Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113124.D
Acq On : 19 Mar 2019 14:38
Operator : JU/SJ
Sample : K1697-09RE 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 16:45:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146787	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	518662	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	242742	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	466913	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	315396	20.00	ng		0.00
87) Perylene-d12	15.27	264	335926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	106478	11.28	ng		-0.01
7) Phenol-d6	6.36	99	134741	11.37	ng		-0.01
23) Nitrobenzene-d5	7.27	82	80247	9.26	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	33295	12.92	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	148949	6.90	ng		-0.02
79) Terphenyl-d14	12.82	244	133289	8.19	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	9.75	165	33179	8.902	ng	#	19
71) Phenanthrene	11.26	178	68488	2.948	ng		97
75) Fluoranthene	12.44	202	151102	6.071	ng		97
78) Pyrene	12.67	202	140103	5.269	ng		97
81) Benzo(a)anthracene	13.85	228	70289	3.216	ng		99
83) Chrysene	13.89	228	59697	2.788	ng		98
86) Indeno(1,2,3-cd)pyrene	16.63	276	36698	2.010	ng	#	92
88) Benzo(b)fluoranthene	14.87	252	108916	5.013	ng		95
89) Benzo(k)fluoranthene	14.87	252	108916	5.534	ng	#	95
90) Benzo(a)pyrene	15.21	252	64114	3.336	ng		96
92) Benzo(g,h,i)perylene	17.04	276	38966	2.366	ng		97

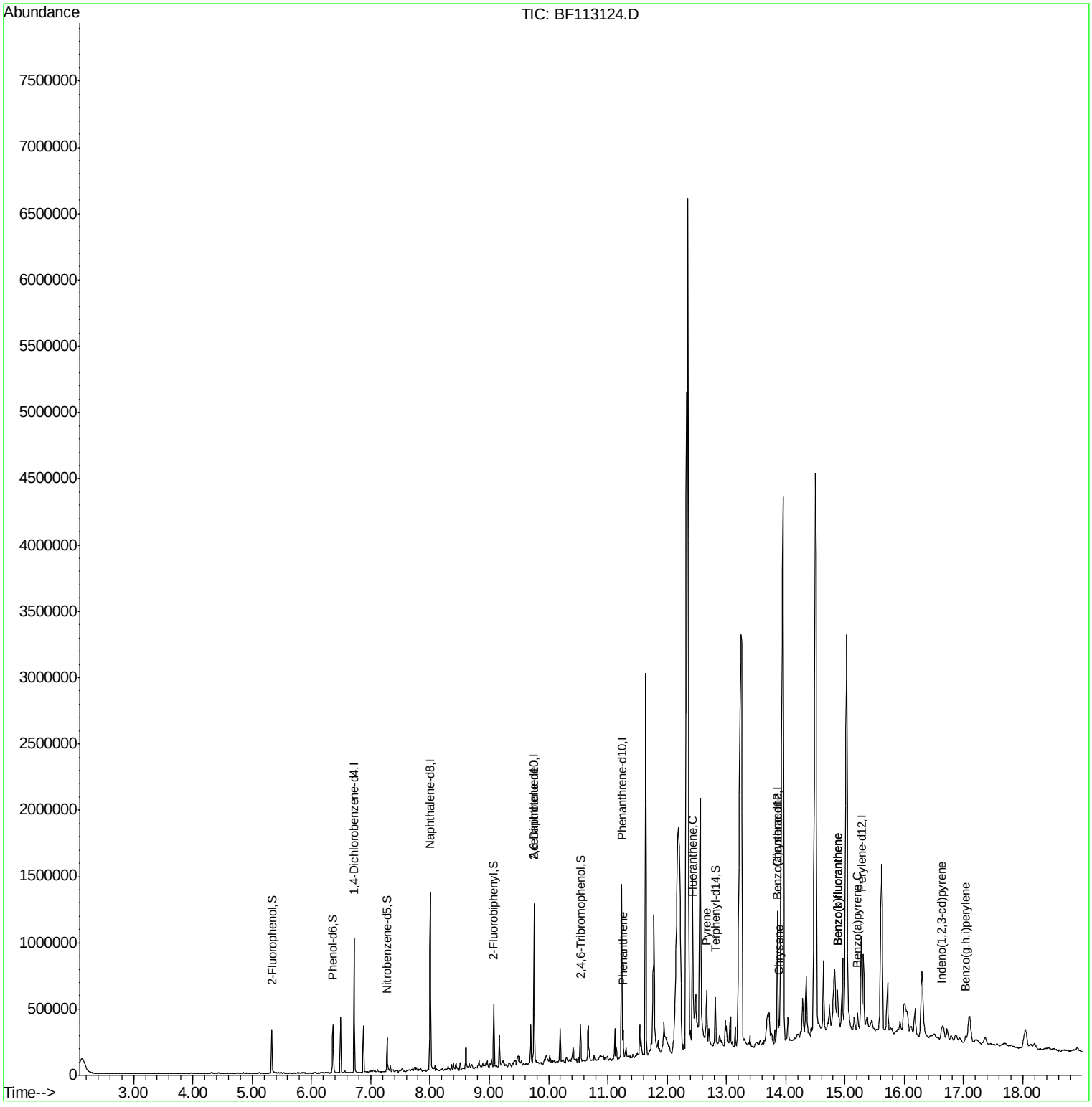
(#) = qualifier out of range (m) = manual integration (+) = signals summed

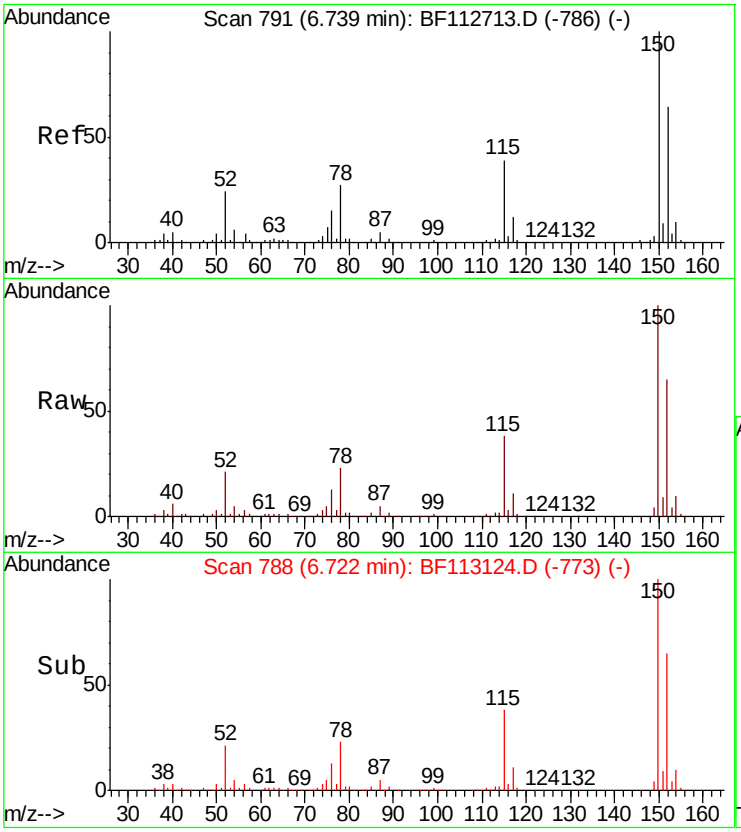
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113124.D
Acq On : 19 Mar 2019 14:38
Operator : JU/SJ
Sample : K1697-09RE 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 16:45:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



