Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 00:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	129181	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	505603	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	243067	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	437245	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	329247	20.00	ng		-0.02
87) Perylene-d12	15.23	264	331994	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	320724	42.34	ng		0.00
7) Phenol-d6	6.33	99	439733	47.10	ng		-0.01
23) Nitrobenzene-d5	7.24	82	247469	28.67	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	104375	35.75	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	459570	30.44	ng		-0.02
79) Terphenyl-d14	12.77	244	377167	23.32	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	33716	5.856	ng	#	77
25) Isophorone	7.24	82	247492	14.884	ng	#	64
31) Naphthalene	7.98	128	116734	4.765	ng		99
37) 2-Methylnaphthalene	8.67	142	59922	3.719	ng		98
38) 1-Methylnaphthalene	8.77	142	50121	3.226	ng		98
49) Acenaphthylene	9.57	152	56407	2.284	ng	#	97
50) Dimethylphthalate	9.43	163	51511	2.875	ng		99
51) 2,6-Dinitrotoluene	9.70	165	34003	8.609	ng	#	28
52) Acenaphthene	9.74	154	122071	8.636	ng		99
55) Dibenzofuran	9.92	168	133722	6.449	ng		94
56) 4-Nitrophenol	9.92	139	48861	17.541	ng	#	10
58) Fluorene	10.26	166	197888	12.066	ng		99
71) Phenanthrene	11.22	178	1308093	60.206	ng		100
72) Anthracene	11.27	178	447170	20.229	ng		99
73) Carbazole	11.43	167	71600	3.463	ng		99
75) Fluoranthene	12.40	202	1409455	60.538	ng		99
78) Pyrene	12.63	202	1301317	51.945	ng		99
81) Benzo(a)anthracene	13.82	228	674702	35.524	ng		98
83) Chrysene	13.85	228	570021	29.606	ng		98
86) Indeno(1,2,3-cd)pyrene	16.60	276	256840	14.448	ng		95
88) Benzo(b)fluoranthene	14.84	252	942662	46.386	ng		98
89) Benzo(k)fluoranthene	14.84	252	942662	51.685	ng		98
90) Benzo(a)pyrene	15.18	252	533843	29.562	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	58419	3.459	ng		93
92) Benzo(g,h,i)perylene	17.00	276	238693	13.848	ng		99

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

Quantitation Report (Not Reviewed)

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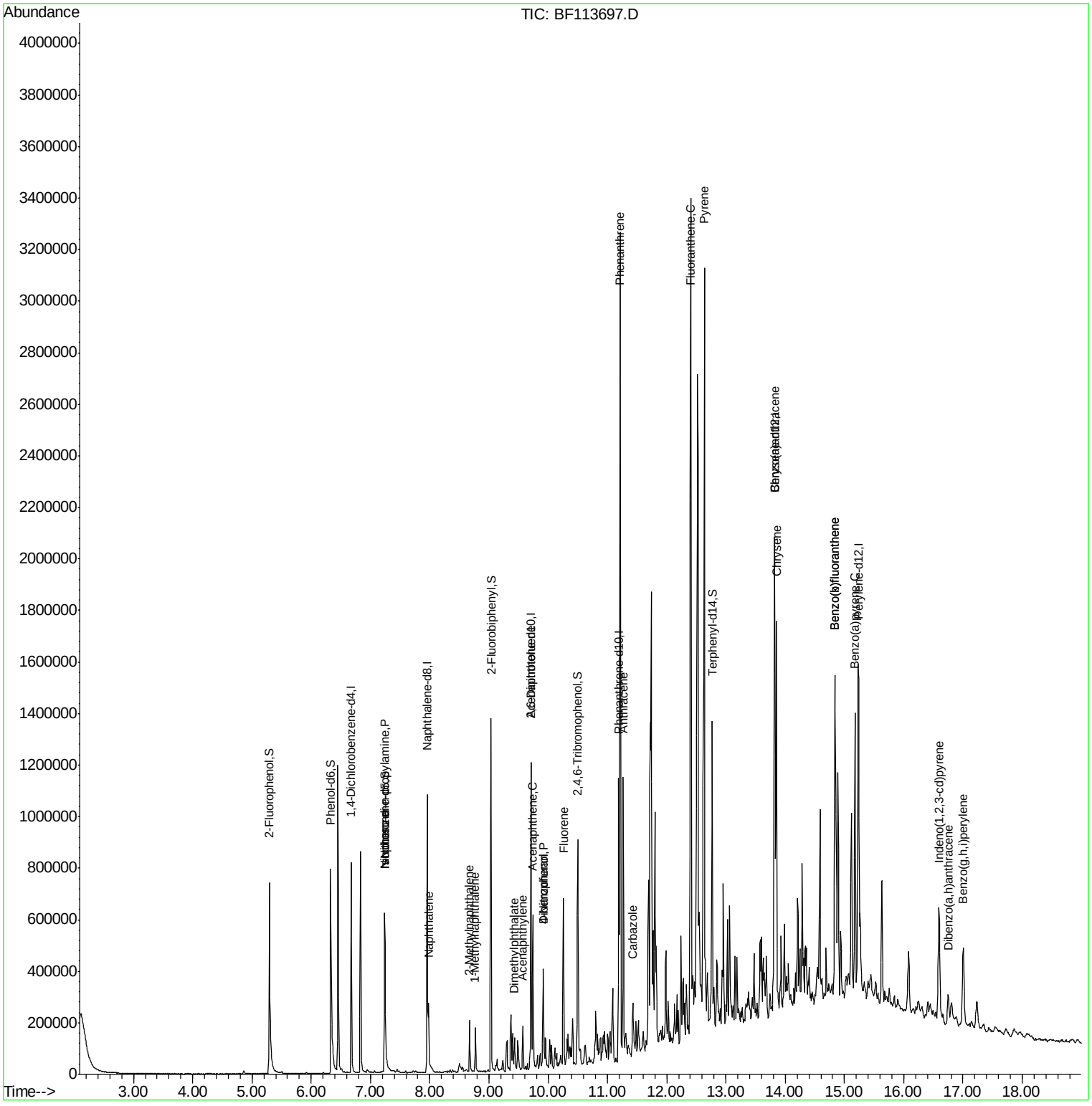
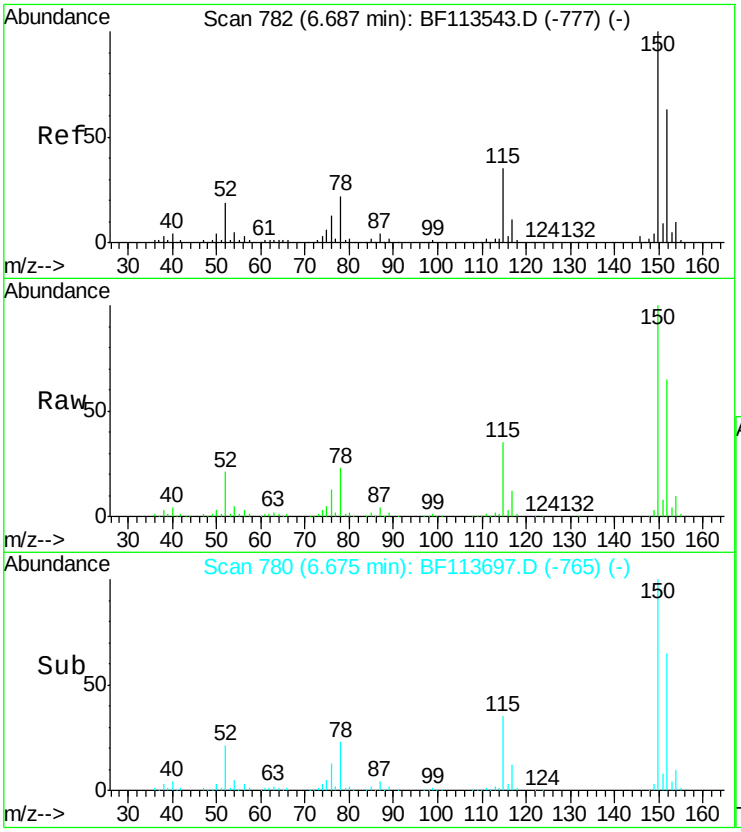
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 00:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



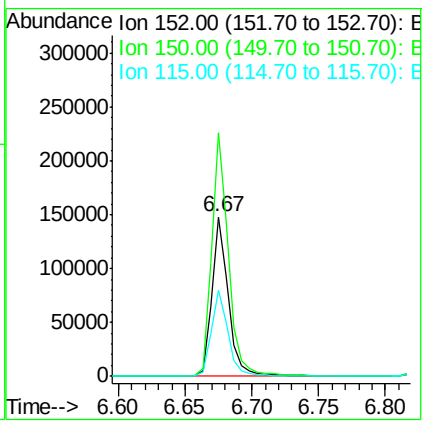


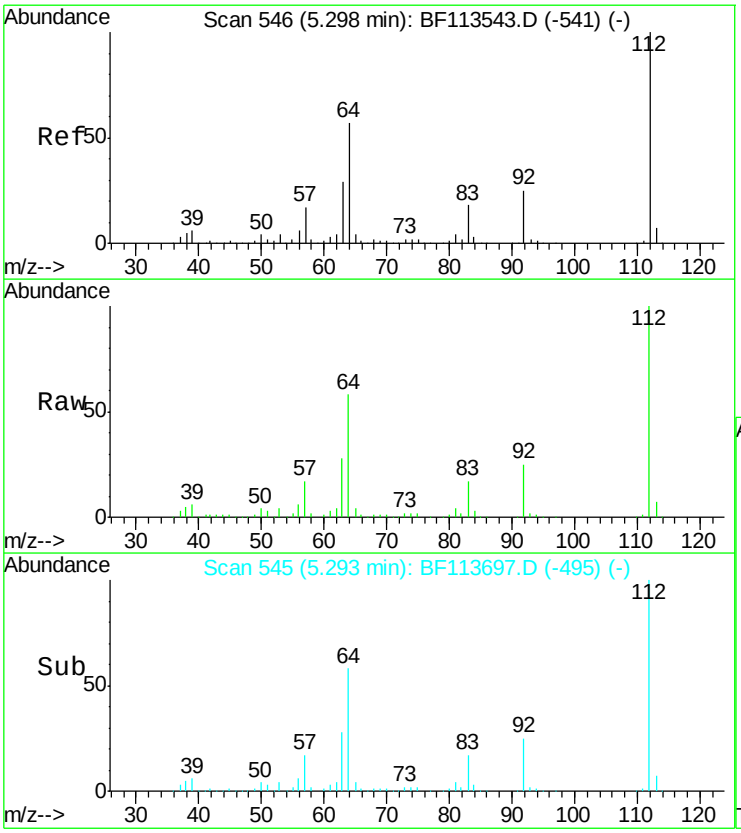
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129181

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.7	187.1
115	53.7	46.0	69.0

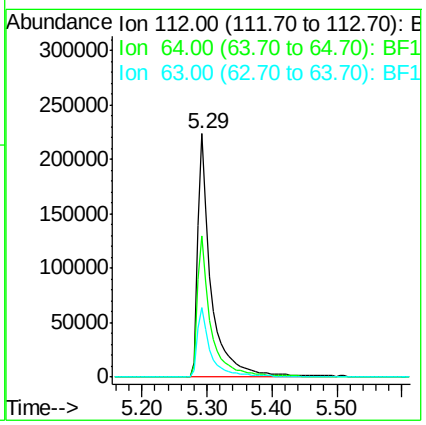


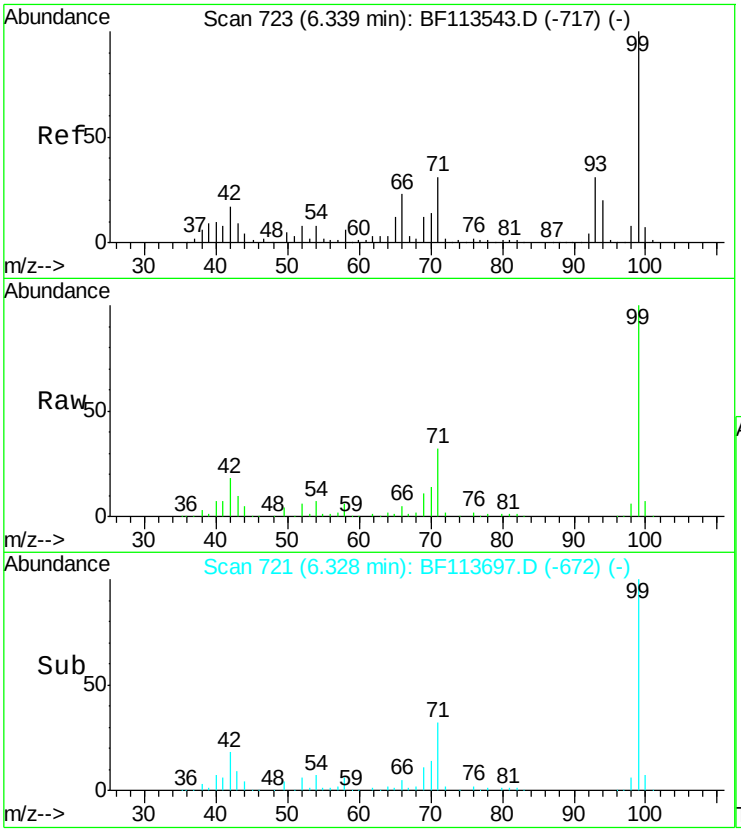


#5
2-Fluorophenol
Concen: 42.337 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:112 Resp: 320724

