Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117868.D
Acq On : 19 Nov 2019 19:14
Operator : JU
Sample : K5904-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	212052	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	871390	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	441799	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	767384	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	488841	20.00	ng		-0.01
87) Perylene-d12	15.61	264	520914	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	208750	17.43	ng		-0.01
7) Phenol-d6	6.53	99	1031146	71.36	ng		-0.01
23) Nitrobenzene-d5	7.47	82	864056	58.95	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	19940	4.26	ng		-0.02
45) 2-Fluorobiphenyl	9.28	172	1553159	63.07	ng		-0.01
79) Terphenyl-d14	13.04	244	1439172	53.81	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	2152	Below Cal		#	1
10) Phenol	6.54	94	37303	2.484	ng		89
19) n-Nitroso-di-n-propylamine	7.47	70	117262	13.155	ng	#	75
25) Isophorone	7.47	82	857841	31.929	ng	#	62
50) Dimethylphthalate	9.67	163	116944	3.775	ng		98
51) 2,6-Dinitrotoluene	9.96	165	57536	8.497	ng	#	23
57) 2,4-Dinitrotoluene	9.96	165	57536	6.680	ng	#	24
71) Phenanthrene	11.48	178	137080	3.553	ng		95
75) Fluoranthene	12.67	202	243100	Below Cal			98
78) Pyrene	12.90	202	232334	5.881	ng		96
81) Benzo(a)anthracene	14.09	228	110712	3.427	ng		99
83) Chrysene	14.13	228	107600	3.437	ng		97
88) Benzo(b)fluoranthene	15.16	252	192024	5.674	ng		98
89) Benzo(k)fluoranthene	15.16	252	192024	6.022	ng		97
90) Benzo(a)pyrene	15.54	252	80705	2.712	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117868.D
Acq On : 19 Nov 2019 19:14
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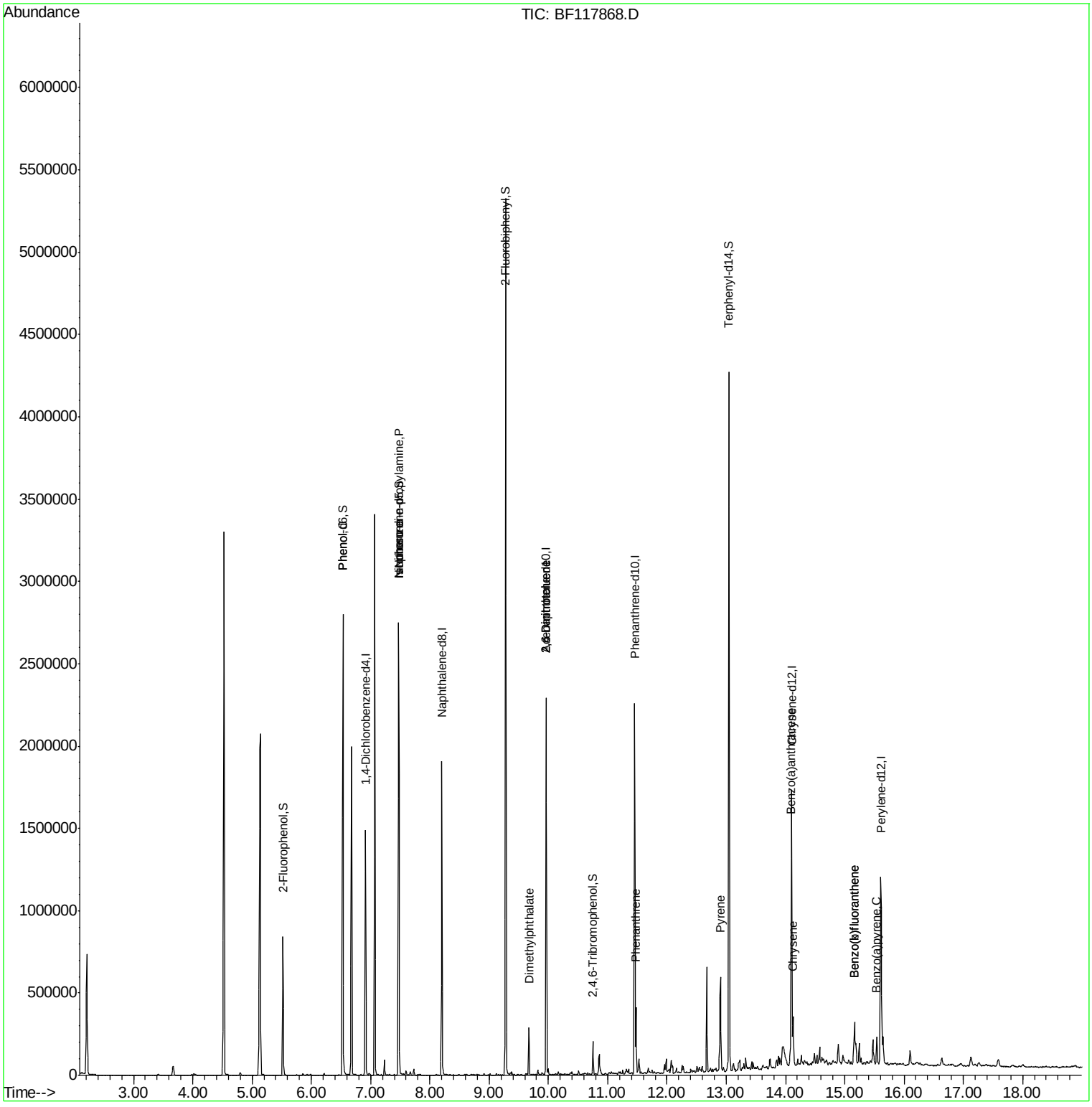
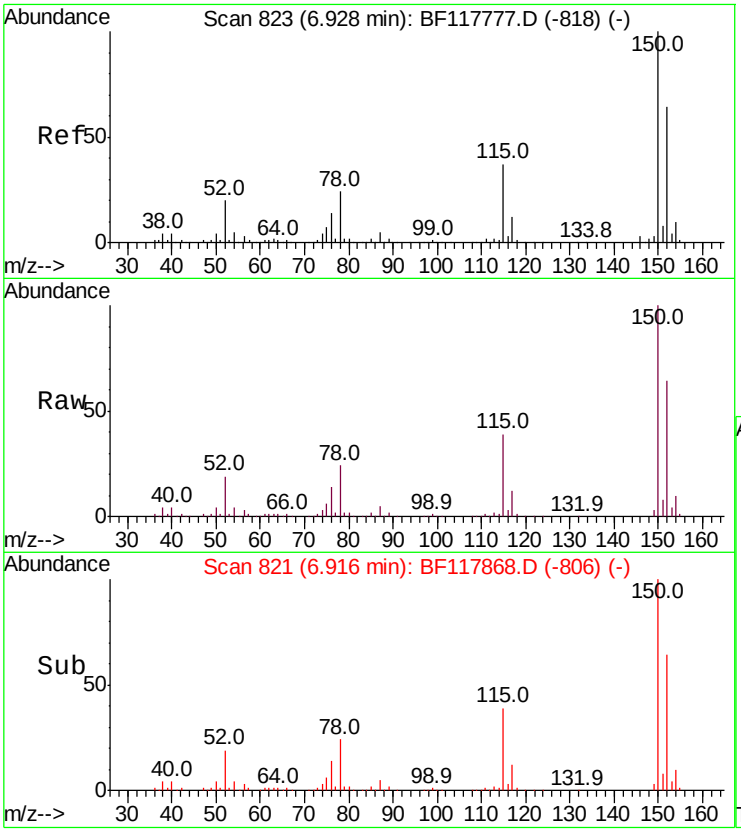
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 00:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



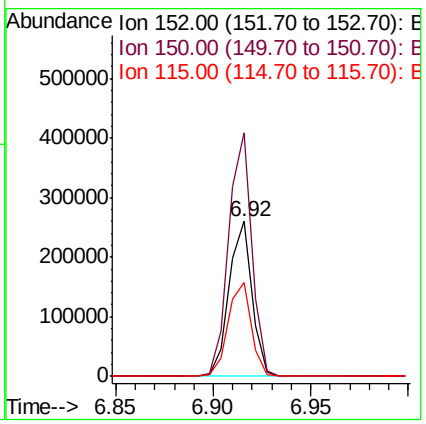


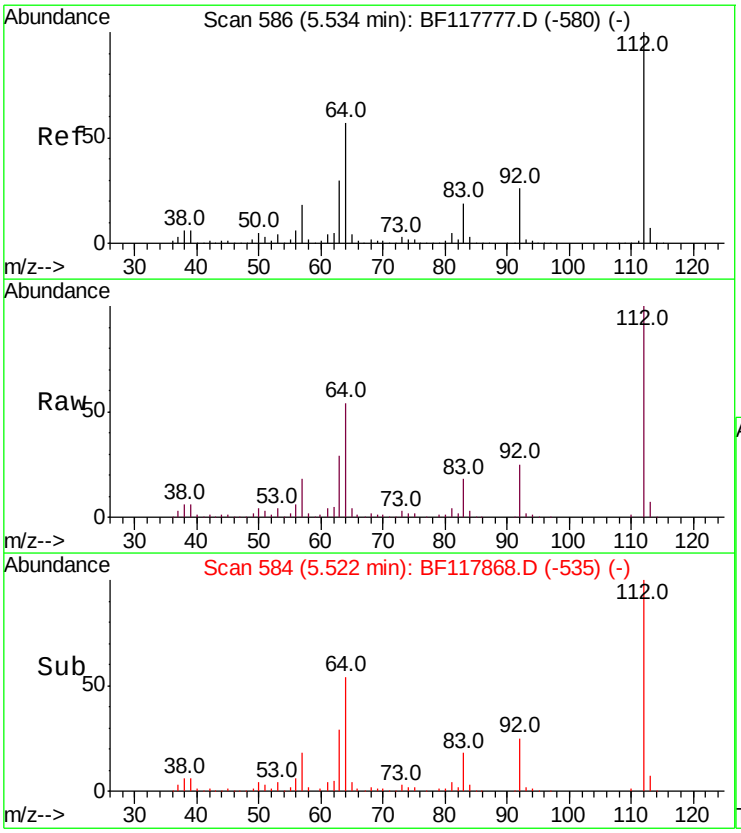
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 212052

