Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
Data File : BF110933.D
Acq On : 21 Nov 2018 17:28
Operator : JU/SJ
Sample : J5772-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-112018-B

Quant Time: Nov 21 22:08:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61845	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	247468	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	105471	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	161114	20.00	ng		0.00
76) Chrysene-d12	14.13	240	134992	20.00	ng		0.00
87) Perylene-d12	15.67	264	95280	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	344722	90.54	ng		0.00
7) Phenol-d6	6.57	99	429855	88.29	ng		0.00
23) Nitrobenzene-d5	7.51	82	277204	64.51	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	78226	73.61	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	470841	63.76	ng		0.00
79) Terphenyl-d14	13.06	244	318253	44.15	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	519	Below Cal		#	1
10) Phenol	6.58	94	21833	3.867	ng	#	76
19) n-Nitroso-di-n-propylamine	7.50	70	35652	11.471	ng	#	80
25) Isophorone	7.51	82	277204	39.359	ng	#	67
50) Dimethylphthalate	9.69	163	56067	7.124	ng		99
51) 2,6-Dinitrotoluene	9.98	165	12925	7.466	ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	12925	5.742	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	4935	2.771	ng	#	1
75) Fluoranthene	12.70	202	33334	3.852	ng		98
78) Pyrene	12.93	202	34116	3.282	ng		98
81) Benzo(a)anthracene	14.16	228	21571	2.673	ng		97
83) Chrysene	14.16	228	21571	2.806	ng		99
88) Benzo(b)fluoranthene	15.22	252	31446	5.517	ng	#	82
89) Benzo(k)fluoranthene	15.22	252	31446	5.583	ng	#	81
90) Benzo(a)pyrene	15.60	252	14347	2.770	ng	#	92

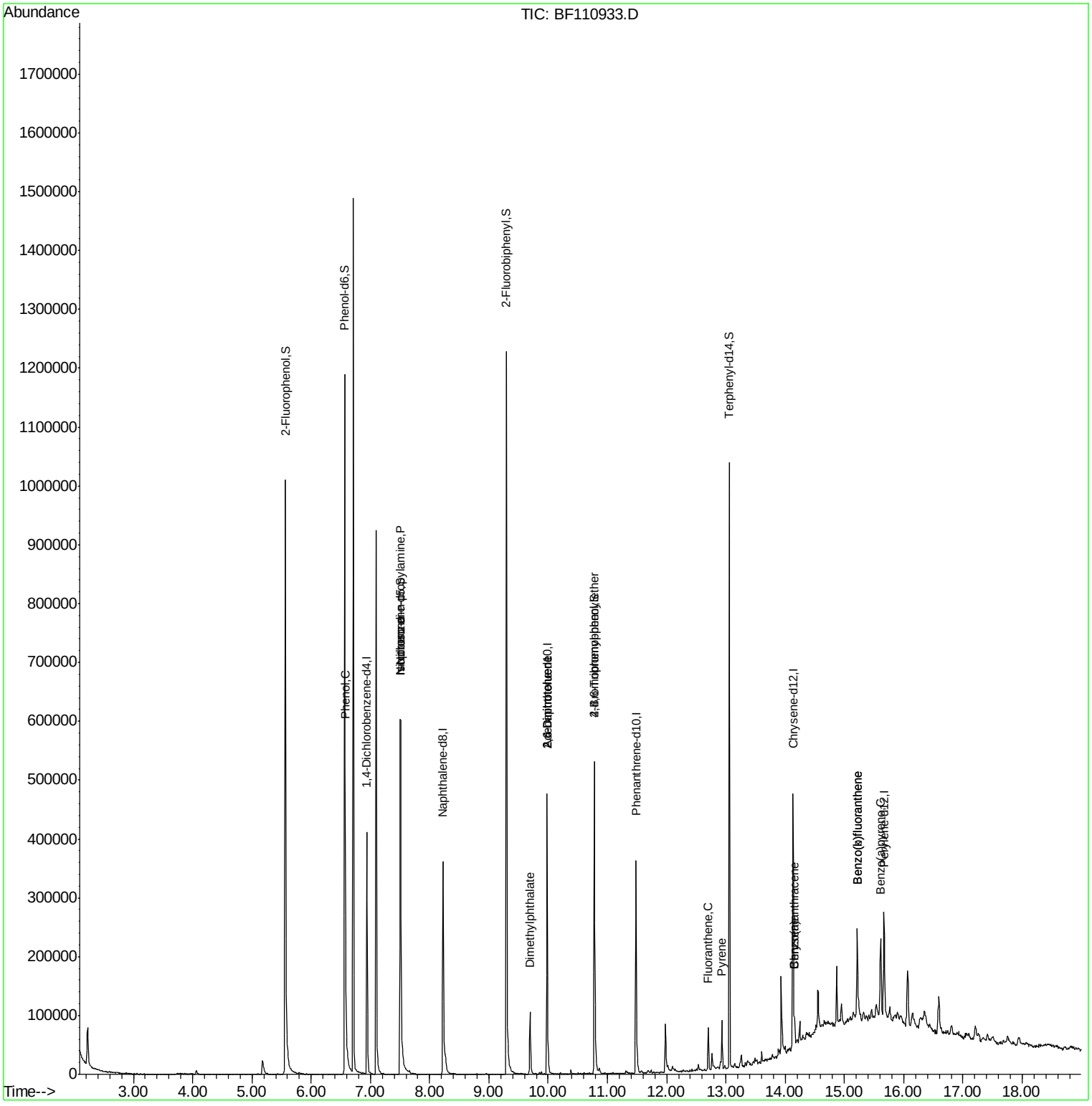
(#) = qualifier out of range (m) = manual integration (+) = signals summed

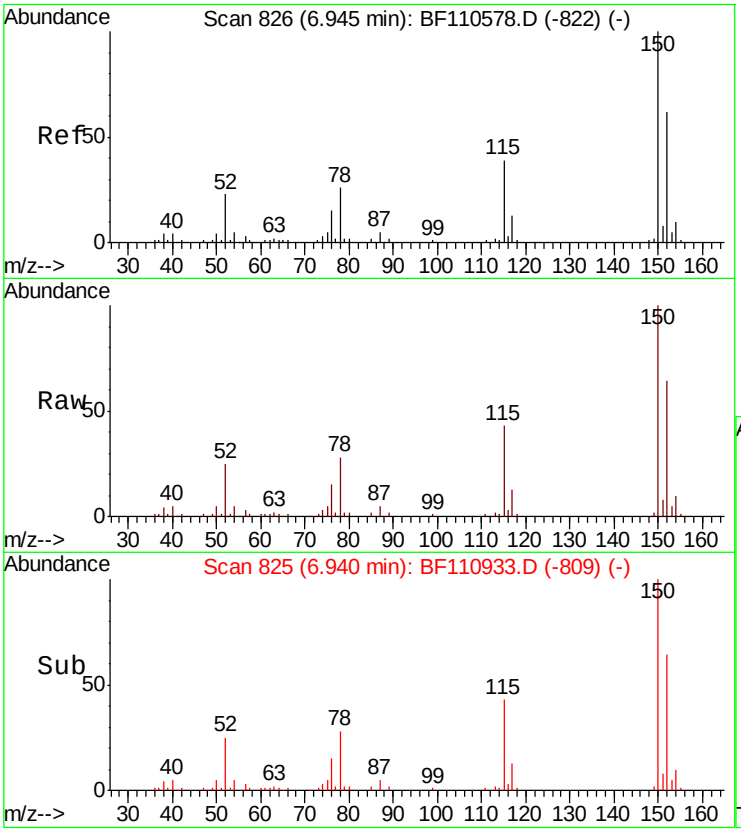
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
Data File : BF110933.D
Acq On : 21 Nov 2018 17:28
Operator : JU/SJ
Sample : J5772-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Quant Time: Nov 21 22:08:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



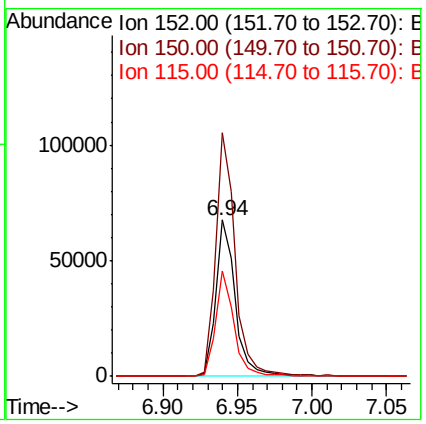


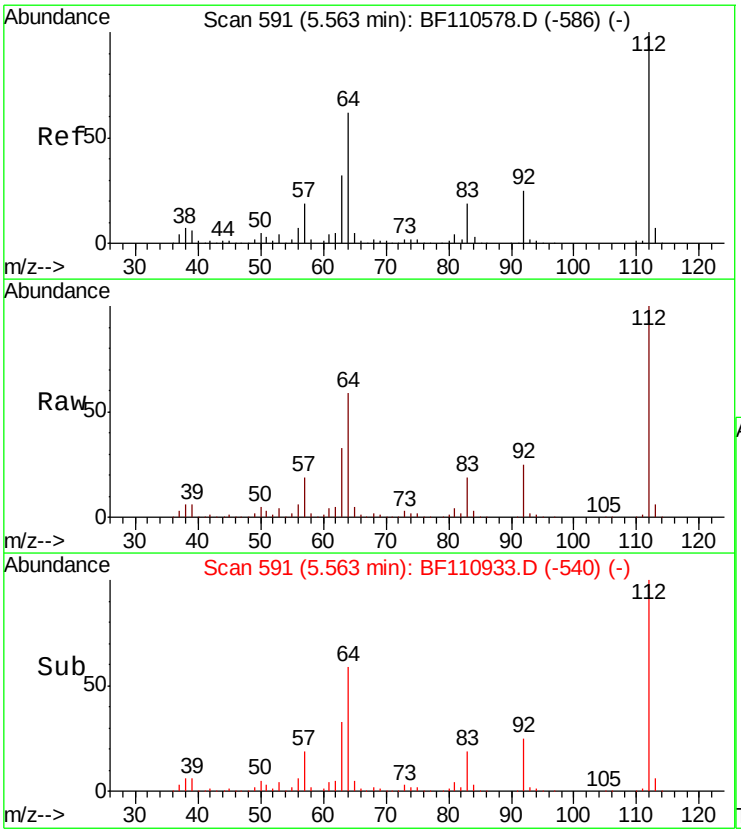
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:152 Resp: 61845

