Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 23:56:43 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	235737	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	897181	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	443248	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	689637	20.00	ng		0.00
76) Chrysene-d12	14.11	240	474406	20.00	ng		0.00
87) Perylene-d12	15.63	264	535880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	162152	12.18	ng		0.00
7) Phenol-d6	6.53	99	1185926	73.83	ng		-0.01
23) Nitrobenzene-d5	7.48	82	888753	58.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	19790	4.22	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	1633450	66.11	ng		0.00
79) Terphenyl-d14	13.05	244	1306566	50.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	1549	Below Cal			87
10) Phenol	6.55	94	115290	6.907	ng		94
19) n-Nitroso-di-n-propylamine	7.48	70	122138	12.325	ng	#	77
25) Isophorone	7.48	82	888745	32.129	ng	#	62
50) Dimethylphthalate	9.67	163	247515	7.963	ng		99
54) 2,4-Dinitrophenol	9.98	184	122	7.256	ng	#	23
57) 2,4-Dinitrotoluene	9.97	165	58602	6.782	ng	#	25
71) Phenanthrene	11.49	178	133901	3.862	ng		95
75) Fluoranthene	12.67	202	136530	Below Cal			98
78) Pyrene	12.91	202	143459	3.742	ng		98
83) Chrysene	14.13	228	62325	2.052	ng		96
88) Benzo(b)fluoranthene	15.17	252	97151	2.790	ng	#	27
89) Benzo(k)fluoranthene	15.17	252	97151	2.961	ng	#	26

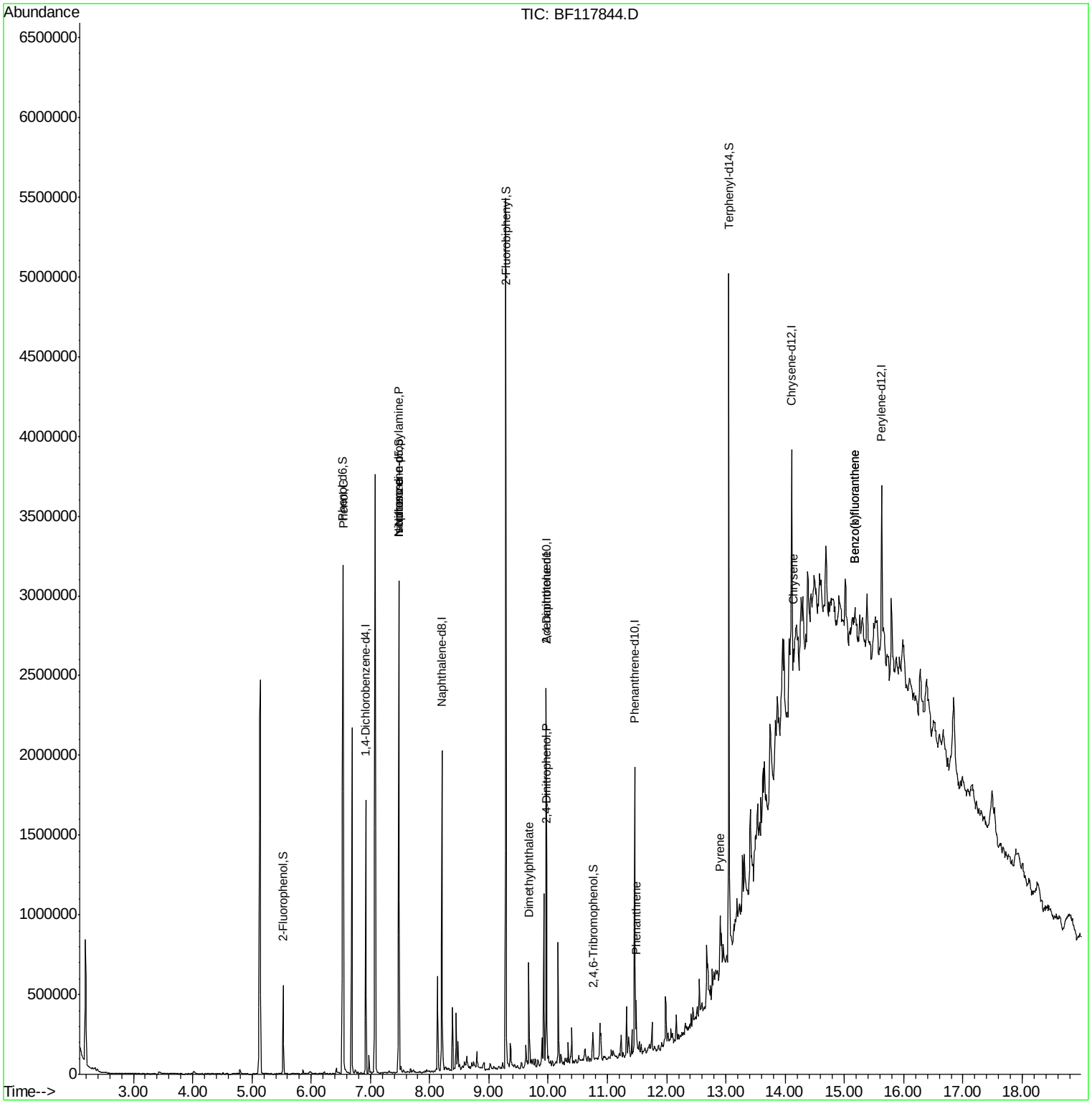
(#) = qualifier out of range (m) = manual integration (+) = signals summed

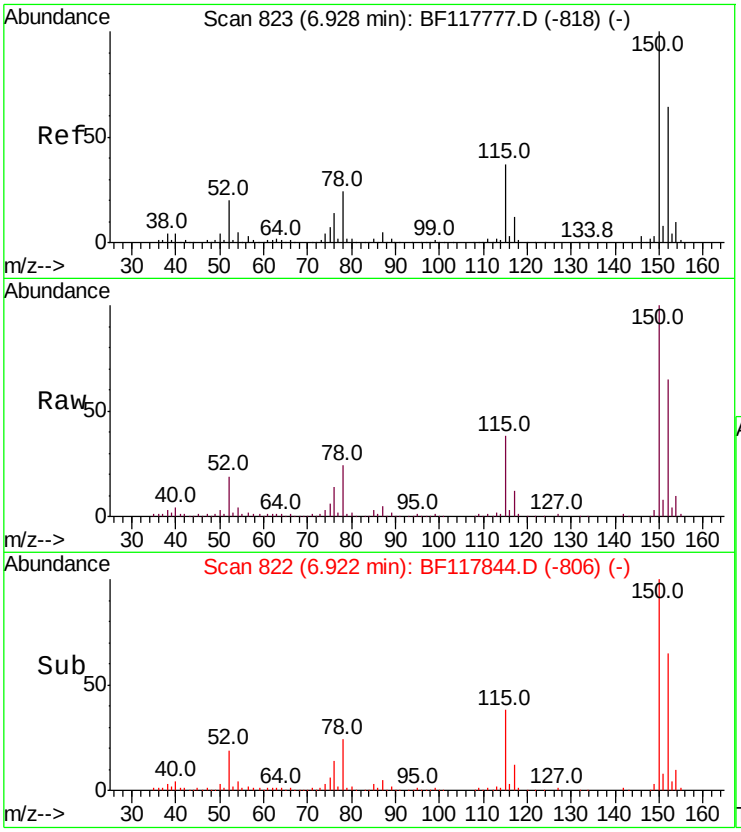
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 23:56:43 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



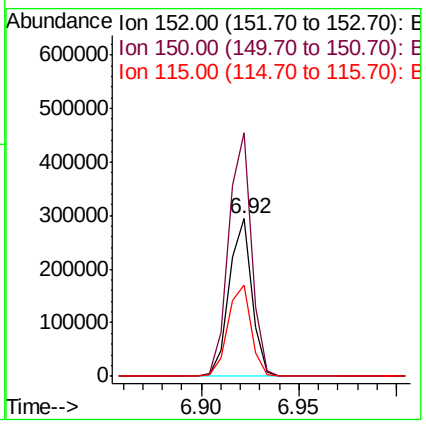


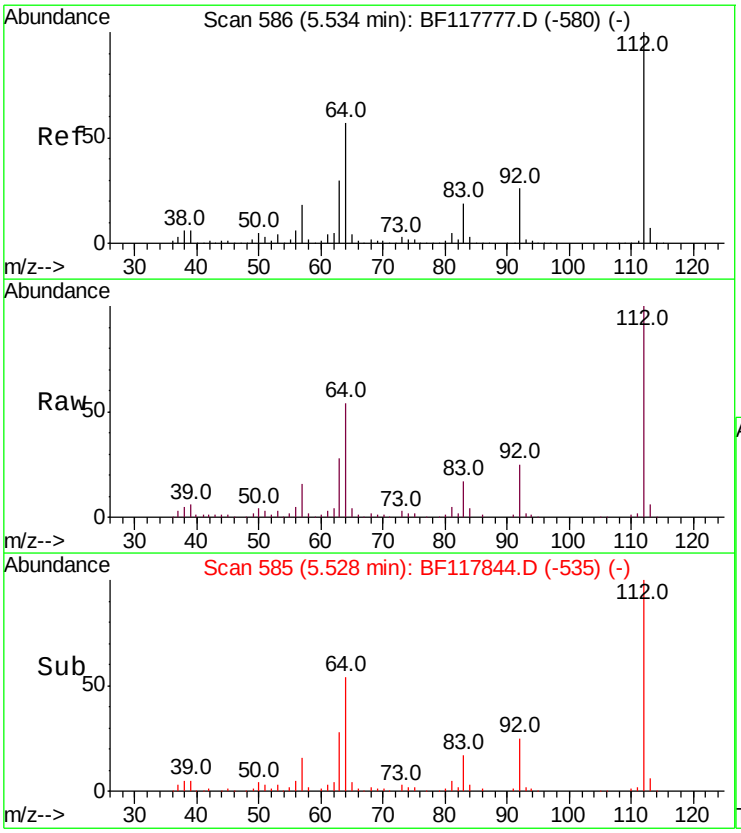
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 235737