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	60.6	47.0	70.4

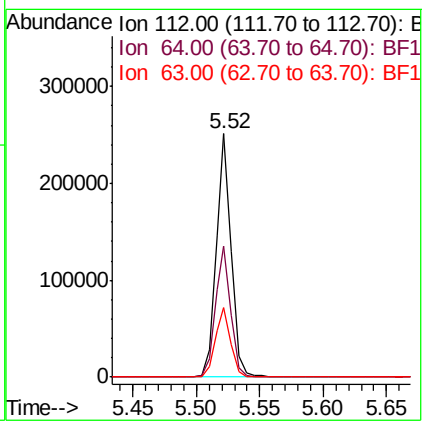


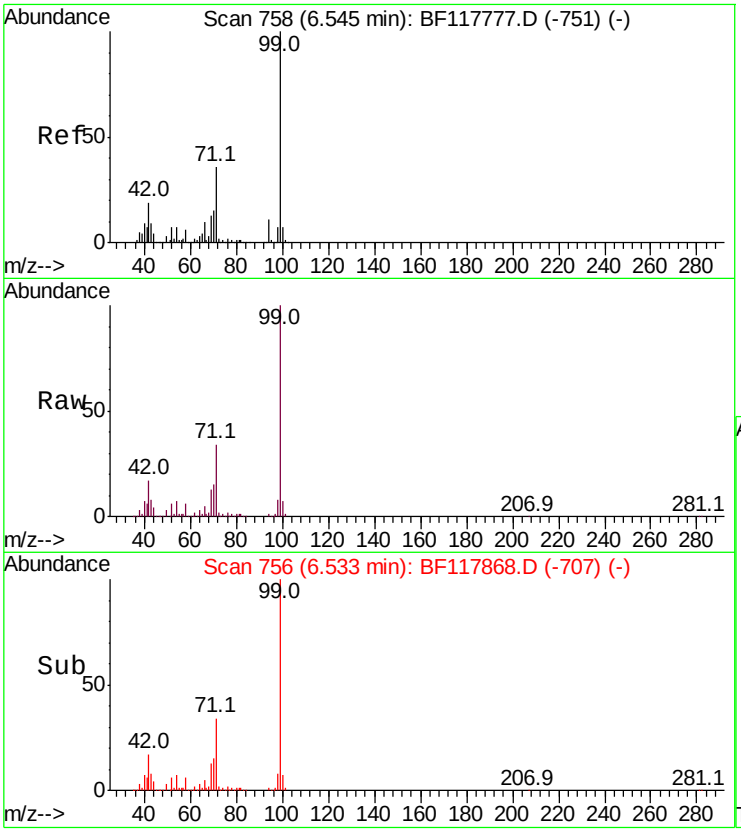


#5
2-Fluorophenol
Concen: 17.425 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:112 Resp: 208750

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.6	68.4
63	28.8	24.1	36.1



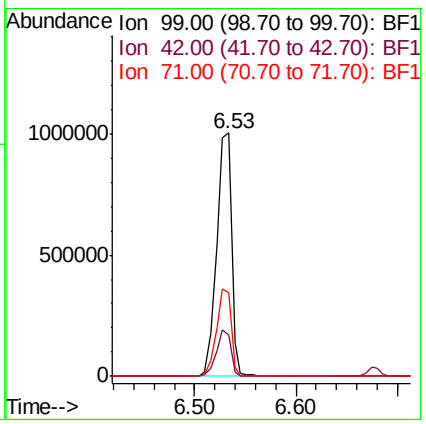


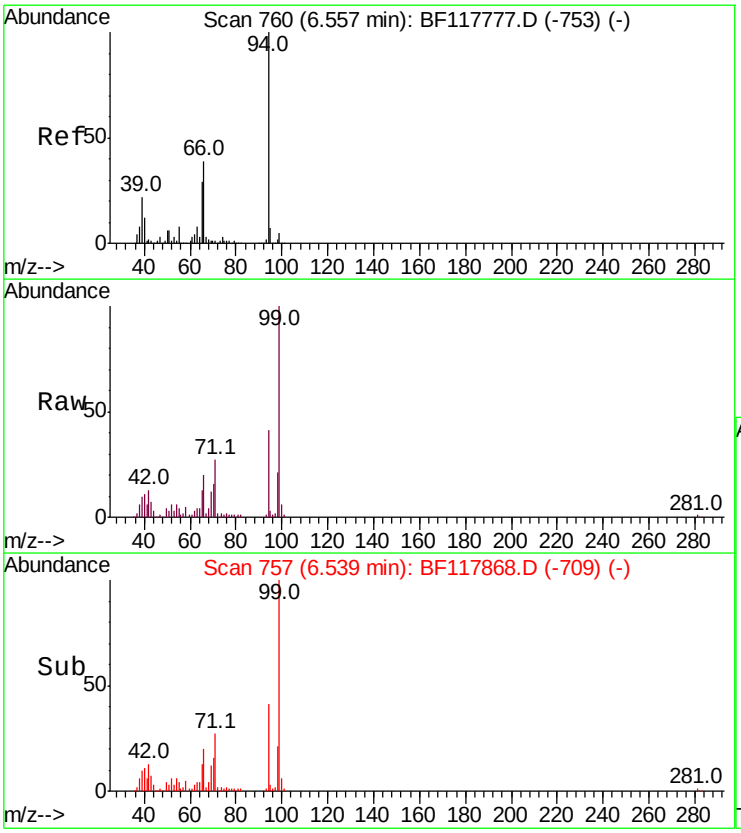
#7
Phenol-d6
Concen: 71.363 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1031146

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	34.3	28.6	43.0

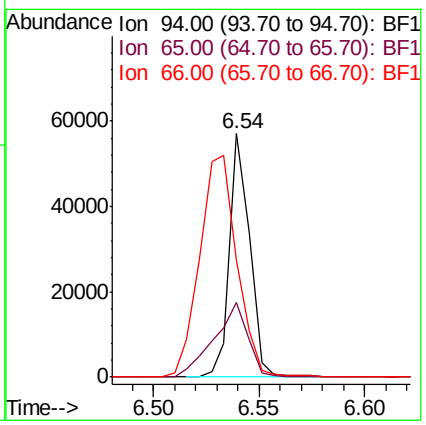


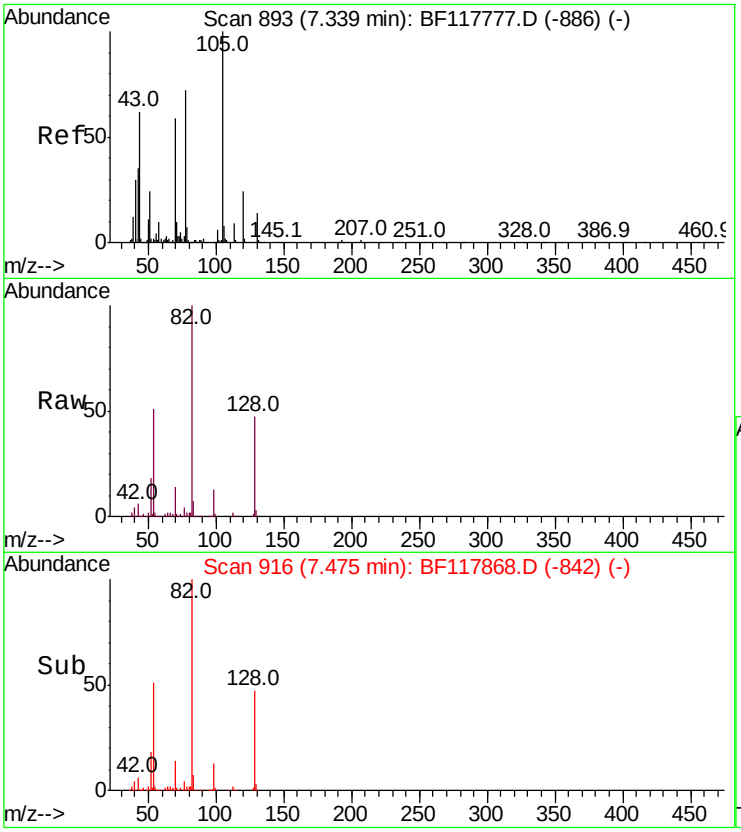


#10
Phenol
Concen: 2.484 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion: 94 Resp: 37303

