Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117357.D
Acq On : 9 Oct 2019 16:12
Operator : JU
Sample : K5284-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-016-ABCD

Quant Time: Oct 09 23:09:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	44940	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	180561	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	90216	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	125588	20.00	ng		0.00
76) Chrysene-d12	13.97	240	90751	20.00	ng		0.00
87) Perylene-d12	15.43	264	106777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	228406	79.35	ng		0.00
7) Phenol-d6	6.45	99	328146	88.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	203101	59.10	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	57969	76.88	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	356439	61.78	ng		0.00
79) Terphenyl-d14	12.90	244	257707	53.08	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	11418	2.784	ng	#	75
50) Dimethylphthalate	9.55	163	68579	10.736	ng		100
71) Phenanthrene	11.34	178	42880	6.011	ng		99
72) Anthracene	11.40	178	16470	2.262	ng		97
75) Fluoranthene	12.54	202	74807	10.206	ng		100
78) Pyrene	12.77	202	72679	9.545	ng		96
81) Benzo(a)anthracene	13.96	228	32914	5.428	ng		97
83) Chrysene	13.99	228	30787	5.206	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	14794	3.429	ng		94
88) Benzo(b)fluoranthene	15.01	252	35327m	5.462	ng		
89) Benzo(k)fluoranthene	15.03	252	14856m	2.425	ng		
90) Benzo(a)pyrene	15.37	252	30334	5.345	ng	#	96
92) Benzo(g,h,i)perylene	17.33	276	13378	2.969	ng	#	88

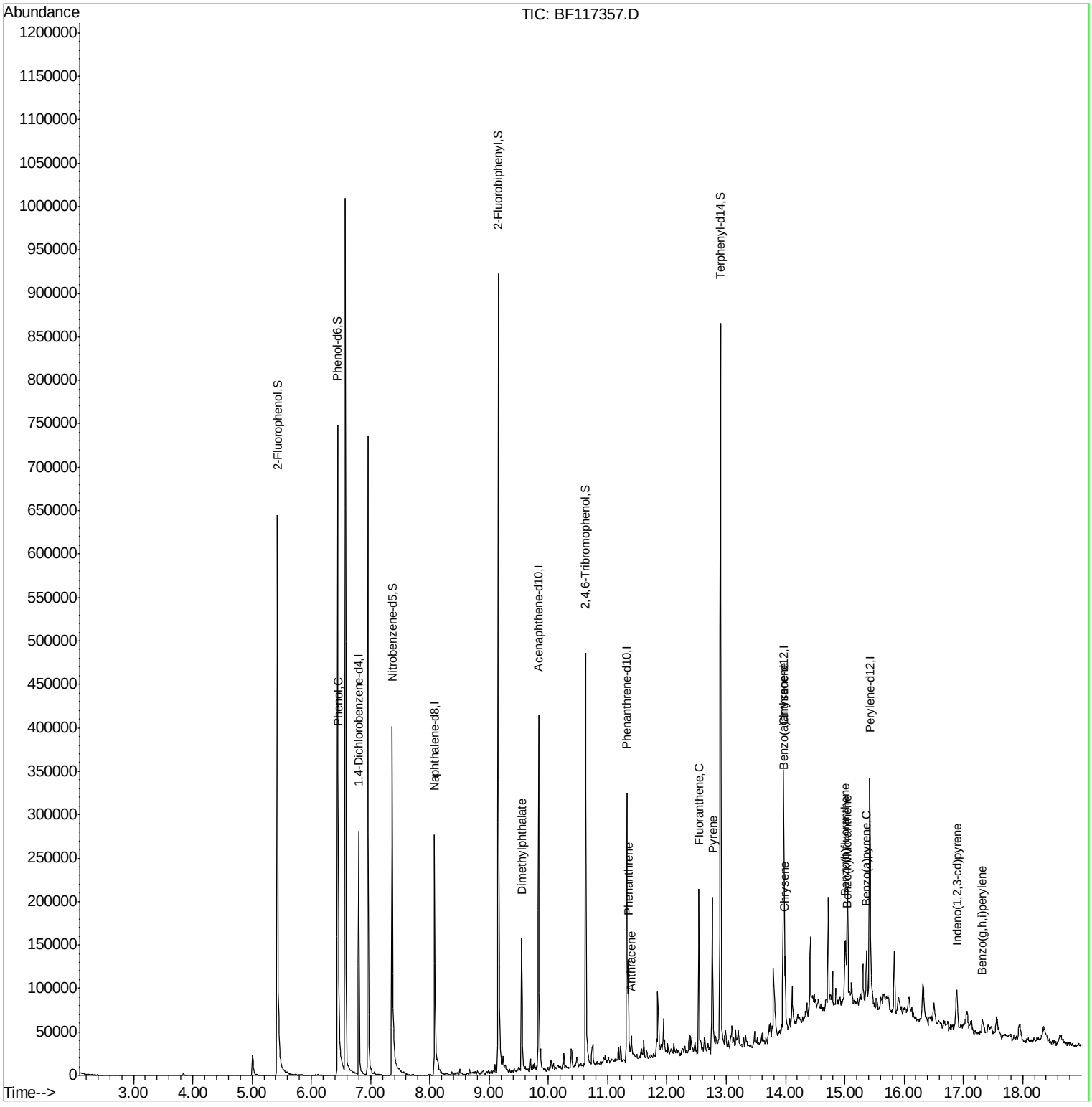
(#) = qualifier out of range (m) = manual integration (+) = signals summed

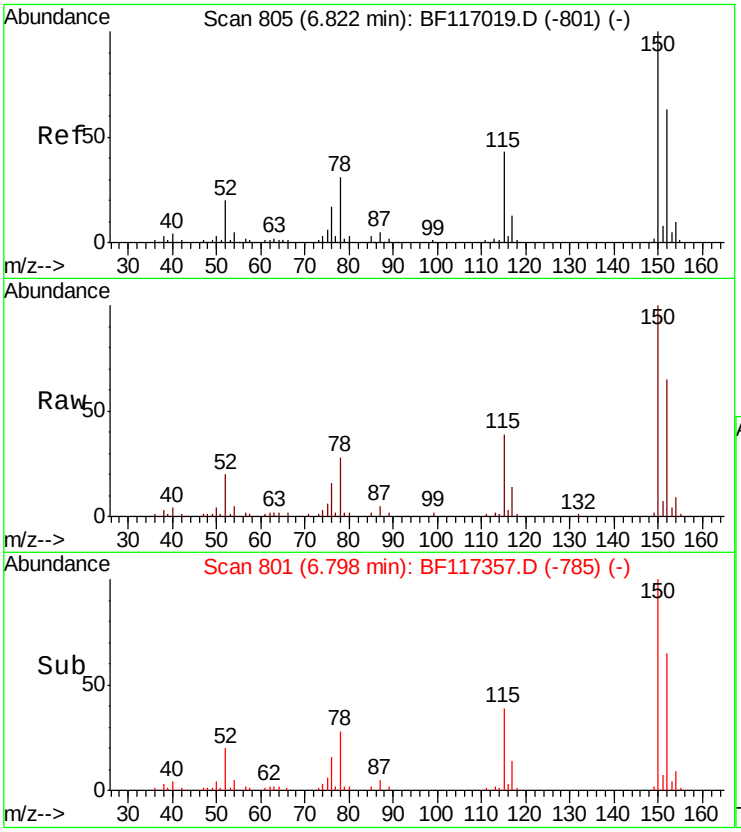
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117357.D
Acq On : 9 Oct 2019 16:12
Operator : JU
Sample : K5284-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Quant Time: Oct 09 23:09:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration



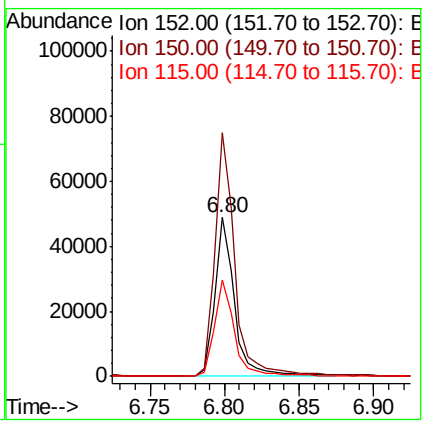


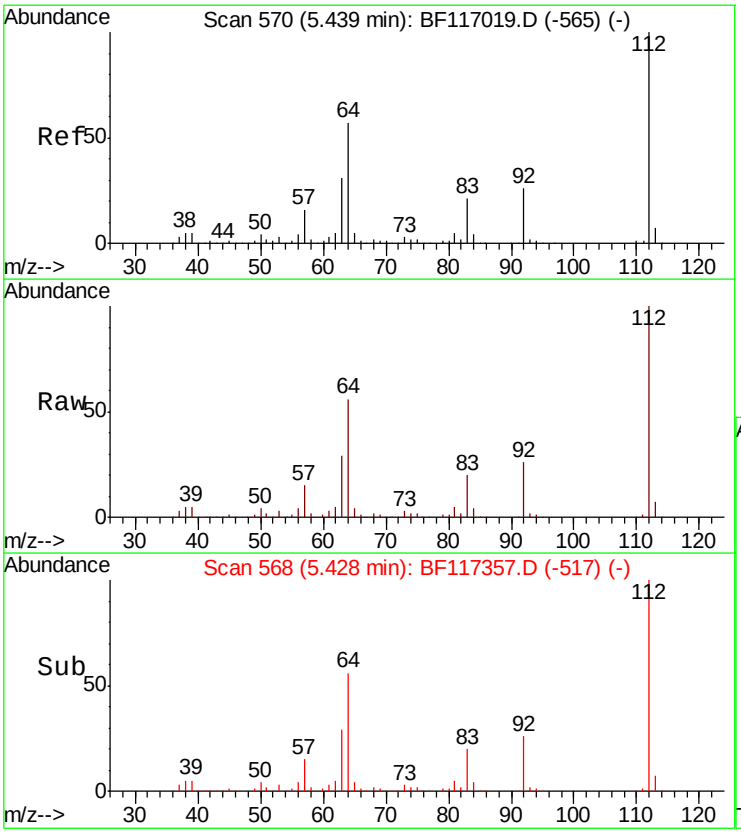
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:152 Resp: 44940

Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.5	191.3
115	60.3	55.0	82.4

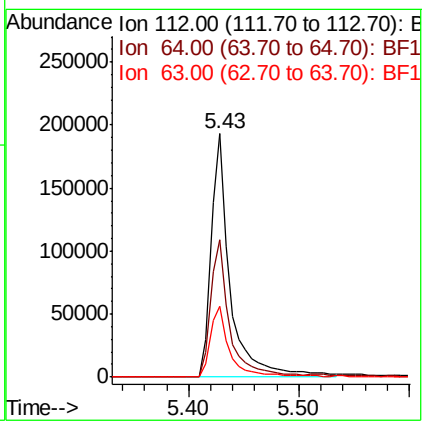


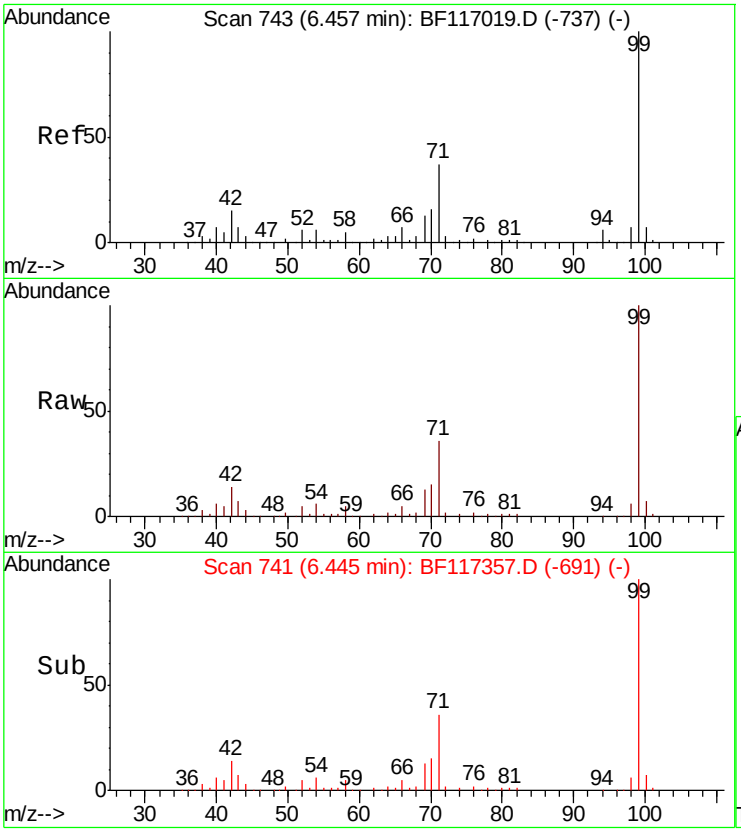


#5
2-Fluorophenol
Concen: 79.350 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:112 Resp: 228406

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	28.9	24.9	37.3



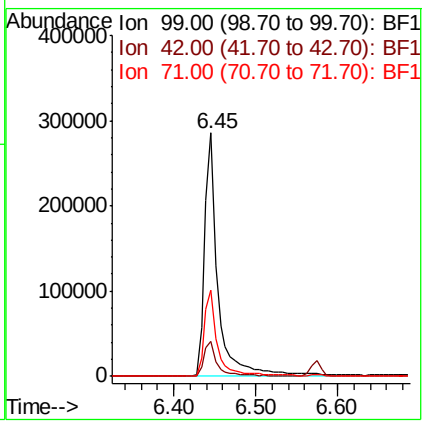


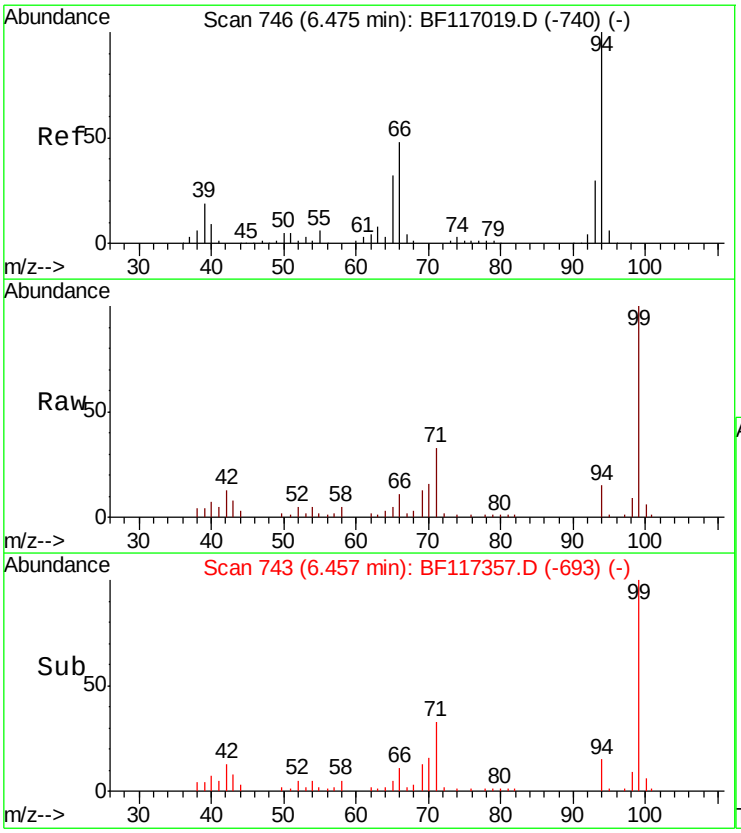
#7
Phenol-d6
Concen: 88.211 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion: 99 Resp: 328146

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	35.5	29.8	44.8

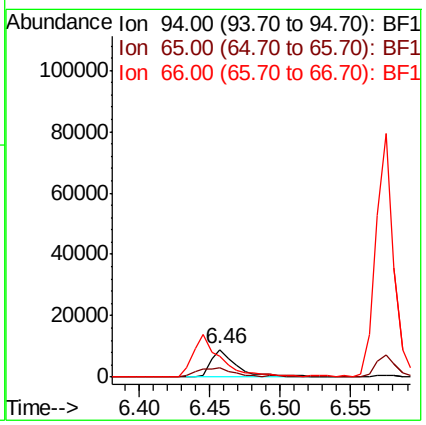


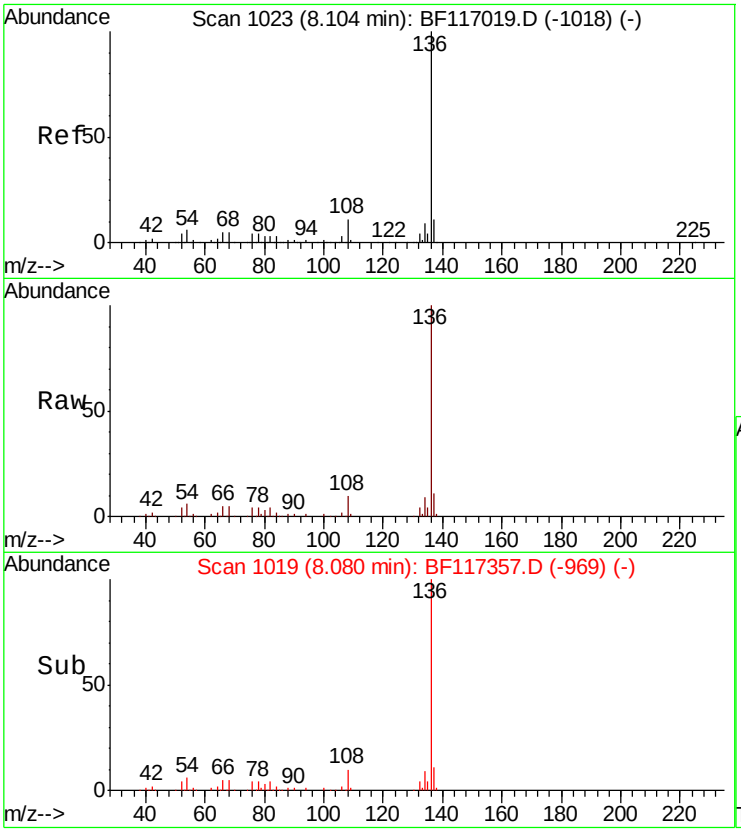


#10
Phenol
Concen: 2.784 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion: 94 Resp: 11418

Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.5	52.5
66	75.0	28.9	68.9#



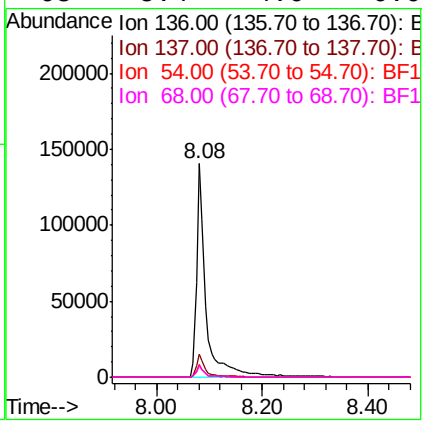


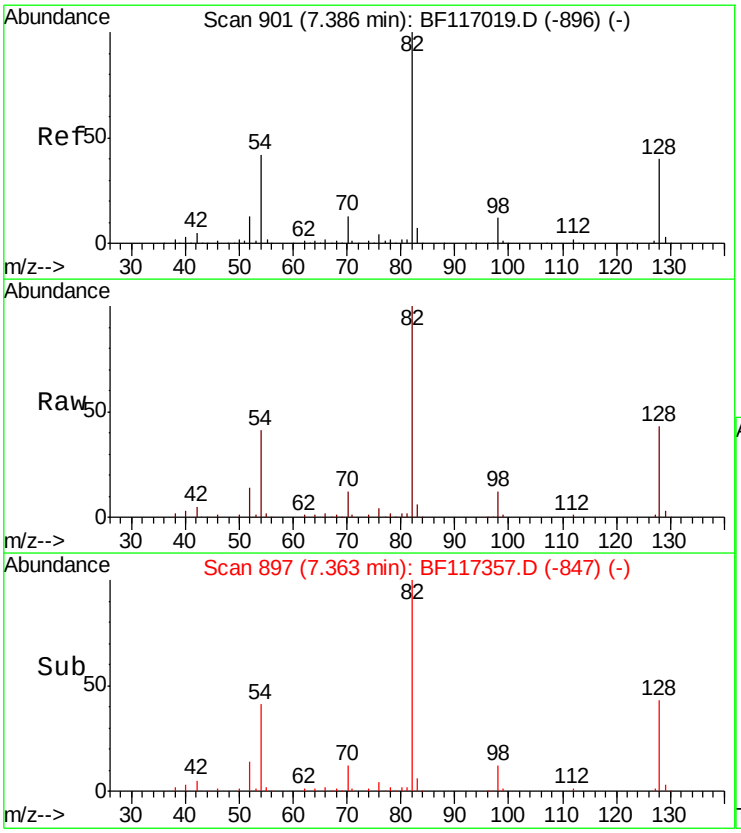
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:136 Resp: 180561

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	4.5	6.7
68	5.4	4.0	6.0

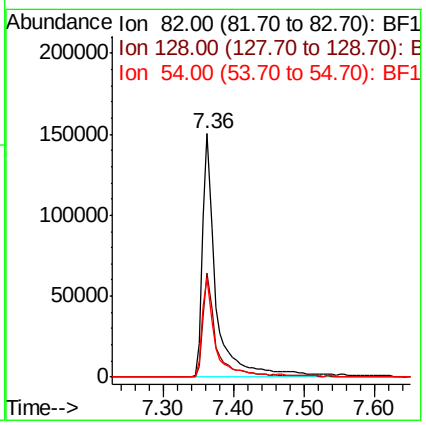


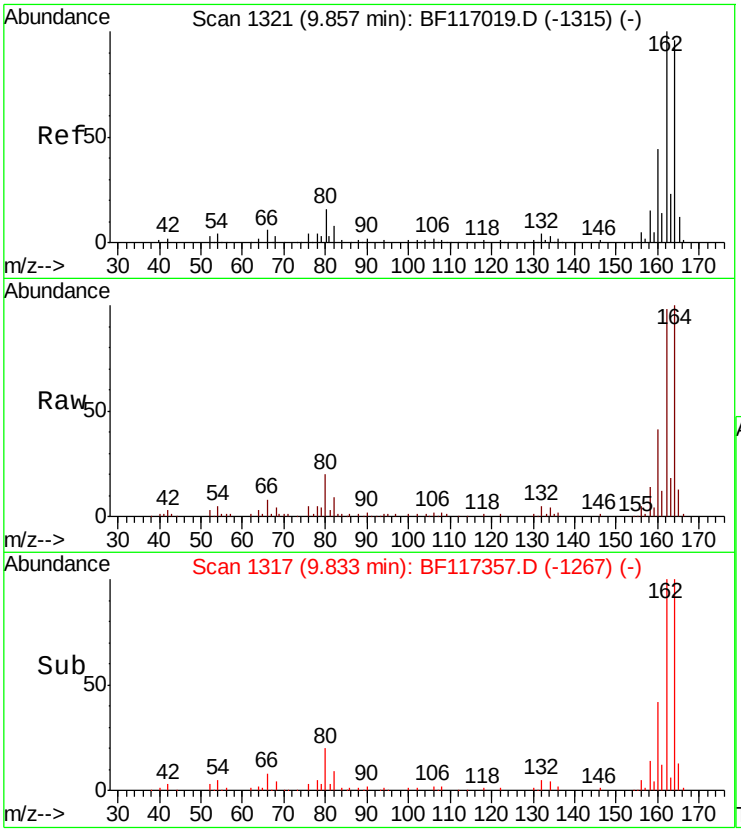


#23
Nitrobenzene-d5
Concen: 59.101 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion: 82 Resp: 203101

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	40.9	33.3	49.9



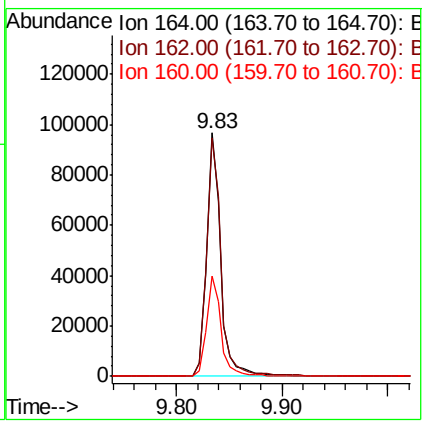


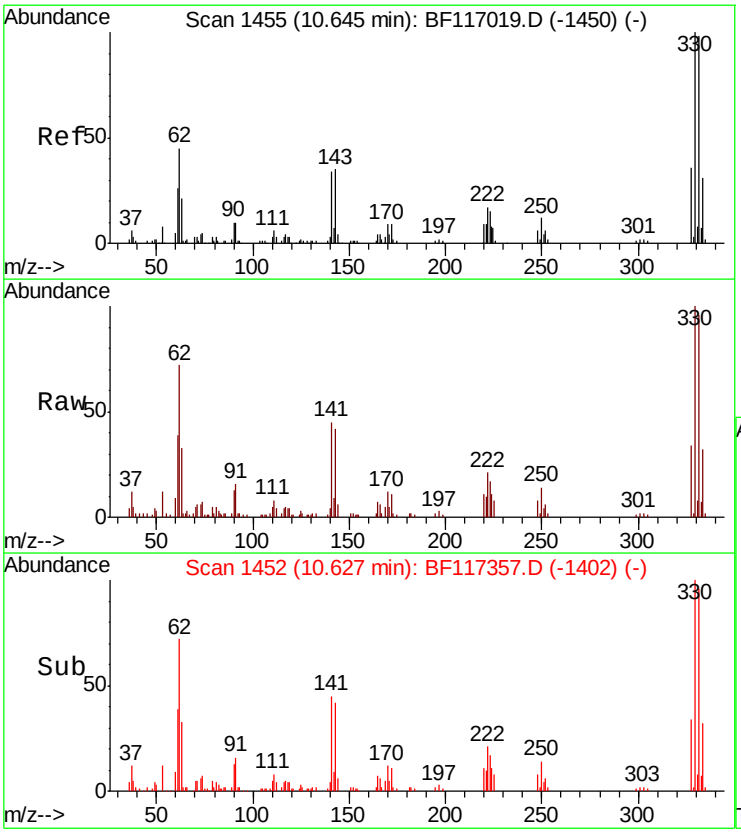
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:164 Resp: 90216

Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.4	125.2
160	41.4	36.4	54.6

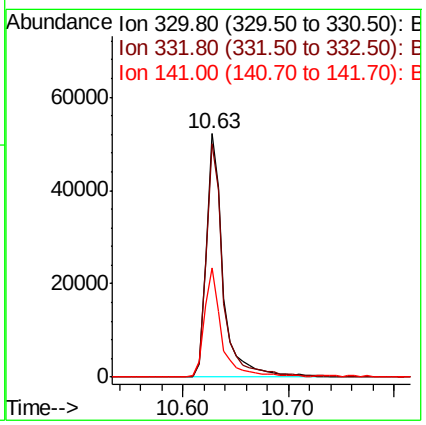


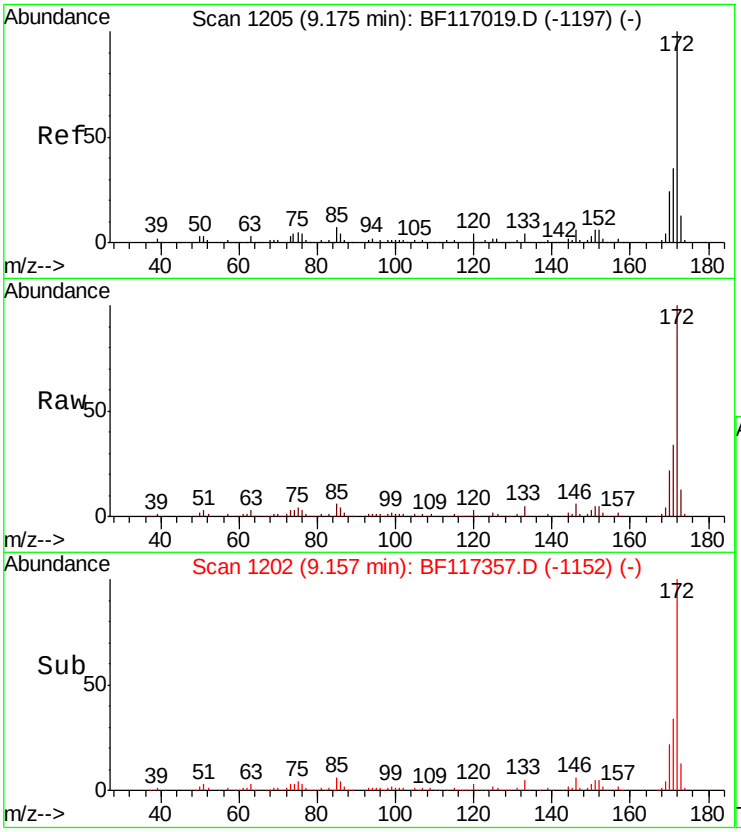


#42
2,4,6-Tribromophenol
Concen: 76.882 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:330 Resp: 57969

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	45.8	35.8	53.6



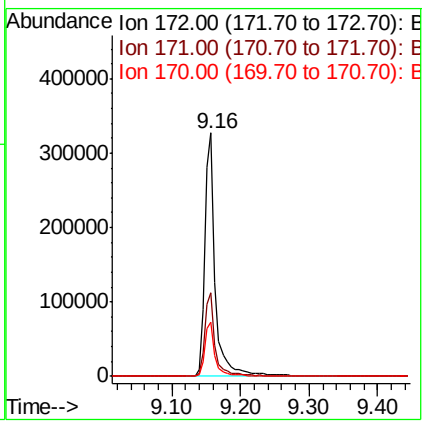


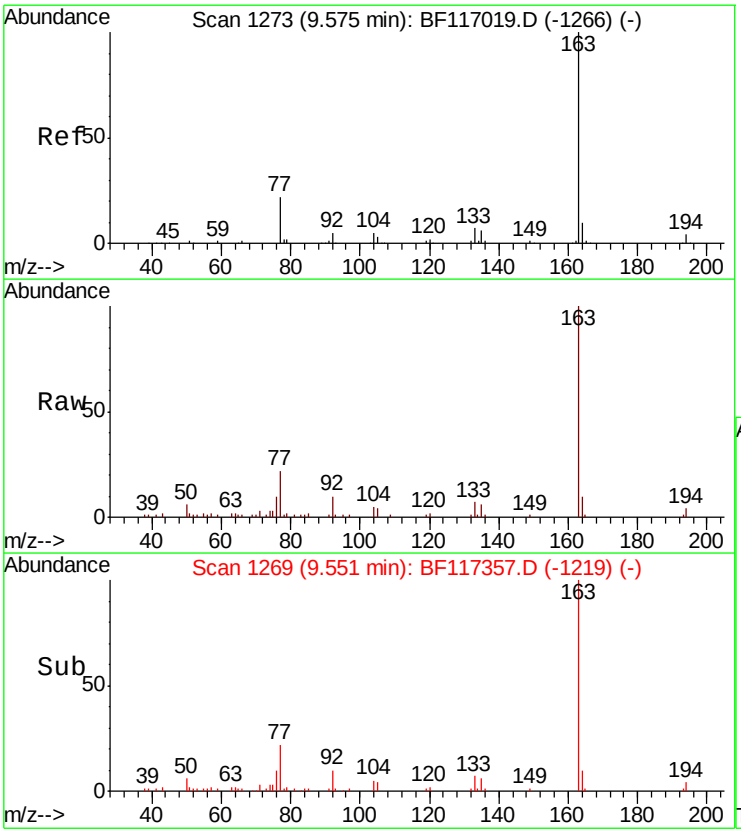
#45
2-Fluorobiphenyl
Concen: 61.776 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:172 Resp: 356439

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.3	18.9	28.3

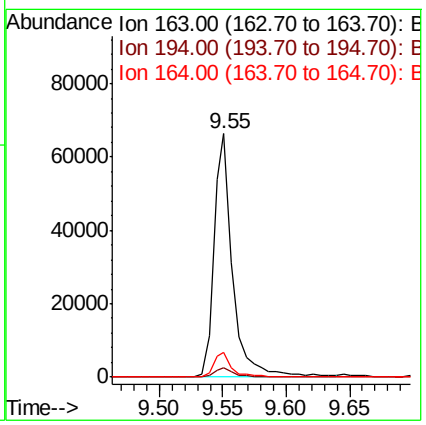


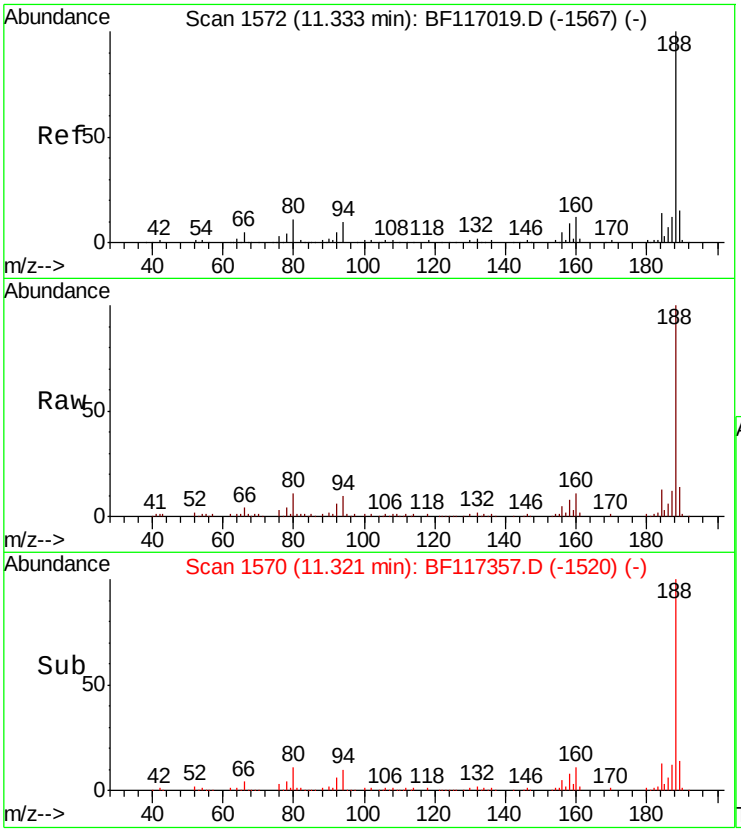


#50
Dimethylphthalate
Concen: 10.736 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:163 Resp: 68579

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.4	8.2	12.4



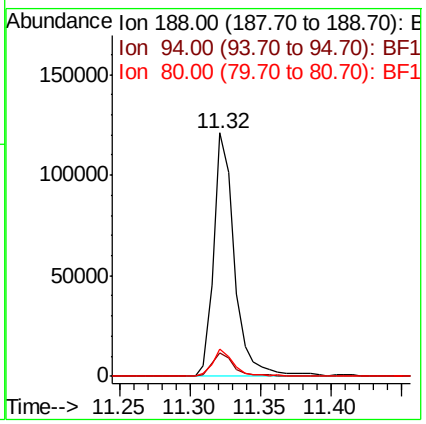


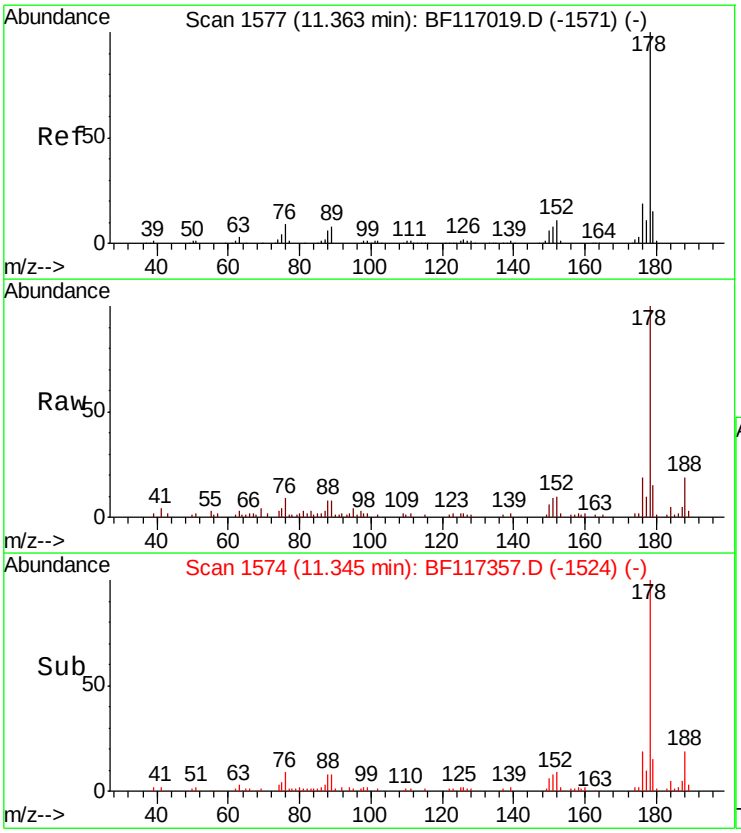
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:188 Resp: 125588