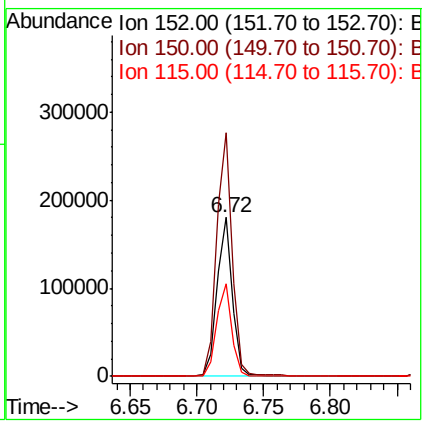


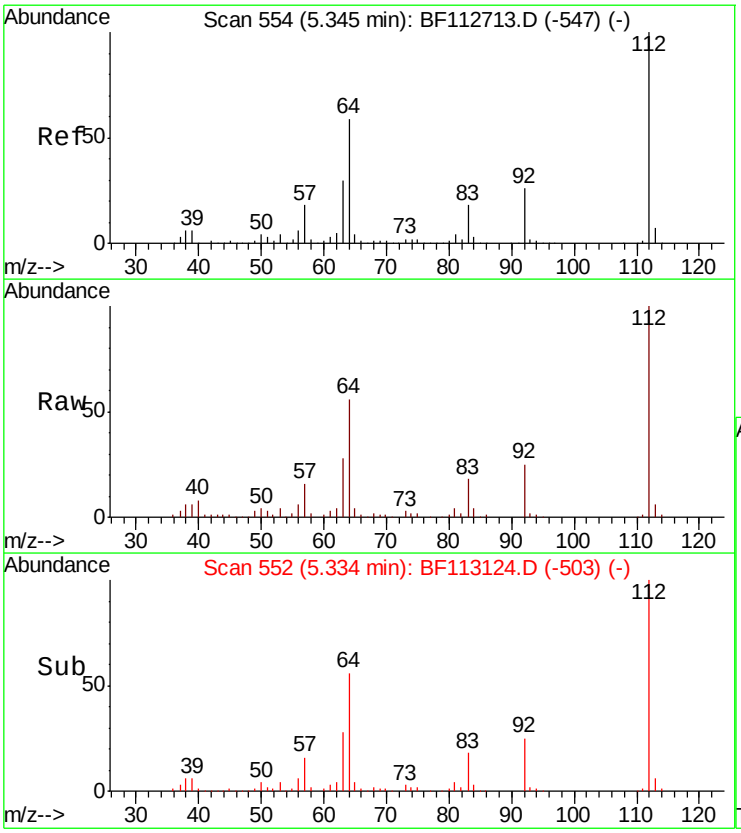
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146787

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.2
115	57.9	48.2	72.4

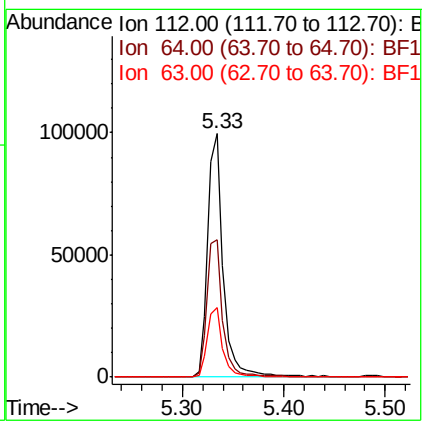


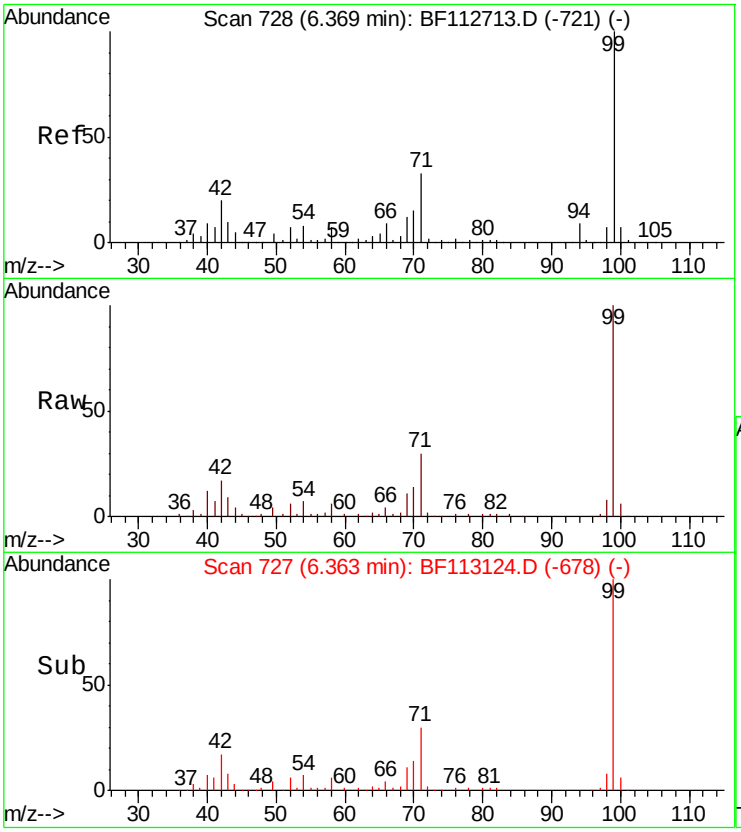


#5
2-Fluorophenol
Concen: 11.284 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:112 Resp: 106478

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.6	71.4
63	28.4	24.4	36.6



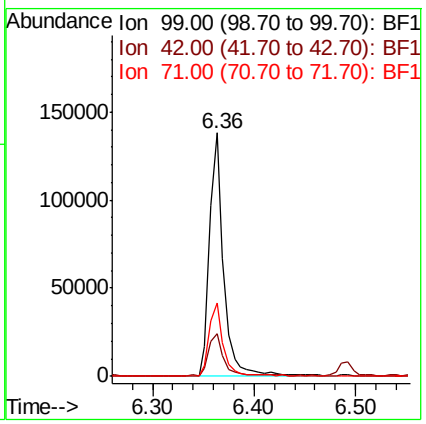


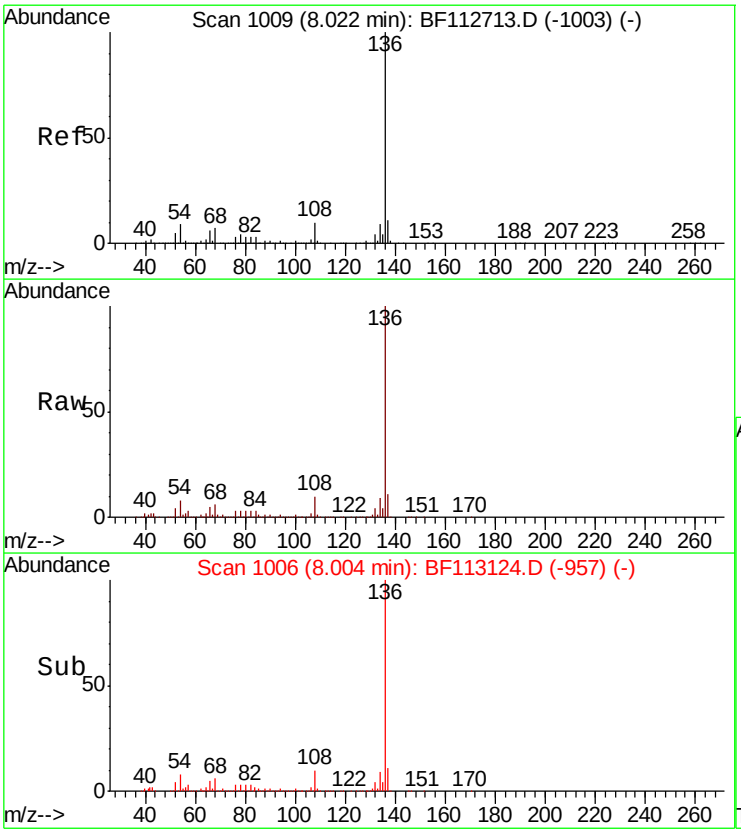
#7
Phenol-d6
Concen: 11.367 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 134741