Ion	Ratio	Lower	Upper
94	100		
65	30.9	8.9	48.9
66	48.2	18.7	58.7



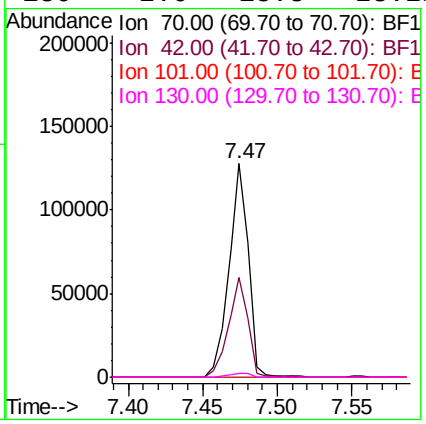


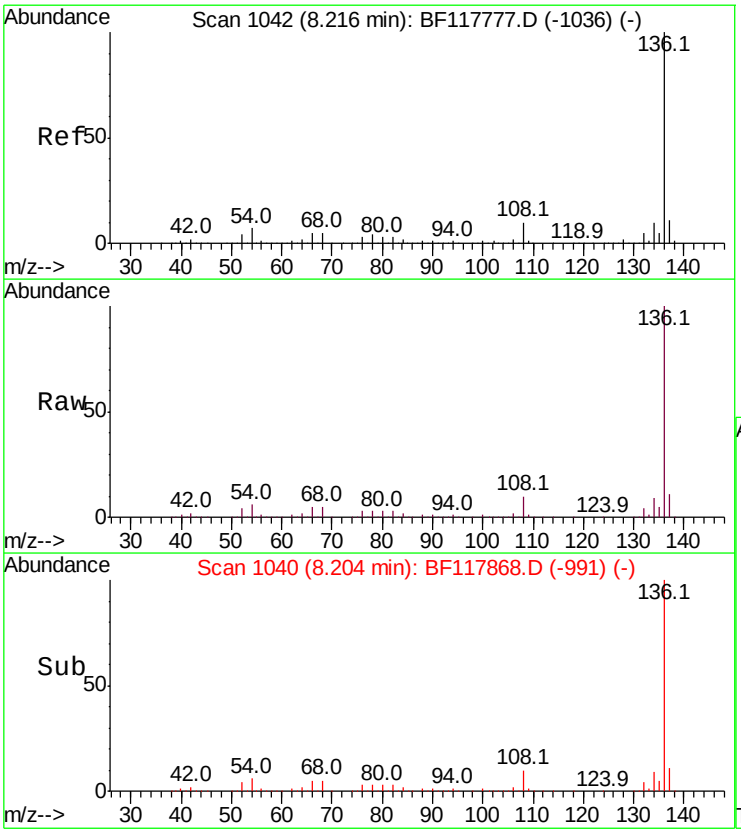
#19
n-Nitroso-di-n-propylamine
Concen: 13.155 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 117262

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.4	71.2#
101	0.0	8.4	12.6#
130	2.0	18.8	28.2#

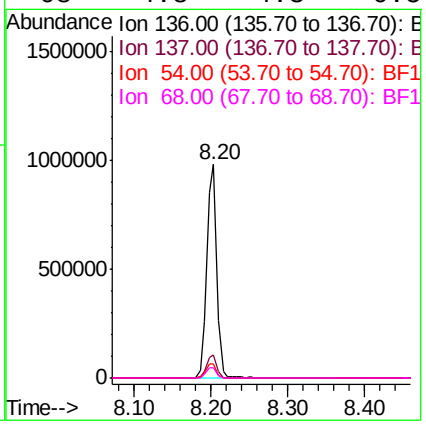


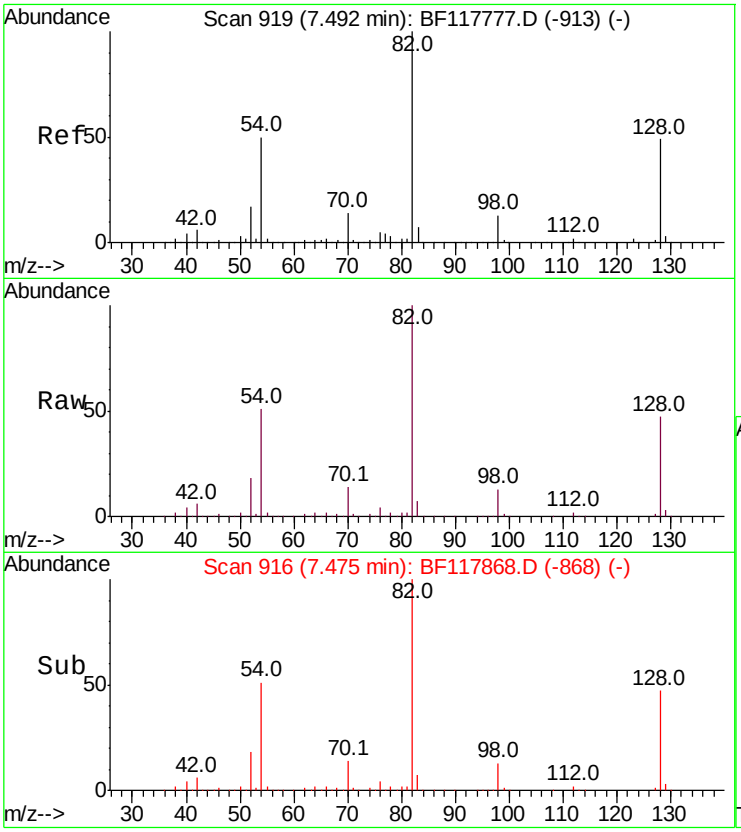


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:136 Resp: 871390

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.4	8.2
68	4.8	4.3	6.5



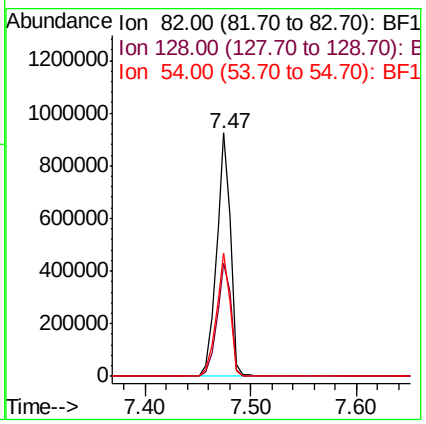


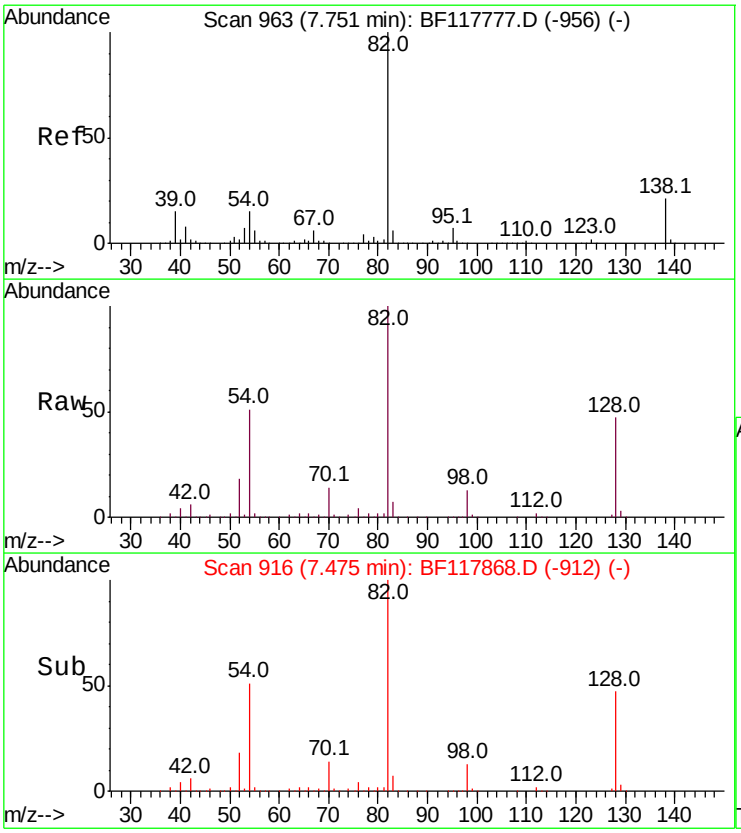
#23
Nitrobenzene-d5
Concen: 58.946 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 864056

