Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111782.D
Acq On : 28 Dec 2018 1:04
Operator : JU/SJ
Sample : J6426-10DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 28 07:38:18 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	117480	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	400290	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	177582	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	292820	20.00	ng		0.02
76) Chrysene-d12	14.07	240	251119	20.00	ng		0.02
87) Perylene-d12	15.56	264	195113	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	40053	5.81	ng		0.02
7) Phenol-d6	6.54	99	40518	4.62	ng		0.02
23) Nitrobenzene-d5	7.46	82	78471	11.41	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	19921	9.49	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	114034	9.36	ng		0.00
79) Terphenyl-d14	13.02	244	103776	7.84	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	34433	5.708	ng	#	1
12) 1,3-Dichlorobenzene	6.85	146	23693	2.678	ng		99
13) 1,4-Dichlorobenzene	6.93	146	146004	16.271	ng		96
14) 1,2-Dichlorobenzene	7.08	146	52260	6.242	ng		95
18) Hexachloroethane	7.44	117	35101	11.608	ng	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	13055	2.241	ng	#	63
22) Acetophenone	7.30	105	111748	11.020	ng	#	47
30) 1,2,4-Trichlorobenzene	8.13	180	682400	98.802	ng		98
31) Naphthalene	8.22	128	705689	36.691	ng		97
33) 4-Chloroaniline	8.22	127	91557	11.014	ng	#	37
35) Caprolactam	8.62	113	43676	20.796	ng	#	51
37) 2-Methylnaphthalene	8.90	142	427725	34.182	ng		99
38) 1-Methylnaphthalene	8.90	142	427725	35.591	ng		95
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	72610	12.443	ng	#	93
46) 1,1'-Biphenyl	9.36	154	116450	7.768	ng		94
48) 2-Nitroaniline	9.46	65	9498	3.074	ng	#	32
53) 3-Nitroaniline	9.90	138	7142	2.586	ng	#	23
54) 2,4-Dinitrophenol	9.92	184	240	7.570	ng	#	1
56) 4-Nitrophenol	10.05	139	15828	7.510	ng	#	25
57) 2,4-Dinitrotoluene	10.15	165	9854	3.166	ng	#	59
62) 4-Nitroaniline	10.40	138	10011	3.730	ng		89
65) 4,6-Dinitro-2-methylphenol	10.52	198	1216	7.558	ng	#	1
66) n-Nitrosodiphenylamine	10.60	169	70478	7.170	ng	#	38
69) Atrazine	11.13	200	56970	16.683	ng	#	46
71) Phenanthrene	11.46	178	165877	10.682	ng		94
72) Anthracene	11.46	178	165877	10.642	ng		95
84) Bis(2-ethylhexyl)phthalate	14.05	149	269071	29.551	ng	#	98

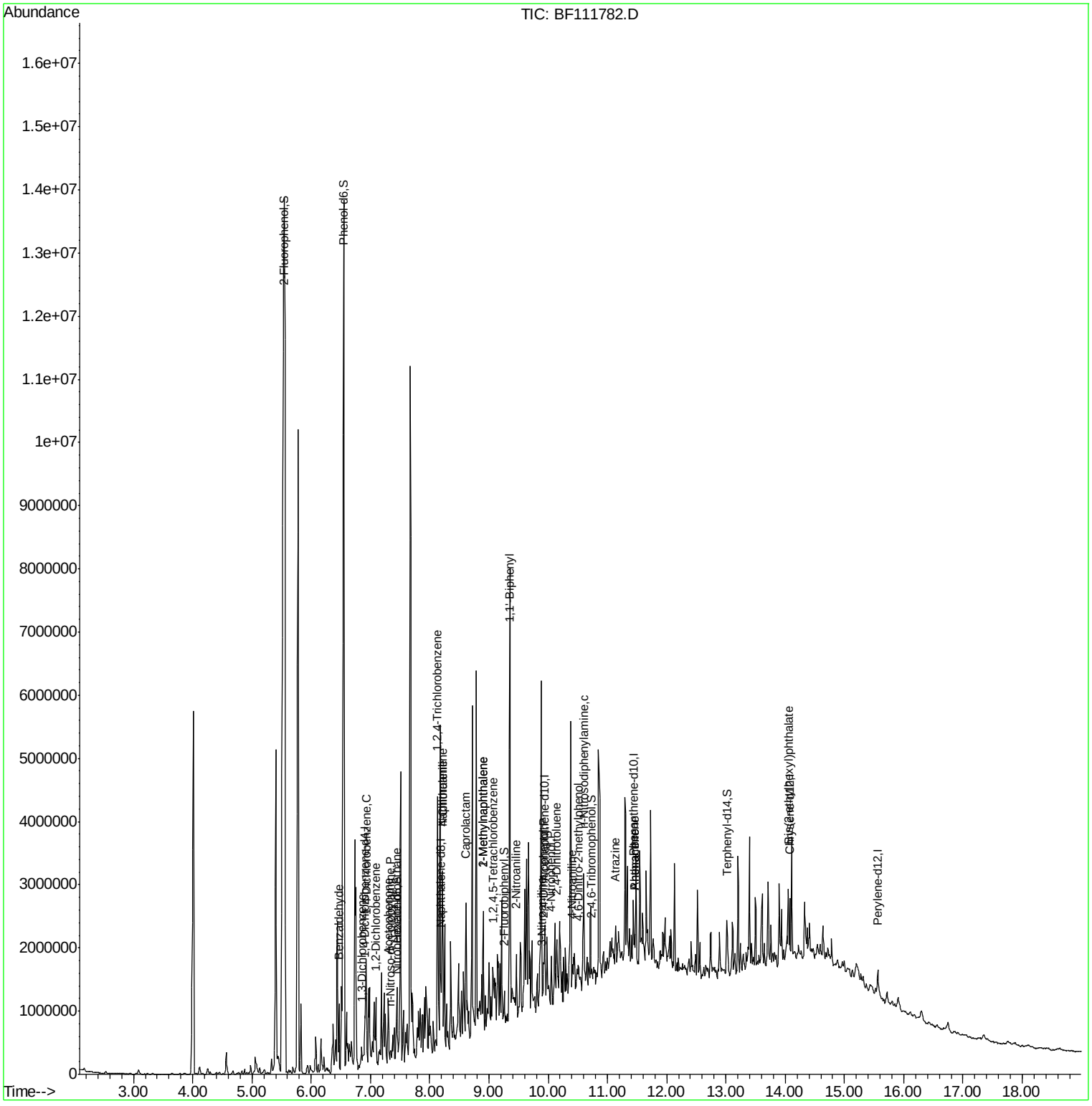
(#) = qualifier out of range (m) = manual integration (+) = signals summed

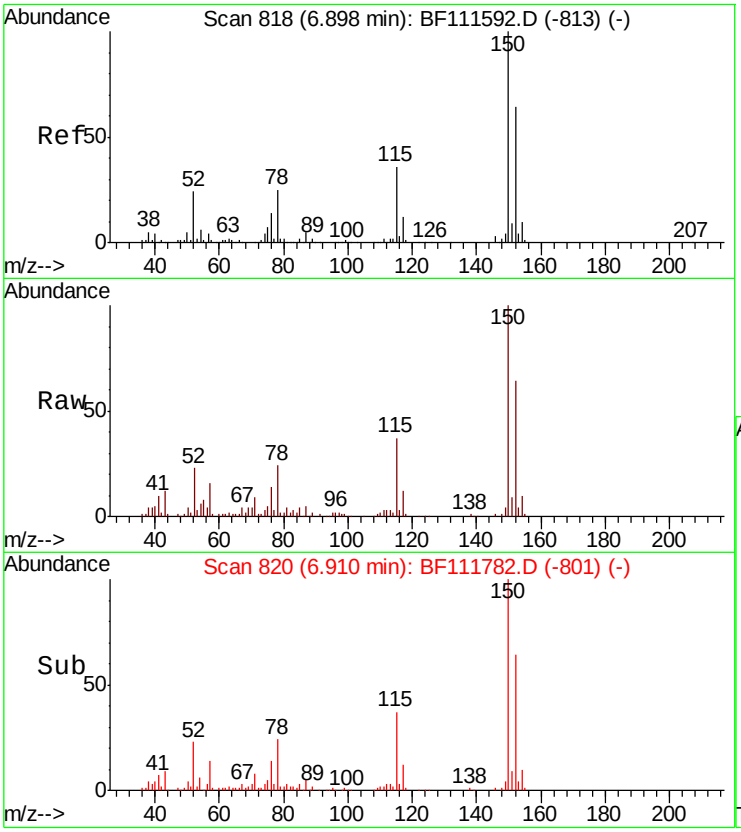
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111782.D
Acq On : 28 Dec 2018 1:04
Operator : JU/SJ
Sample : J6426-10DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 28 07:38:18 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



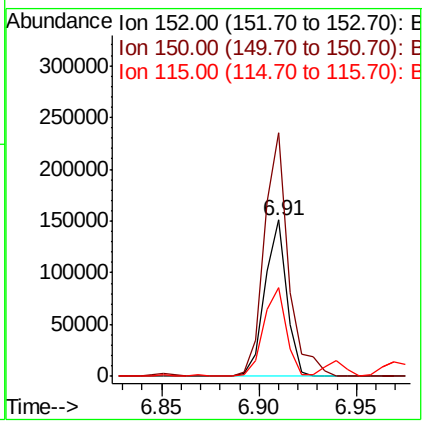


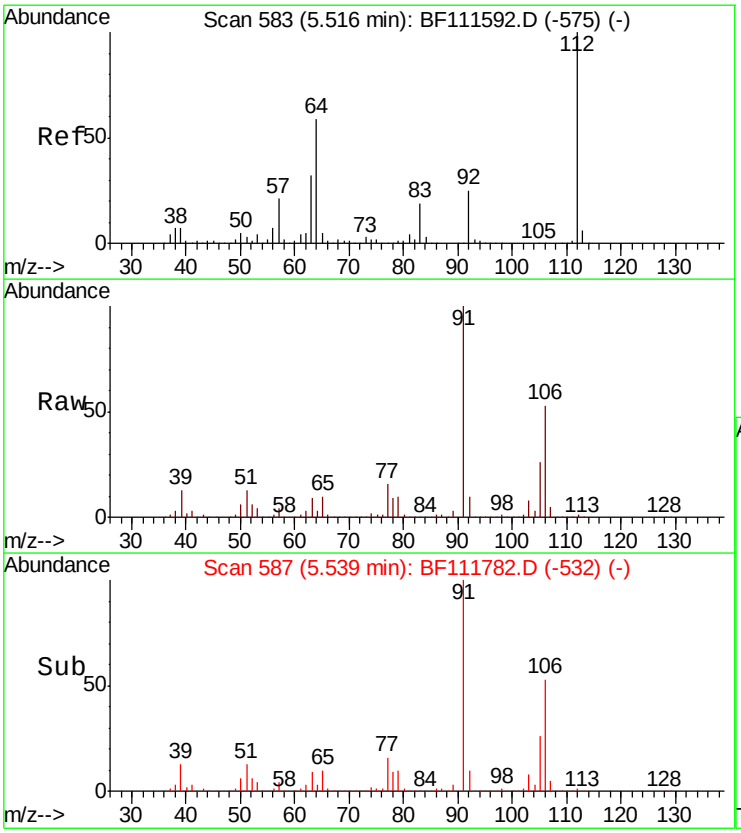
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:152 Resp: 117480

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	57.0	50.7	76.1

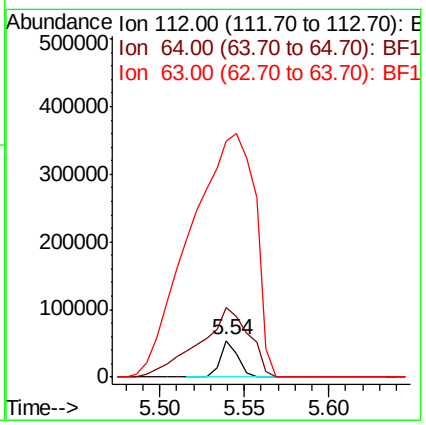


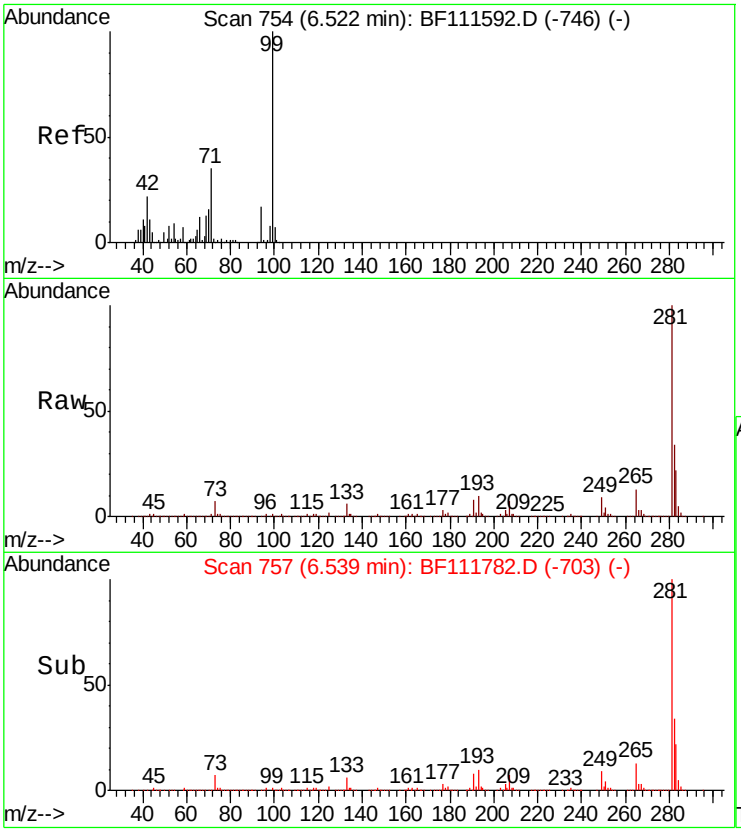


#5
2-Fluorophenol
Concen: 5.811 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:112 Resp: 40053