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	58.2	47.0	70.4

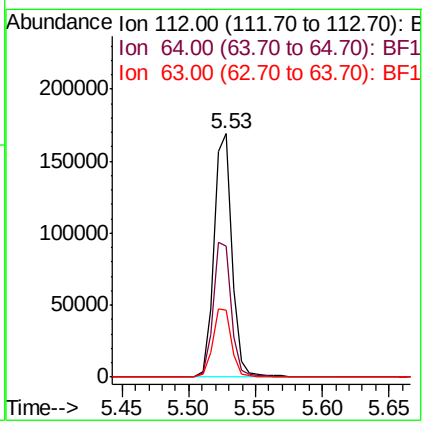


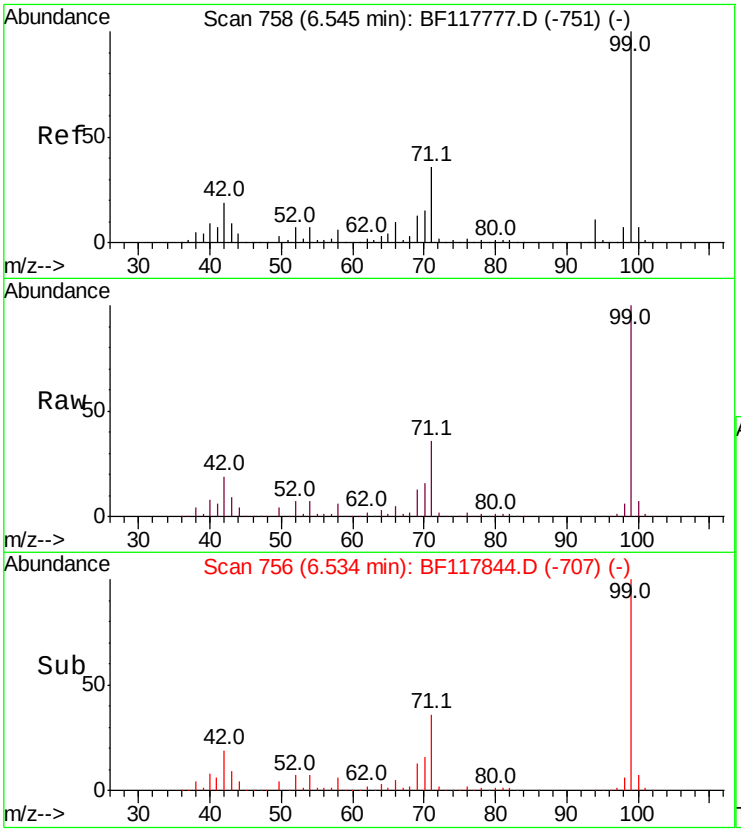


#5
2-Fluorophenol
Concen: 12.176 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:112 Resp: 162152

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.6	68.4
63	27.7	24.1	36.1



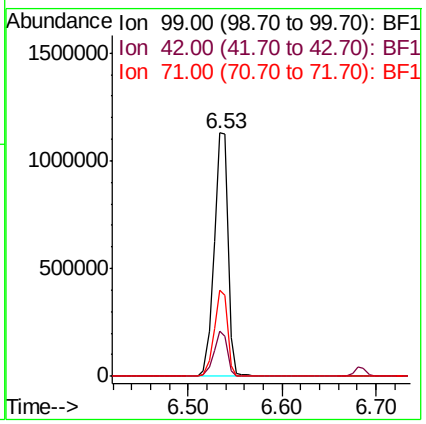


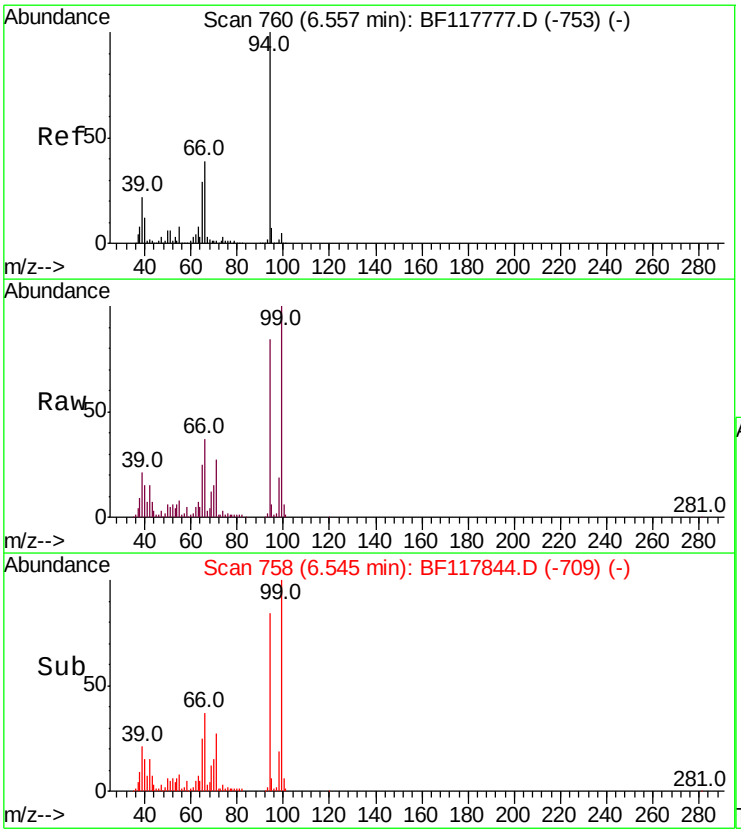
#7
Phenol-d6
Concen: 73.828 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1185926

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	35.6	28.6	43.0

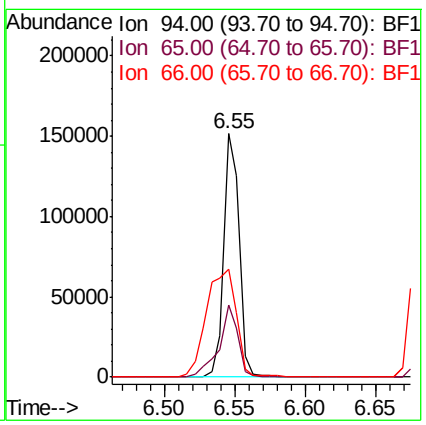


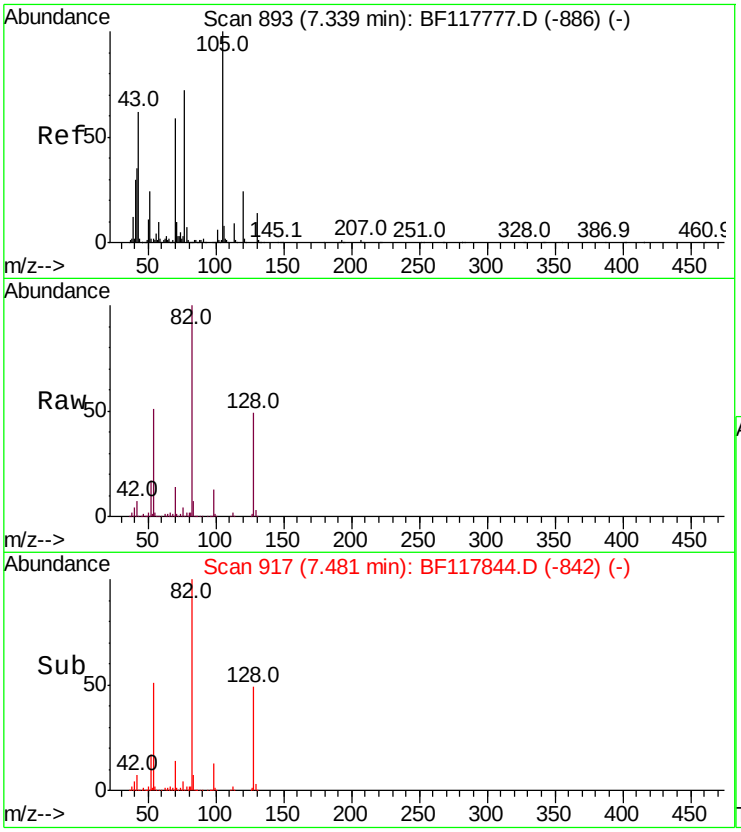


#10
Phenol
Concen: 6.907 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion: 94 Resp: 115290