Ion	Ratio	Lower	Upper
112	100		
64	57.8	49.2	73.8
63	28.5	24.9	37.3



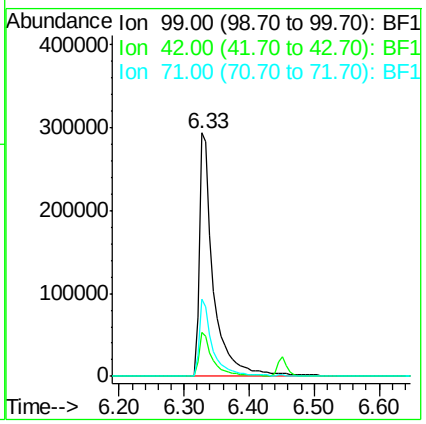


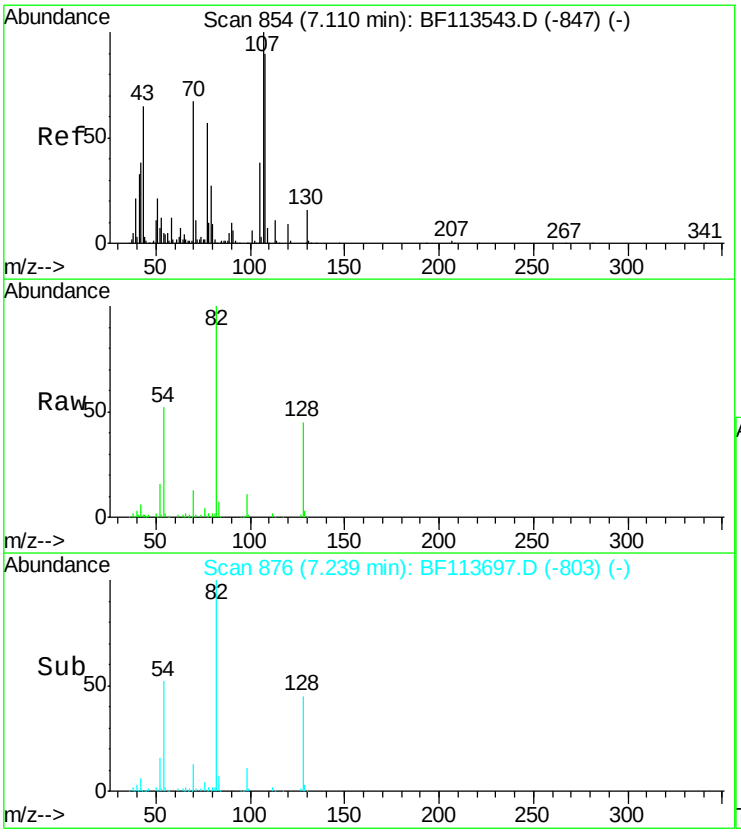
#7
Phenol-d6
Concen: 47.096 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 439733

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.8	24.9	37.3

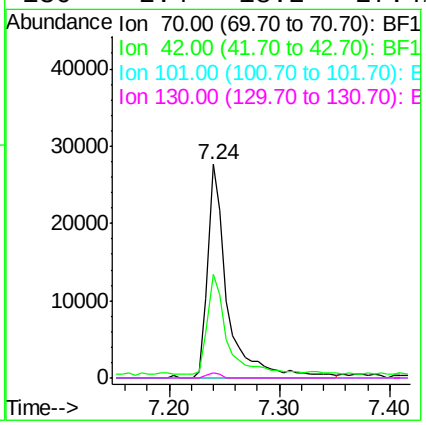


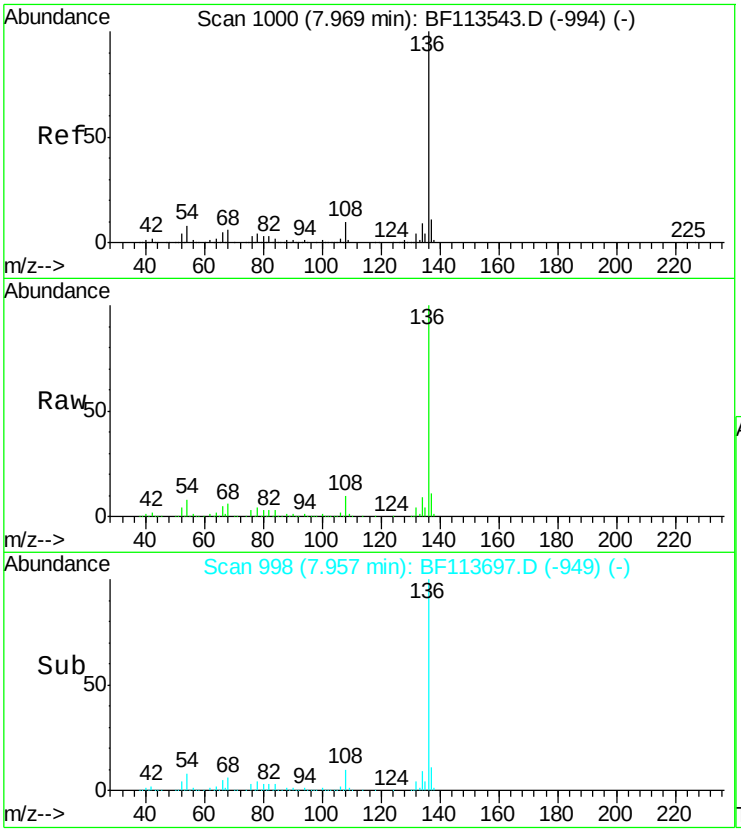


#19
n-Nitroso-di-n-propylamine
Concen: 5.856 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion: 70 Resp: 33716

Ion	Ratio	Lower	Upper
70	100		
42	48.6	48.4	72.6
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#



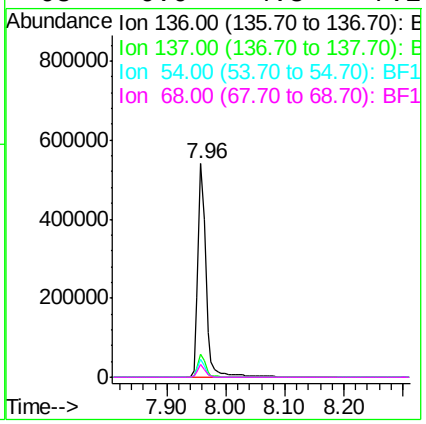


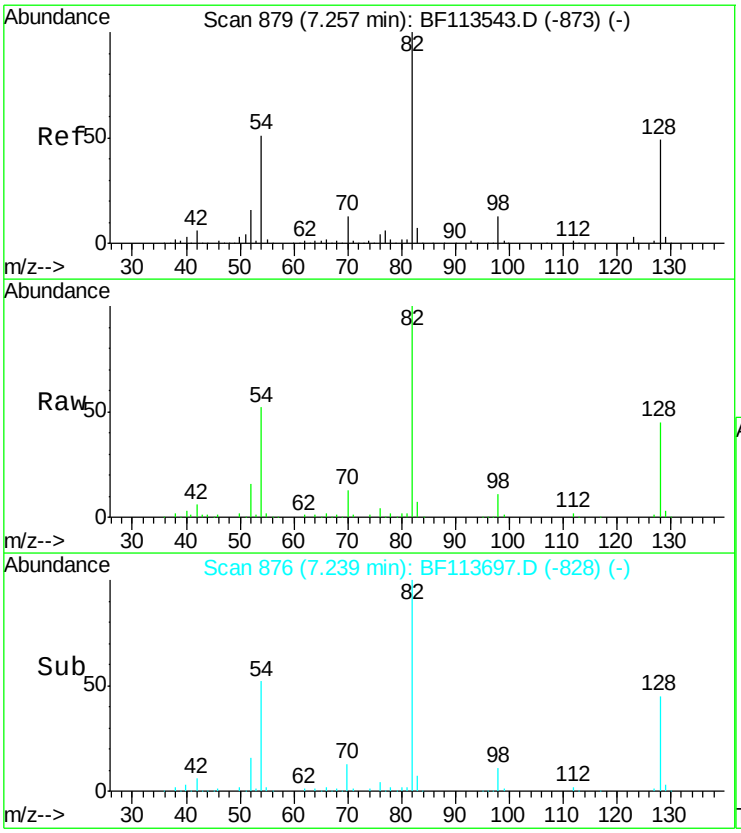
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 505603

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.0	10.6
68	6.0	4.8	7.2

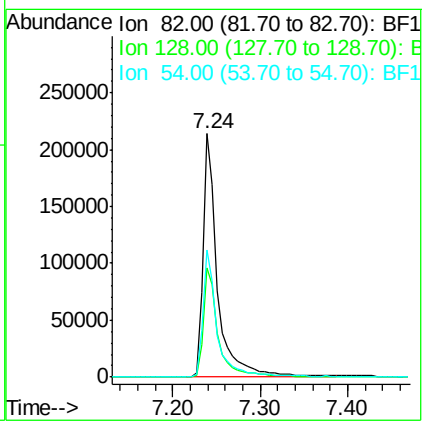


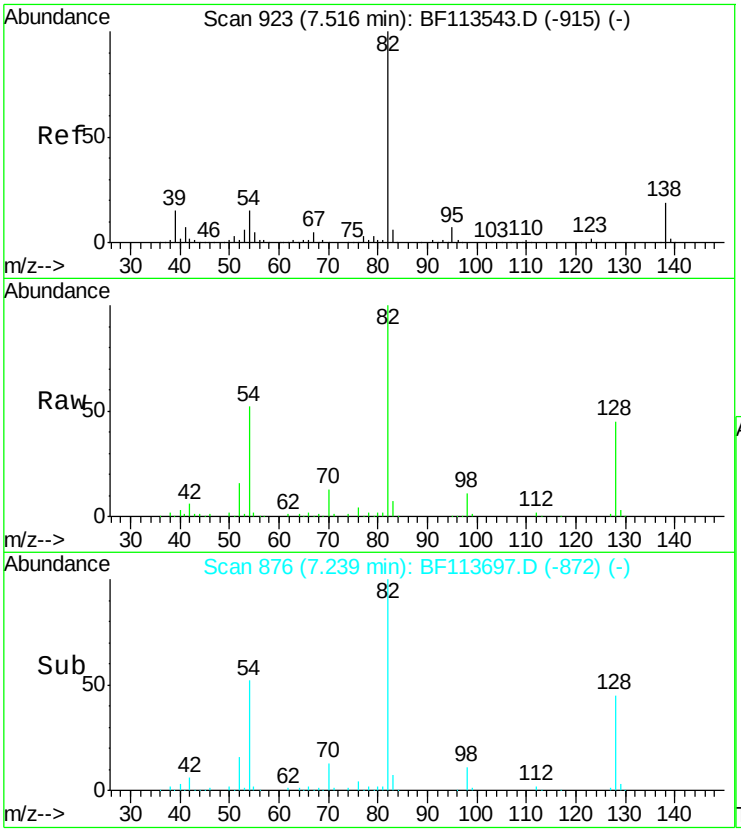


#23
Nitrobenzene-d5
Concen: 28.670 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion: 82 Resp: 247469

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	52.4	42.2	63.2



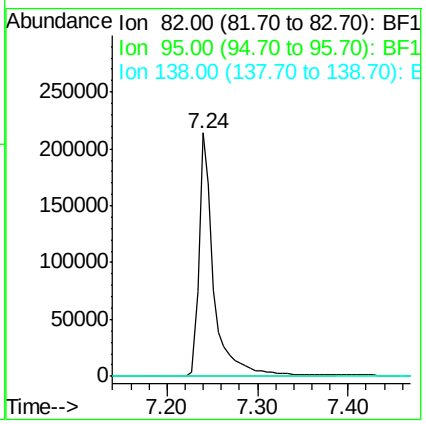


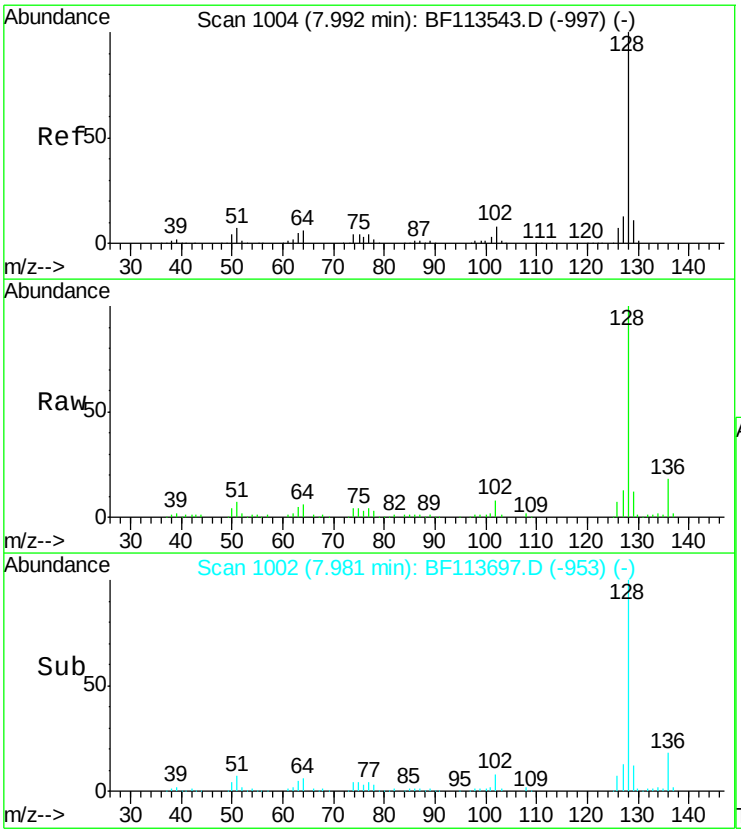
#25
Isophorone
Concen: 14.884 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 247492

