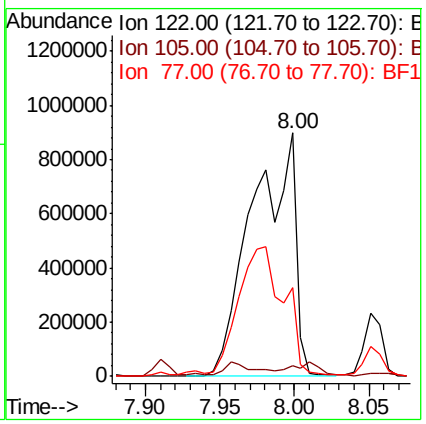


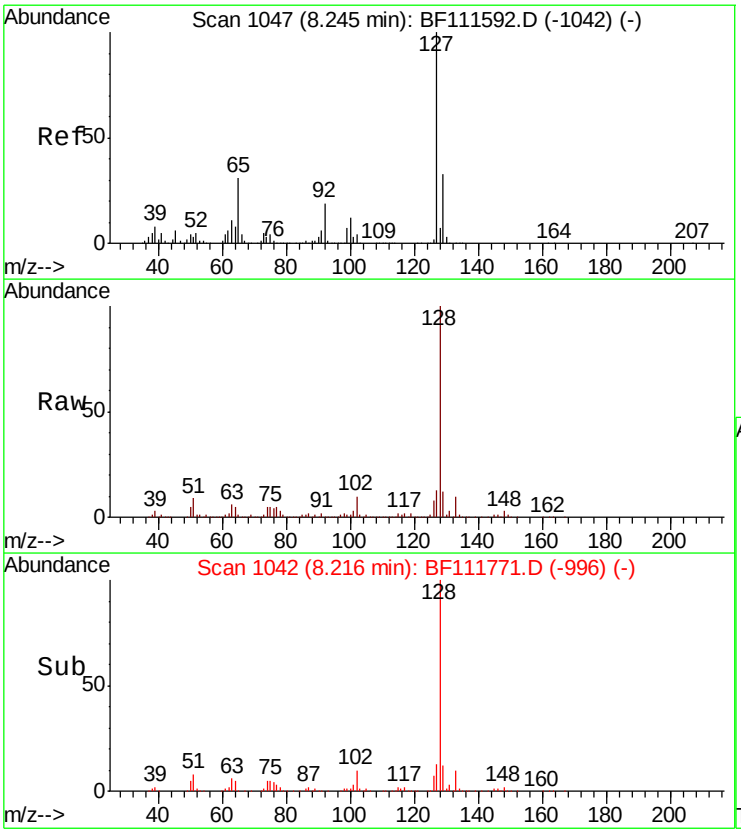
#32
Benzoic acid
Concen: 467.037 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.06 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:122 Resp: 1817819

Ion	Ratio	Lower	Upper
122	100		
105	4.3	97.0	137.0#
77	36.5	65.7	105.7#

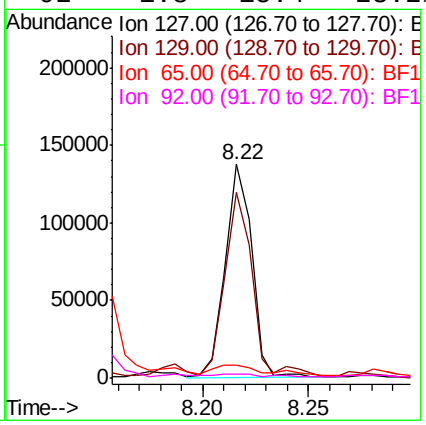


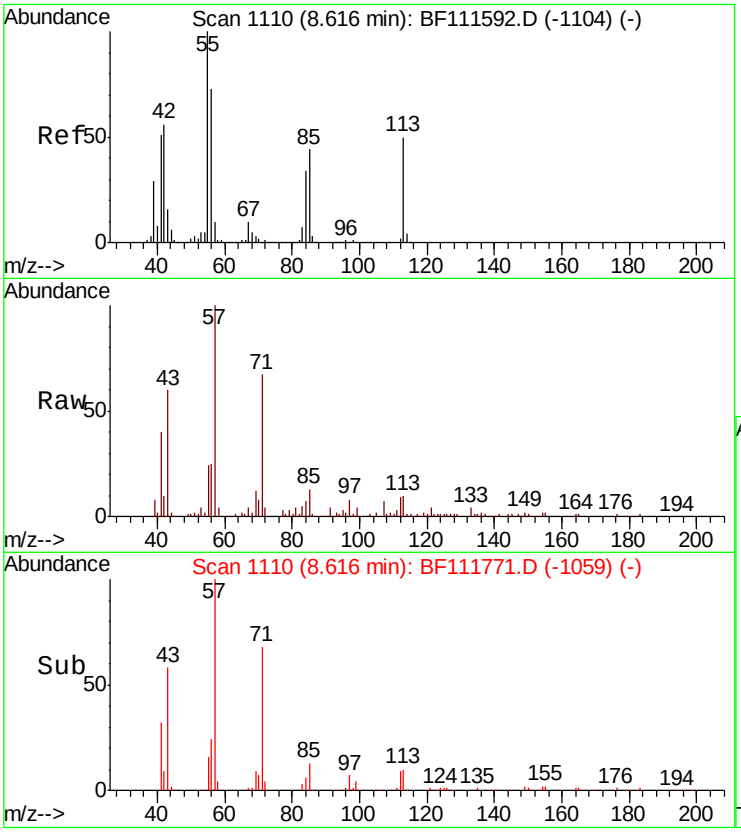


#33
4-Chloroaniline
Concen: 13.978 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:127 Resp: 118712

Ion	Ratio	Lower	Upper
127	100		
129	87.2	26.6	39.8#
65	6.0	25.7	38.5#
92	1.8	15.4	23.2#



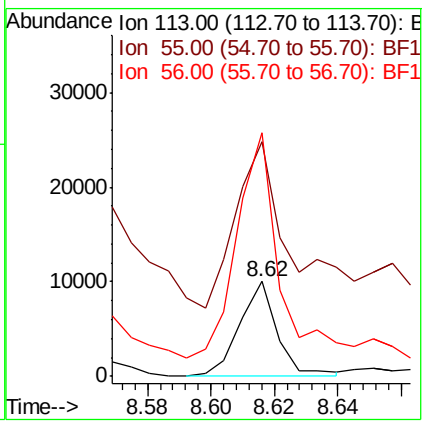


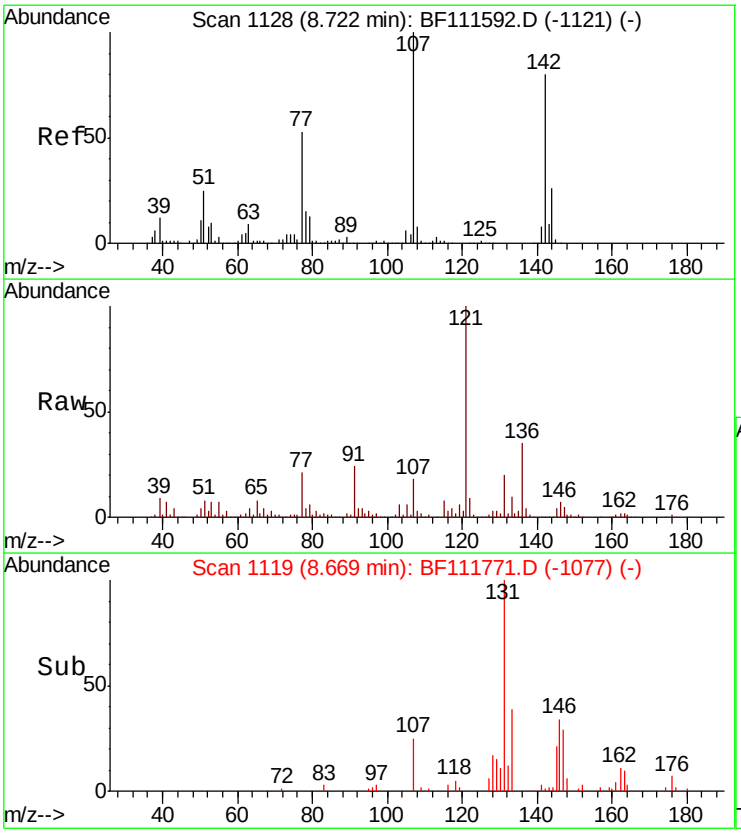
#35
Caprolactam
Concen: 3.901 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:113 Resp: 8370