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.9	48.9
66	44.4	18.7	58.7



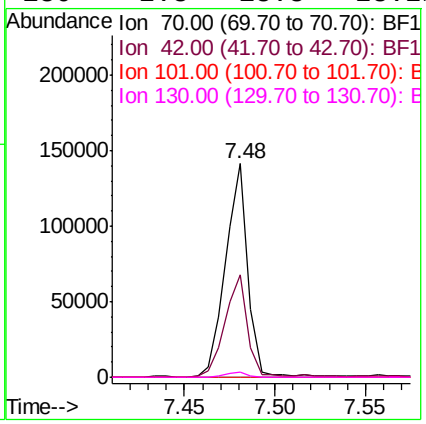


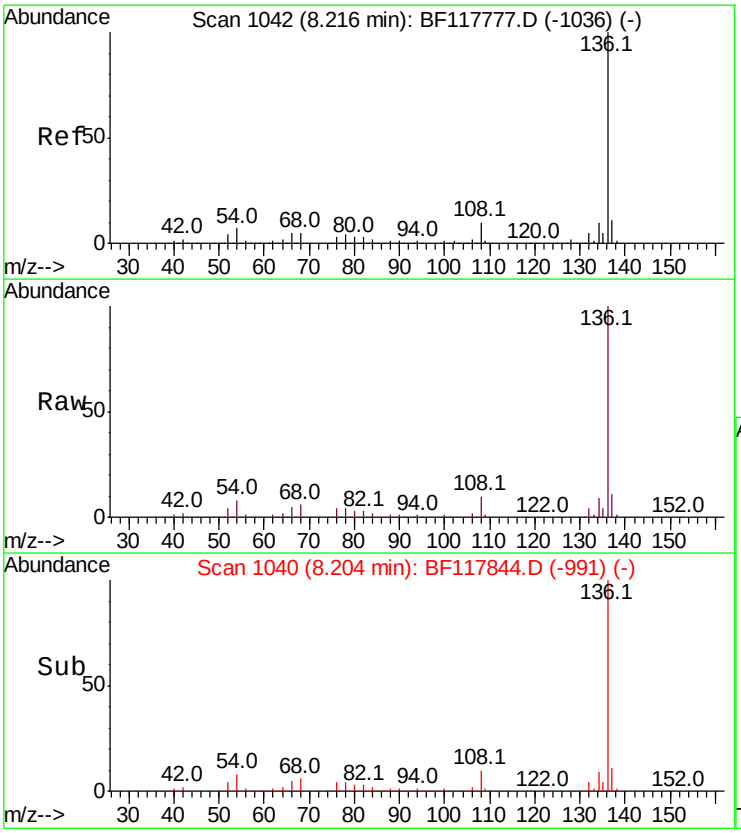
#19
n-Nitroso-di-n-propylamine
Concen: 12.325 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 122138

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#

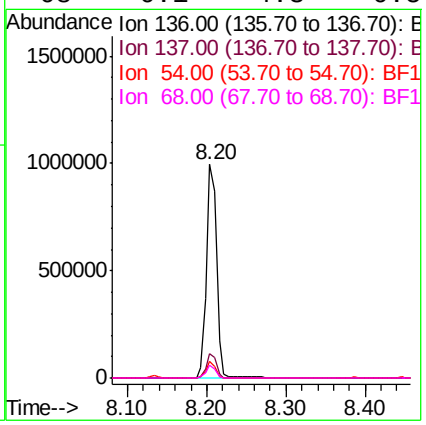


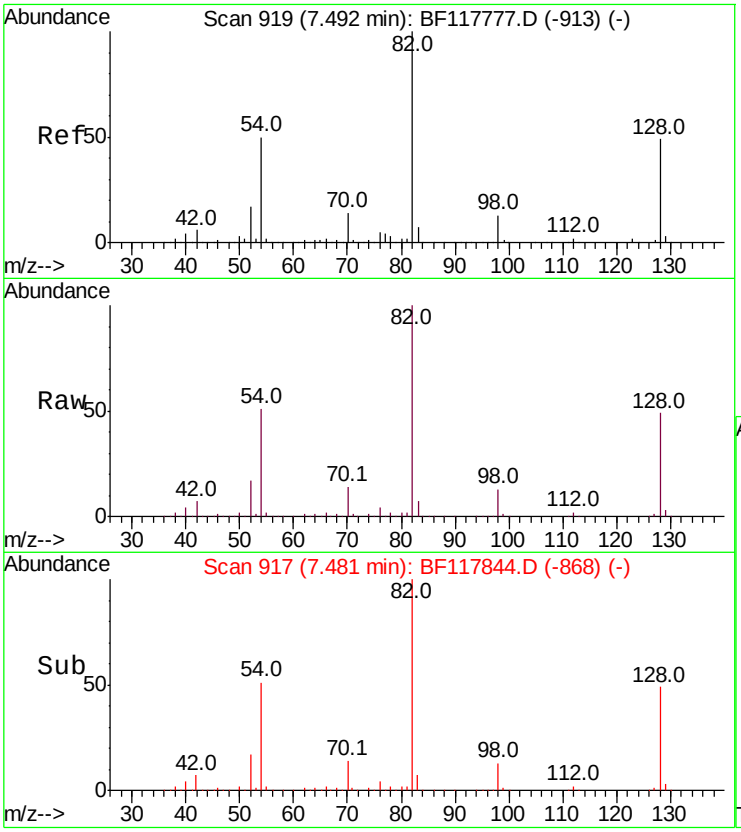


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:136 Resp: 897181

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	5.4	8.2
68	6.1	4.3	6.5



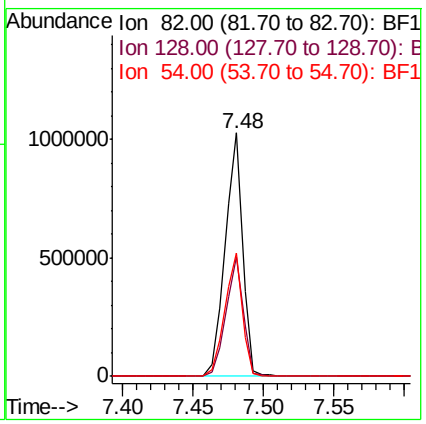


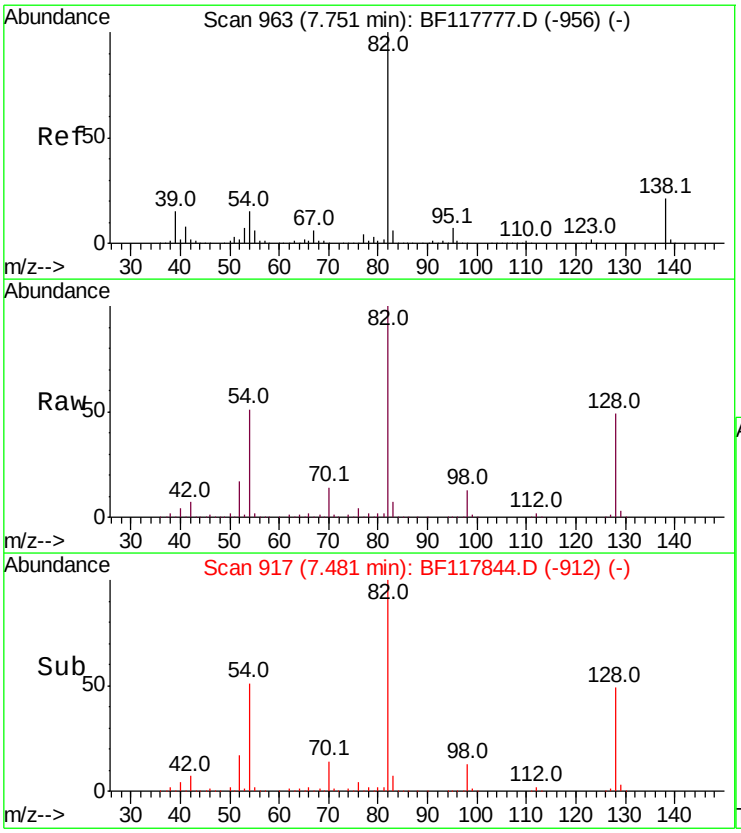
#23
Nitrobenzene-d5
Concen: 58.887 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 888753

Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.9	58.3
54	50.6	39.8	59.6

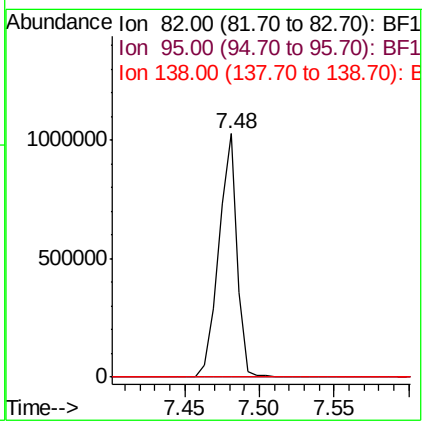


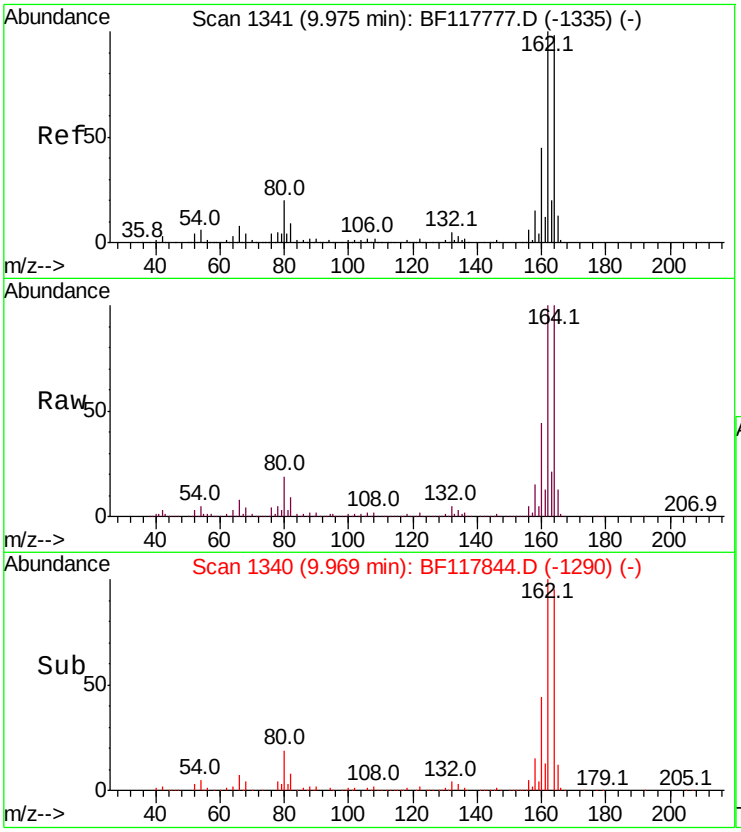


#25
Isophorone
Concen: 32.129 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion: 82 Resp: 888745

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



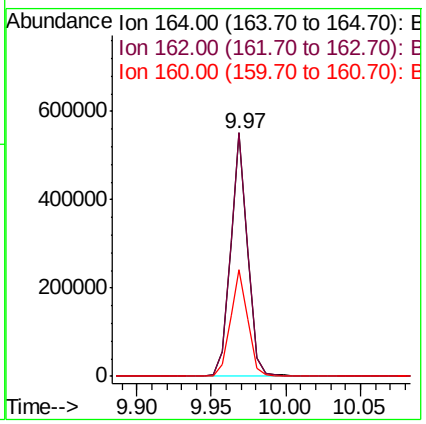


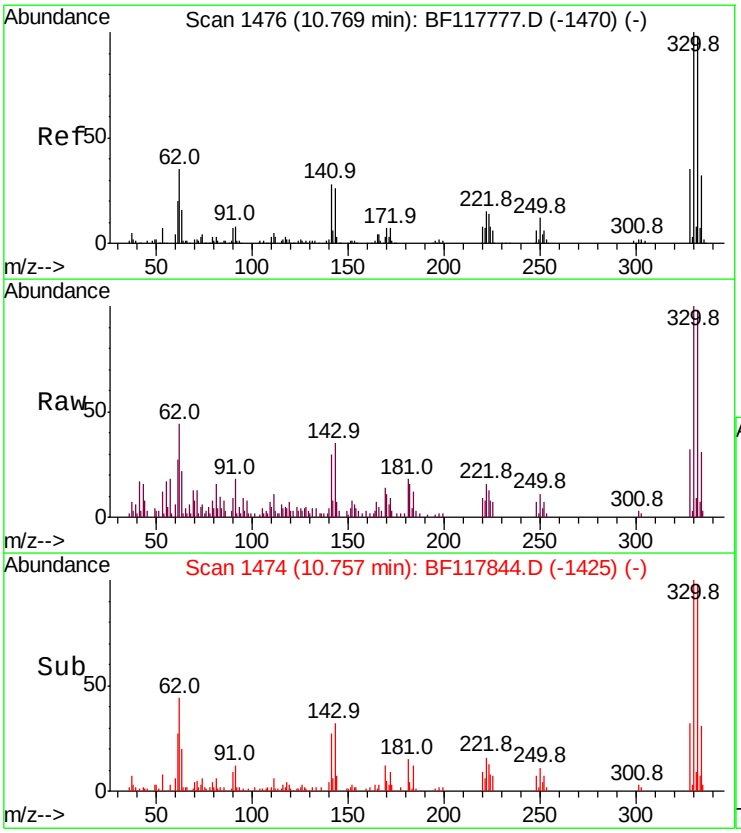
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 443248

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.3	121.9
160	43.7	36.6	55.0

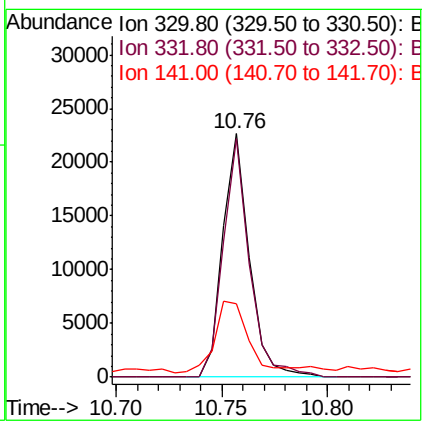


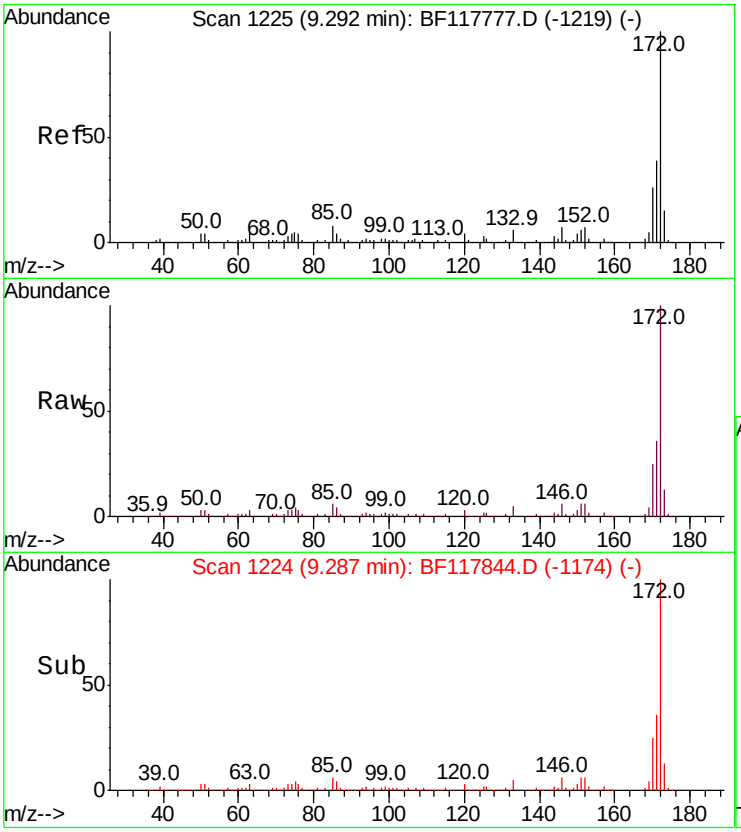


#42
2,4,6-Tribromophenol
Concen: 4.217 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:330 Resp: 19790

