Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114254.D
Acq On : 14 May 2019 10:43
Operator : JU/SJ
Sample : K2765-21DL 4X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 14 12:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	257731	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1050816	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	500403	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	928898	20.00	ng	0.00
76) Chrysene-d12	14.02	240	623859	20.00	ng	0.00
87) Perylene-d12	15.50	264	614752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	193856	12.10	ng	0.00
7) Phenol-d6	6.50	99	273102	14.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	159785	8.53	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	52133	10.08	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	239176	7.23	ng	0.00
79) Terphenyl-d14	12.95	244	197711	6.53	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.75	152	168647	3.408	ng	96
71) Phenanthrene	11.40	178	603011	13.343	ng	98
72) Anthracene	11.45	178	96981	2.137	ng	98
75) Fluoranthene	12.59	202	804307	16.527	ng	98
78) Pyrene	12.82	202	1479649	29.483	ng	99
81) Benzo(a)anthracene	14.01	228	487953m	12.093	ng	
83) Chrysene	14.04	228	591853	14.963	ng	97
86) Indeno(1,2,3-cd)pyrene	16.98	276	184141	5.267	ng	96
88) Benzo(b)fluoranthene	15.07	252	513485m	13.038	ng	
89) Benzo(k)fluoranthene	15.09	252	172481m	4.767	ng	
90) Benzo(a)pyrene	15.44	252	346662	10.001	ng	98
92) Benzo(g,h,i)perylene	17.43	276	204143	7.073	ng	97

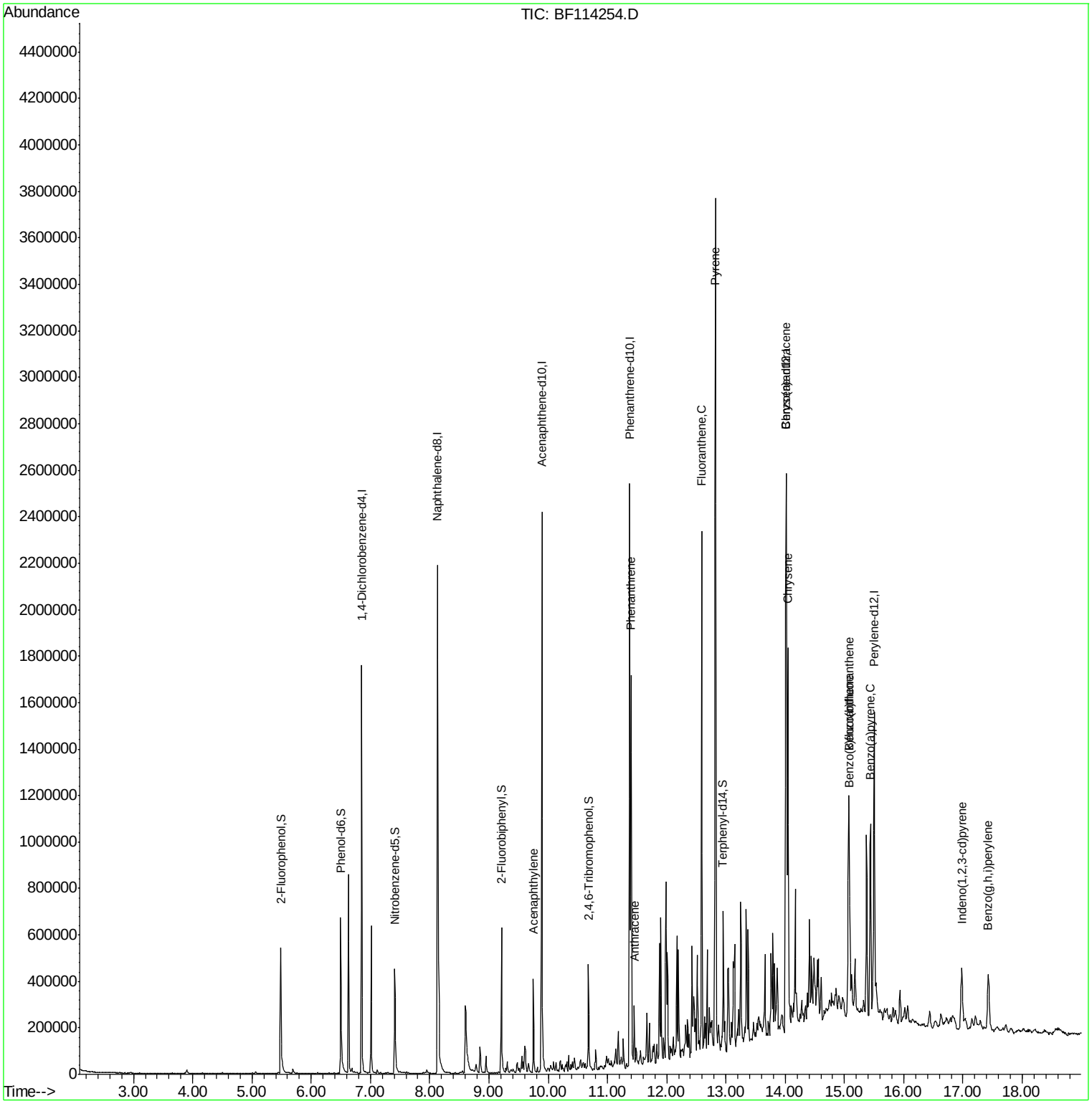
(#) = qualifier out of range (m) = manual integration (+) = signals summed

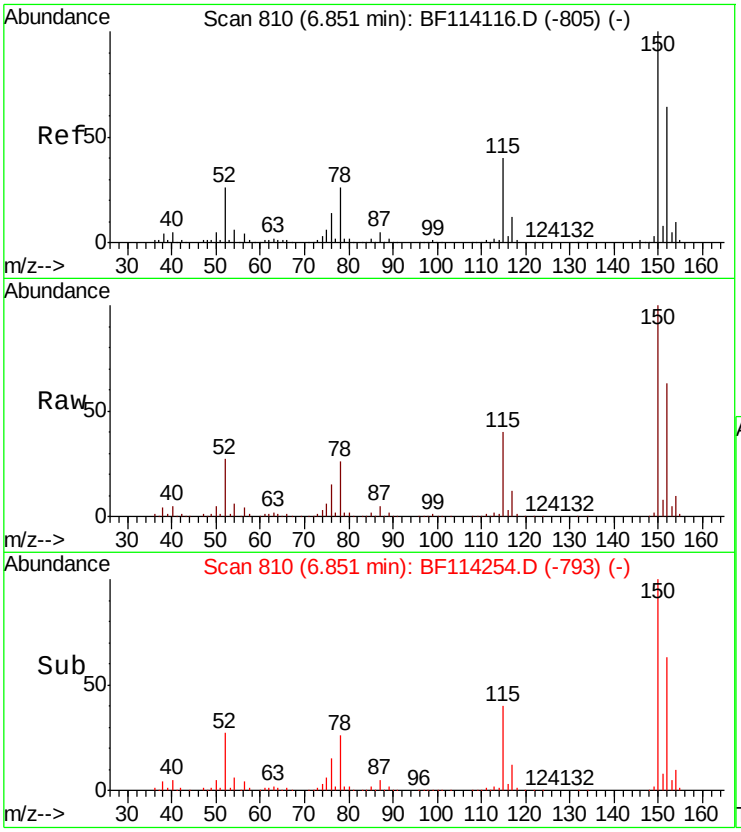
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114254.D
Acq On : 14 May 2019 10:43
Operator : JU/SJ
Sample : K2765-21DL 4X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 14 12:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



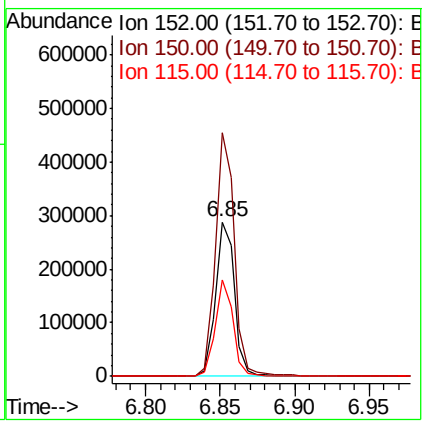


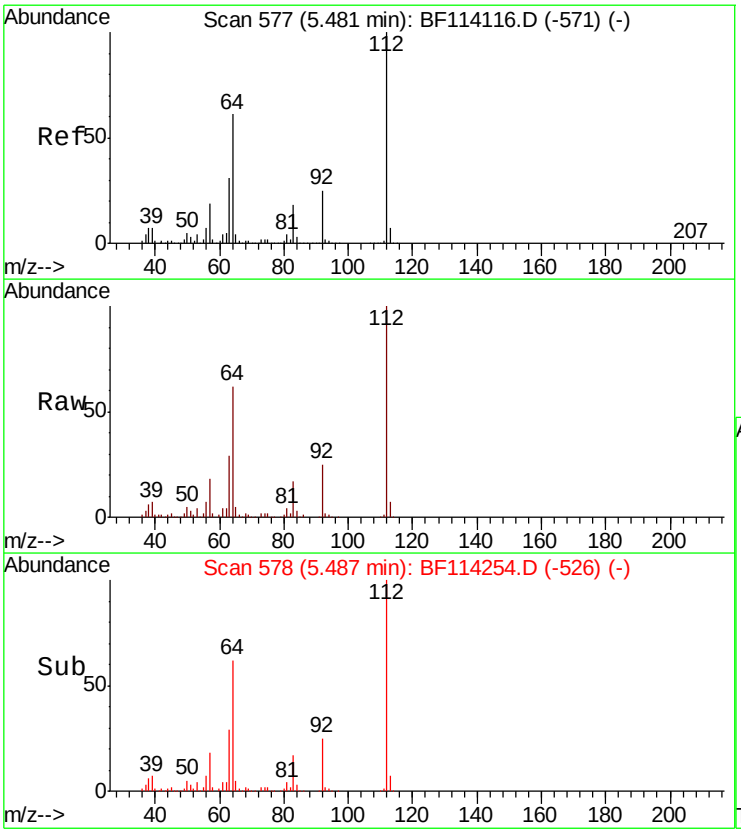
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 257731