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	15.2	22.8#

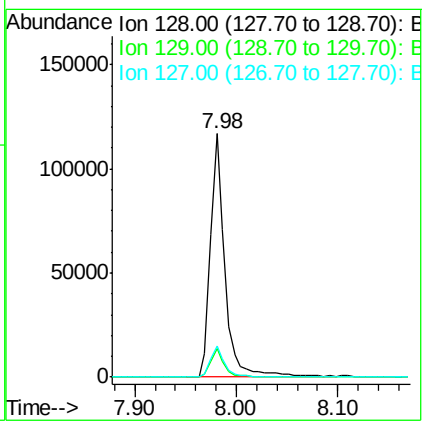


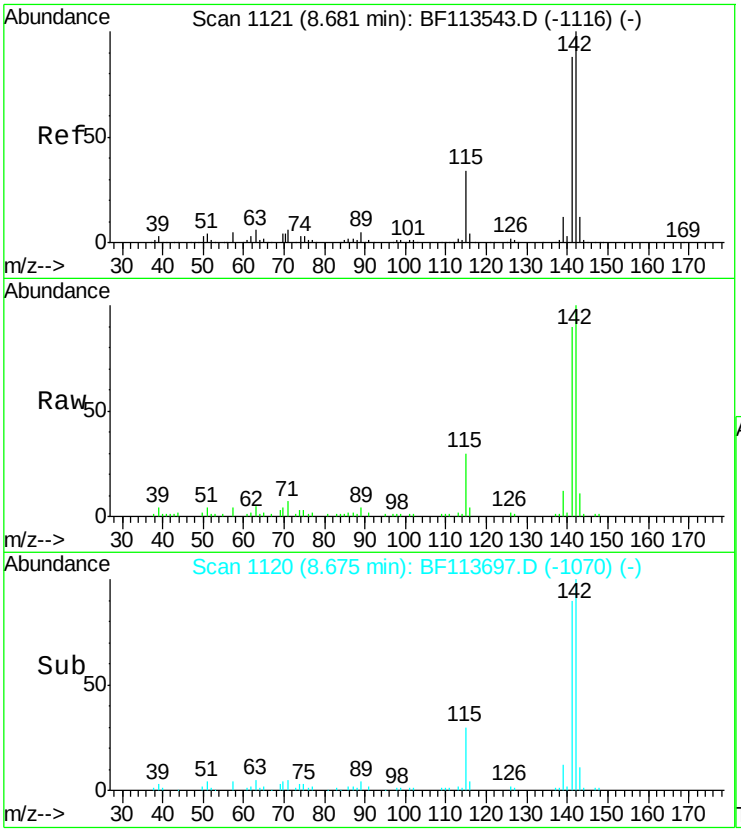


#31
Naphthalene
Concen: 4.765 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:128 Resp: 116734

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	12.6	10.9	16.3



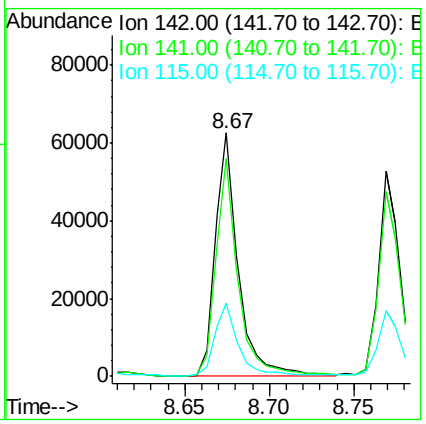


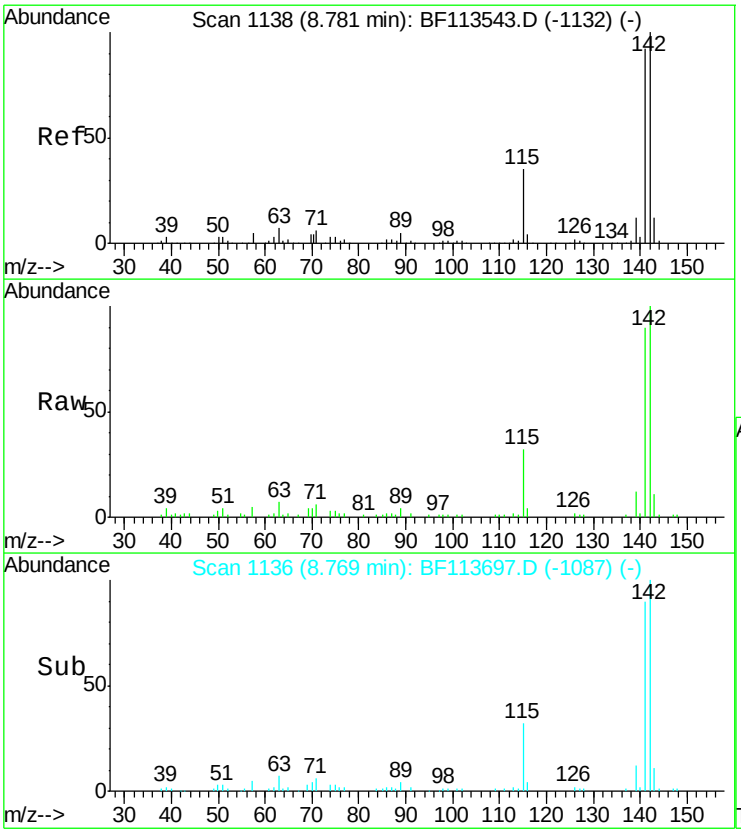
#37
2-Methylnaphthalene
Concen: 3.719 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 59922

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	30.0	26.6	39.8

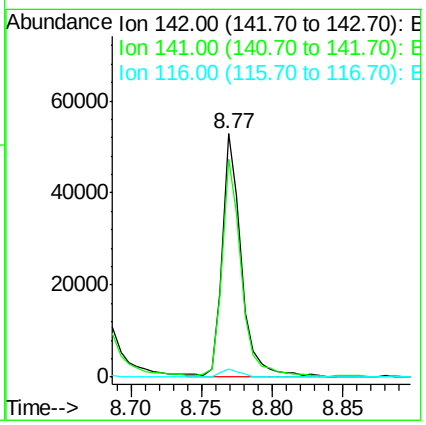


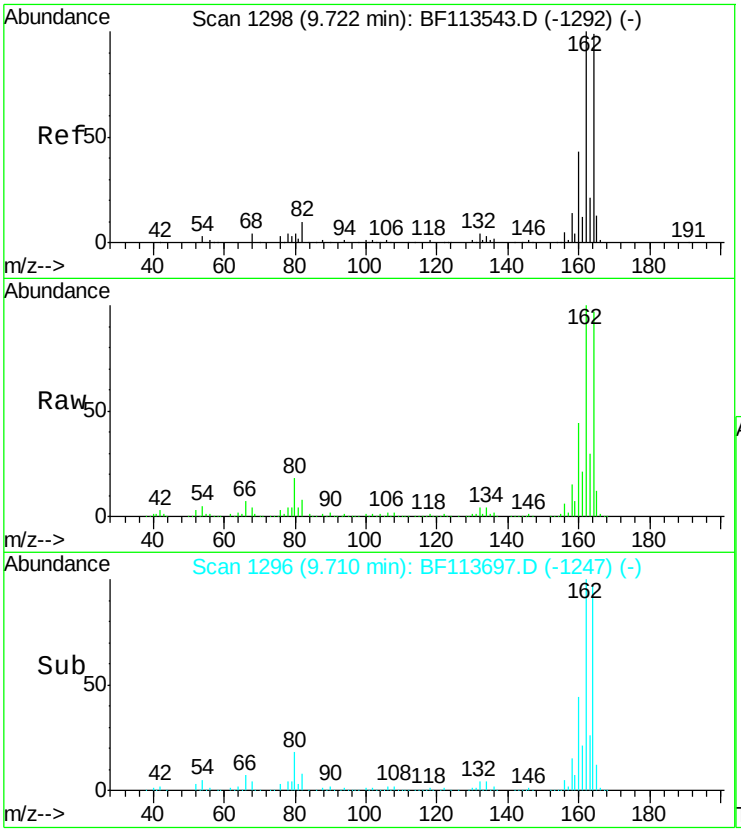


#38
1-Methylnaphthalene
Concen: 3.226 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:142 Resp: 50121

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.2	109.8
116	3.5	3.0	4.4



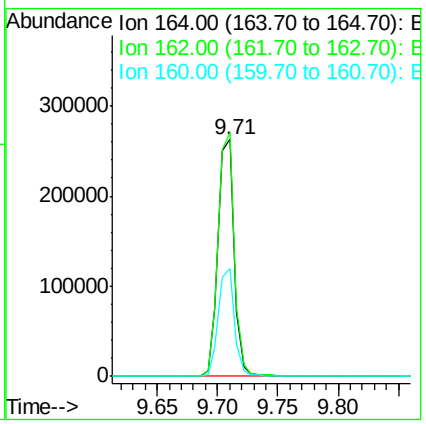


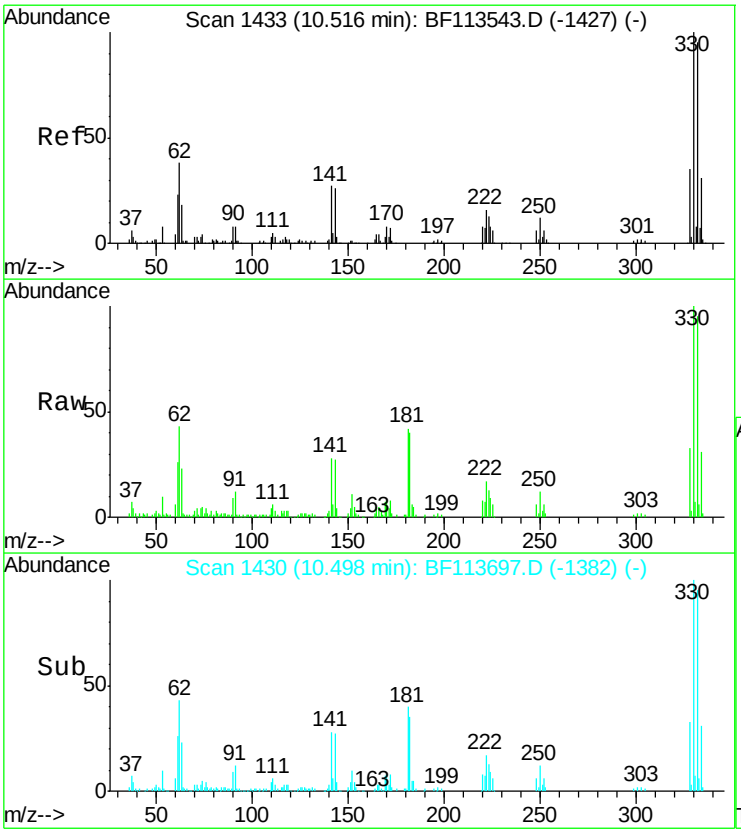
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 243067

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.5	36.4	54.6

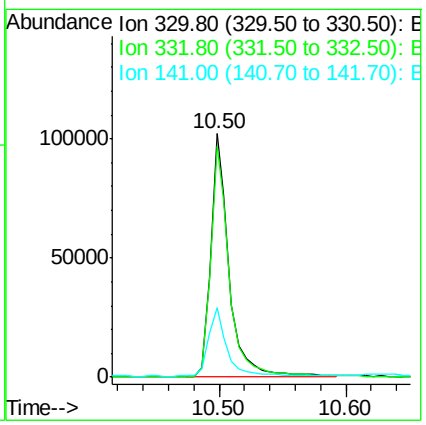


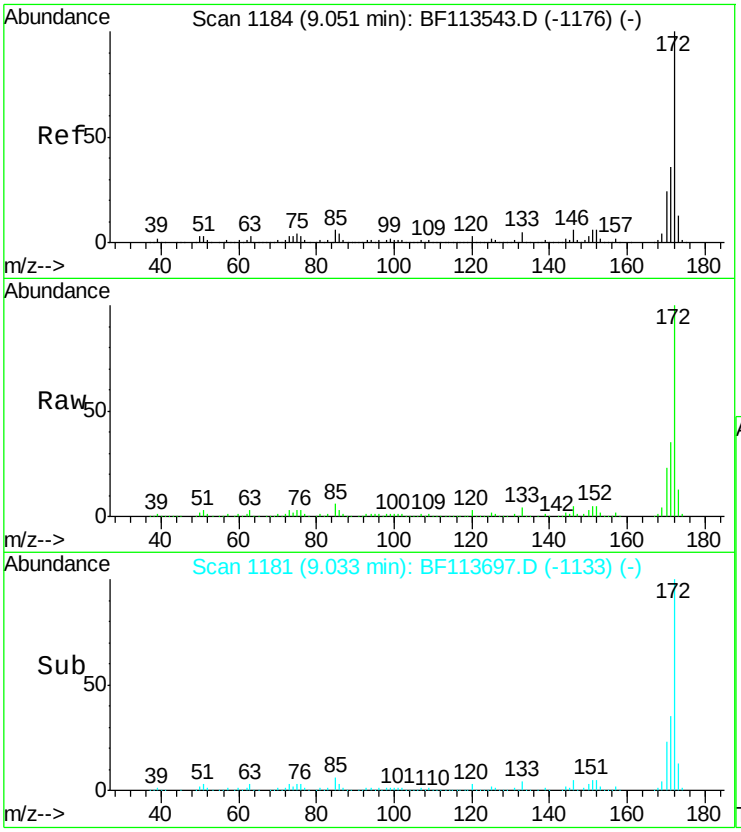


#42
2,4,6-Tribromophenol
Concen: 35.747 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:330 Resp: 104375