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	36.2	27.7	41.5



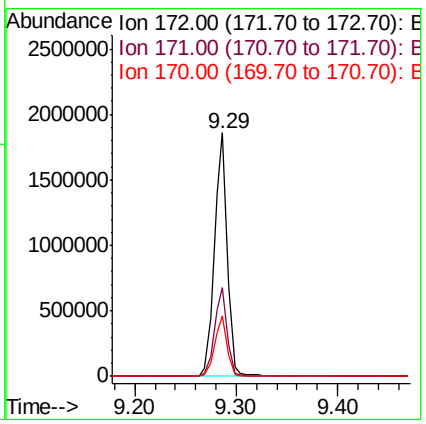


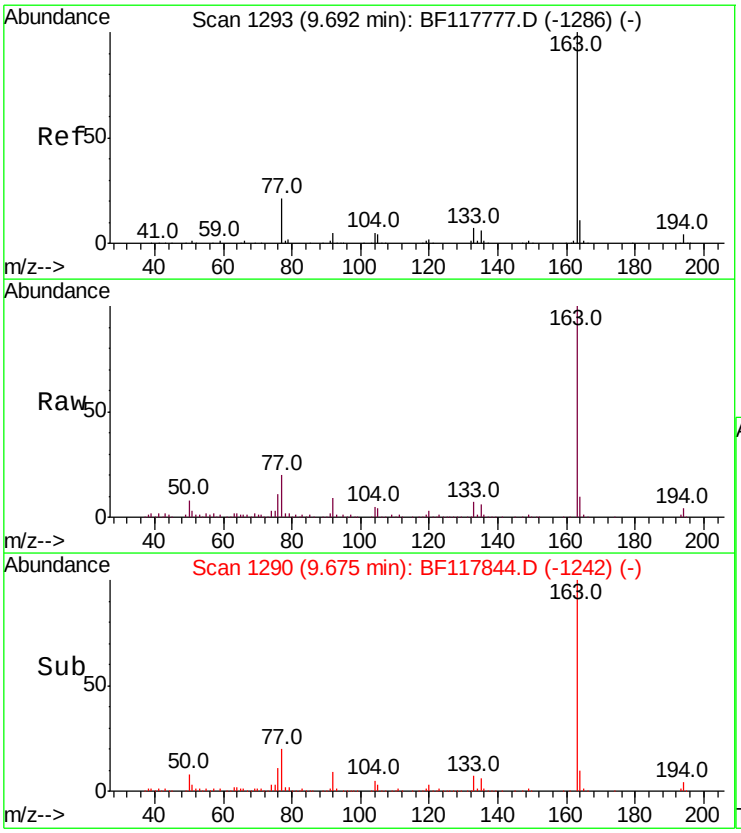
#45
2-Fluorobiphenyl
Concen: 66.113 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1633450

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	24.8	21.0	31.4

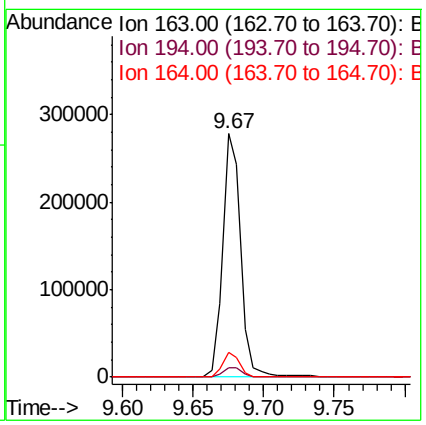


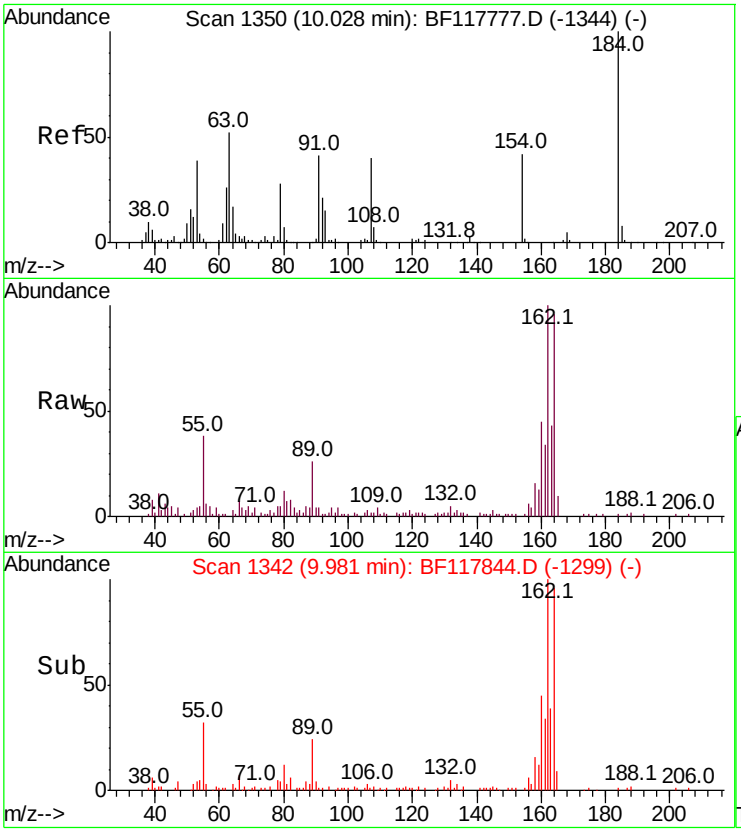


#50
Dimethylphthalate
Concen: 7.963 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:163 Resp: 247515

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.7	13.1



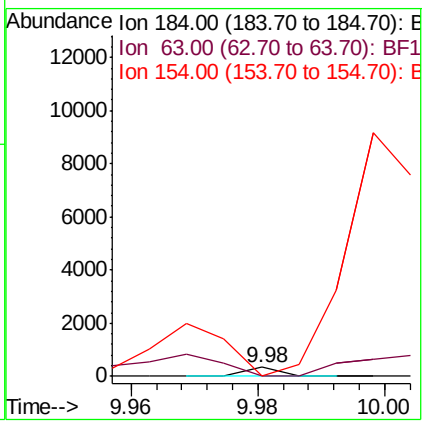


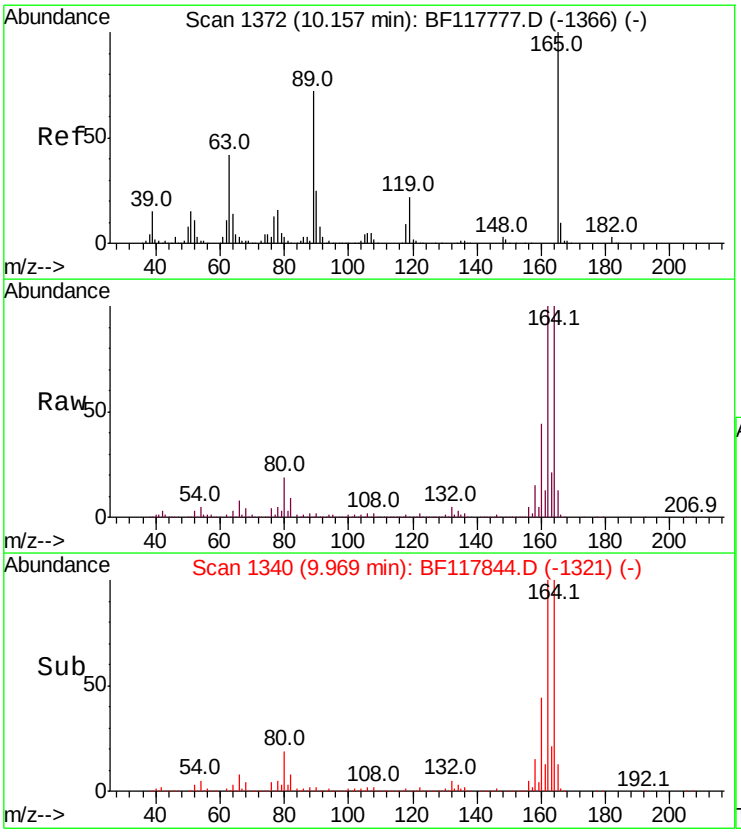
#54
2,4-Dinitrophenol
Concen: 7.256 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.05 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.0	64.6#
154	0.0	48.0	72.0#