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	67.4	49.1	73.7

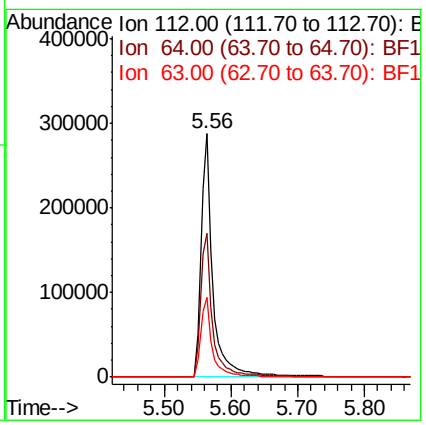


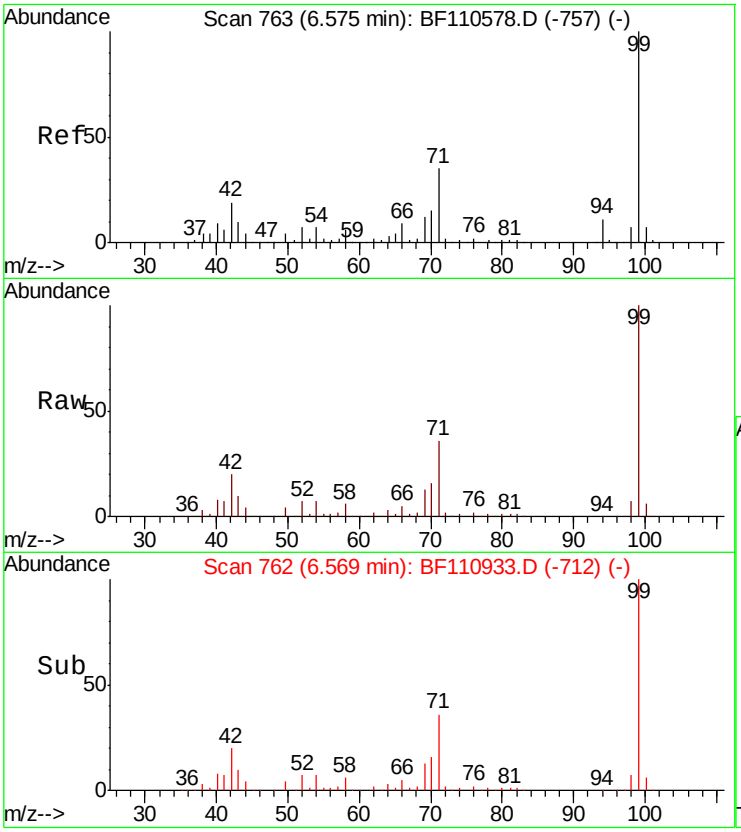


#5
2-Fluorophenol
Concen: 90.539 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:112 Resp: 344722

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	32.7	23.7	35.5



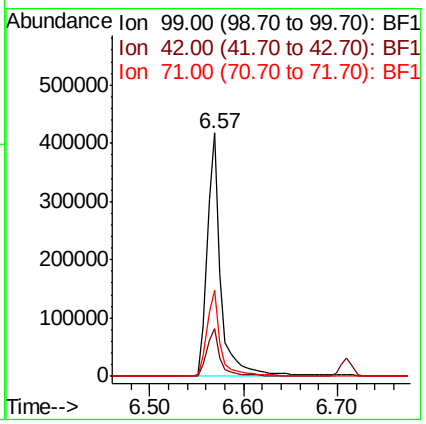


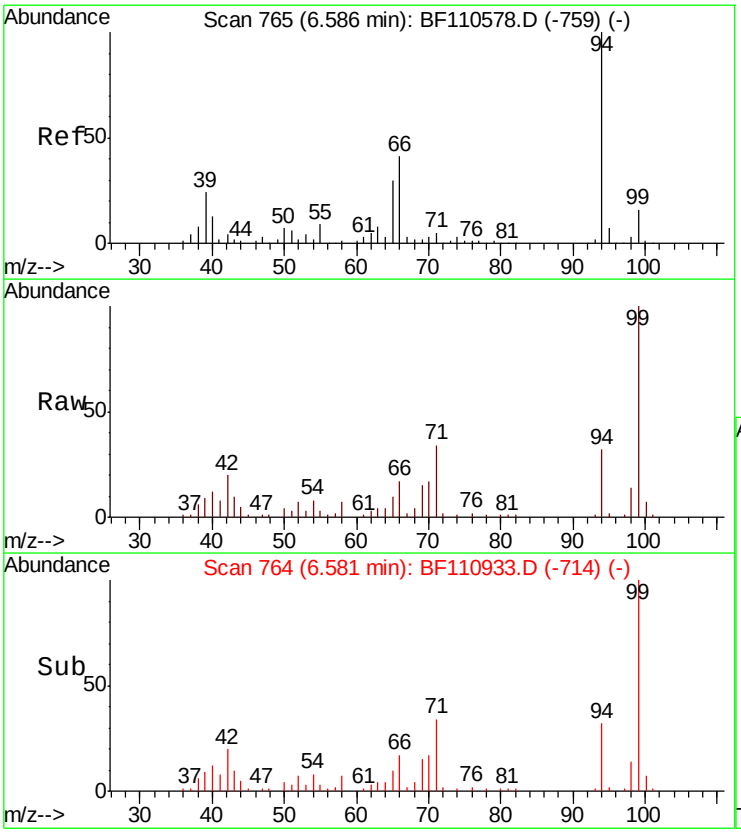
#7
Phenol-d6
Concen: 88.287 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion: 99 Resp: 429855

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.6	28.0	42.0

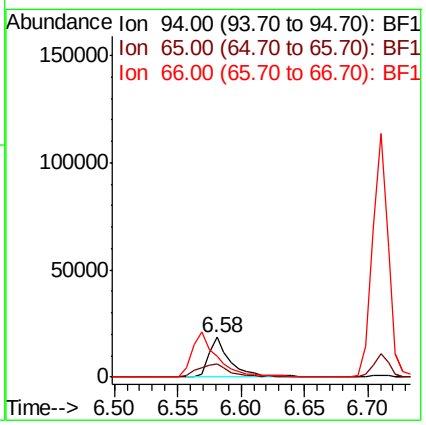


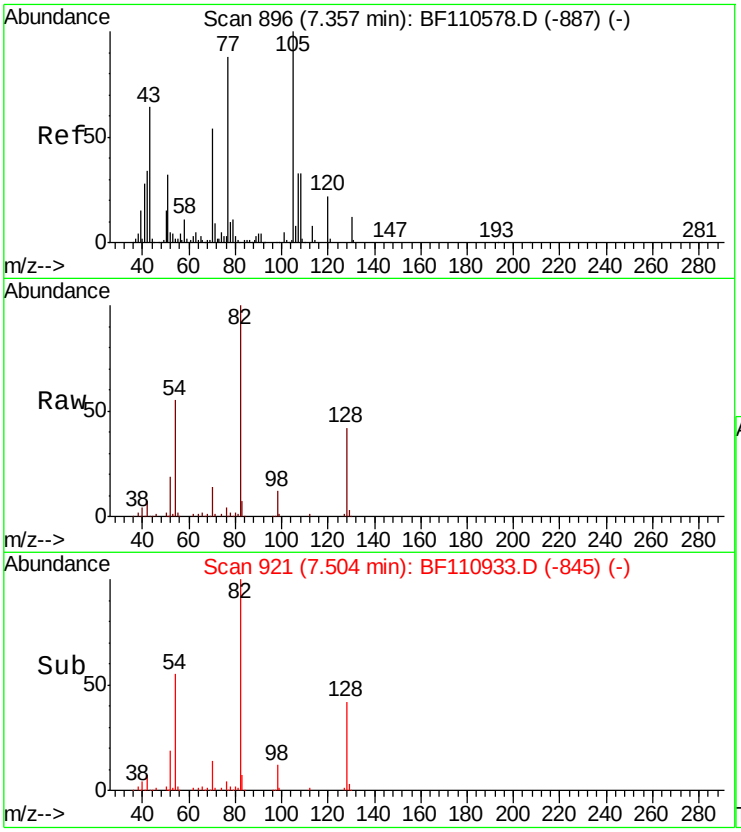


#10
Phenol
Concen: 3.867 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion: 94 Resp: 21833

