Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111950.D
Acq On : 9 Jan 2019 15:38
Operator : JU/SJ
Sample : K1006-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 10 01:52:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	138191	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	512675	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	247903	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	380037	20.00	ng	0.00
76) Chrysene-d12	14.05	240	328623	20.00	ng	0.00
87) Perylene-d12	15.54	264	252121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	436254	54.01	ng	0.00
7) Phenol-d6	6.52	99	567533	54.51	ng	-0.01
23) Nitrobenzene-d5	7.44	82	353752	36.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	138177	42.85	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	598648	35.21	ng	-0.01
79) Terphenyl-d14	12.99	244	429937	24.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	738	Below Cal	#	1
10) Phenol	6.53	94	27018	2.388	ng	# 76
25) Isophorone	7.44	82	346926	22.334	ng	# 65
31) Naphthalene	8.19	128	110560	4.543	ng	98
37) 2-Methylnaphthalene	8.88	142	47889	3.176	ng	96
38) 1-Methylnaphthalene	8.88	142	47889	3.311	ng	93
50) Dimethylphthalate	9.63	163	68148	3.659	ng	99
51) 2,6-Dinitrotoluene	9.92	165	36573	8.782	ng	# 26
52) Acenaphthene	9.95	154	32852	2.118	ng	97
58) Fluorene	10.47	166	41795	2.546	ng	98
71) Phenanthrene	11.43	178	263365	12.962	ng	98
72) Anthracene	11.48	178	76964	3.731	ng	96
75) Fluoranthene	12.62	202	183227	8.784	ng	98
78) Pyrene	12.86	202	158886	7.027	ng	96
81) Benzo(a)anthracene	14.04	228	72939	3.857	ng	99
83) Chrysene	14.04	228	72939	4.045	ng	95
88) Benzo(b)fluoranthene	15.10	252	89764	5.952	ng	# 90
89) Benzo(k)fluoranthene	15.10	252	89764	6.332	ng	# 91
90) Benzo(a)pyrene	15.47	252	45220	3.410	ng	# 93
92) Benzo(g,h,i)perylene	17.48	276	22389	2.146	ng	96

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

Quantitation Report (Not Reviewed)

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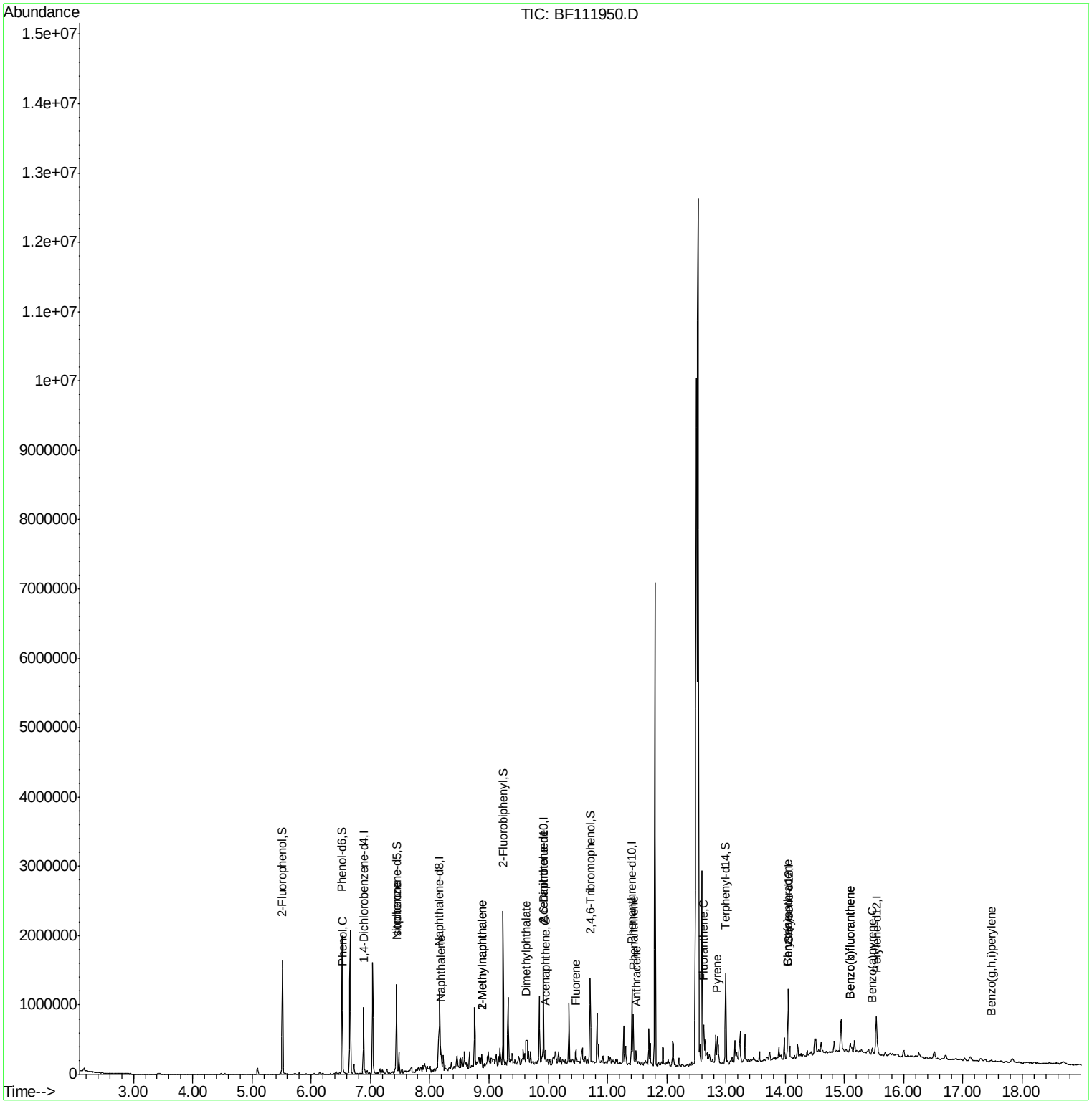
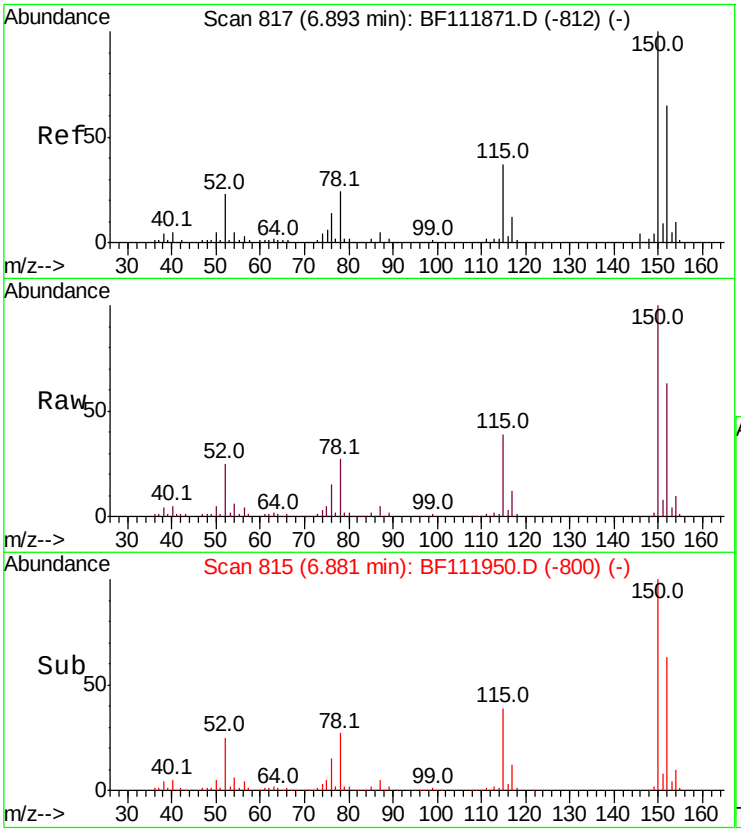


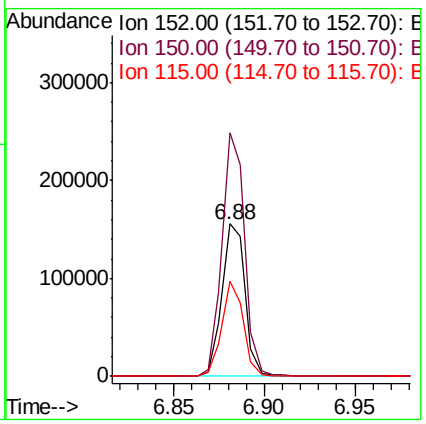


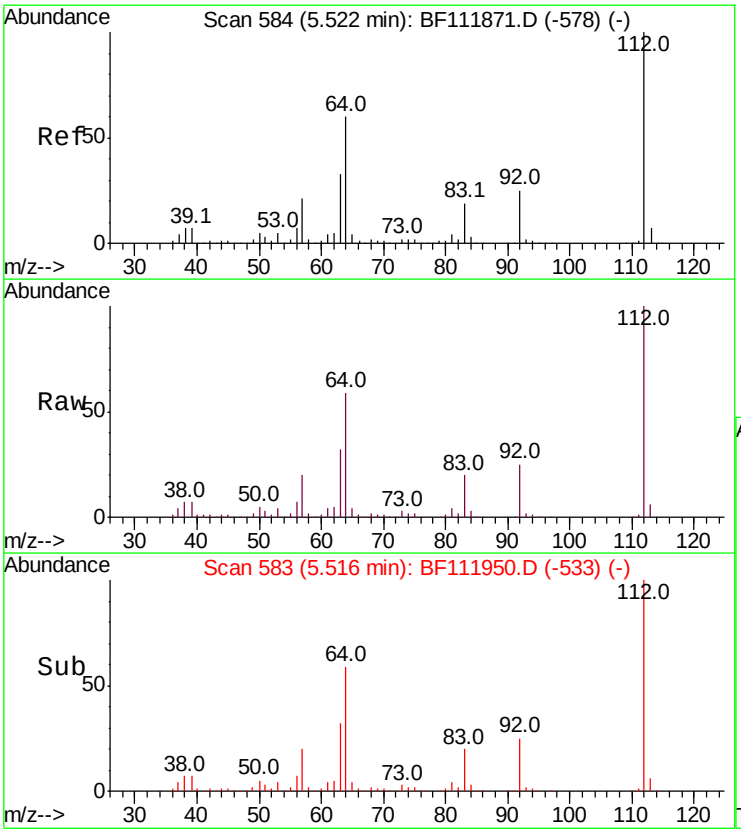
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138191

Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	62.2	45.2	67.8

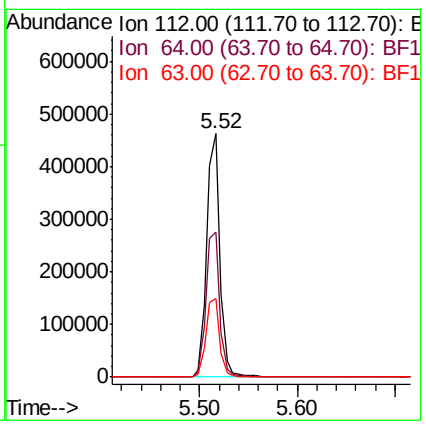


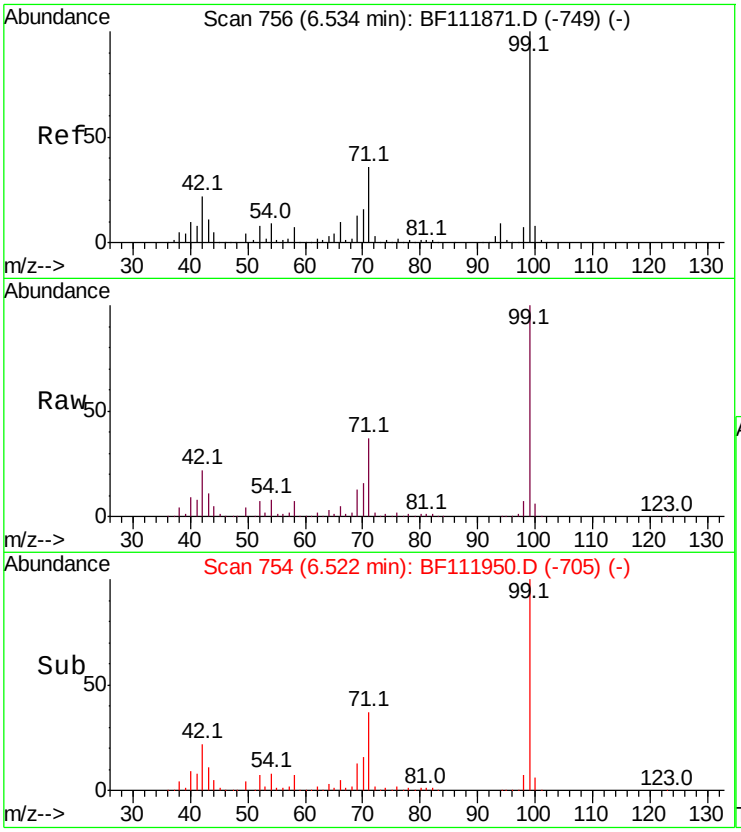


#5
2-Fluorophenol
Concen: 54.009 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:112 Resp: 436254

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.3	72.5
63	32.3	26.1	39.1



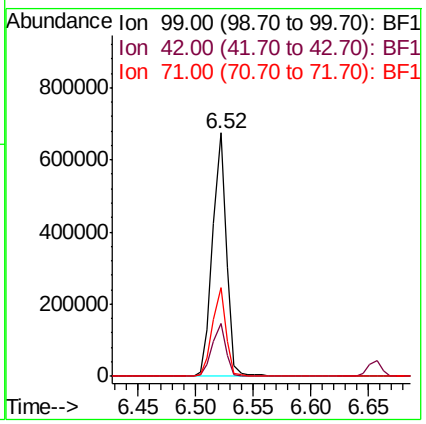


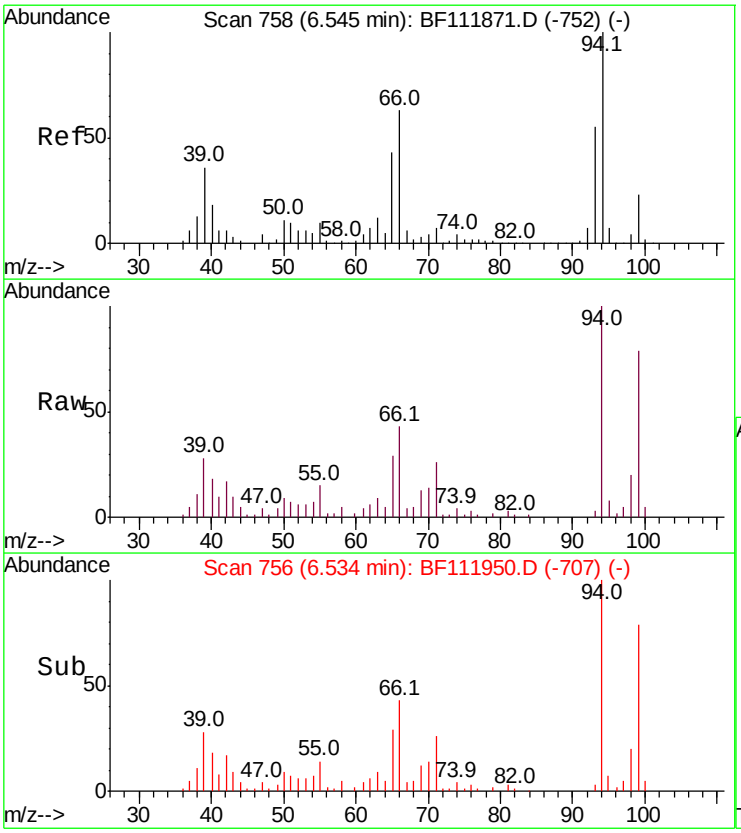
#7
Phenol-d6
Concen: 54.513 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 567533

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	36.7	28.7	43.1

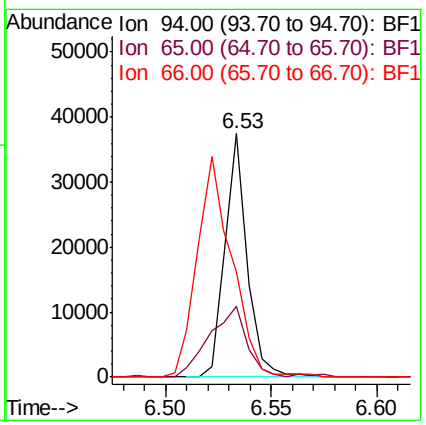


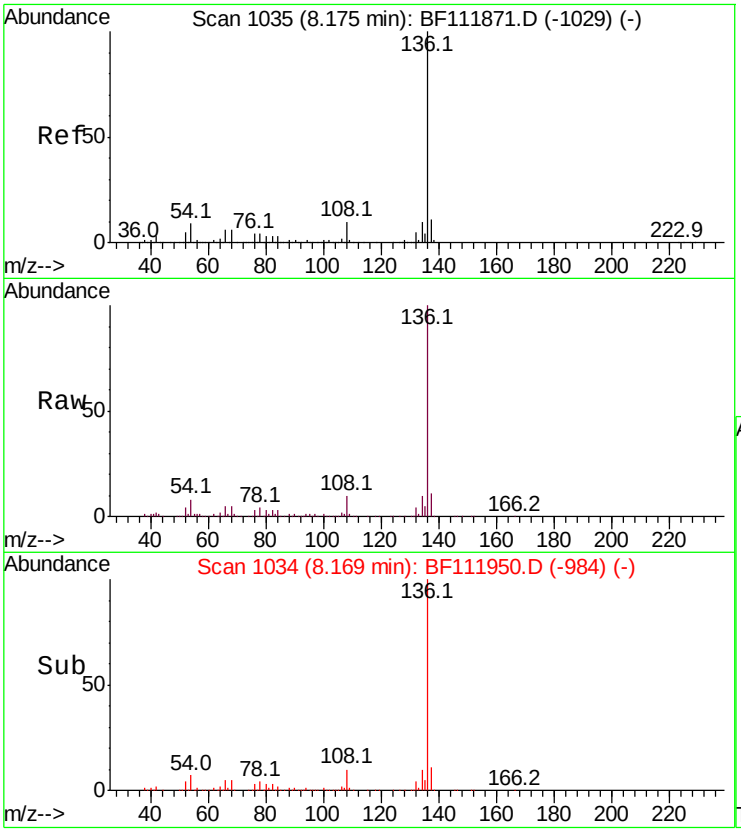


#10
Phenol
Concen: 2.388 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion: 94 Resp: 27018

Ion	Ratio	Lower	Upper
94	100		
65	29.0	22.8	62.8
66	43.3	43.3	83.3#



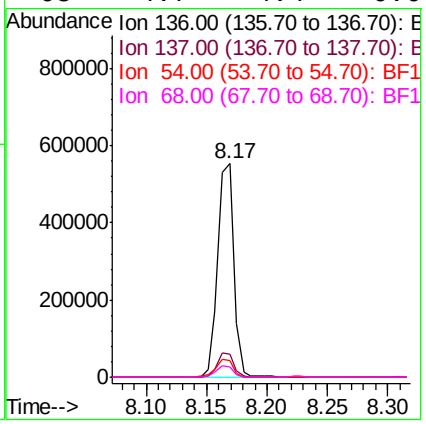


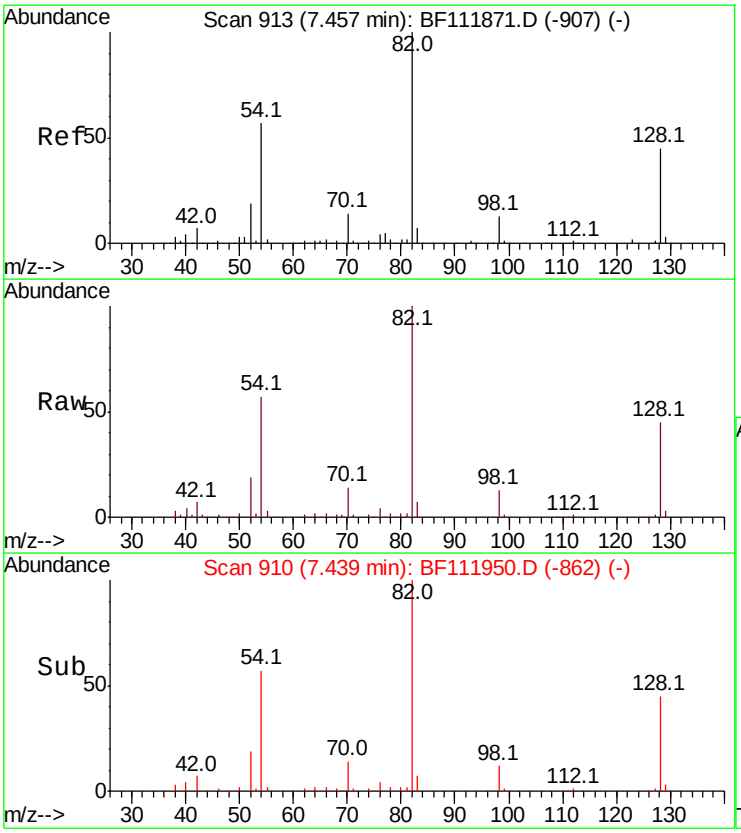
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512675