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.9	58.3
54	50.8	39.8	59.6

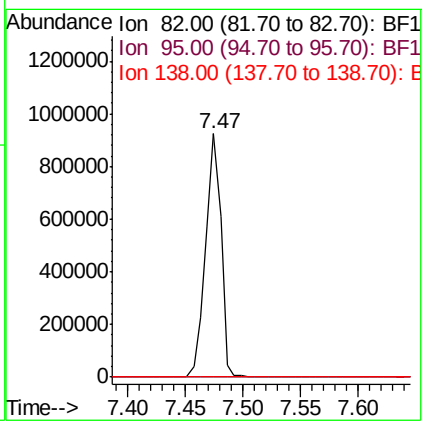


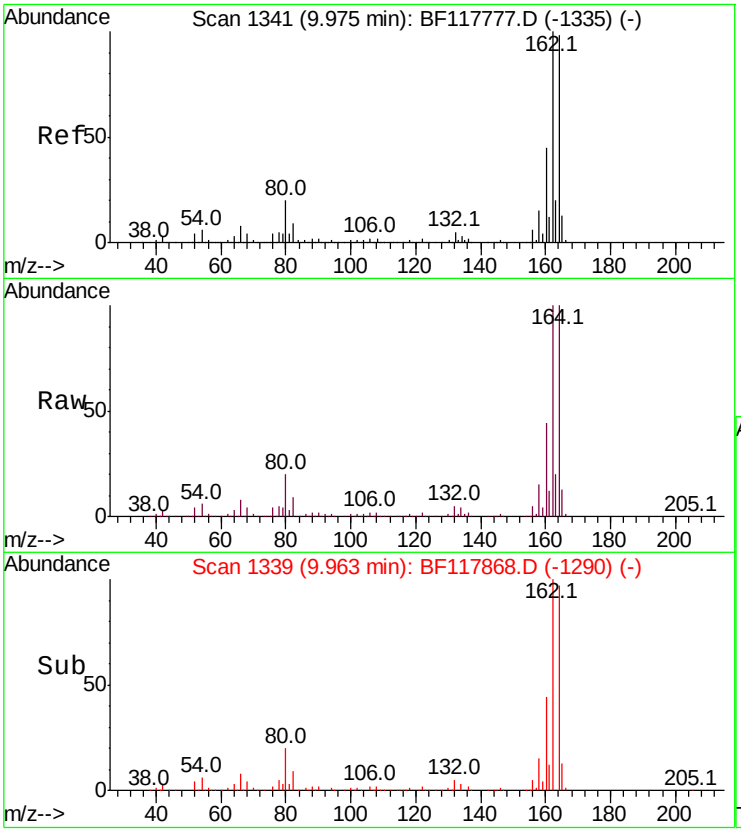


#25
Isophorone
Concen: 31.929 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion: 82 Resp: 857841

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



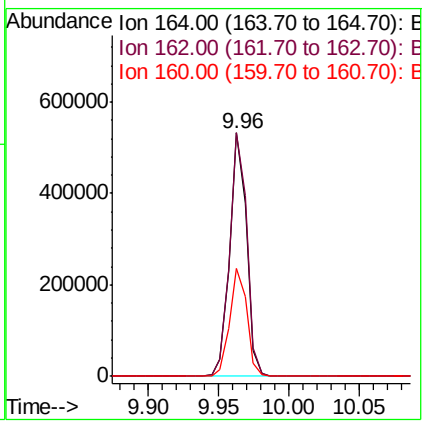


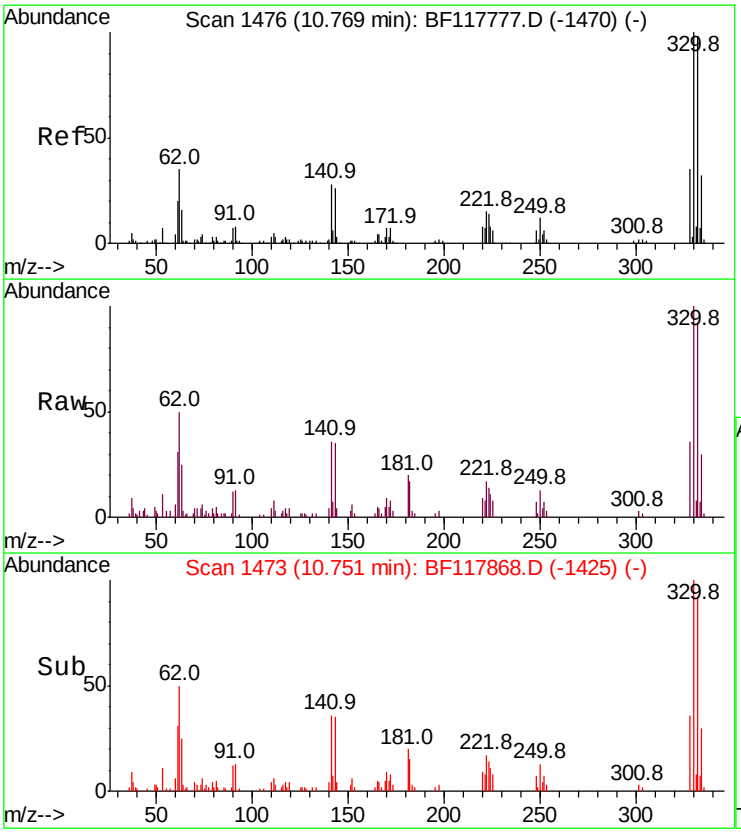
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 441799

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	44.3	36.6	55.0

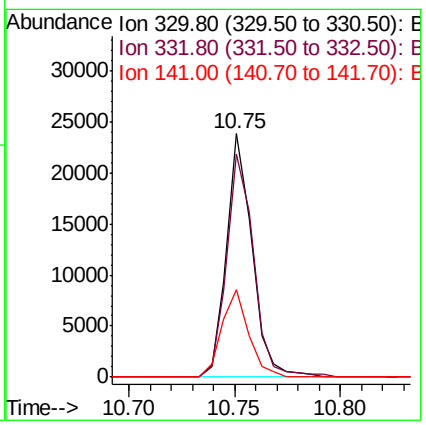


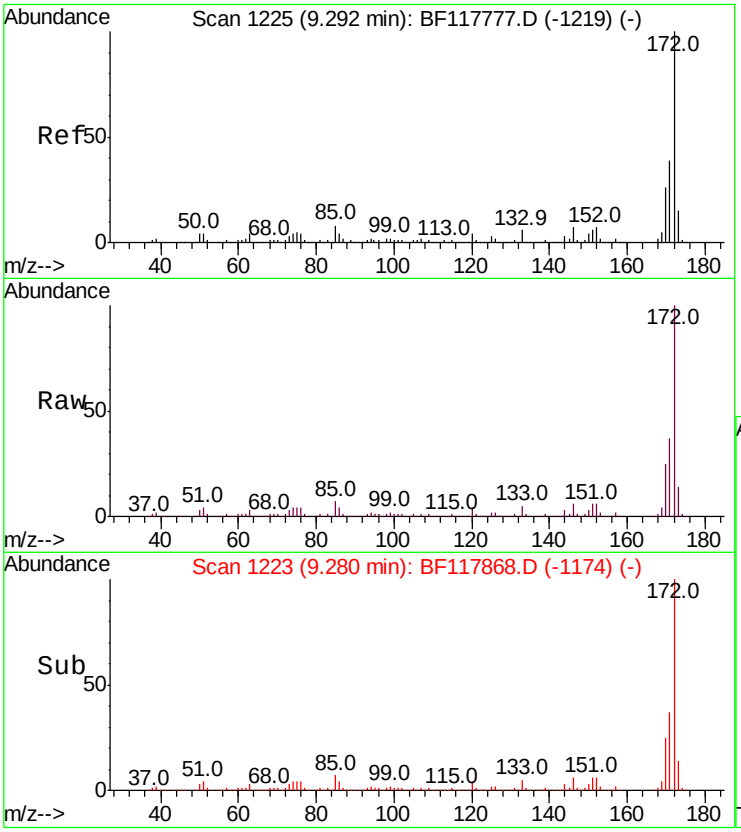


#42
2,4,6-Tribromophenol
Concen: 4.263 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:330 Resp: 19940

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	37.8	27.7	41.5



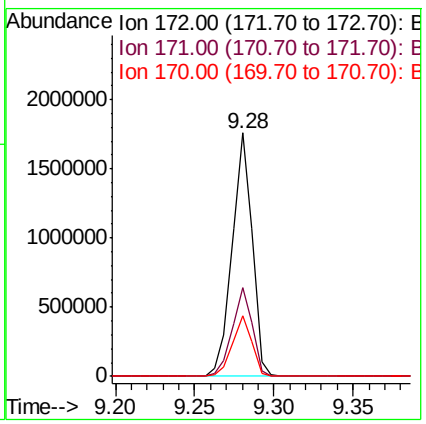


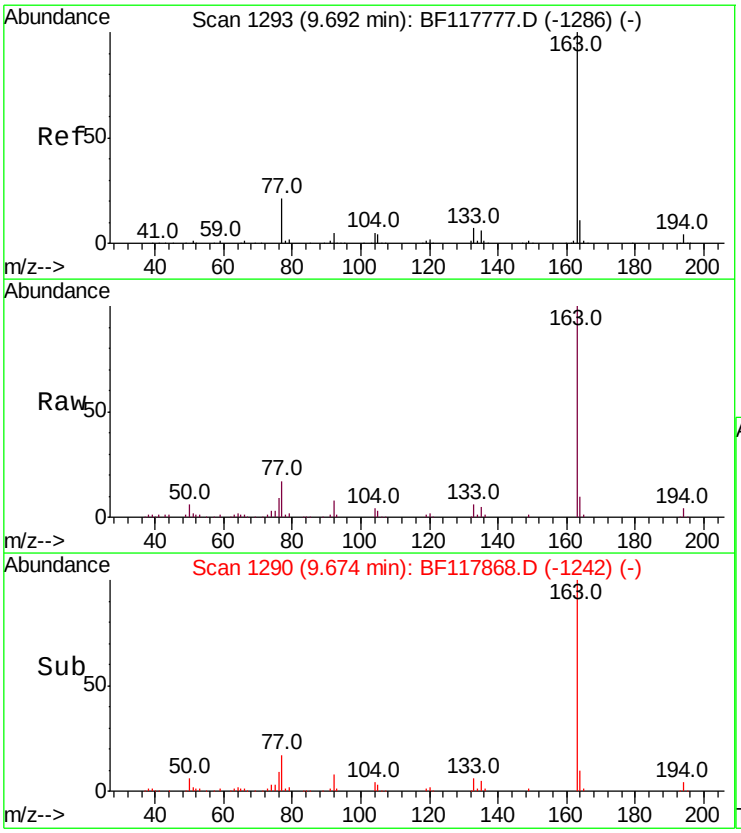
#45
2-Fluorobiphenyl
Concen: 63.070 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1553159