Ion	Ratio	Lower	Upper
112	100		
64	190.3	51.8	77.6#
63	651.1	26.8	40.2#



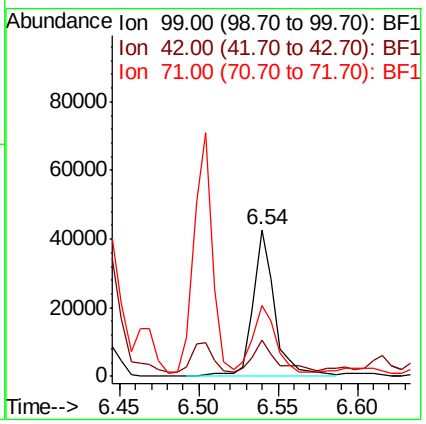


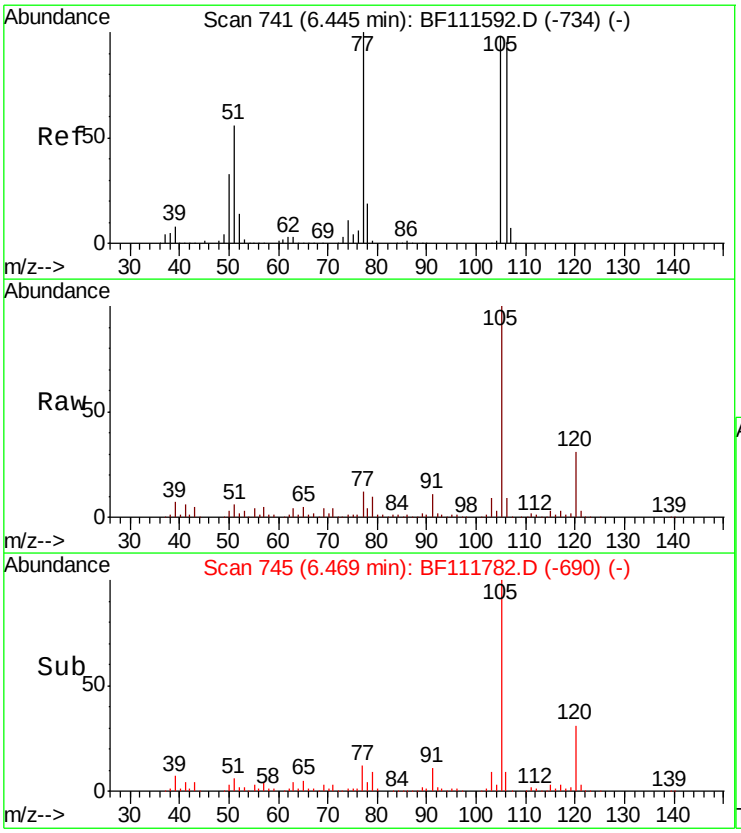
#7
Phenol-d6
Concen: 4.619 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion: 99 Resp: 40518

Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.4	26.0
71	48.0	26.1	39.1#

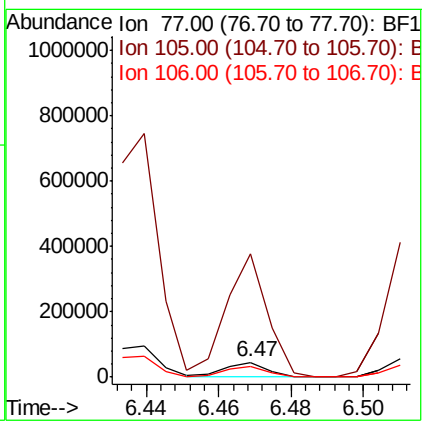


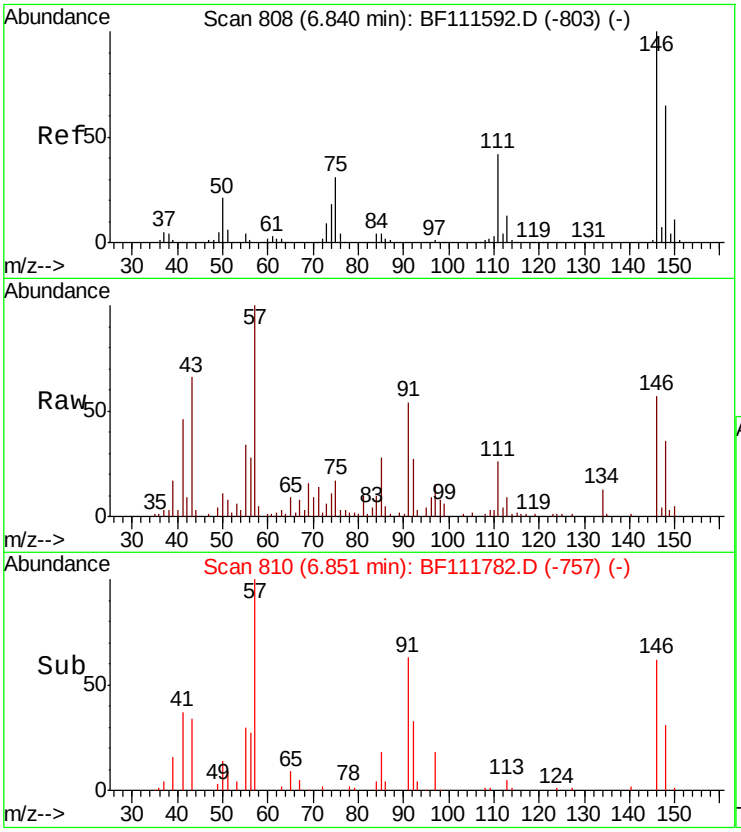


#9
Benzaldehyde
Concen: 5.708 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion: 77 Resp: 34433

Ion	Ratio	Lower	Upper
77	100		
105	848.6	81.4	121.4#
106	74.2	77.9	117.9#



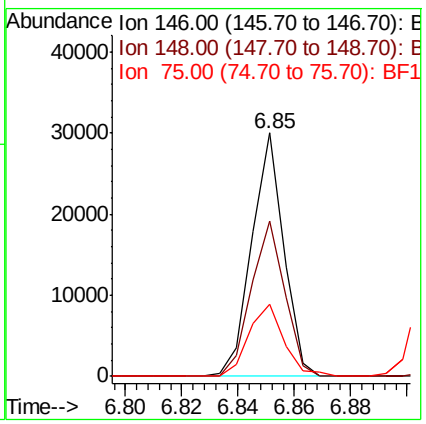


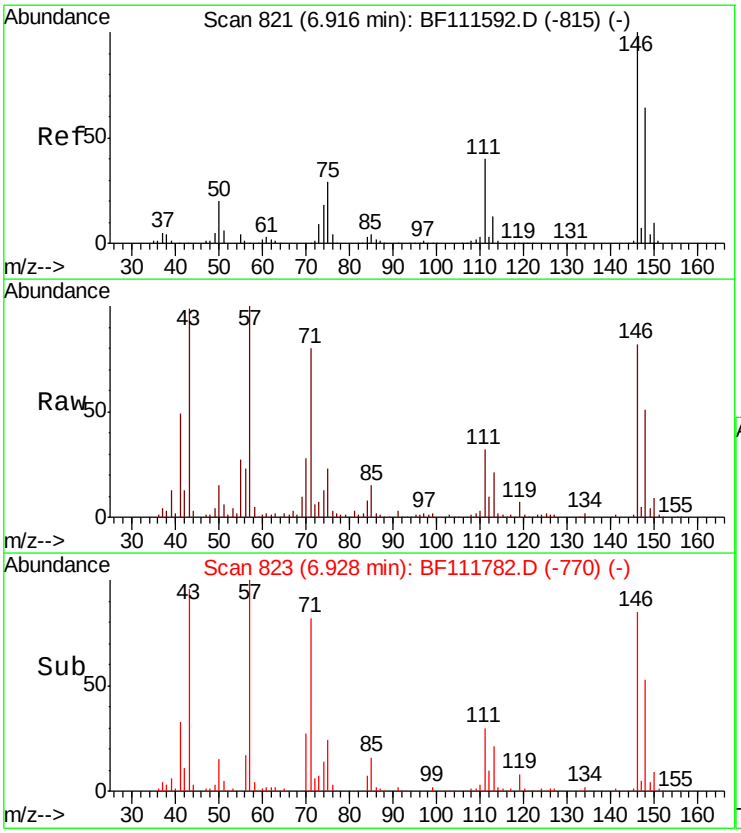
#12
1,3-Dichlorobenzene
Concen: 2.678 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:146 Resp: 23693

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	29.5	23.9	35.9

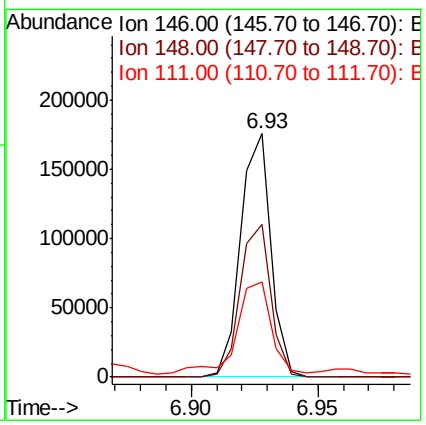


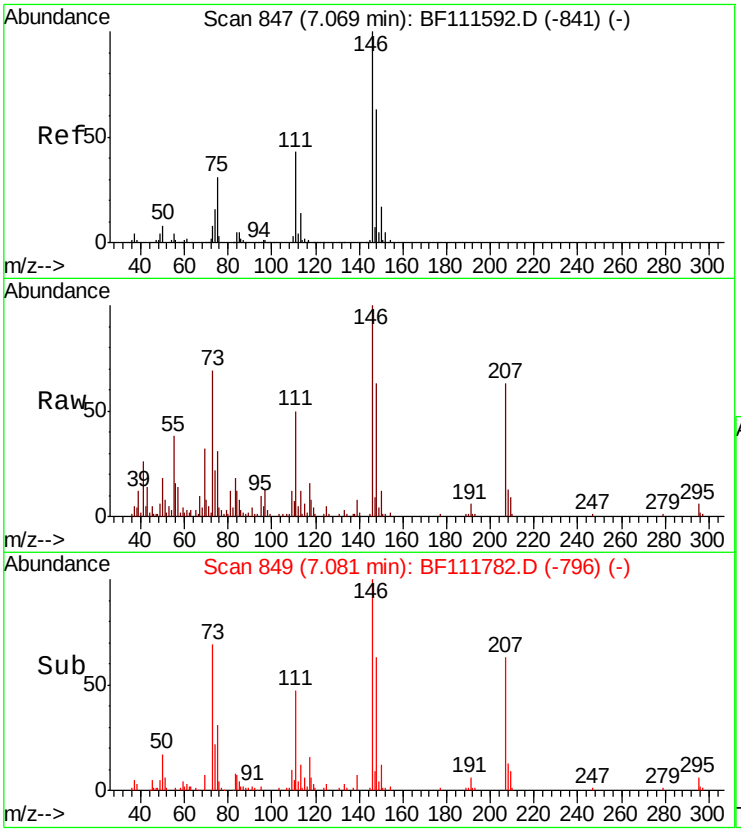


#13
1,4-Dichlorobenzene
Concen: 16.271 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:146 Resp: 146004

Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.8	79.2
111	39.1	33.4	50.0



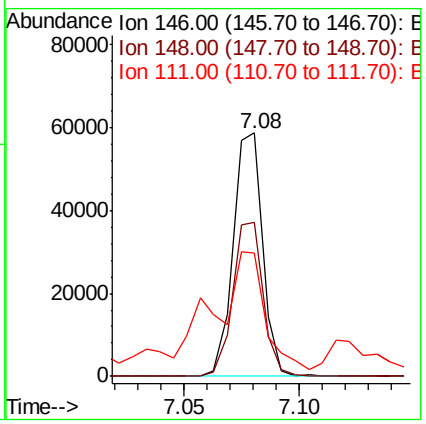


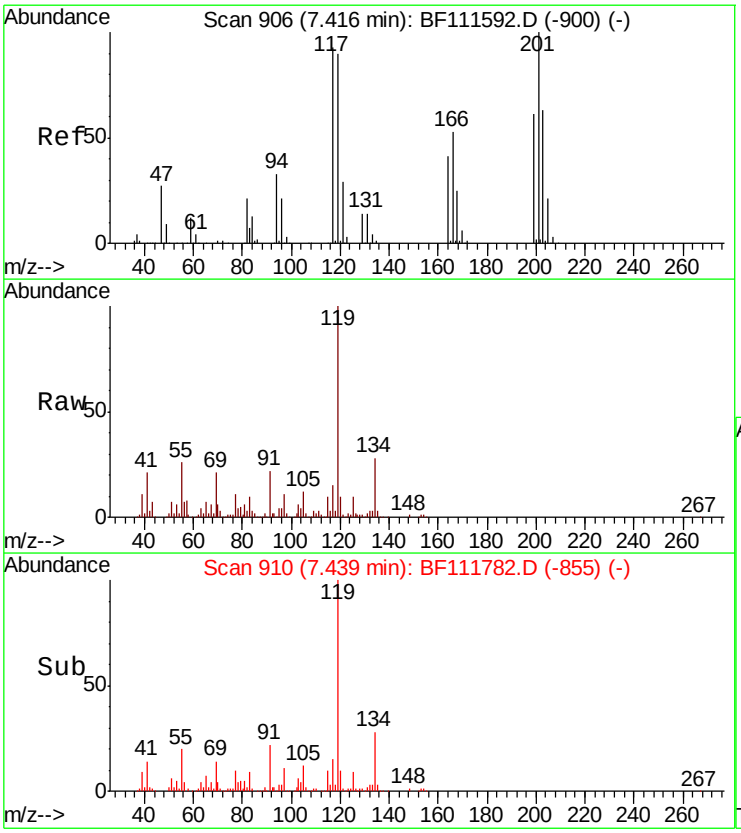
#14
1,2-Dichlorobenzene
Concen: 6.242 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:146 Resp: 52260