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	62.5	49.1	73.7

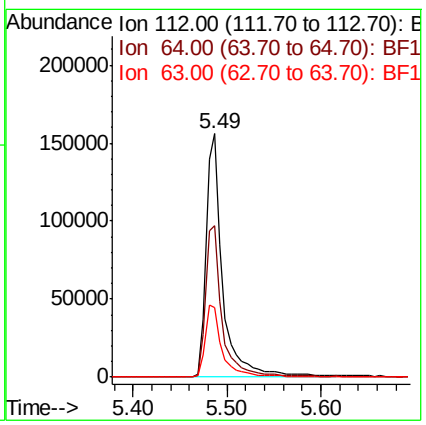


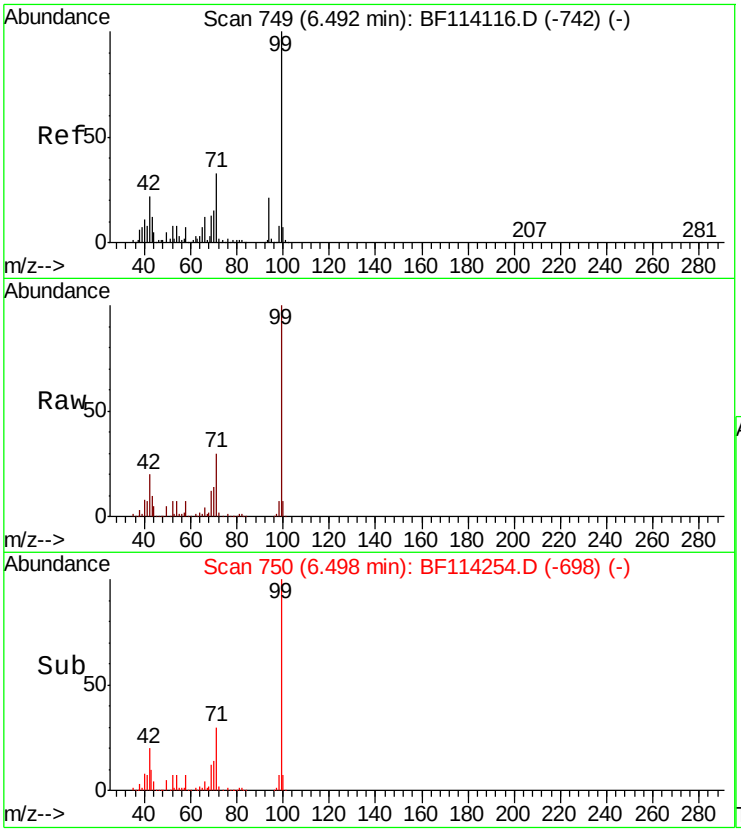


#5
2-Fluorophenol
Concen: 12.104 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:112 Resp: 193856

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.0	73.6
63	28.8	24.6	37.0



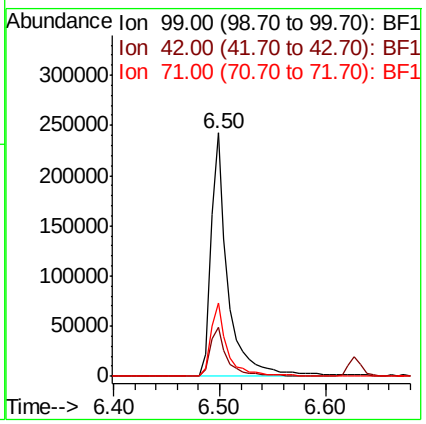


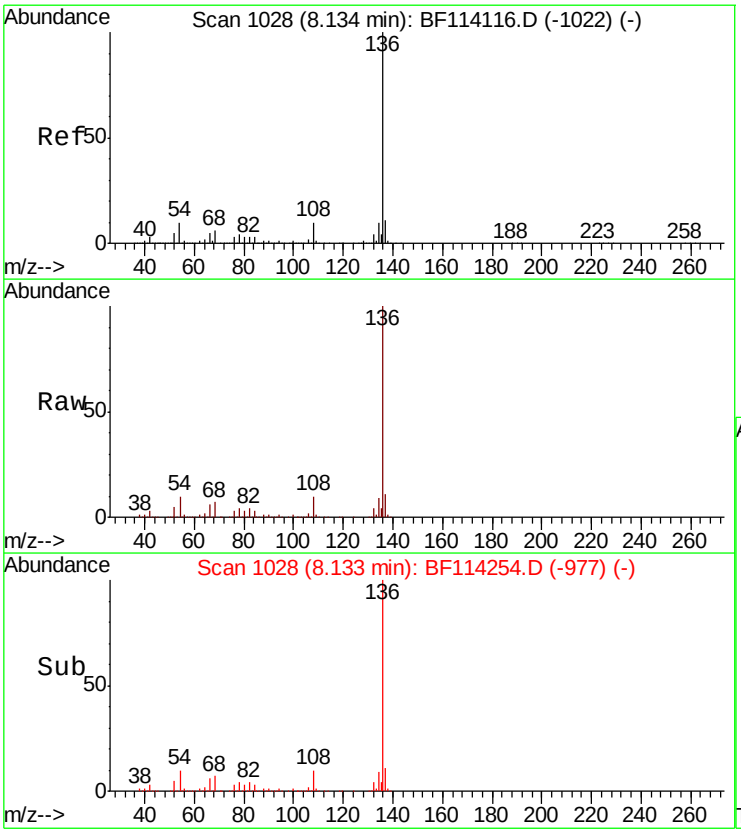
#7
Phenol-d6
Concen: 14.418 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 273102

