Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 30 23:02:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128220	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	495870	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	248490	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	438287	20.00	ng		-0.01
76) Chrysene-d12	14.05	240	371455	20.00	ng		-0.02
87) Perylene-d12	15.56	264	381239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	352634	47.04	ng		0.00
7) Phenol-d6	6.51	99	476424	50.65	ng		-0.01
23) Nitrobenzene-d5	7.45	82	278852	34.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	135241	44.68	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	572888	36.06	ng		-0.02
79) Terphenyl-d14	12.99	244	549821	30.35	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	628	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.45	70	37429	6.145	ng	#	79
25) Isophorone	7.45	82	278848	16.969	ng	#	65
31) Naphthalene	8.19	128	47571	2.019	ng		98
37) 2-Methylnaphthalene	8.88	142	65630	4.132	ng		97
38) 1-Methylnaphthalene	8.98	142	67799	4.422	ng		94
50) Dimethylphthalate	9.63	163	88476	4.923	ng		98
52) Acenaphthene	9.95	154	38818	2.718	ng		99
58) Fluorene	10.47	166	73061	4.536	ng		99
65) 4,6-Dinitro-2-methylphenol	10.70	198	108	7.354	ng	#	1
71) Phenanthrene	11.43	178	450558	20.455	ng		99
72) Anthracene	11.48	178	103041	4.633	ng		97
75) Fluoranthene	12.62	202	483572	20.123	ng		98
78) Pyrene	12.85	202	494541	19.038	ng		99
81) Benzo(a)anthracene	14.04	228	244081	11.153	ng		95
83) Chrysene	14.08	228	250604	11.757	ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	94247	4.668	ng		96
88) Benzo(b)fluoranthene	15.13	252	350774	14.542	ng	#	94
89) Benzo(k)fluoranthene	15.13	252	350774	16.906	ng	#	95
90) Benzo(a)pyrene	15.50	252	193678	9.283	ng		97
92) Benzo(g,h,i)perylene	17.50	276	89763	4.542	ng		96

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

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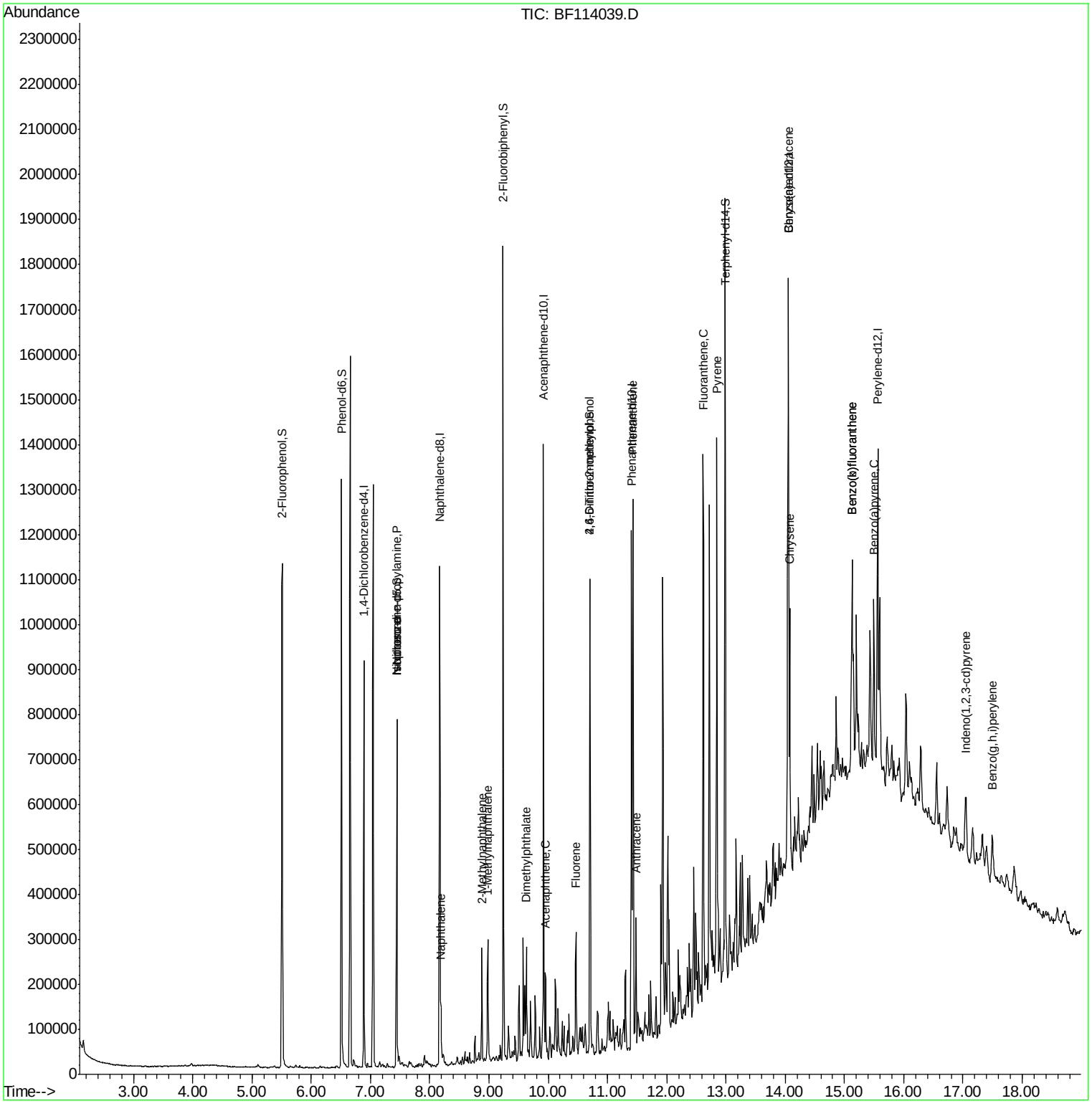
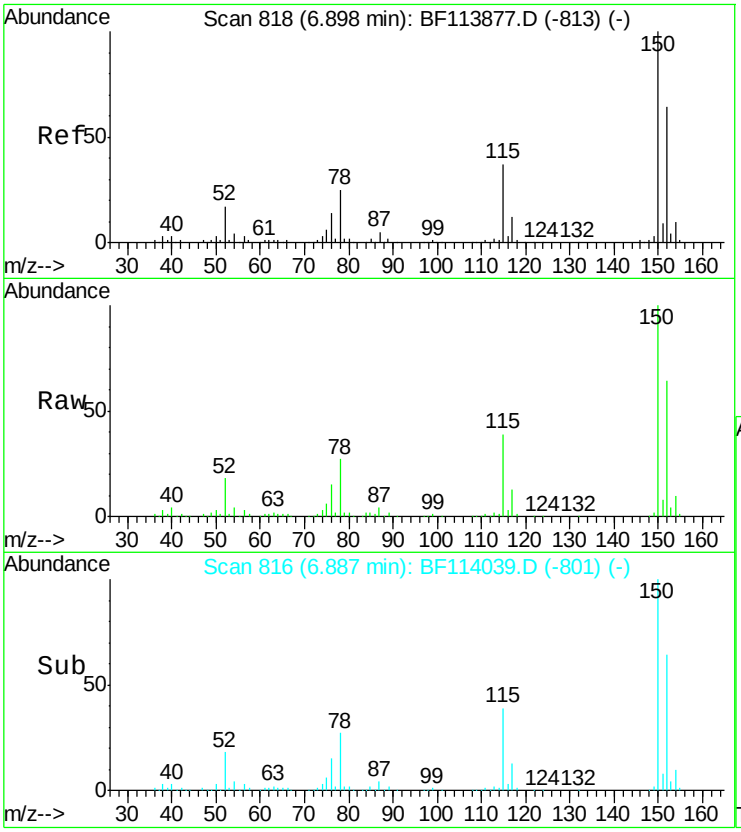


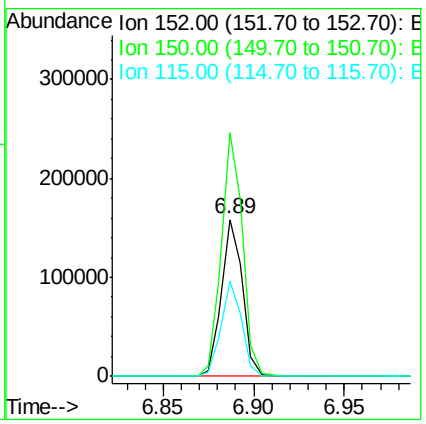


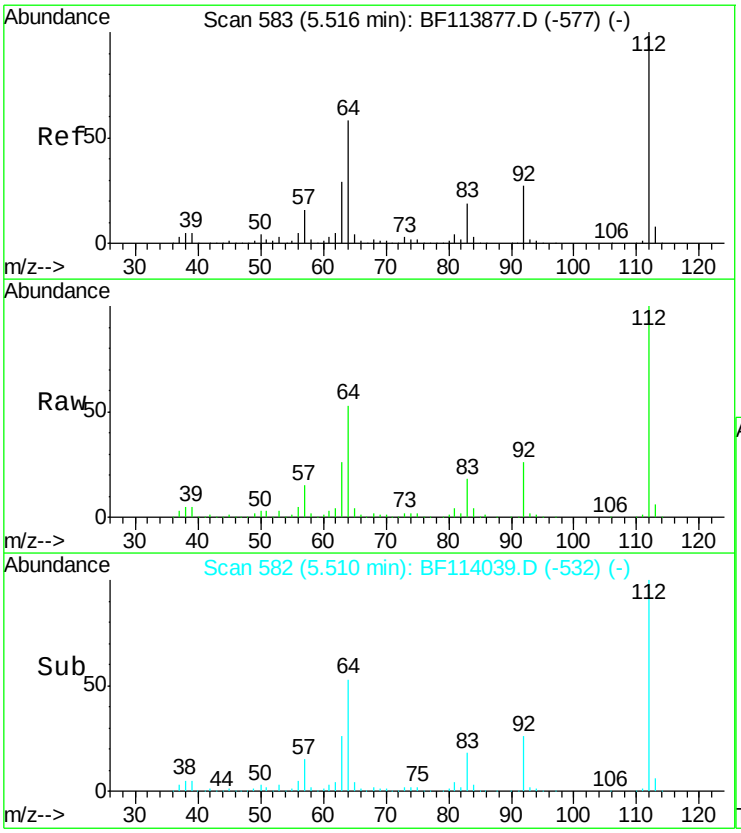
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128220