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	50.5	36.2	54.4

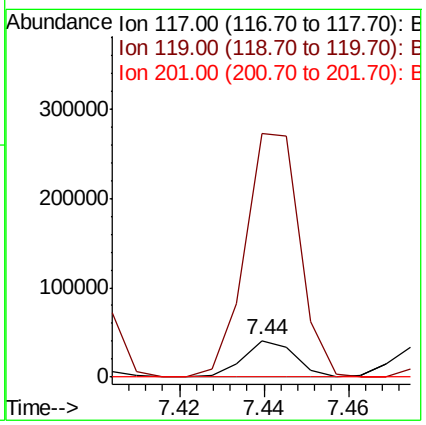


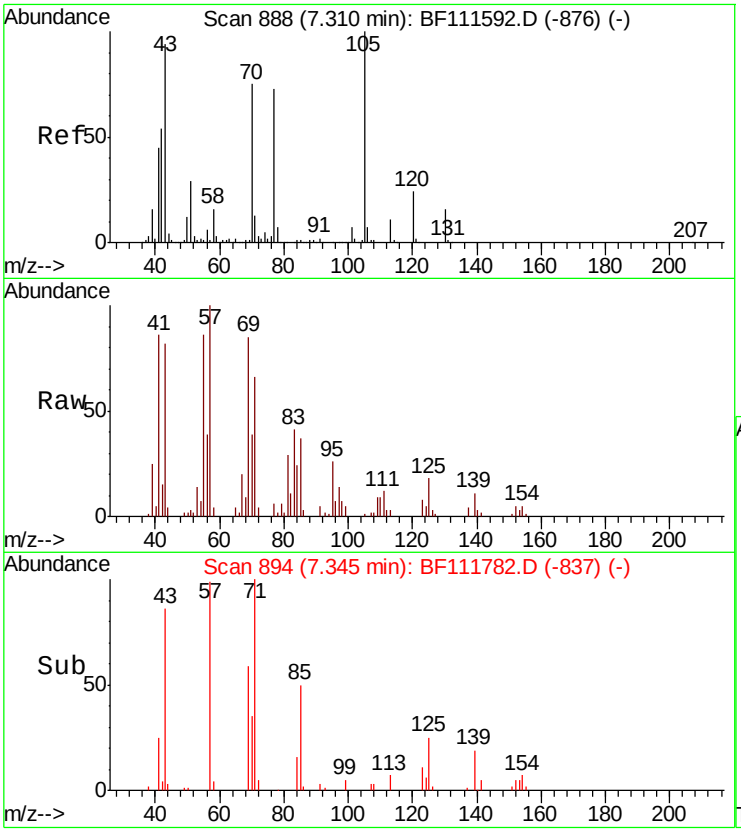


#18
Hexachloroethane
Concen: 11.608 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:117 Resp: 35101

Ion	Ratio	Lower	Upper
117	100		
119	661.5	75.4	113.0#
201	0.0	62.4	93.6#



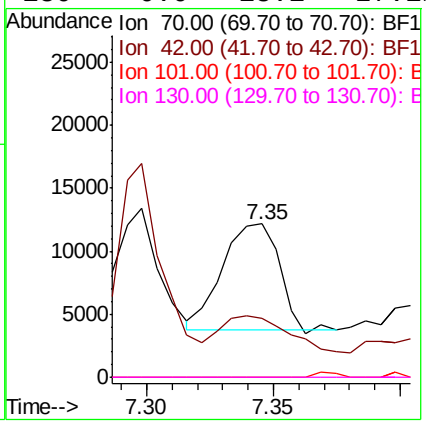


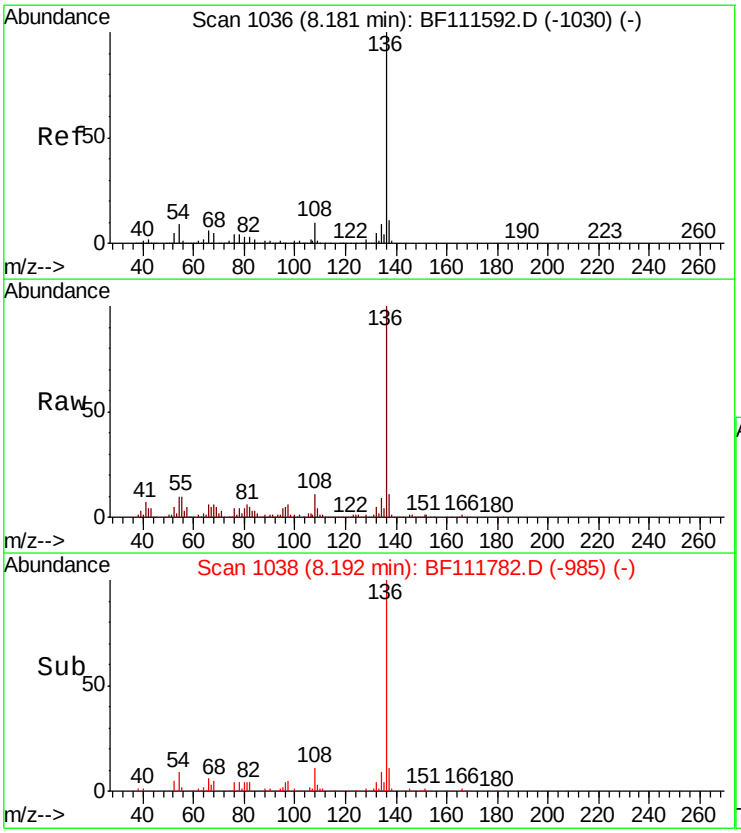
#19
n-Nitroso-di-n-propylamine
Concen: 2.241 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.04 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion: 70 Resp: 13055

Ion	Ratio	Lower	Upper
70	100		
42	38.3	53.2	79.8#
101	0.0	8.2	12.4#
130	0.0	18.1	27.1#

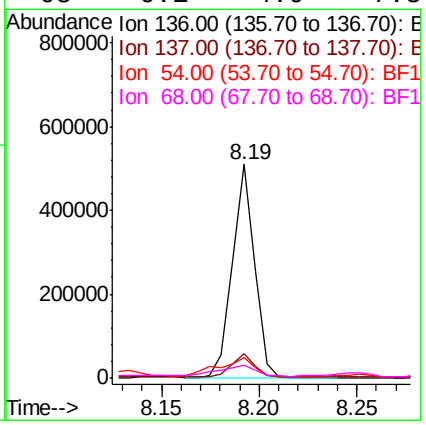


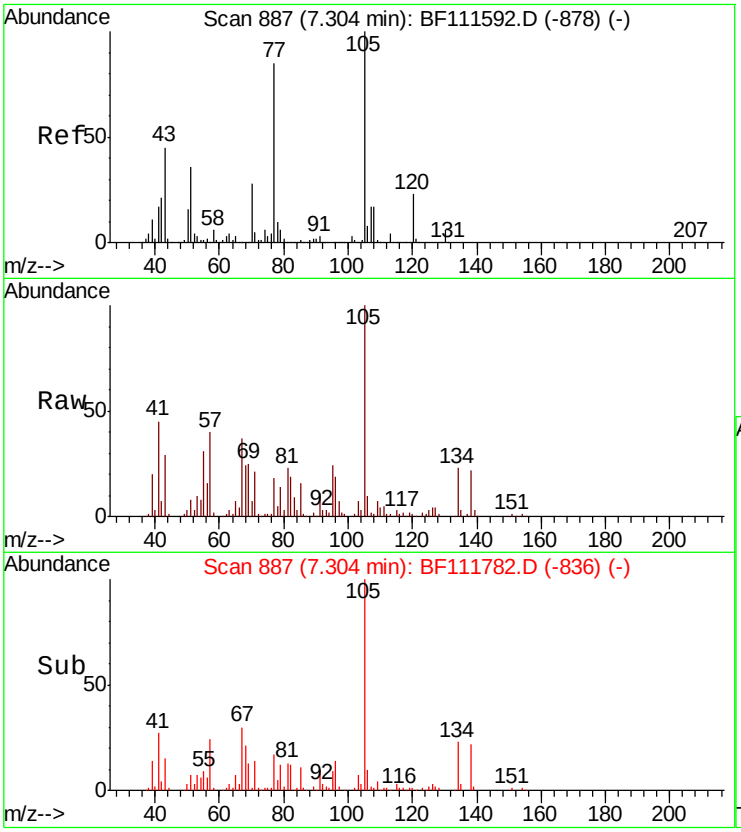


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:136 Resp: 400290

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	7.7	11.5
68	6.1	4.9	7.3



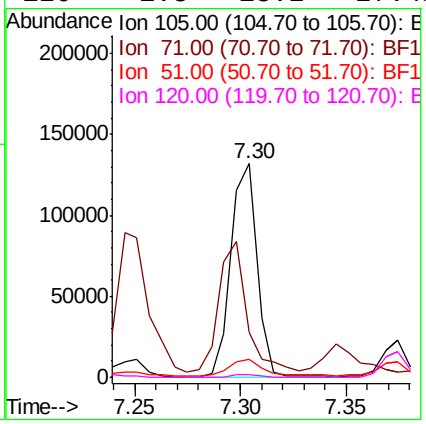


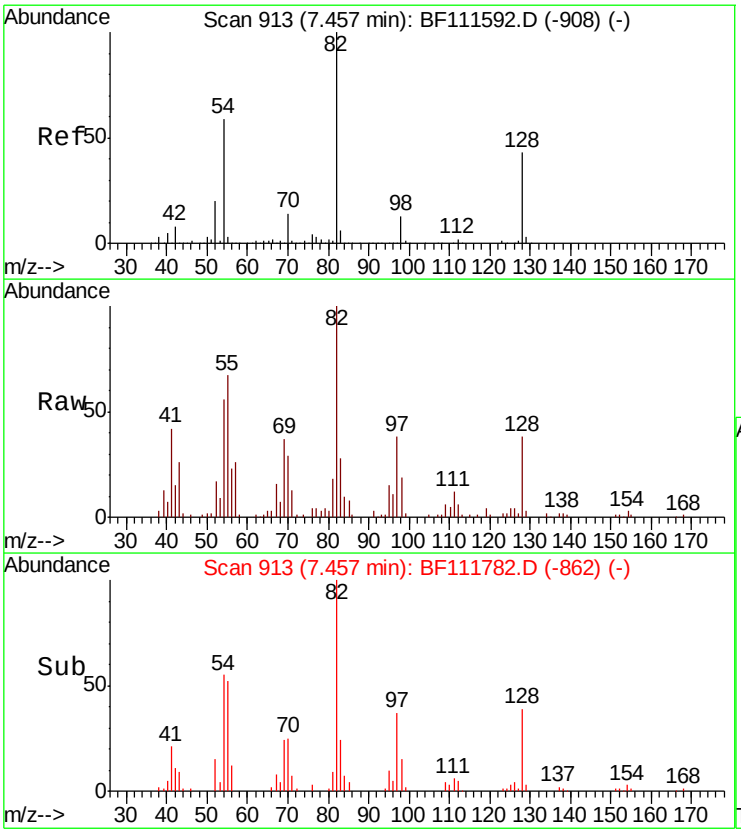
#22
Acetophenone
Concen: 11.020 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:105 Resp: 111748

Ion	Ratio	Lower	Upper
105	100		
71	21.0	3.1	4.7#
51	8.2	36.6	54.8#
120	1.3	18.2	27.4#

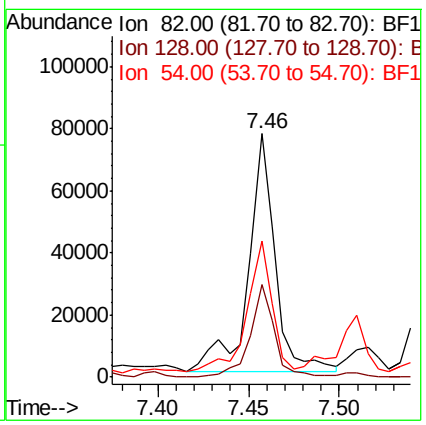


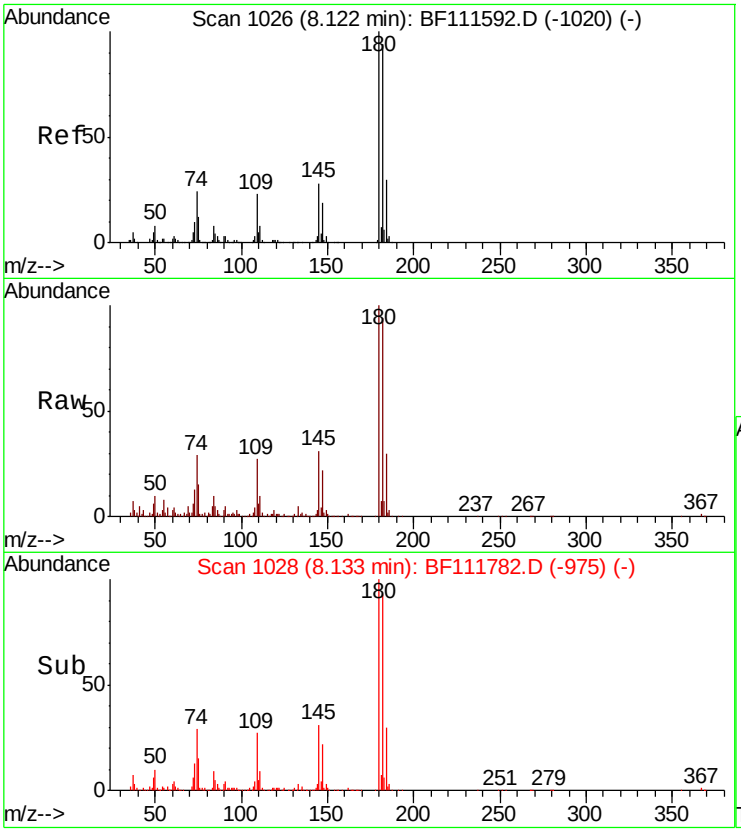


#23
Nitrobenzene-d5
Concen: 11.411 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion: 82 Resp: 78471

Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.4	56.2
54	56.1	47.6	71.4



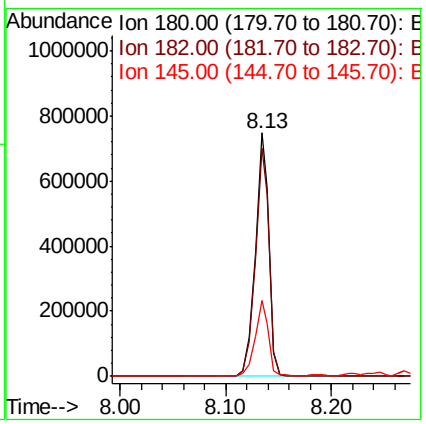


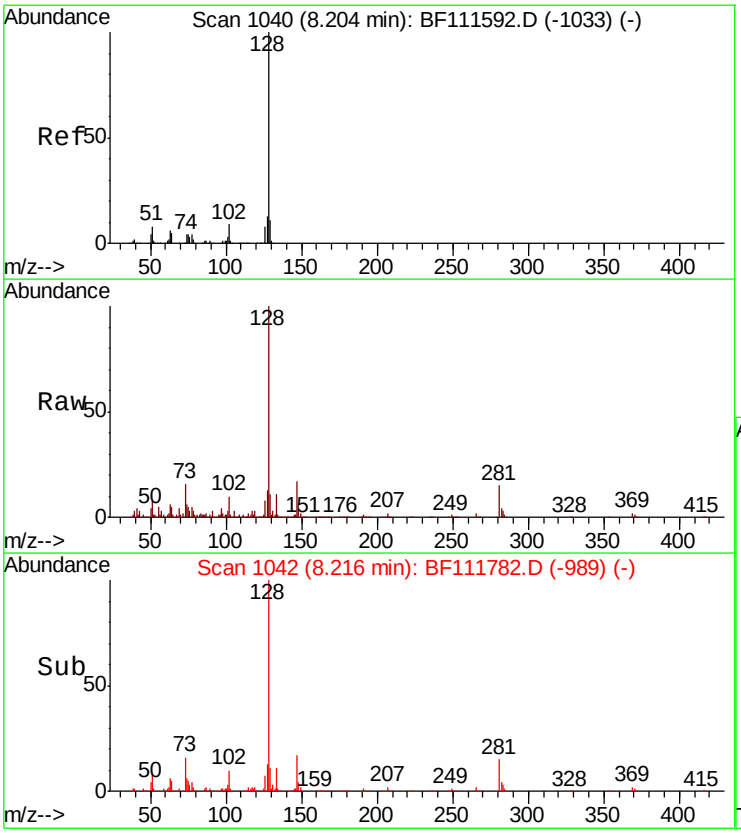
#30
1,2,4-Trichlorobenzene
Concen: 98.802 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:180 Resp: 682400

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.6	113.4
145	31.4	26.7	40.1

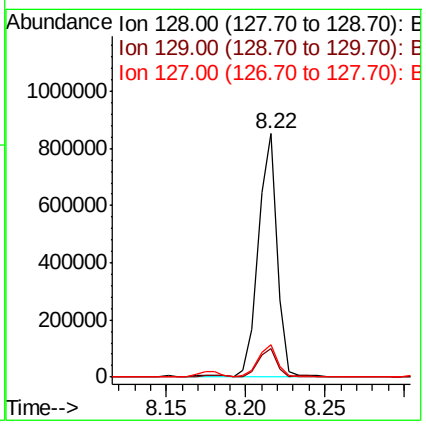


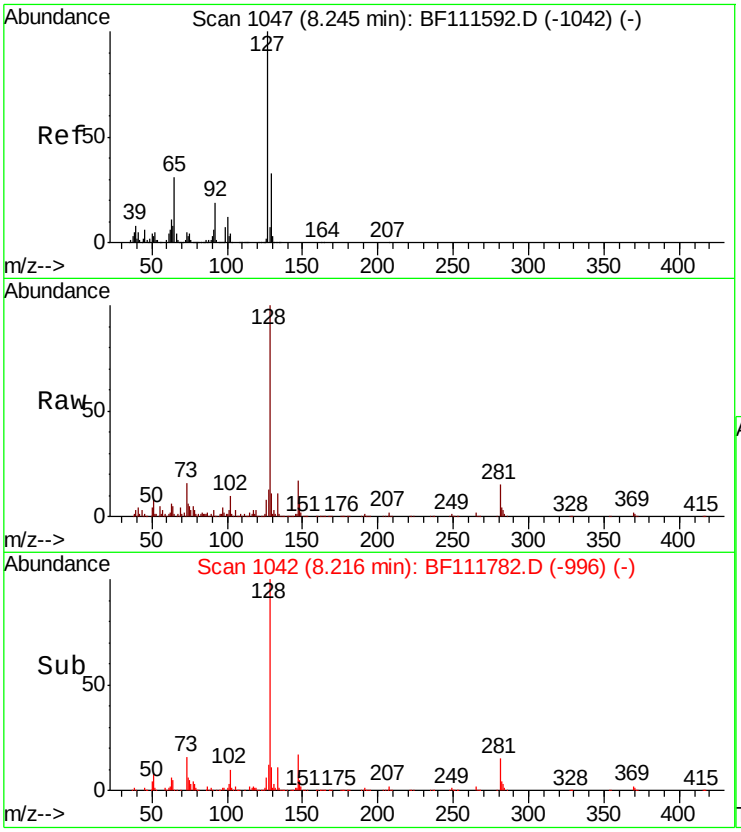


#31
Naphthalene
Concen: 36.691 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:128 Resp: 705689

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.2	12.0	18.0



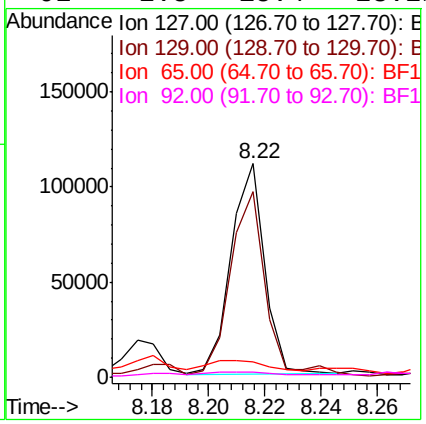


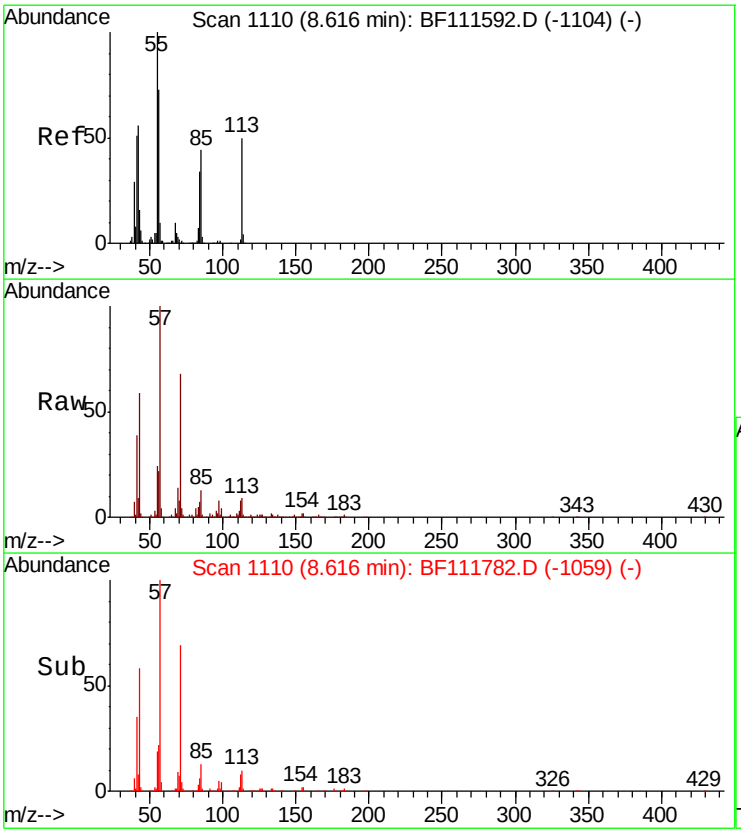
#33
4-Chloroaniline
Concen: 11.014 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:127 Resp: 91557

Ion	Ratio	Lower	Upper
127	100		
129	87.2	26.6	39.8#
65	7.5	25.7	38.5#
92	2.5	15.4	23.2#

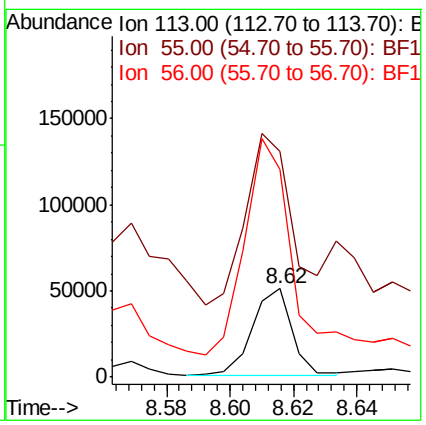


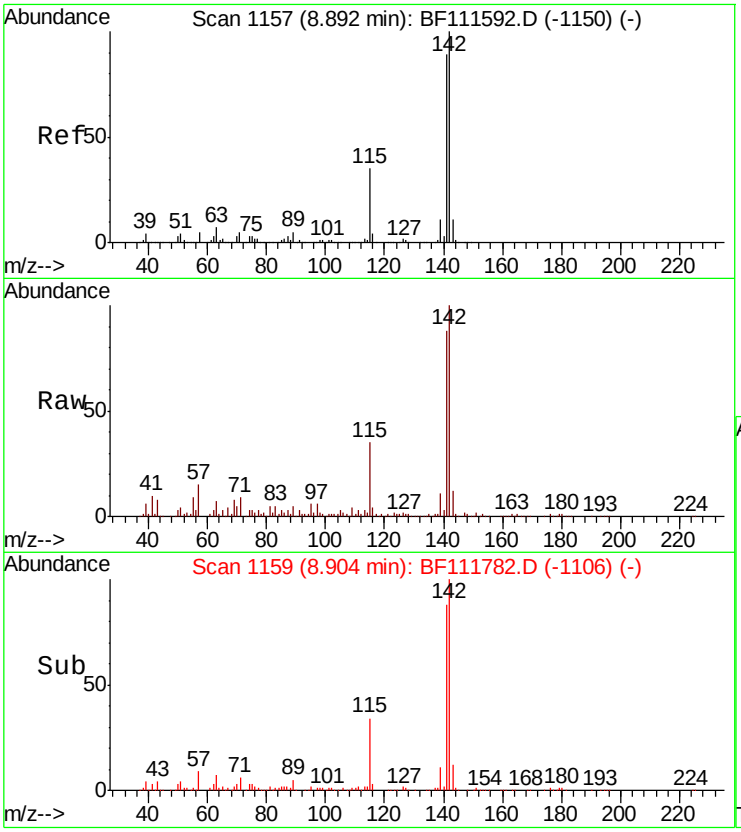


#35
Caprolactam
Concen: 20.796 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:113 Resp: 43676

Ion	Ratio	Lower	Upper
113	100		
55	254.3	184.1	224.1#
56	234.3	126.0	166.0#



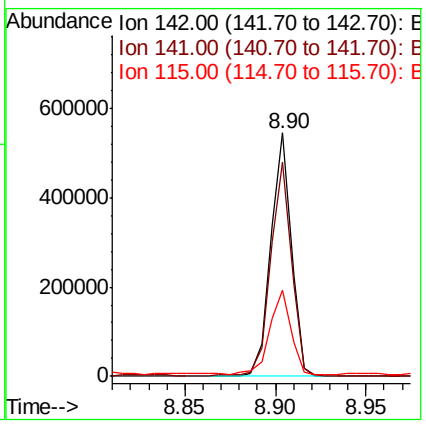


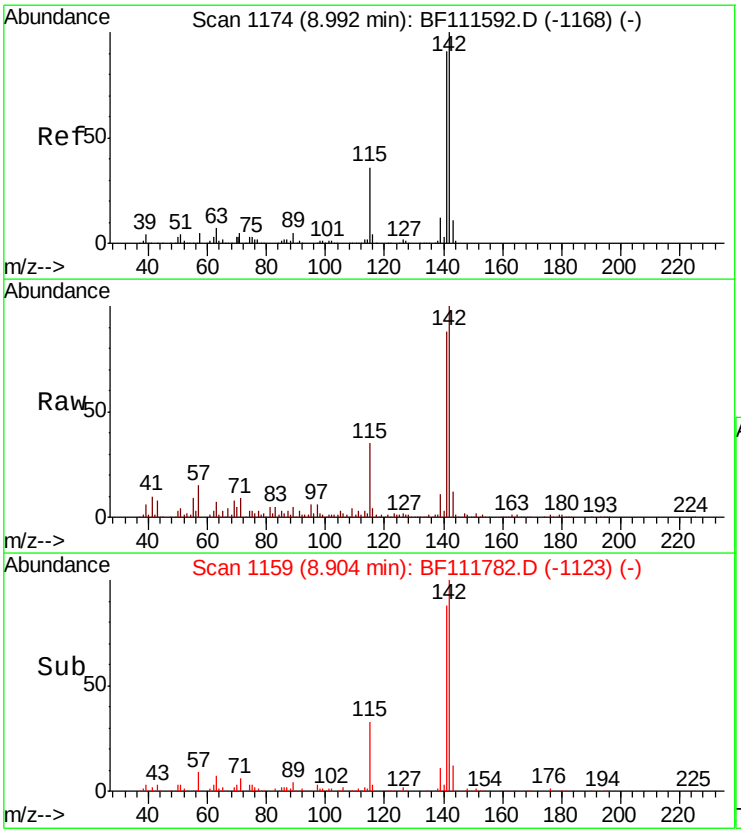
#37
2-Methylnaphthalene
Concen: 34.182 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:142 Resp: 427725