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.9	26.9
71	30.0	26.2	39.2

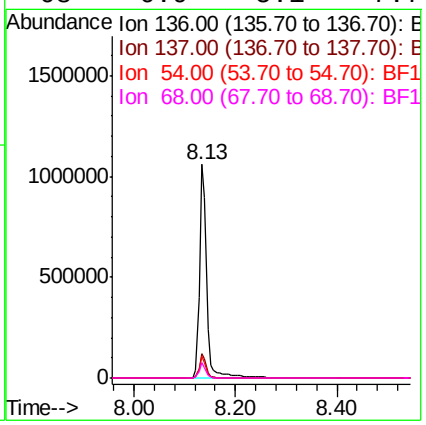


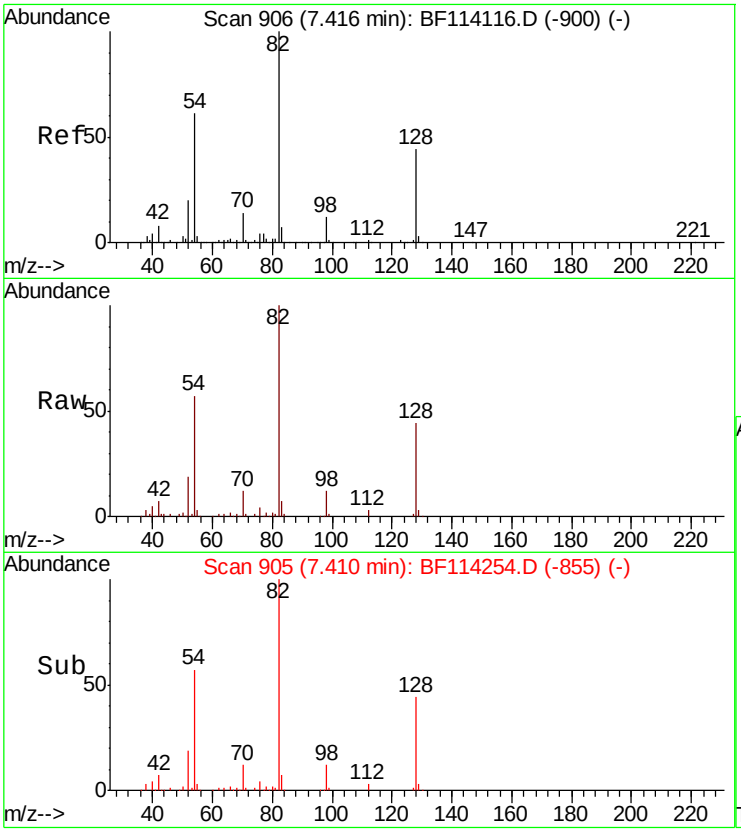


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:136 Resp: 1050816

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.4	7.8	11.8
68	6.9	5.1	7.7



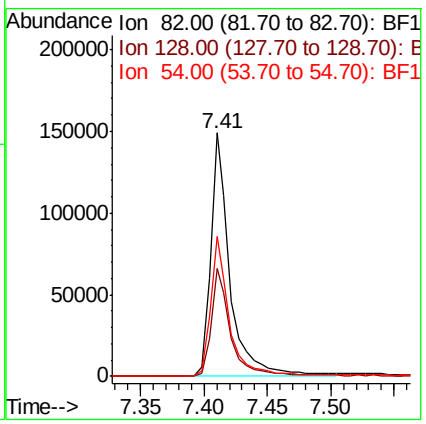


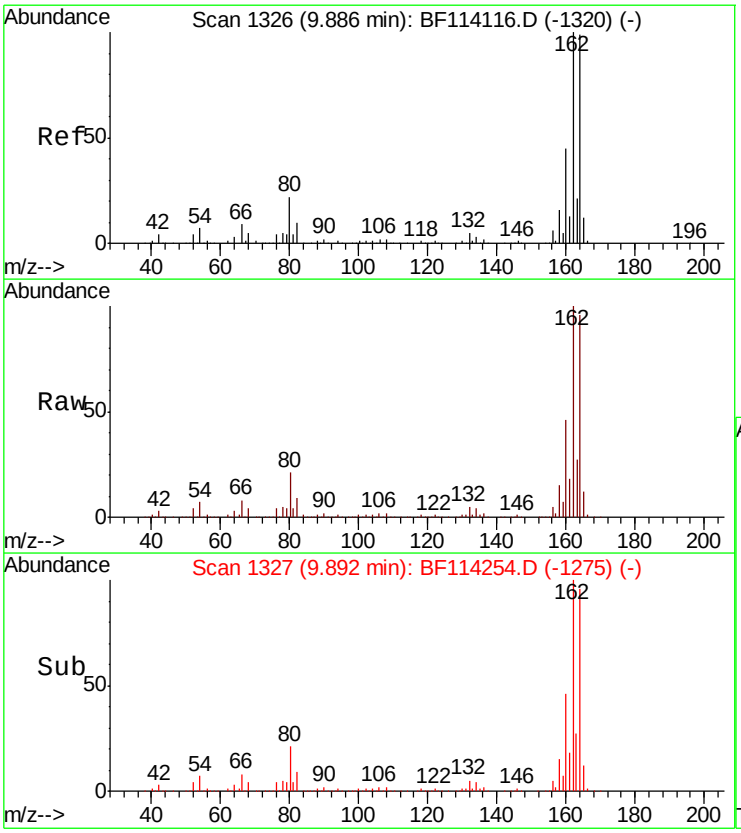
#23
Nitrobenzene-d5
Concen: 8.534 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 159785

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	57.4	48.5	72.7

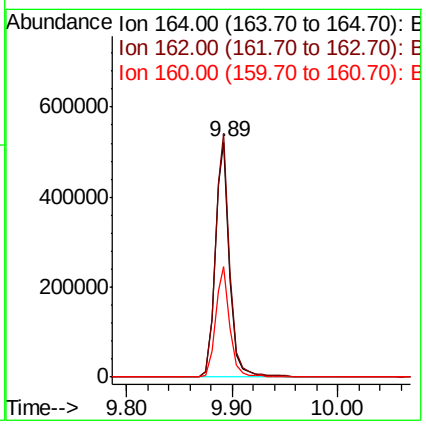


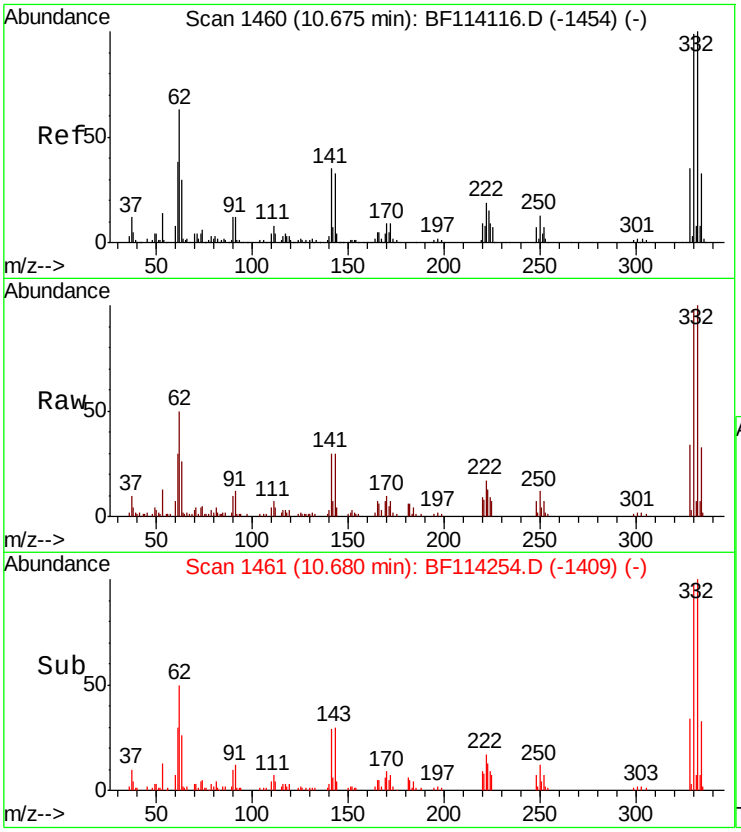


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:164 Resp: 500403

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	120.8
160	47.3	36.5	54.7



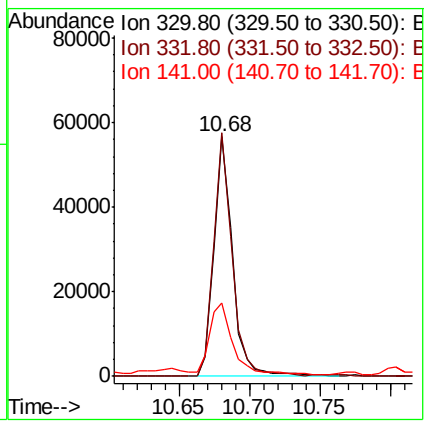


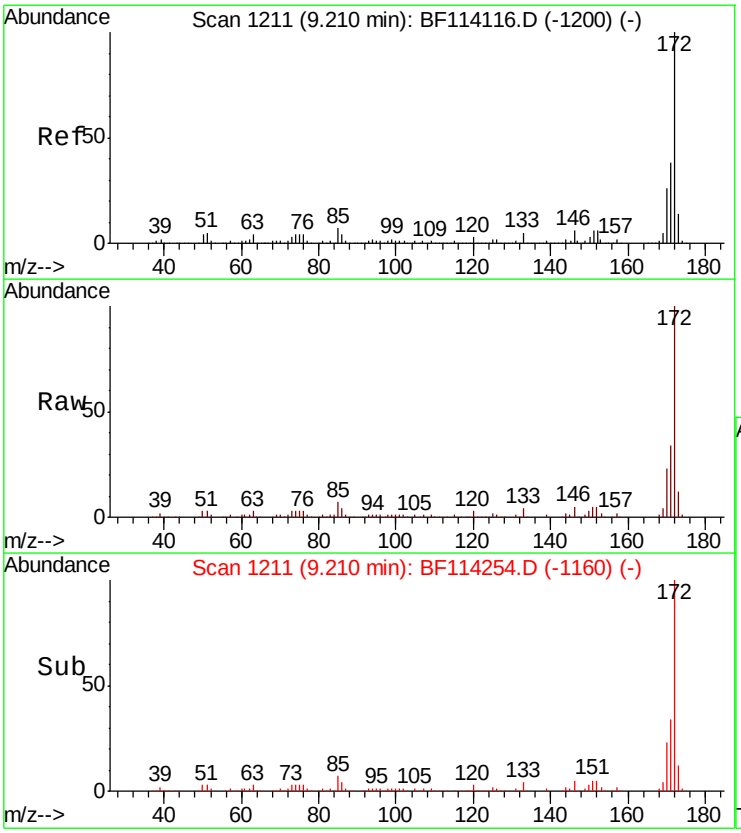
#42
2,4,6-Tribromophenol
Concen: 10.077 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 52133