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	61.0	45.9	68.9

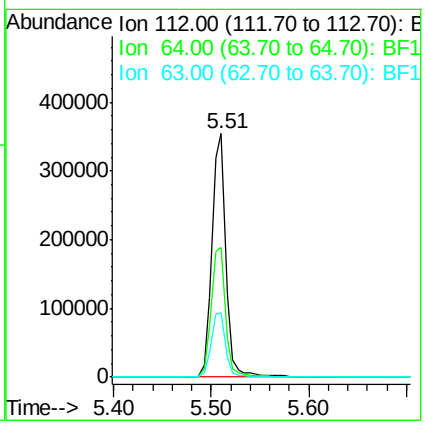


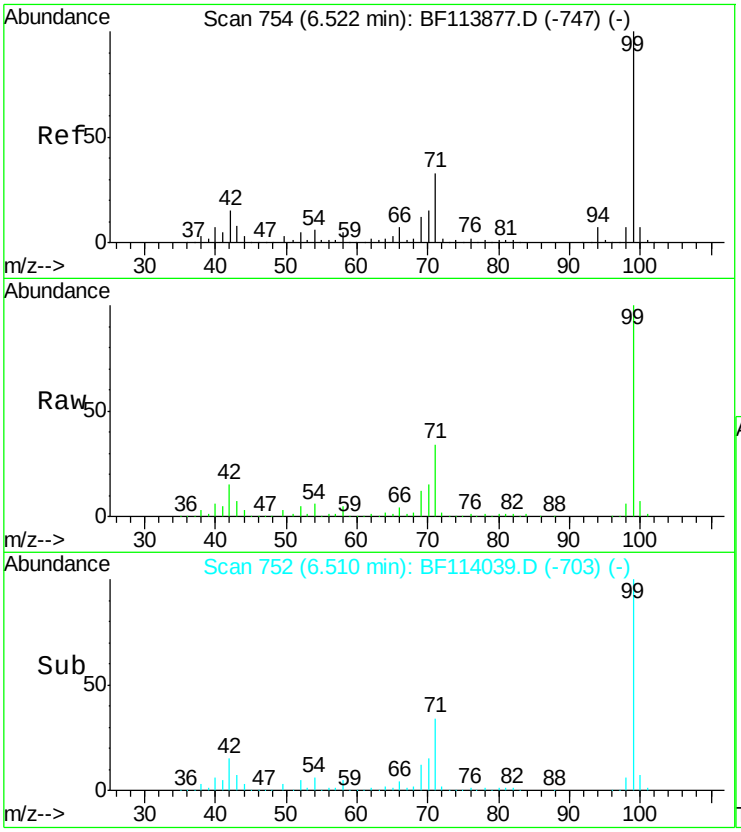


#5
2-Fluorophenol
Concen: 47.039 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:112 Resp: 352634

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.6	69.8
63	26.4	23.1	34.7



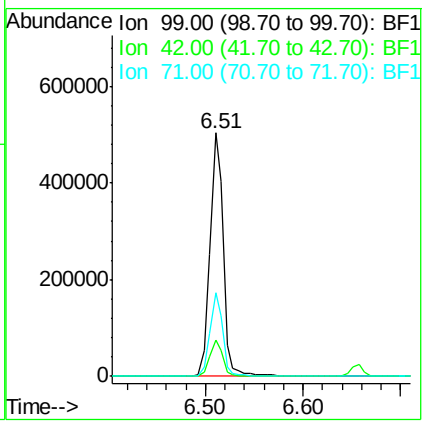


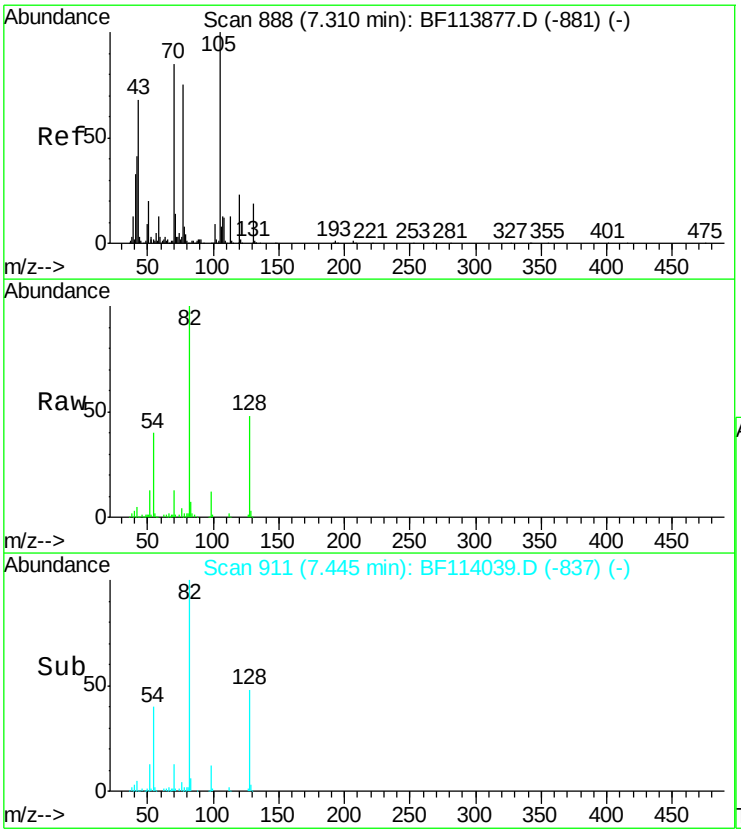
#7
Phenol-d6
Concen: 50.654 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 476424

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.5	18.7
71	34.3	26.9	40.3

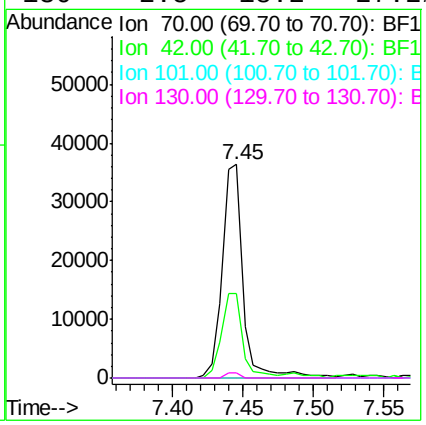


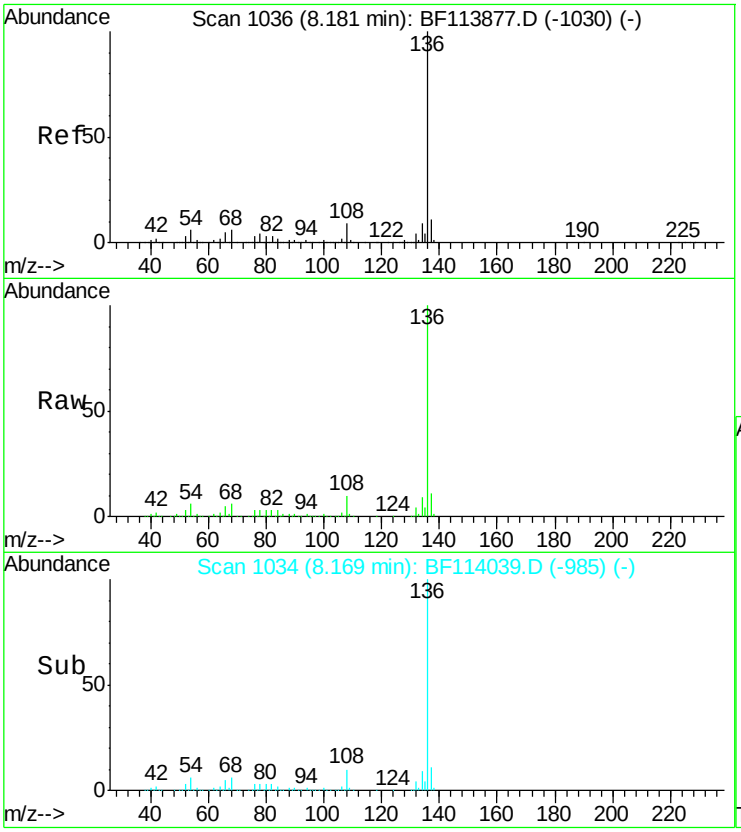


#19
n-Nitroso-di-n-propylamine
Concen: 6.145 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion: 70 Resp: 37429

Ion	Ratio	Lower	Upper
70	100		
42	39.6	37.3	55.9
101	0.0	7.8	11.8#
130	2.5	18.2	27.2#



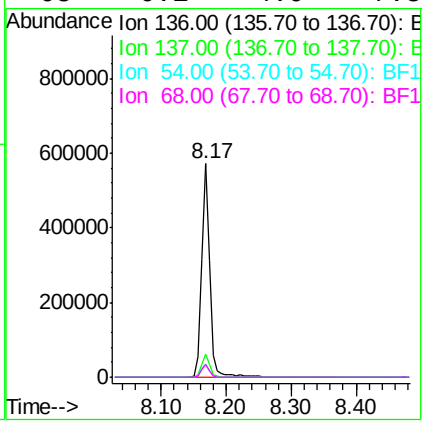


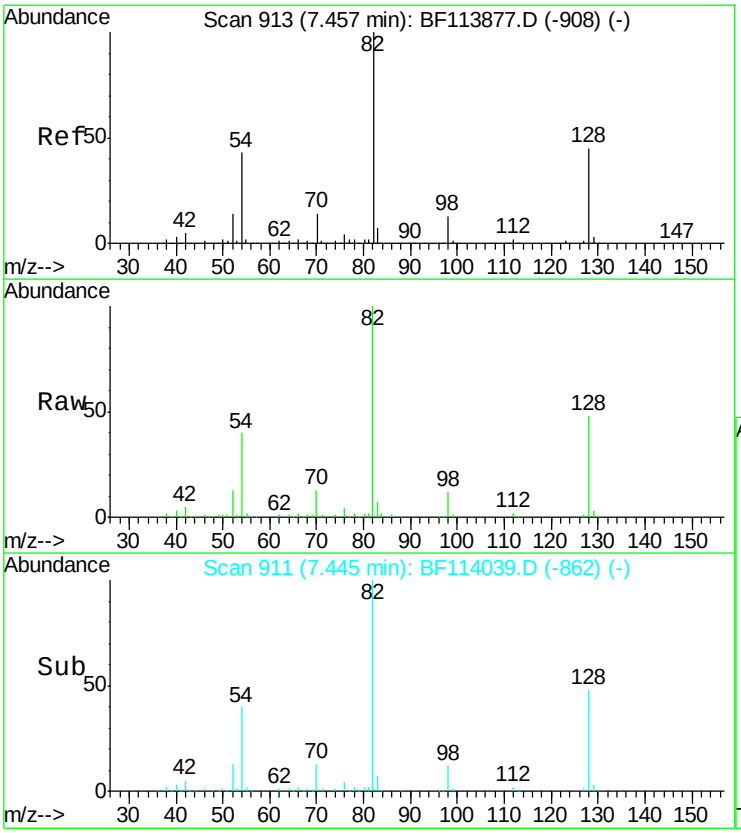
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 495870

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.1	5.0	7.6
68	6.1	4.9	7.3

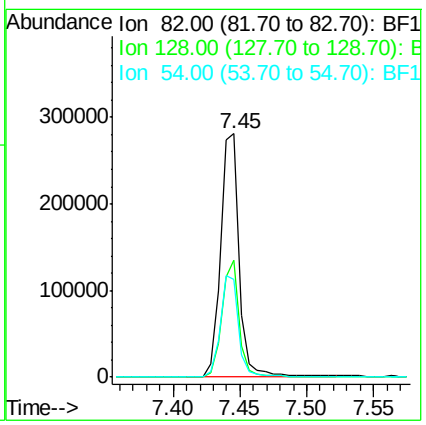


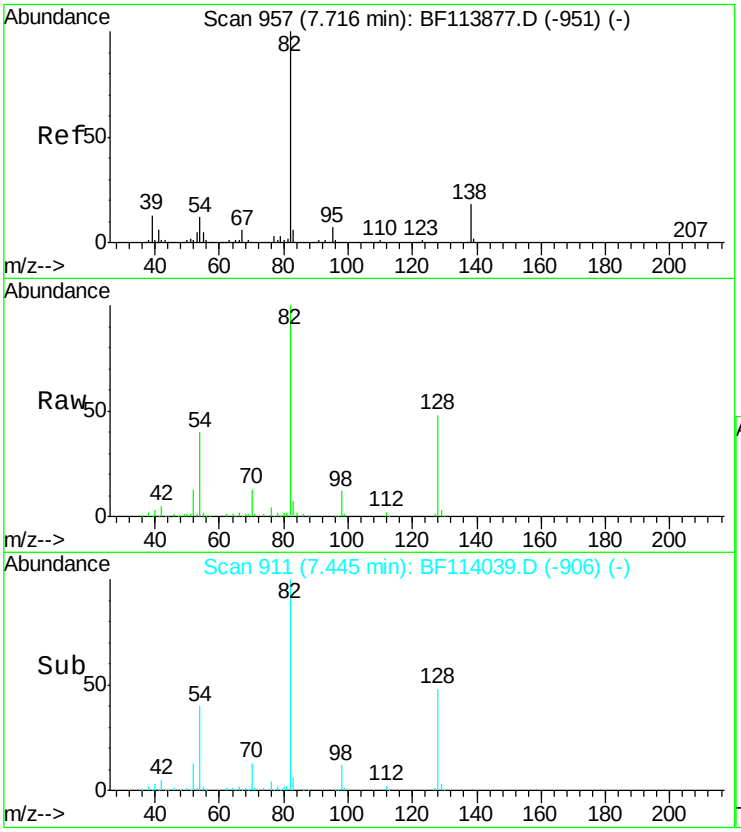


#23
Nitrobenzene-d5
Concen: 34.722 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion: 82 Resp: 278852