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	11.0	9.0	13.6

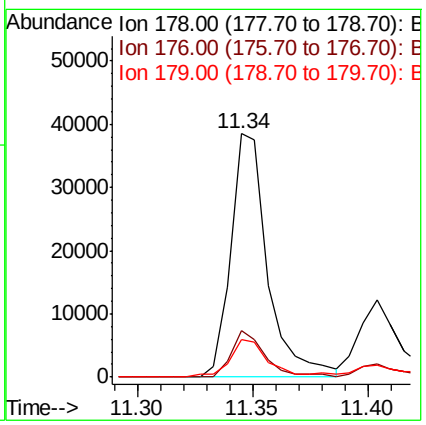


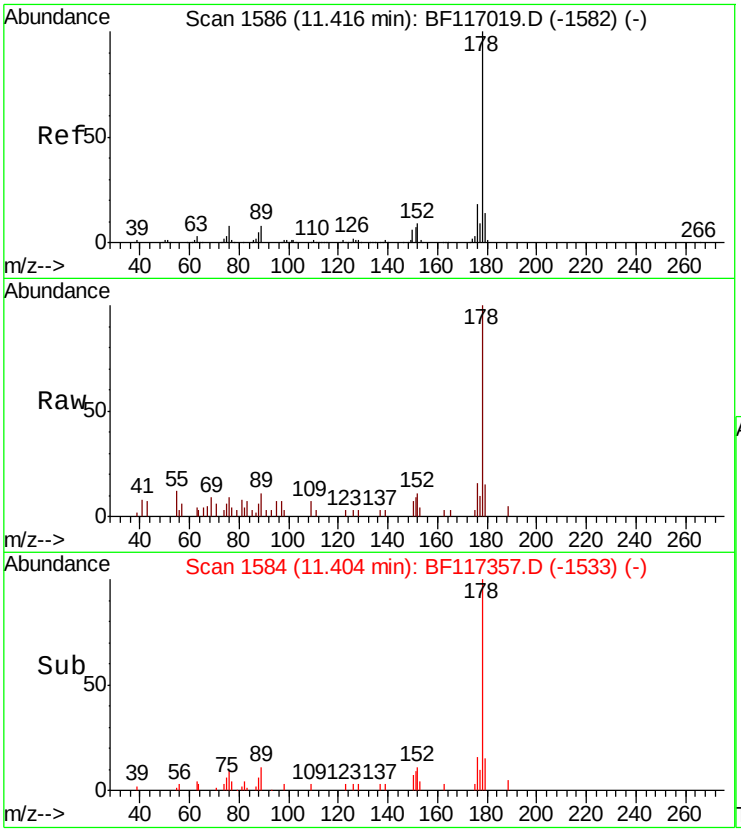


#71
Phenanthrene
Concen: 6.011 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:178 Resp: 42880

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.4	18.6



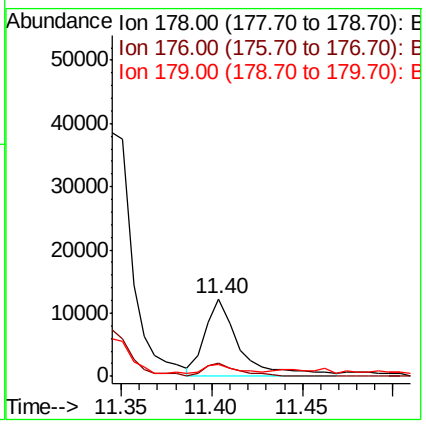


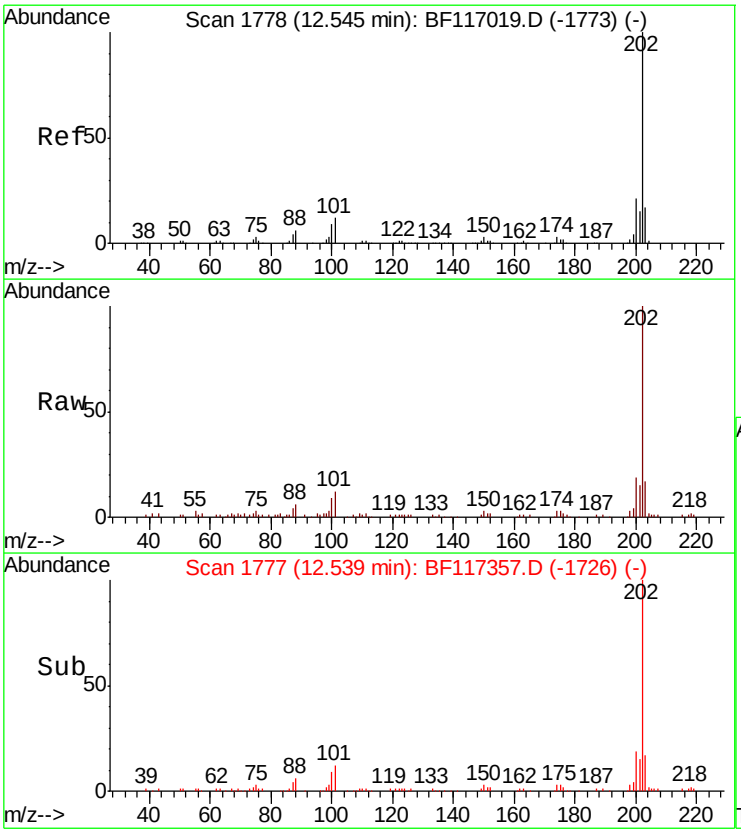
#72
Anthracene
Concen: 2.262 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:178 Resp: 16470

Ion	Ratio	Lower	Upper
178	100		
176	16.4	14.6	21.8
179	14.9	11.6	17.4

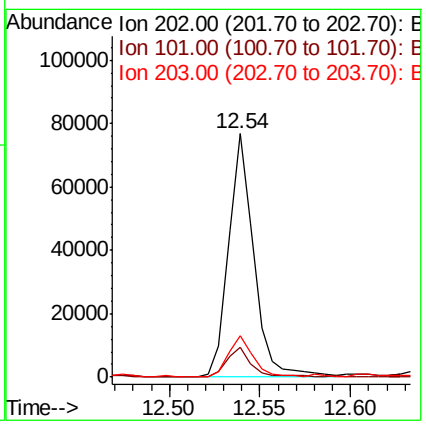


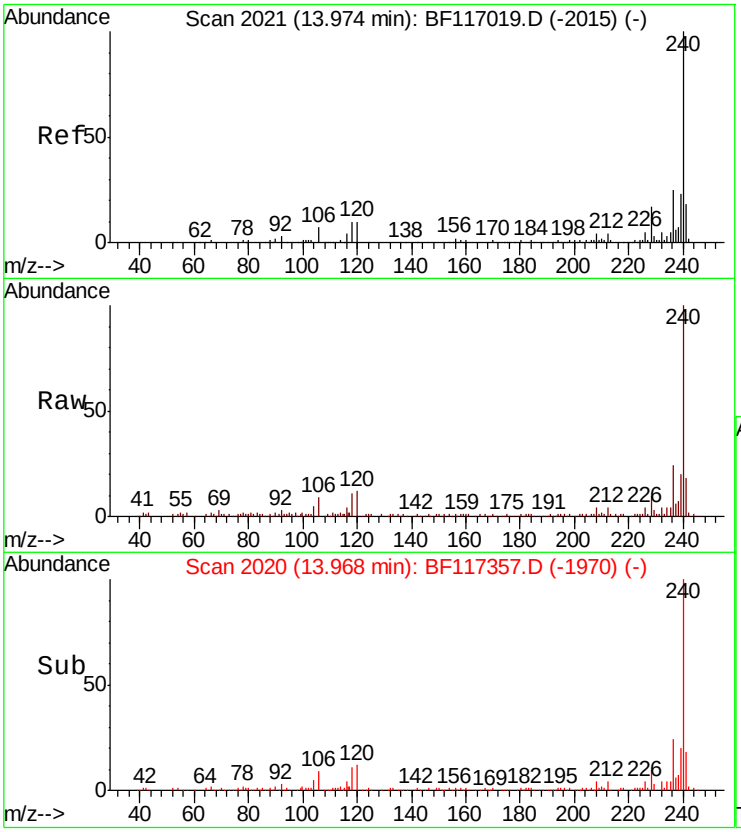


#75
Fluoranthene
Concen: 10.206 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:202 Resp: 74807