Ion	Ratio	Lower	Upper
94	100		
65	32.2	25.3	65.3
66	52.5	54.5	94.5#



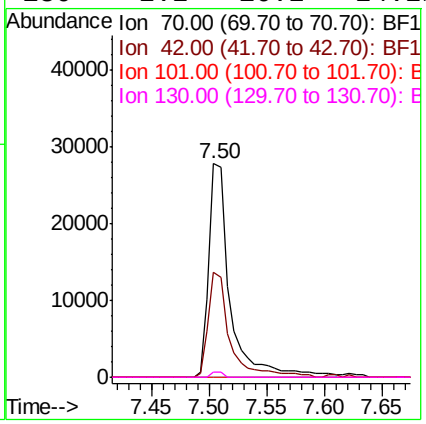


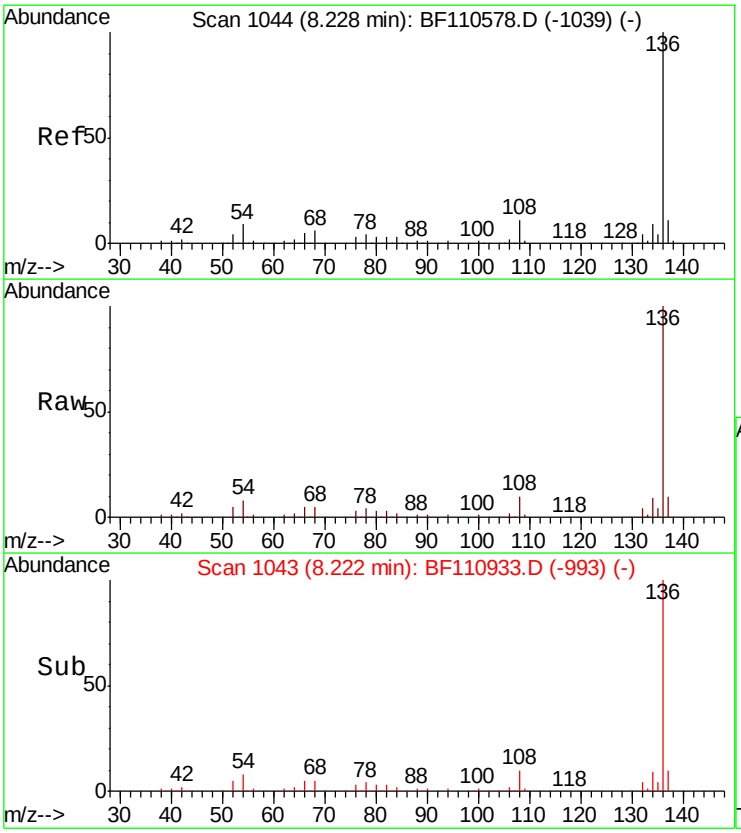
#19
n-Nitroso-di-n-propylamine
Concen: 11.471 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion: 70 Resp: 35652

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

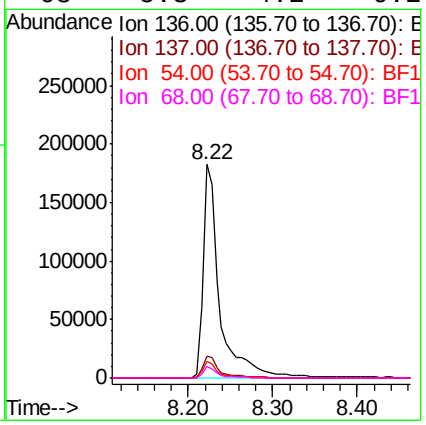


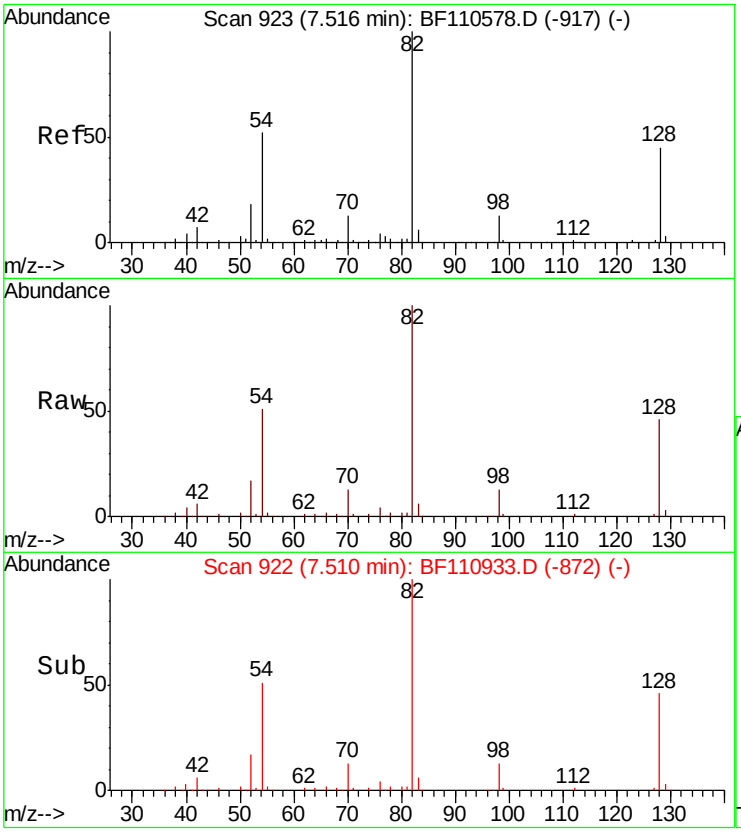


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:136 Resp: 247468

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.9	5.4	8.2
68	5.3	4.2	6.2



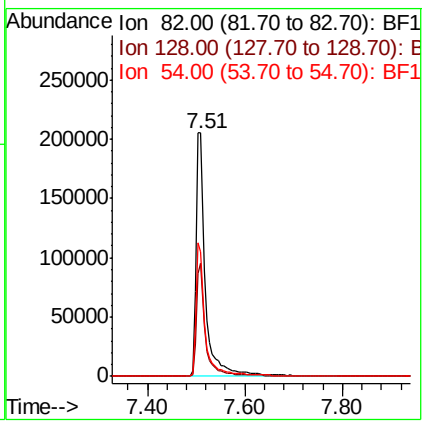


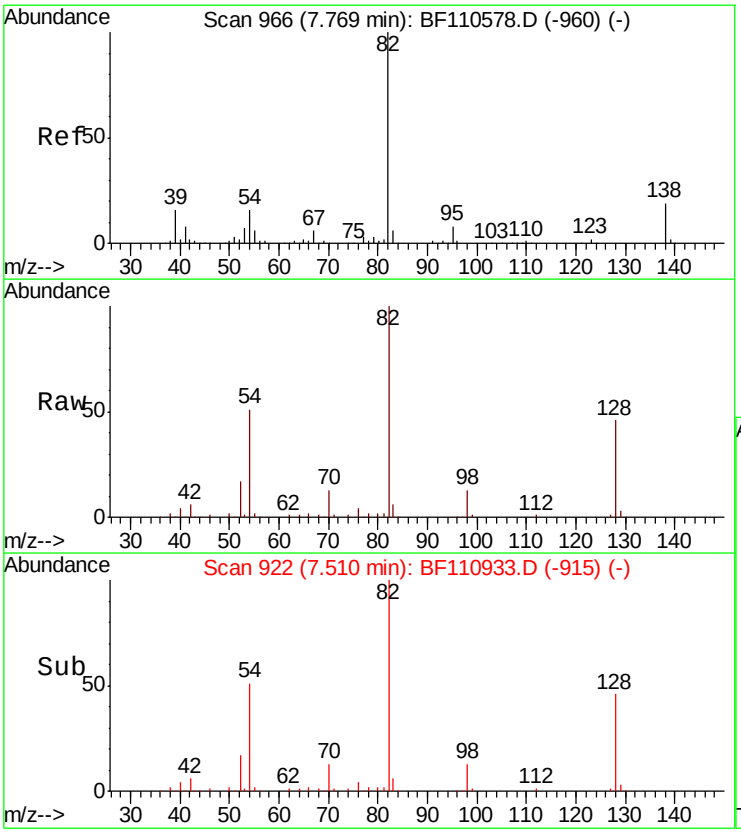
#23
Nitrobenzene-d5
Concen: 64.510 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion: 82 Resp: 277204

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	51.2	38.6	58.0

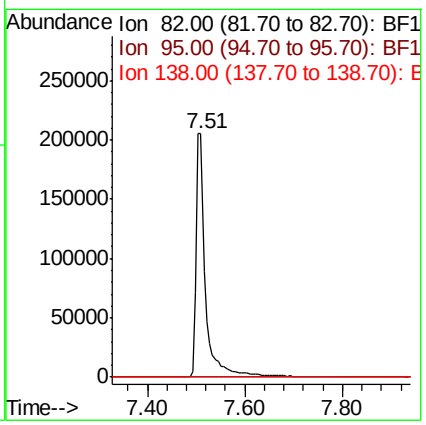


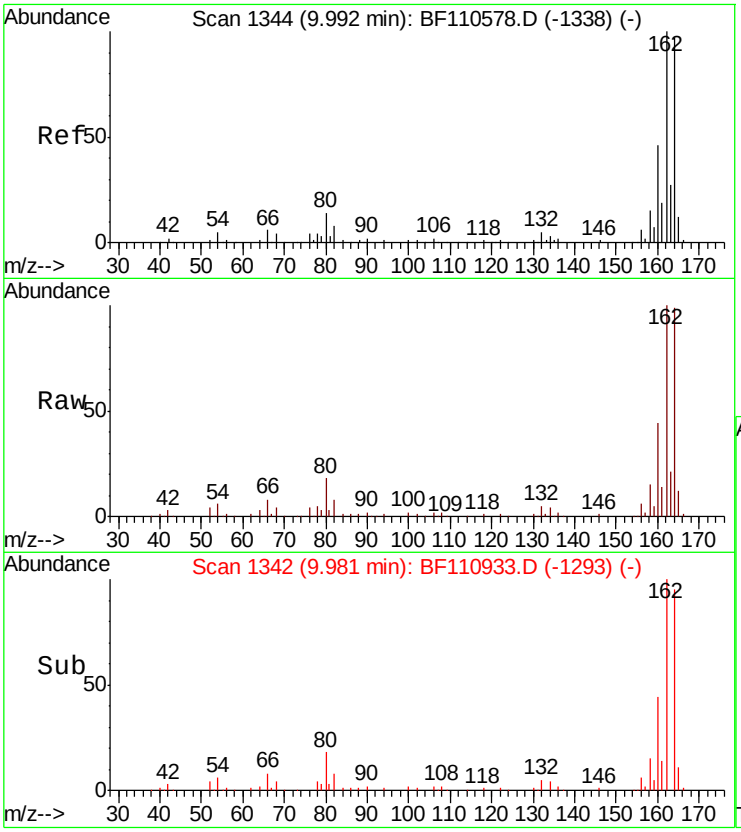


#25
Isophorone
Concen: 39.359 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion: 82 Resp: 277204