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.6	7.2	10.8
68	4.7	4.4	6.6

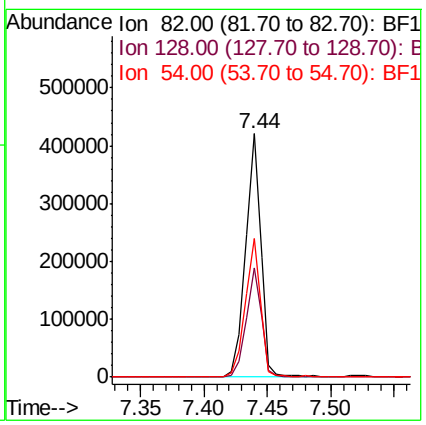


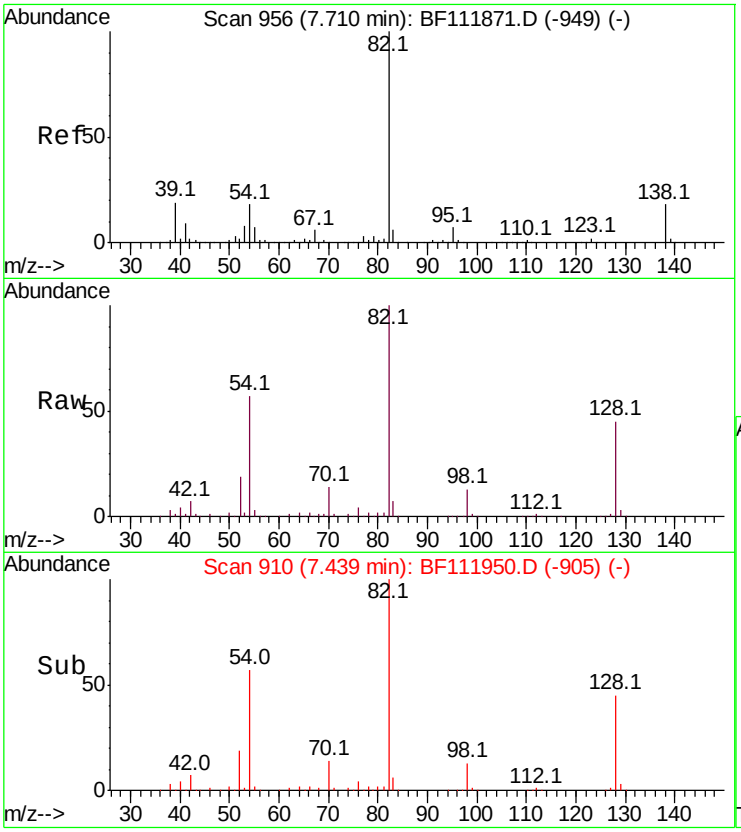


#23
Nitrobenzene-d5
Concen: 36.878 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion: 82 Resp: 353752

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	57.2	45.8	68.8



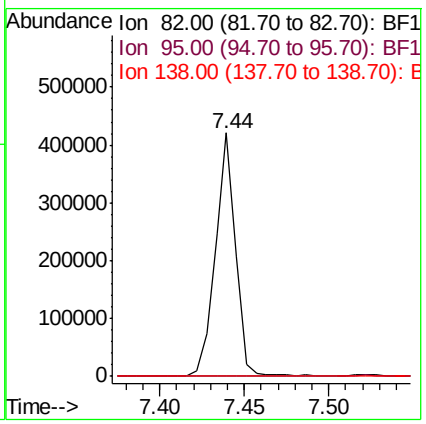


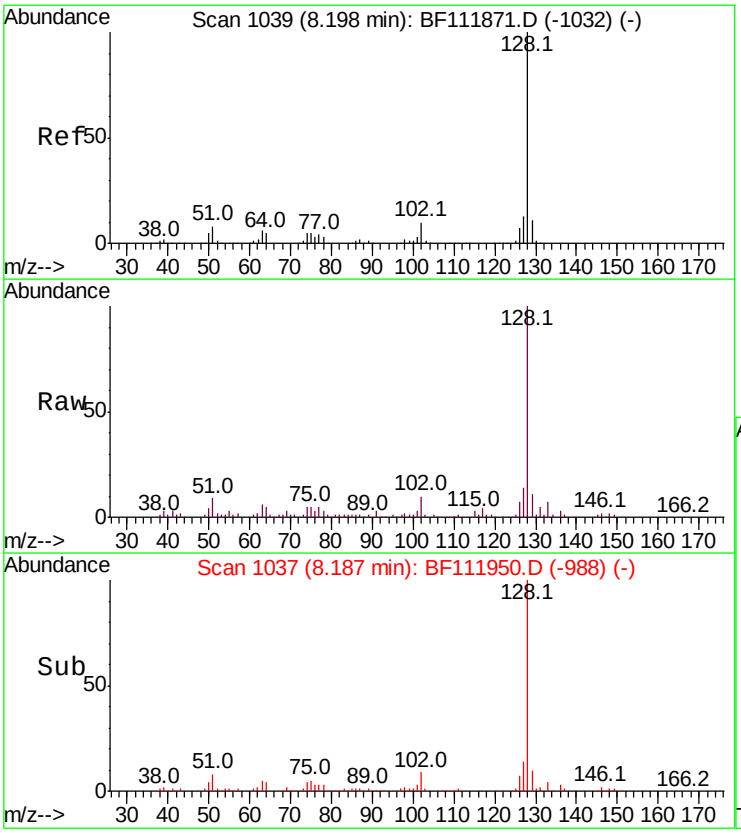
#25
Isophorone
Concen: 22.334 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 346926

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.4	21.6#

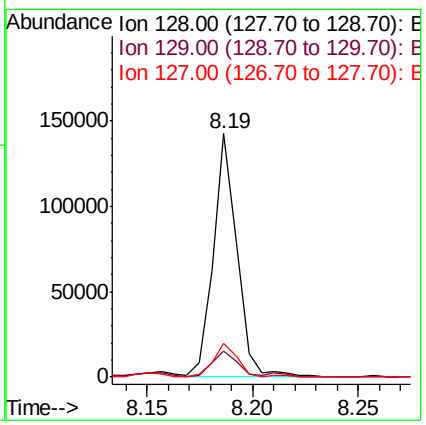


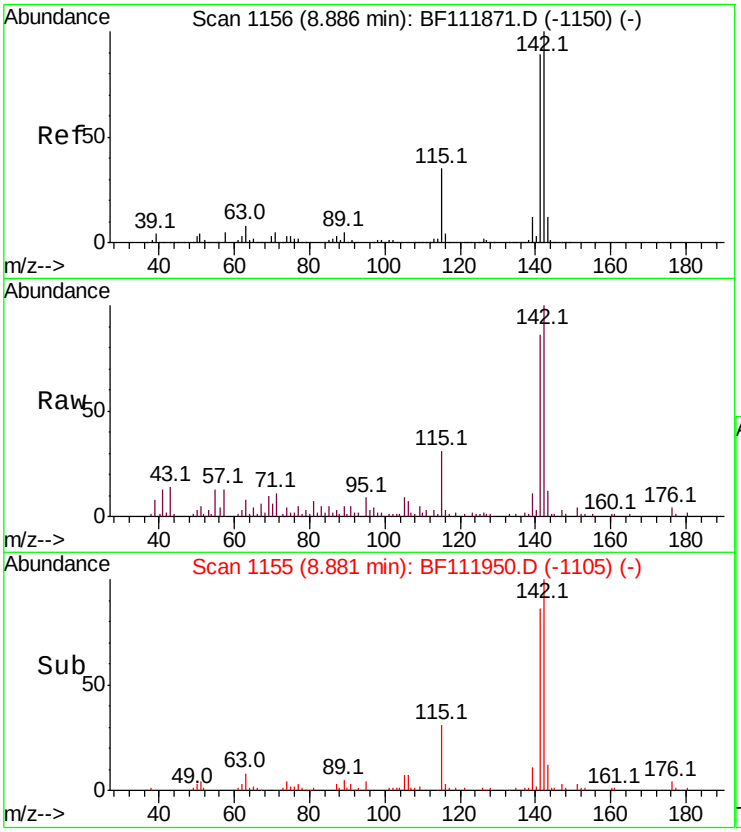


#31
Naphthalene
Concen: 4.543 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:128 Resp: 110560

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	14.1	10.7	16.1



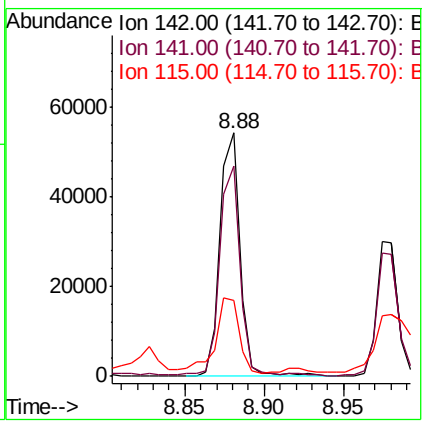


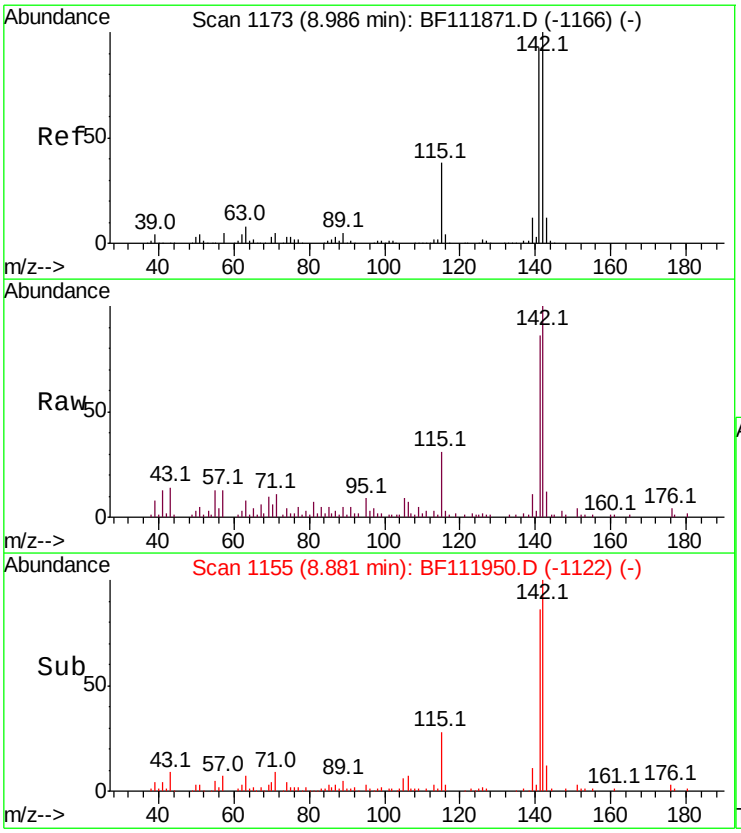
#37
2-Methylnaphthalene
Concen: 3.176 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 47889