Ion	Ratio	Lower	Upper
330	100		
332	100.4	81.4	122.2
141	37.8	26.6	40.0

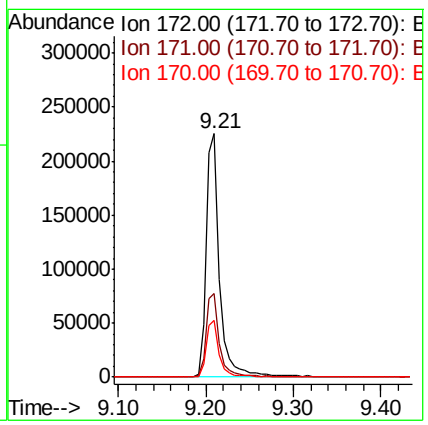


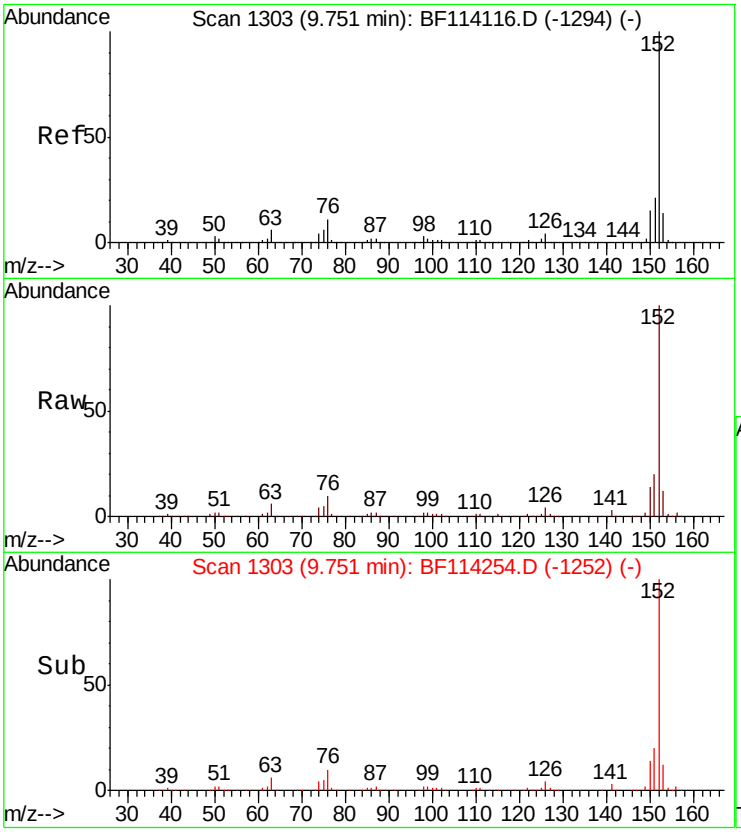


#45
2-Fluorobiphenyl
Concen: 7.230 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:172 Resp: 239176

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.7	46.1
170	23.2	20.5	30.7



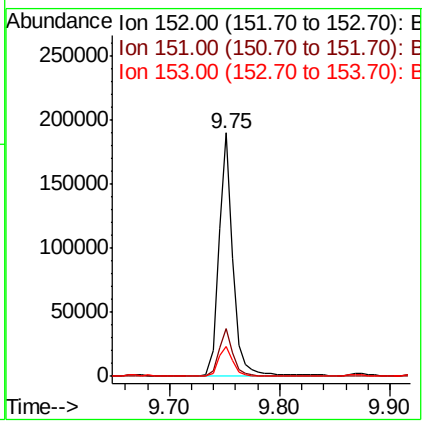


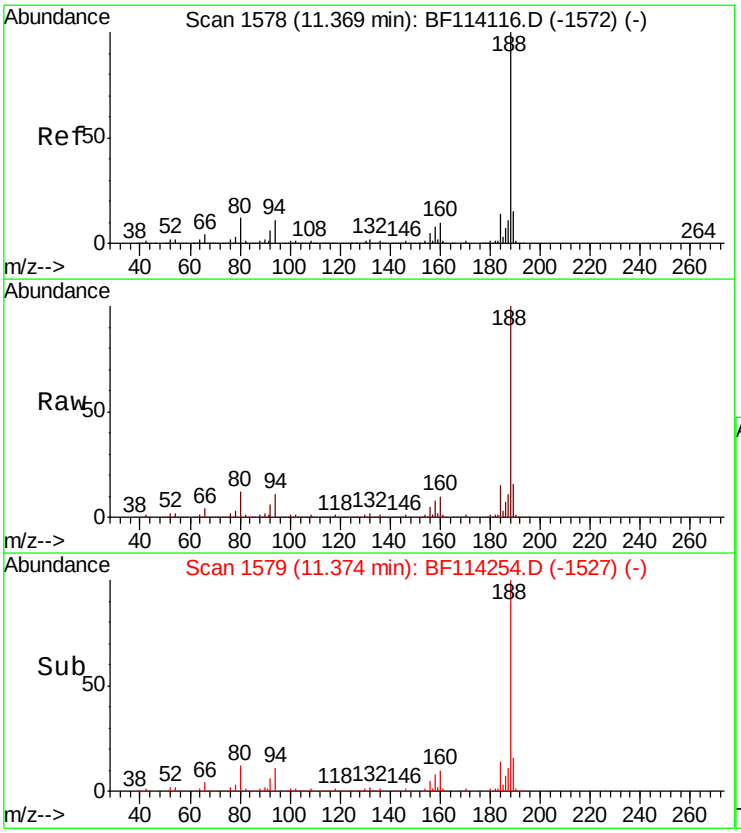
#49
Acenaphthylene
Concen: 3.408 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168647