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	35.2	27.0	40.6

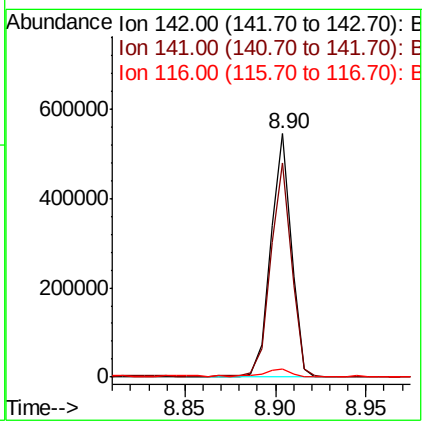


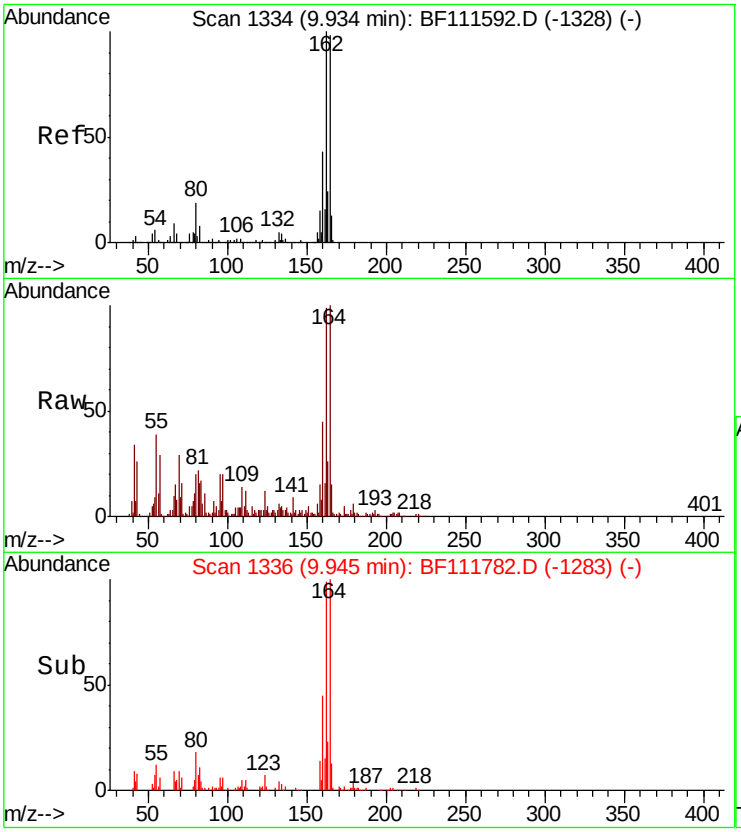


#38
1-Methylnaphthalene
Concen: 35.591 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.09 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:142 Resp: 427725

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.2	111.4
116	3.5	2.9	4.3



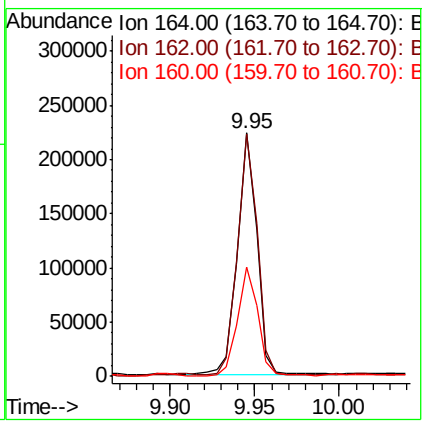


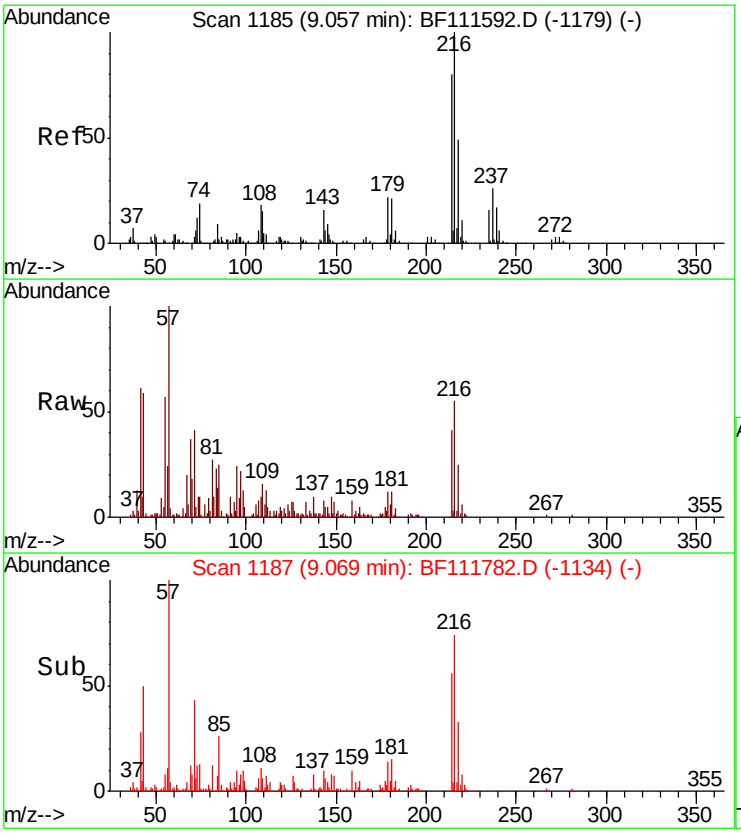
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:164 Resp: 177582

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	45.0	35.7	53.5

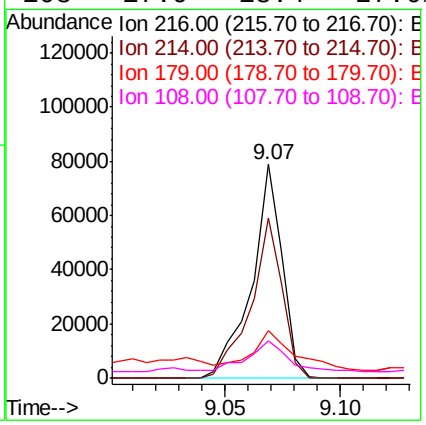


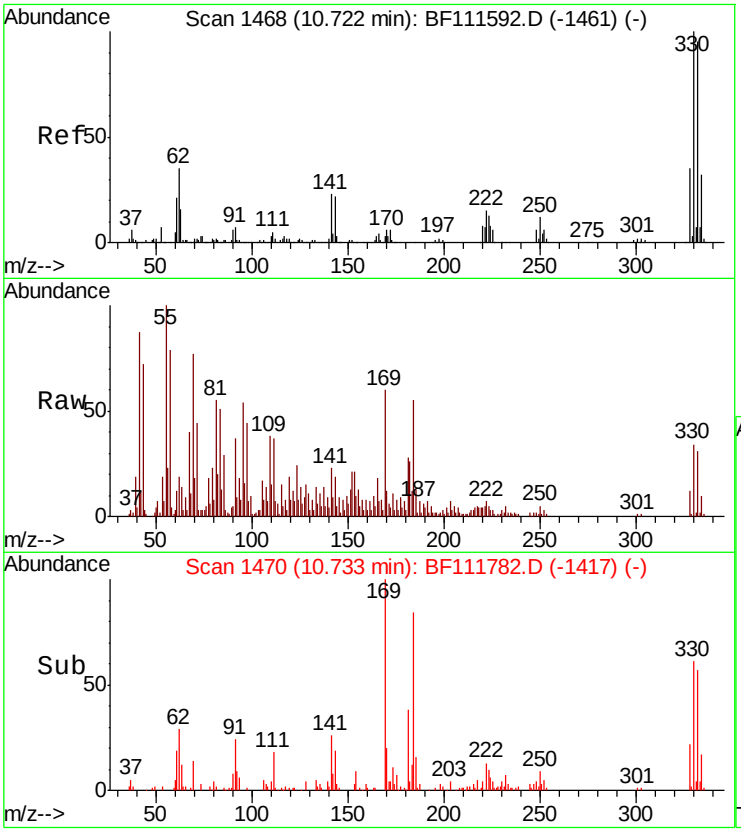


#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.443 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:216 Resp: 72610

Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.8	95.8
179	29.2	17.9	26.9#
108	17.9	18.4	27.6#



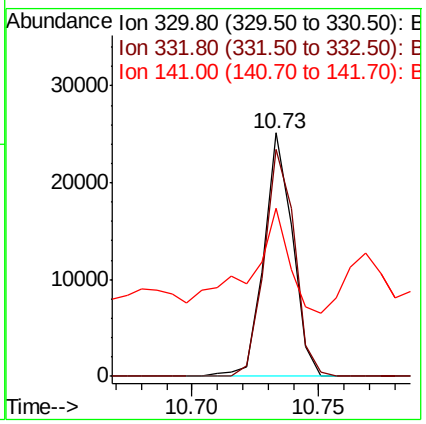


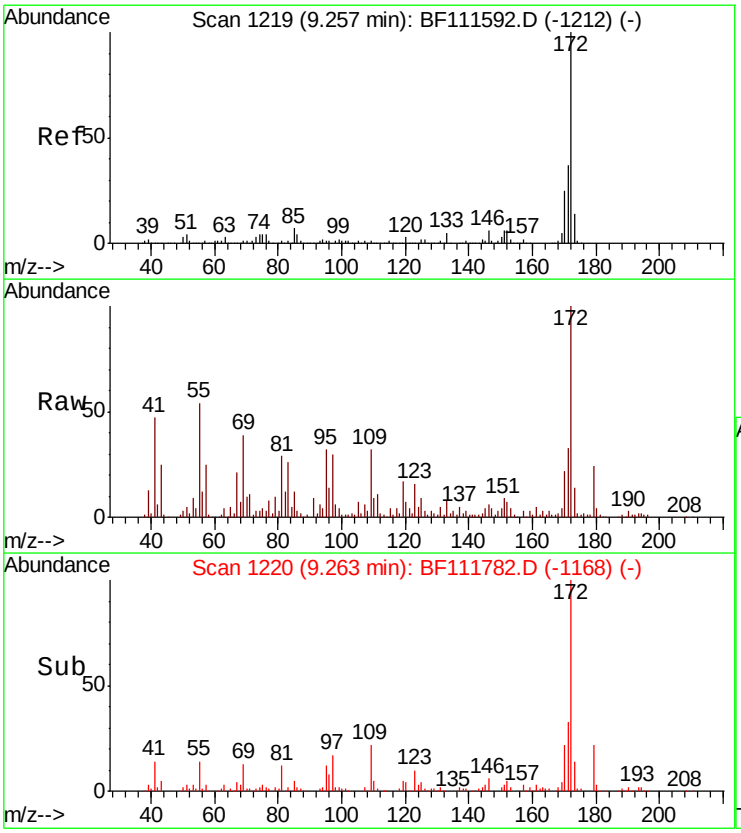
#42
2,4,6-Tribromophenol
Concen: 9.494 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:330 Resp: 19921

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.0	114.0
141	58.8	31.0	46.6#

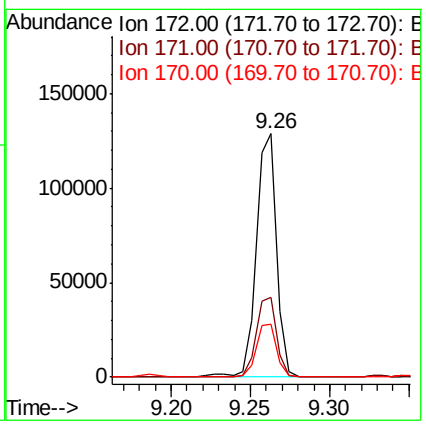


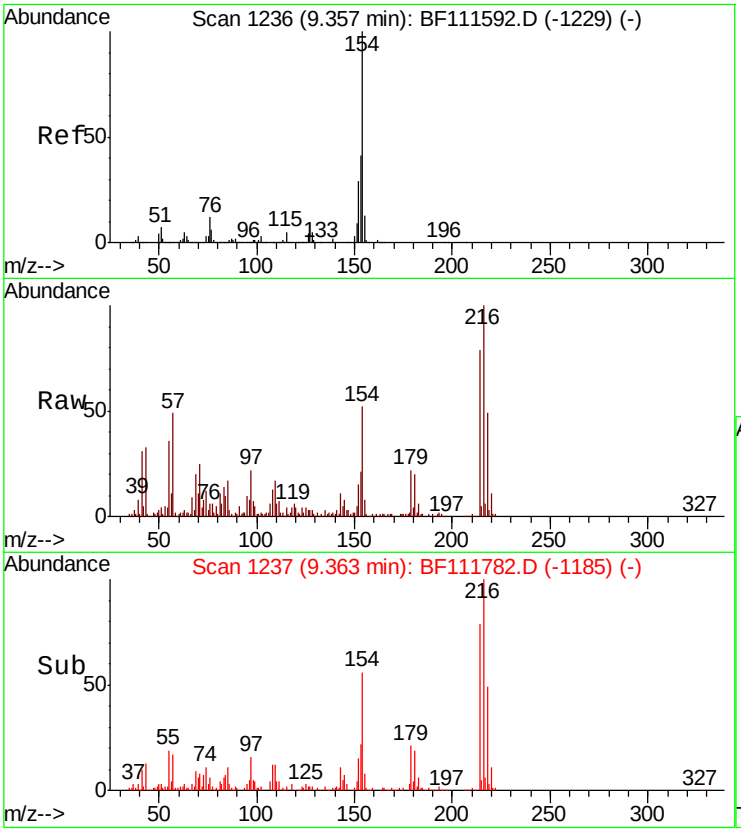


#45
2-Fluorobiphenyl
Concen: 9.360 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:172 Resp: 114034

Ion	Ratio	Lower	Upper
172	100		
171	32.8	33.0	49.4#
170	21.9	22.3	33.5#



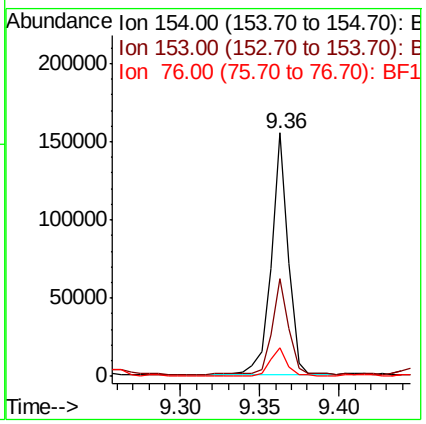


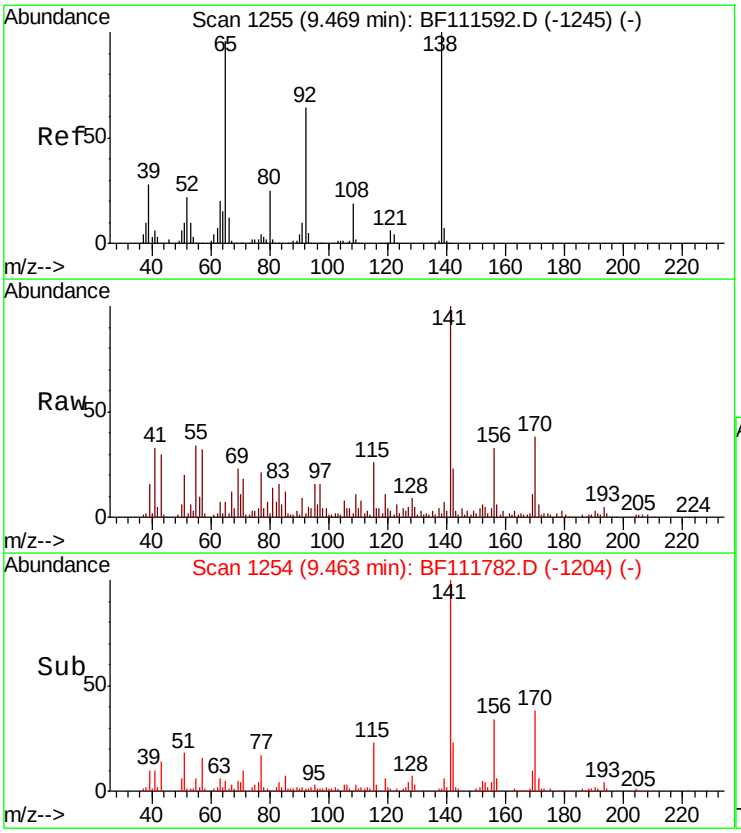
#46
1,1'-Biphenyl
Concen: 7.768 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:154 Resp: 116450