Ion	Ratio	Lower	Upper
99	100		
42	17.4	16.3	24.5
71	30.4	26.2	39.4

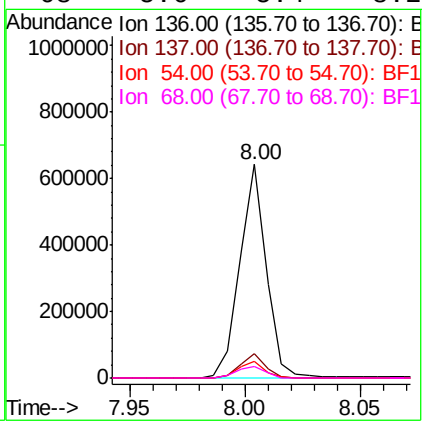


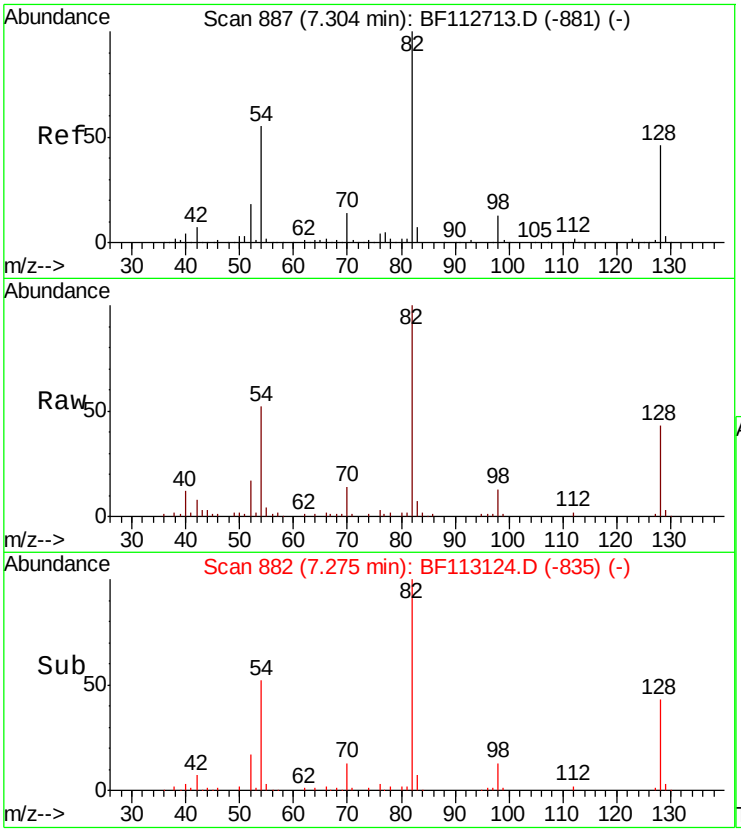


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:136 Resp: 518662

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	5.6	5.4	8.2



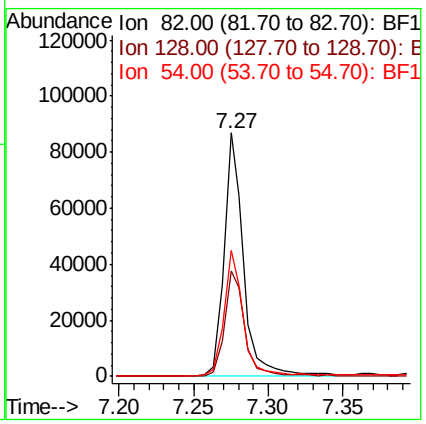


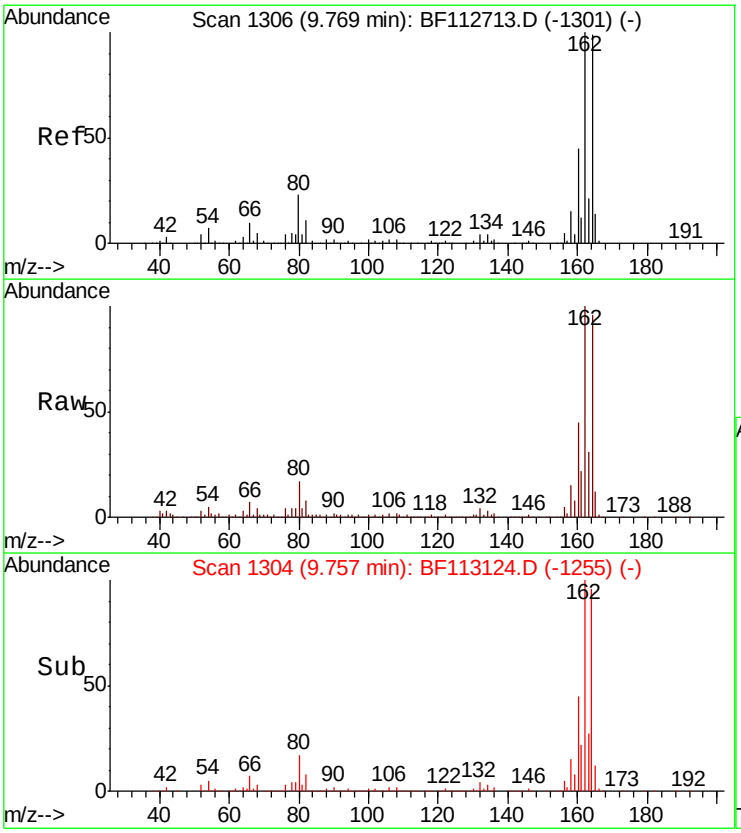
#23
Nitrobenzene-d5
Concen: 9.258 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 80247

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.3	54.5
54	51.6	43.7	65.5

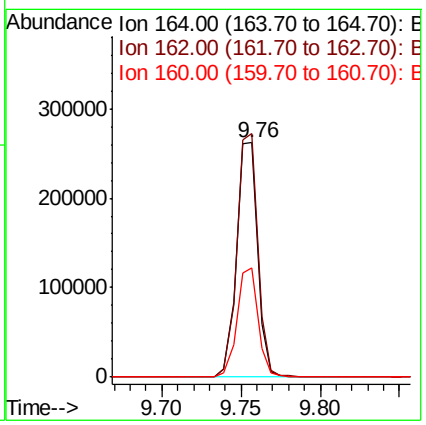


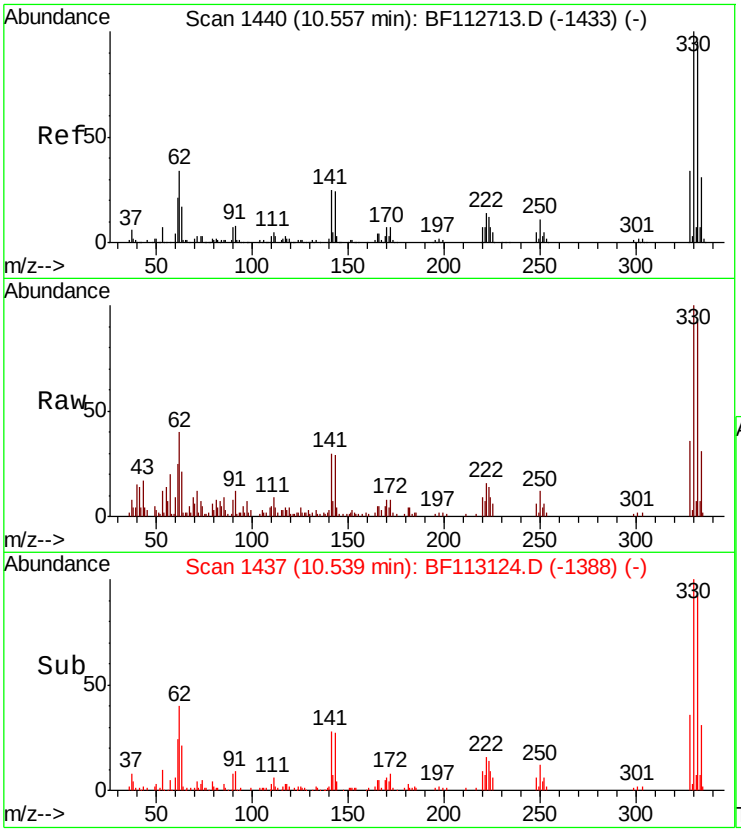


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:164 Resp: 242742

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	120.8
160	46.8	36.0	54.0



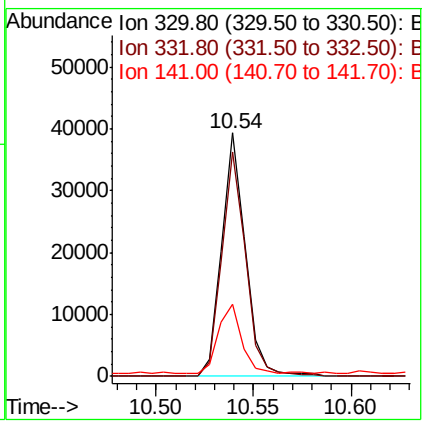


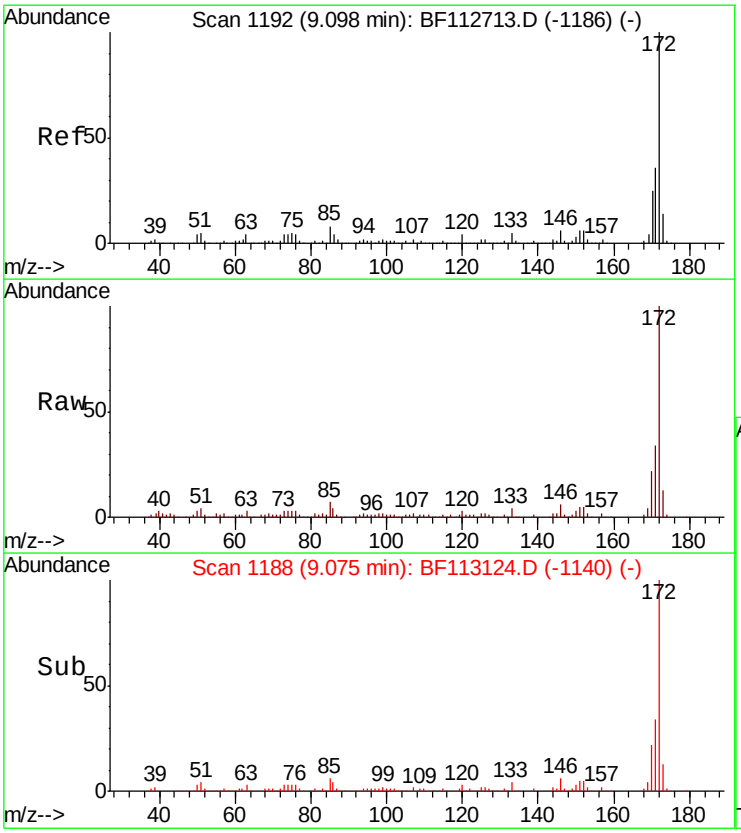
#42
2,4,6-Tribromophenol
Concen: 12.920 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 33295