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



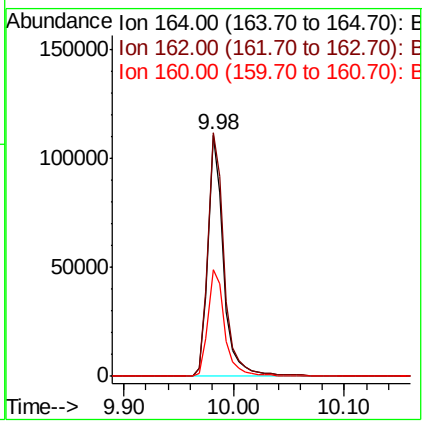


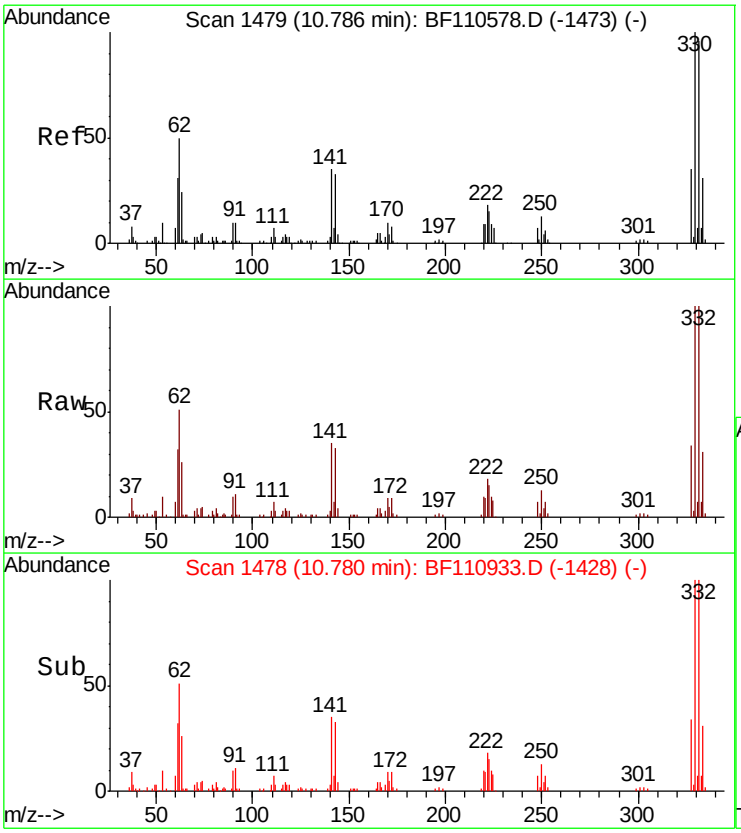
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:164 Resp: 105471

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	44.1	37.0	55.6

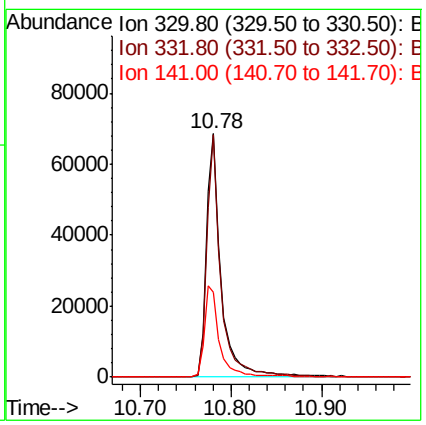


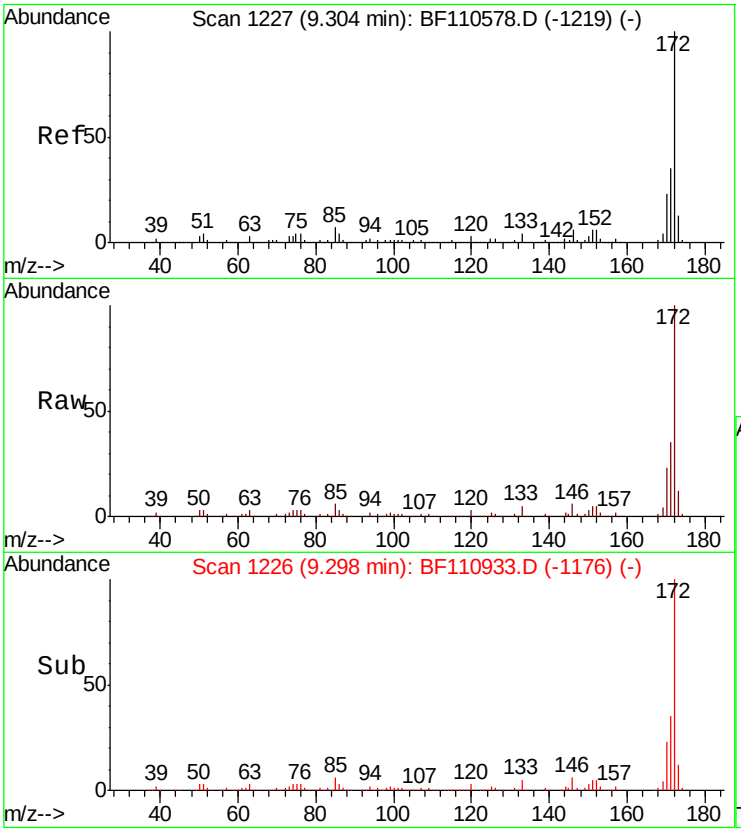


#42
2,4,6-Tribromophenol
Concen: 73.607 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:330 Resp: 78226

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	38.9	27.0	40.4



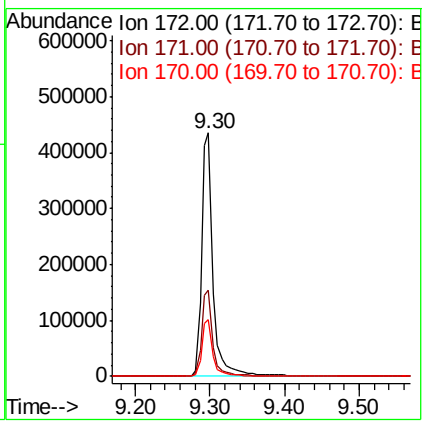


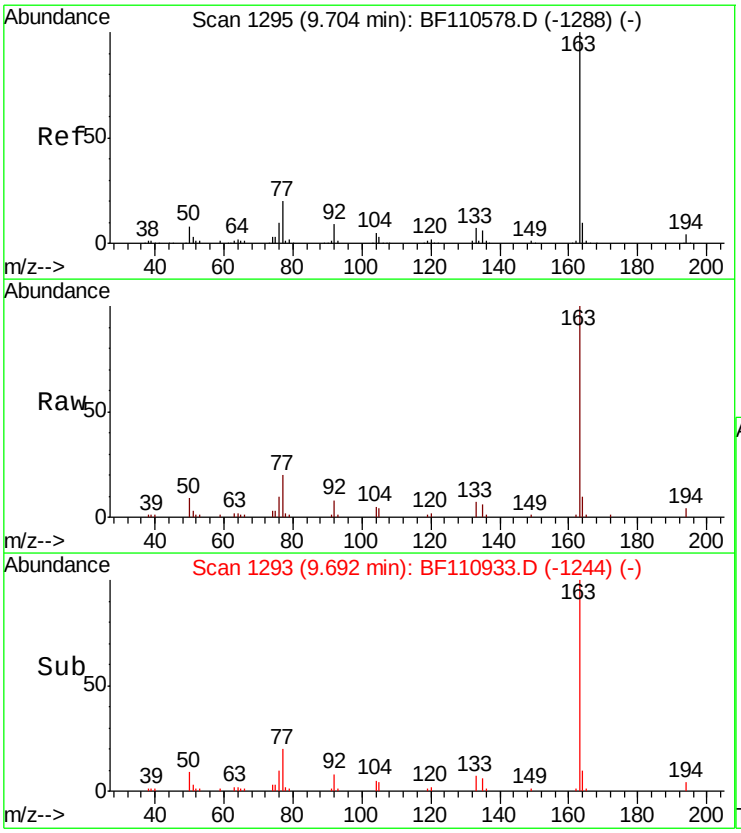
#45
2-Fluorobiphenyl
Concen: 63.757 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:172 Resp: 470841