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.9	21.0	31.4

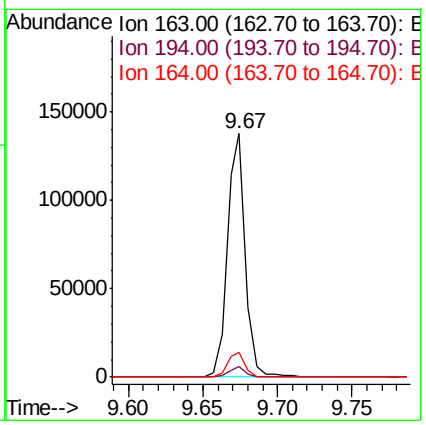


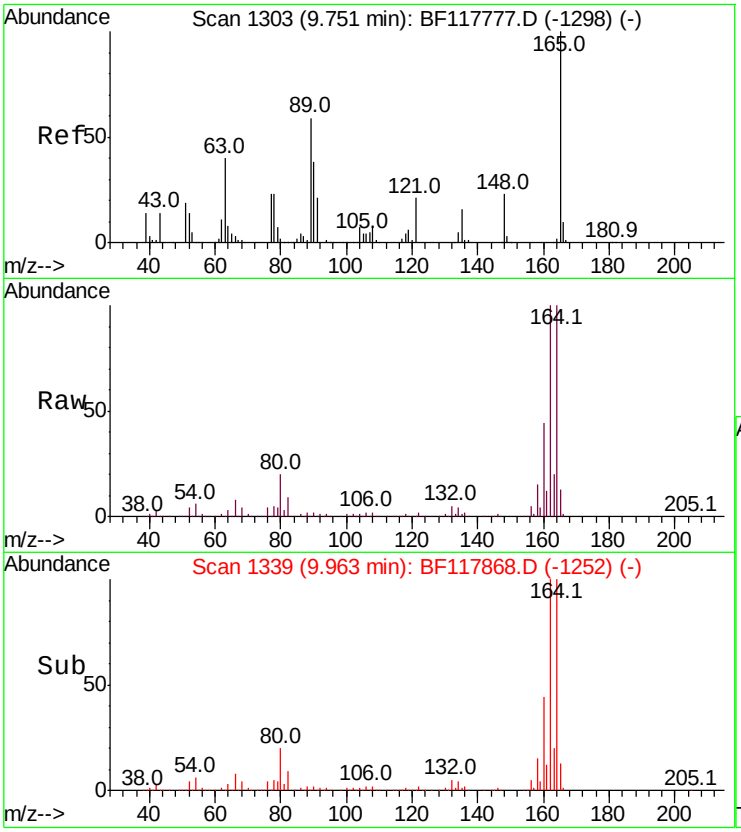


#50
Dimethylphthalate
Concen: 3.775 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:163 Resp: 116944

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	8.7	13.1



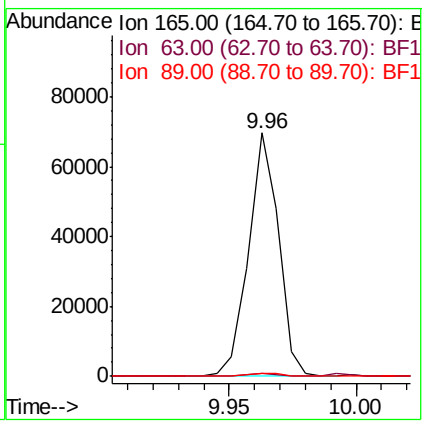


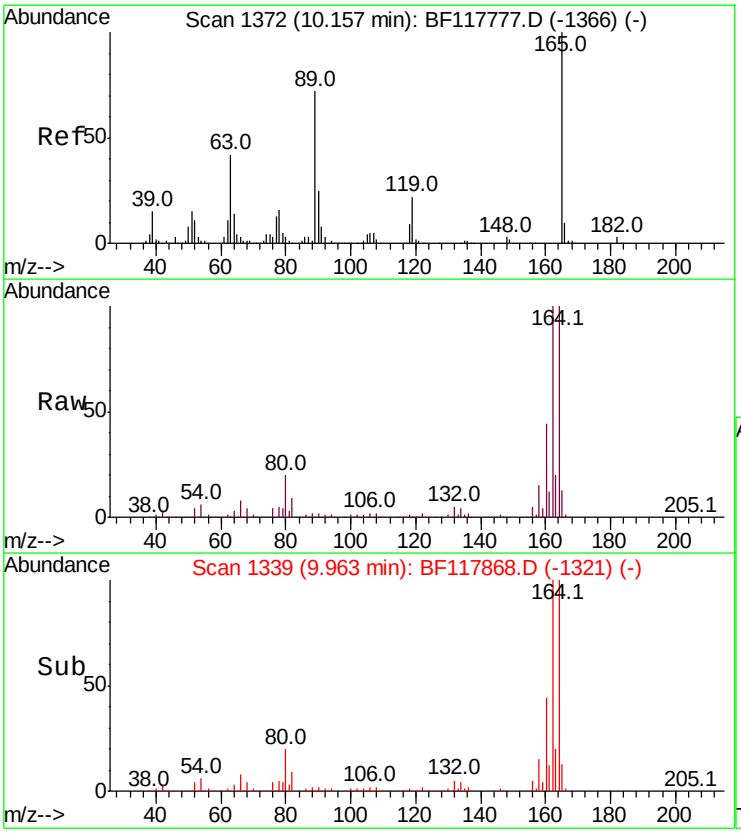
#51
2,6-Dinitrotoluene
Concen: 8.497 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.21 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 57536

Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.0	69.0#
89	1.3	47.7	71.5#

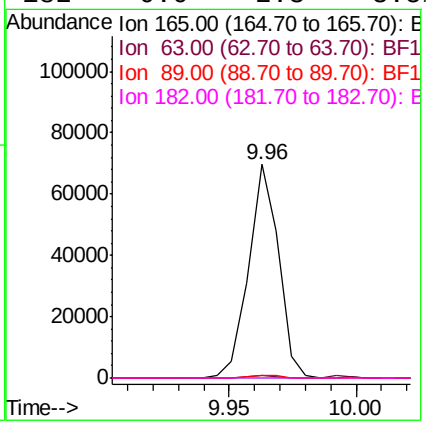


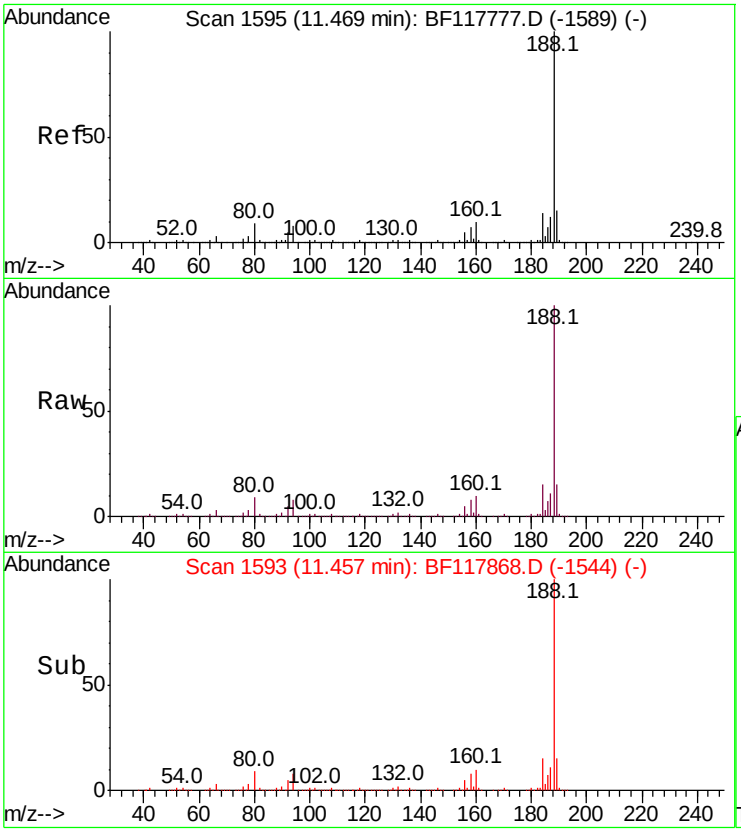


#57
2,4-Dinitrotoluene
Concen: 6.680 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:165 Resp: 57536