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.2	114.4
141	28.4	27.0	40.6

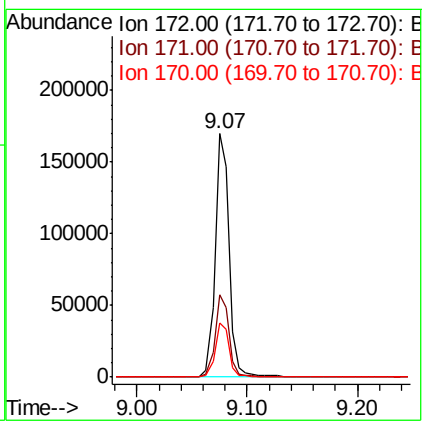


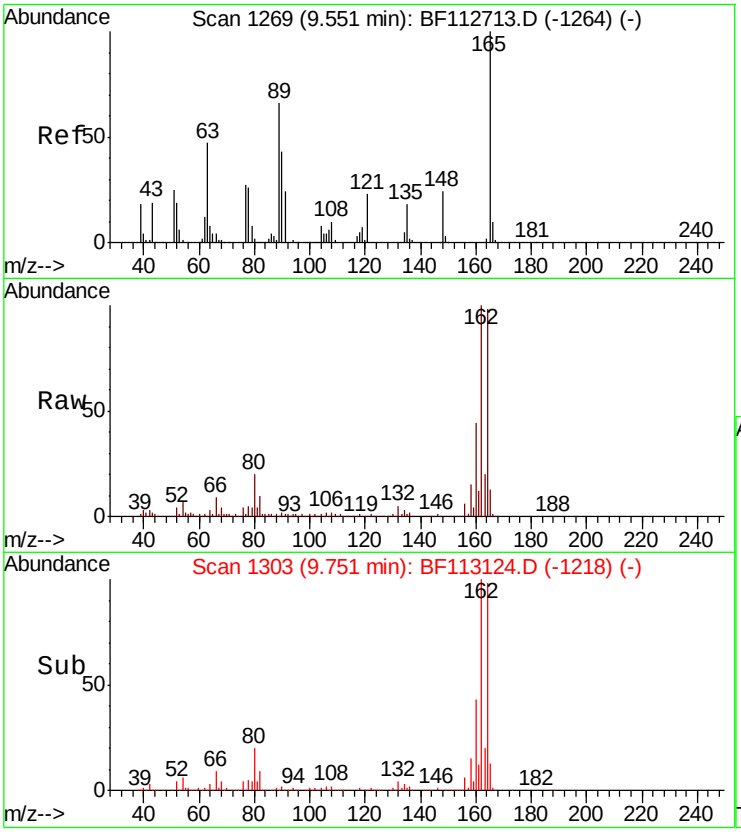


#45
2-Fluorobiphenyl
Concen: 6.904 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:172 Resp: 148949

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.4
170	22.4	20.0	30.0



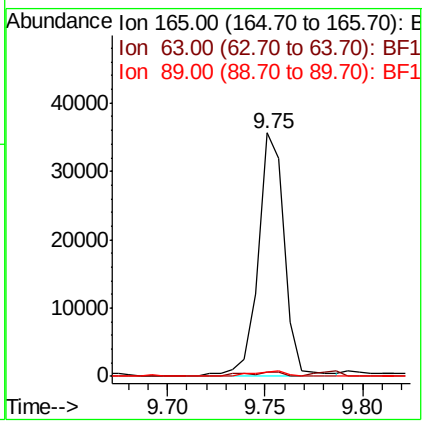


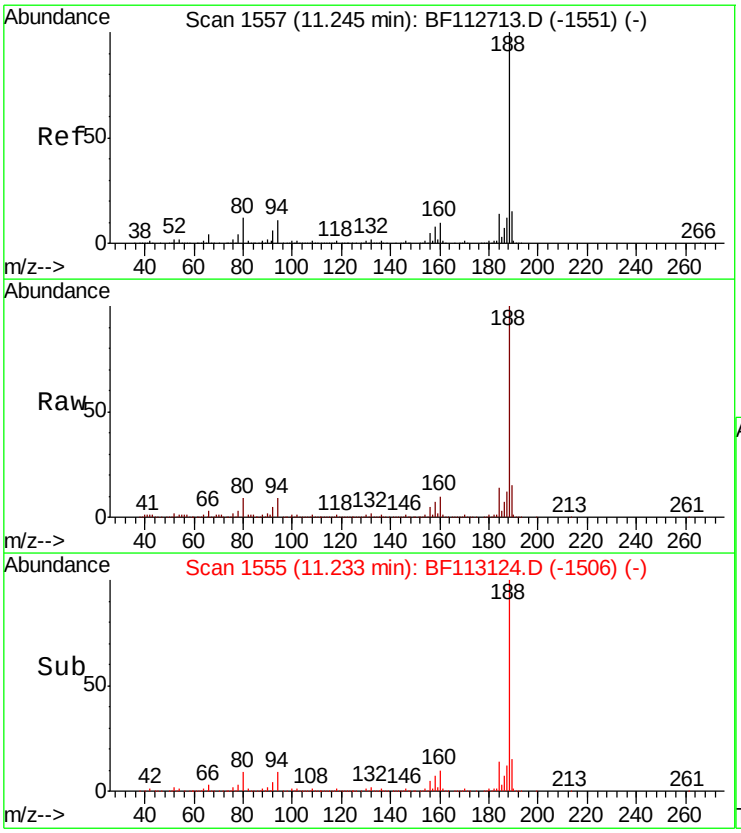
#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33179