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.8	55.2
54	40.1	33.8	50.6



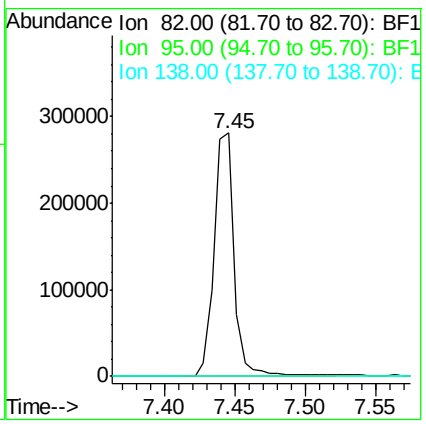


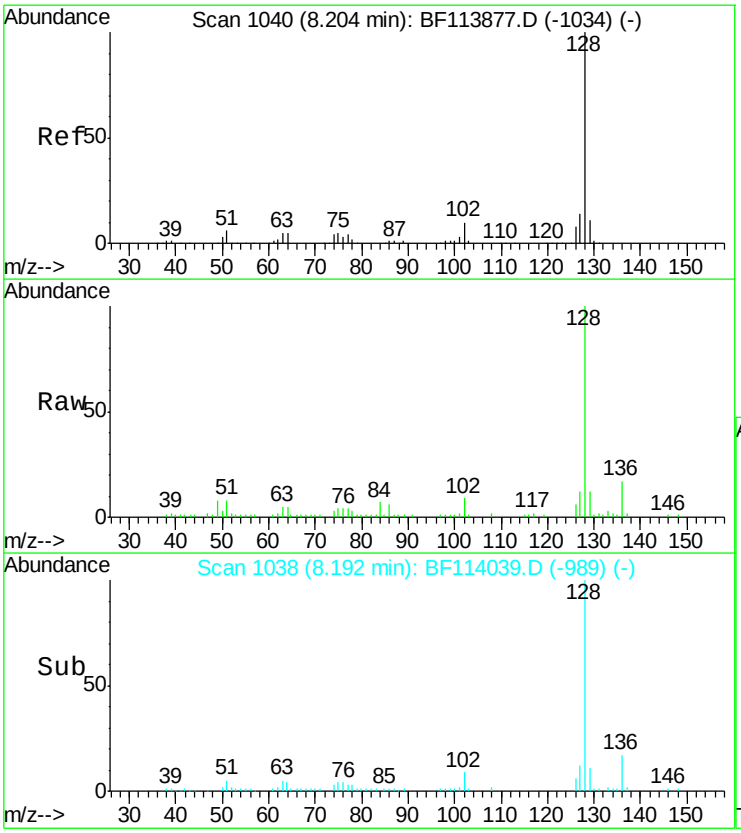
#25
Isophorone
Concen: 16.969 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 278848

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

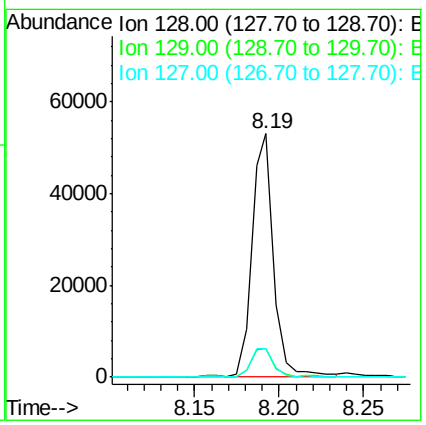


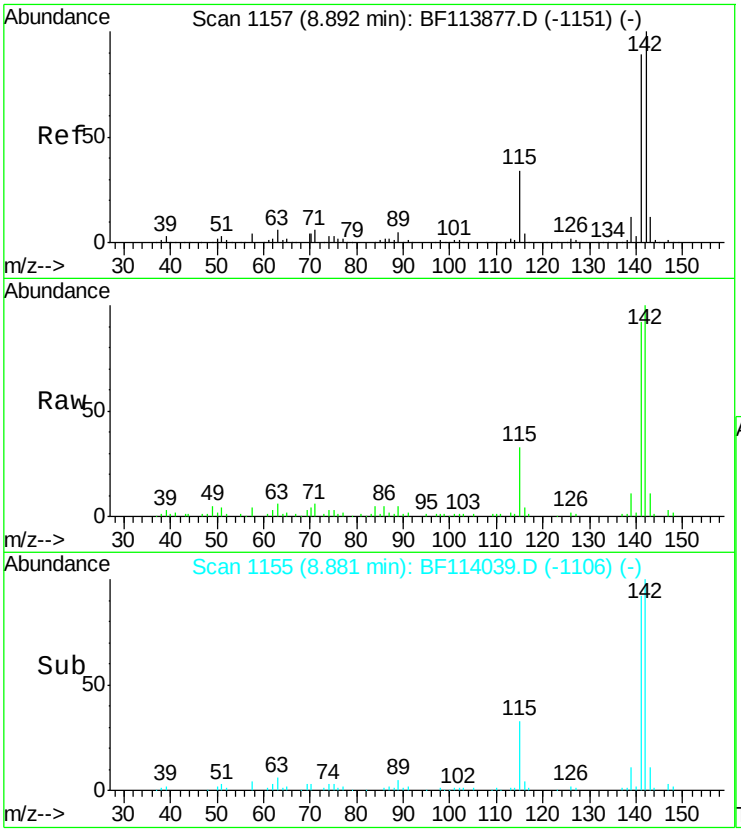


#31
Naphthalene
Concen: 2.019 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:128 Resp: 47571

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	11.9	10.8	16.2

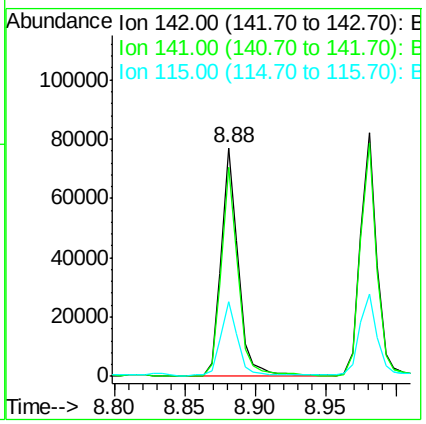




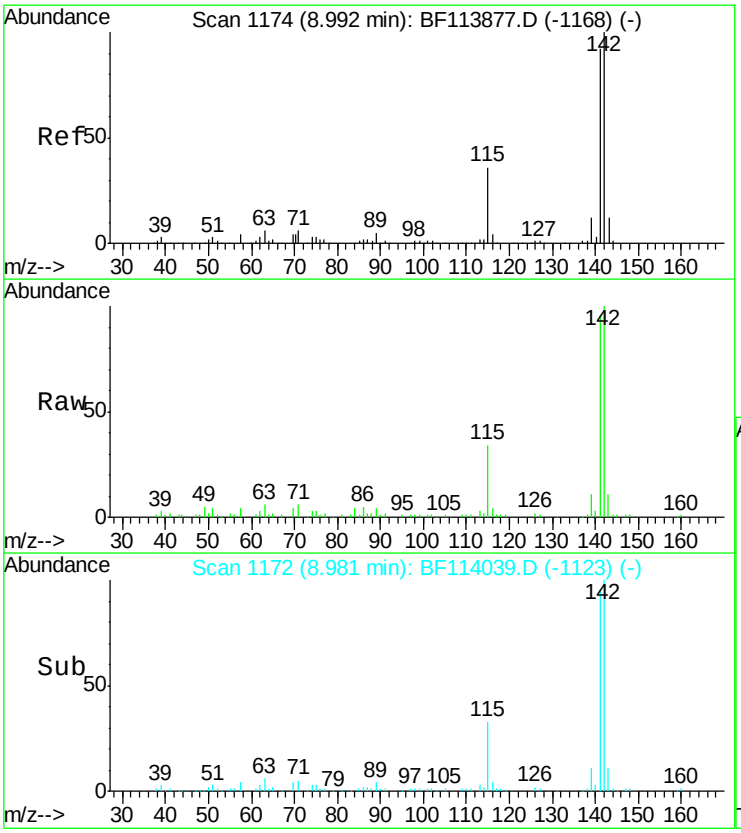
#37
2-Methylnaphthalene
Concen: 4.132 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:142 Resp: 65630

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	32.9	26.3	39.5



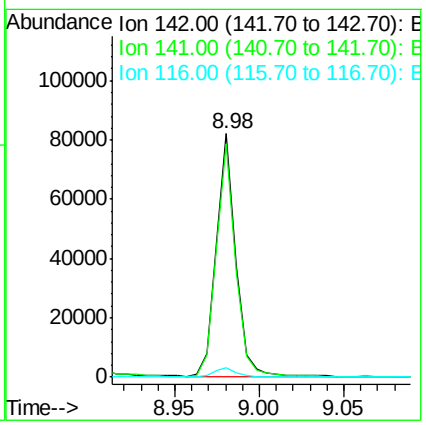
Instrument :
BNA_F
ClientSampleId :

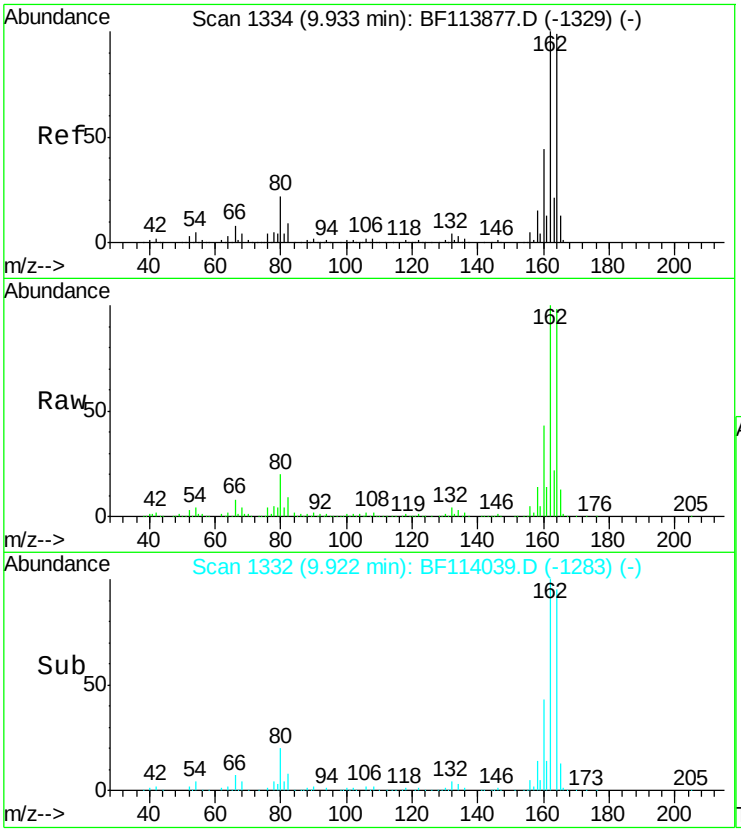


#38
1-Methylnaphthalene
Concen: 4.422 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:142 Resp: 67799

Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.3	108.5
116	4.1	3.0	4.4



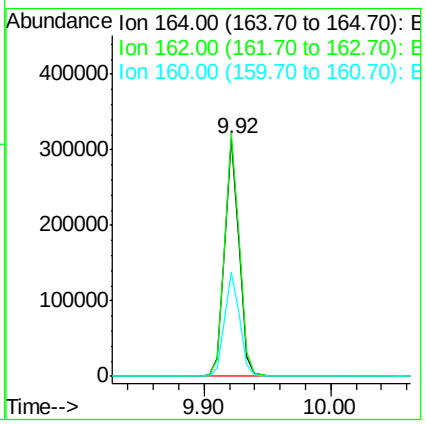


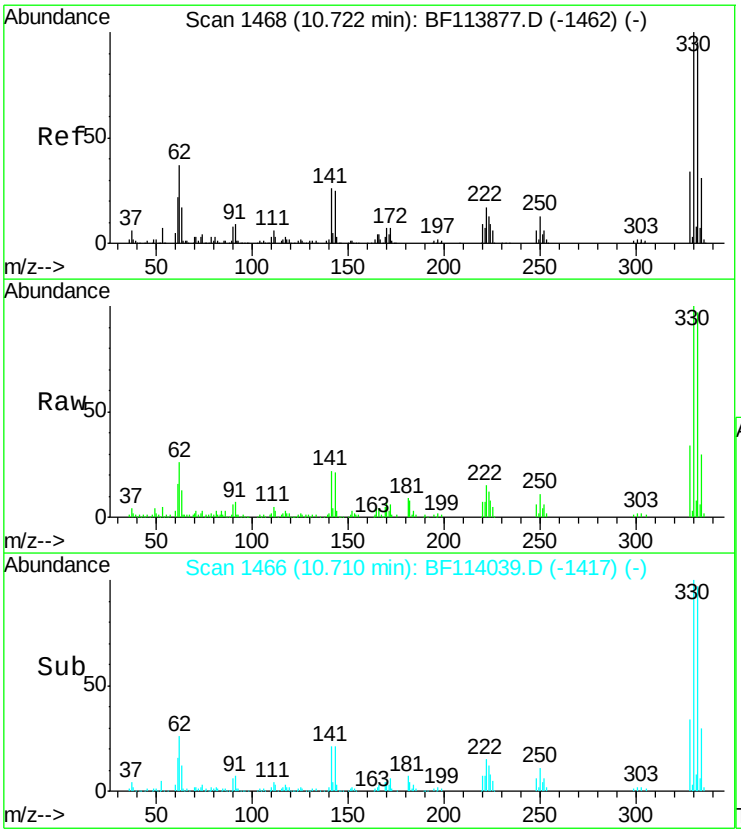
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 248490

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	43.6	35.8	53.6

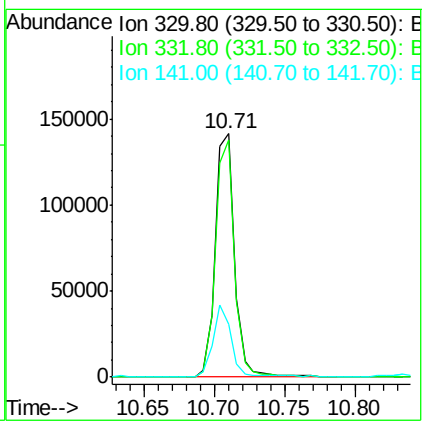


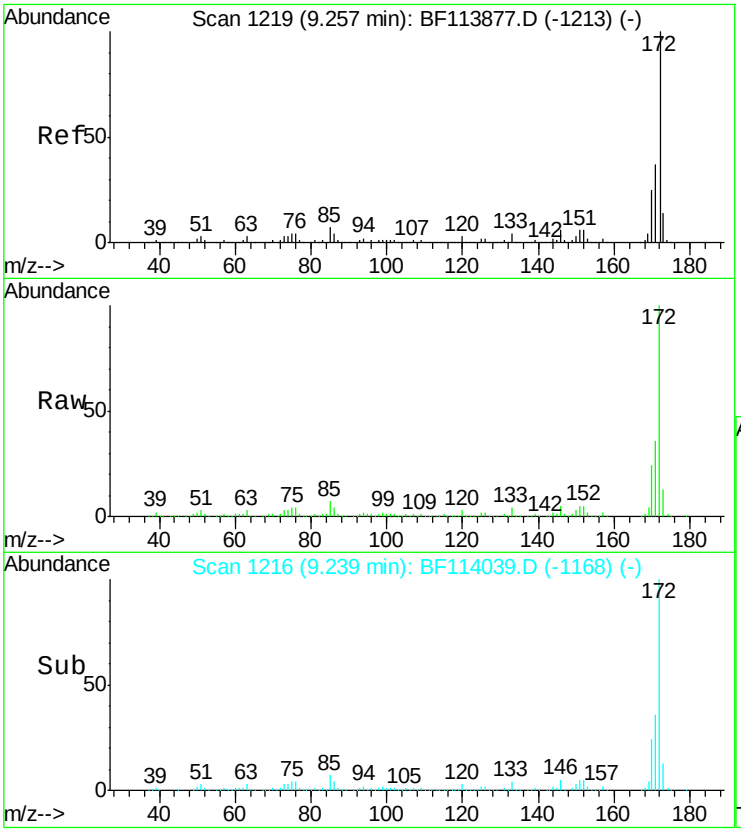


#42
2,4,6-Tribromophenol
Concen: 44.677 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:330 Resp: 135241

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	27.7	22.2	33.2



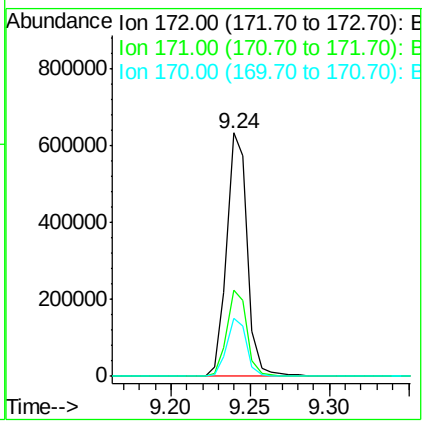


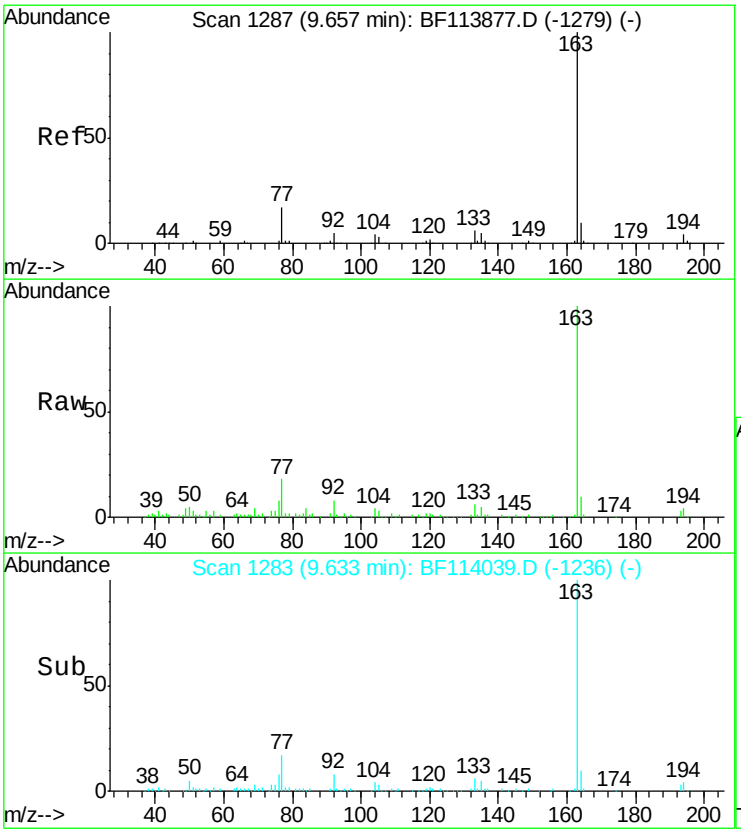
#45
2-Fluorobiphenyl
Concen: 36.058 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 572888

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.7	19.9	29.9

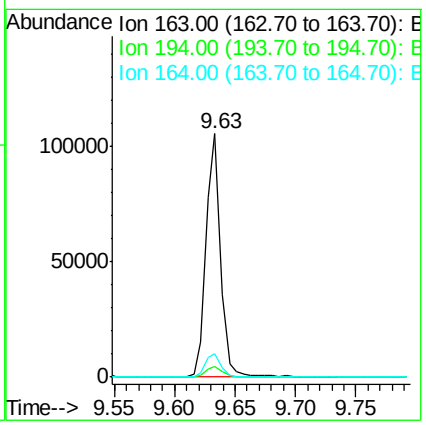


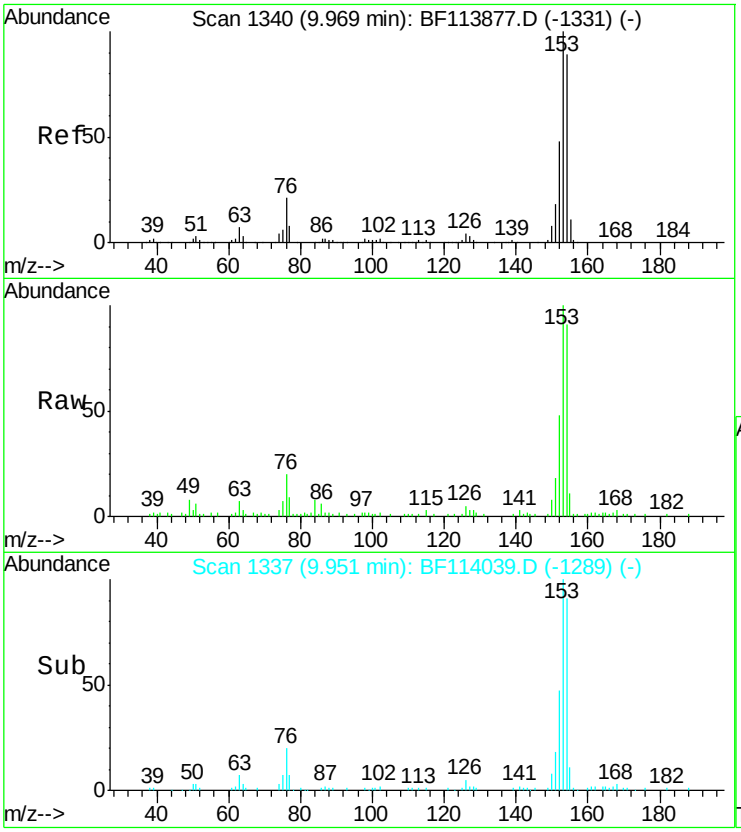


#50
Dimethylphthalate
Concen: 4.923 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:163 Resp: 88476