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



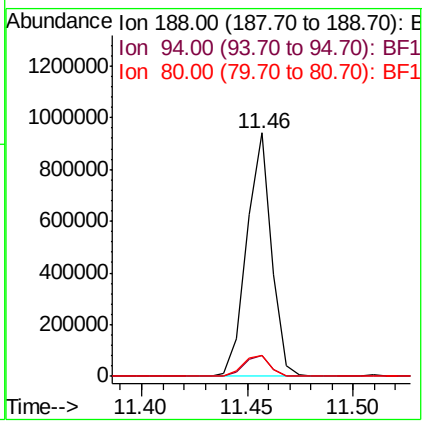


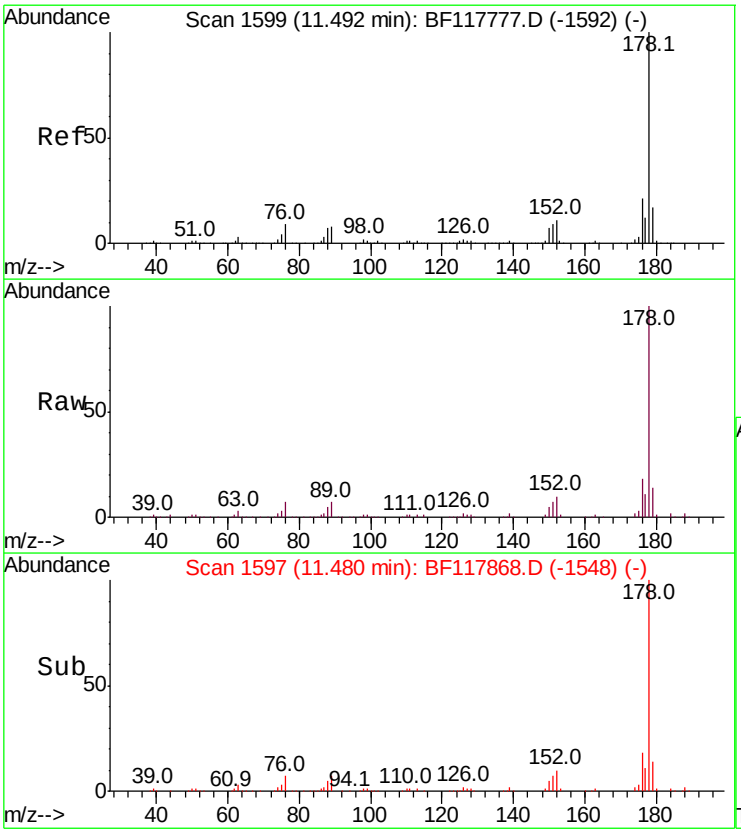
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 767384

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	8.8	7.2	10.8

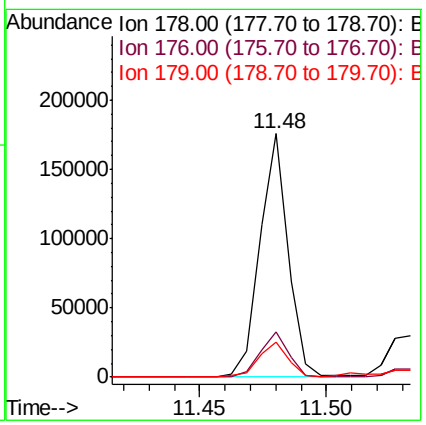


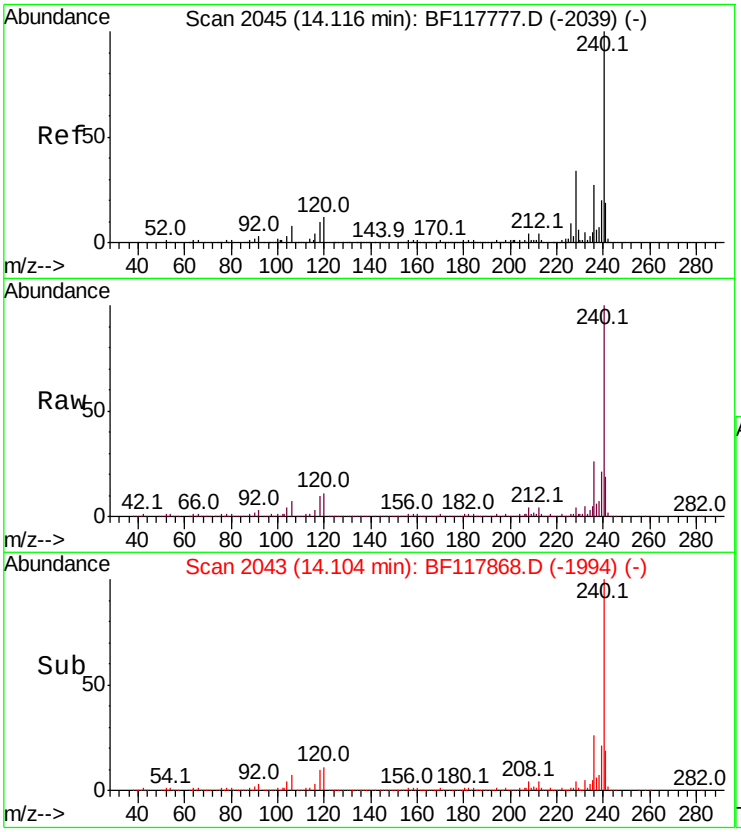


#71
Phenanthrene
Concen: 3.553 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:178 Resp: 137080

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.6	25.0
179	14.2	13.2	19.8



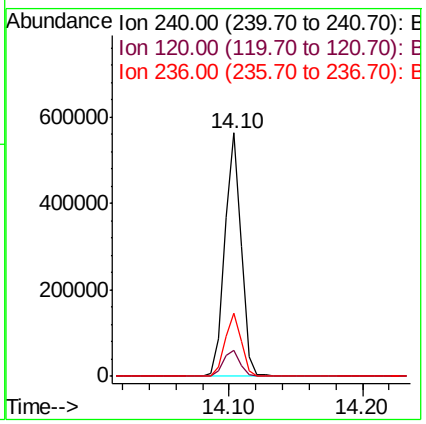


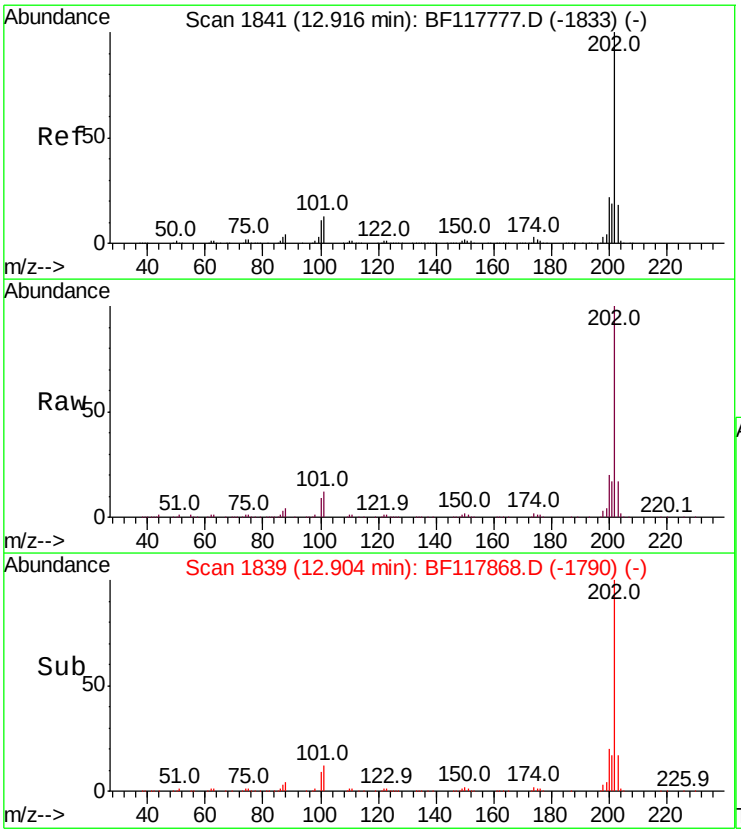
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 488841