Ion	Ratio	Lower	Upper
154	100		
153	40.3	23.7	63.7
76	11.6	0.0	35.0

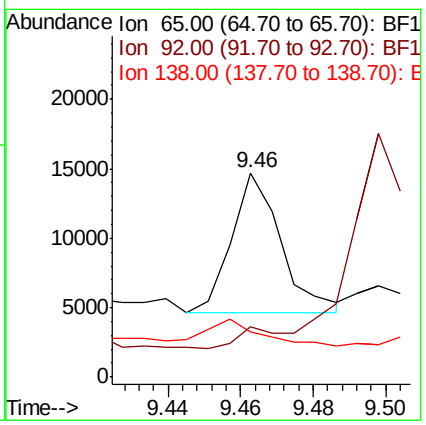


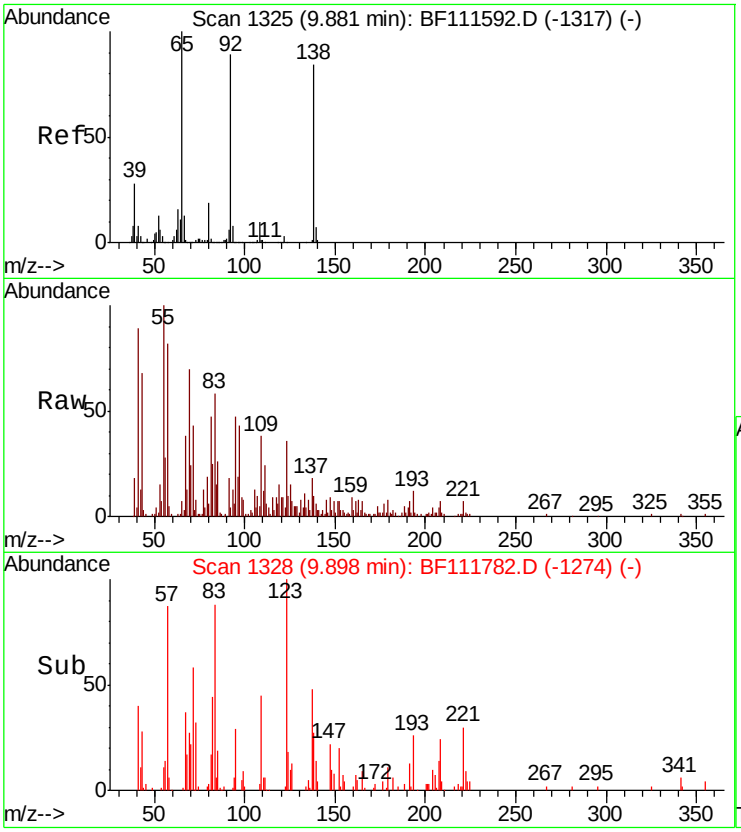


#48
2-Nitroaniline
Concen: 3.074 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion: 65 Resp: 9498

Ion	Ratio	Lower	Upper
65	100		
92	24.5	53.5	80.3#
138	22.2	80.9	121.3#



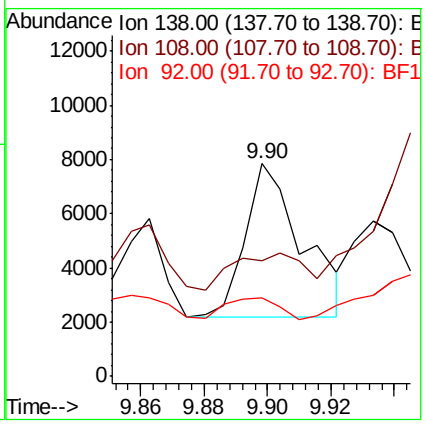


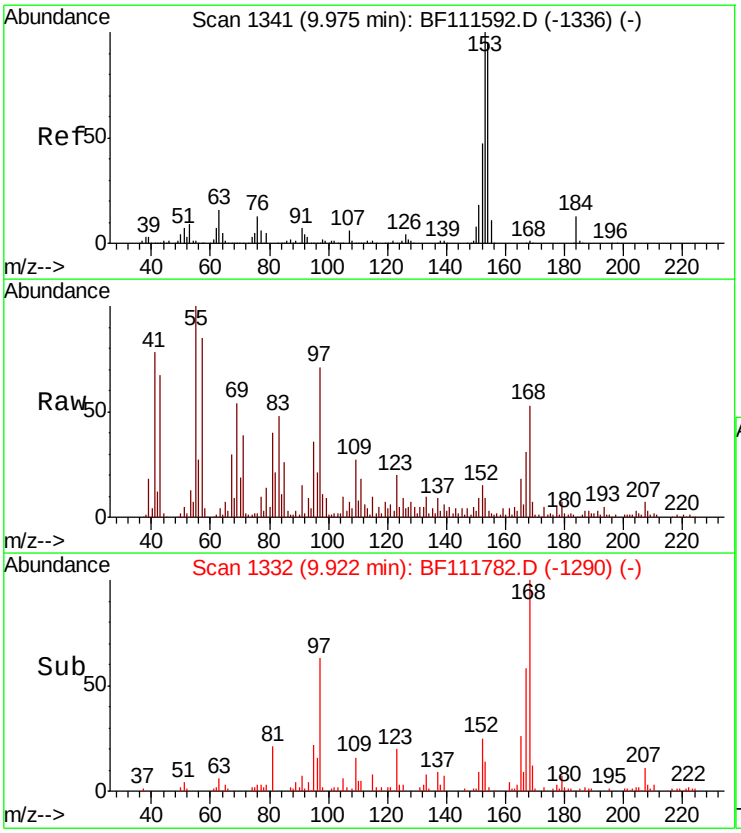
#53
3-Nitroaniline
Concen: 2.586 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:138 Resp: 7142

Ion	Ratio	Lower	Upper
138	100		
108	54.3	8.2	12.4#
92	36.8	93.4	140.2#

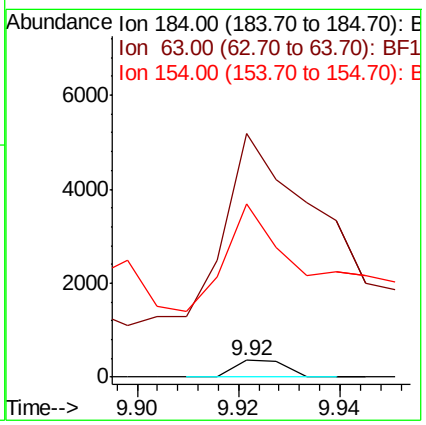


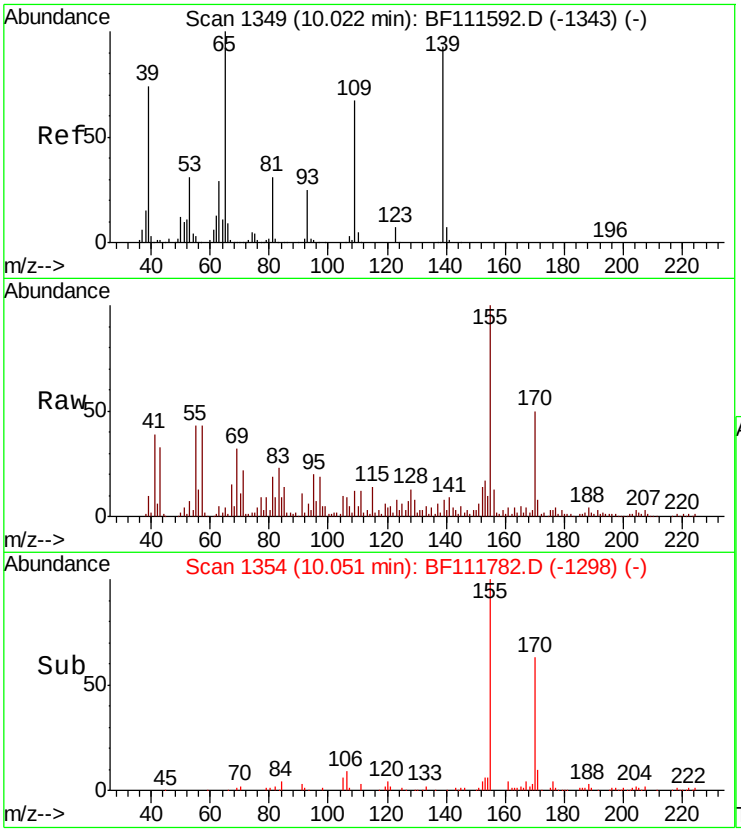


#54
2,4-Dinitrophenol
Concen: 7.570 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.05 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:184 Resp: 240

Ion	Ratio	Lower	Upper
184	100		
63	1460.0	62.3	93.5#
154	1042.5	56.2	84.2#



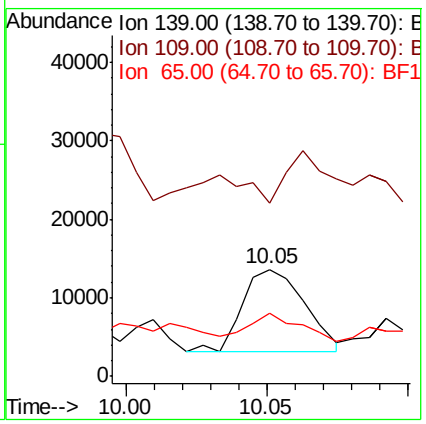


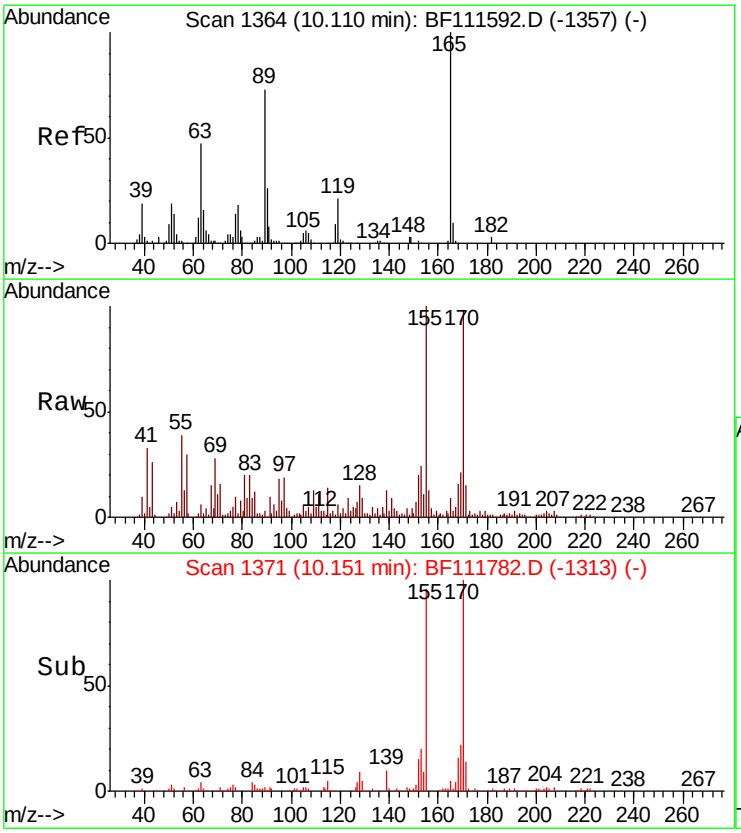
#56
4-Nitrophenol
Concen: 7.510 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:139 Resp: 15828

Ion	Ratio	Lower	Upper
139	100		
109	161.2	41.8	81.8#
65	59.0	79.6	119.6#

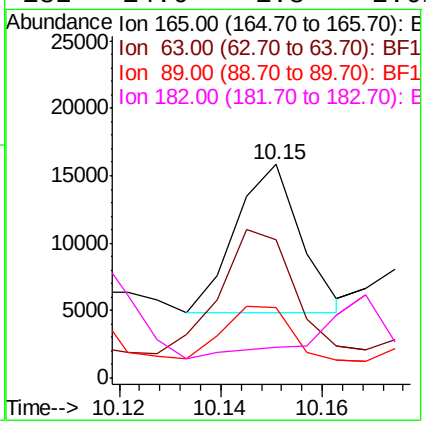


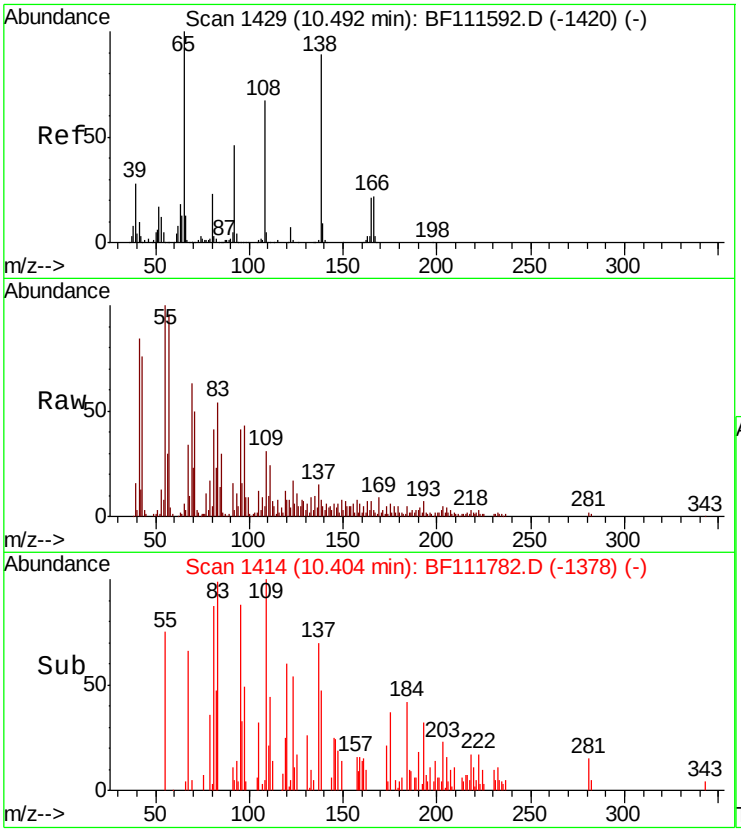


#57
2,4-Dinitrotoluene
Concen: 3.166 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.04 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:165 Resp: 9854