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	29.0	22.7	34.1



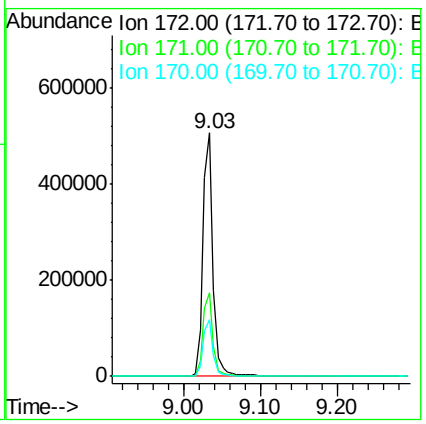


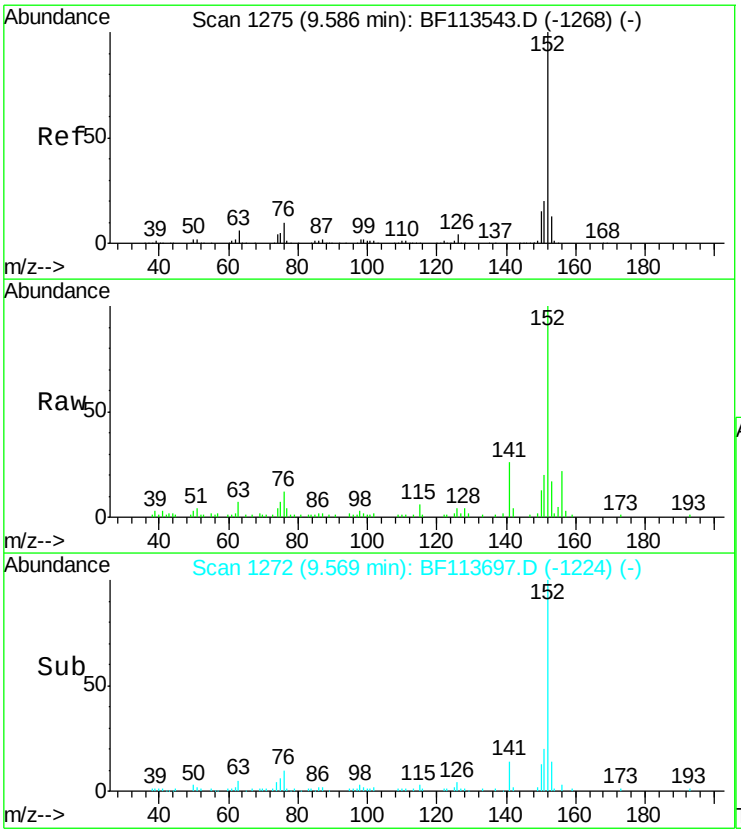
#45
2-Fluorobiphenyl
Concen: 30.438 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 459570

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.6
170	23.3	19.5	29.3

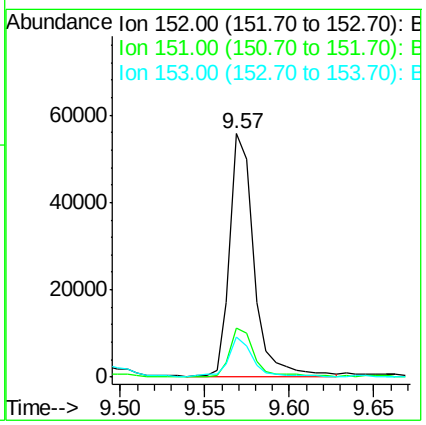


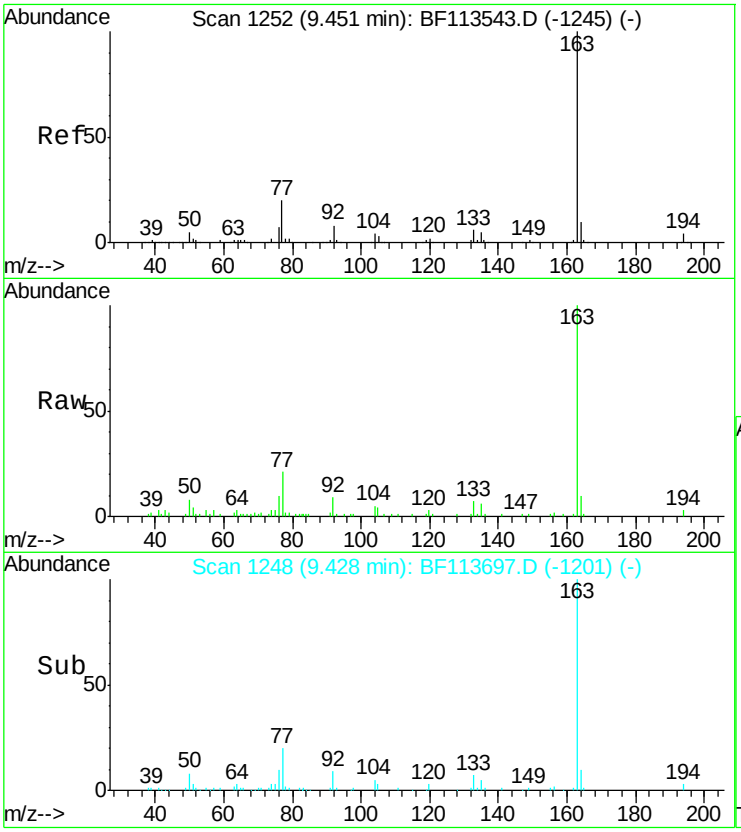


#49
Acenaphthylene
Concen: 2.284 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:152 Resp: 56407

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	16.6	11.0	16.6#



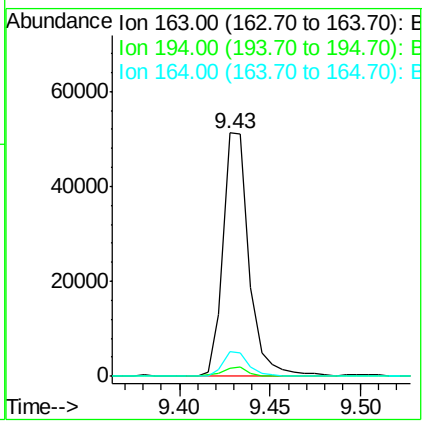


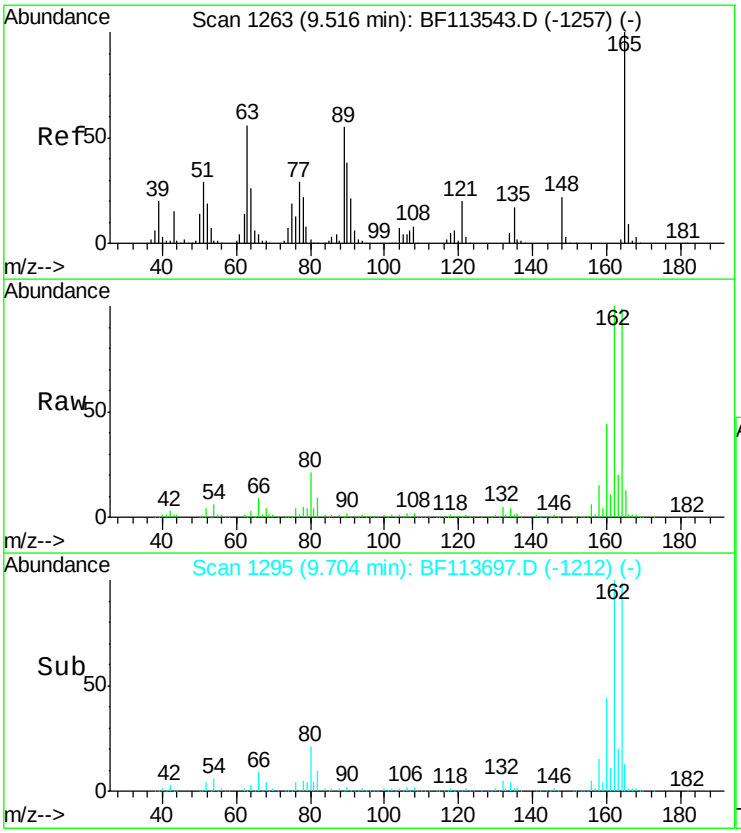
#50
Dimethylphthalate
Concen: 2.875 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 51511

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.2	8.1	12.1

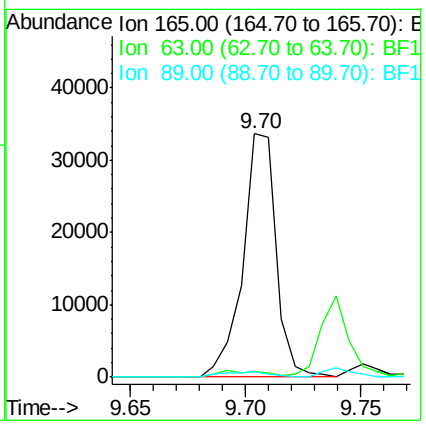


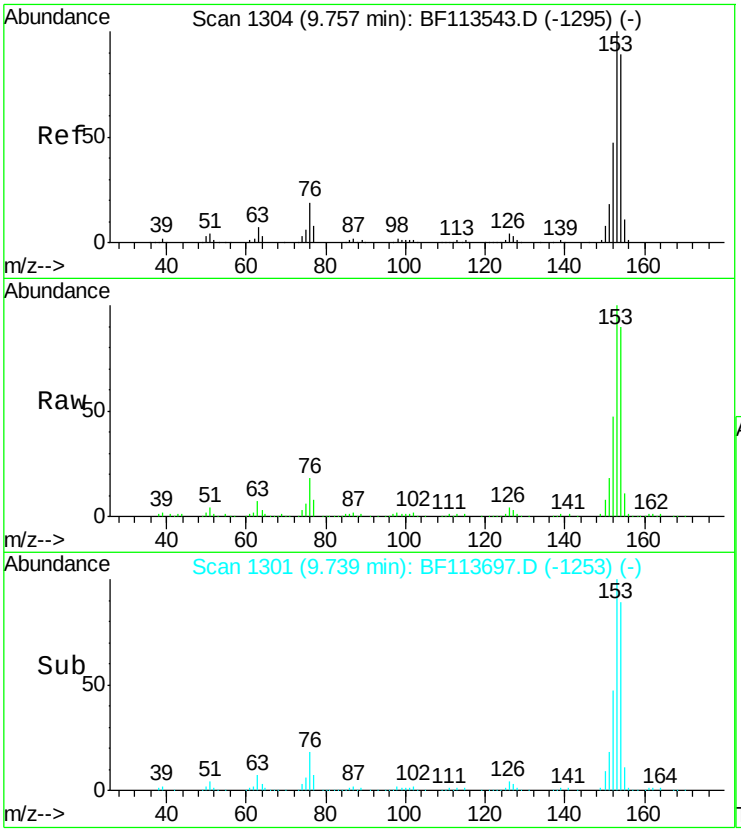


#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:165 Resp: 34003

Ion	Ratio	Lower	Upper
165	100		
63	2.1	43.4	65.0#
89	2.2	43.1	64.7#



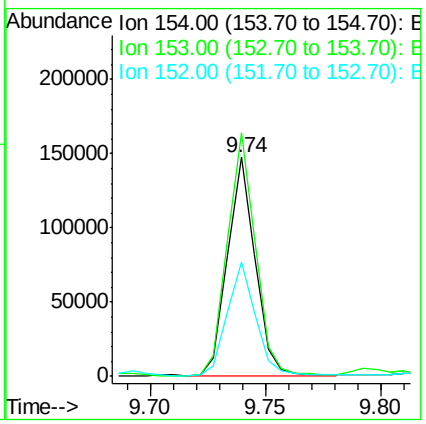


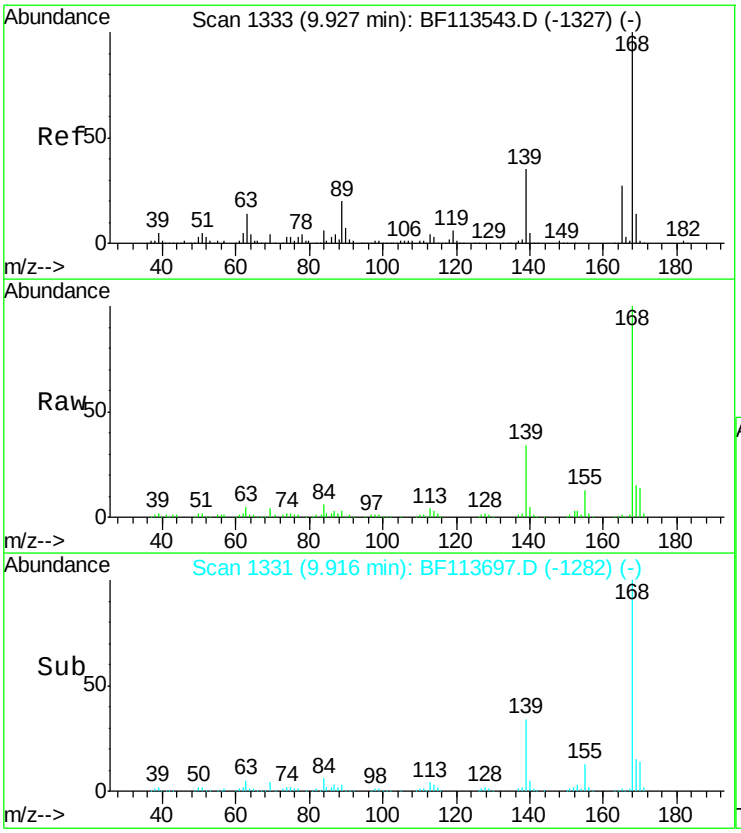
#52
Acenaphthene
Concen: 8.636 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 122071