Ion	Ratio	Lower	Upper
113	100		
55	247.5	184.1	224.1#
56	257.4	126.0	166.0#

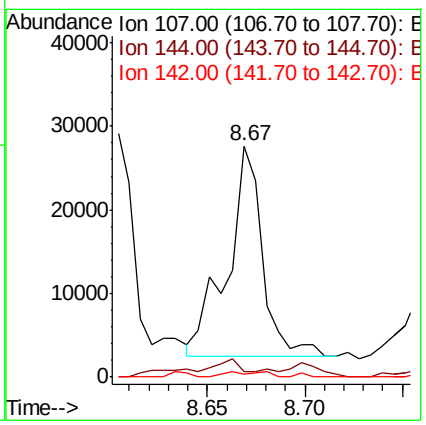


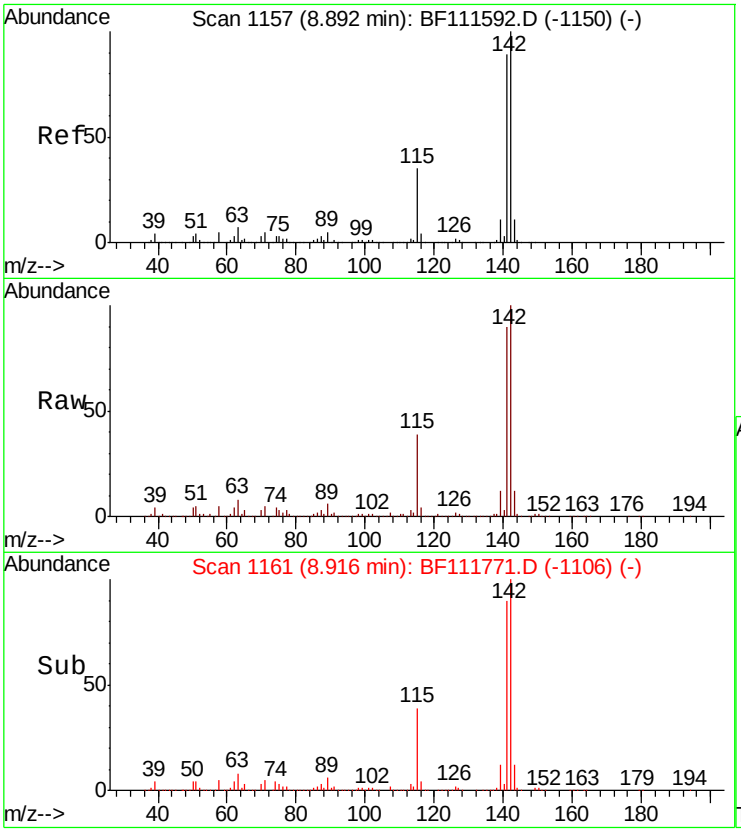


#36
4-Chloro-3-methylphenol
Concen: 5.082 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:107 Resp: 31633

Ion	Ratio	Lower	Upper
107	100		
144	2.3	19.8	29.6#
142	1.4	62.3	93.5#



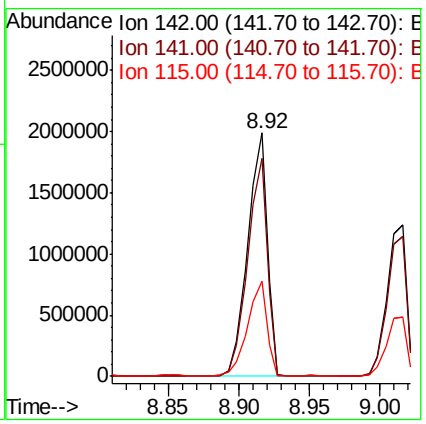


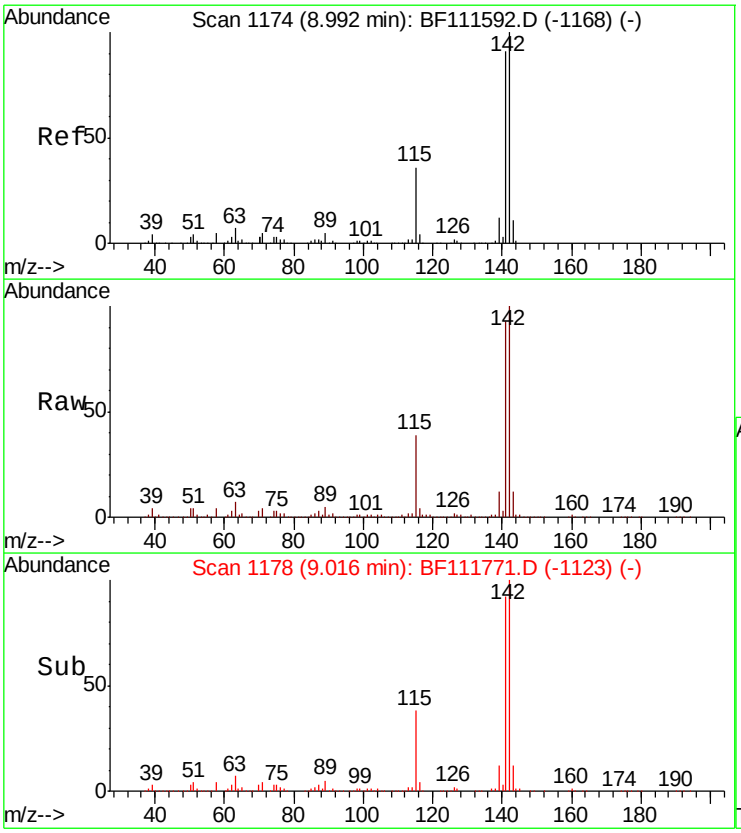
#37
2-Methylnaphthalene
Concen: 152.868 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:142 Resp: 1954175