Ion	Ratio	Lower	Upper
165	100		
63	1.7	54.1	81.1#
89	1.5	52.8	79.2#

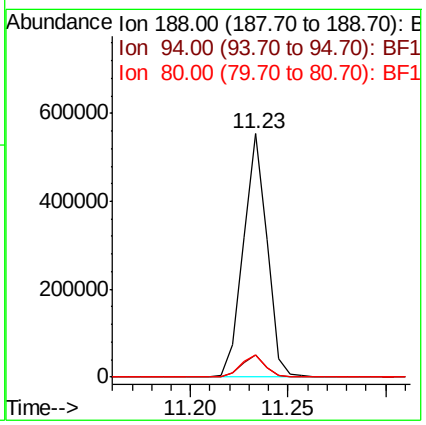


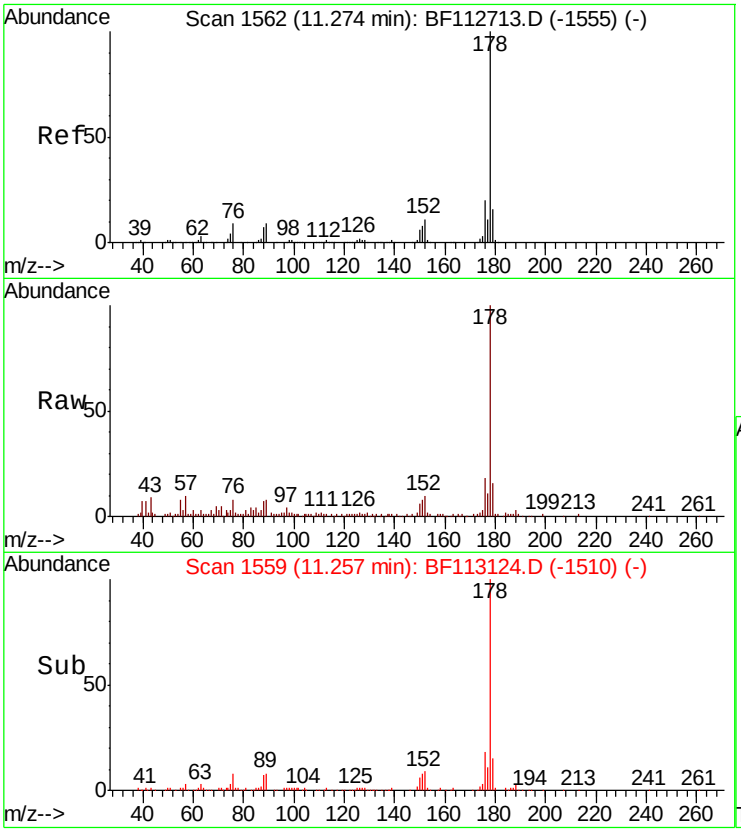


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:188 Resp: 466913

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.1	9.2	13.8#



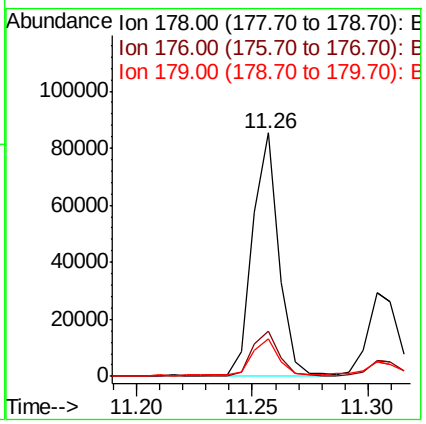


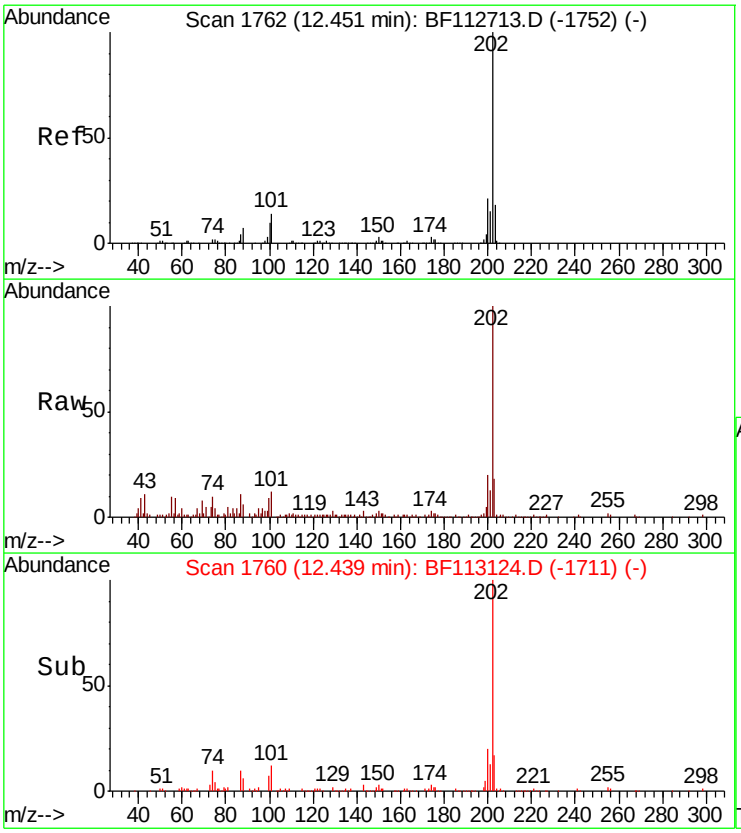
#71
Phenanthrene
Concen: 2.948 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 68488

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.3	24.5
179	15.6	12.7	19.1

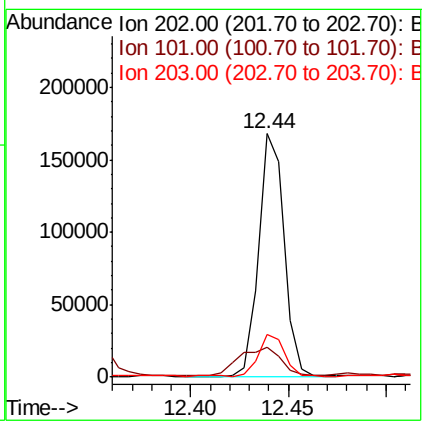


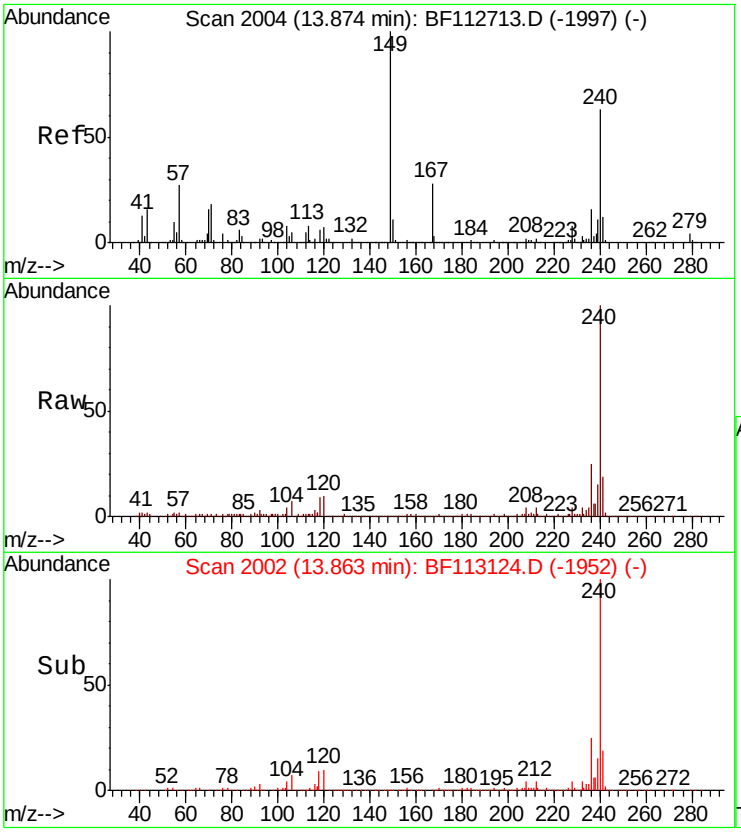


#75
Fluoranthene
Concen: 6.071 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:202 Resp: 151102

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	17.5	0.0	38.4



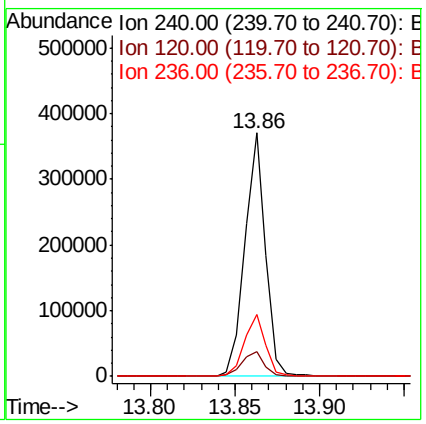


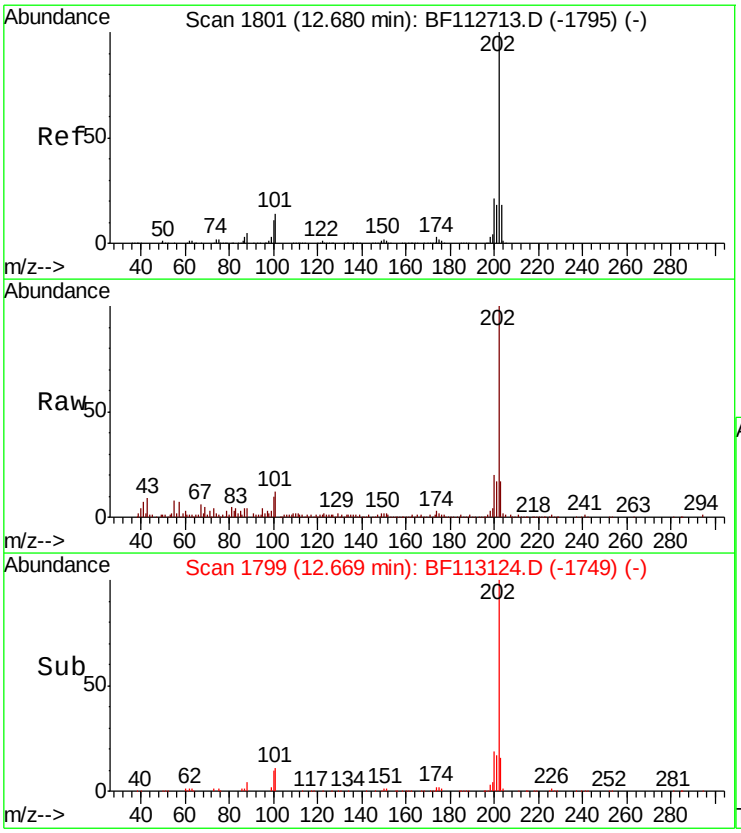
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 315396