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.5	134.3
152	52.4	43.3	64.9

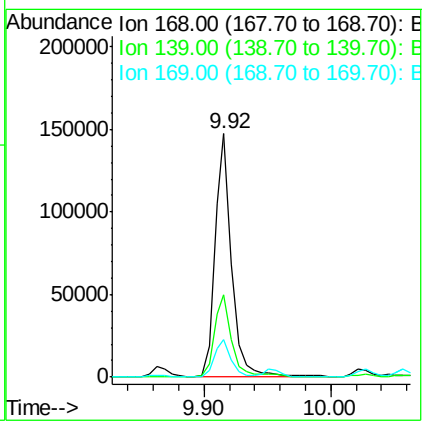


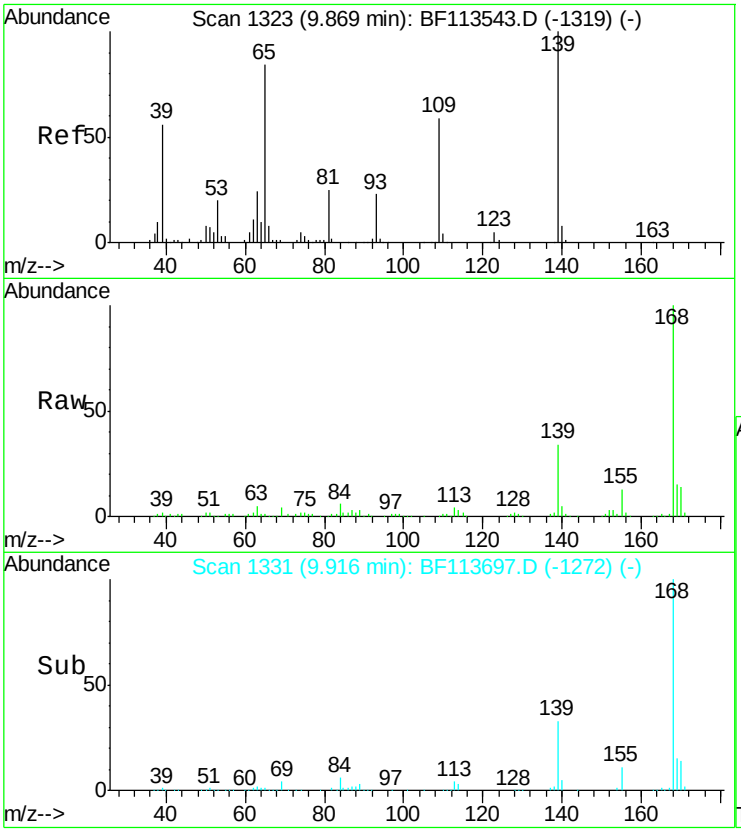


#55
Dibenzofuran
Concen: 6.449 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:168 Resp: 133722

Ion	Ratio	Lower	Upper
168	100		
139	33.6	29.7	44.5
169	15.5	10.7	16.1



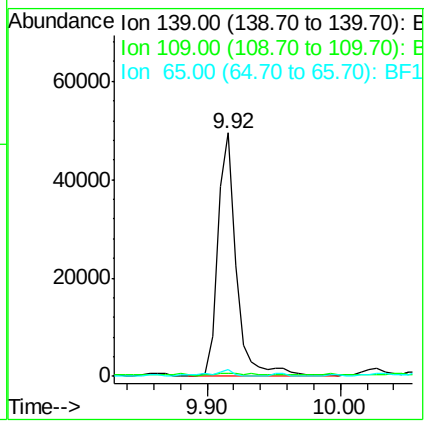


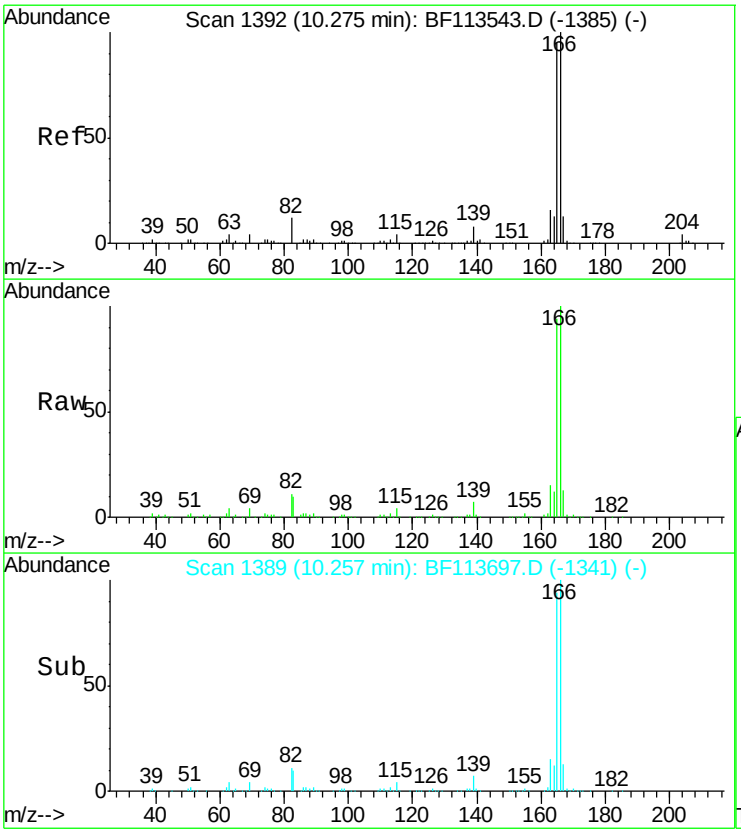
#56
4-Nitrophenol
Concen: 17.541 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.05 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 48861

Ion	Ratio	Lower	Upper
139	100		
109	1.4	46.9	86.9#
65	2.7	77.2	117.2#

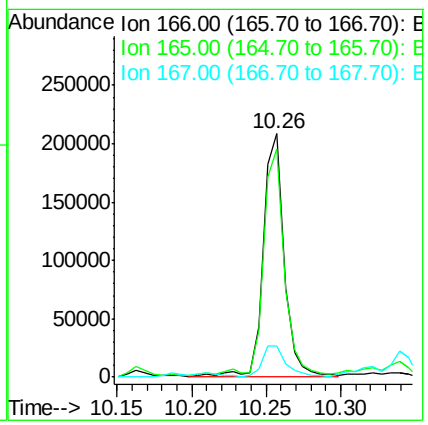


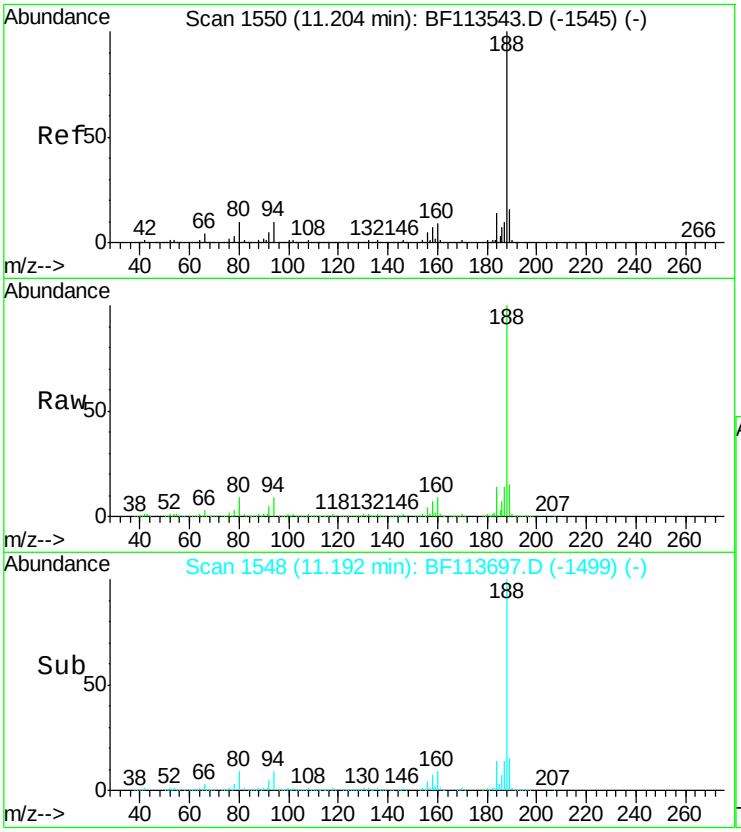


#58
Fluorene
Concen: 12.066 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:166 Resp: 197888

Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.2	114.2
167	12.9	10.7	16.1



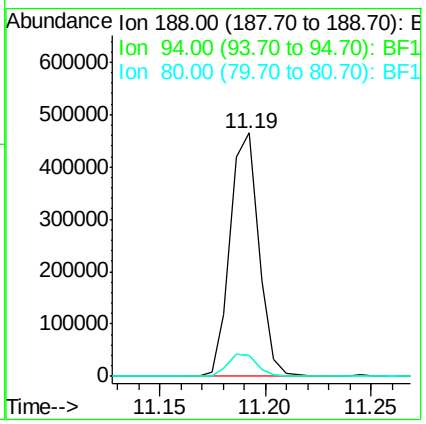


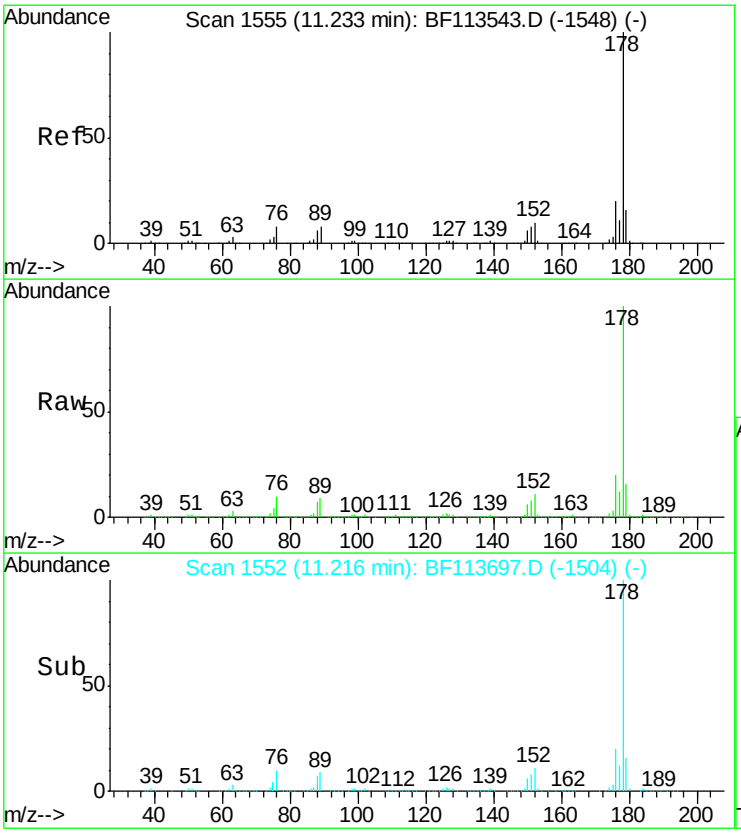
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 437245