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.6	105.8
115	39.3	27.0	40.6

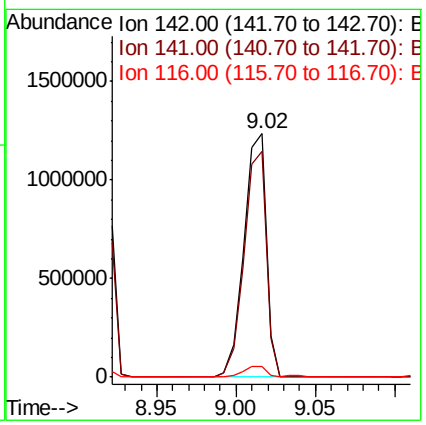


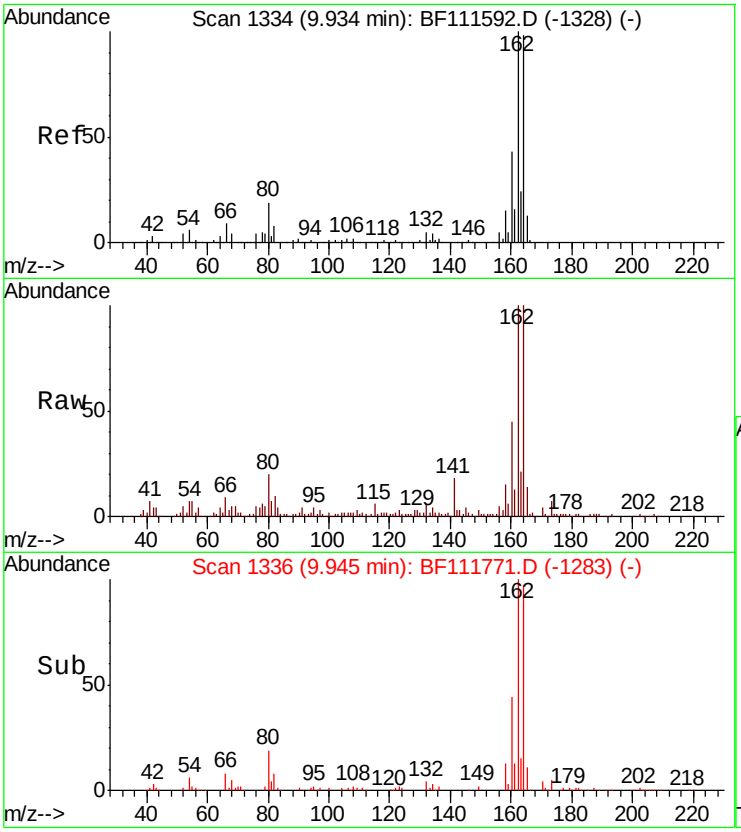


#38
1-Methylnaphthalene
Concen: 97.963 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:142 Resp: 1202725

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	4.1	2.9	4.3



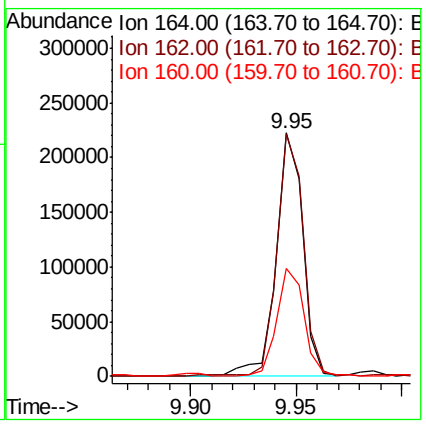


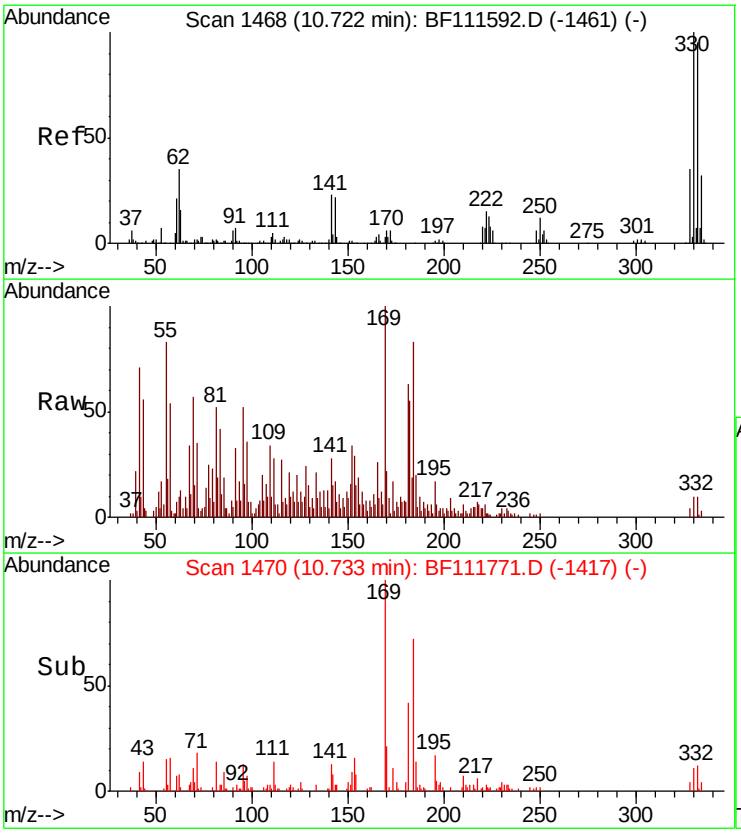
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:164 Resp: 193987

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.0
160	44.5	35.7	53.5

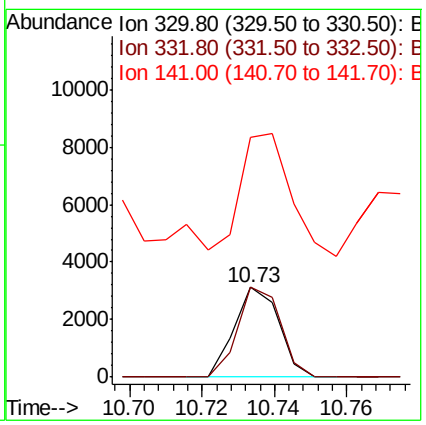


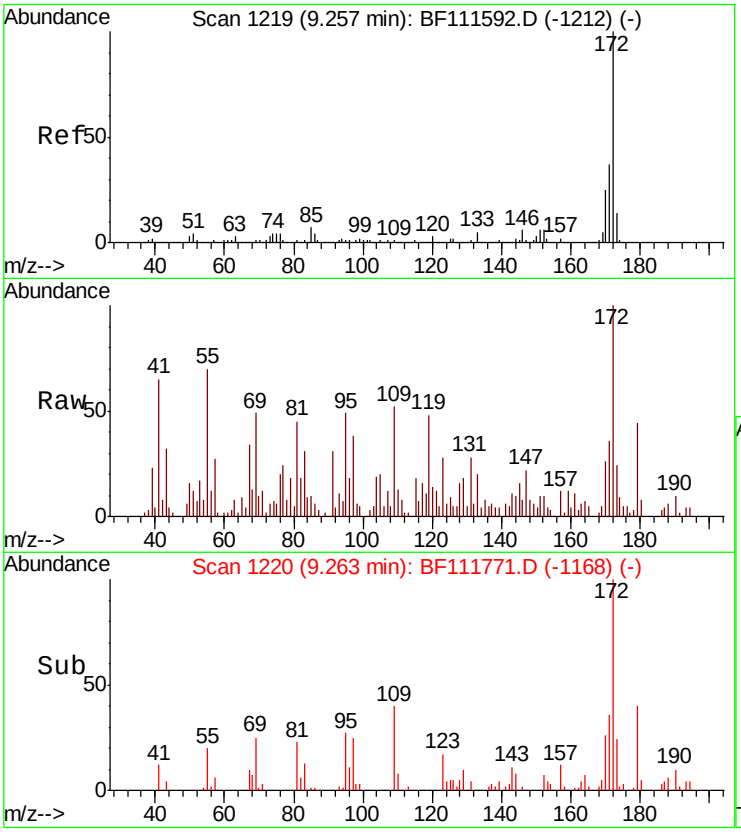


#42
2,4,6-Tribromophenol
Concen: 1.164 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:330 Resp: 2668