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.4	20.7	31.1

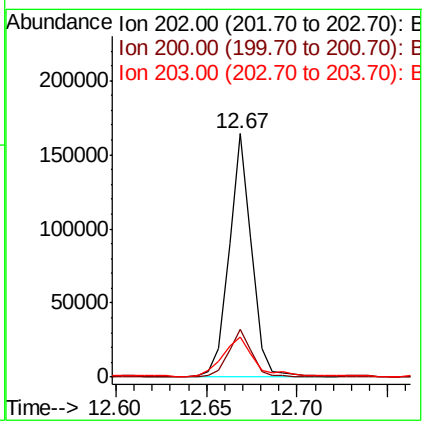


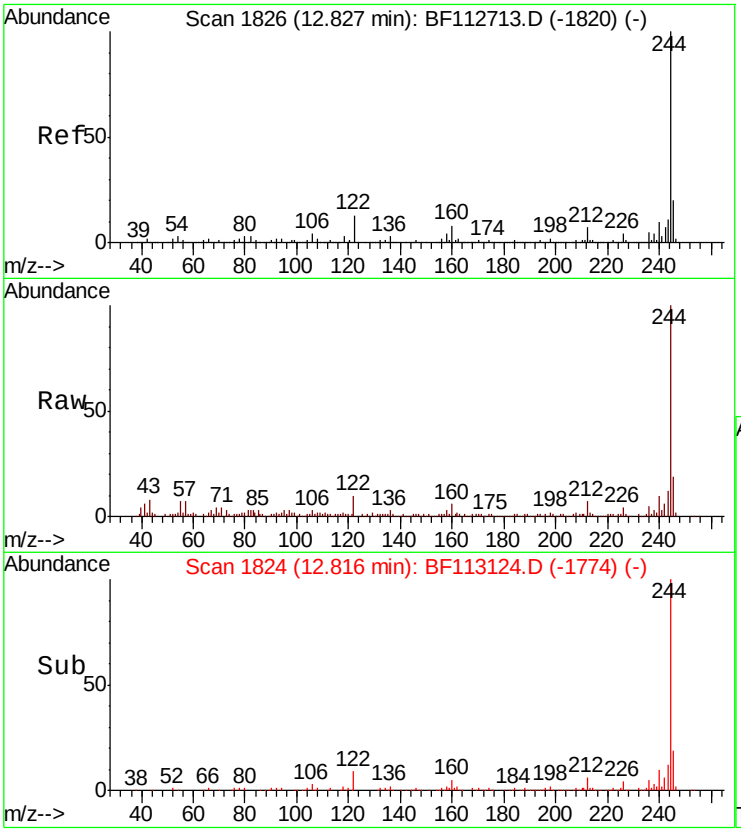


#78
Pyrene
Concen: 5.269 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:202 Resp: 140103

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	16.7	14.4	21.6



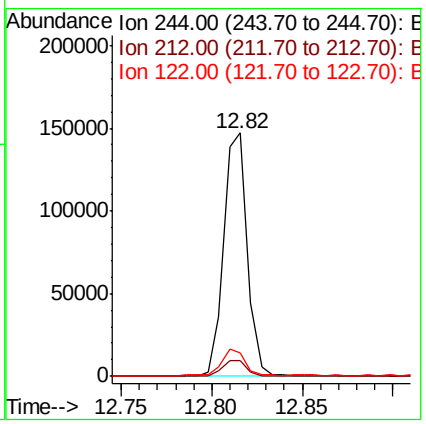


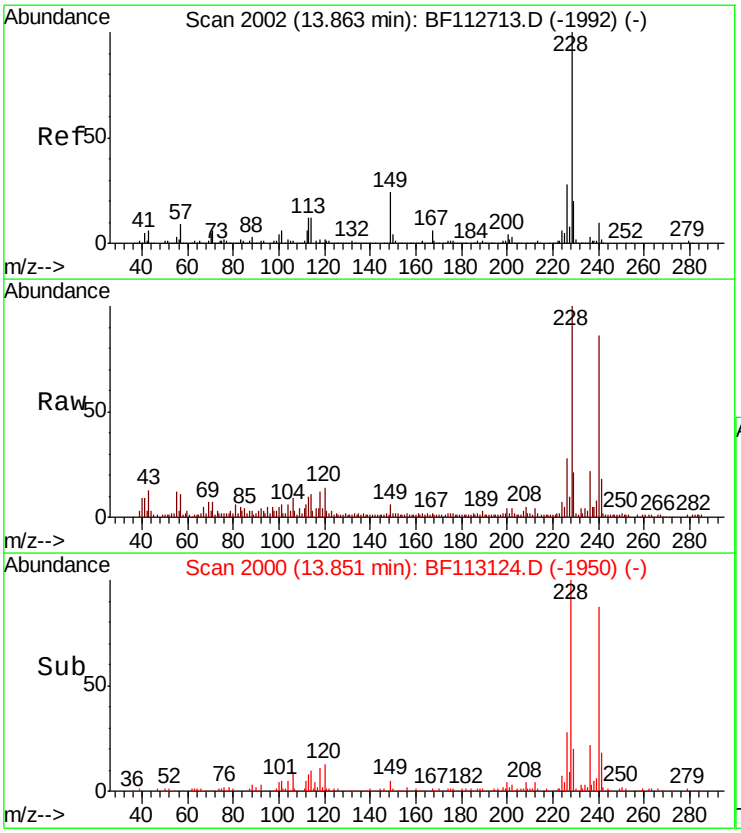
#79
Terphenyl-d14
Concen: 8.192 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 133289

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.7	10.5	15.7#

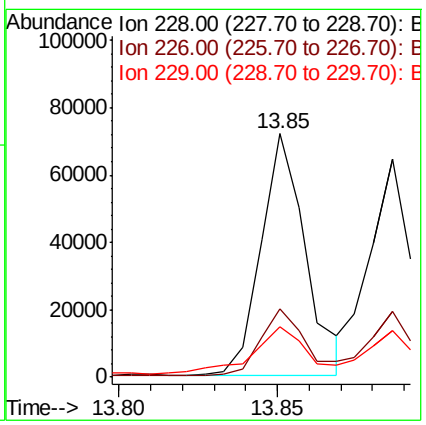


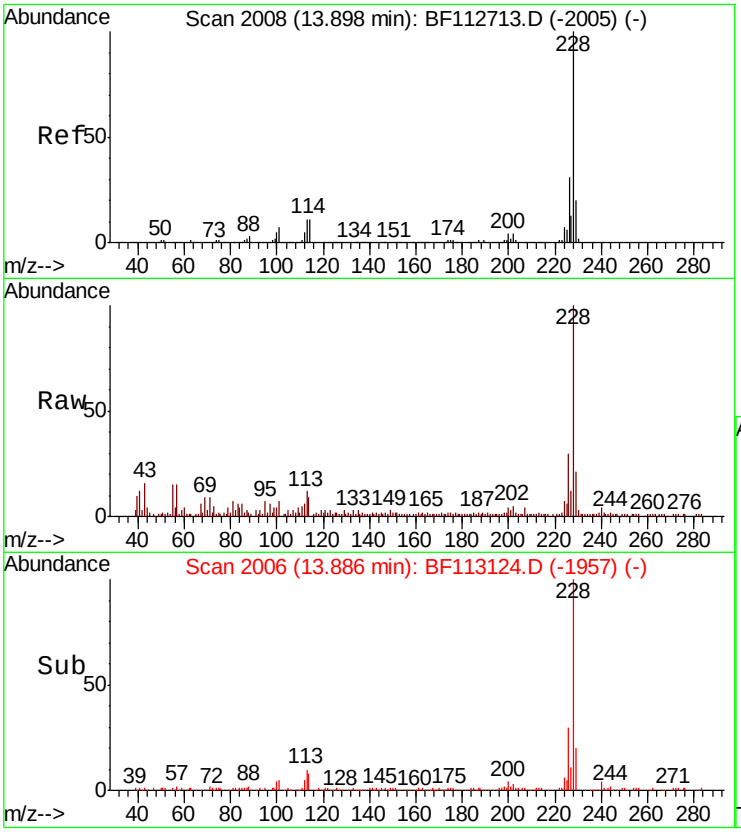


#81
Benzo(a)anthracene
Concen: 3.216 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:228 Resp: 70289