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.6	7.7	11.5

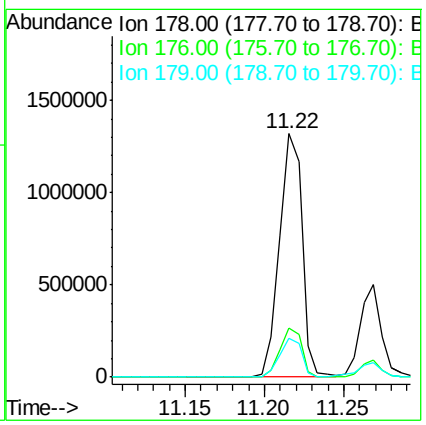


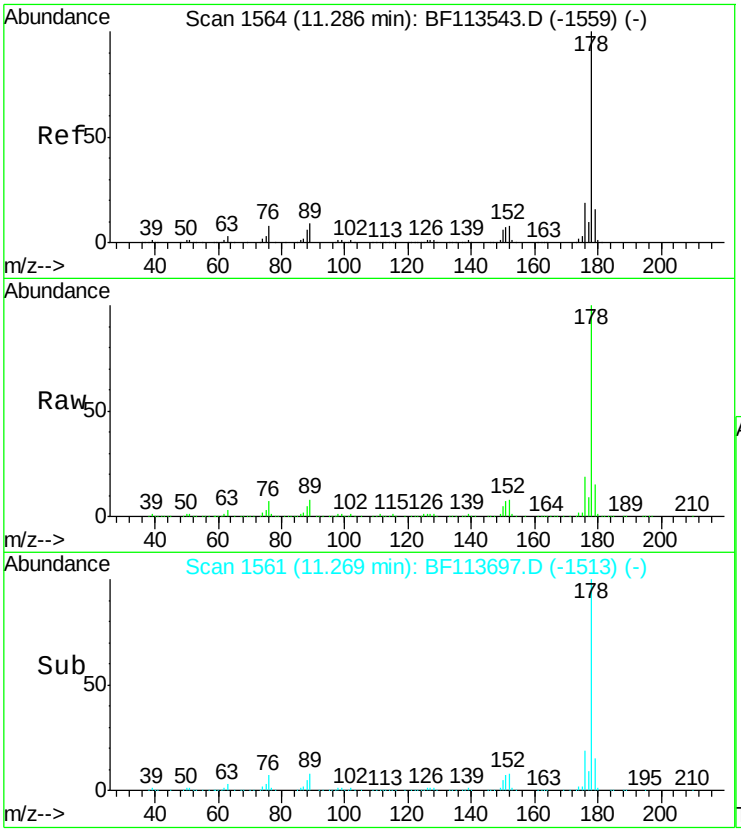


#71
Phenanthrene
Concen: 60.206 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:178 Resp: 1308093

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.2
179	16.2	12.7	19.1



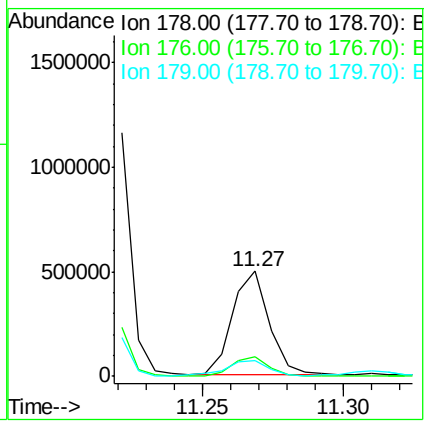


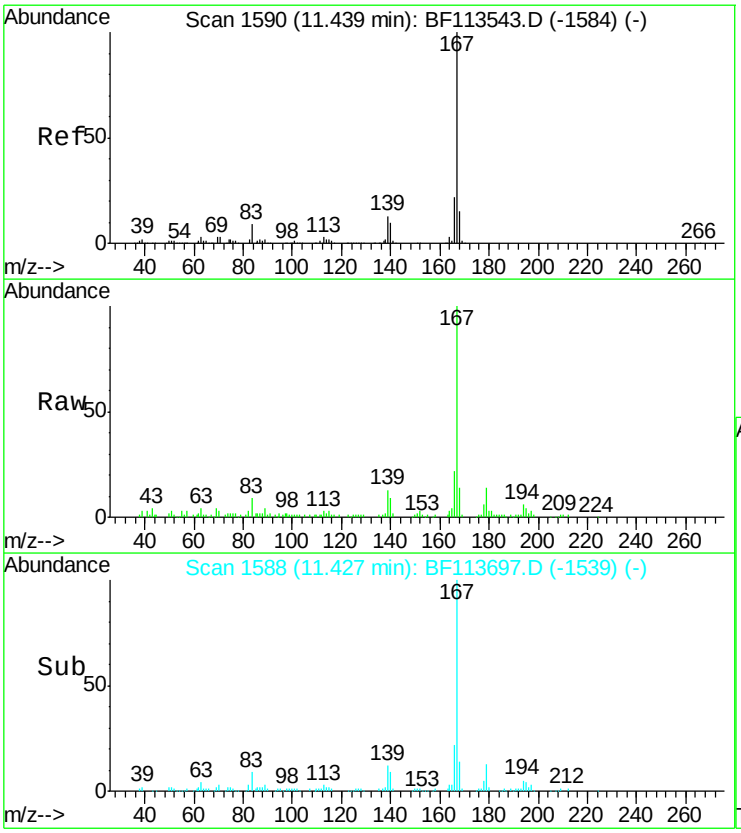
#72
Anthracene
Concen: 20.229 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 447170

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.8	19.2

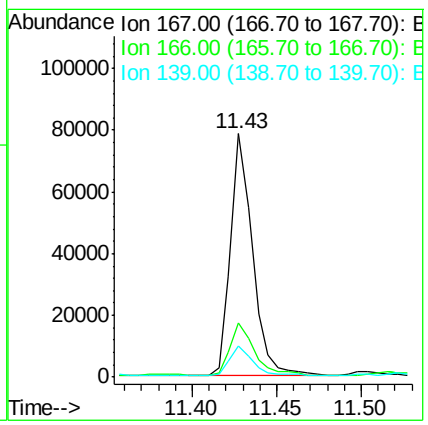


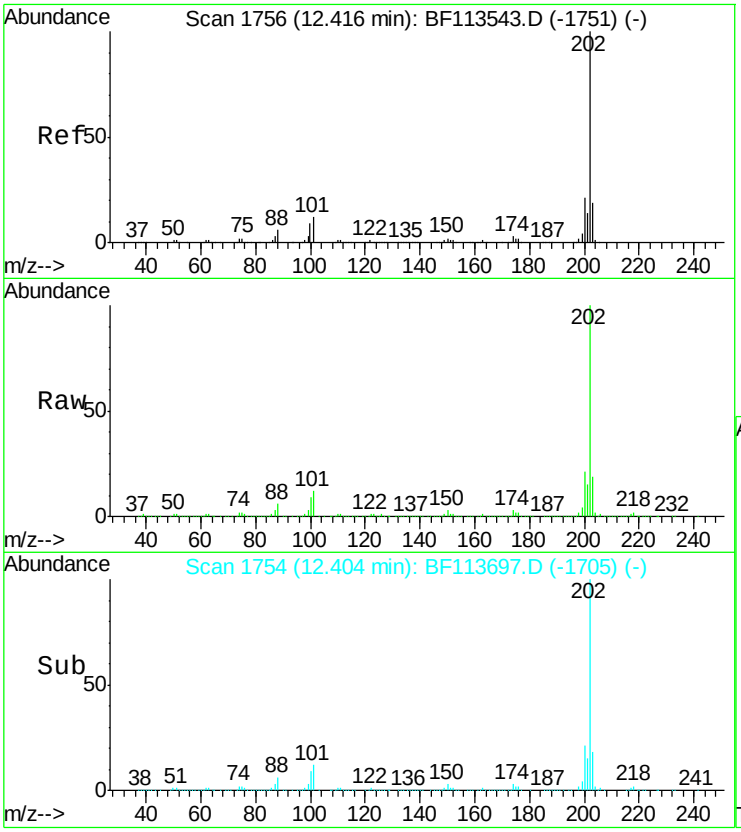


#73
Carbazole
Concen: 3.463 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:167 Resp: 71600

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	12.7	10.4	15.6



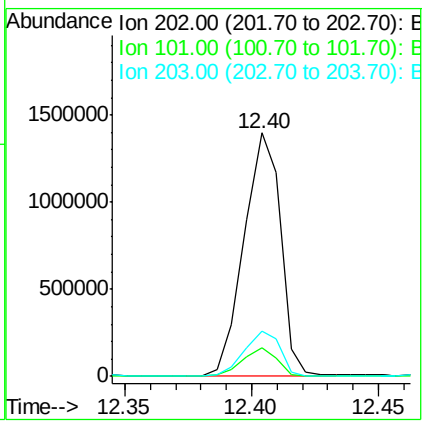


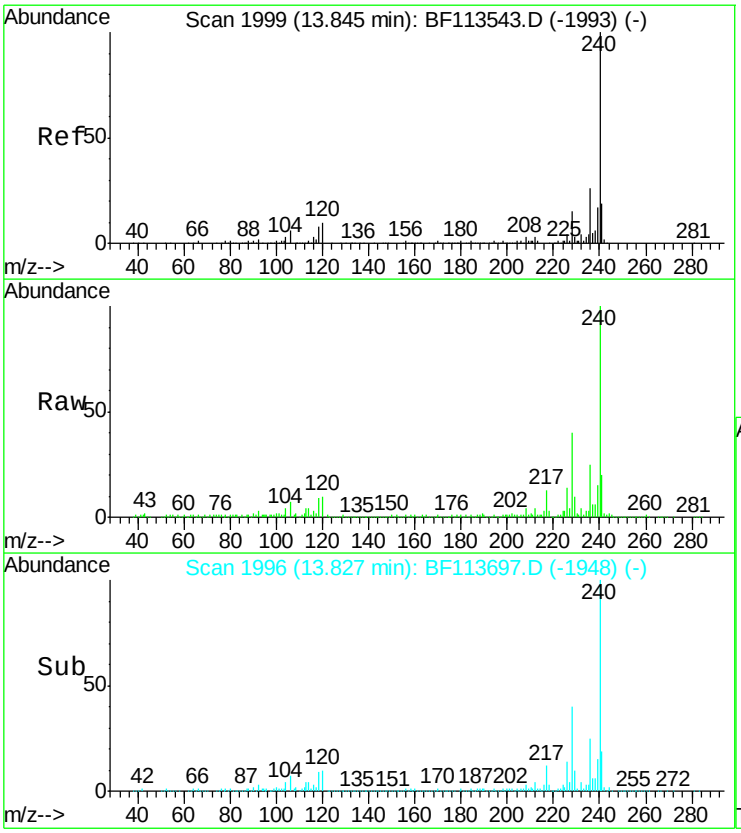
#75
Fluoranthene
Concen: 60.538 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1409455