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	177.1	31.0	46.6#



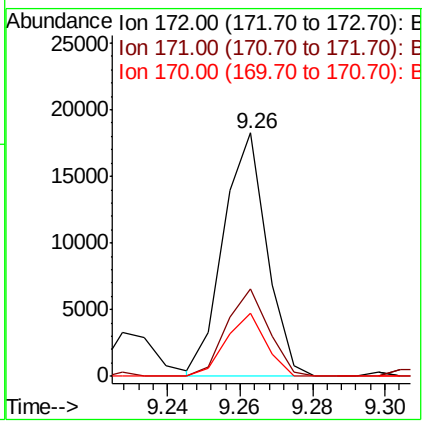


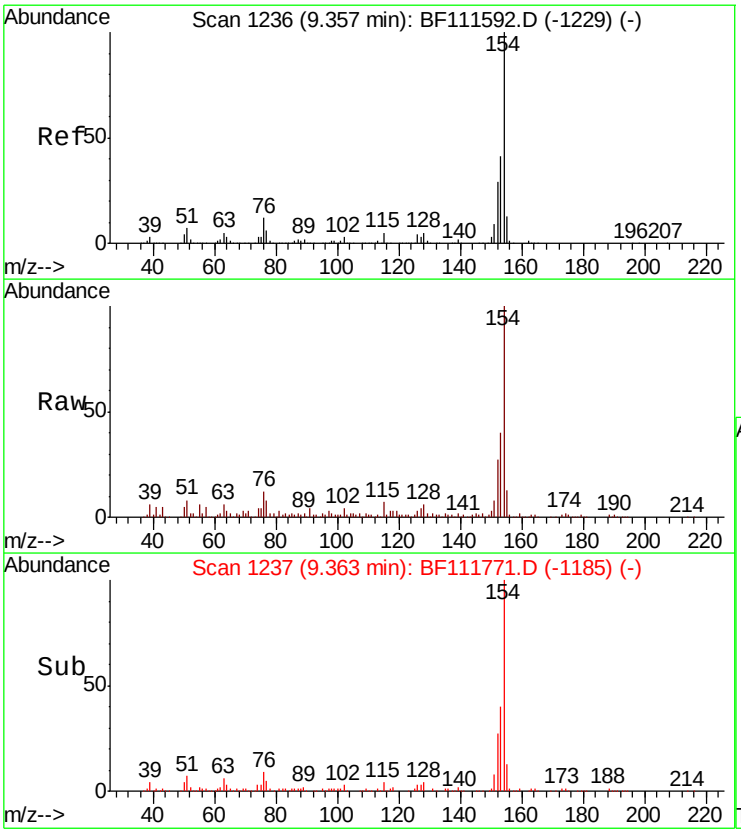
#45
2-Fluorobiphenyl
Concen: 1.142 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:172 Resp: 15205

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	26.1	22.3	33.5

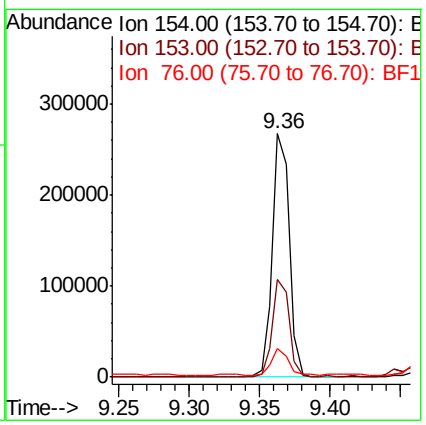


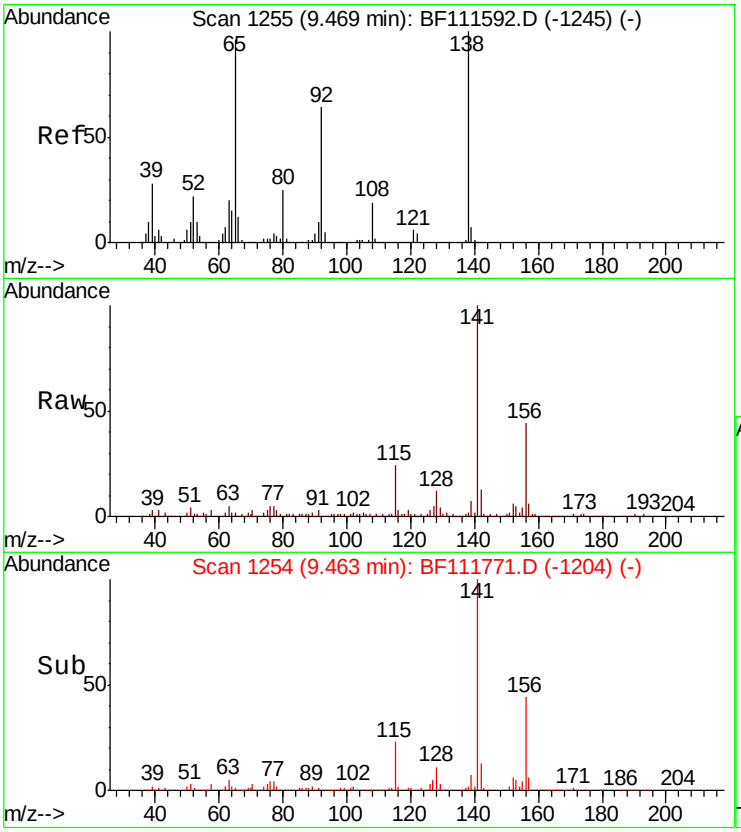


#46
1,1'-Biphenyl
Concen: 13.919 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:154 Resp: 227937

Ion	Ratio	Lower	Upper
154	100		
153	39.9	23.7	63.7
76	12.0	0.0	35.0



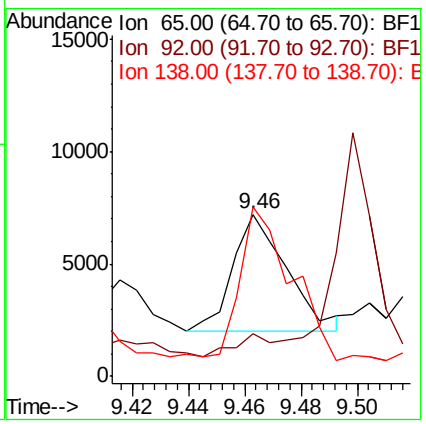


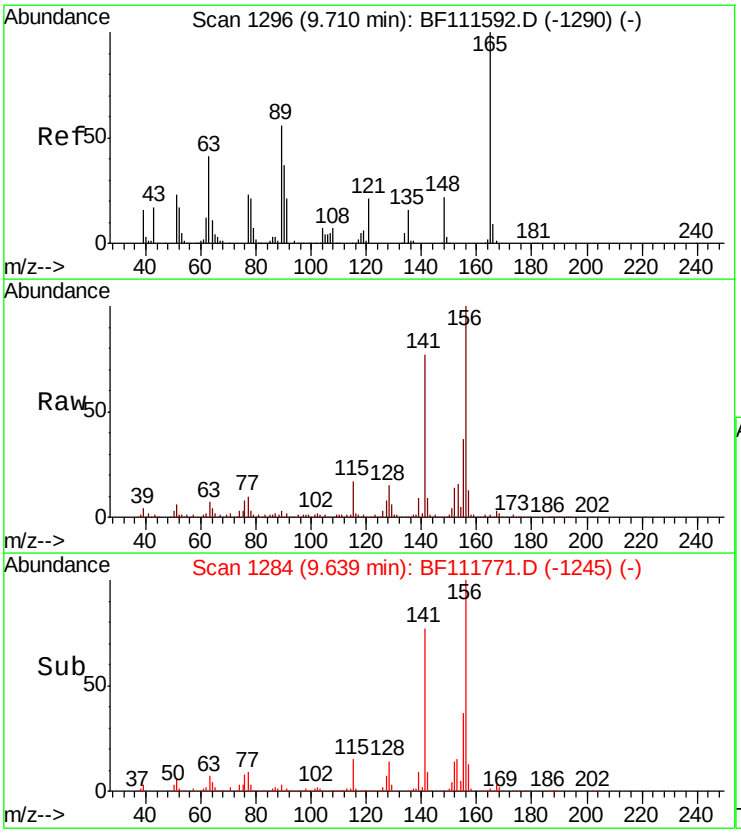
#48
2-Nitroaniline
Concen: 2.073 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion: 65 Resp: 6996