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.7	16.0	24.0



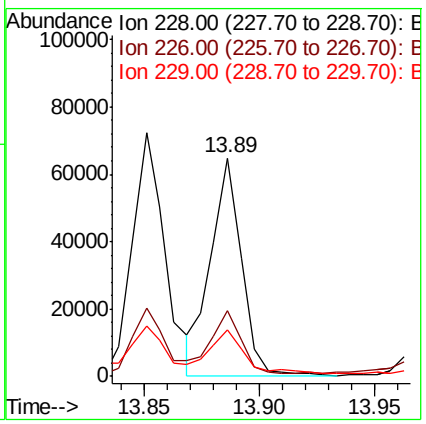


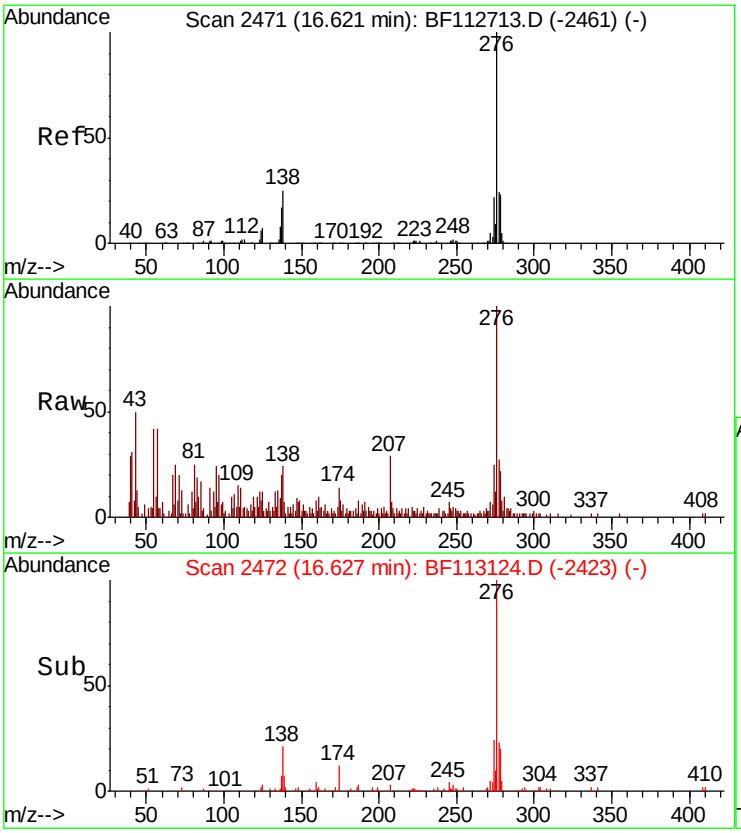
#83
Chrysene
Concen: 2.788 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 59697

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.5	16.3	24.5

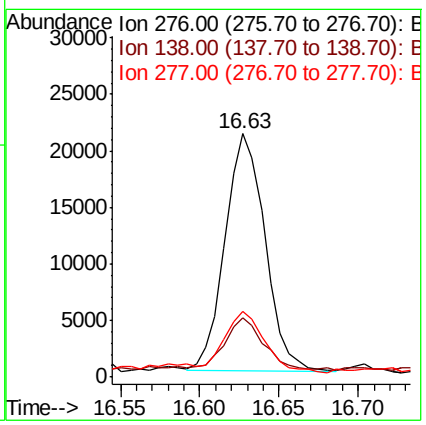


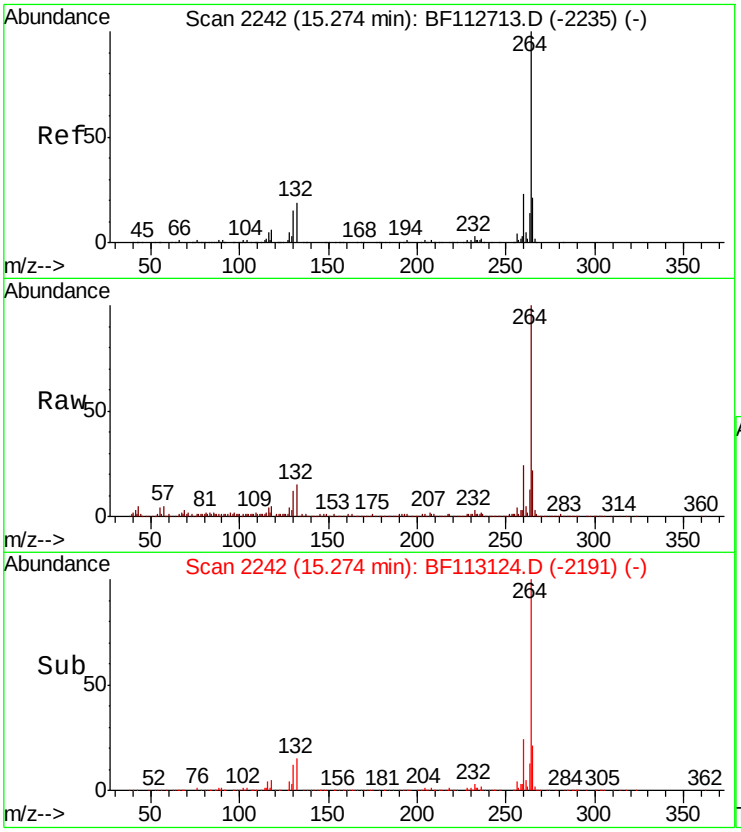


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.010 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:276 Resp: 36698

Ion	Ratio	Lower	Upper
276	100		
138	22.2	23.2	34.8#
277	25.6	19.9	29.9



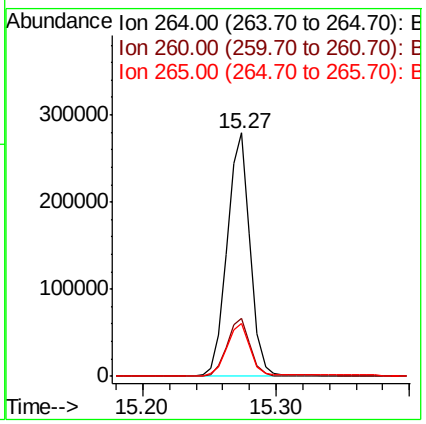


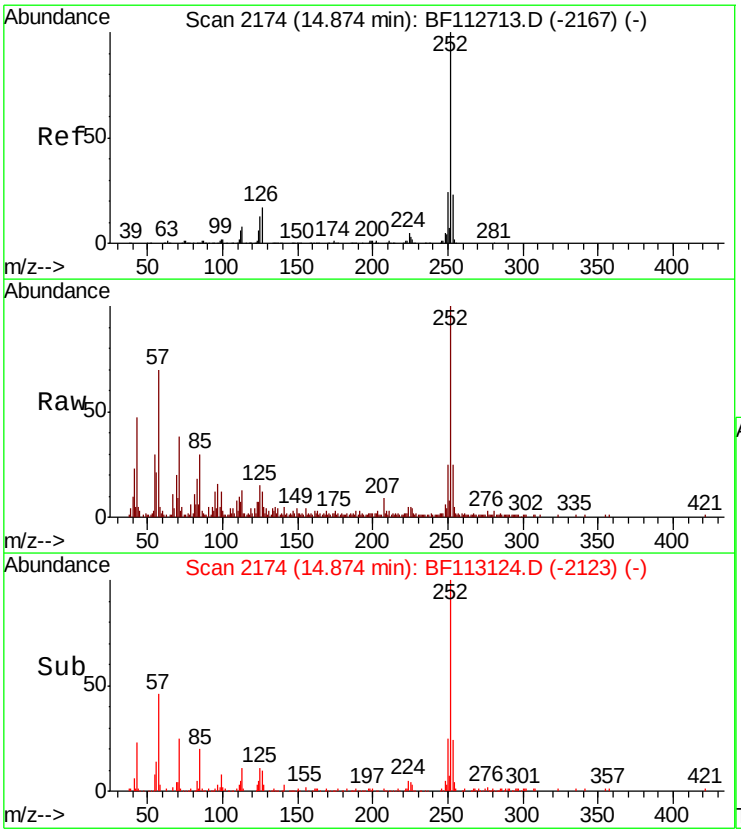
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 335926