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	18.5	0.0	38.0

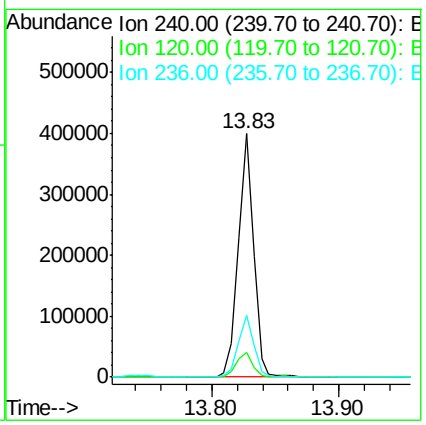


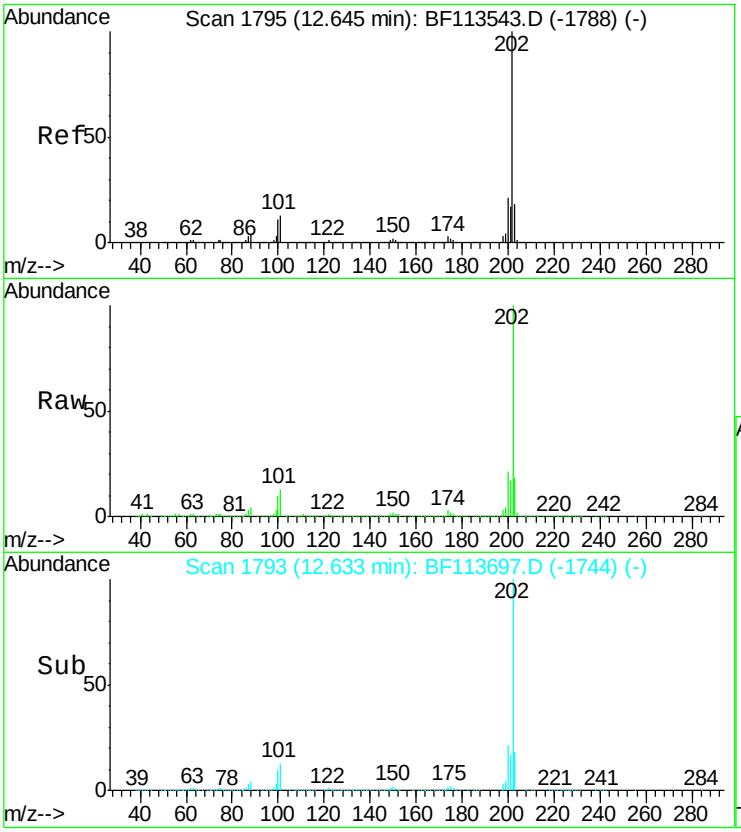


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:240 Resp: 329247

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.5	20.9	31.3



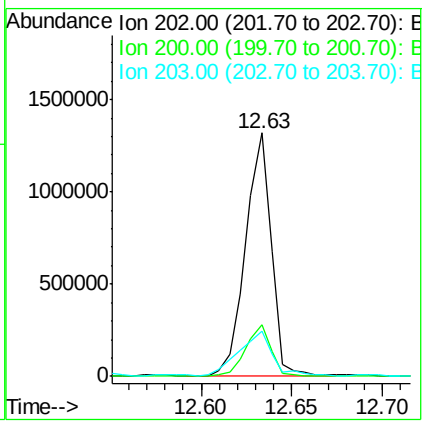


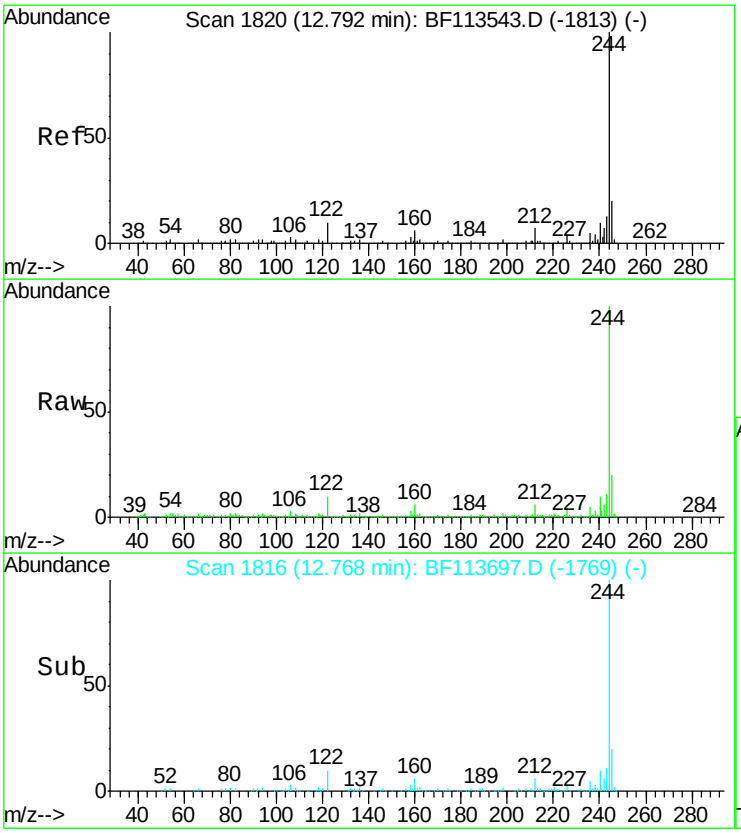
#78
Pyrene
Concen: 51.945 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1301317

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.5	14.4	21.6

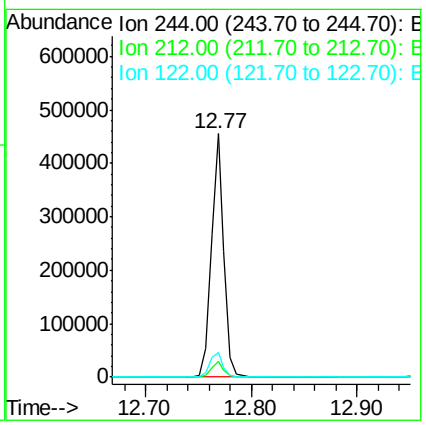


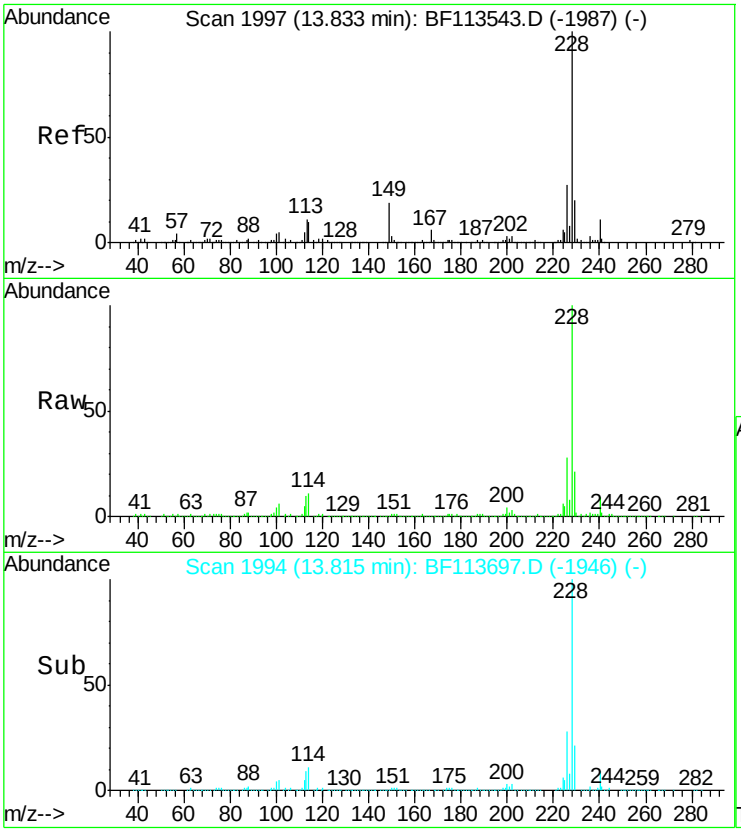


#79
Terphenyl-d14
Concen: 23.323 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:244 Resp: 377167

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	10.0	8.6	13.0



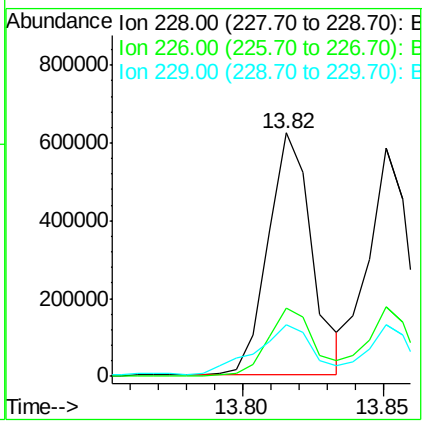


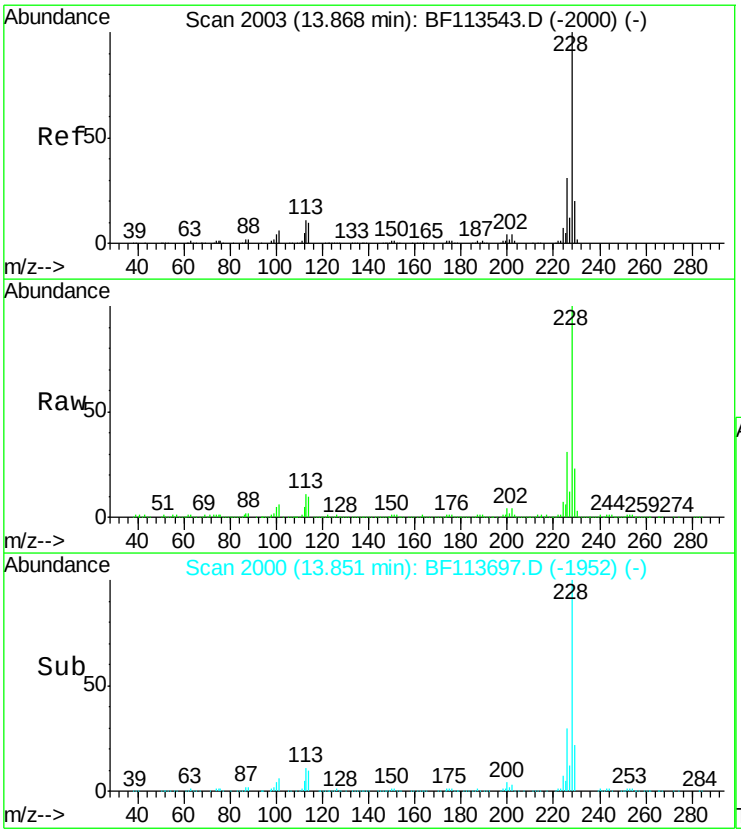
#81
Benzo(a)anthracene
Concen: 35.524 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 674702

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	21.4	16.2	24.4

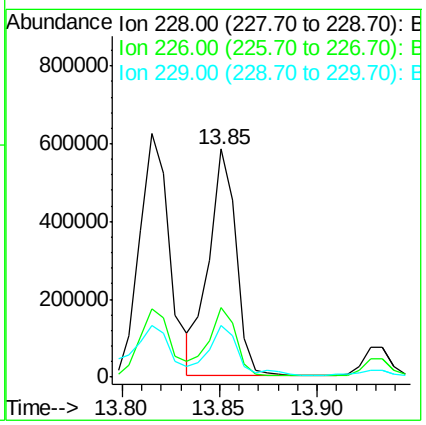


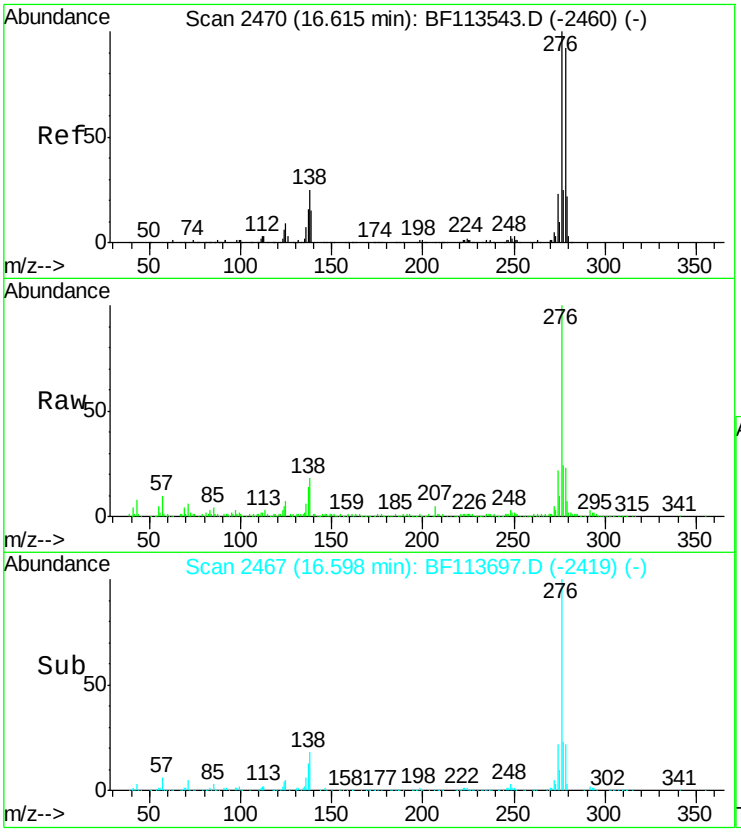


#83
Chrysene
Concen: 29.606 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:228 Resp: 570021

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	22.9	16.3	24.5



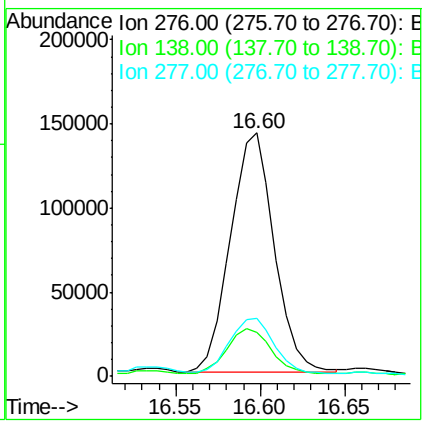


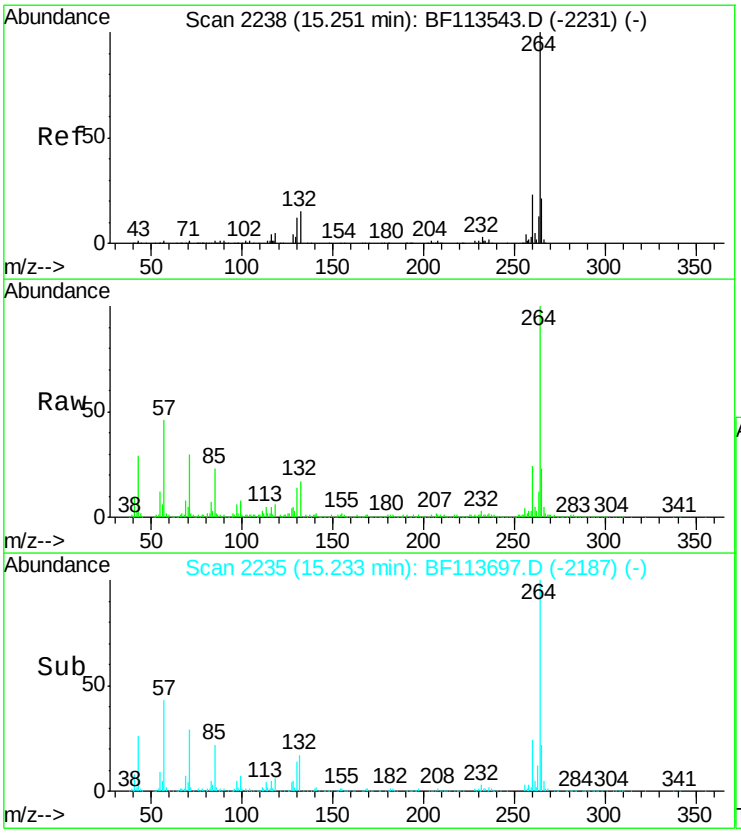
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.448 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 256840