Ion	Ratio	Lower	Upper
65	100		
92	26.5	53.5	80.3#
138	105.0	80.9	121.3

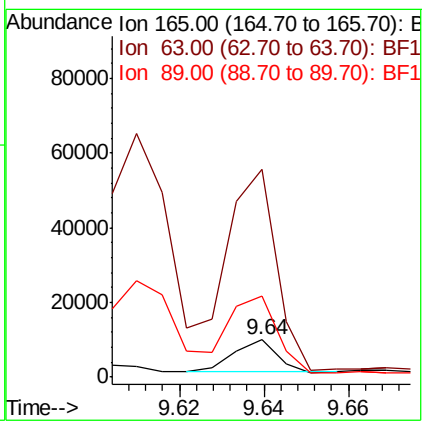


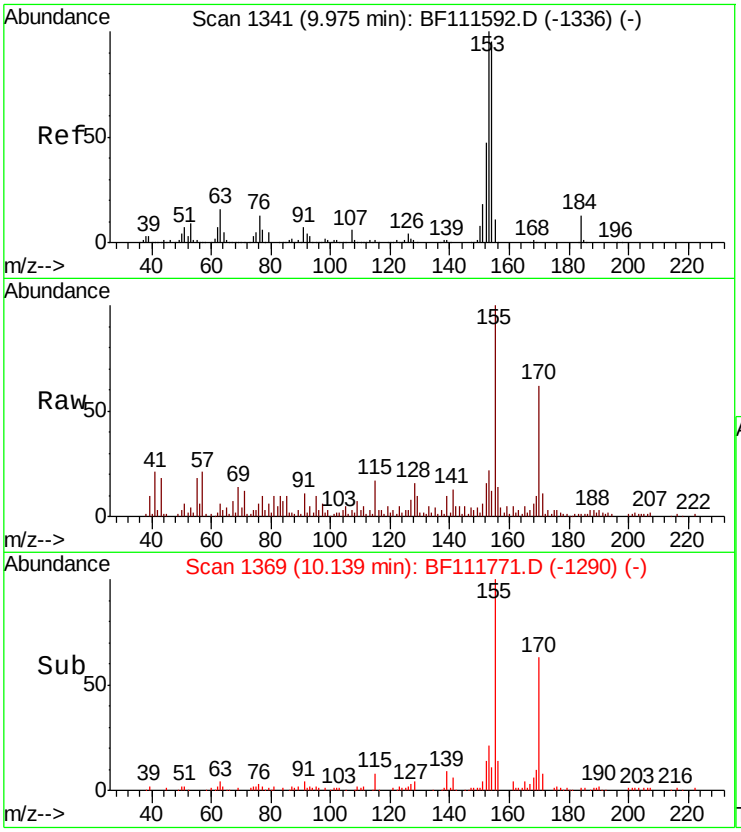


#51
2,6-Dinitrotoluene
Concen: 2.162 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:165 Resp: 6116

Ion	Ratio	Lower	Upper
165	100		
63	558.3	40.5	60.7#
89	216.8	40.0	60.0#



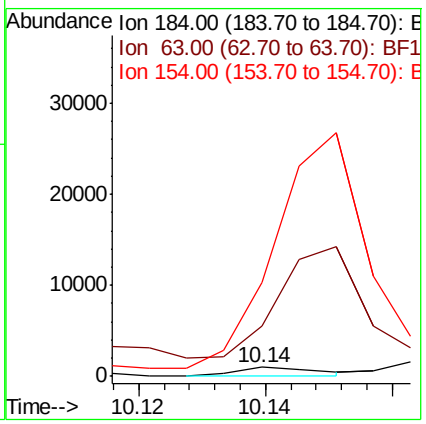


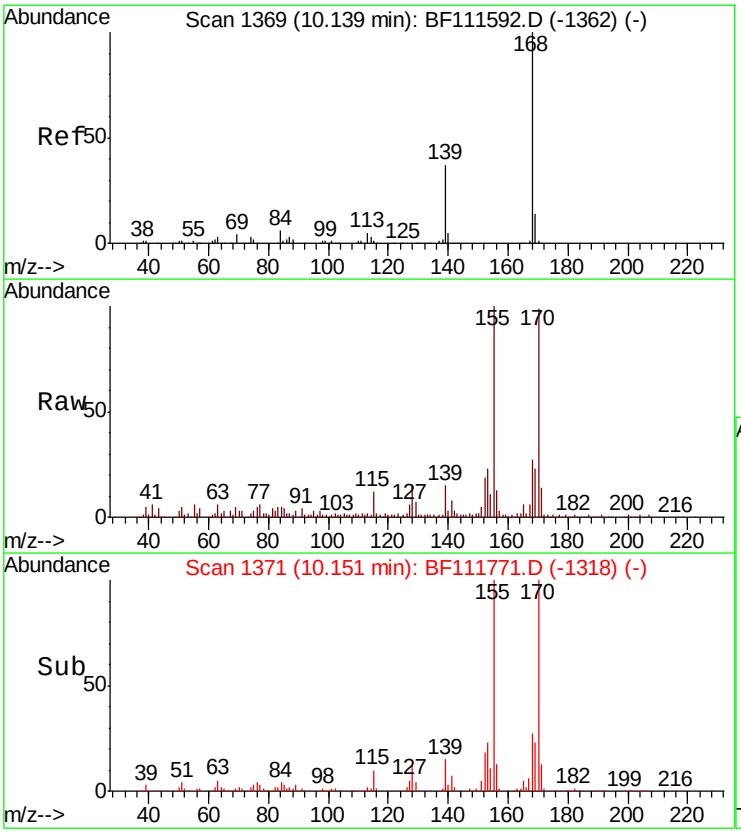
#54
2,4-Dinitrophenol
Concen: 8.178 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.17 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:184 Resp: 870

Ion	Ratio	Lower	Upper
184	100		
63	573.2	62.3	93.5#
154	1060.9	56.2	84.2#

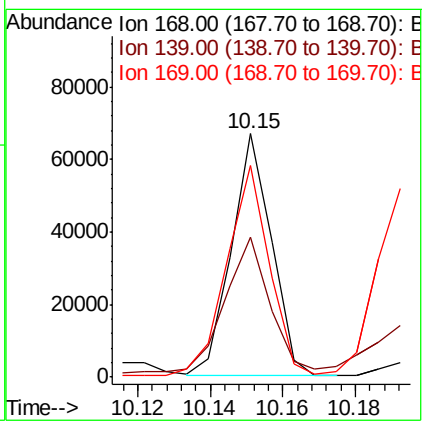


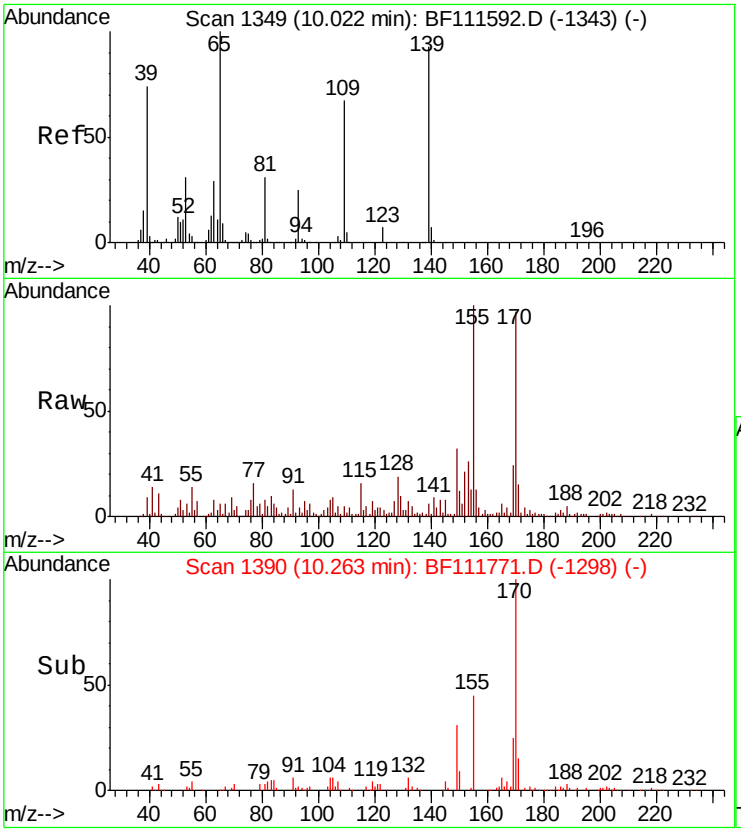


#55
Dibenzofuran
Concen: 2.889 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:168 Resp: 50992