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.4	107.2
115	31.0	28.3	42.5

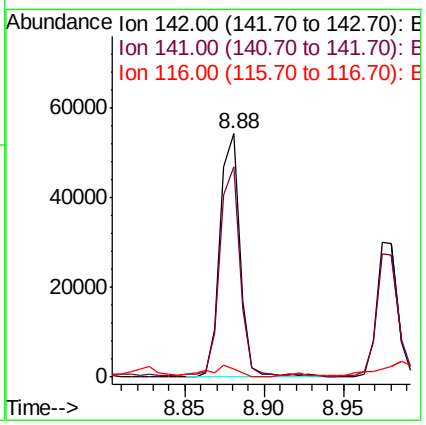


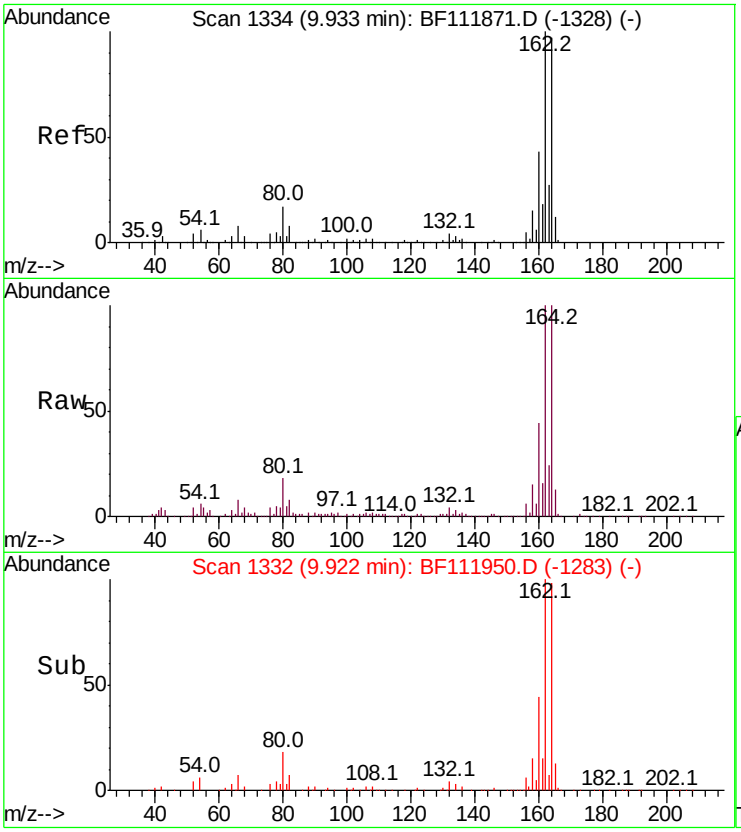


#38
1-Methylnaphthalene
Concen: 3.311 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:142 Resp: 47889

Ion	Ratio	Lower	Upper
142	100		
141	86.4	74.8	112.2
116	3.3	3.1	4.7



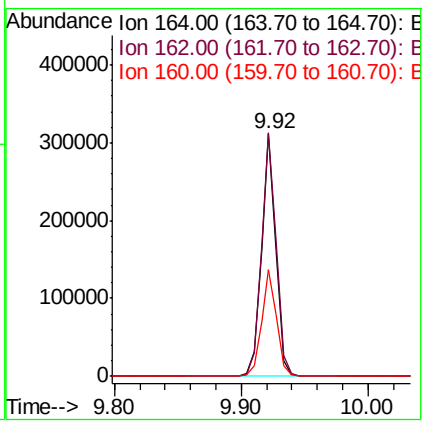


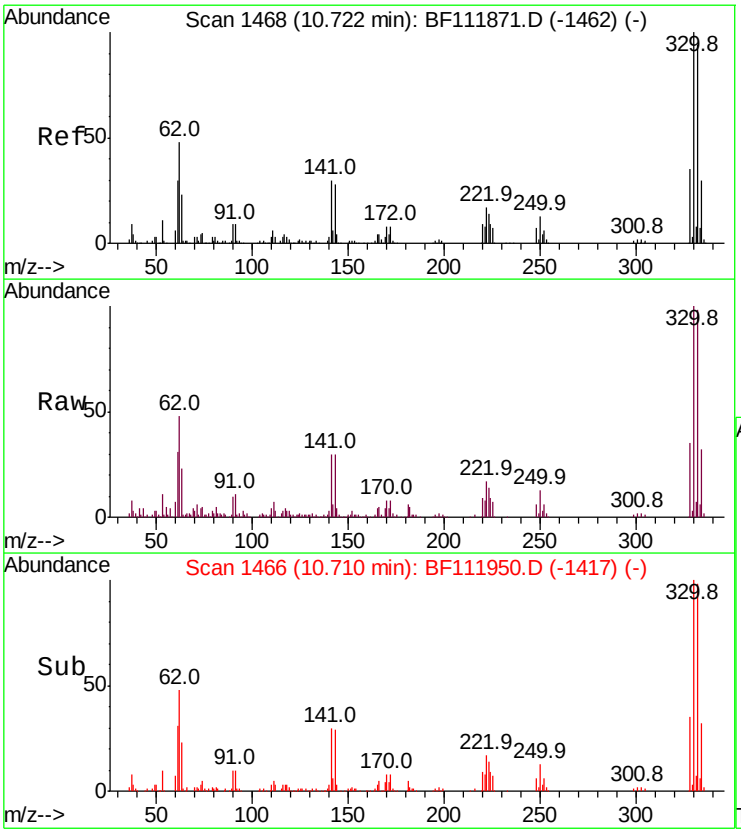
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 247903

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	44.1	35.5	53.3

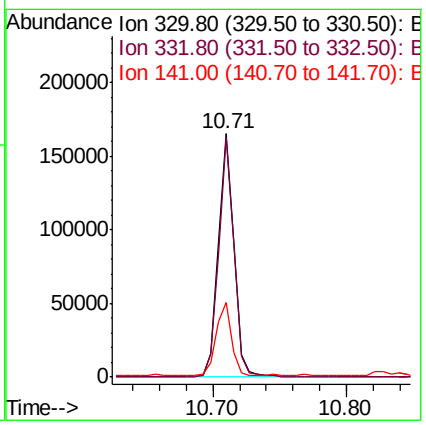


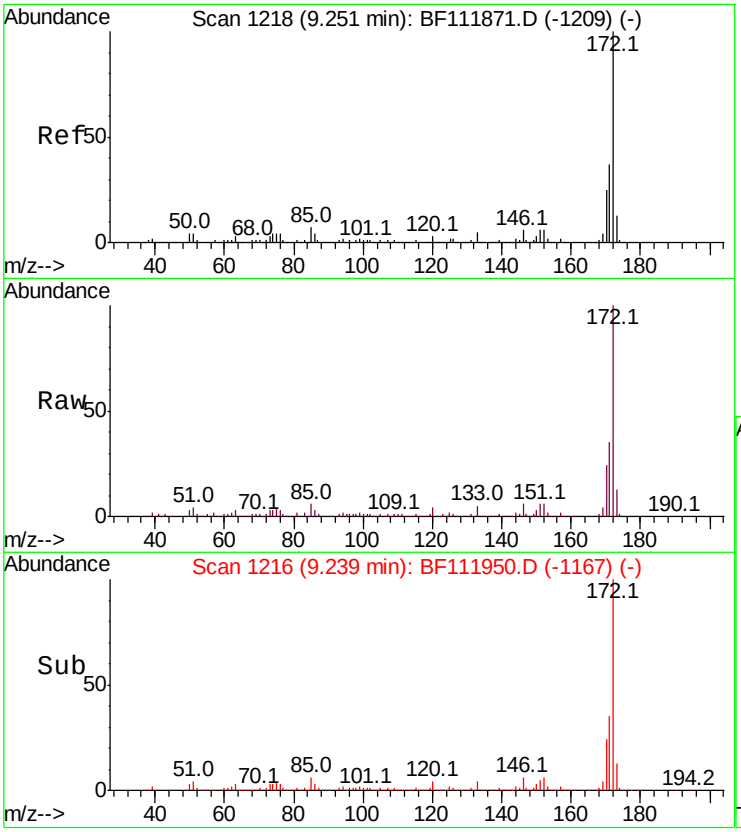


#42
2,4,6-Tribromophenol
Concen: 42.853 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:330 Resp: 138177

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	29.4	23.7	35.5



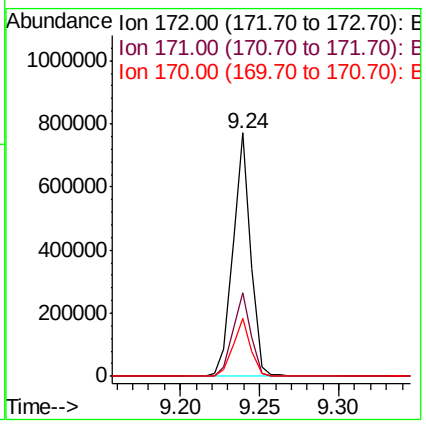


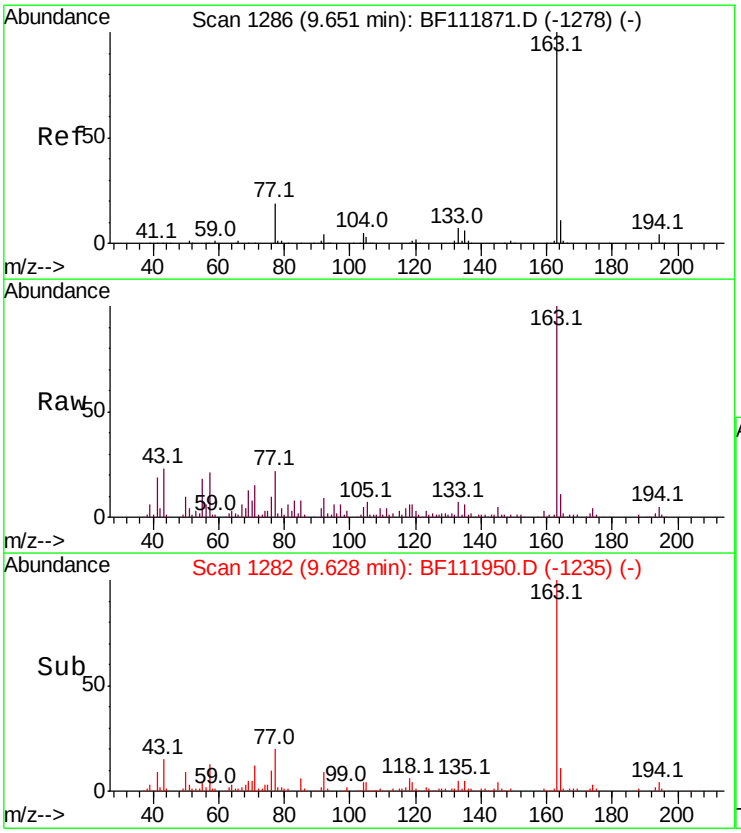
#45
2-Fluorobiphenyl
Concen: 35.213 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 598648

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.7	19.8	29.8

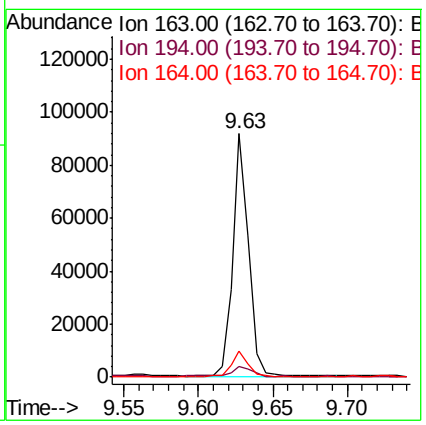


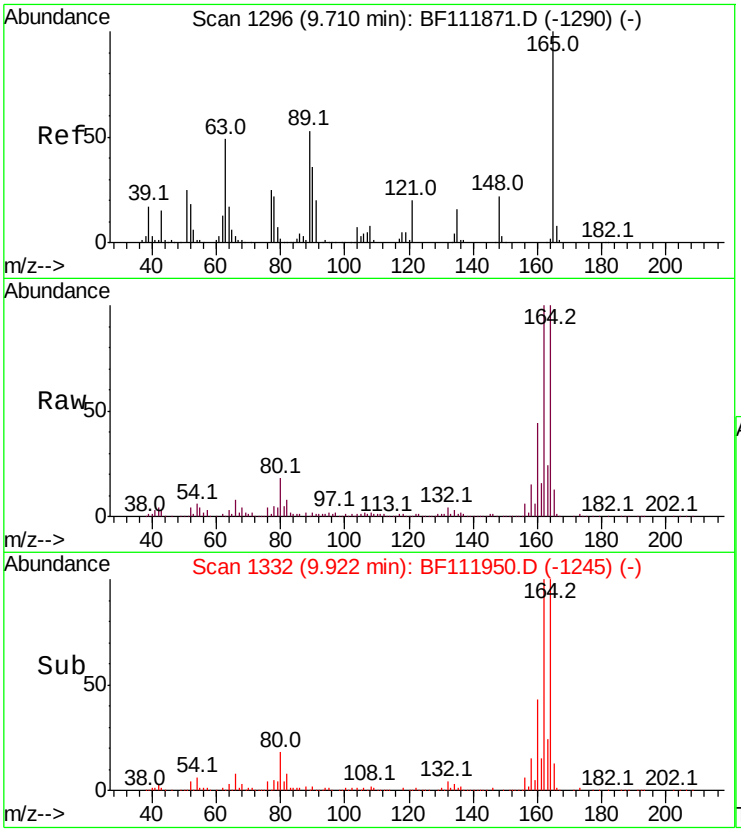


#50
Dimethylphthalate
Concen: 3.659 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:163 Resp: 68148