Ion	Ratio	Lower	Upper
165	100		
63	64.9	34.6	52.0#
89	33.3	56.2	84.4#
182	14.6	1.8	2.6#



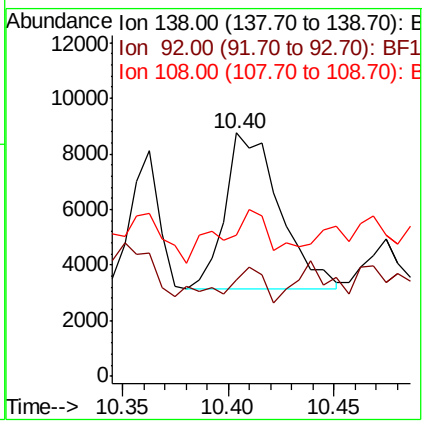


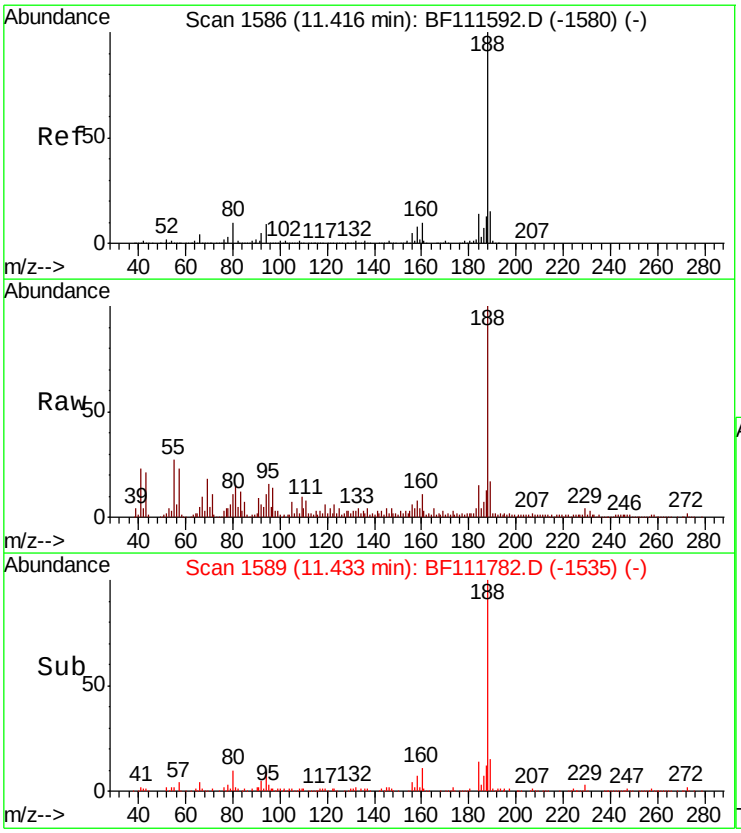
#62
4-Nitroaniline
Concen: 3.730 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:138 Resp: 10011

Ion	Ratio	Lower	Upper
138	100		
92	39.5	29.9	69.9
108	57.8	43.2	83.2

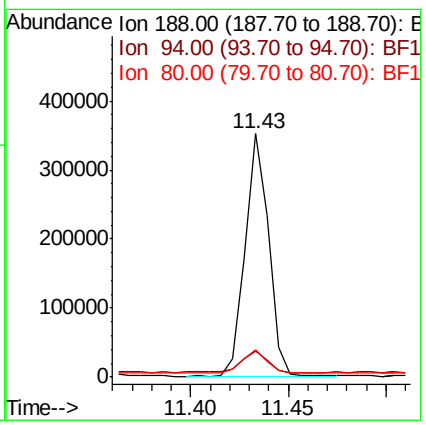


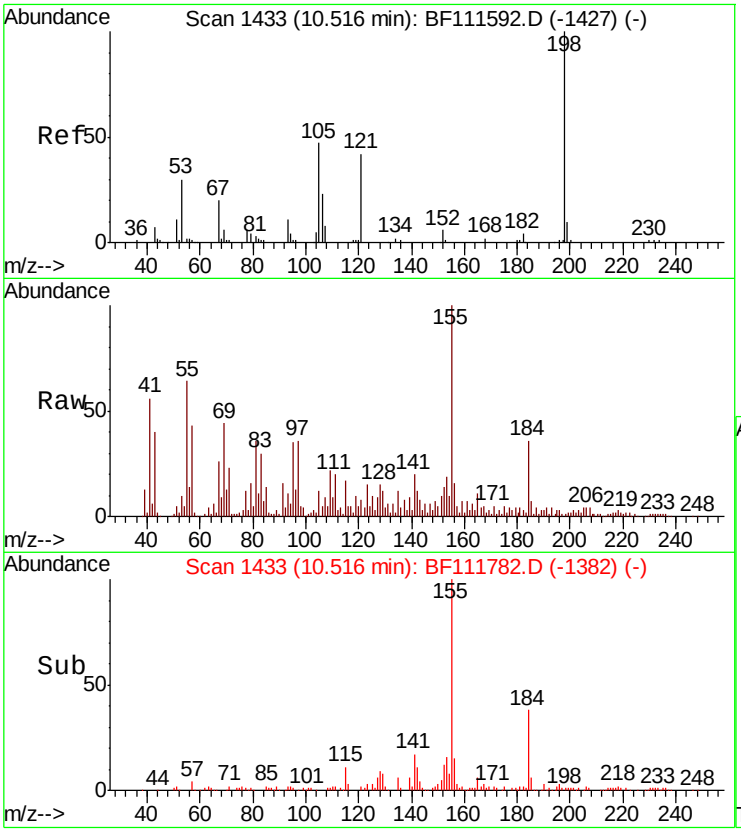


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:188 Resp: 292820

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.6	14.4
80	11.2	9.8	14.6



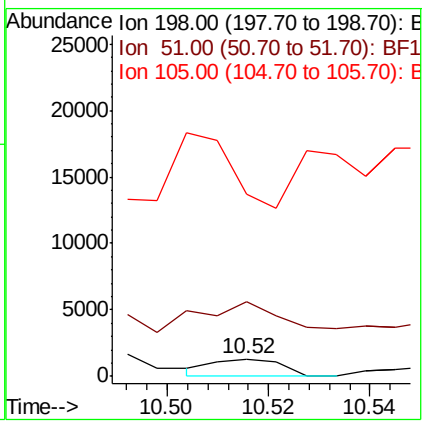


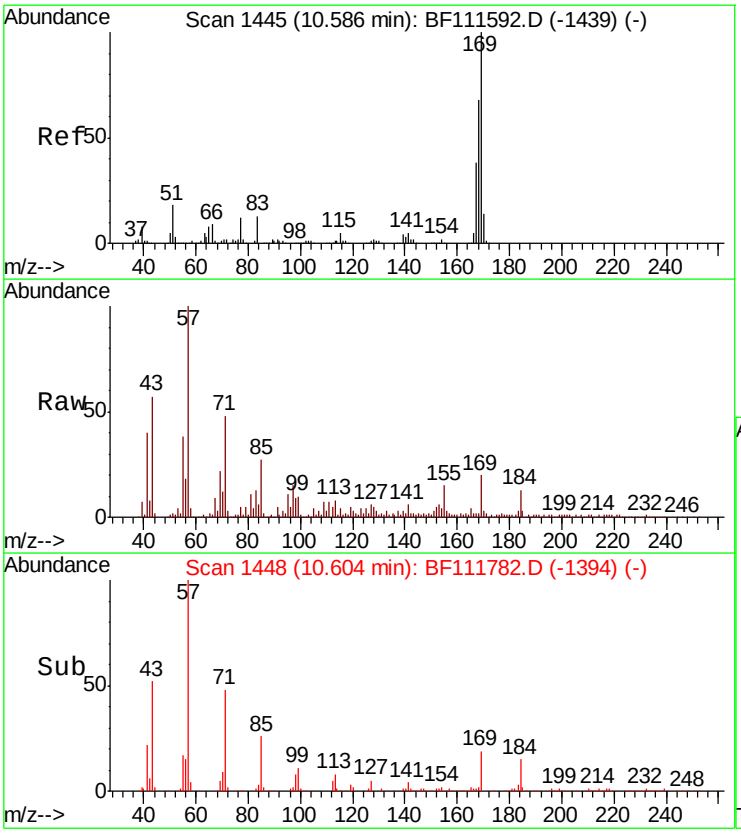
#65
4,6-Dinitro-2-methylphenol
Concen: 7.558 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:198 Resp: 1216

Ion	Ratio	Lower	Upper
198	100		
51	421.7	48.0	88.0#
105	1034.2	34.0	74.0#

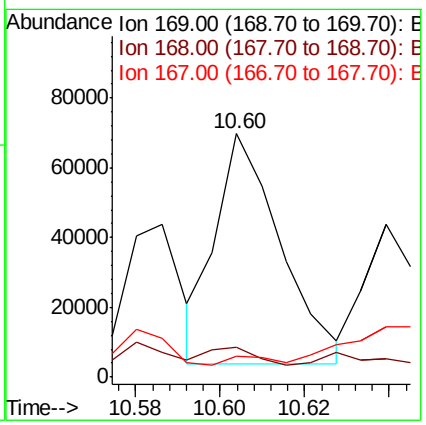


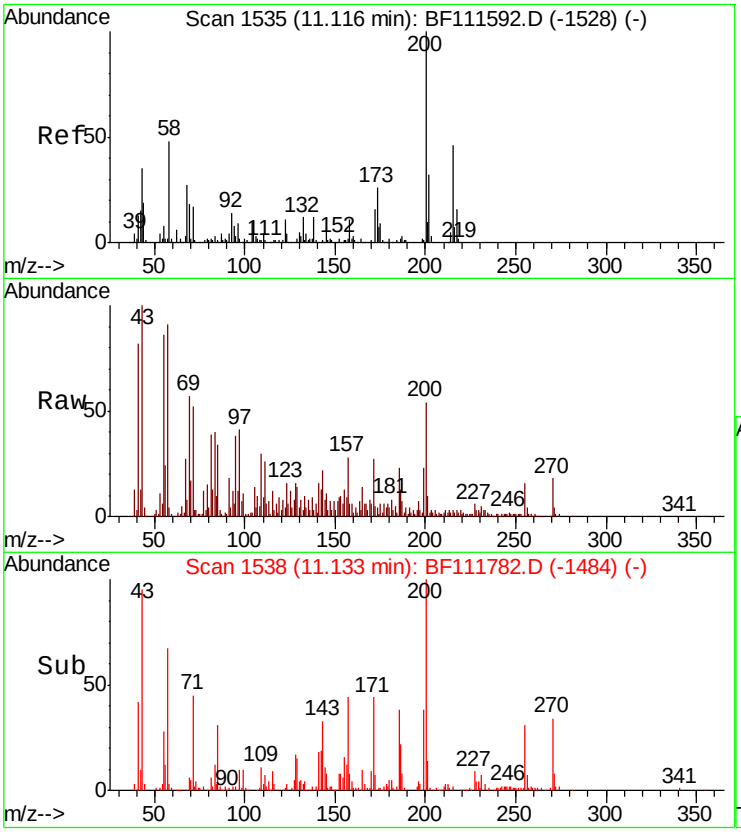


#66
n-Nitrosodiphenylamine
Concen: 7.170 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:169 Resp: 70478

Ion	Ratio	Lower	Upper
169	100		
168	12.3	54.4	81.6#
167	8.6	30.5	45.7#



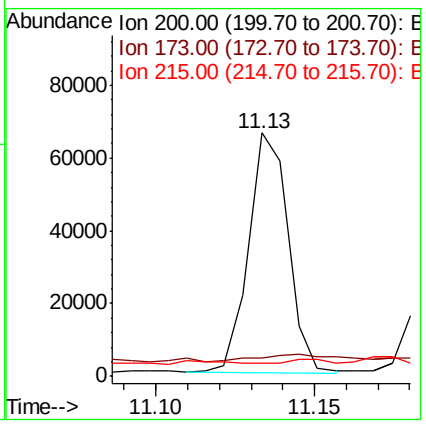


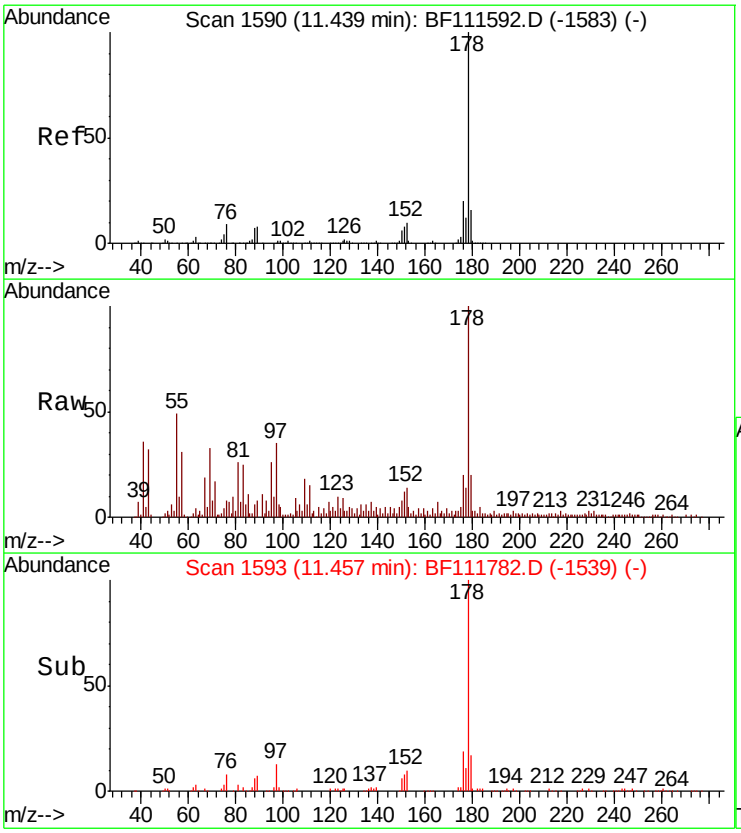
#69
Atrazine
Concen: 16.683 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:200 Resp: 56970