Ion	Ratio	Lower	Upper
168	100		
139	57.4	32.6	49.0#
169	87.0	11.8	17.6#



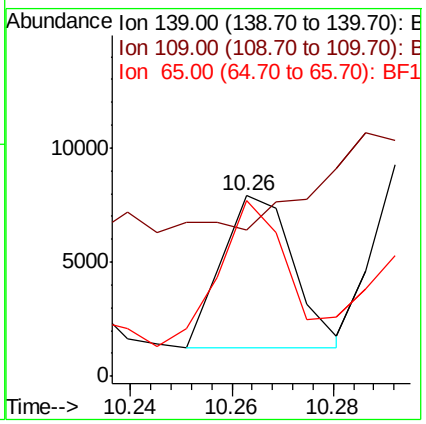


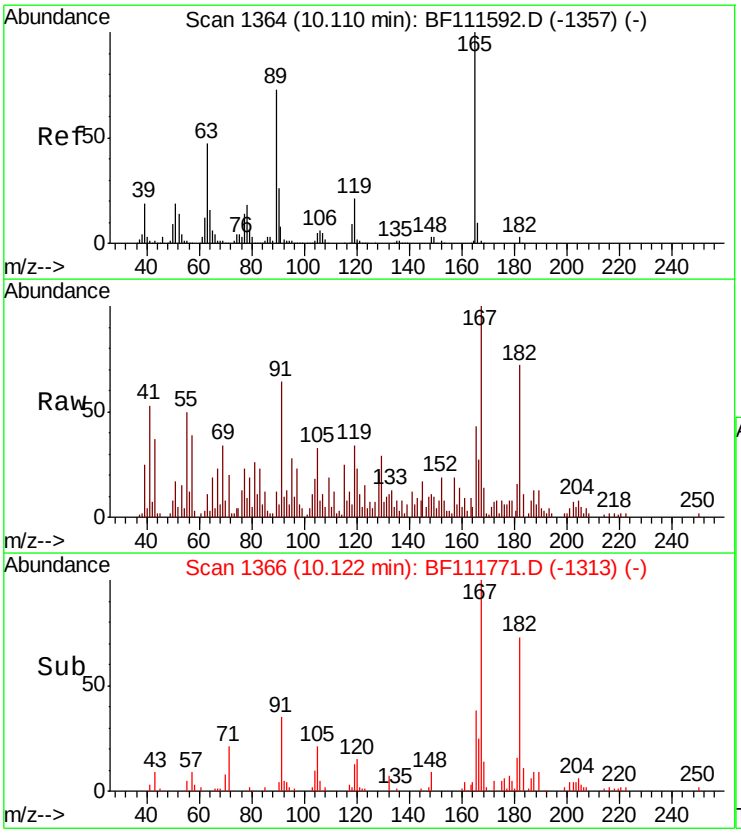
#56
4-Nitrophenol
Concen: 2.848 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.24 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:139 Resp: 6556

Ion	Ratio	Lower	Upper
139	100		
109	81.4	41.8	81.8
65	97.6	79.6	119.6

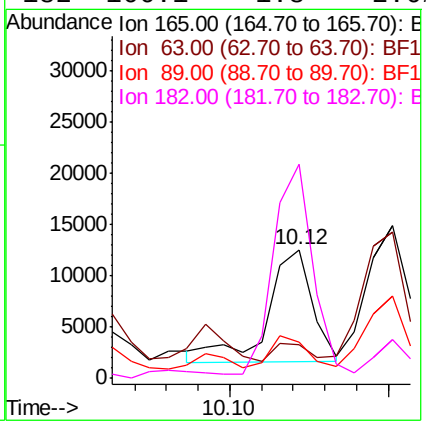


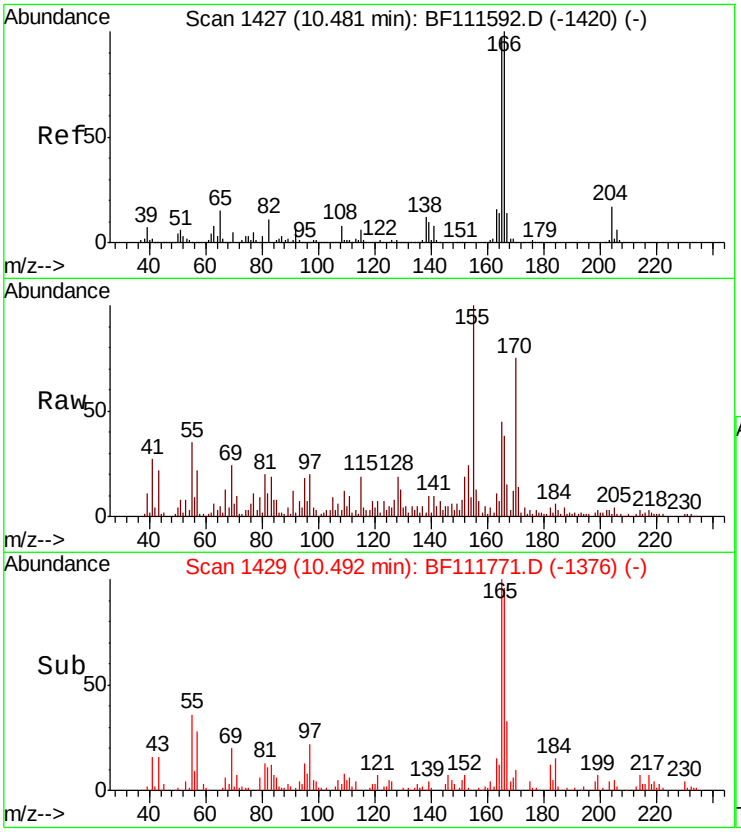


#57
2,4-Dinitrotoluene
Concen: 3.263 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:165 Resp: 11093

Ion	Ratio	Lower	Upper
165	100		
63	25.4	34.6	52.0#
89	27.7	56.2	84.4#
182	166.1	1.8	2.6#