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	23.2	20.2	30.4

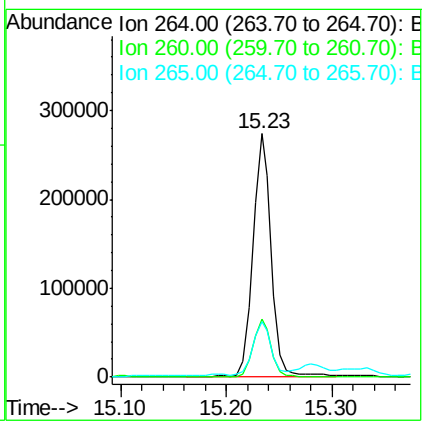


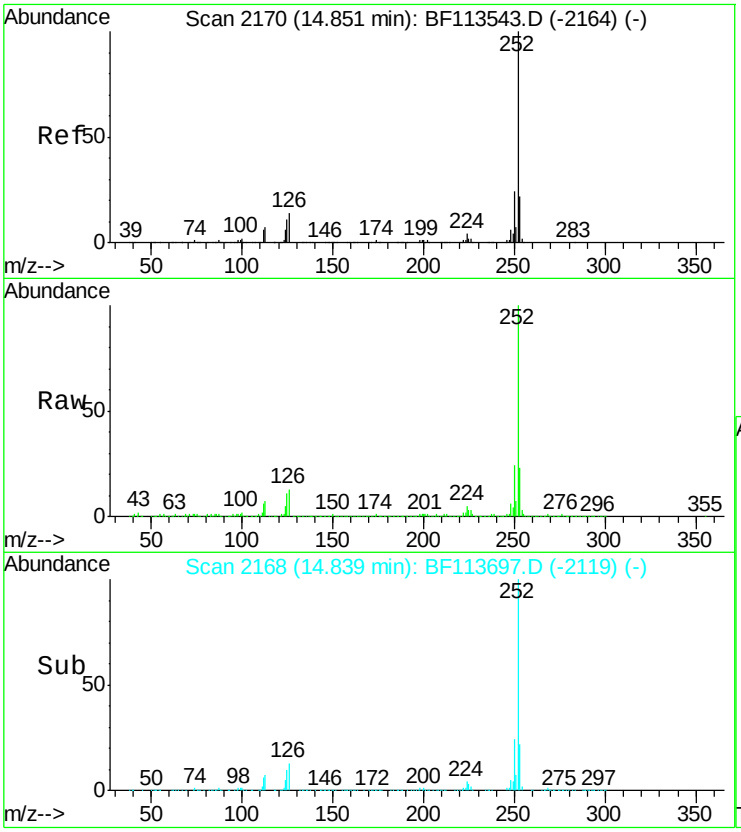


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:264 Resp: 331994

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.7	17.1	25.7



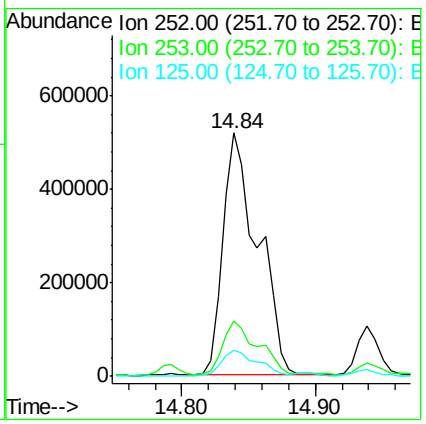


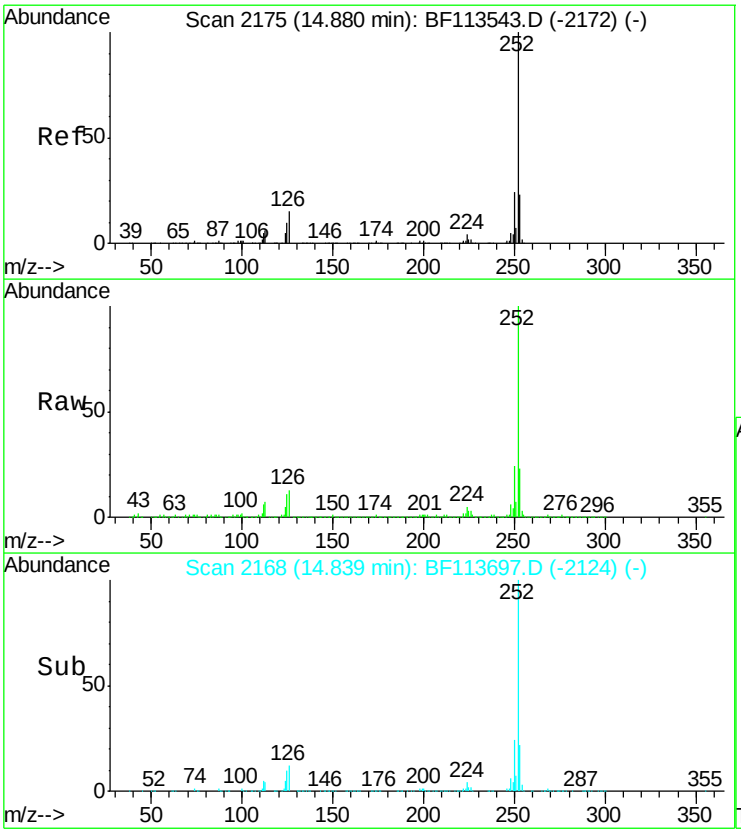
#88
Benzo(b)fluoranthene
Concen: 46.386 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 942662

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.8	7.6	11.4

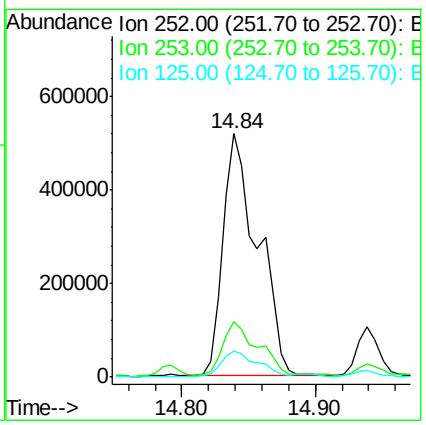


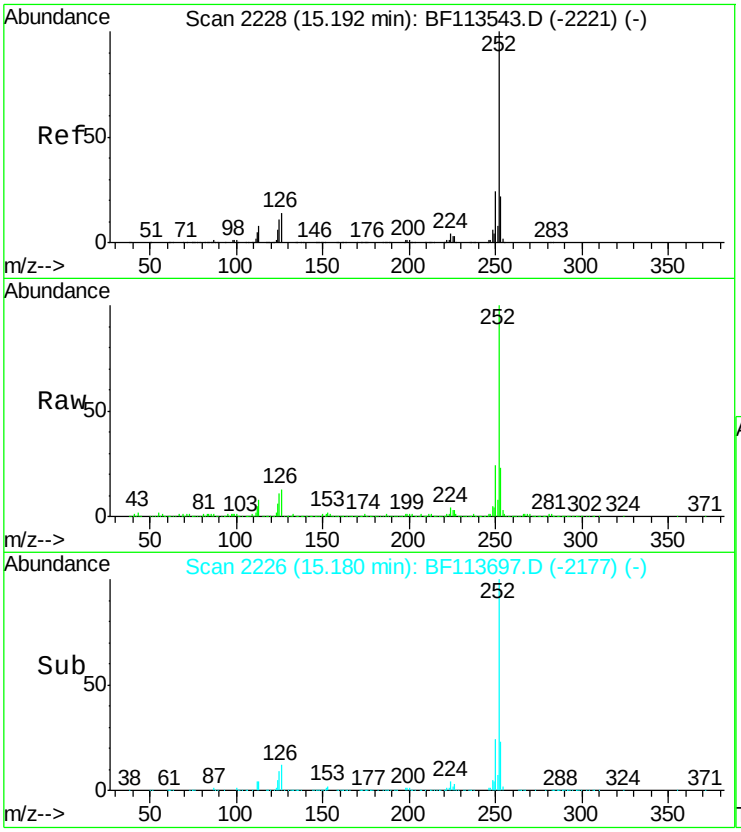


#89
Benzo(k)fluoranthene
Concen: 51.685 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:252 Resp: 942662

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	10.8	7.3	10.9



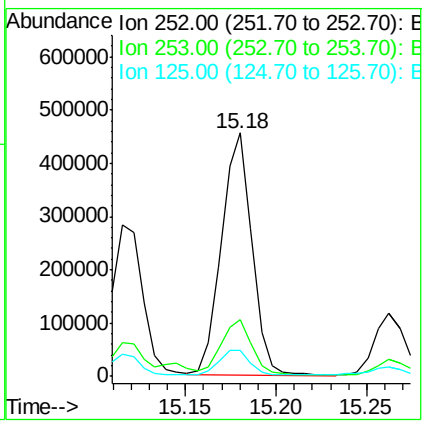


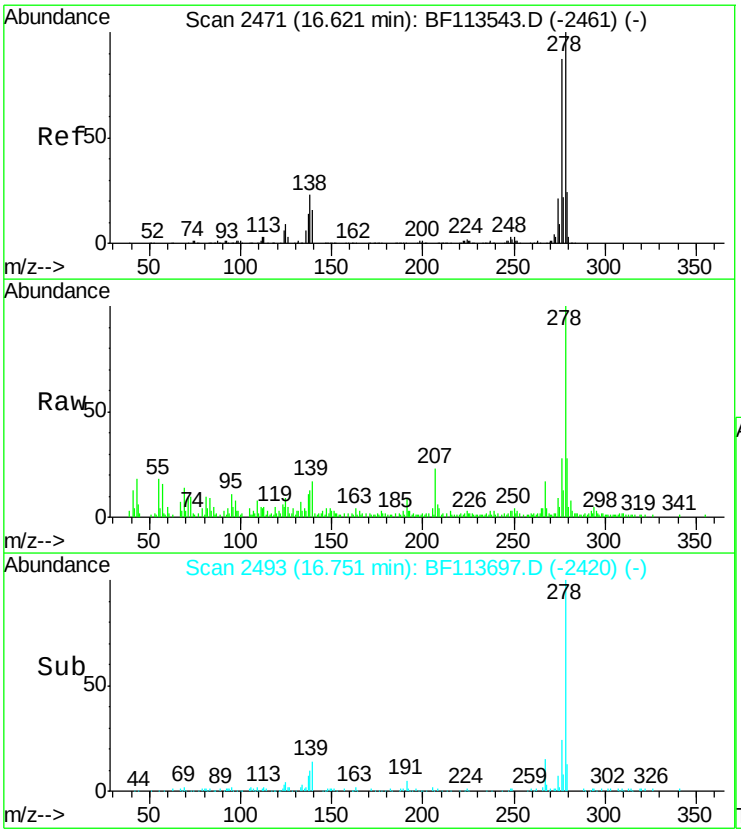
#90
Benzo(a)pyrene
Concen: 29.562 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 533843

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.5	8.8	13.2

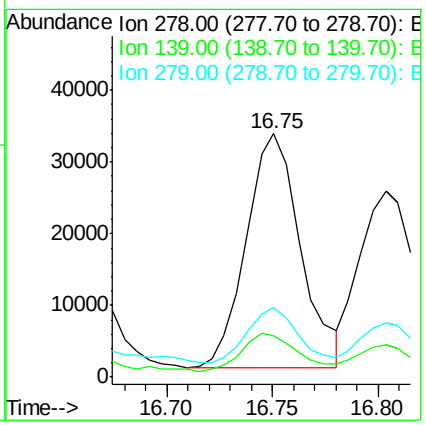


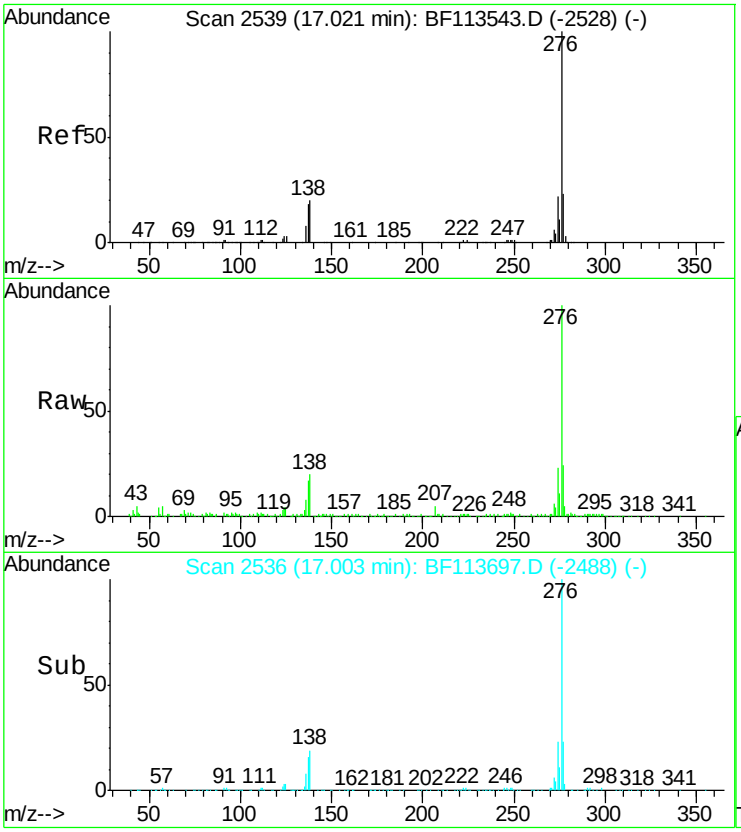


#91
Dibenzo(a,h)anthracene
Concen: 3.459 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.13 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Tgt Ion:278 Resp: 58419

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.0	18.0
279	28.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 13.848 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF113697.D
Acq: 10 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 238693

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	19.8	15.6	23.4