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.0	11.4	17.2

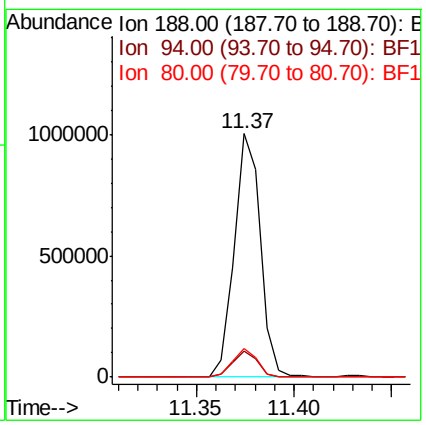


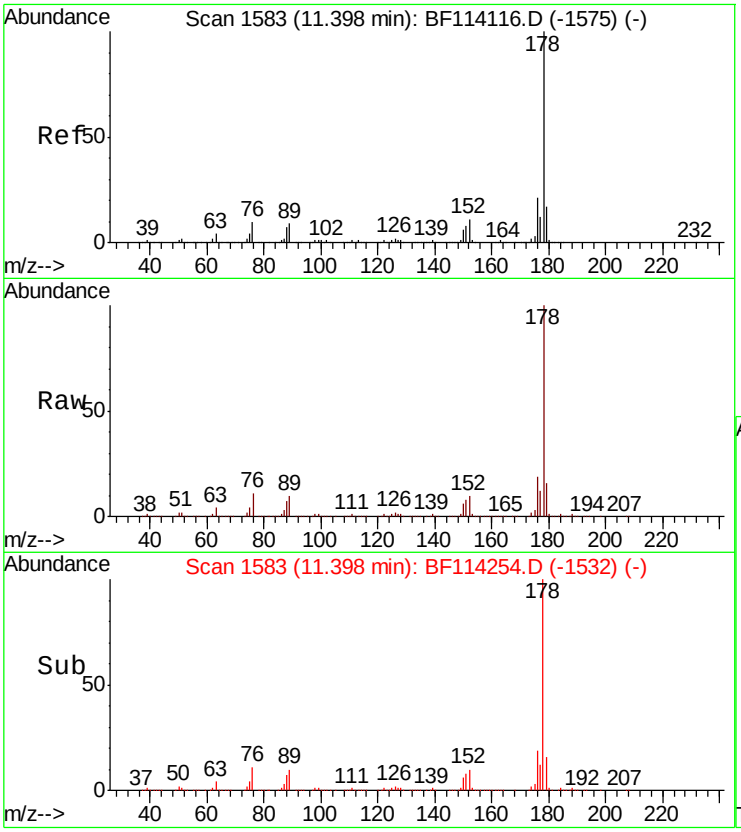


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:188 Resp: 928898

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.9	9.2	13.8



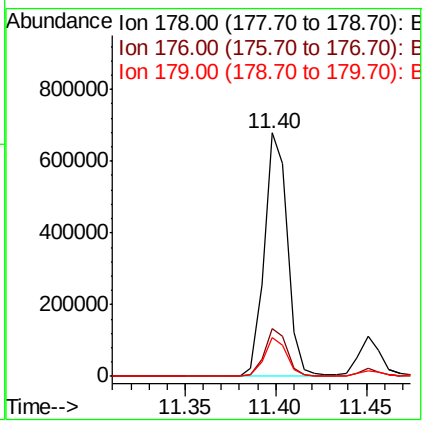


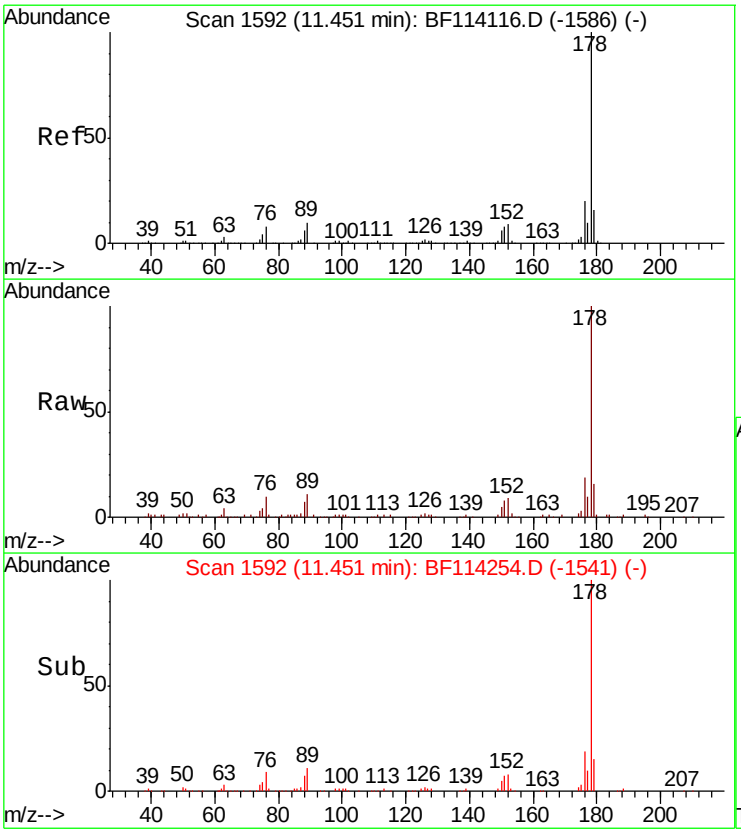
#71
Phenanthrene
Concen: 13.343 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 603011

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	16.0	13.2	19.8

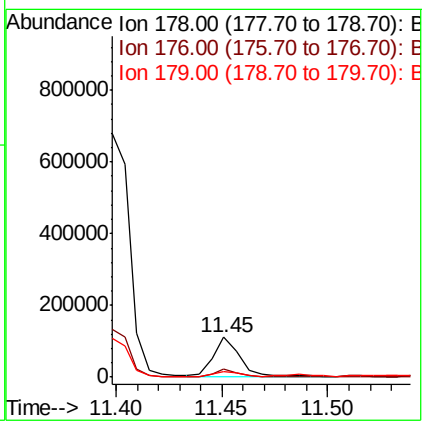


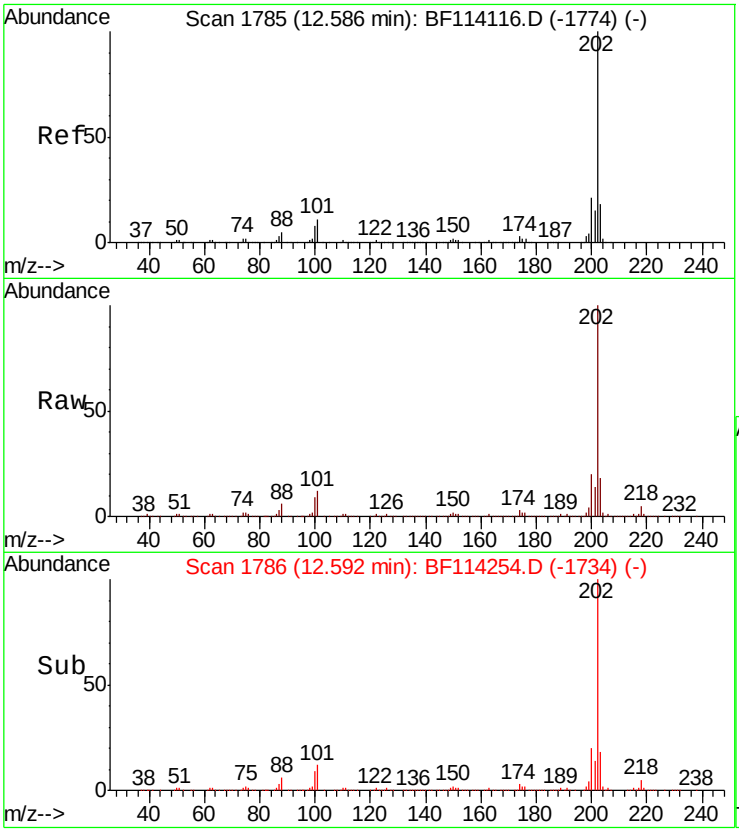


#72
Anthracene
Concen: 2.137 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:178 Resp: 96981

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.4



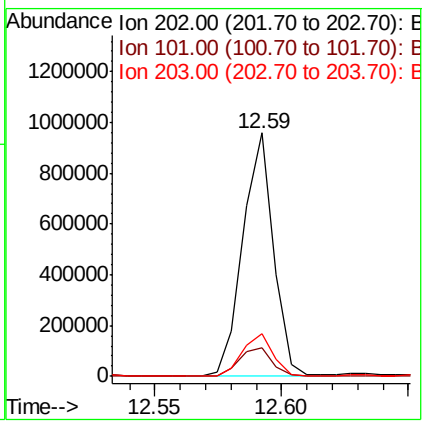


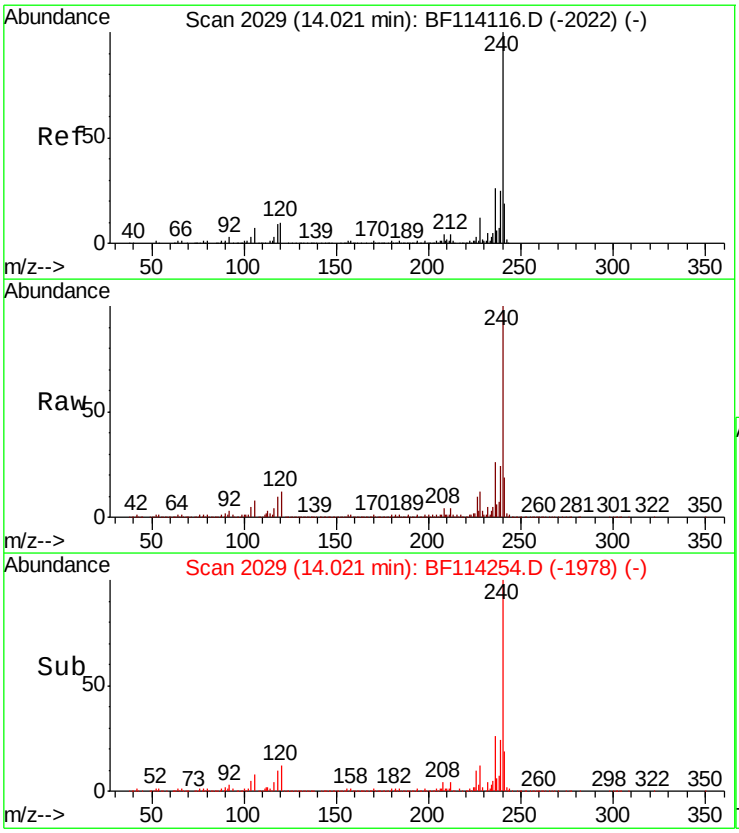
#75
Fluoranthene
Concen: 16.527 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 804307