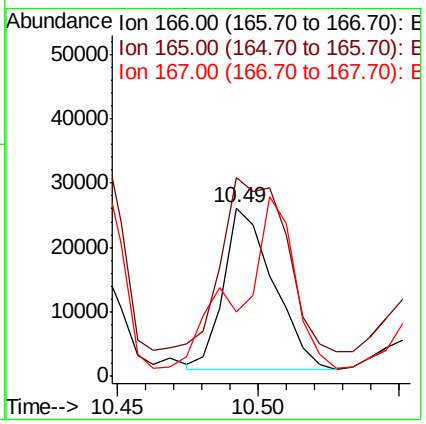


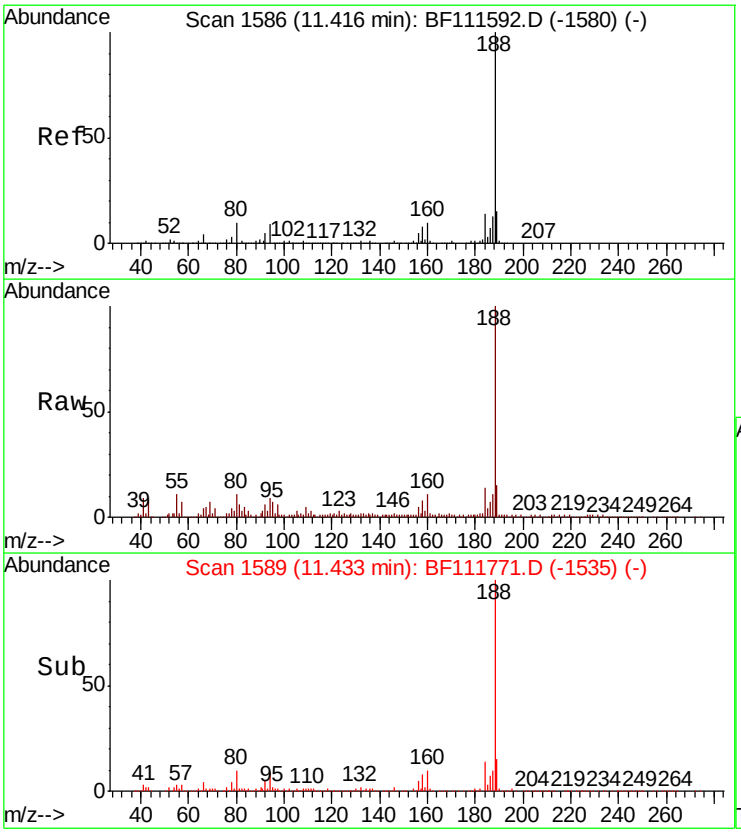
#58
Fluorene
Concen: 2.429 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:166 Resp: 30889

Ion	Ratio	Lower	Upper
166	100		
165	118.1	78.4	117.6#
167	38.4	11.2	16.8#

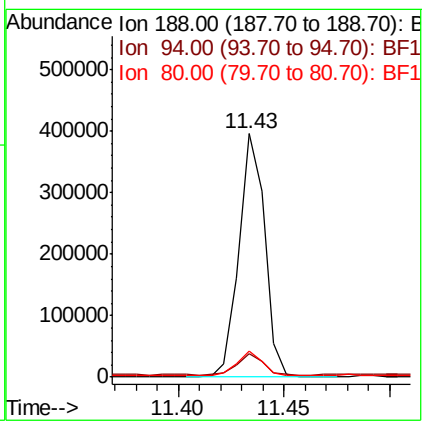


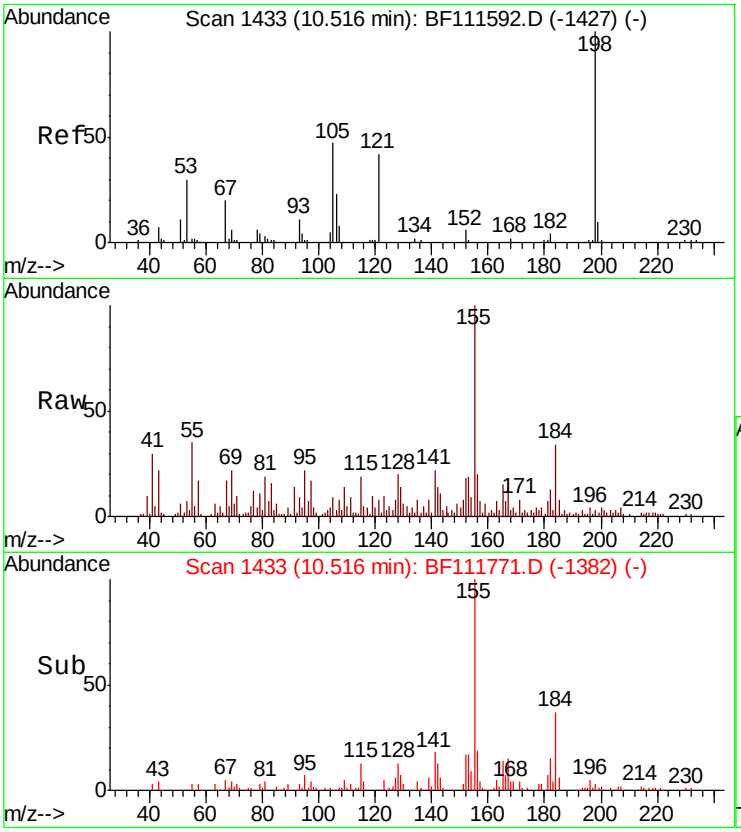


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:188 Resp: 331423

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	10.5	9.8	14.6



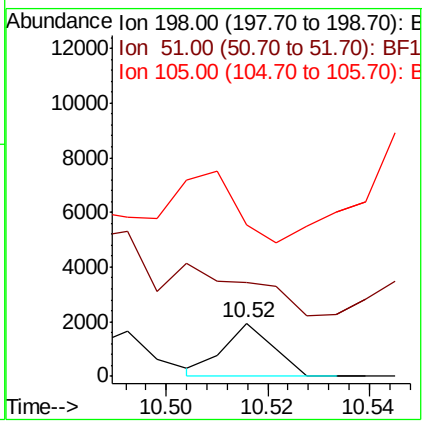


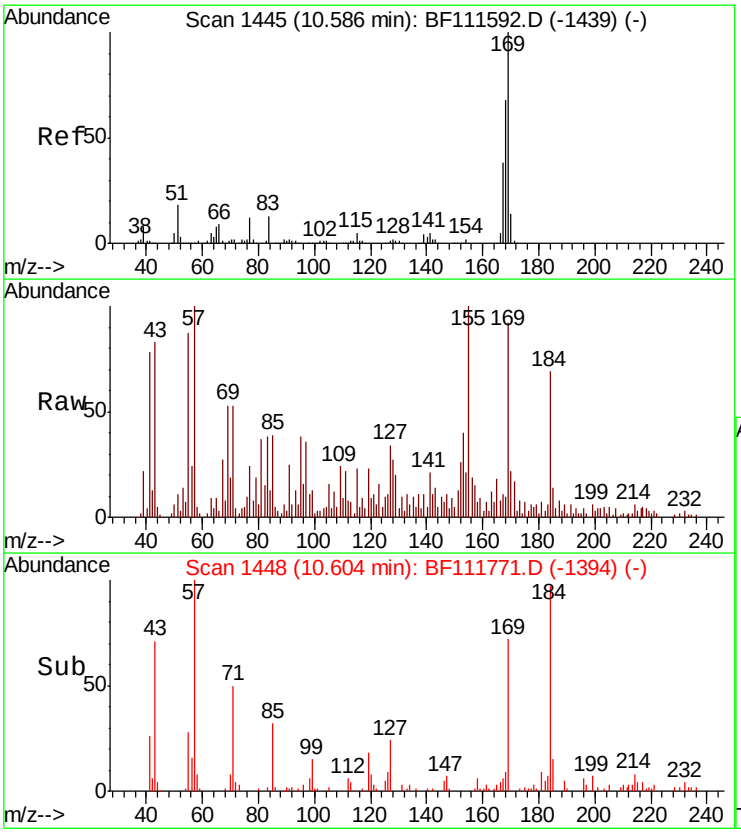
#65
4,6-Dinitro-2-methylphenol
Concen: 7.510 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:198 Resp: 1300