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
203	17.2	0.0	37.1



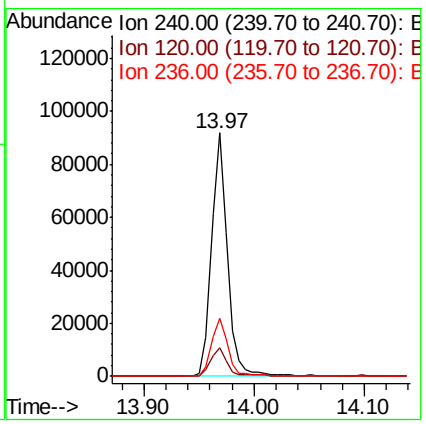


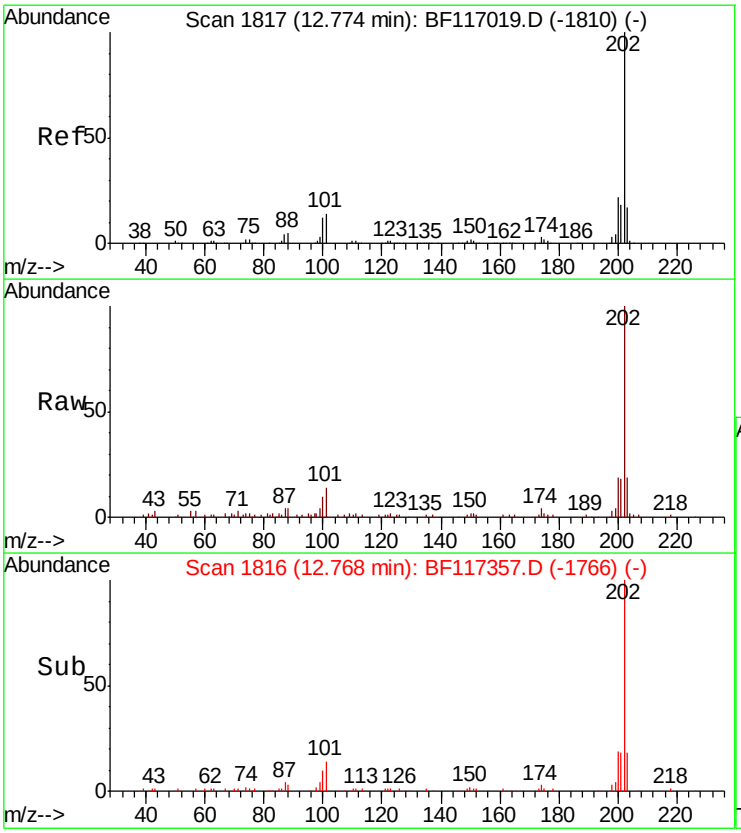
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:240 Resp: 90751

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	23.6	20.3	30.5

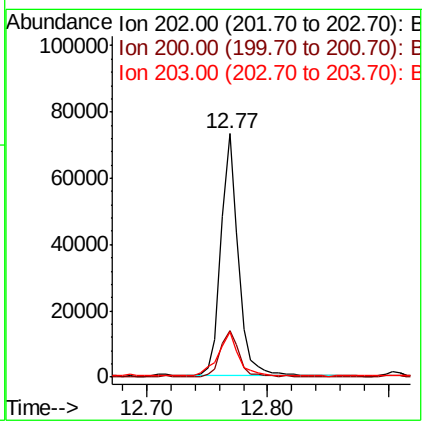


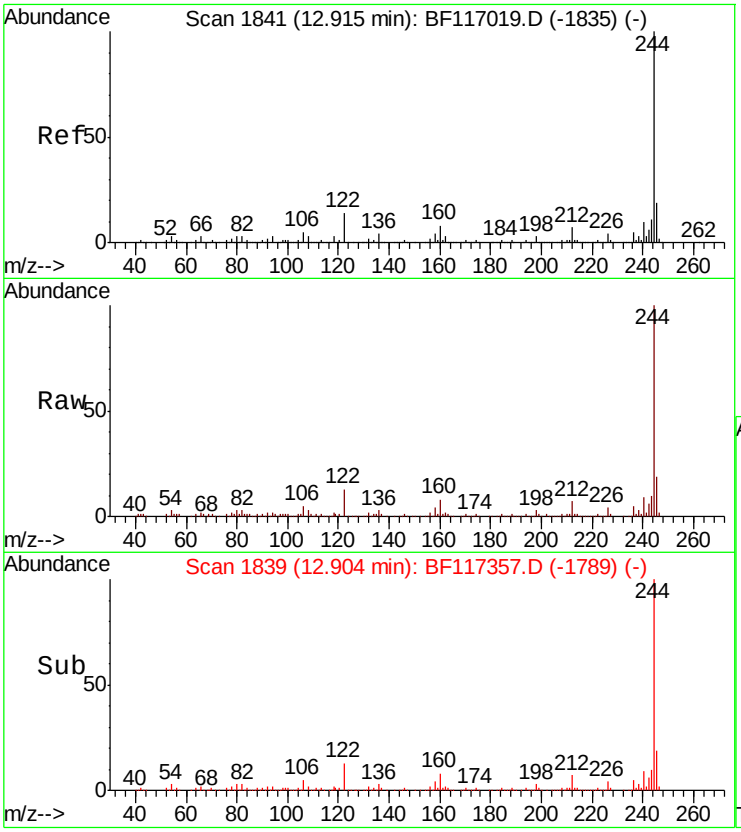


#78
Pyrene
Concen: 9.545 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:202 Resp: 72679

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.2	25.8
203	18.7	14.0	21.0



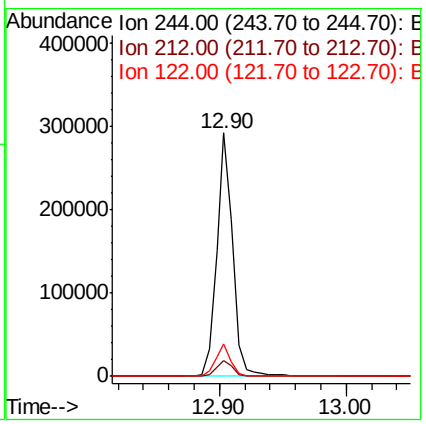


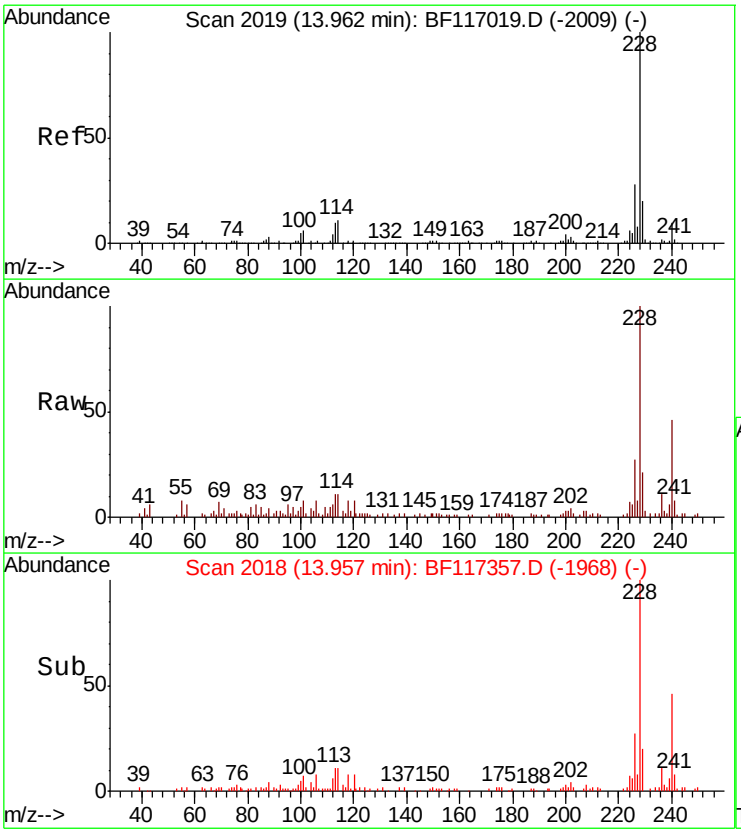
#79
Terphenyl-d14
Concen: 53.081 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:244 Resp: 257707