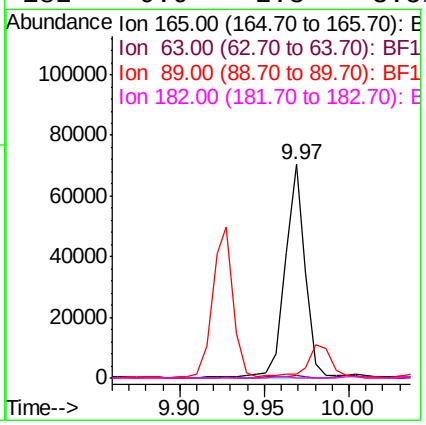


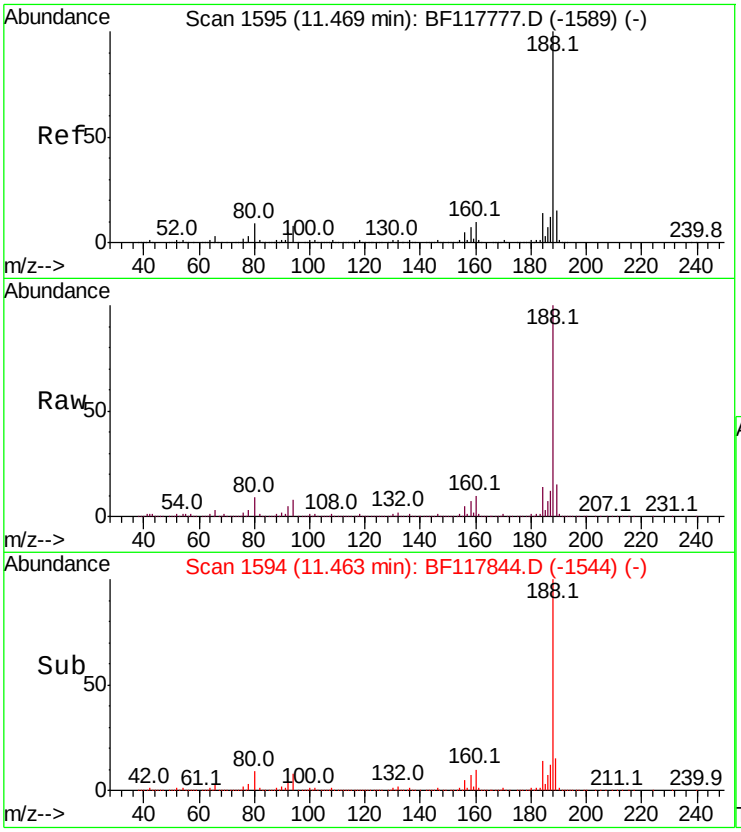


#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:165 Resp: 58602

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	2.0	57.3	85.9#
182	0.0	2.3	3.5#



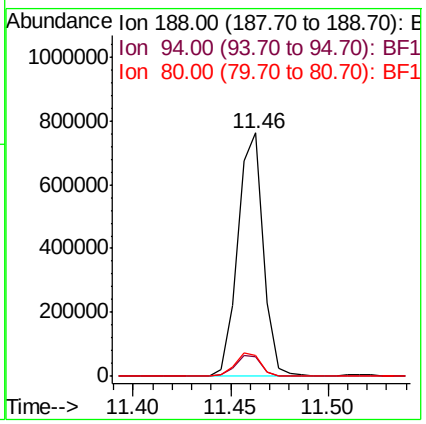


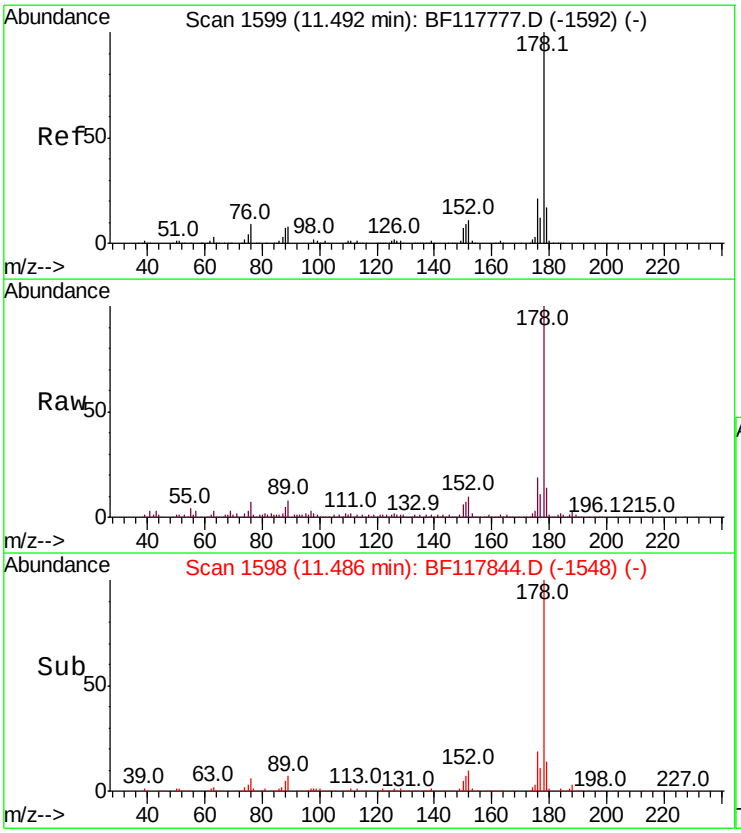
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 689637

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.7	7.2	10.8

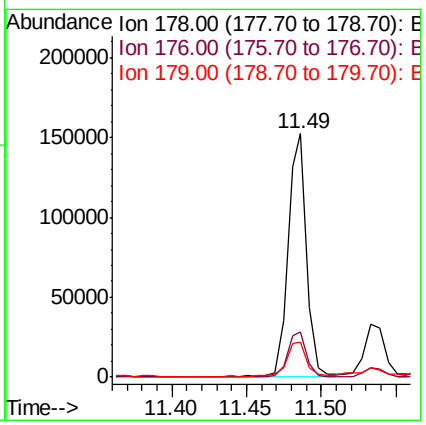


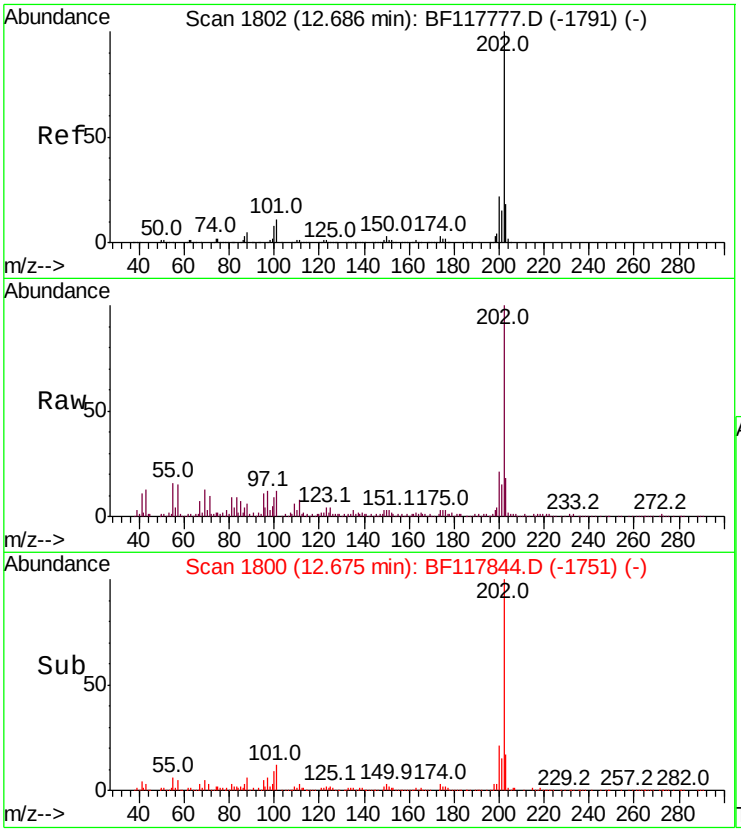


#71
Phenanthrene
Concen: 3.862 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:178 Resp: 133901

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	25.0
179	14.4	13.2	19.8



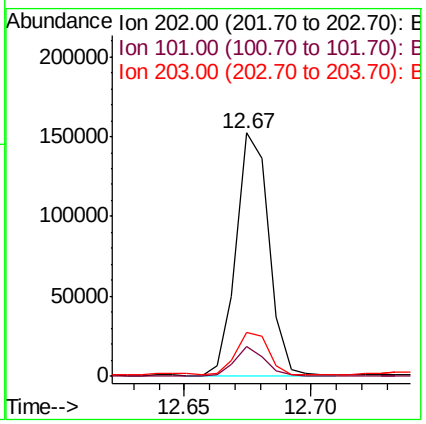


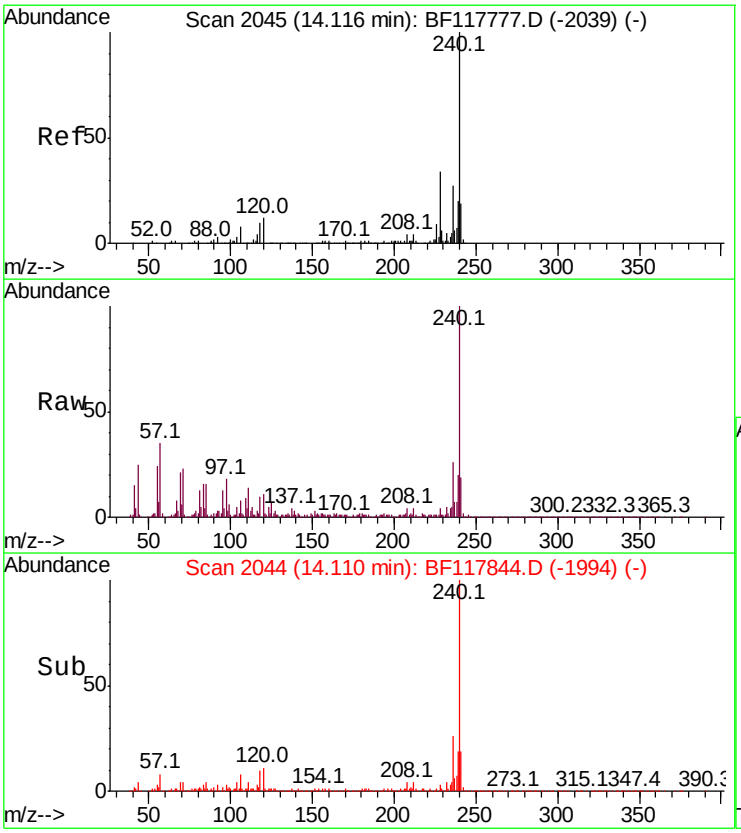
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 136530