Ion	Ratio	Lower	Upper
198	100		
51	175.4	48.0	88.0#
105	283.7	34.0	74.0#

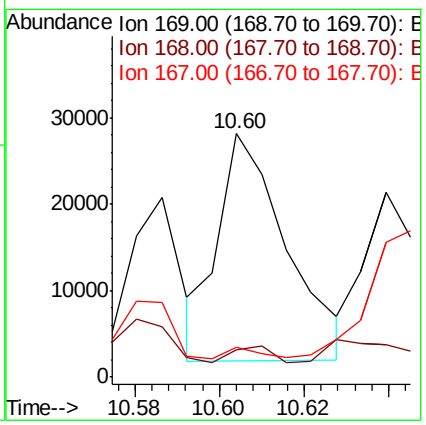


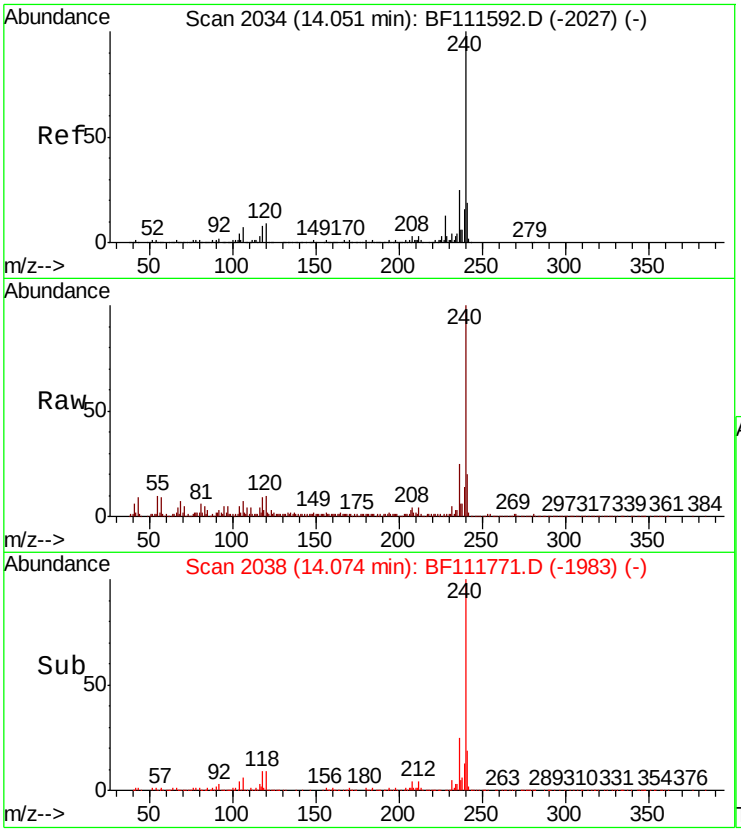


#66
n-Nitrosodiphenylamine
Concen: 2.648 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:169 Resp: 29465

Ion	Ratio	Lower	Upper
169	100		
168	11.1	54.4	81.6#
167	12.3	30.5	45.7#



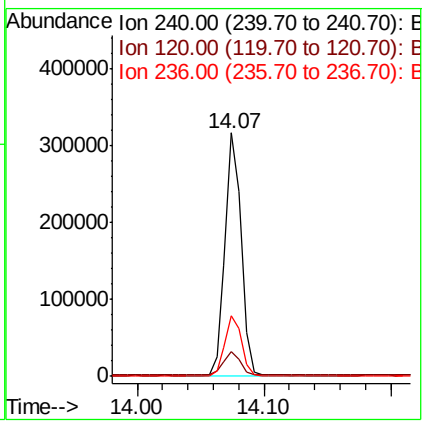


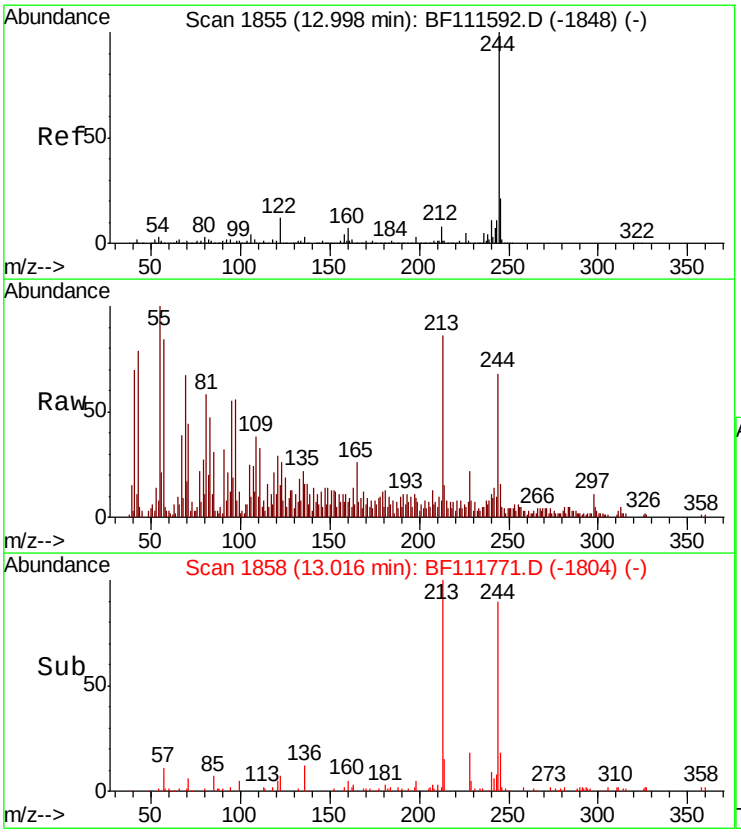
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:240 Resp: 278727

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.0	20.2	30.2

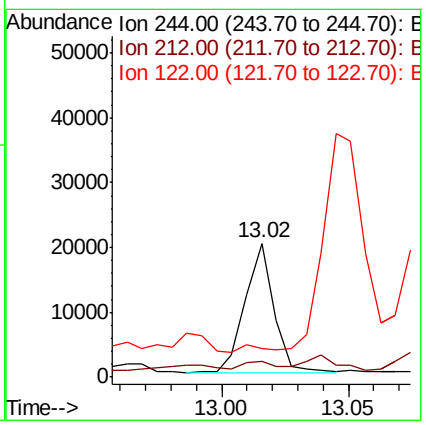


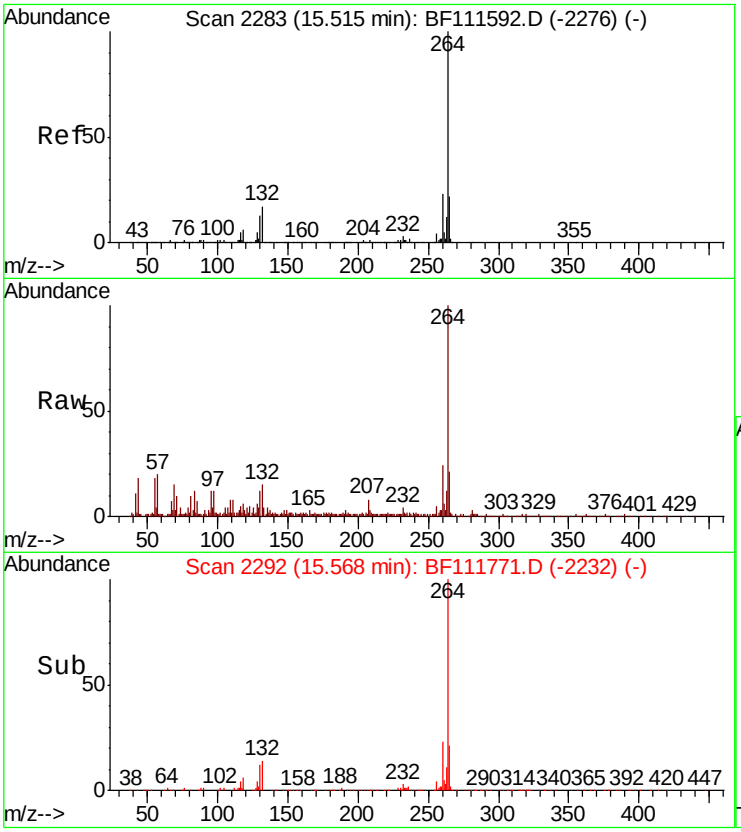


#79
Terphenyl-d14
Concen: 1.085 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Tgt Ion:244 Resp: 15944

Ion	Ratio	Lower	Upper
244	100		
212	11.6	5.7	8.5#
122	21.3	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.05 min
Lab File: BF111771.D
Acq: 27 Dec 2018 19:13

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01

Tgt Ion:264 Resp: 207270

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.3	17.7	26.5