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.1	11.3	16.9

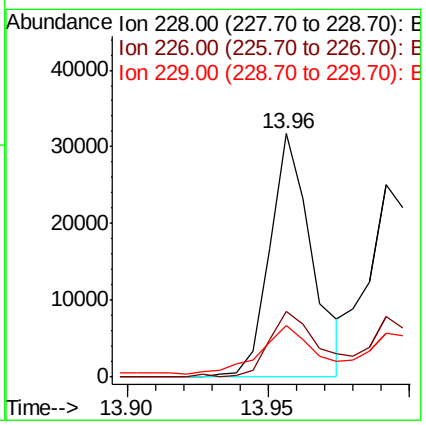


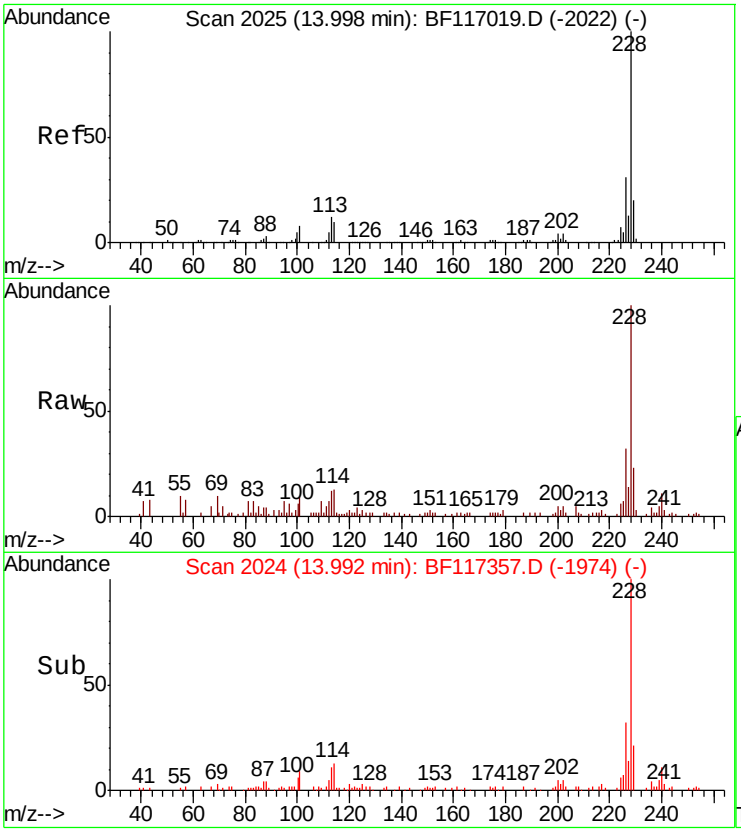


#81
Benzo(a)anthracene
Concen: 5.428 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:228 Resp: 32914

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	21.4	15.9	23.9



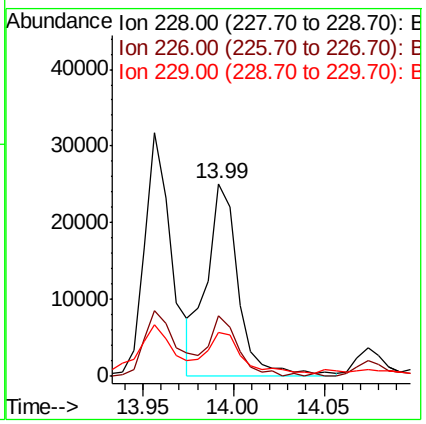


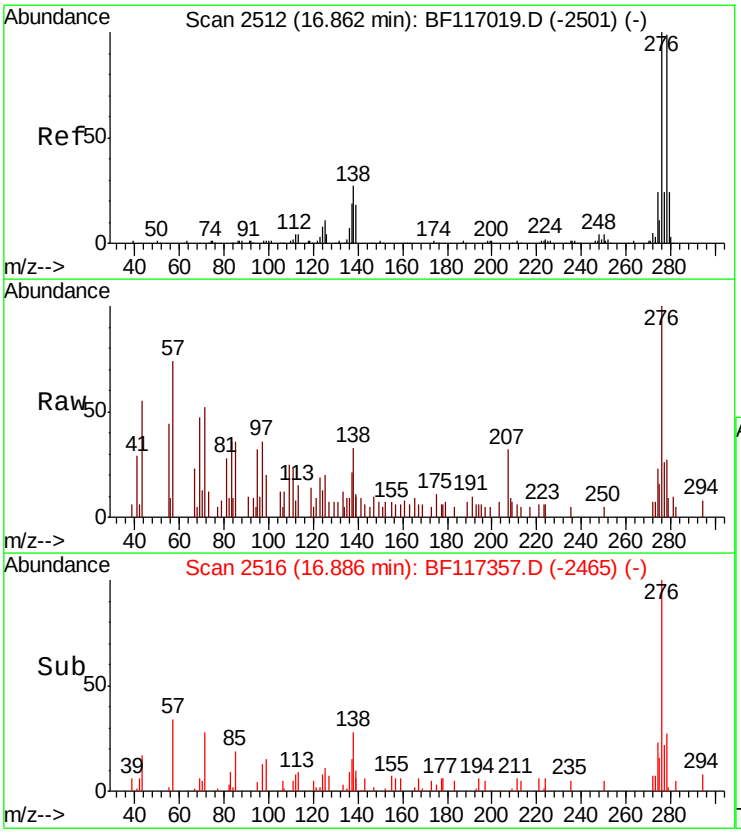
#83
Chrysene
Concen: 5.206 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:228 Resp: 30787

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	22.8	15.8	23.8

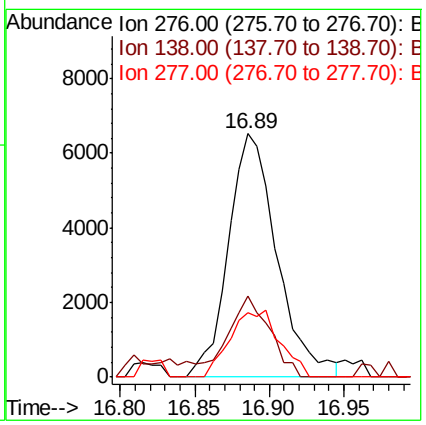


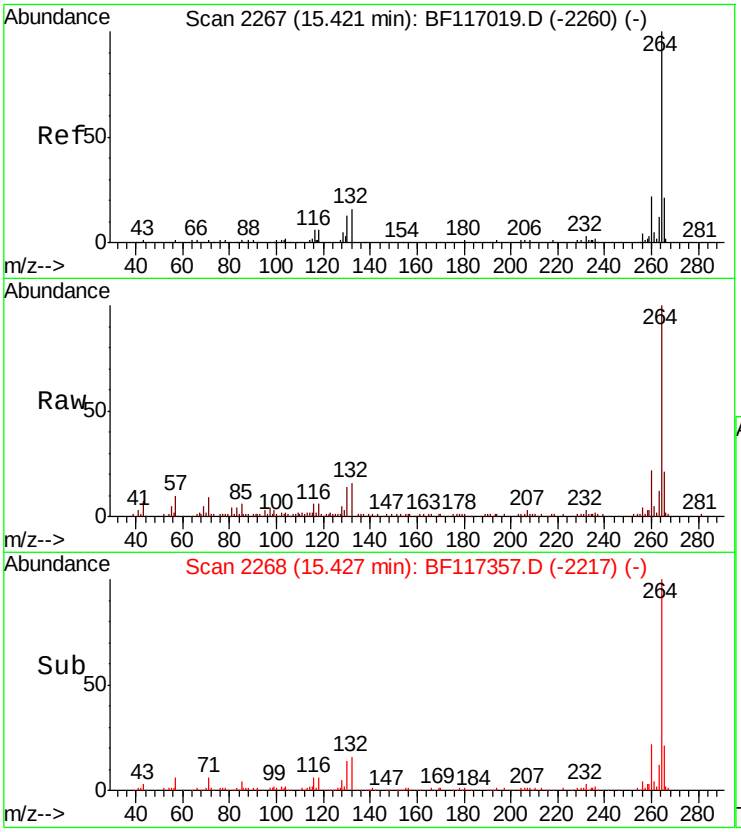


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.429 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:276 Resp: 14794

Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.7	31.1
277	27.9	19.8	29.8



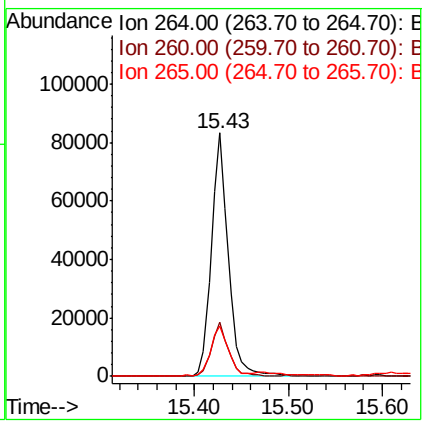


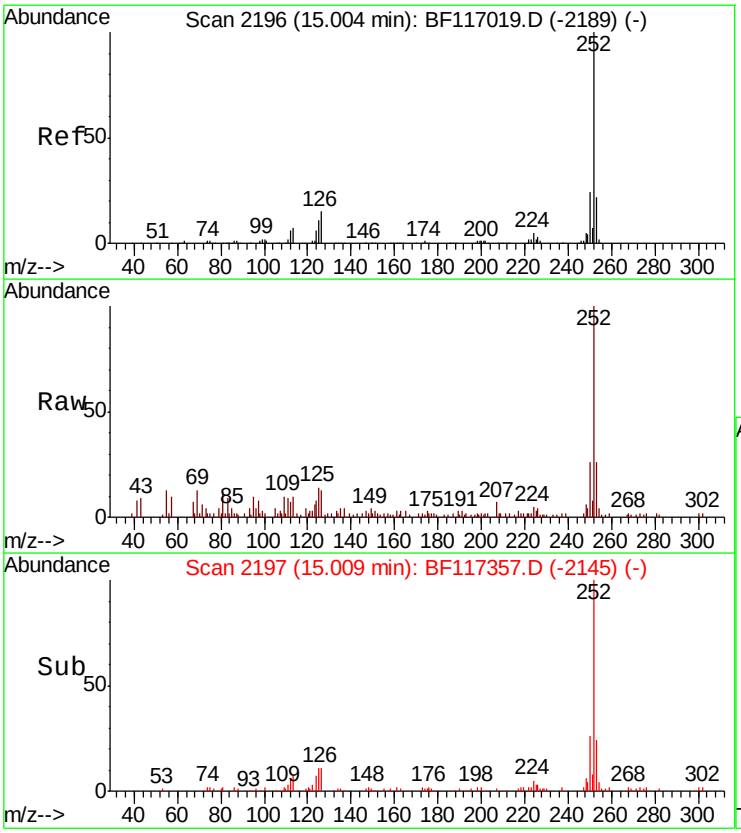
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:264 Resp: 106777