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.1
203	17.9	0.0	38.2

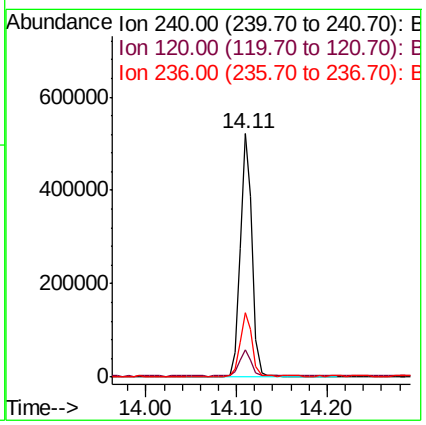


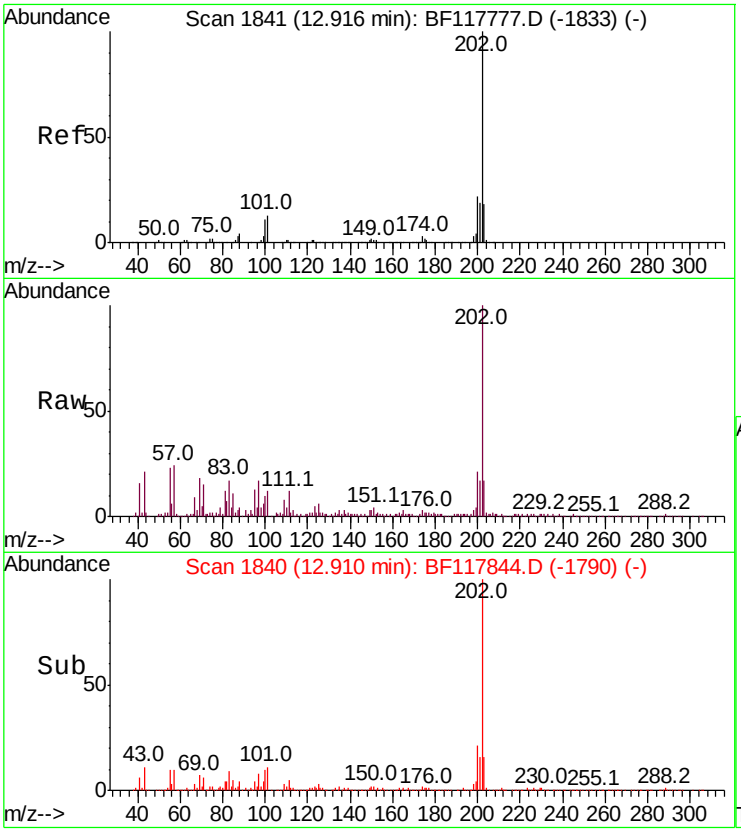


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:240 Resp: 474406

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.4	21.3	31.9



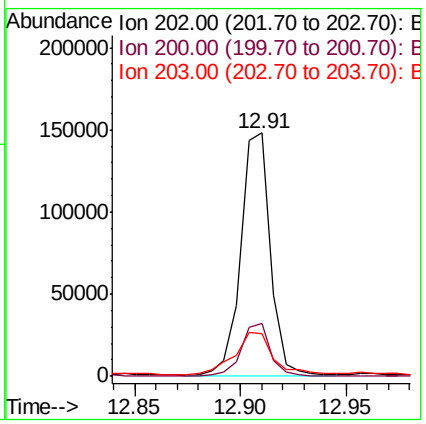


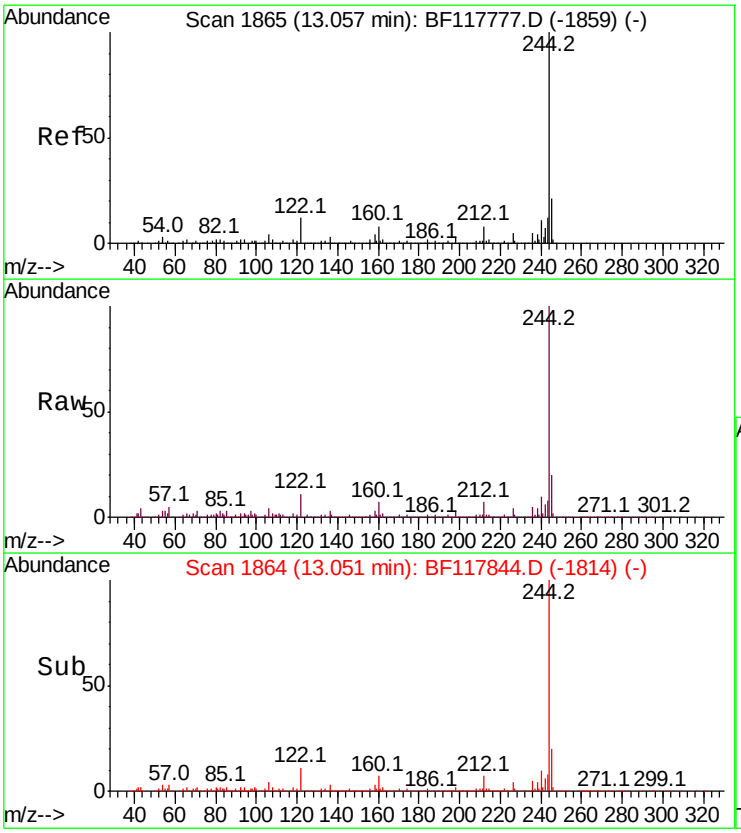
#78
Pyrene
Concen: 3.742 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 143459

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	17.3	14.6	22.0

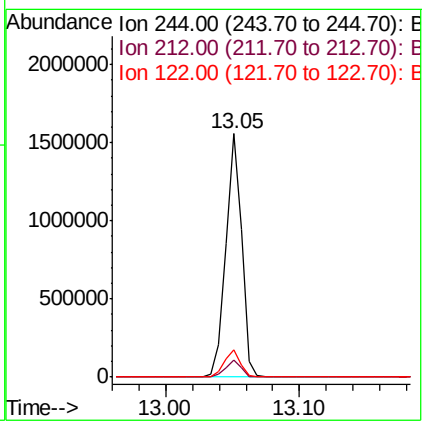


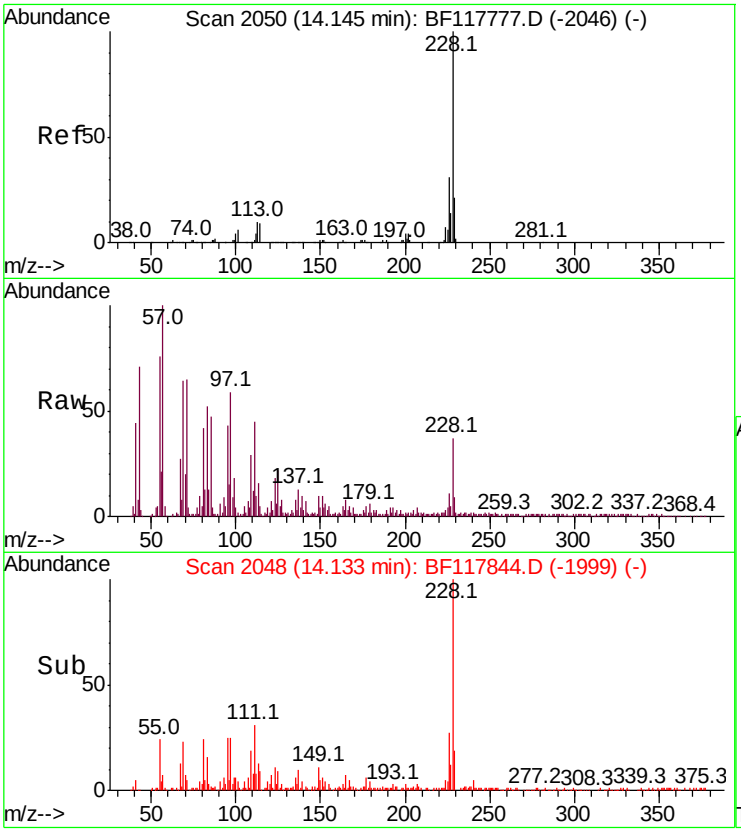


#79
Terphenyl-d14
Concen: 50.334 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:244 Resp: 1306566