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.7	8.5	12.7



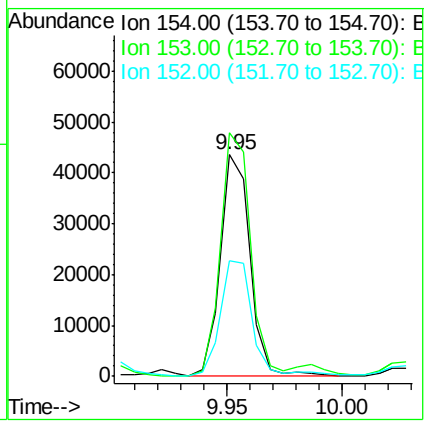


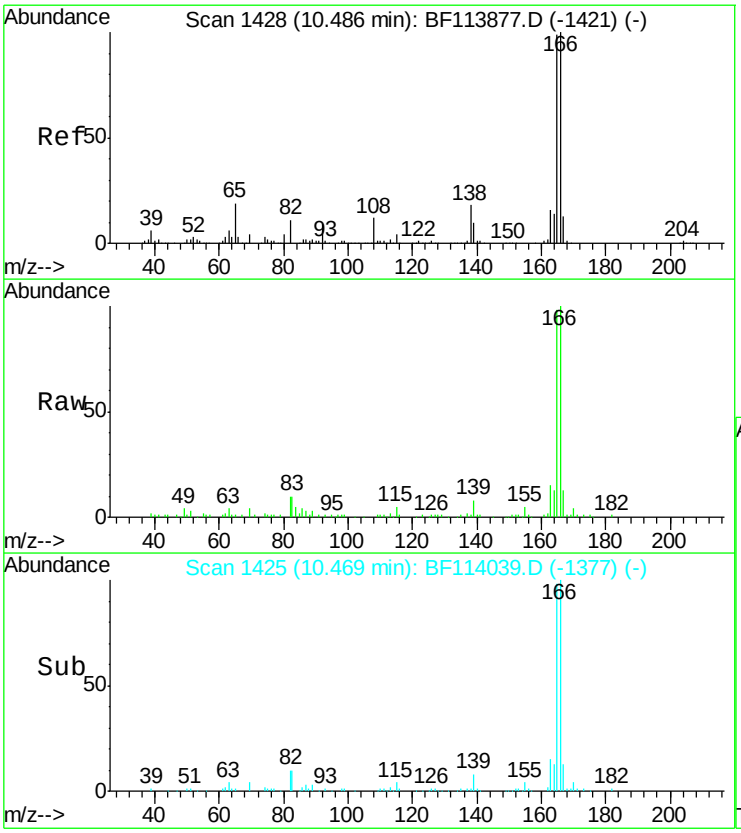
#52
Acenaphthene
Concen: 2.718 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 38818

Ion	Ratio	Lower	Upper
154	100		
153	109.8	87.2	130.8
152	52.4	42.3	63.5

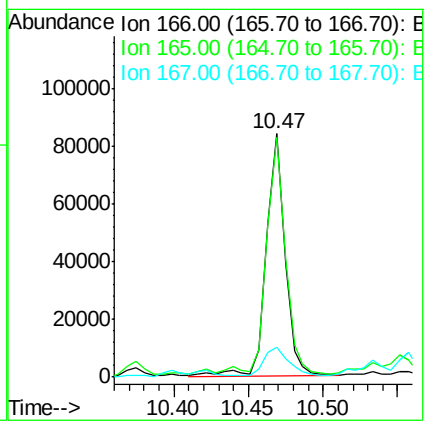


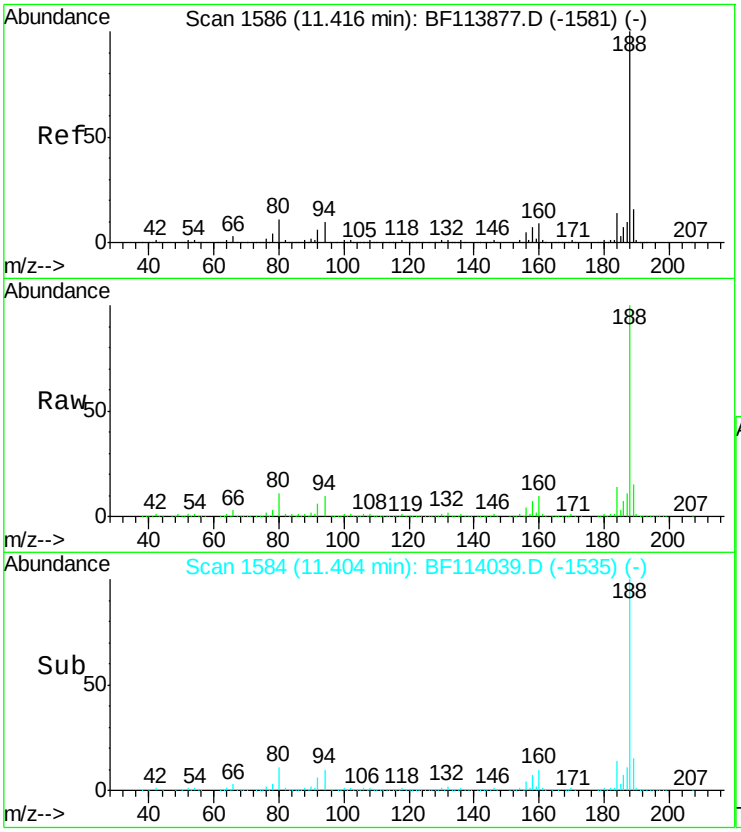


#58
Fluorene
Concen: 4.536 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:166 Resp: 73061

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	12.5	10.9	16.3



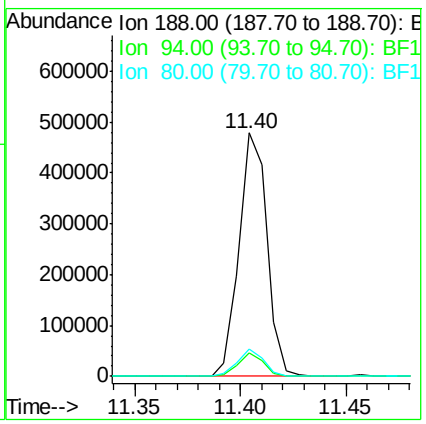


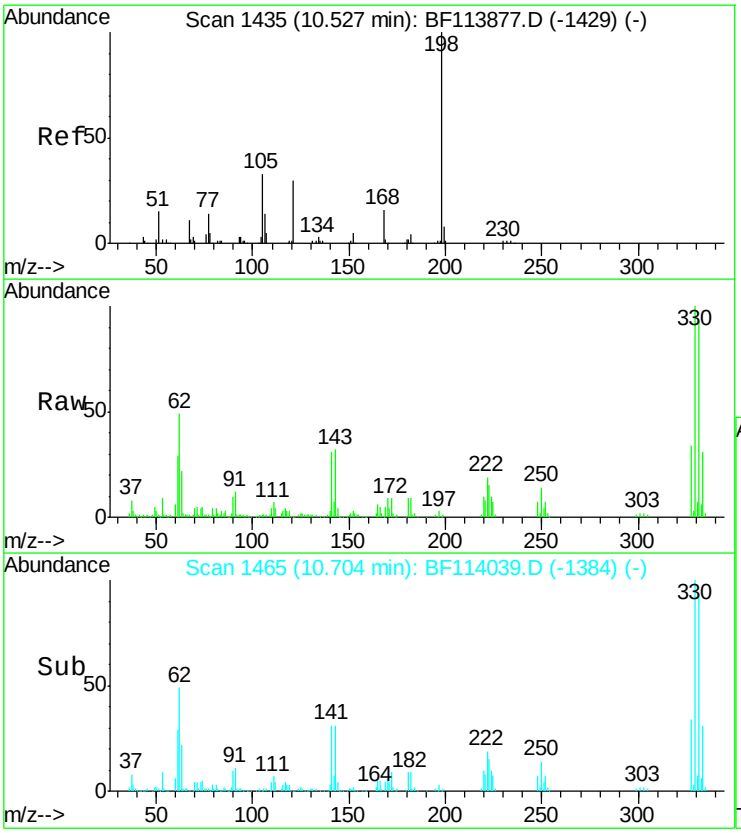
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 438287

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	11.0	9.0	13.6

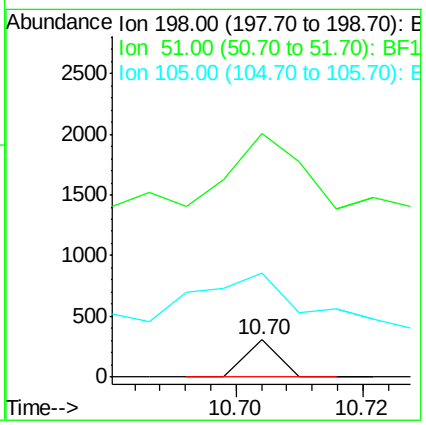


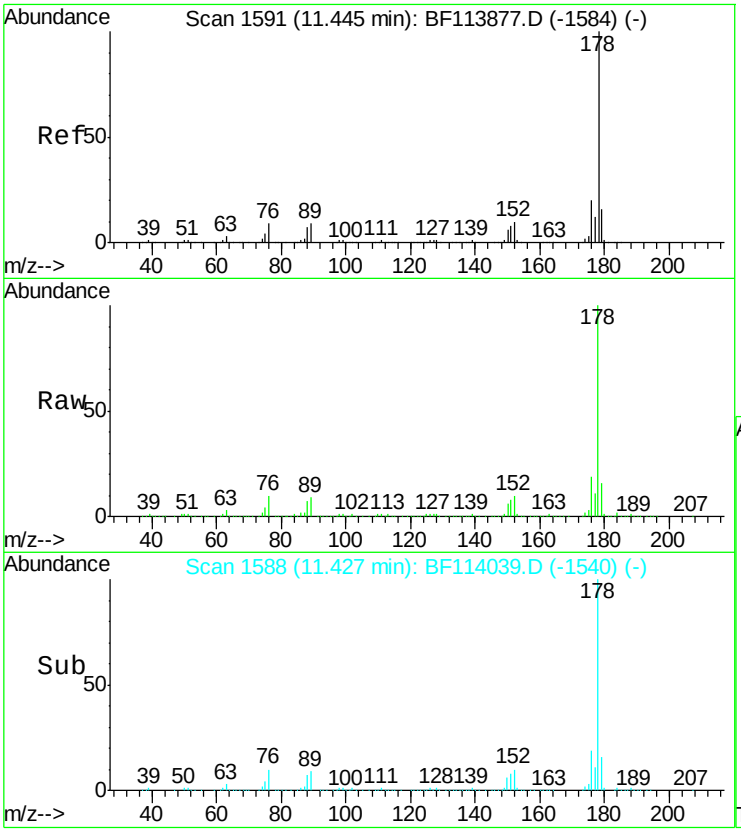


#65
4,6-Dinitro-2-methylphenol
Concen: 7.354 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	653.1	11.1	51.1#
105	278.5	20.7	60.7#