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.1	19.7	29.5

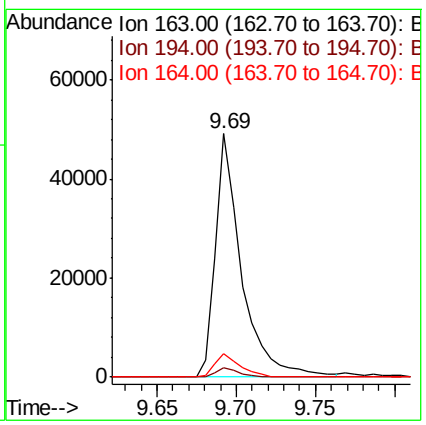


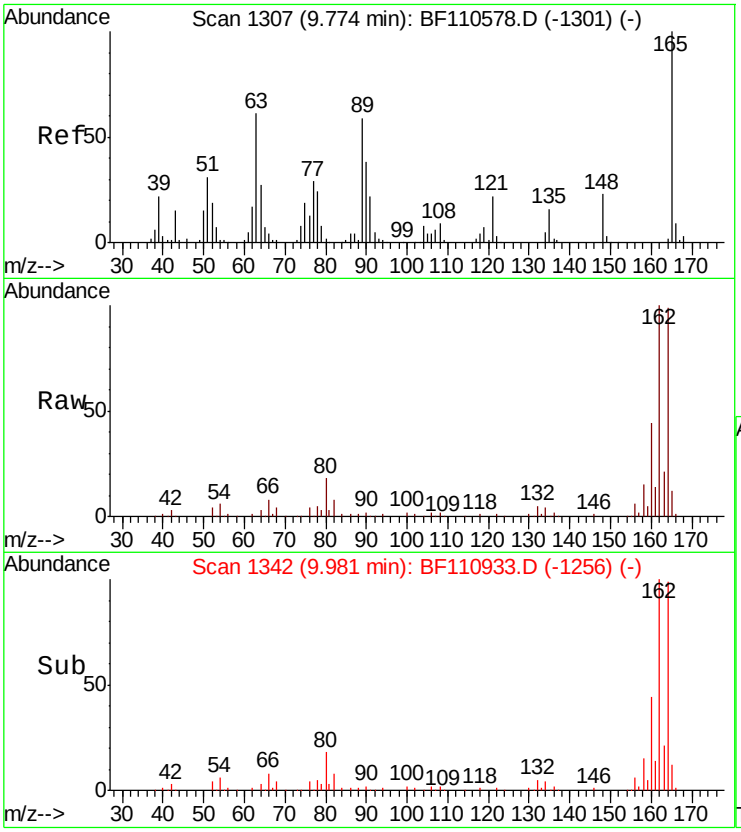


#50
Dimethylphthalate
Concen: 7.124 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:163 Resp: 56067

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1



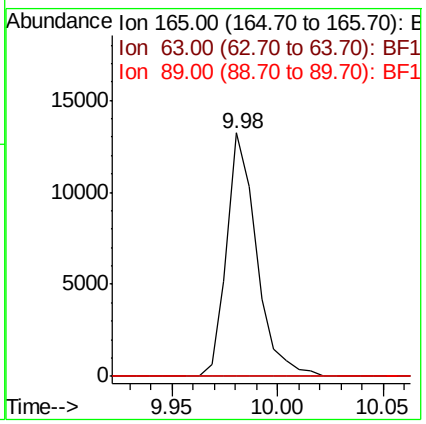


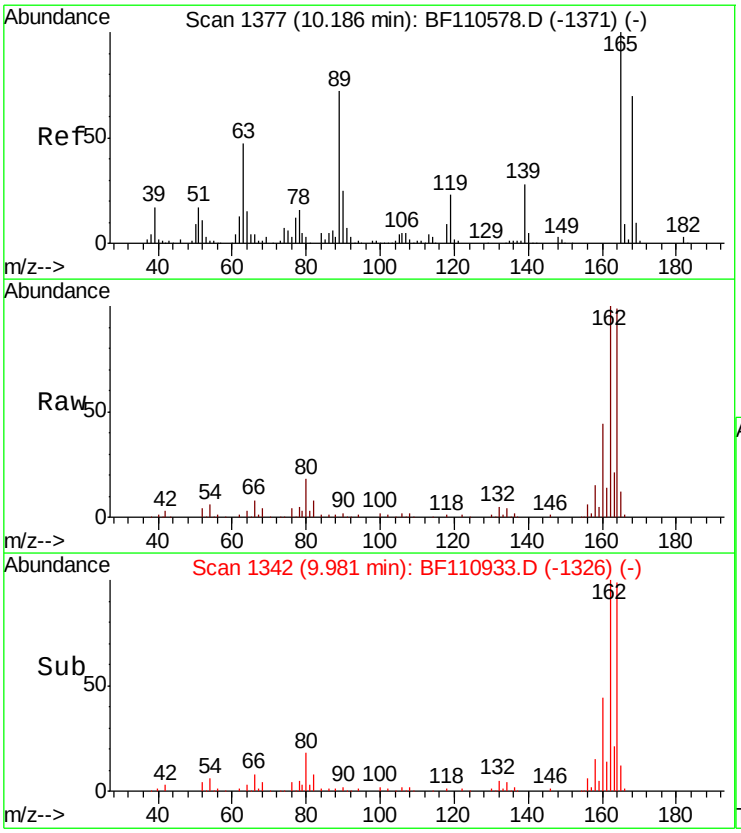
#51
2,6-Dinitrotoluene
Concen: 7.466 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:165 Resp: 12925

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

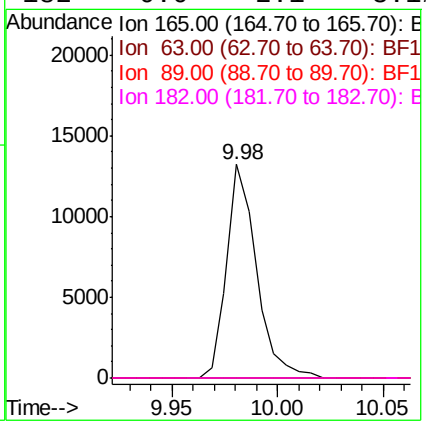


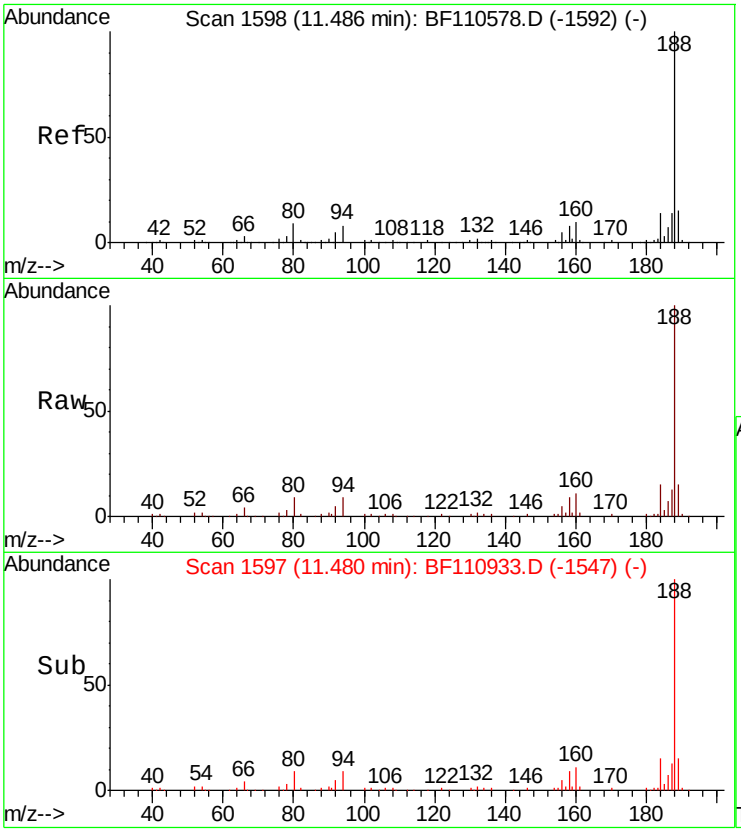


#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:165 Resp: 12925

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



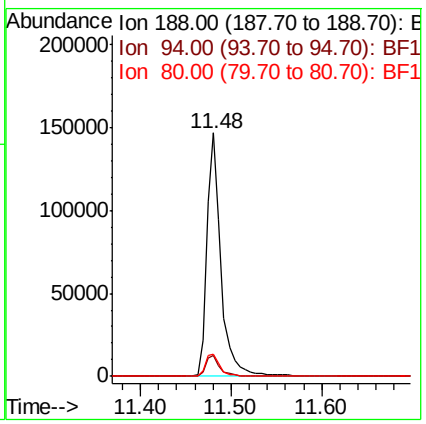


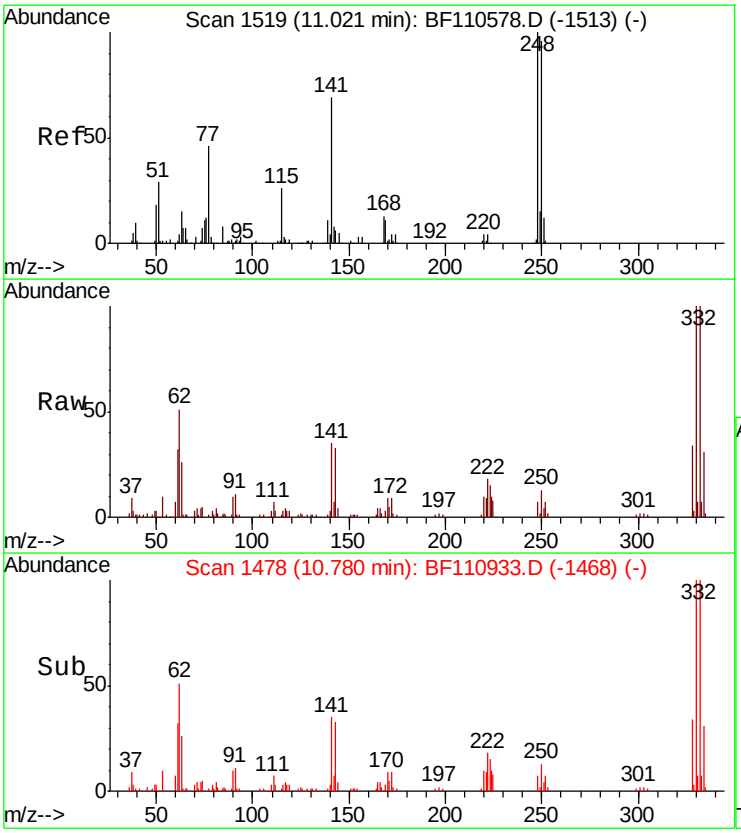
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:188 Resp: 161114