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.1	9.4	14.2



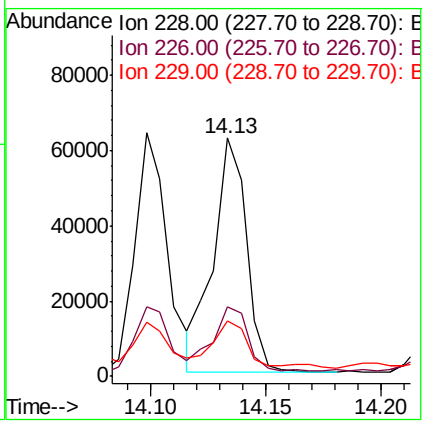


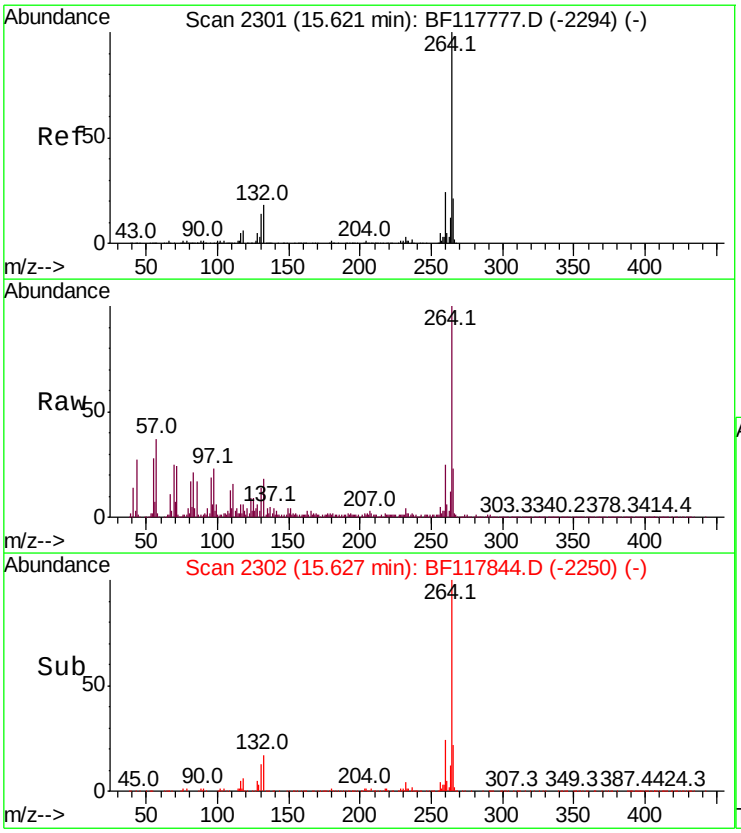
#83
Chrysene
Concen: 2.052 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 62325

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.4
229	23.3	16.6	25.0

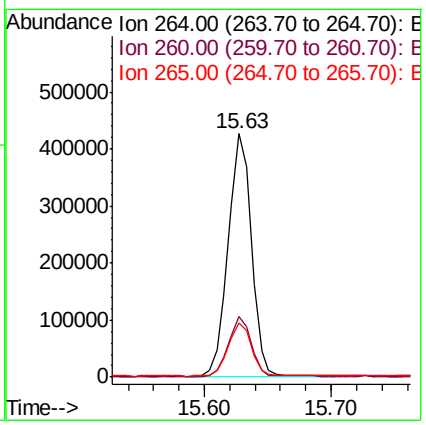


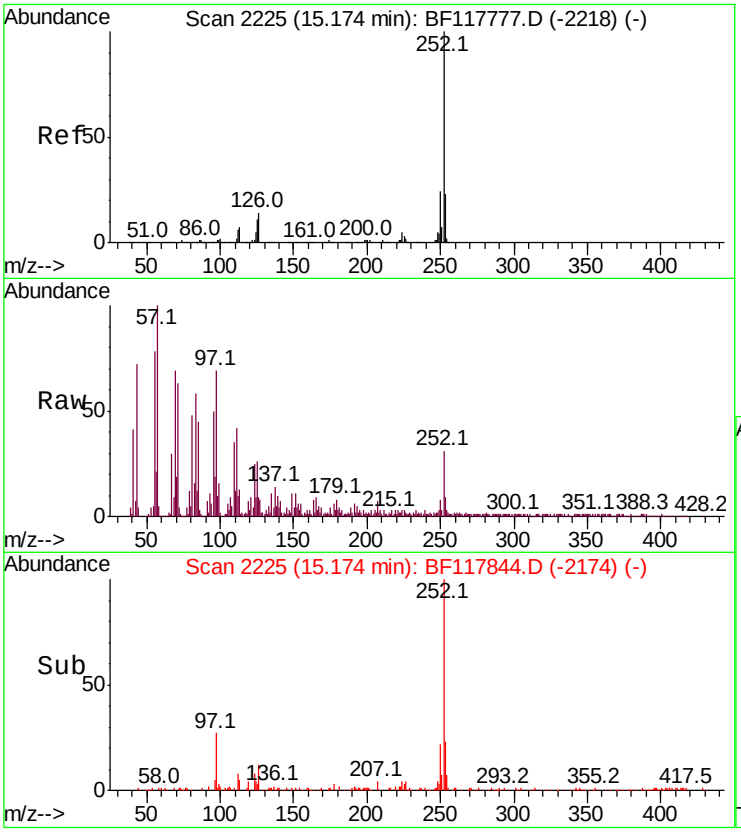


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:264 Resp: 535880

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.5	17.1	25.7



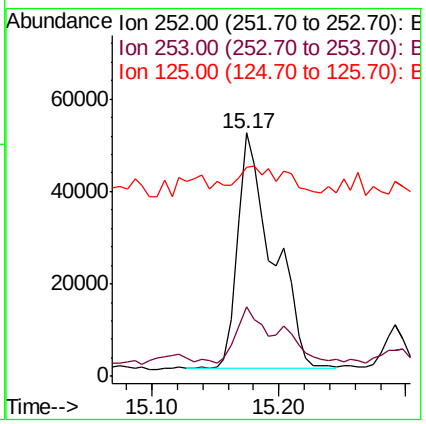


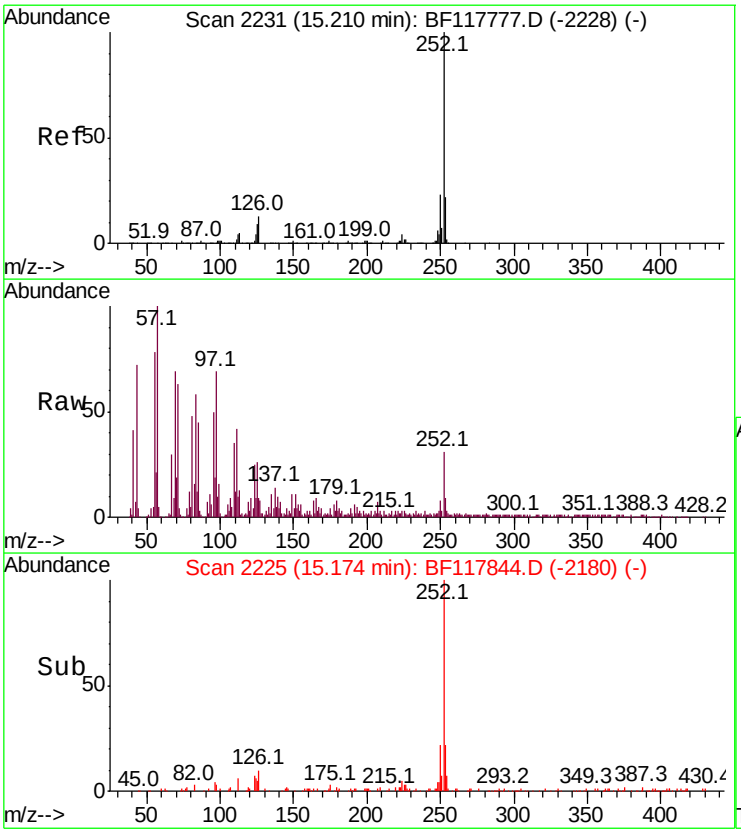
#88
Benzo(b)fluoranthene
Concen: 2.790 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 97151

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.0	27.0#
125	85.9	8.6	13.0#





#89
Benzo(k)fluoranthene
Concen: 2.961 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion:252 Resp: 97151

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.5	26.3#
125	85.9	7.9	11.9#