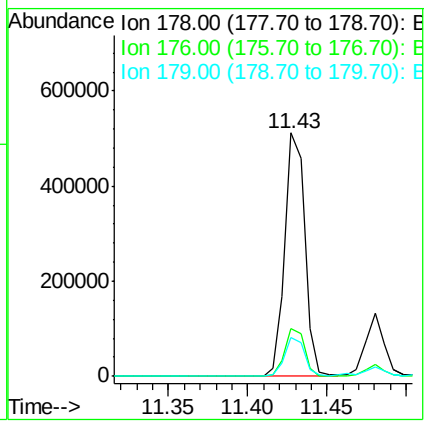


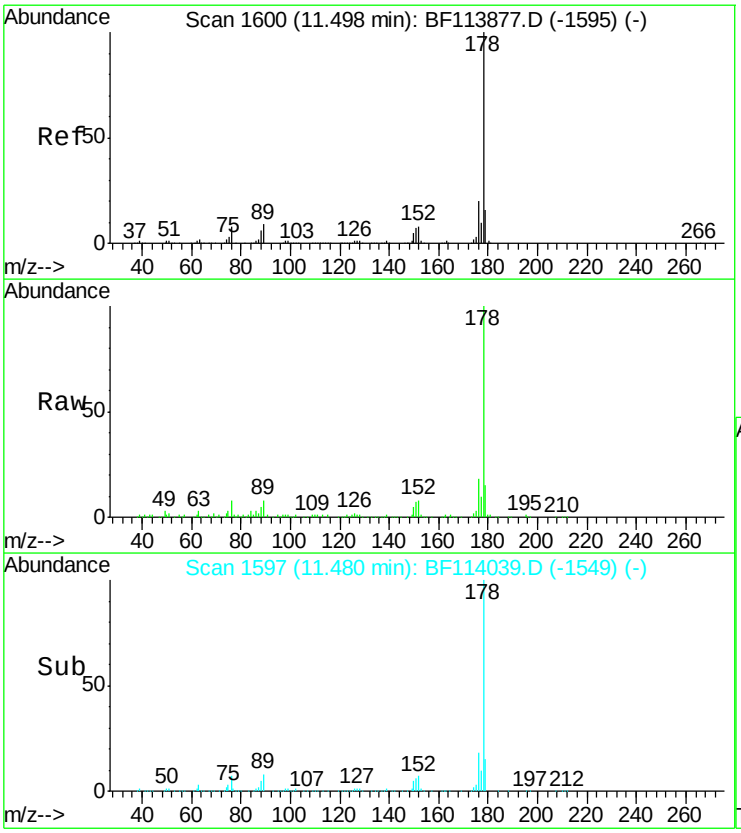
#71
Phenanthrene
Concen: 20.455 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 450558

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	15.7	12.8	19.2

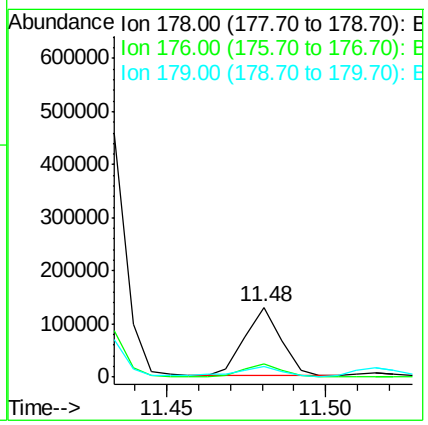


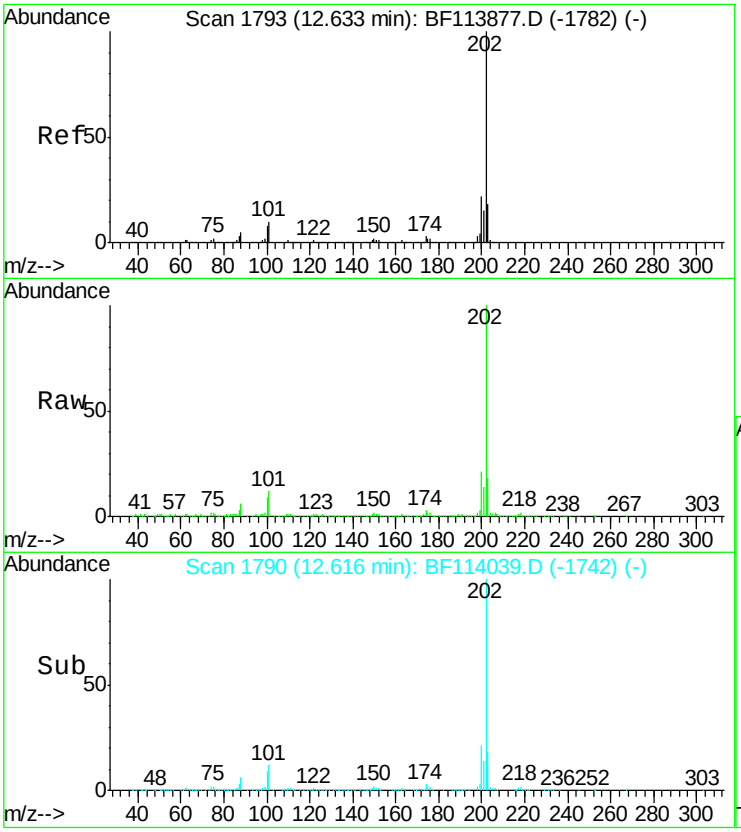


#72
Anthracene
Concen: 4.633 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:178 Resp: 103041

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	15.3	13.0	19.4



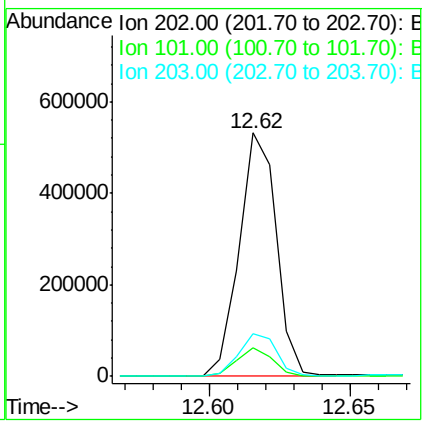


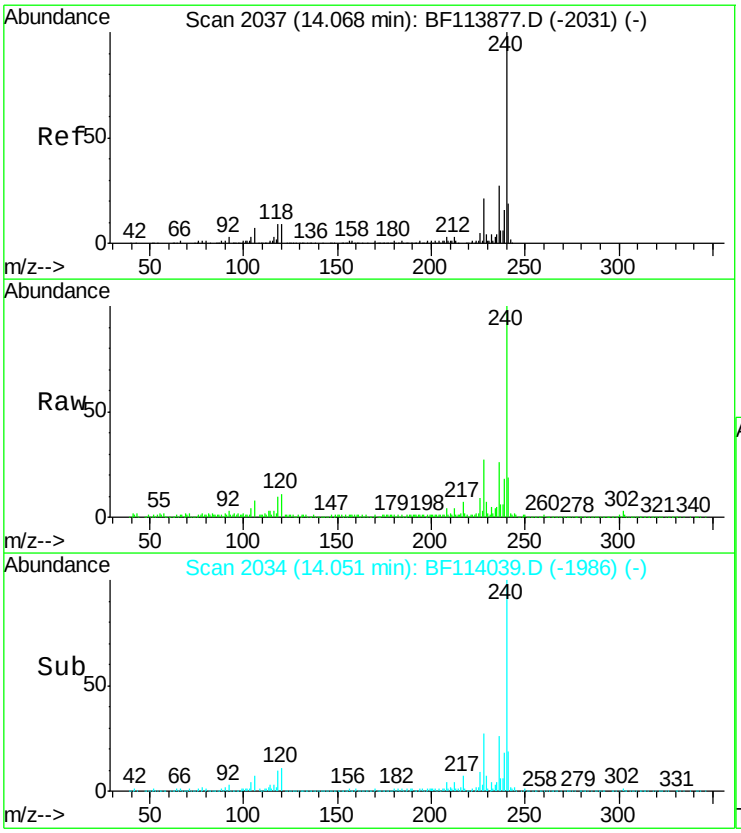
#75
Fluoranthene
Concen: 20.123 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 483572

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.9
203	17.7	0.0	38.2

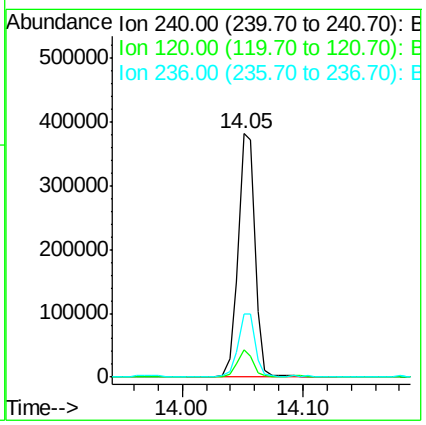


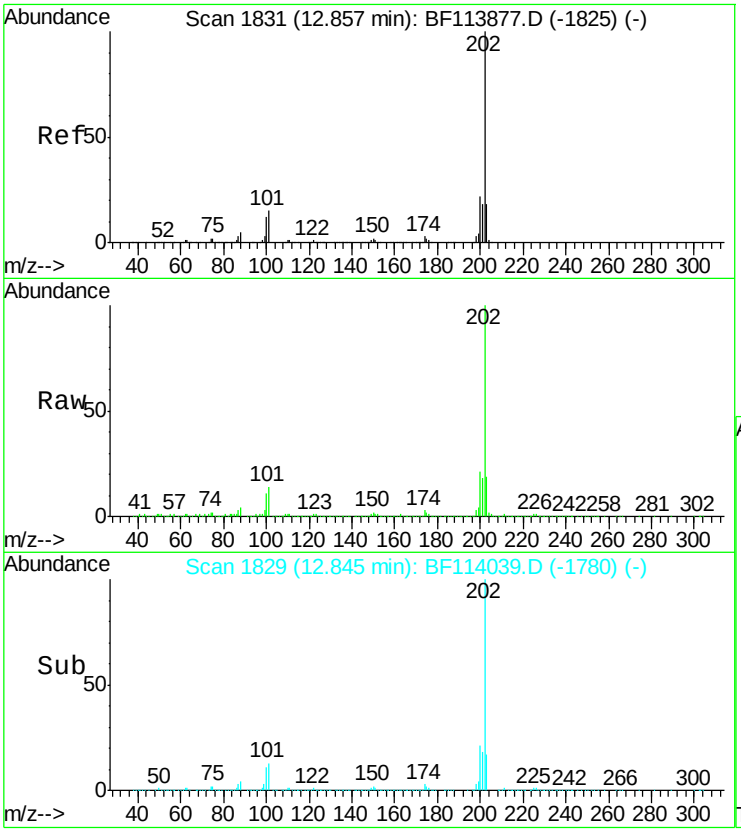


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:240 Resp: 371455

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.3	13.9
236	25.9	21.2	31.8



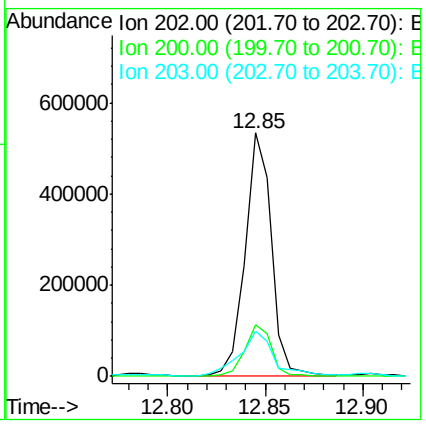


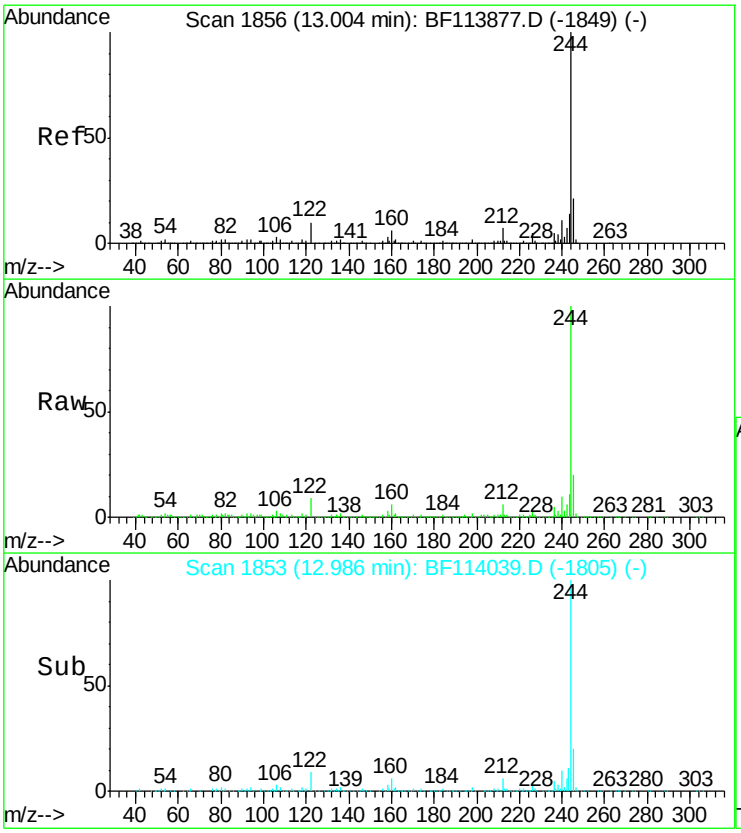
#78
Pyrene
Concen: 19.038 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 494541