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.9	8.5	12.7



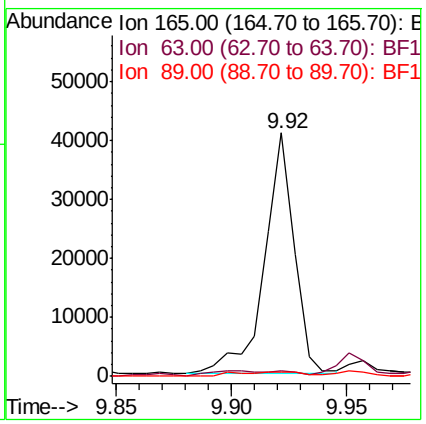


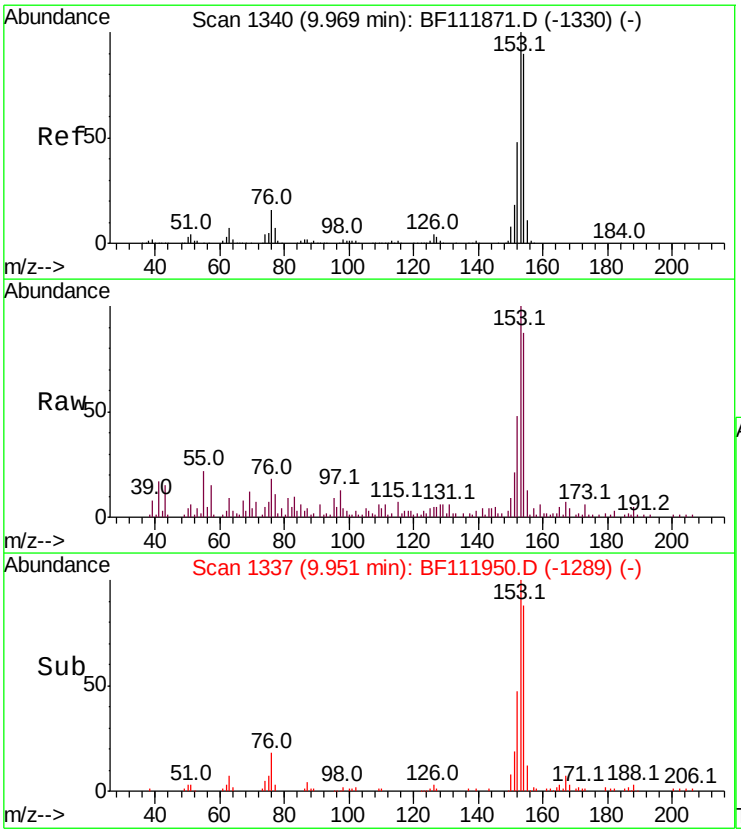
#51
2,6-Dinitrotoluene
Concen: 8.782 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36573

Ion	Ratio	Lower	Upper
165	100		
63	2.1	46.2	69.2#
89	1.6	42.2	63.2#

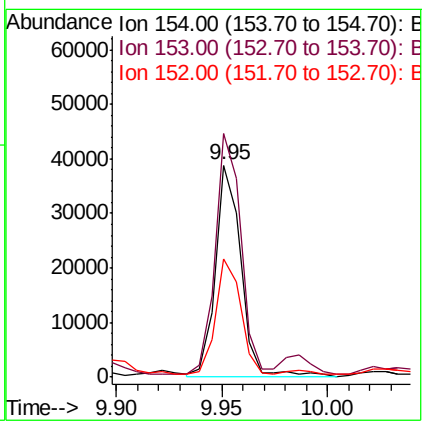


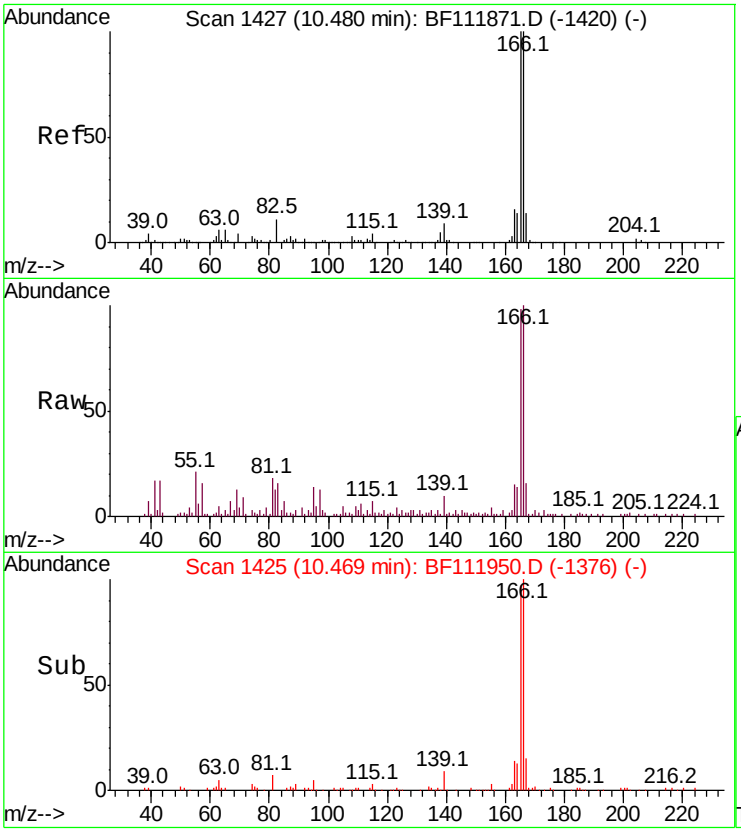


#52
Acenaphthene
Concen: 2.118 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:154 Resp: 32852

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.4	134.0
152	55.5	43.1	64.7



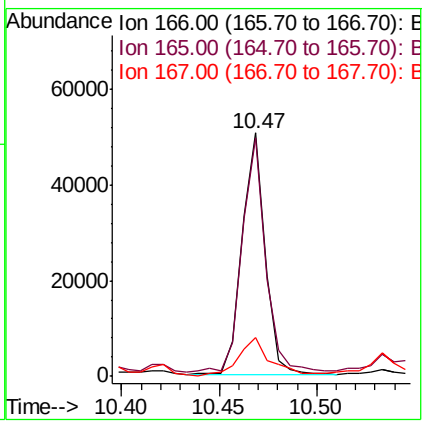


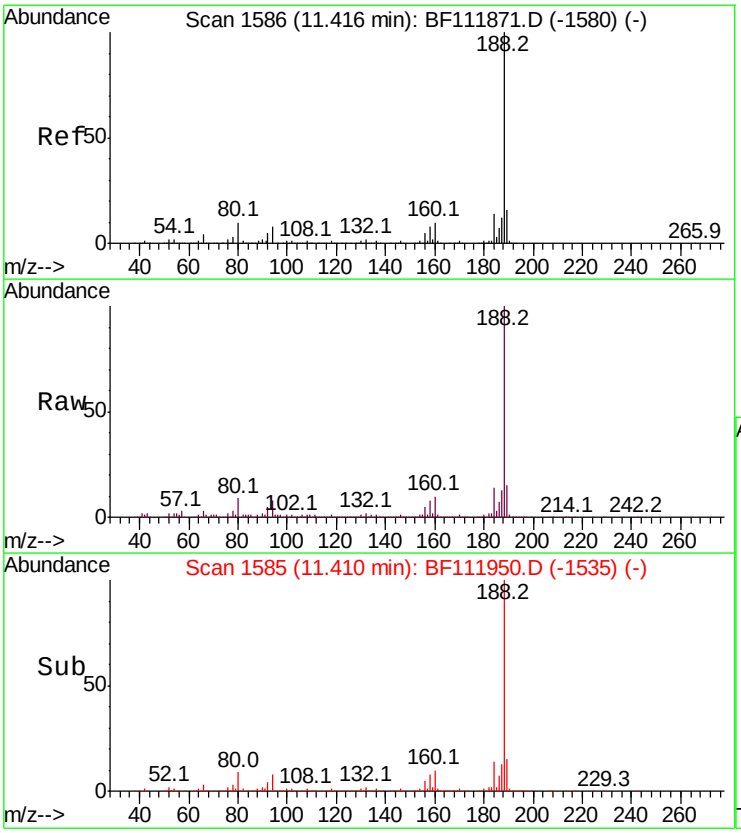
#58
Fluorene
Concen: 2.546 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 41795