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	20.9	16.6	24.8

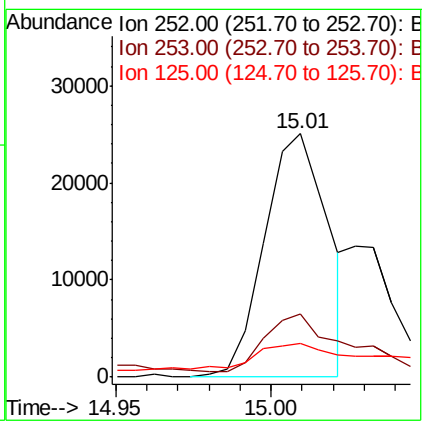


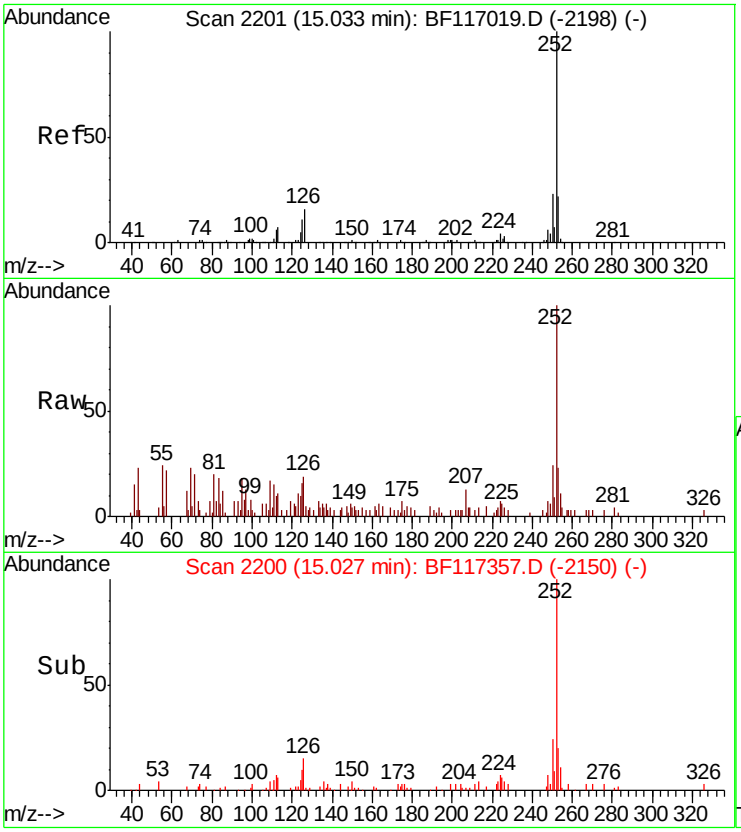


#88
Benzo(b)fluoranthene
Concen: 5.462 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:252 Resp: 35327

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	13.9	8.6	12.8#



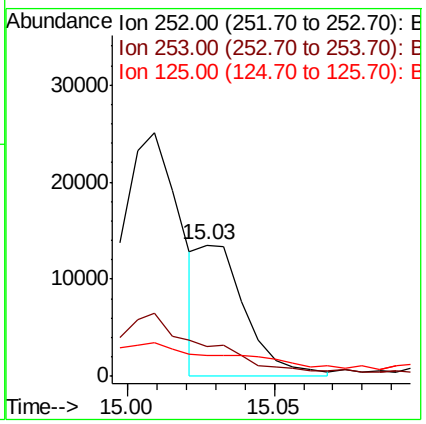


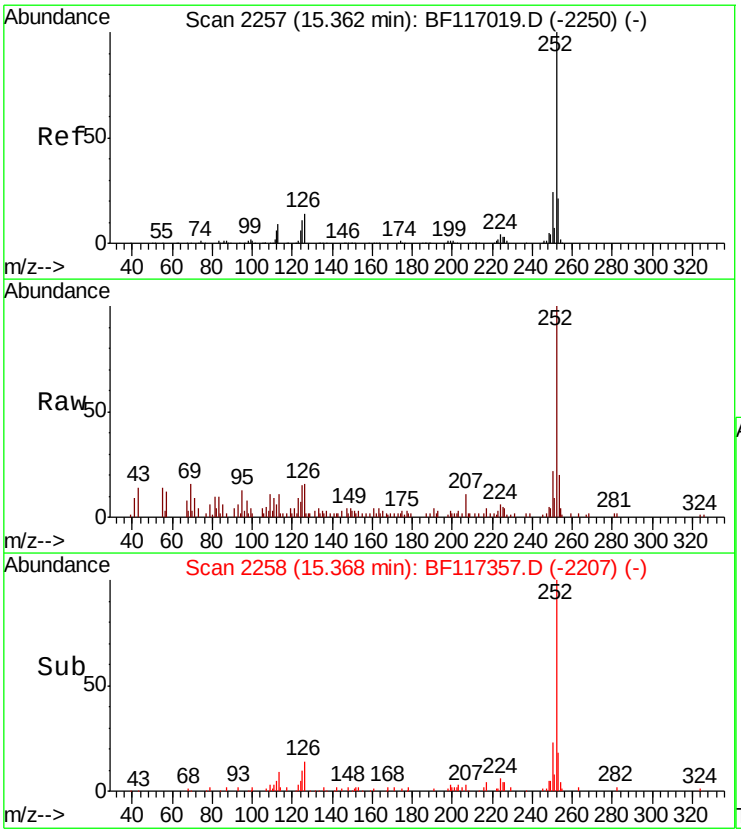
#89
Benzo(k)fluoranthene
Concen: 2.425 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:252 Resp: 14856

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	15.5	8.8	13.2#

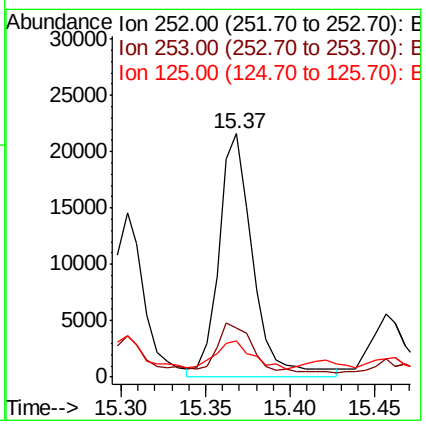


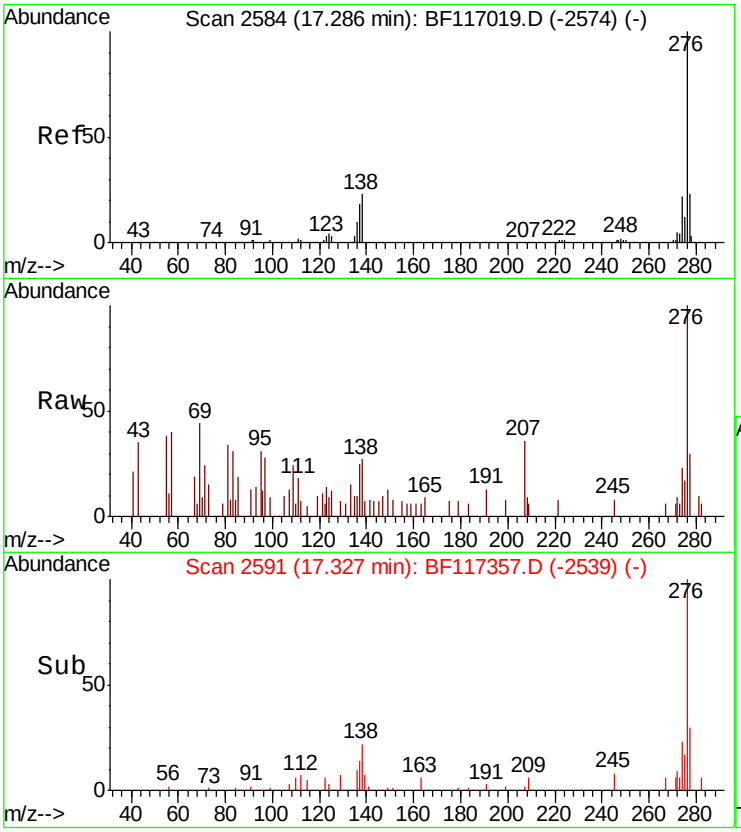


#90
Benzo(a)pyrene
Concen: 5.345 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Tgt Ion:252 Resp: 30334

Ion	Ratio	Lower	Upper
252	100		
253	20.2	16.6	25.0
125	14.6	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 2.969 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF117357.D
Acq: 9 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

Tgt Ion:276 Resp: 13378

Ion	Ratio	Lower	Upper
276	100		
277	29.9	18.6	27.8#
138	27.4	18.0	27.0#