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.6	15.0	22.6

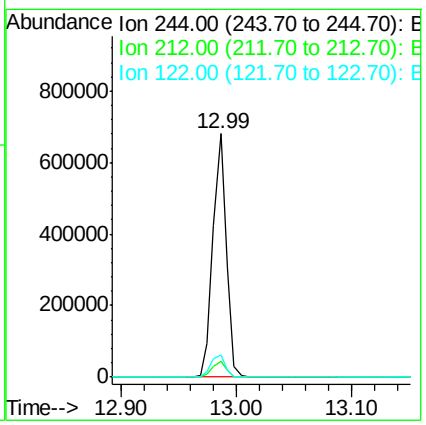


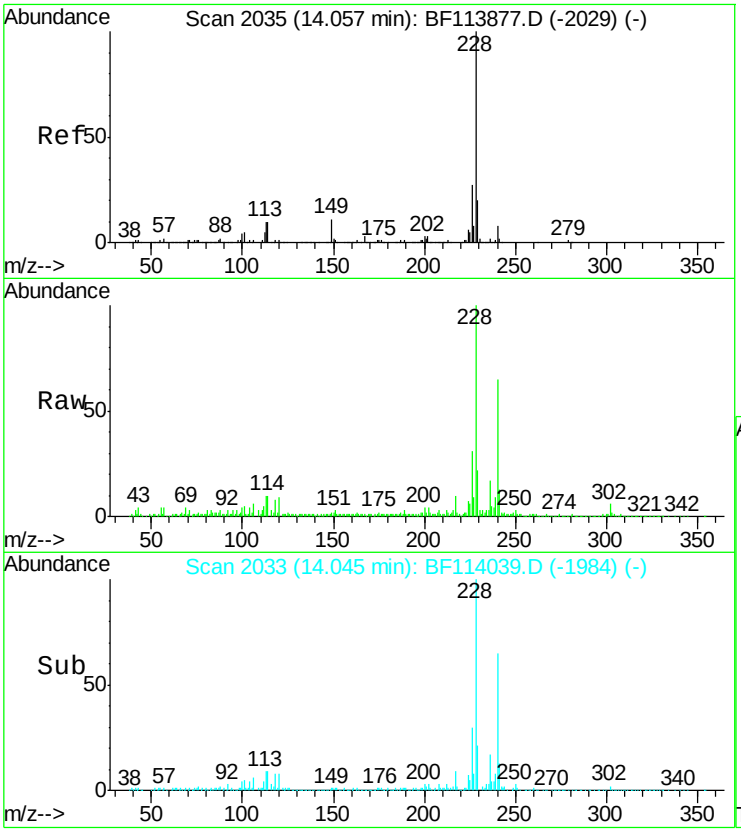


#79
Terphenyl-d14
Concen: 30.346 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:244 Resp: 549821

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	9.2	7.6	11.4



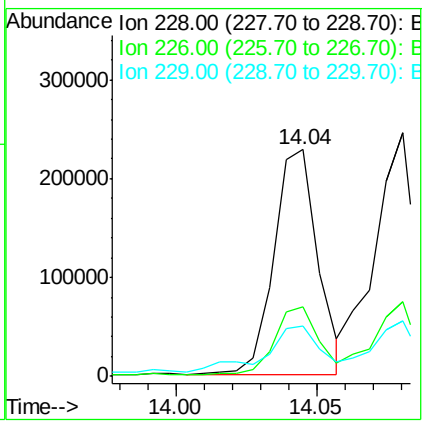


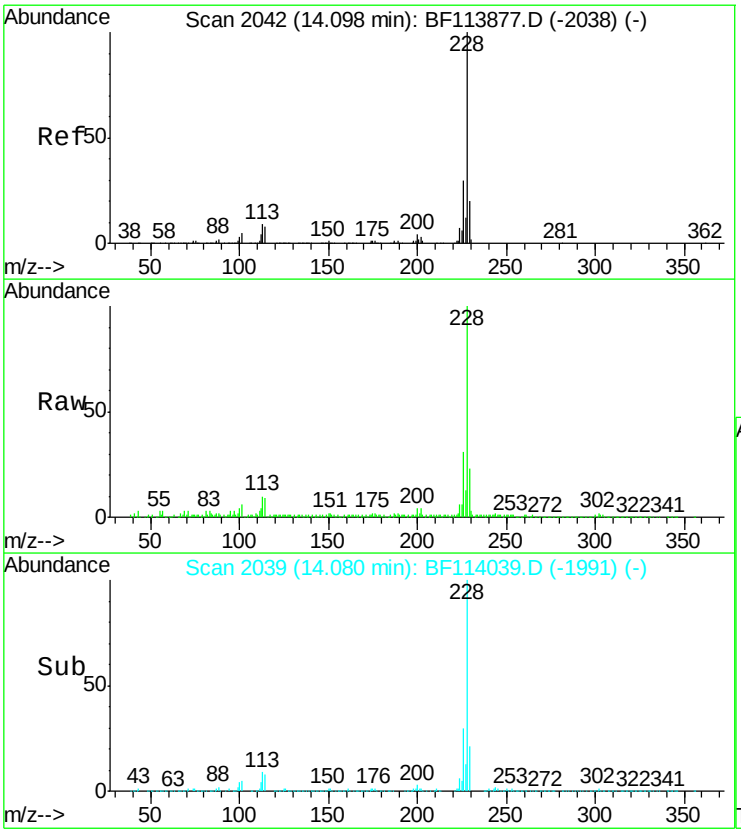
#81
Benzo(a)anthracene
Concen: 11.153 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 244081

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.2
229	22.0	16.0	24.0

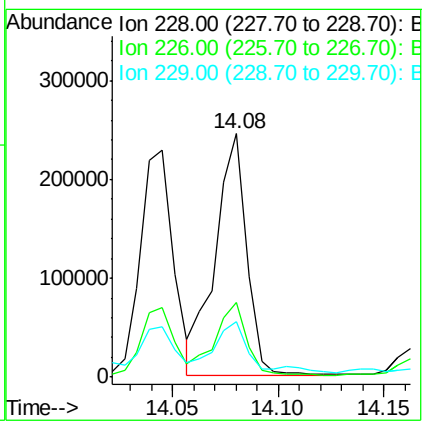


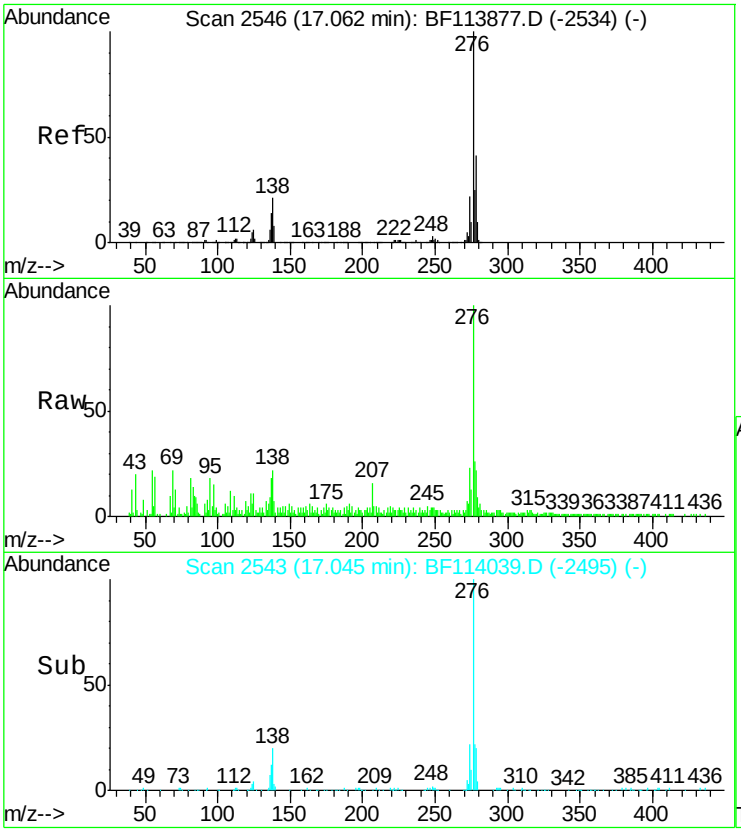


#83
Chrysene
Concen: 11.757 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:228 Resp: 250604

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	22.9	16.7	25.1



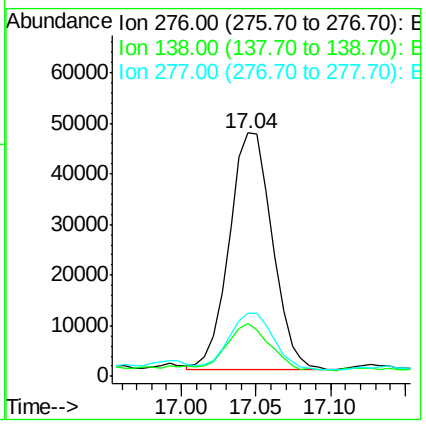


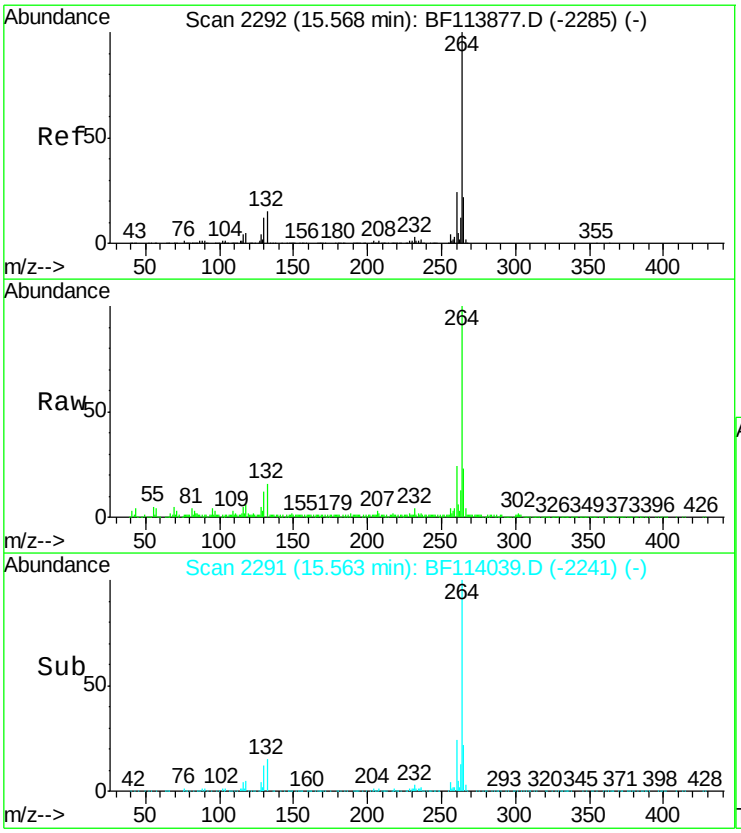
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.668 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 94247