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.2	25.8

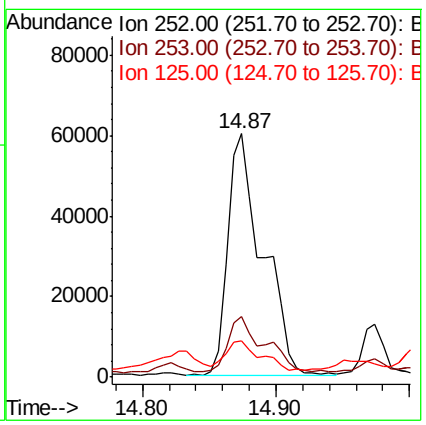


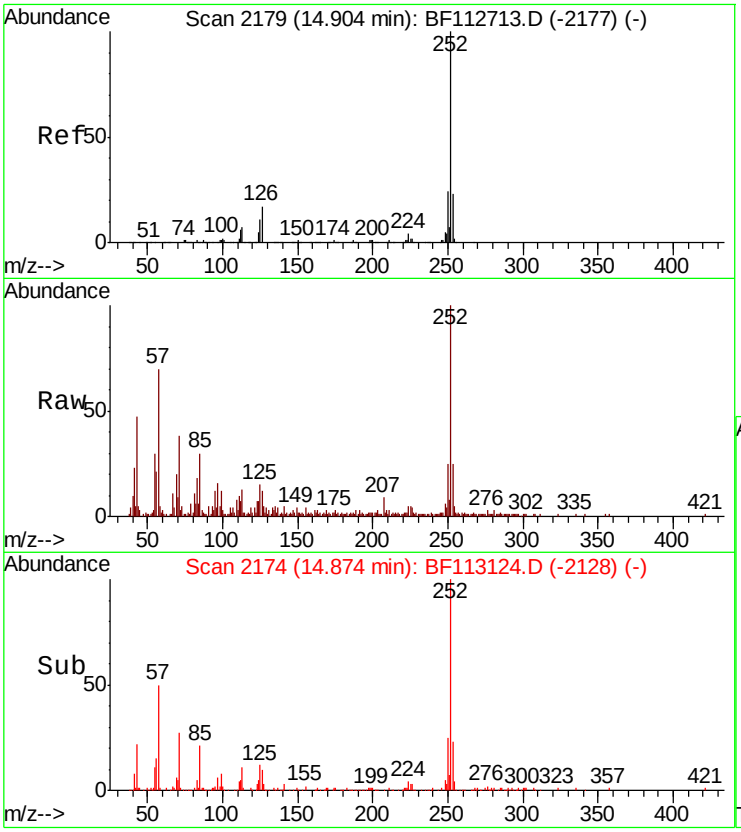


#88
Benzo(b)fluoranthene
Concen: 5.013 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:252 Resp: 108916

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	14.9	10.2	15.2



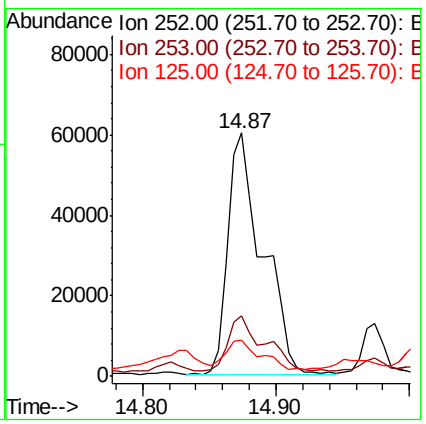


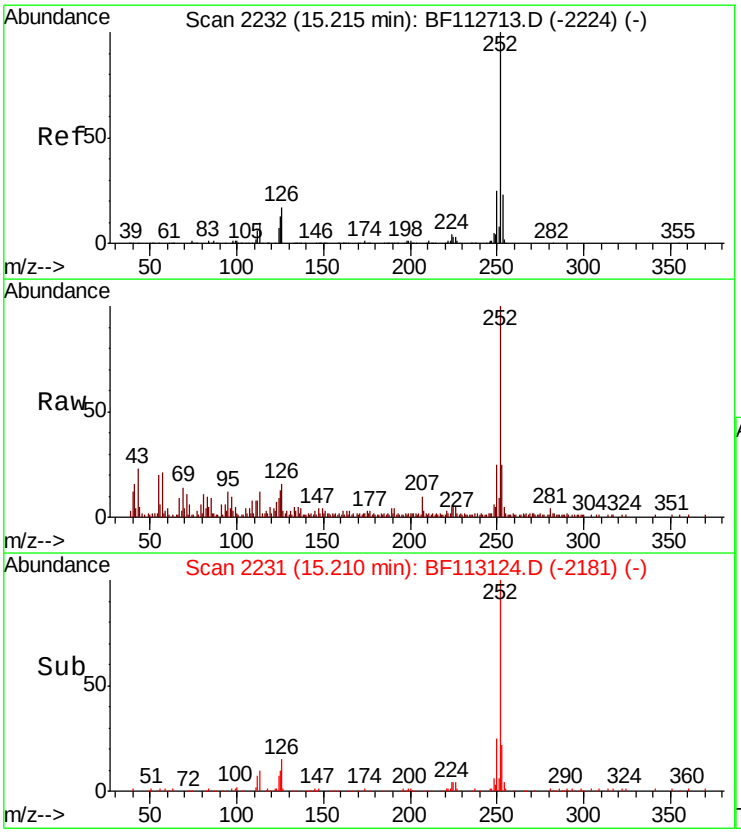
#89
Benzo(k)fluoranthene
Concen: 5.534 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108916

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	14.9	9.8	14.6#

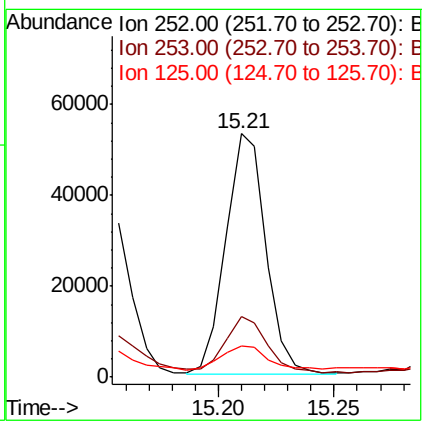


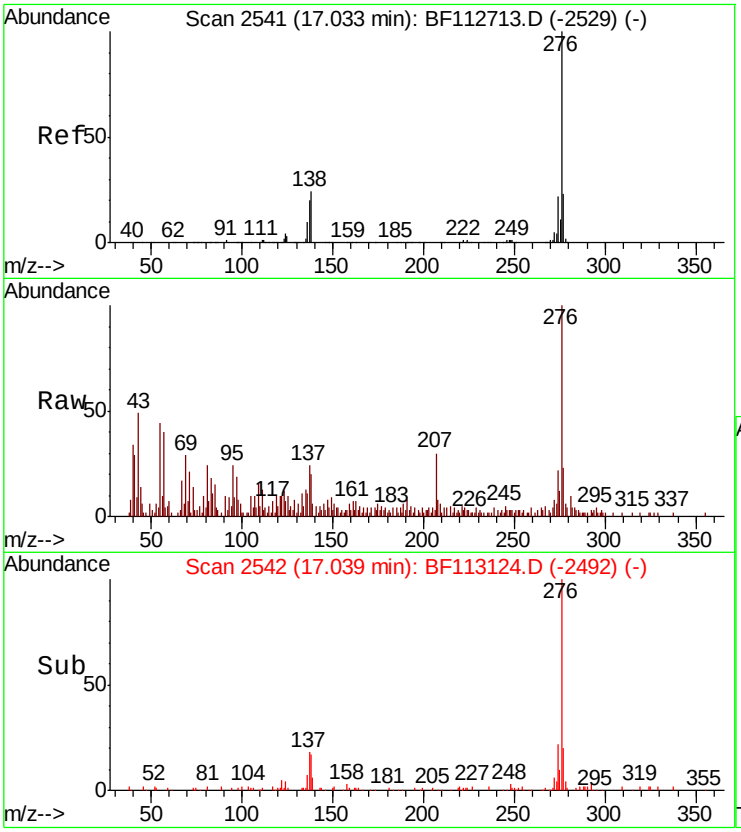


#90
Benzo(a)pyrene
Concen: 3.336 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion:252 Resp: 64114

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	13.0	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.366 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38966

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	26.6	19.4	29.0