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.7	119.5
167	15.7	11.1	16.7

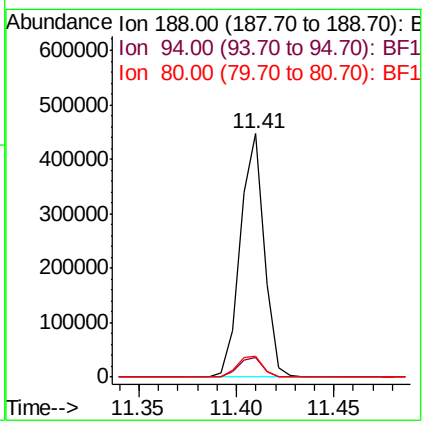


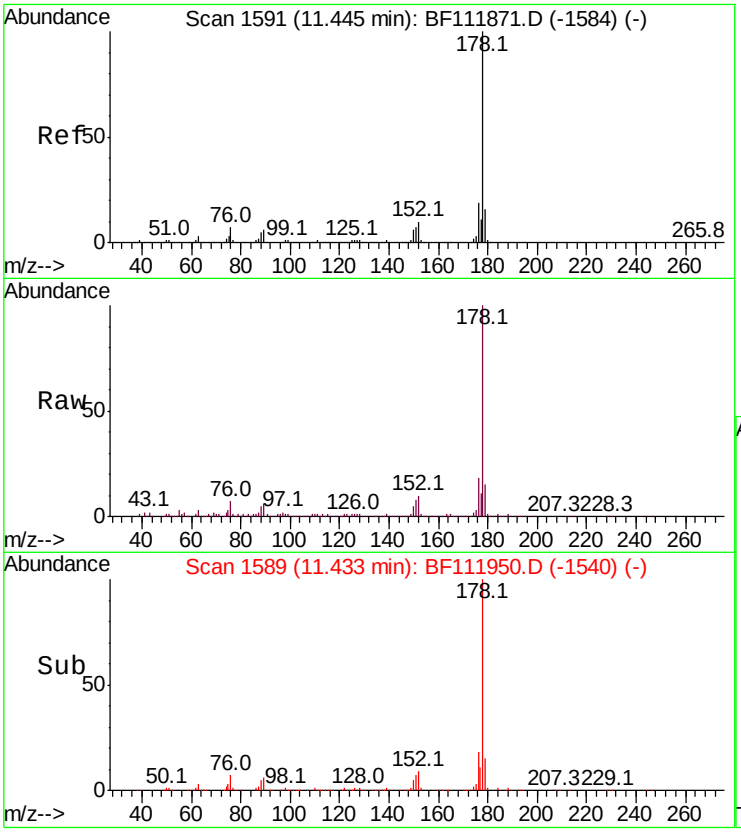


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:188 Resp: 380037

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.7	7.7	11.5



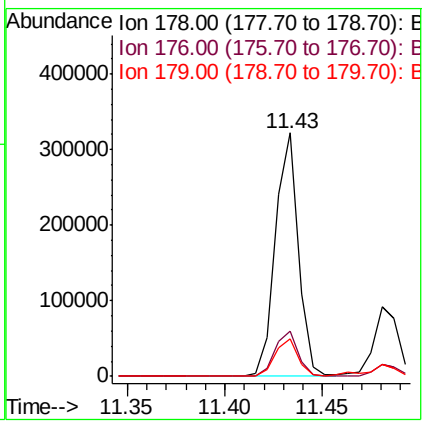


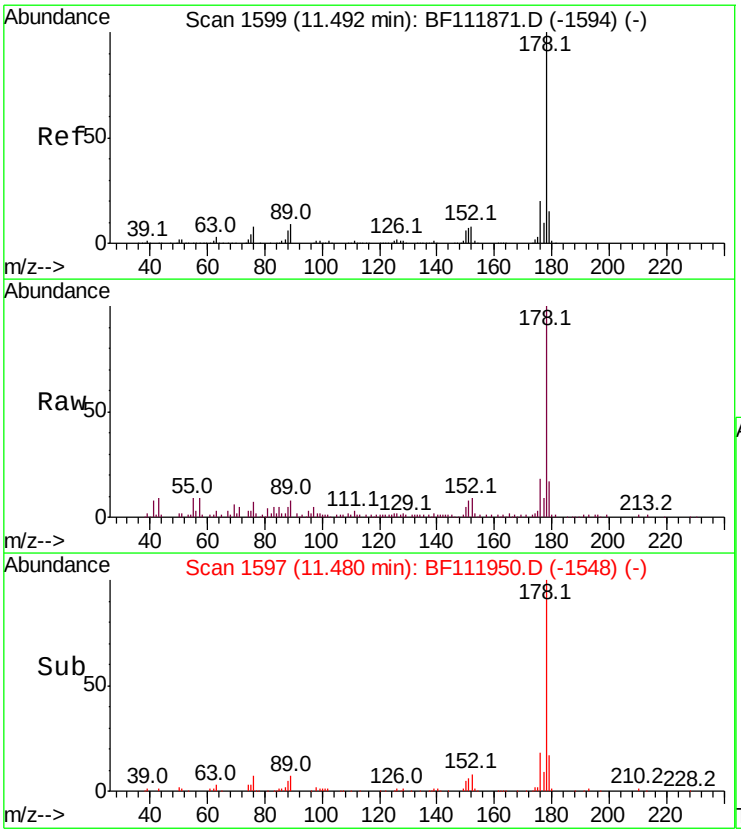
#71
Phenanthrene
Concen: 12.962 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 263365

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.4	12.6	18.8

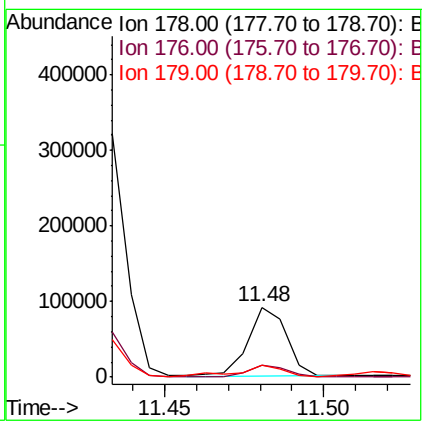


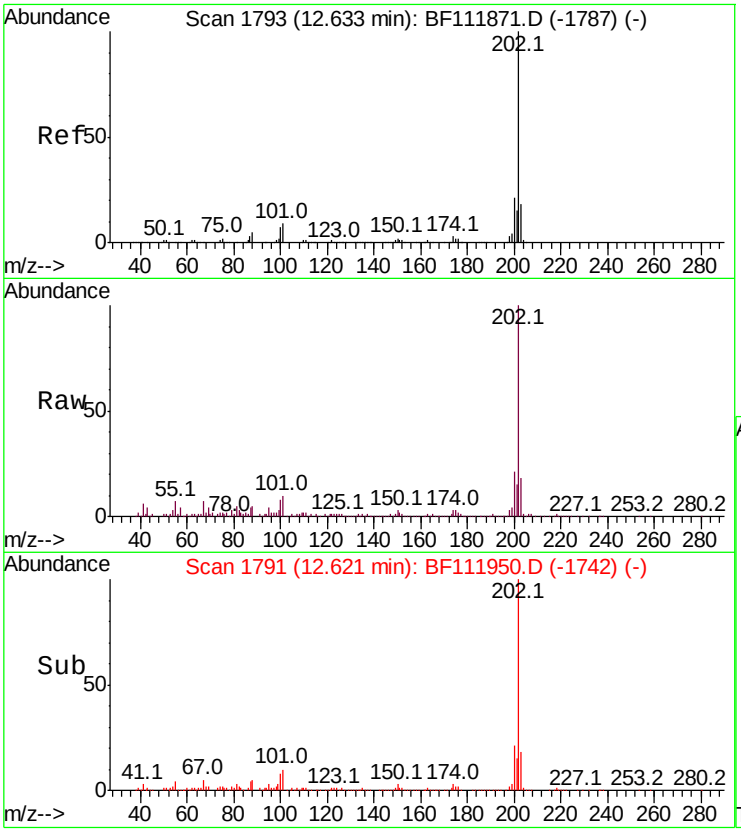


#72
Anthracene
Concen: 3.731 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:178 Resp: 76964

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.7	23.5
179	17.2	12.4	18.6



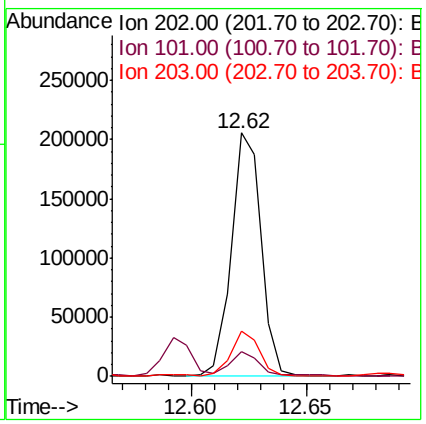


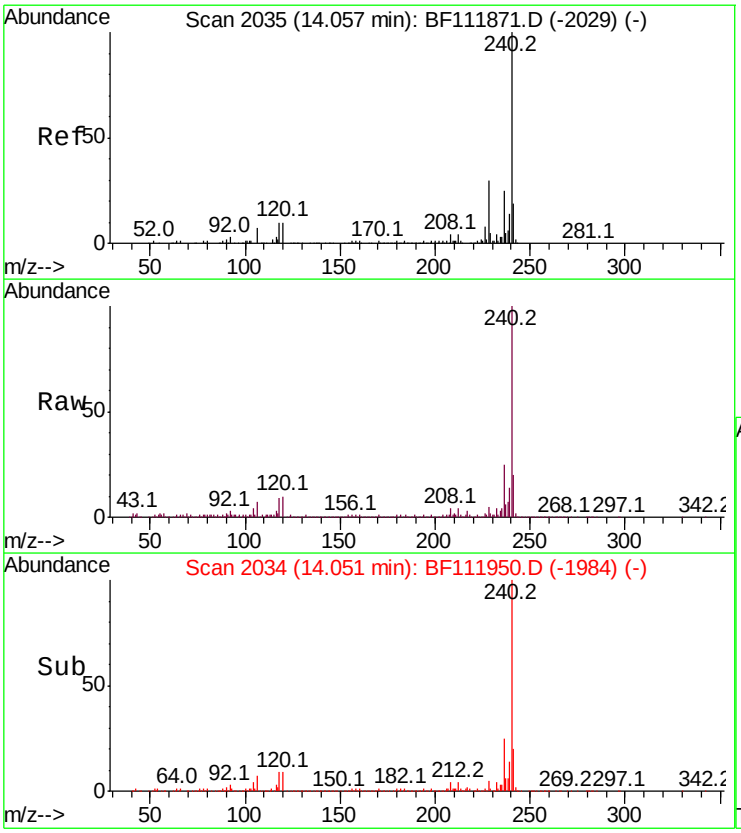
#75
Fluoranthene
Concen: 8.784 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 183227