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	17.8	0.0	38.4

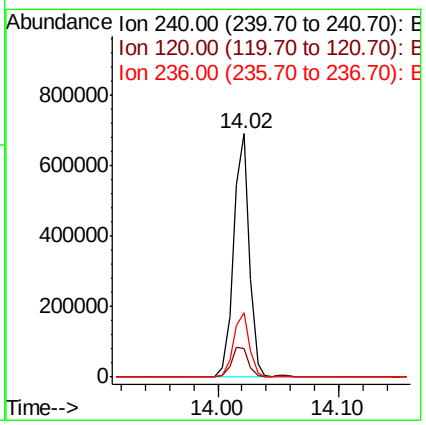


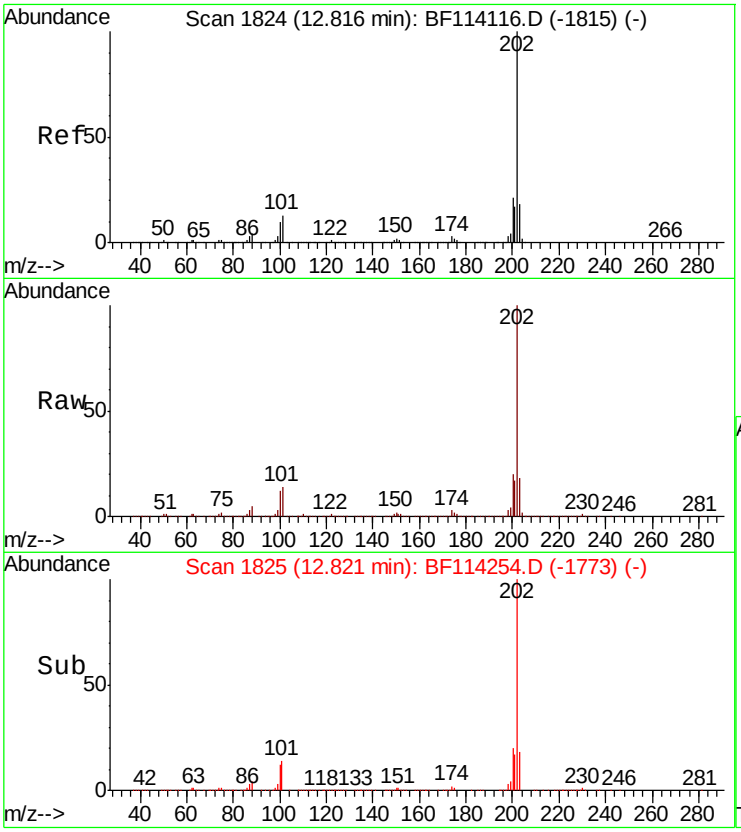


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:240 Resp: 623859

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.5	20.8	31.2



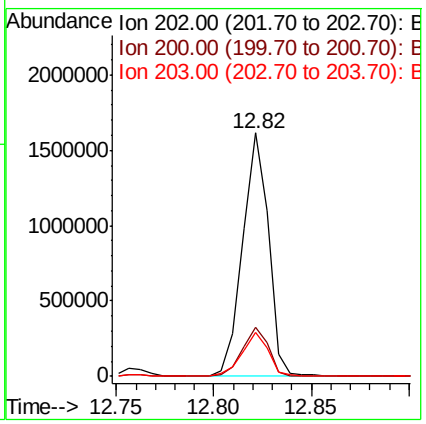


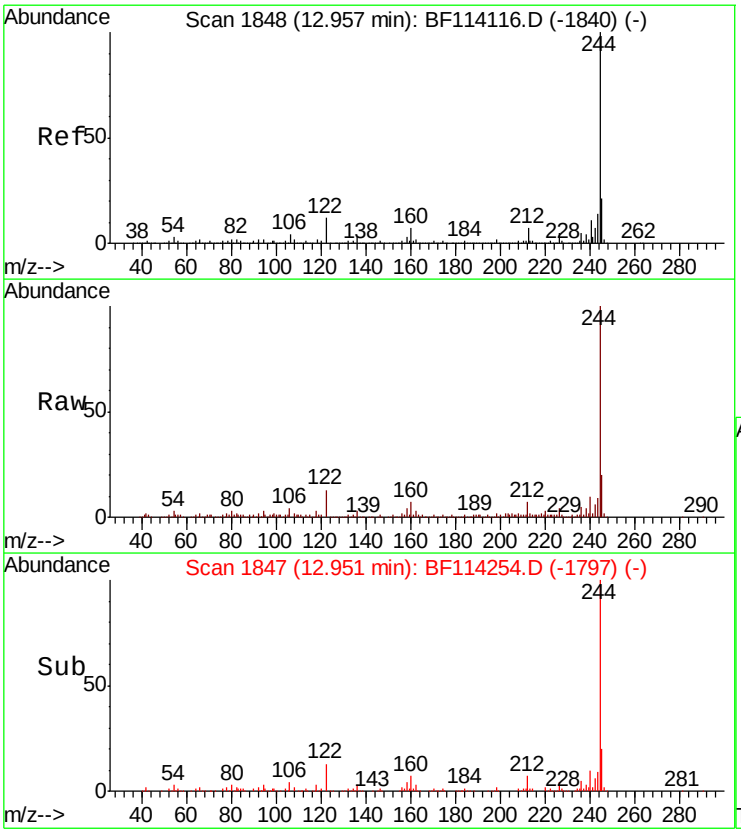
#78
Pyrene
Concen: 29.483 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1479649

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	18.1	14.5	21.7

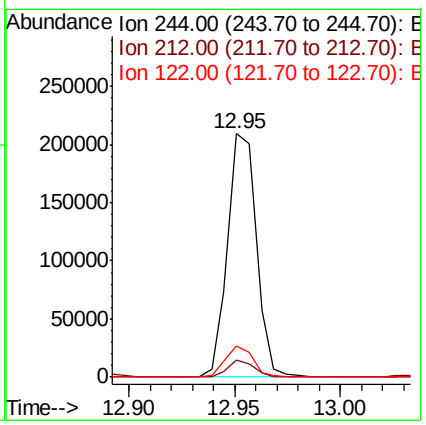


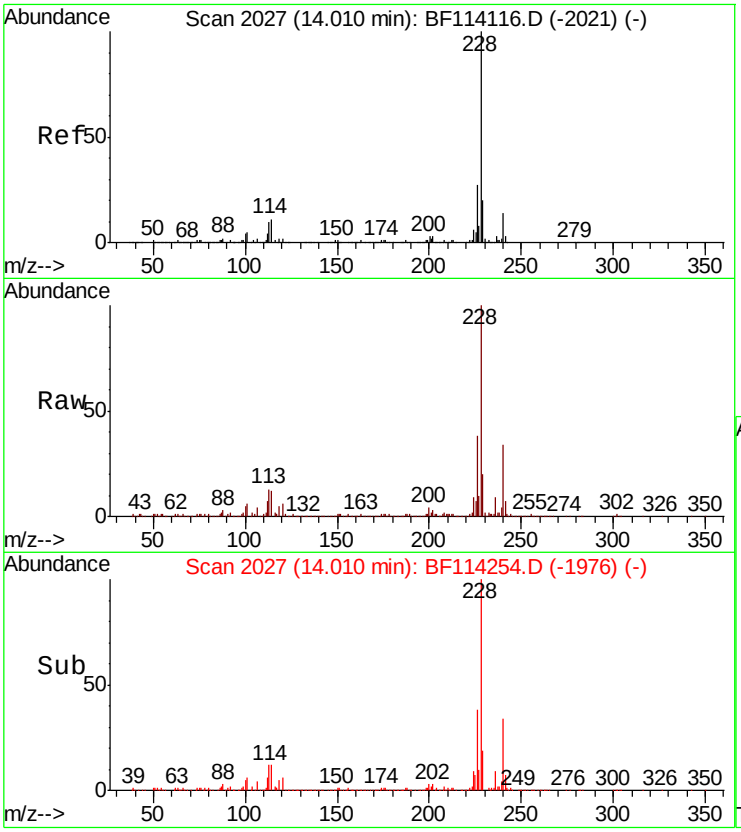


#79
Terphenyl-d14
Concen: 6.533 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:244 Resp: 197711

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.8	9.4	14.2



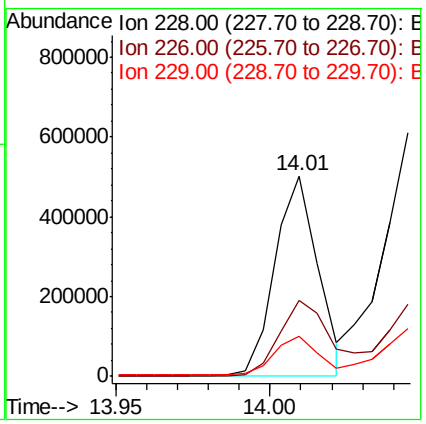


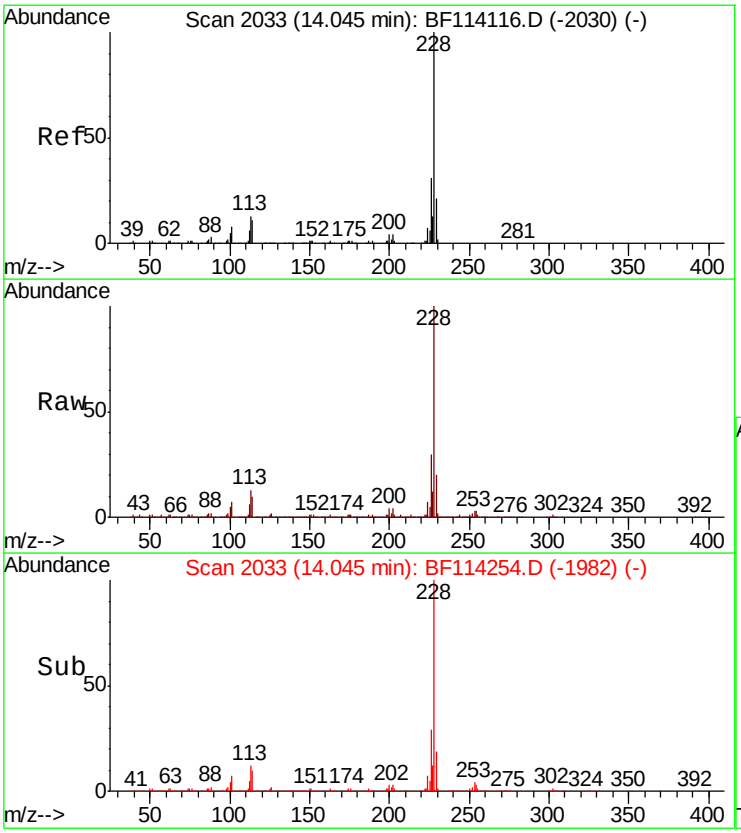
#81
Benzo(a)anthracene
Concen: 12.093 ng m
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 487953