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.0	7.9	11.9

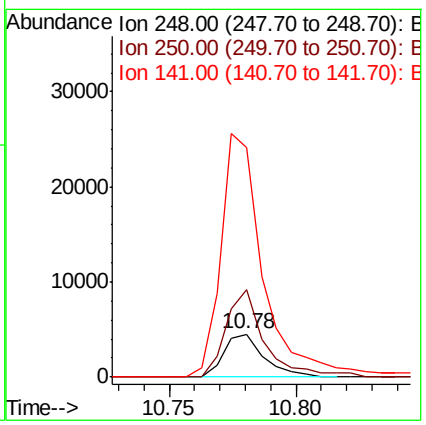


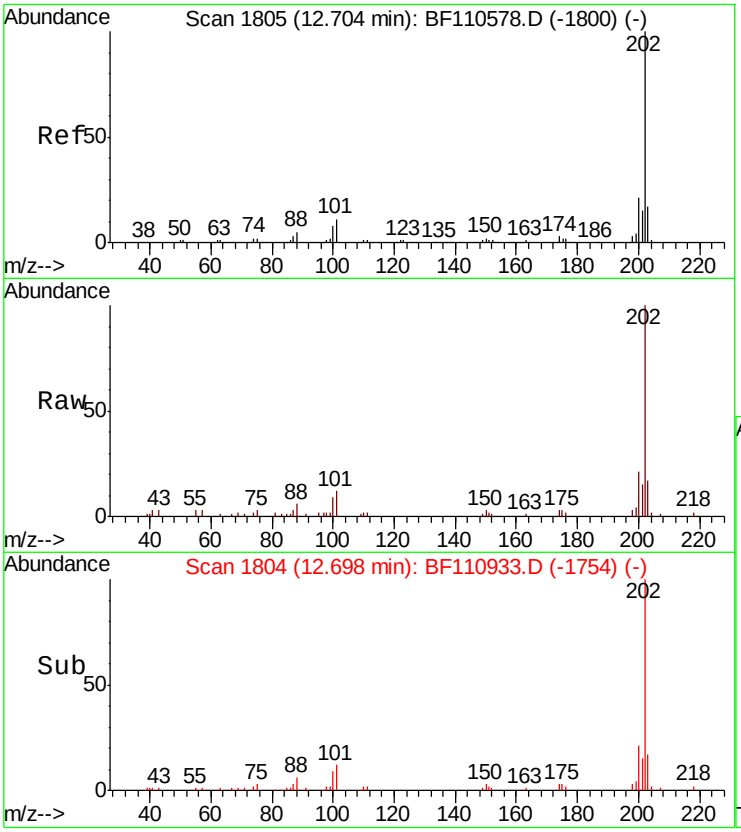


#67
4-Bromophenyl-phenylether
Concen: 2.771 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:248 Resp: 4935

Ion	Ratio	Lower	Upper
248	100		
250	202.5	79.4	119.2#
141	533.7	55.9	83.9#



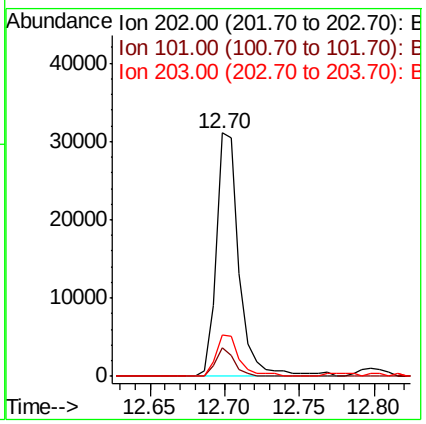


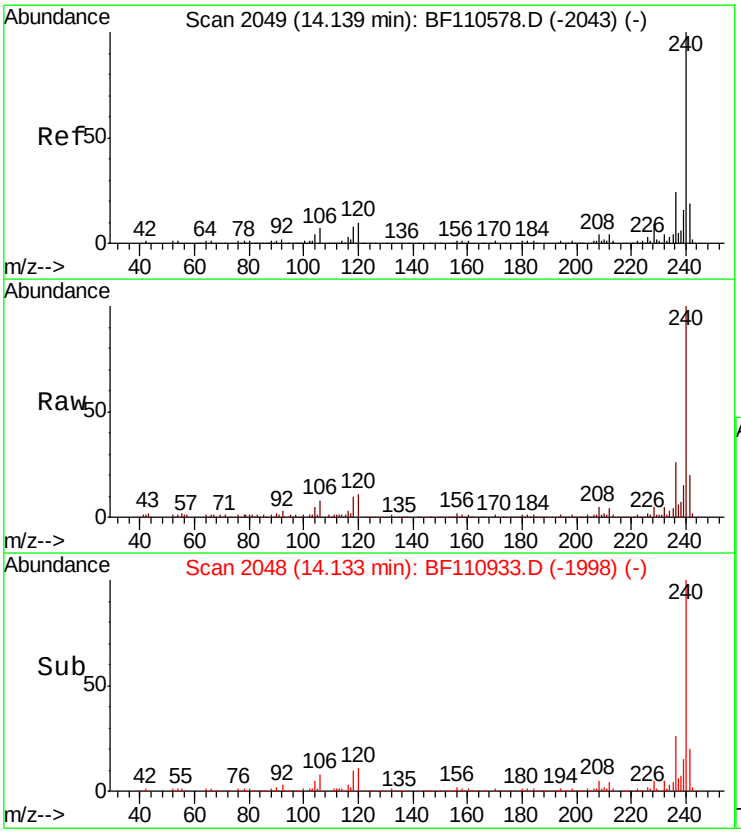
#75
Fluoranthene
Concen: 3.852 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:202 Resp: 33334