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.3
203	18.4	0.0	37.6

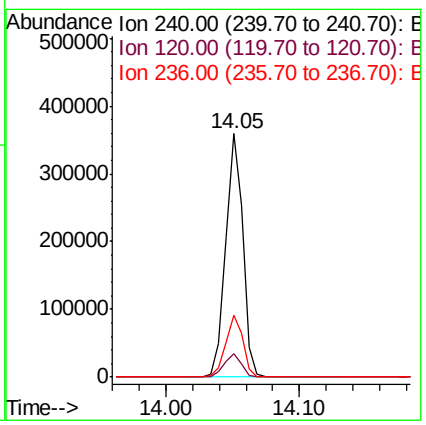


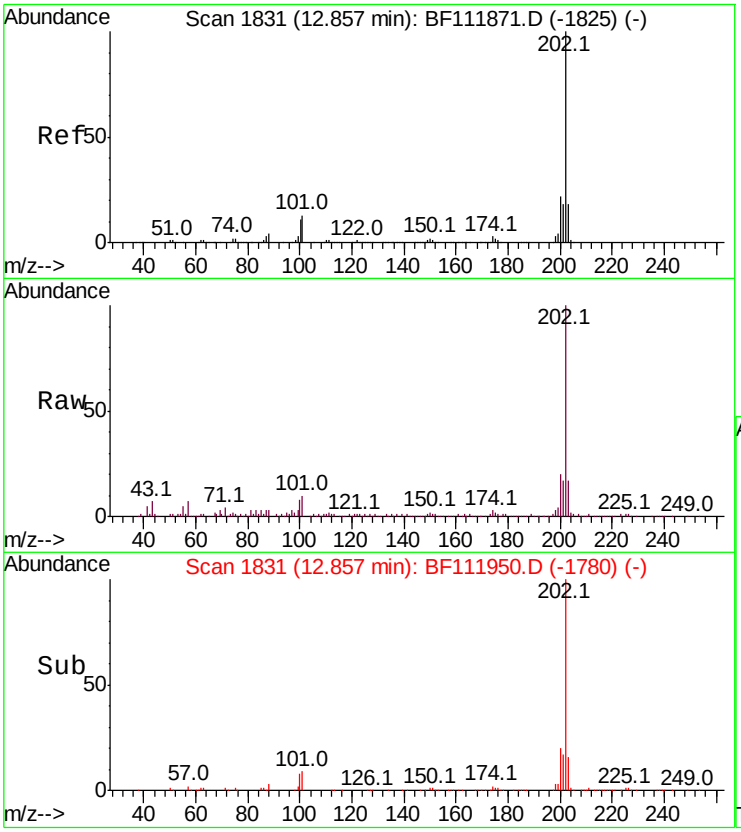


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:240 Resp: 328623

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.4	20.2	30.4



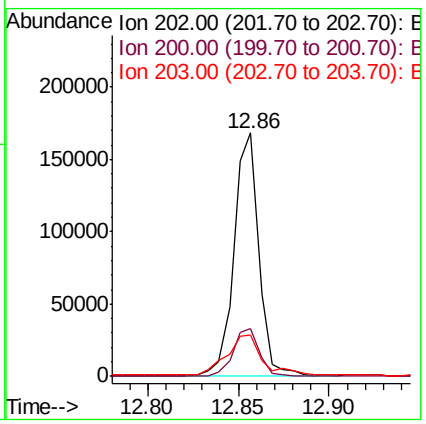


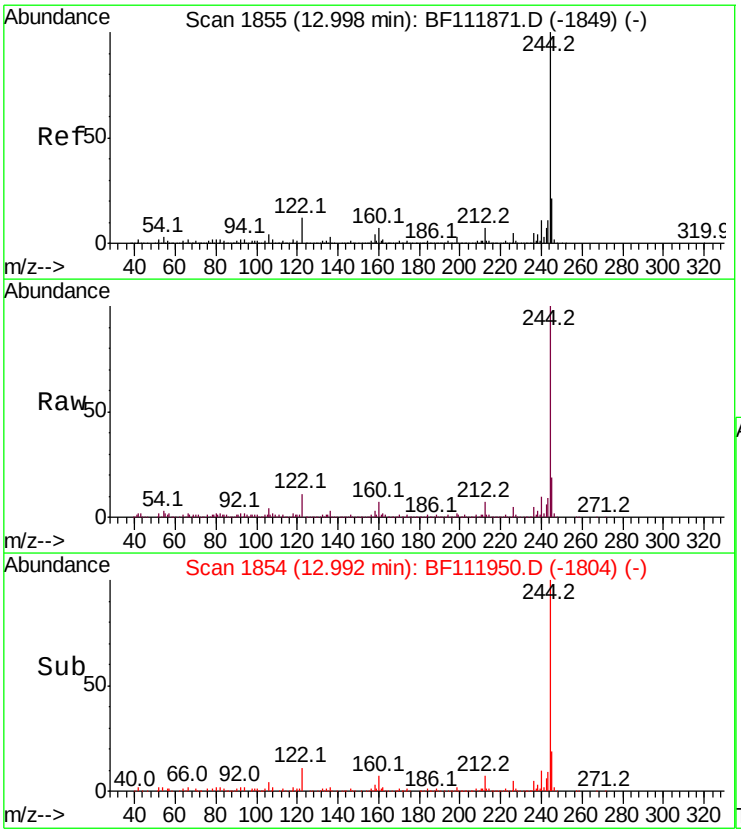
#78
Pyrene
Concen: 7.027 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 158886

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.9	14.6	21.8

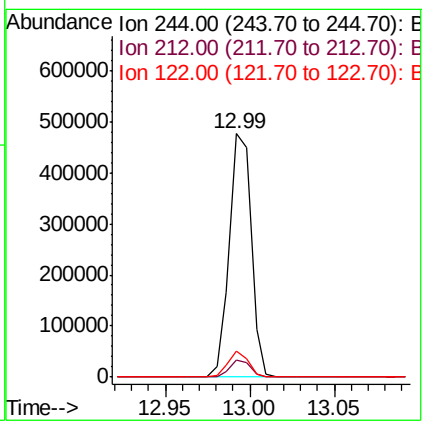


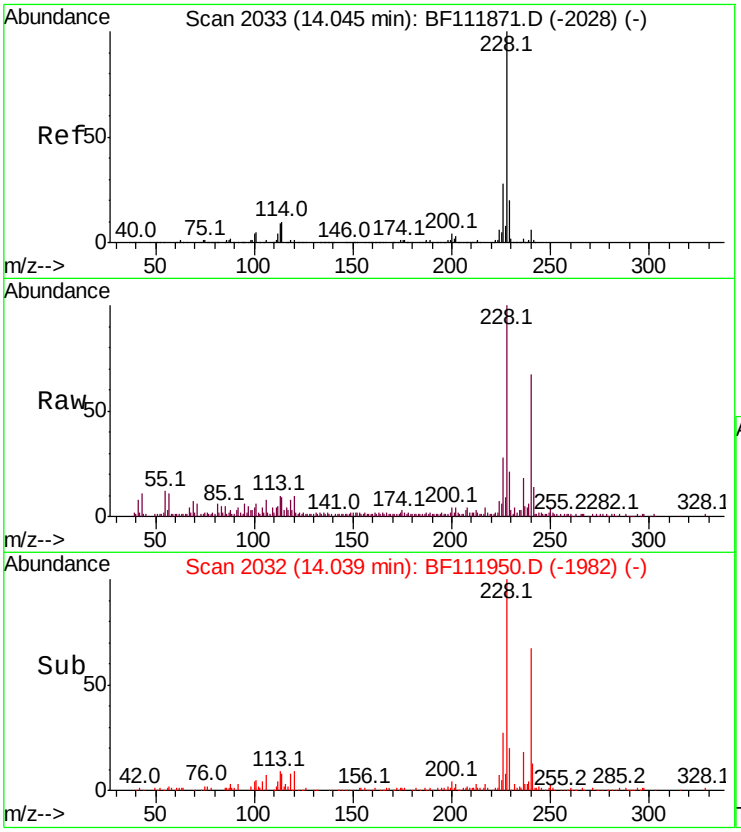


#79
Terphenyl-d14
Concen: 24.834 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:244 Resp: 429937

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.8	9.5	14.3



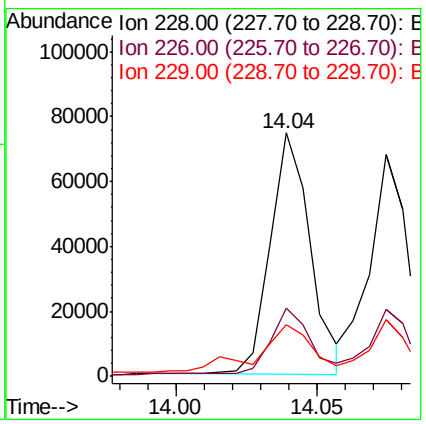


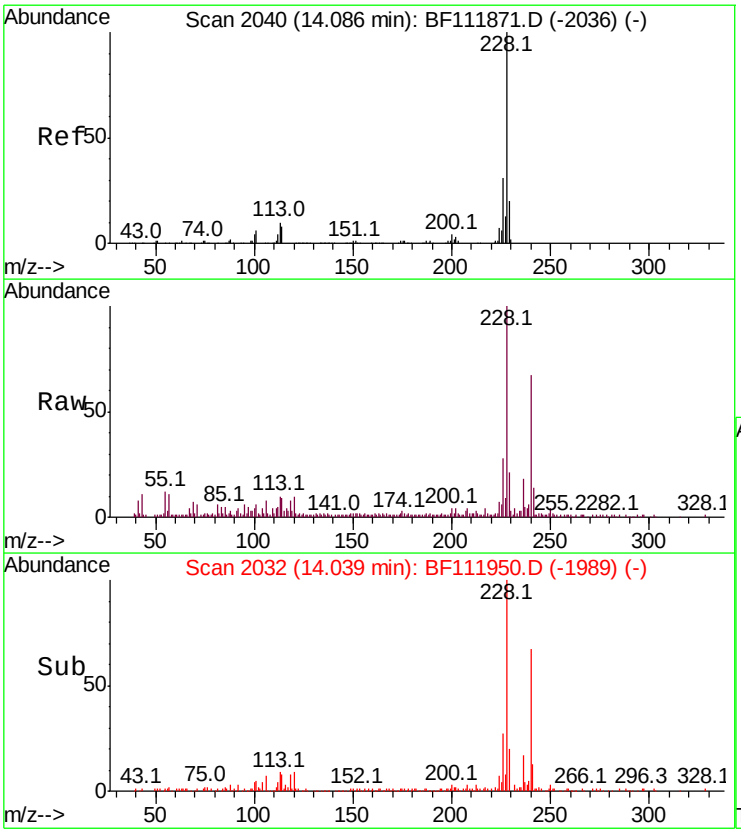
#81
Benzo(a)anthracene
Concen: 3.857 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 72939

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	21.1	16.2	24.2

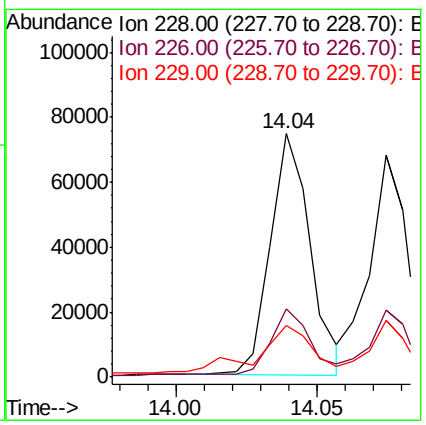


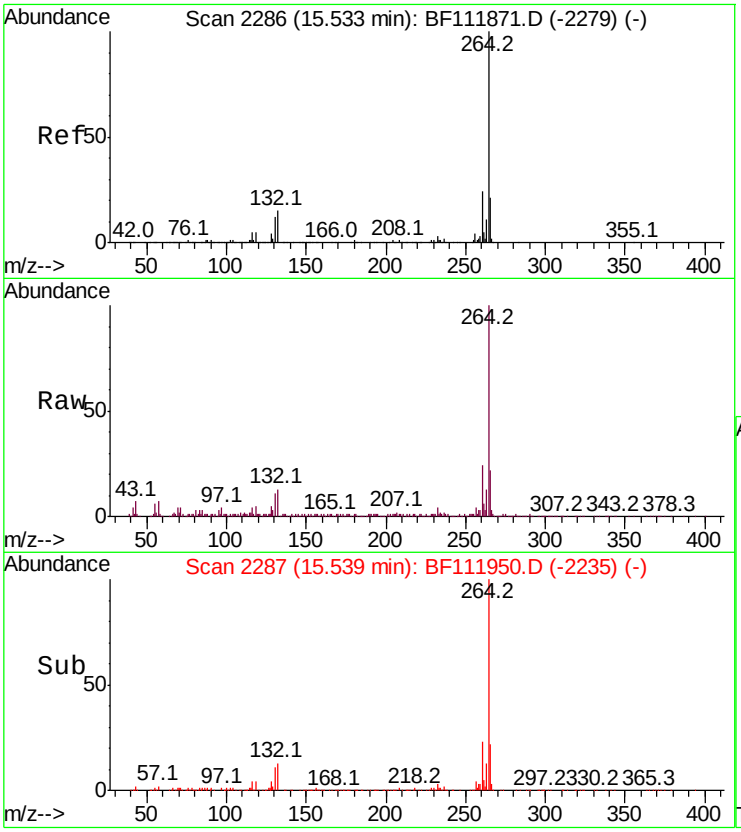


#83
Chrysene
Concen: 4.045 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:228 Resp: 72939