Ion	Ratio	Lower	Upper
228	100		
226	38.2	22.2	33.2#
229	19.8	16.4	24.6

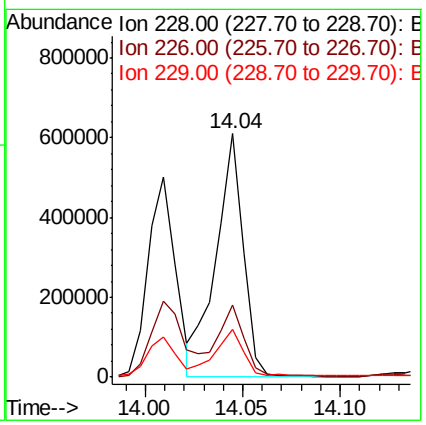


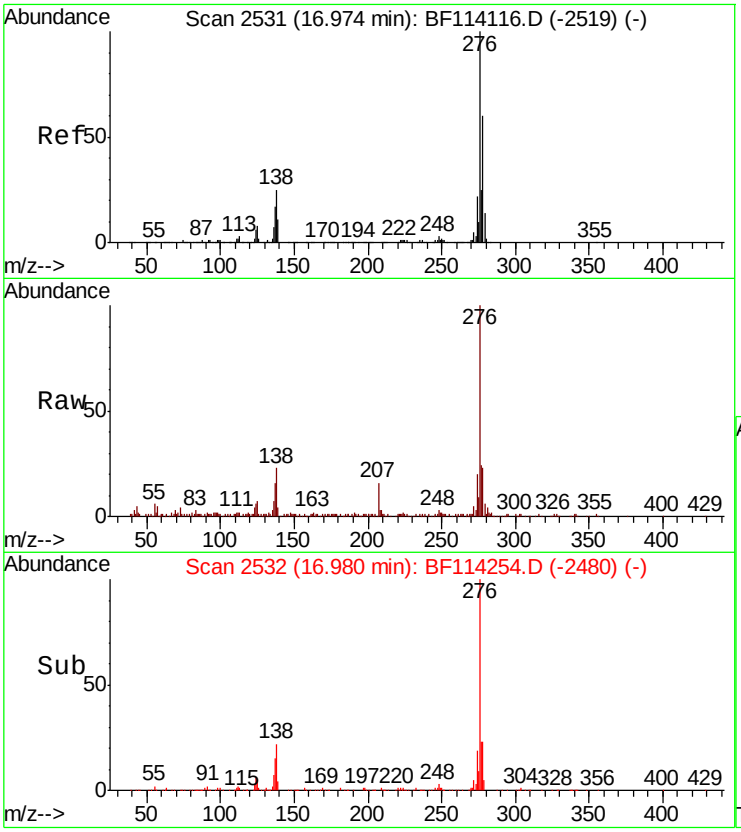


#83
Chrysene
Concen: 14.963 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:228 Resp: 591853

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.5	17.0	25.6



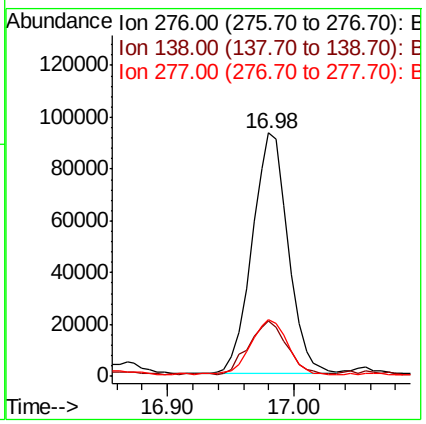


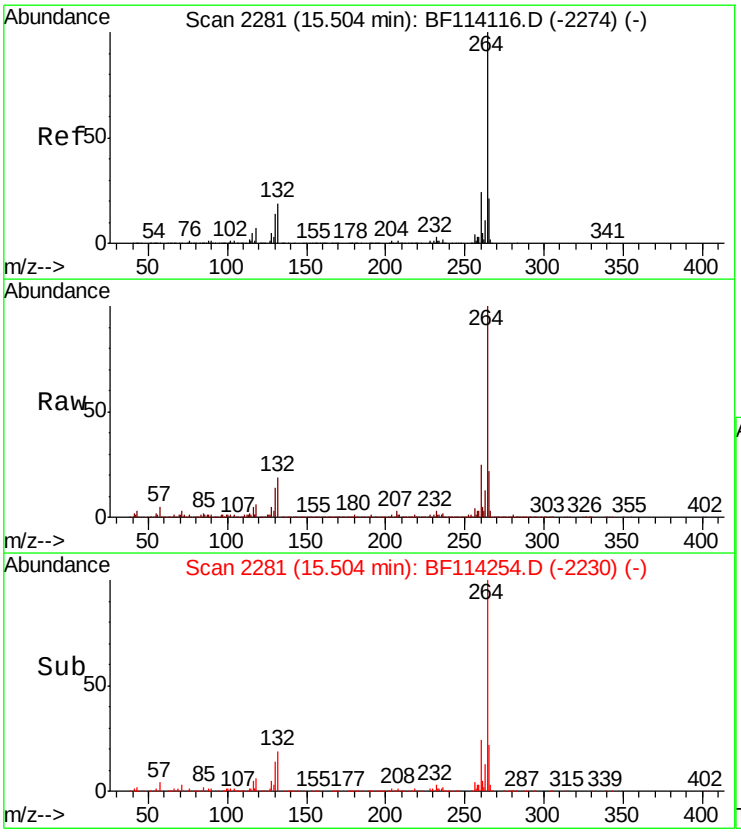
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.267 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 184141