Ion	Ratio	Lower	Upper
200	100		
173	7.6	10.1	50.1#
215	5.3	26.9	66.9#

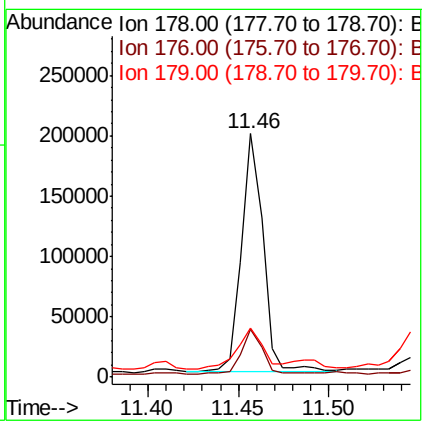


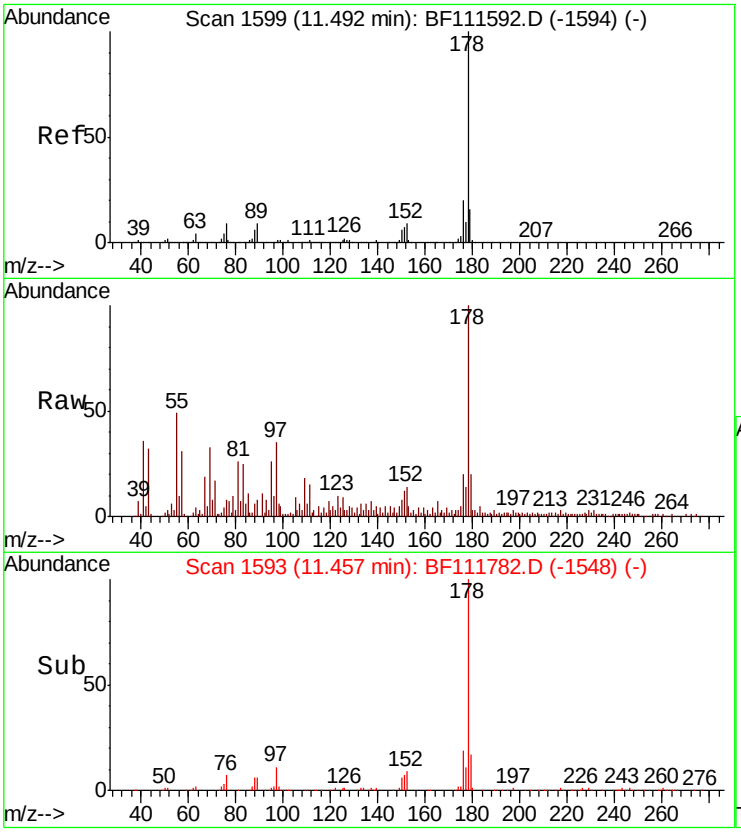


#71
Phenanthrene
Concen: 10.682 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:178 Resp: 165877

Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.1	27.1
179	20.0	14.0	21.0



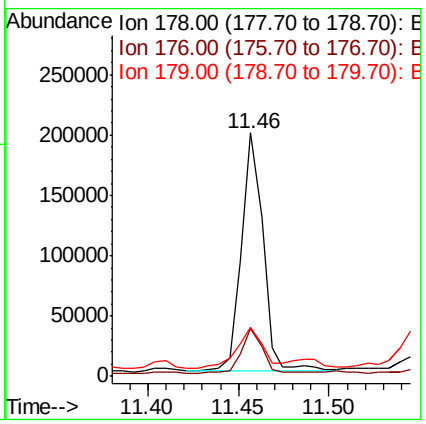


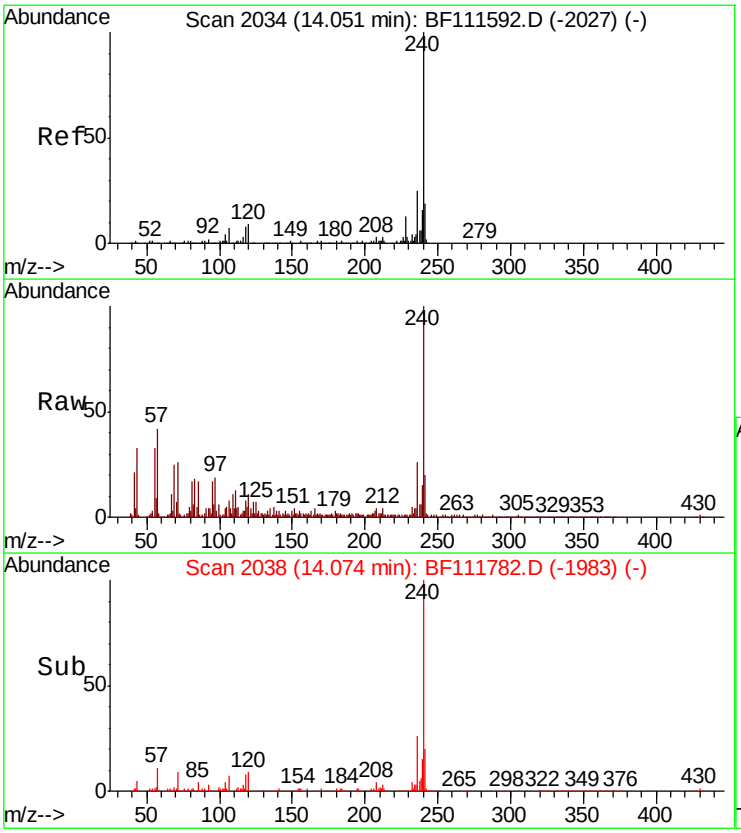
#72
Anthracene
Concen: 10.642 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.04 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:178 Resp: 165877

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	20.0	13.8	20.8

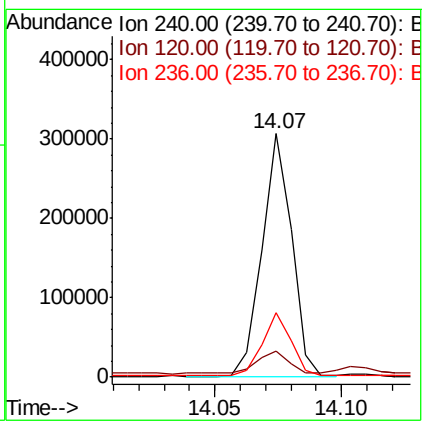


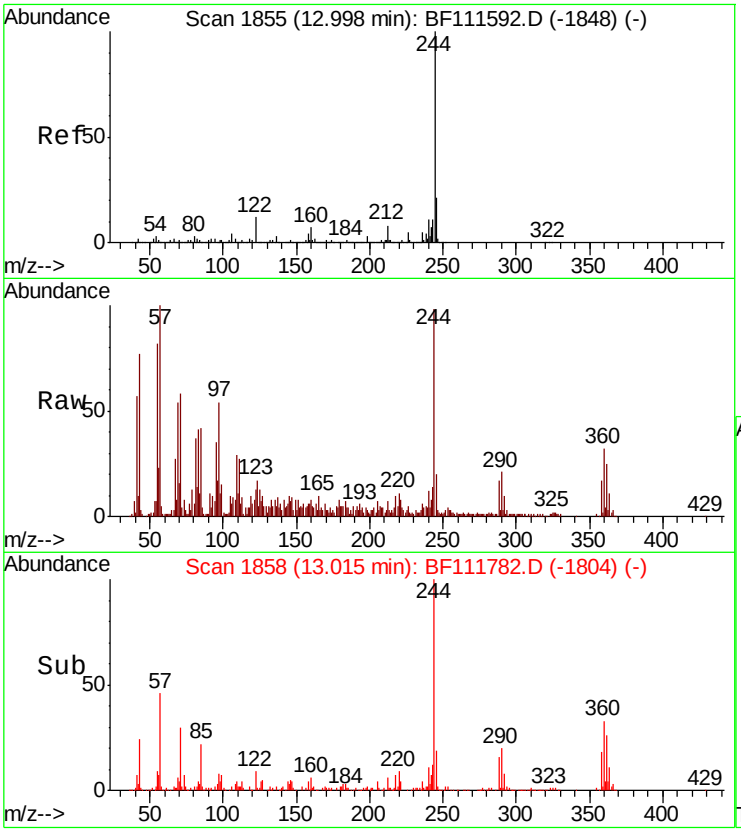


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:240 Resp: 251119

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	26.2	20.2	30.2



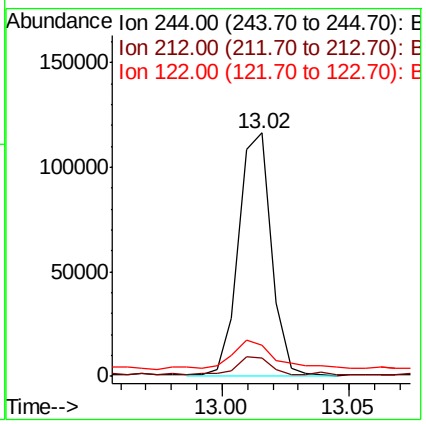


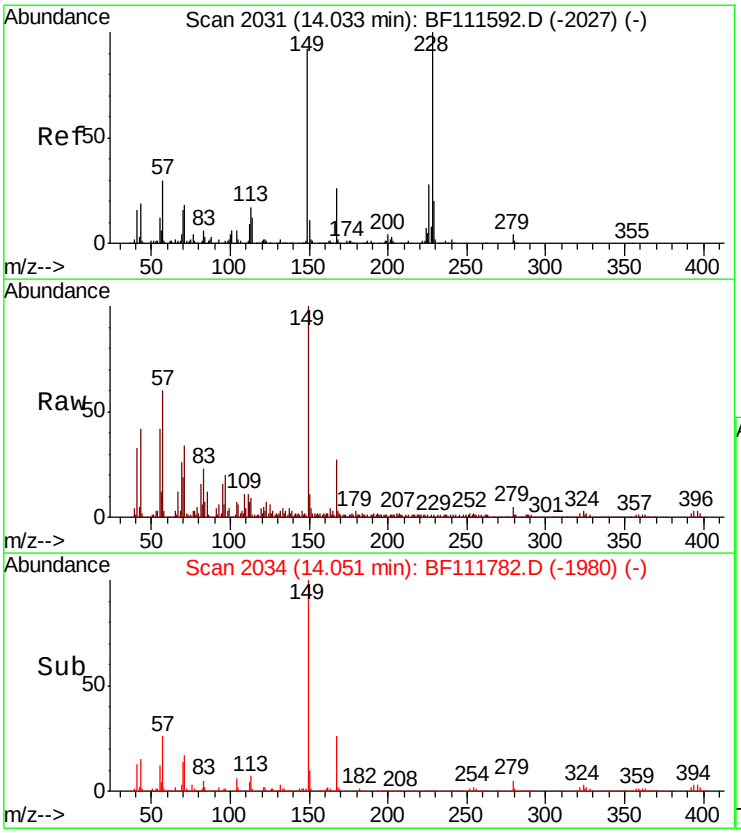
#79
Terphenyl-d14
Concen: 7.837 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:244 Resp: 103776

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.0	13.1	19.7#

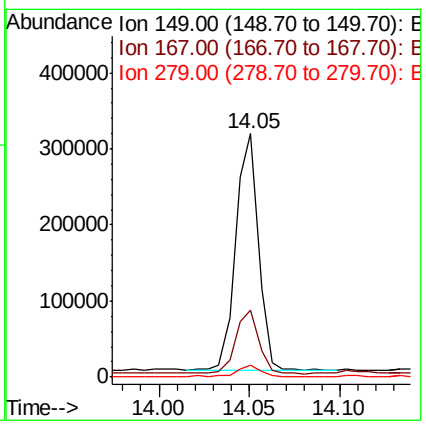


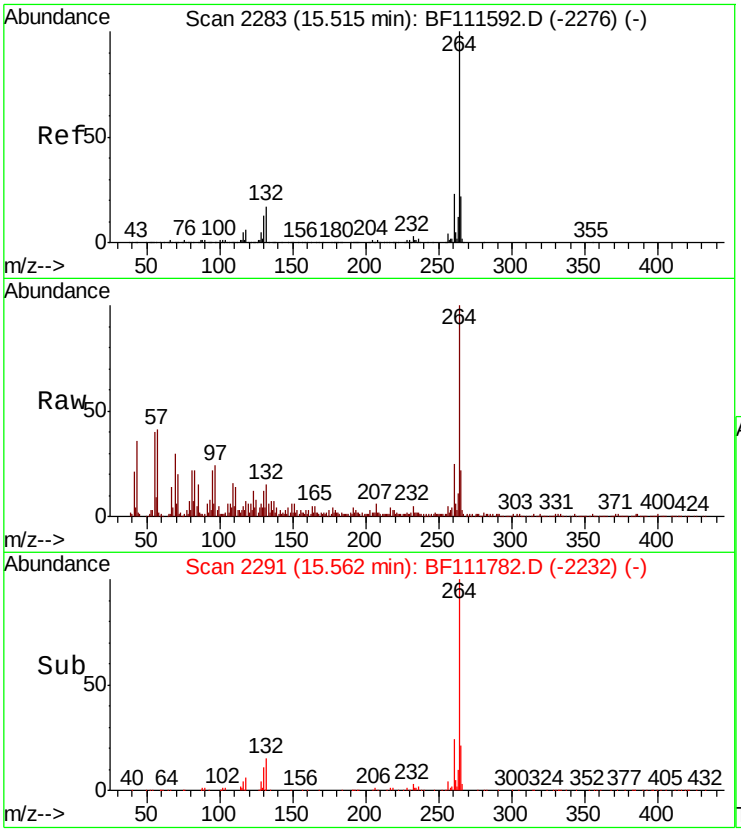


#84
Bis(2-ethylhexyl)phthalate
Concen: 29.551 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion:149 Resp: 269071

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.8	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

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

Tgt Ion:264 Resp: 195113

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.3	27.5
265	21.6	17.7	26.5