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.6	29.4
277	25.0	20.2	30.4

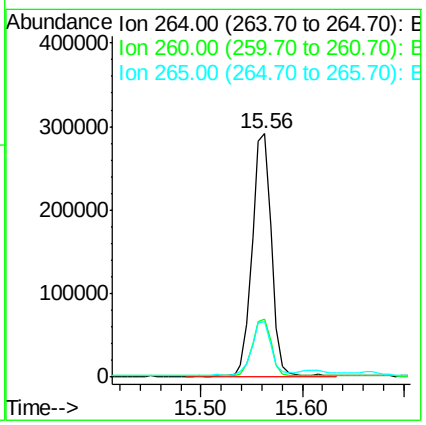


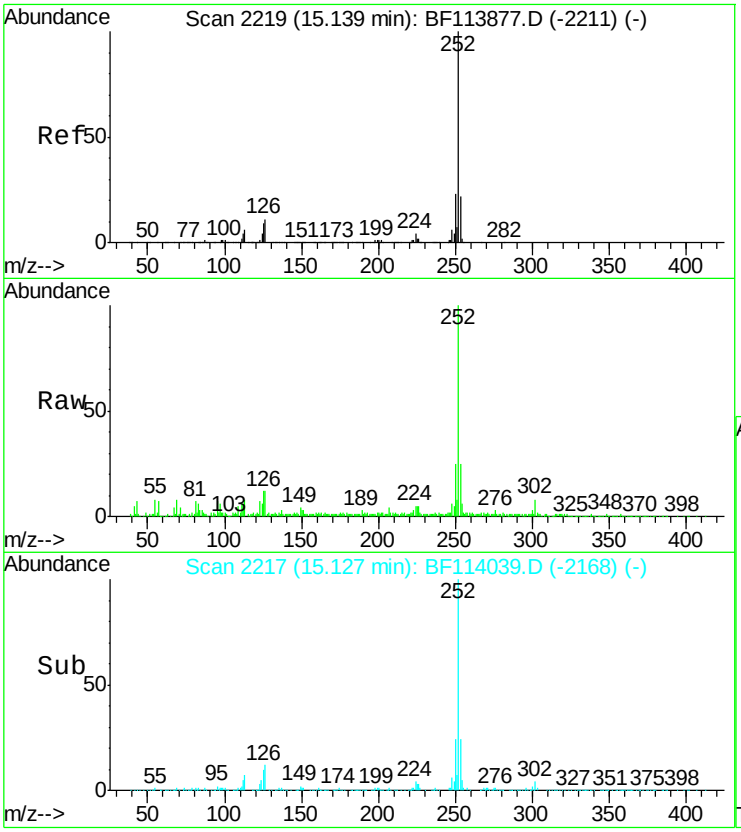


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:264 Resp: 381239

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.5	17.3	25.9



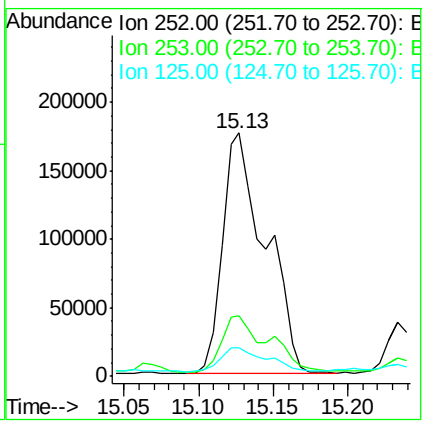


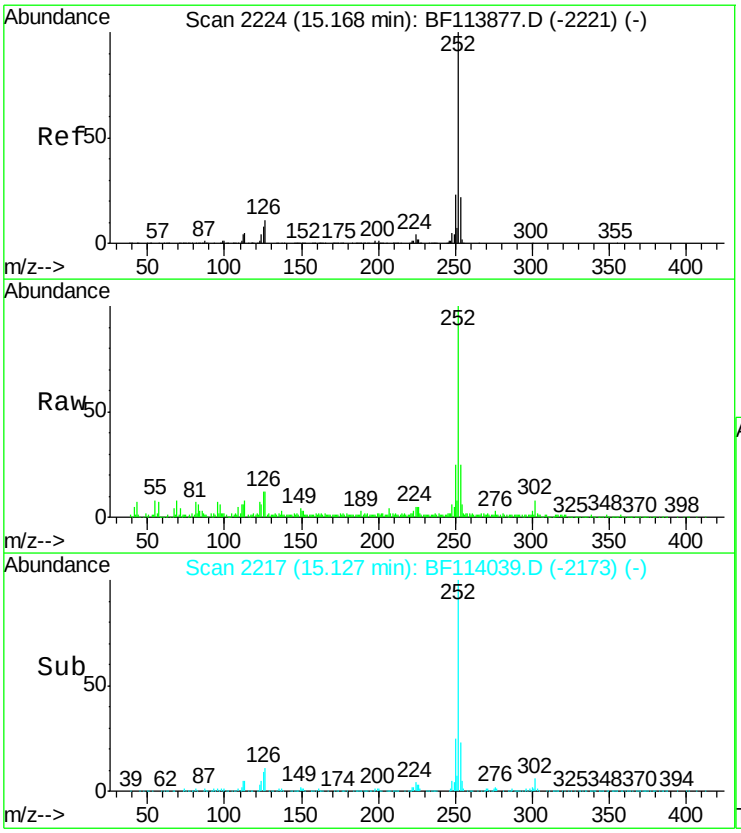
#88
Benzo(b)fluoranthene
Concen: 14.542 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 350774

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	11.8	7.0	10.6#

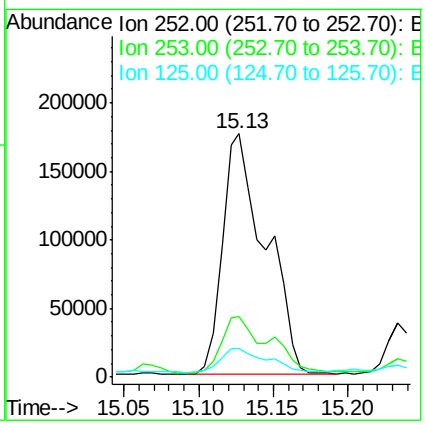


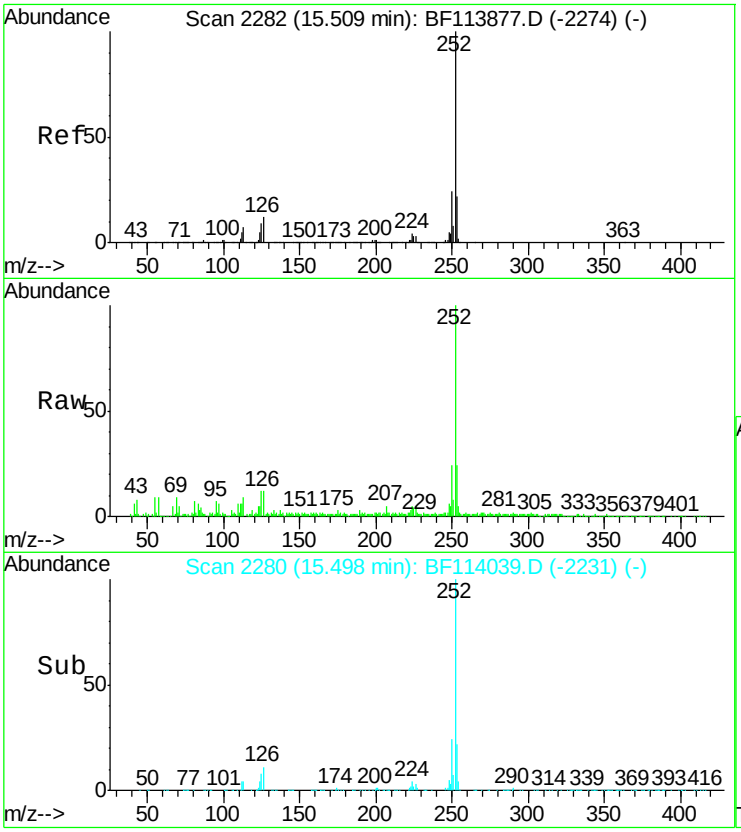


#89
Benzo(k)fluoranthene
Concen: 16.906 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:252 Resp: 350774

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	11.8	7.4	11.2#



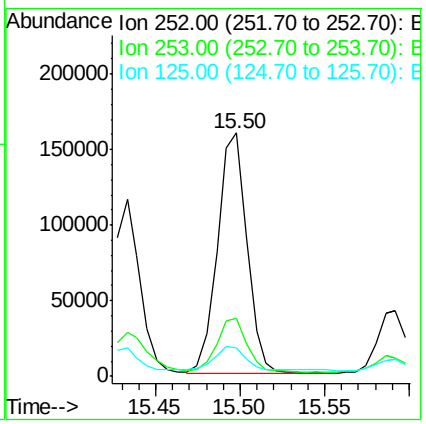


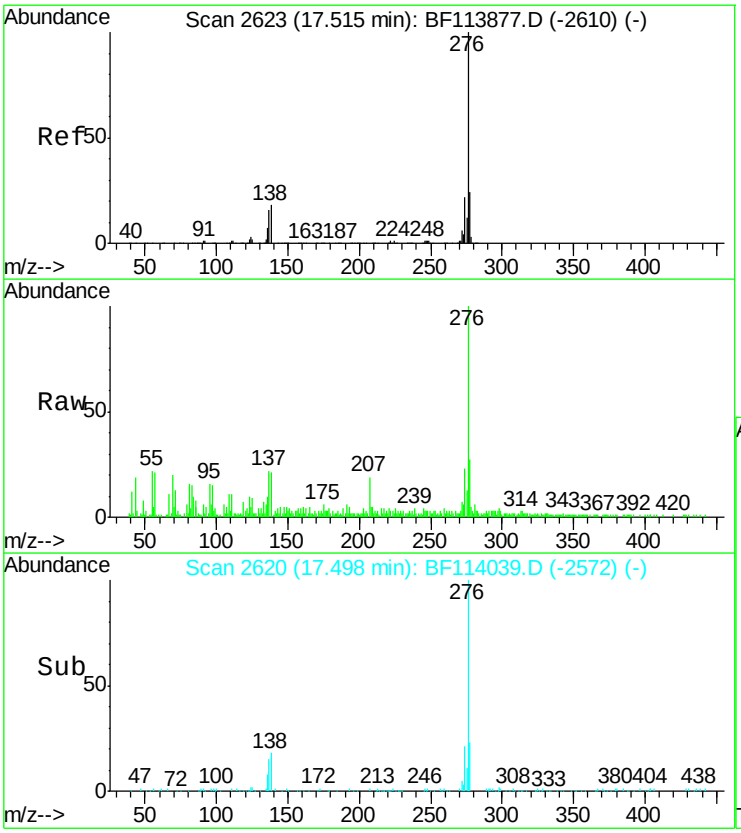
#90
Benzo(a)pyrene
Concen: 9.283 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 193678

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.7	8.5	12.7





#92
Benzo(g,h,i)perylene
Concen: 4.542 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF114039.D
Acq: 30 Apr 2019 13:59

Tgt Ion:276 Resp: 89763

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.0	28.4
138	21.4	16.6	25.0