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	16.9	0.0	37.7

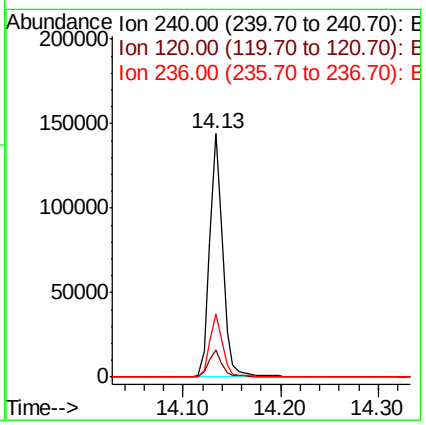


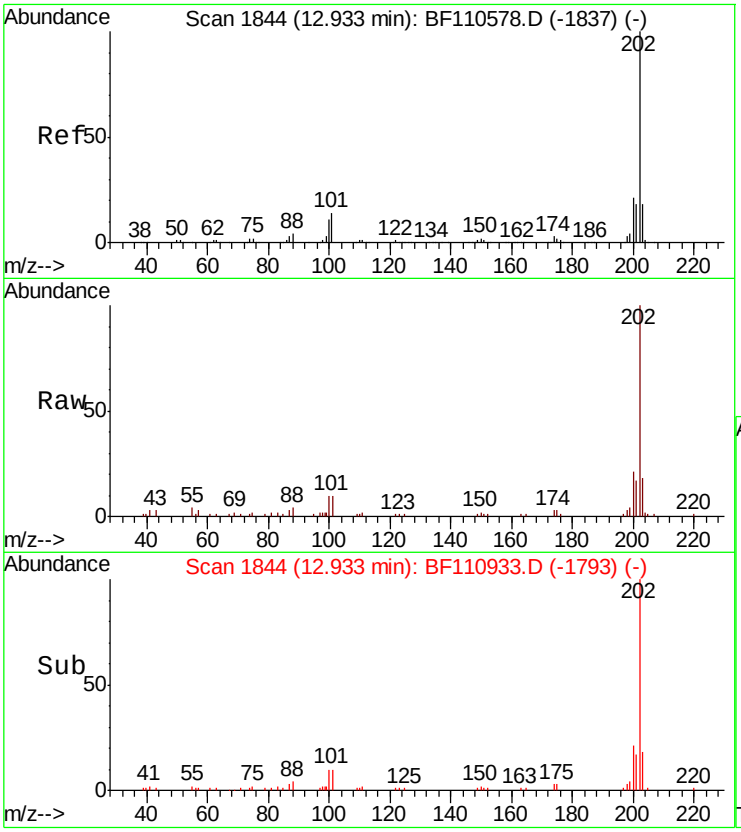


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:240 Resp: 134992

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.0	21.2	31.8



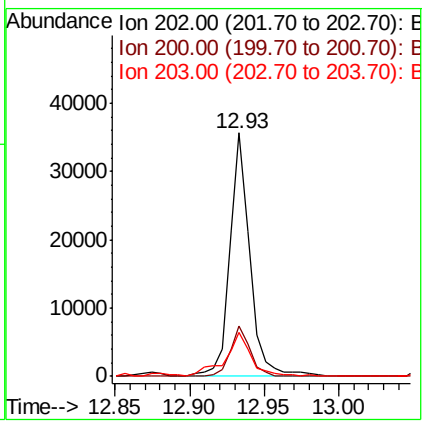


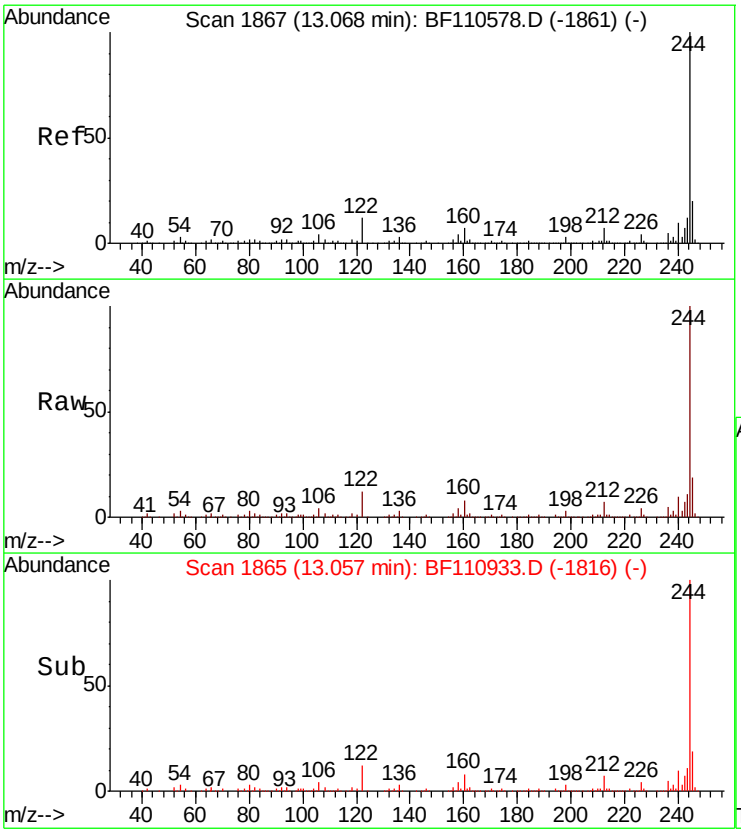
#78
Pyrene
Concen: 3.282 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:202 Resp: 34116

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.0	14.2	21.4

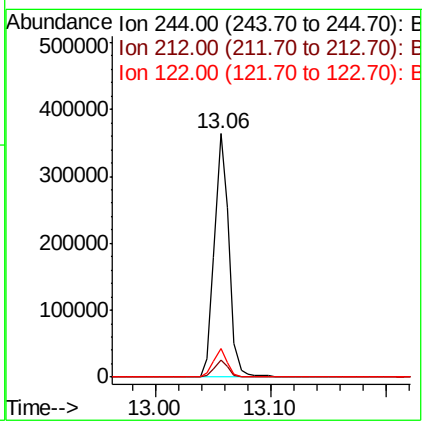


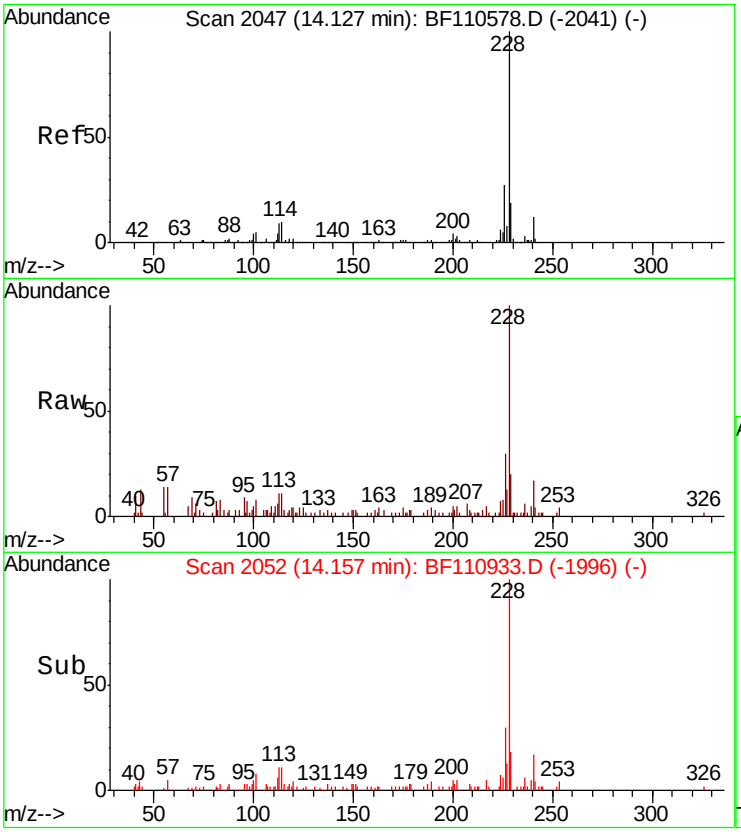


#79
Terphenyl-d14
Concen: 44.152 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:244 Resp: 318253

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.8	8.7	13.1



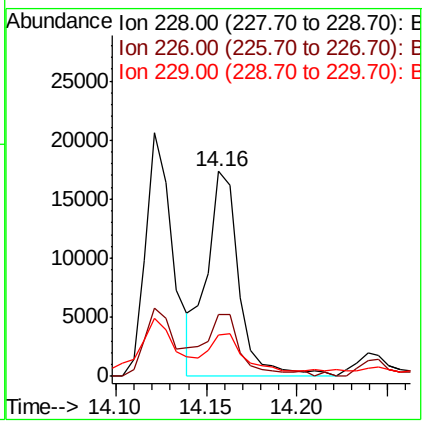


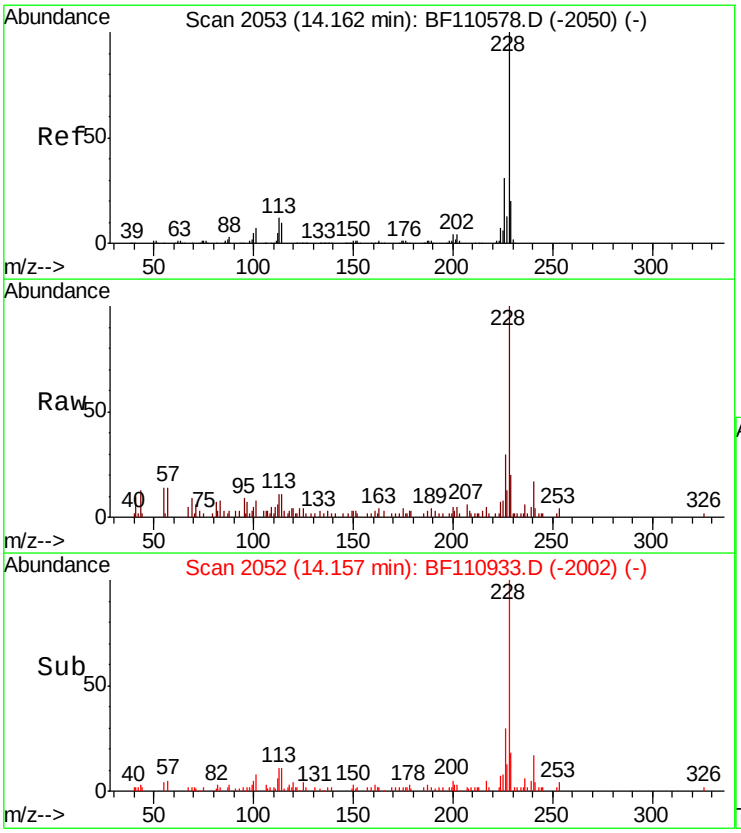
#81
Benzo(a)anthracene
Concen: 2.673 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:228 Resp: 21571

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	20.0	15.6	23.4

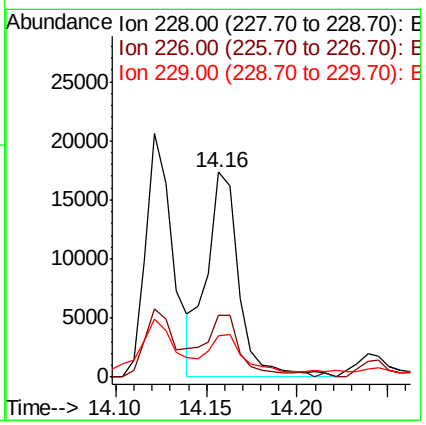


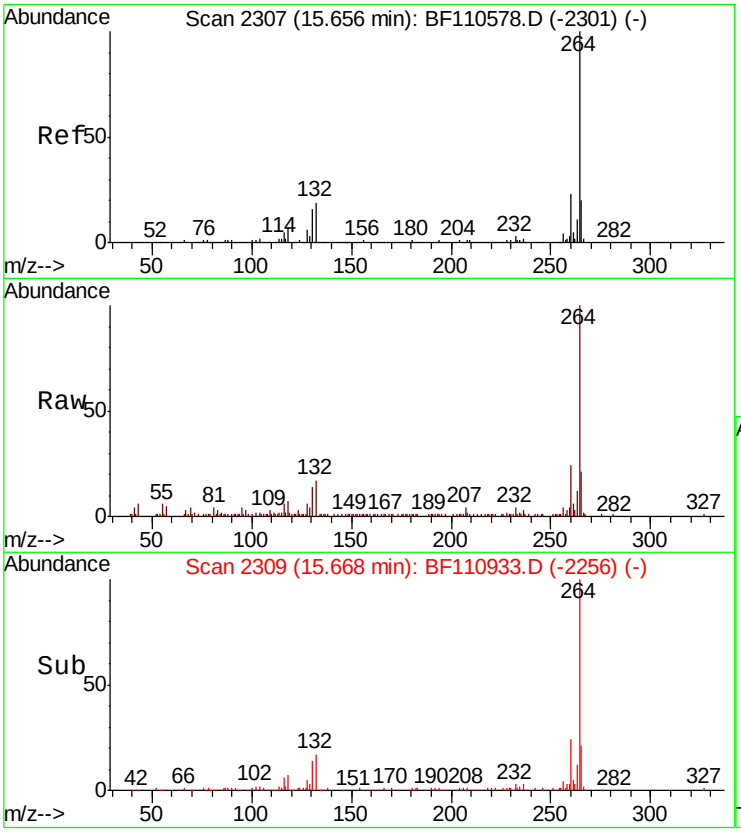


#83
Chrysene
Concen: 2.806 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:228 Resp: 21571