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.2	30.2
277	23.1	20.0	30.0

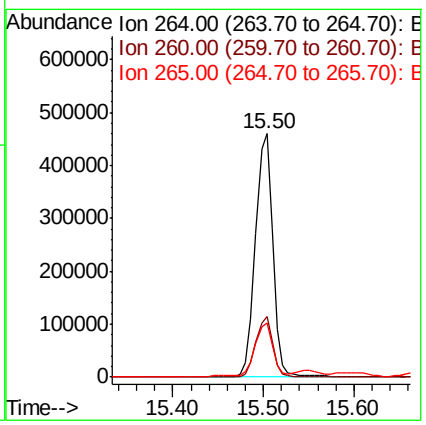


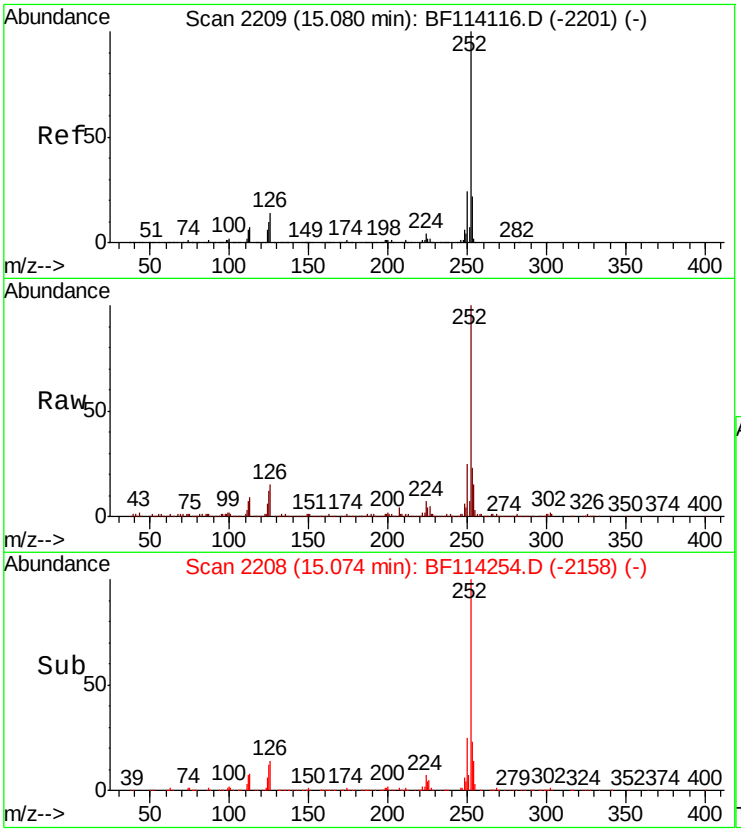


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:264 Resp: 614752

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.3	16.9	25.3



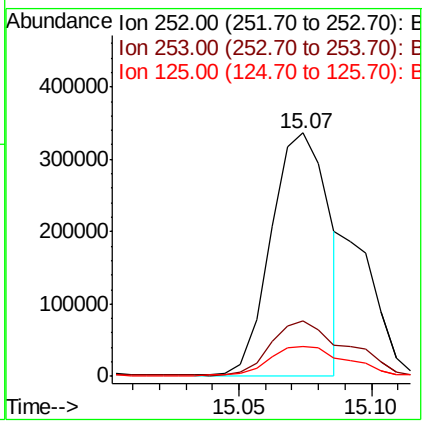


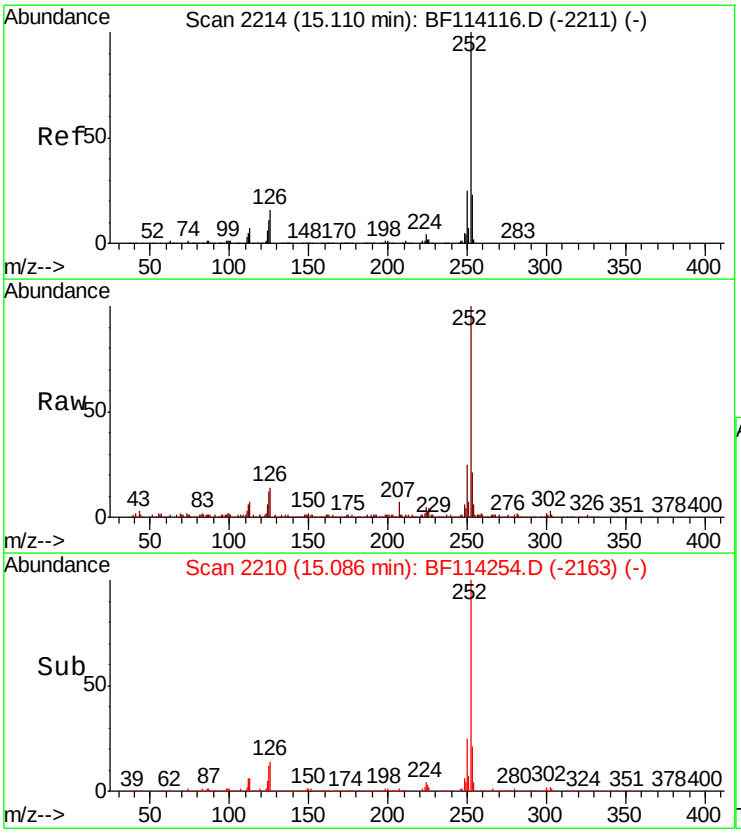
#88
Benzo(b)fluoranthene
Concen: 13.038 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 513485

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.4	8.3	12.5

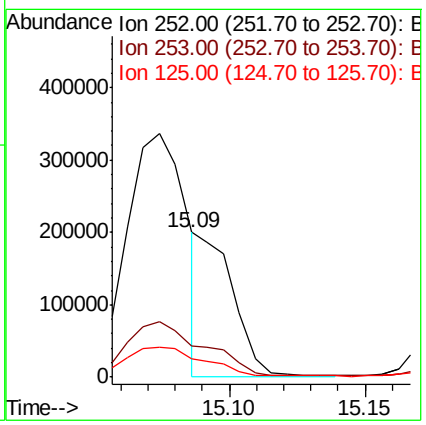


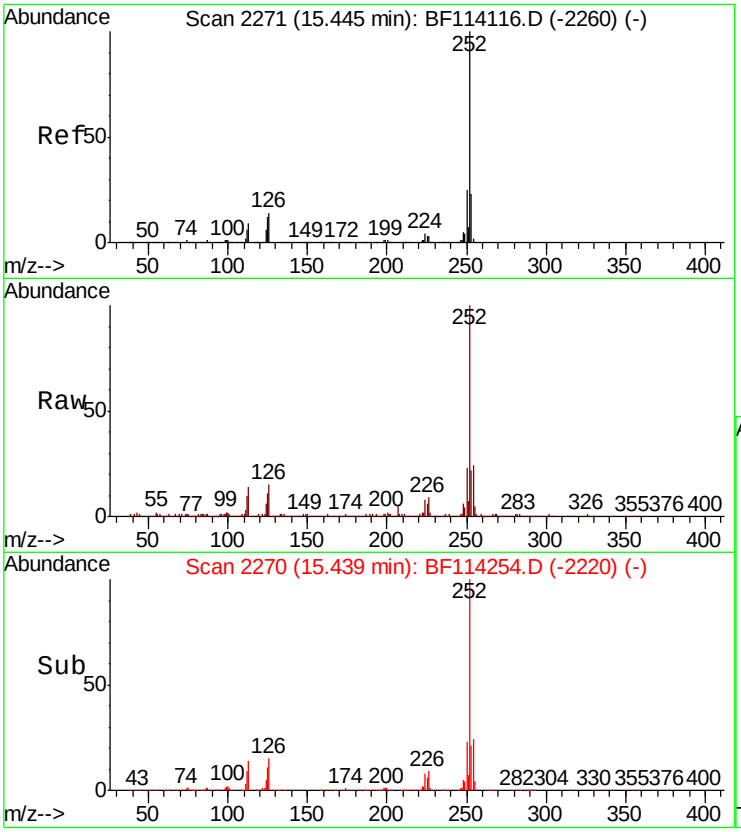


#89
Benzo(k)fluoranthene
Concen: 4.767 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:252 Resp: 172481

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	12.2	8.6	13.0



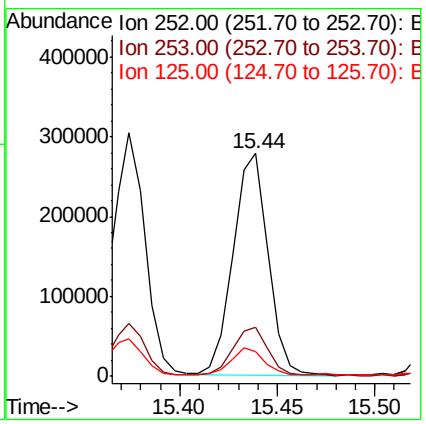


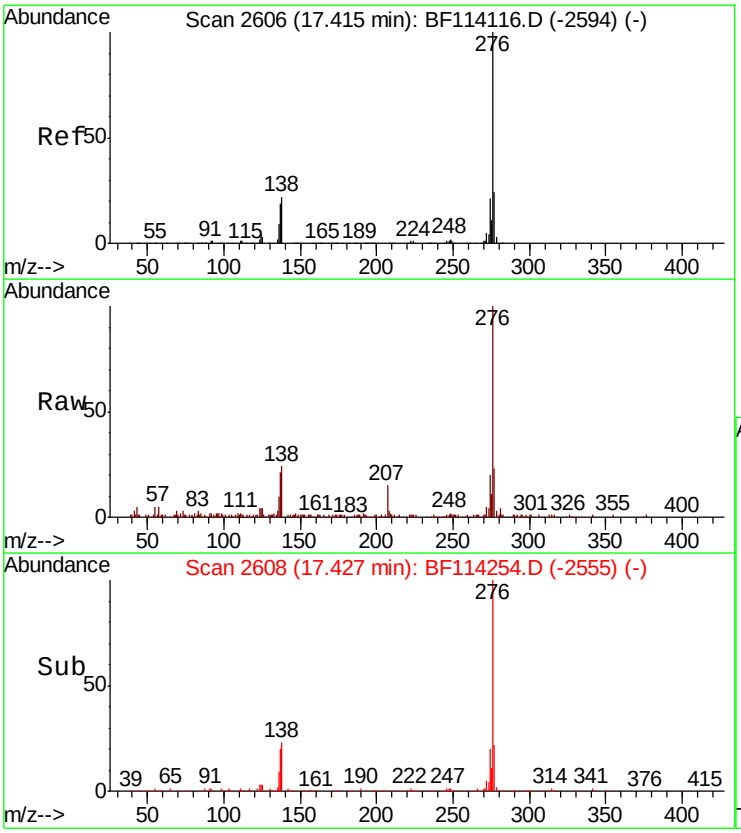
#90
Benzo(a)pyrene
Concen: 10.001 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 346662

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.2	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 7.073 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114254.D
Acq: 14 May 2019 10:43

Tgt Ion:276 Resp: 204143

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	23.9	17.8	26.6