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.6	37.0
229	21.1	15.7	23.5



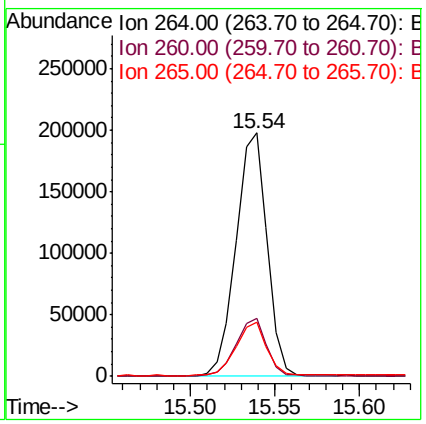


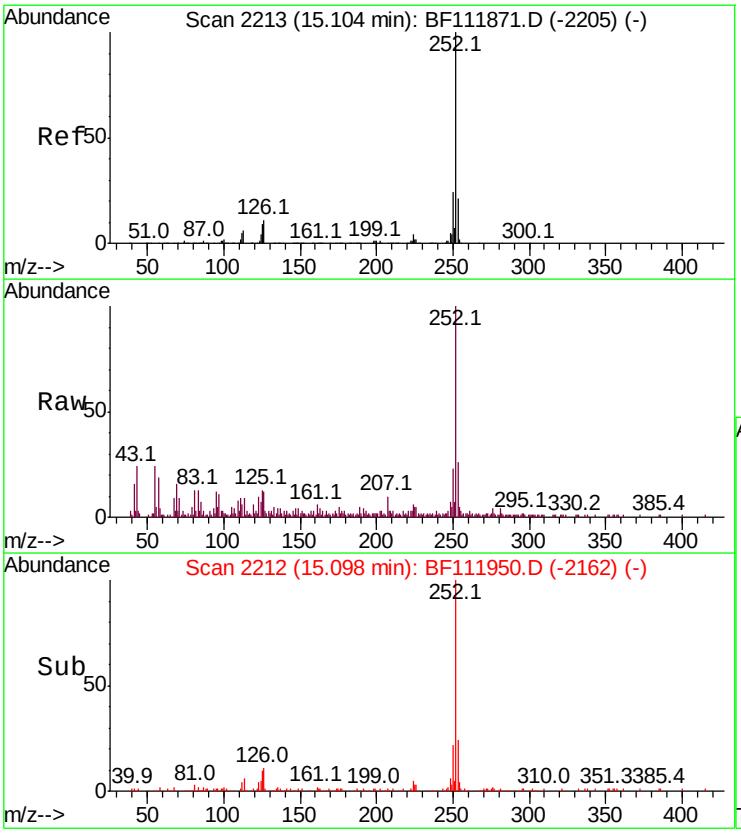
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 252121

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.1	25.7

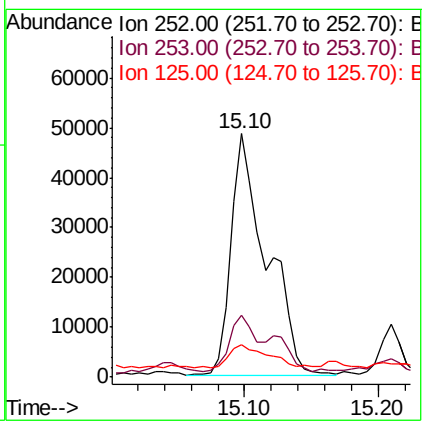


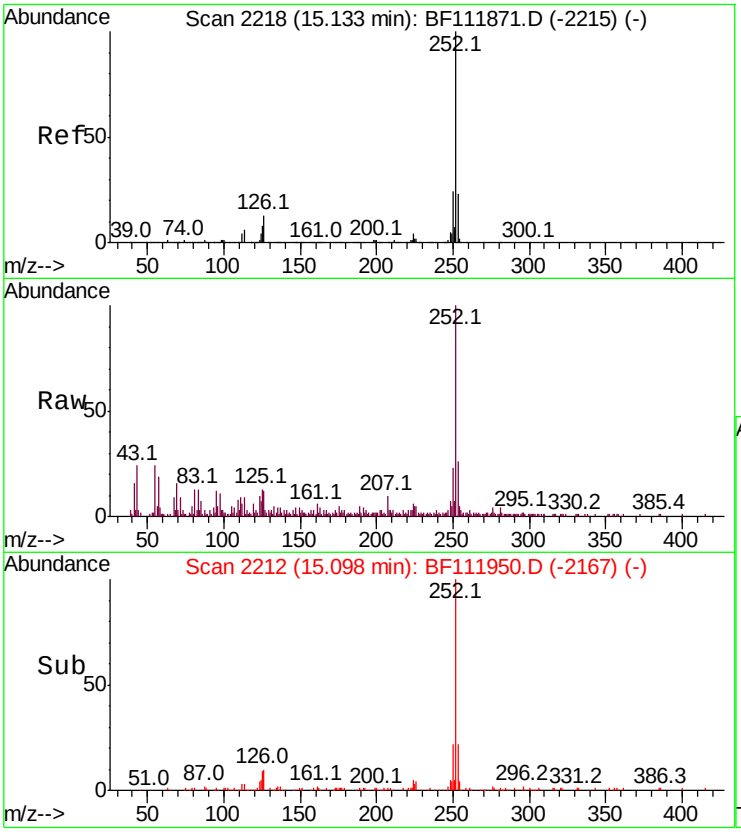


#88
Benzo(b)fluoranthene
Concen: 5.952 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:252 Resp: 89764

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	13.4	7.1	10.7#



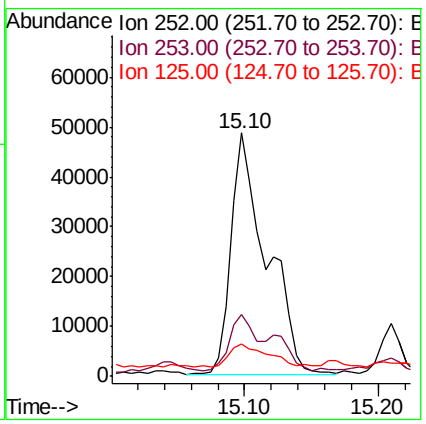


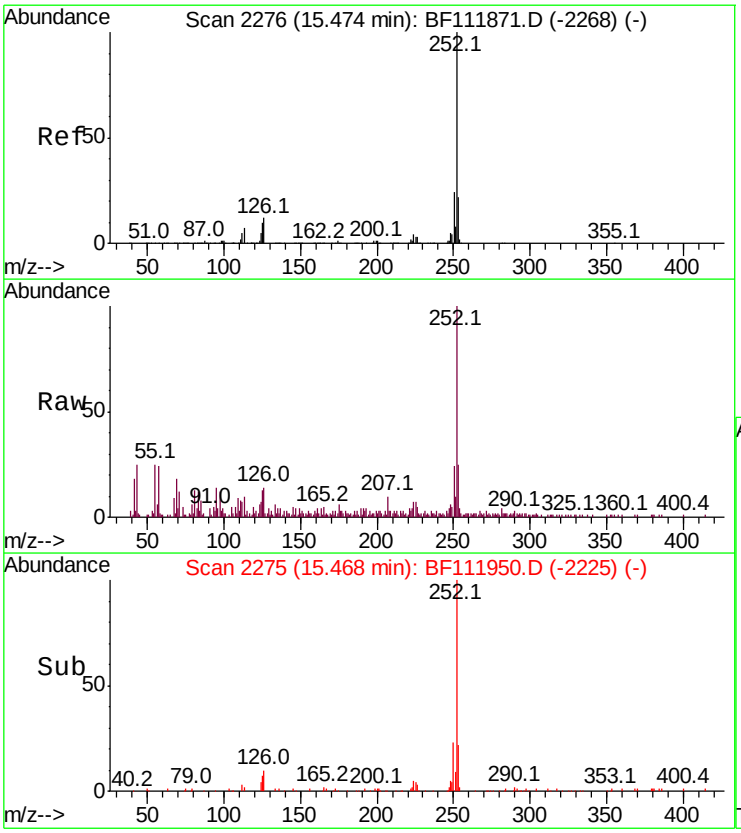
#89
Benzo(k)fluoranthene
Concen: 6.332 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89764

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	13.4	7.0	10.4#

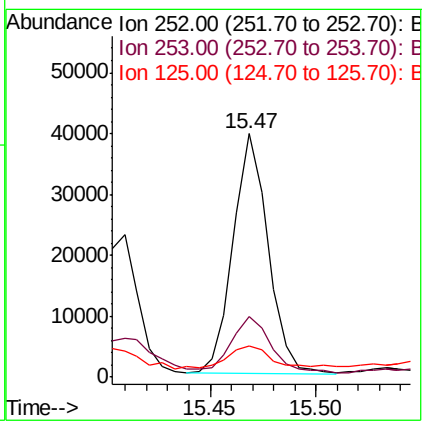


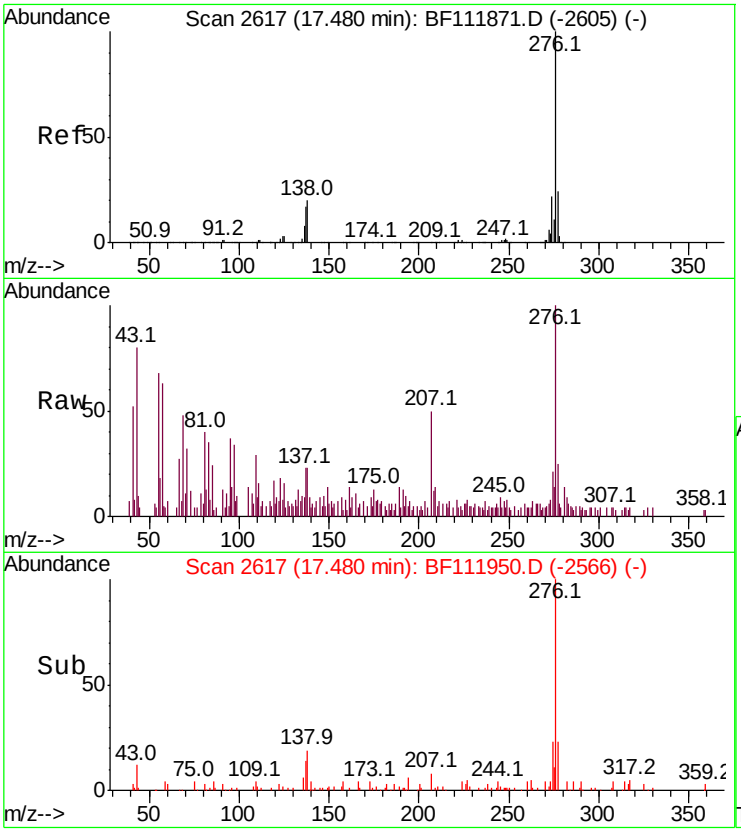


#90
Benzo(a)pyrene
Concen: 3.410 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Tgt Ion:252 Resp: 45220

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	13.0	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 2.146 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BF111950.D
Acq: 9 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22389

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	23.4	16.2	24.2