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.9	21.3	31.9

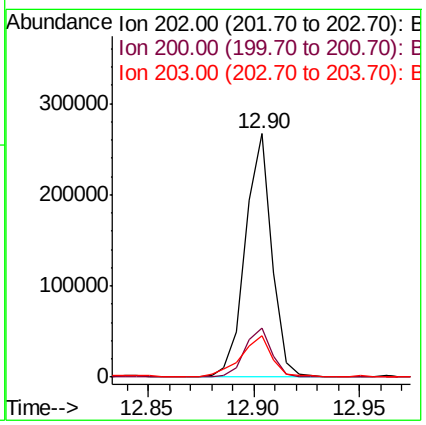


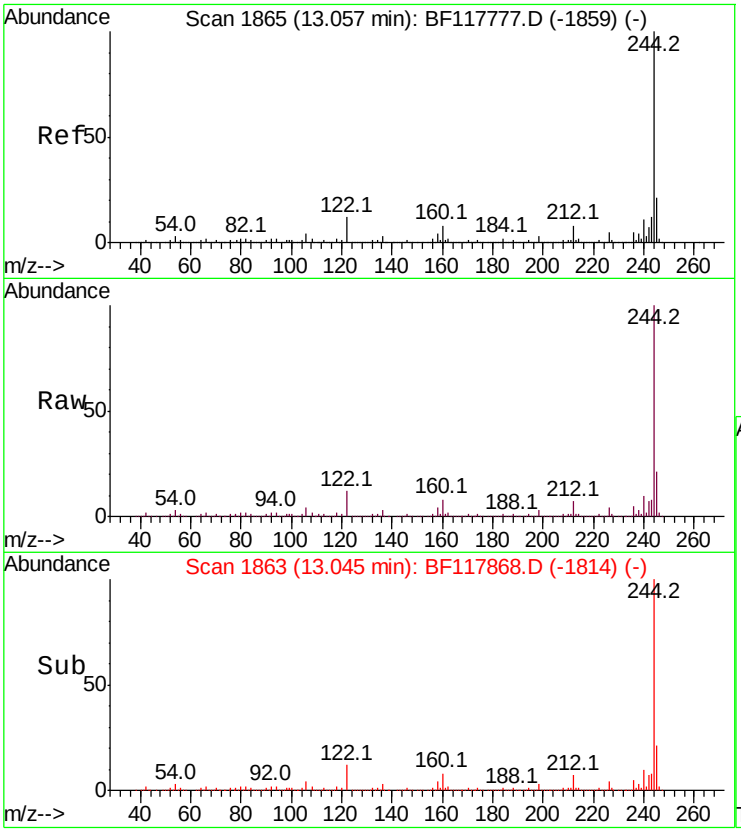


#78
Pyrene
Concen: 5.881 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:202 Resp: 232334

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.8
203	17.0	14.6	22.0



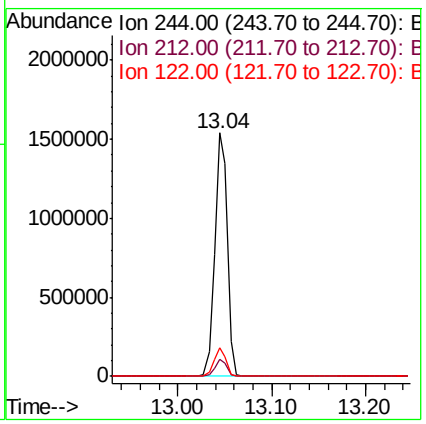


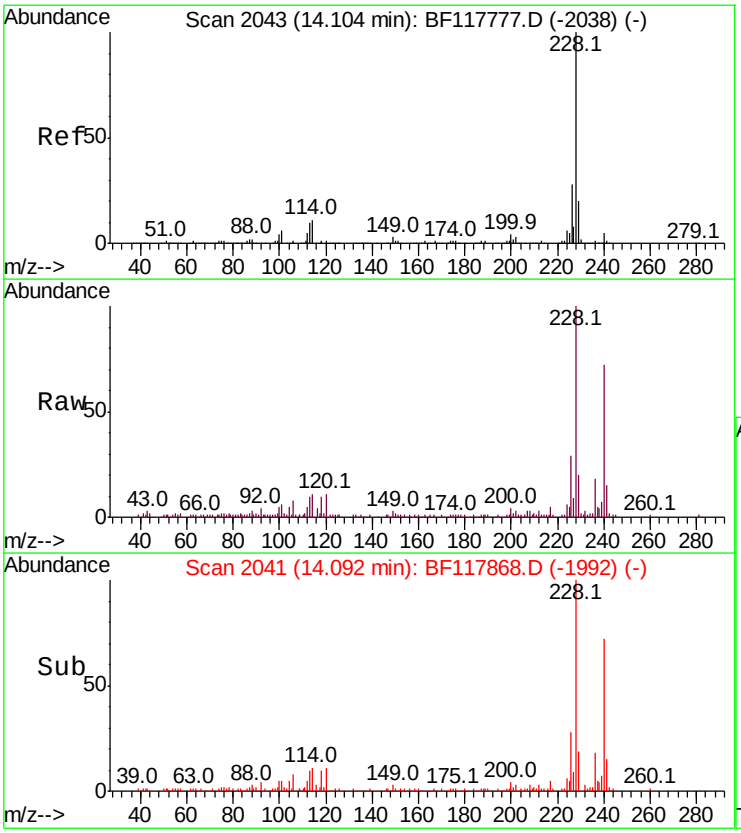
#79
Terphenyl-d14
Concen: 53.806 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1439172

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.8	9.4	14.2

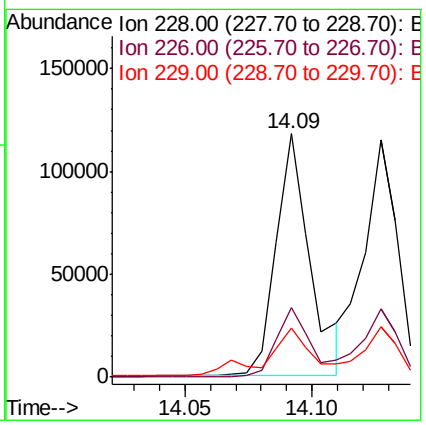


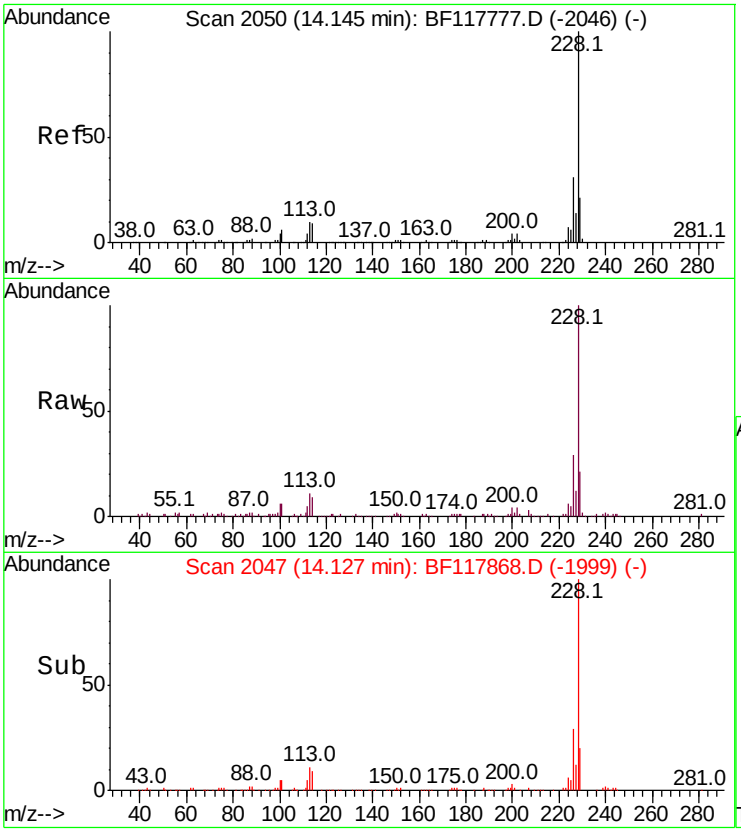


#81
Benzo(a)anthracene
Concen: 3.427 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:228 Resp: 110712

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	20.0	15.9	23.9



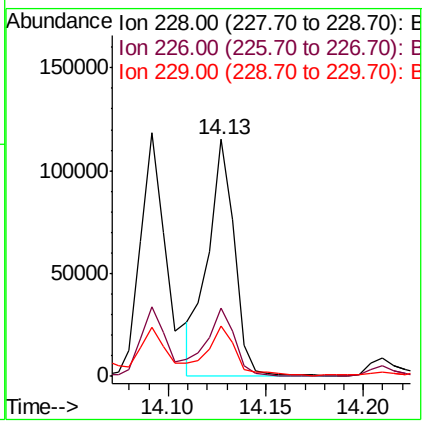


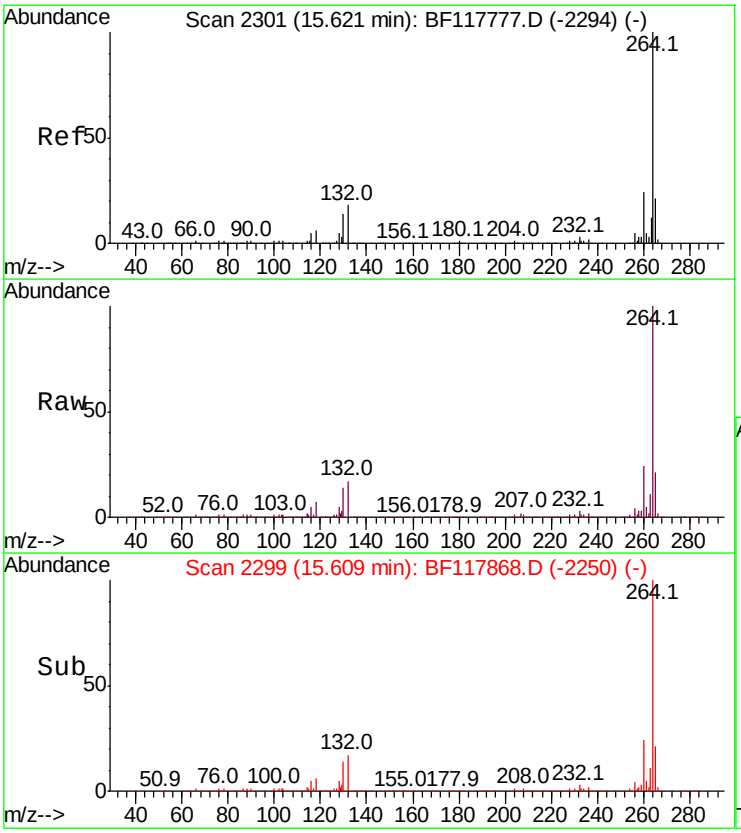
#83
Chrysene
Concen: 3.437 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 107600