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	20.0	15.9	23.9



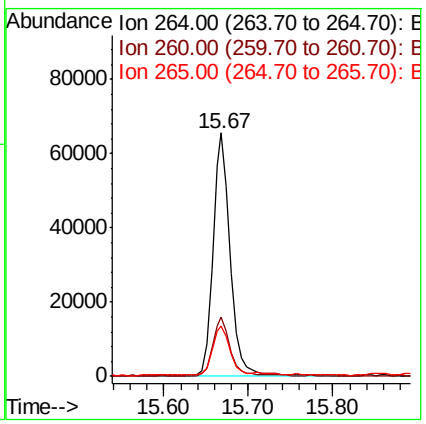


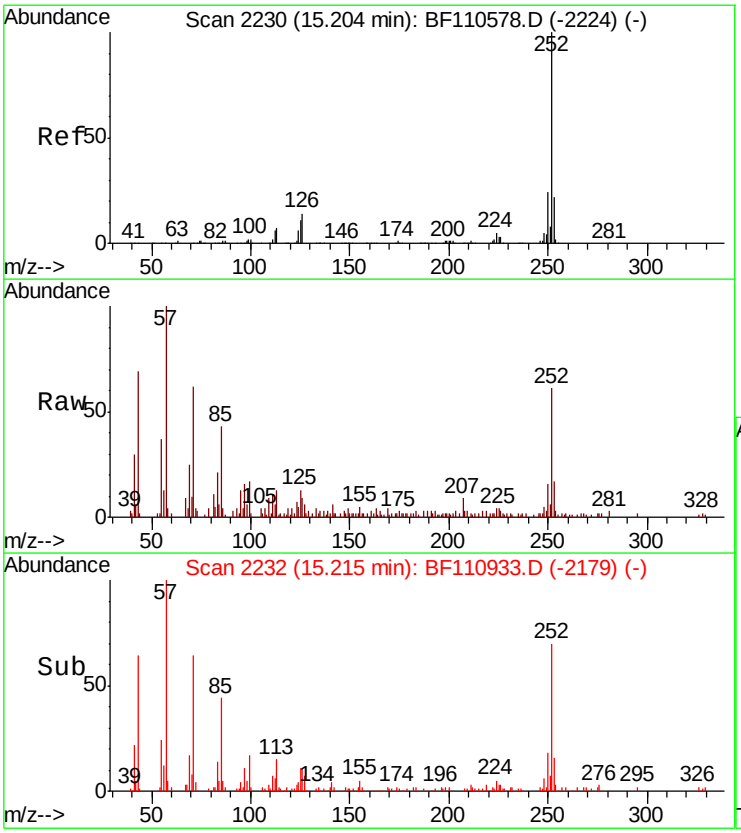
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:264 Resp: 95280

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	20.9	16.7	25.1

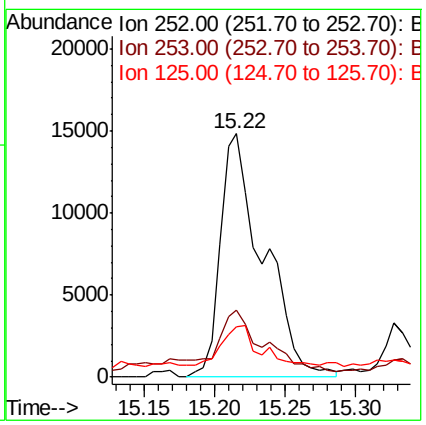


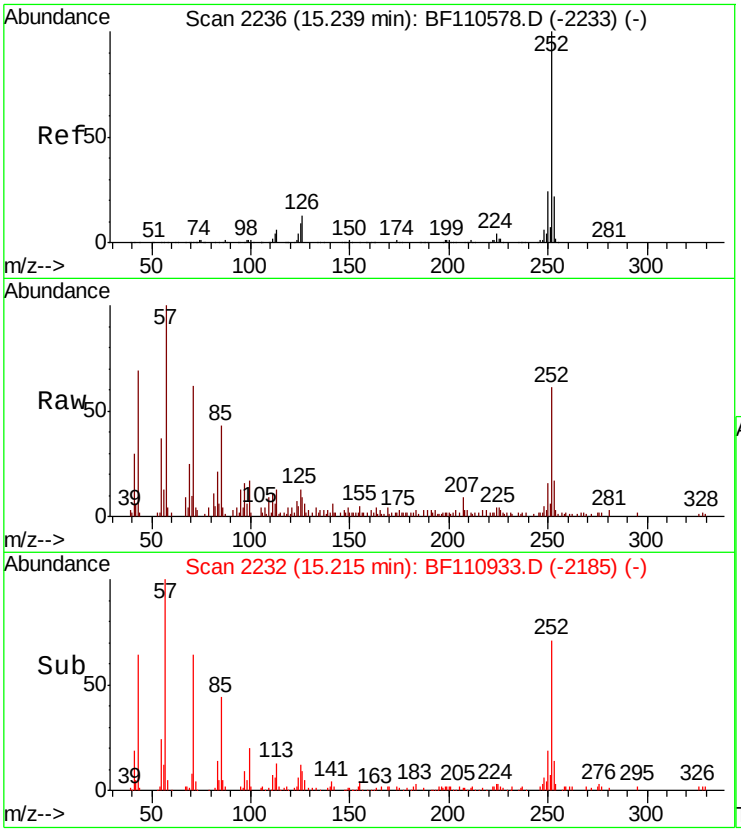


#88
Benzo(b)fluoranthene
Concen: 5.517 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:252 Resp: 31446

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	20.8	8.2	12.4#



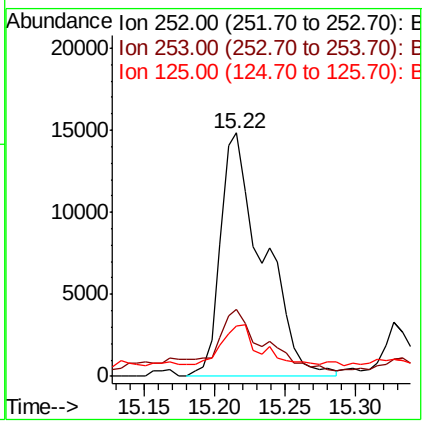


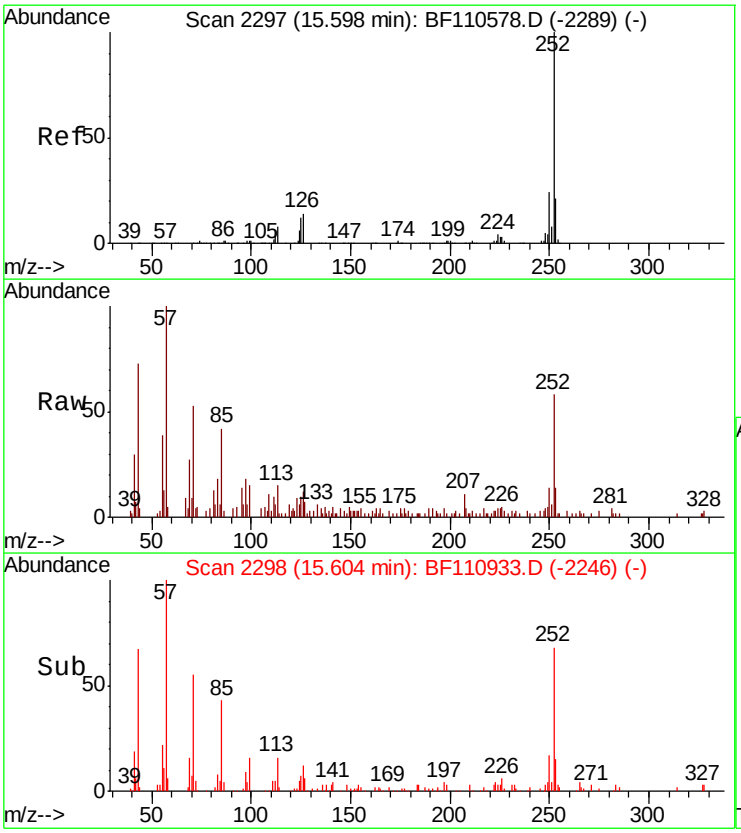
#89
Benzo(k)fluoranthene
Concen: 5.583 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tgt Ion:252 Resp: 31446

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	20.8	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.770 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:252 Resp: 14347

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	17.8	9.0	13.6#