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	21.0	16.6	25.0

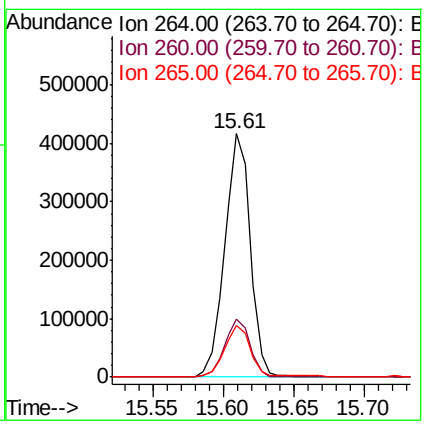


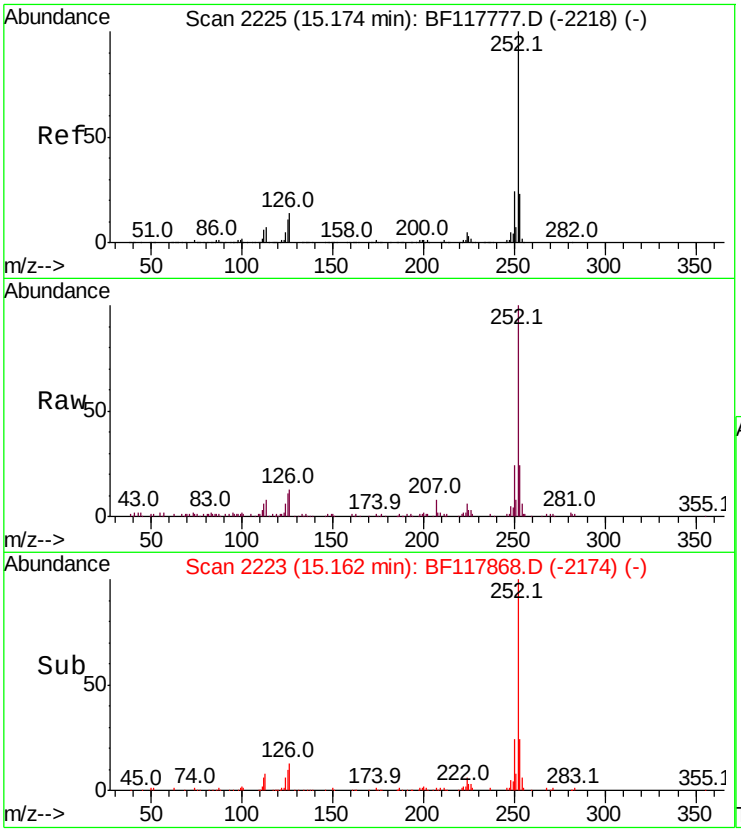


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:264 Resp: 520914

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.2	17.1	25.7



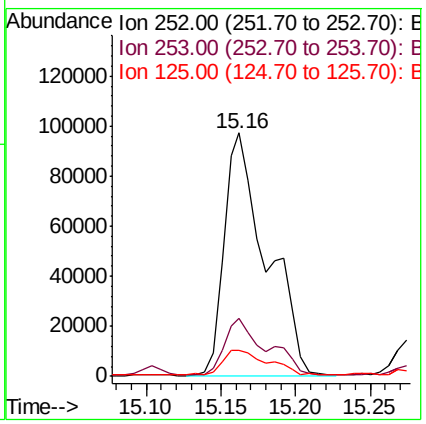


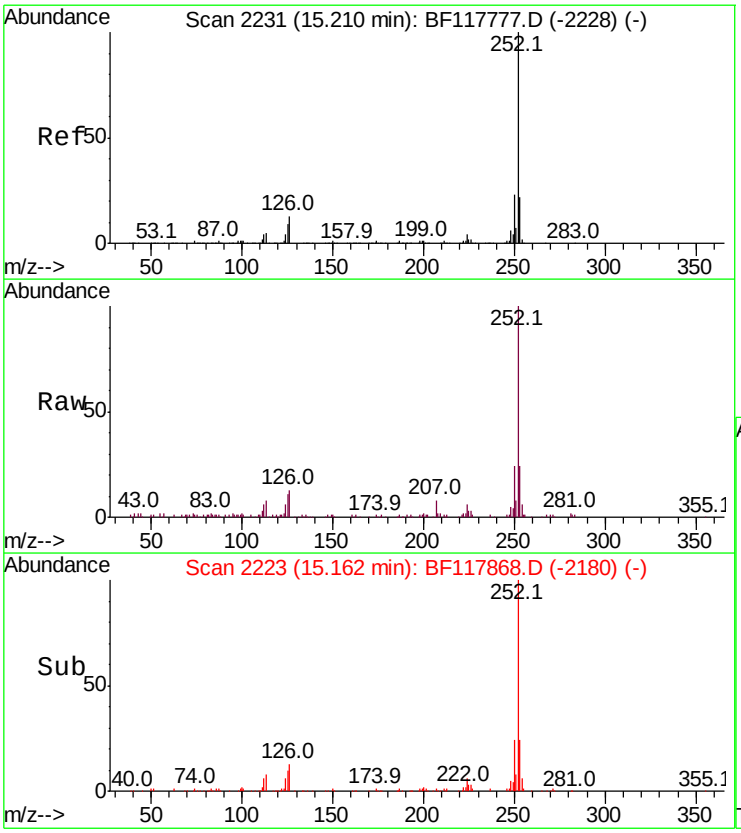
#88
Benzo(b)fluoranthene
Concen: 5.674 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 192024

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	10.7	8.6	13.0

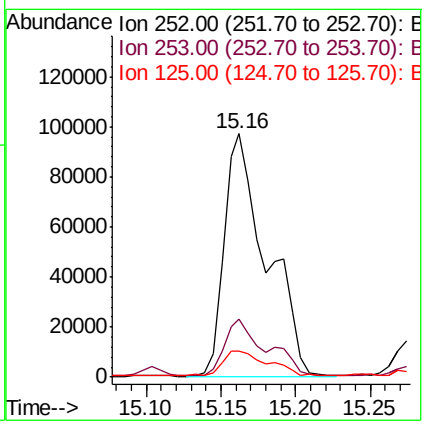


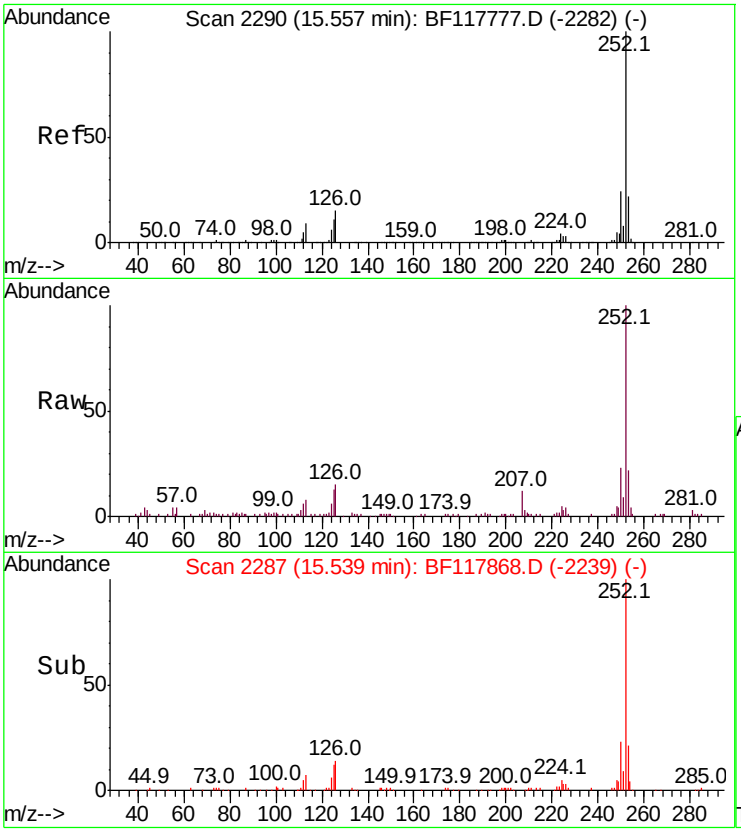


#89
Benzo(k)fluoranthene
Concen: 6.022 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Tgt Ion:252 Resp: 192024

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	10.7	7.9	11.9





#90
Benzo(a)pyrene
Concen: 2.712 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117868.D
Acq: 19 Nov 2019 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 80705

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.7	9.2	13.8