Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098670.D
Acq On : 20 Sep 2017 19:56
Operator : SJ/JU
Sample : I5285-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 05:22:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	102008	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	421270	20.00	ng		-0.02
38) Acenaphthene-d10	9.65	164	180803	20.00	ng		-0.02
63) Phenanthrene-d10	11.14	188	278047	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	199630	20.00	ng		-0.01
86) Perylene-d12	15.17	264	198322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	659757	95.63	ng		0.00
7) Phenol-d6	6.27	99	826416	94.34	ng		-0.02
23) Nitrobenzene-d5	7.19	82	501955	66.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.44	330	132478	109.78	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	805555	75.52	ng		-0.02
78) Terphenyl-d14	12.72	244	490924	53.08	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	69763	12.66	ng	#	78
25) Isophorone	7.19	82	501949	32.83	ng	#	67
32) Benzoic acid	7.74	122	114	7.99	ng	#	1
49) Dimethylphthalate	9.38	163	58923	4.21	ng		99
51) Acenaphthene	9.69	154	55045	5.04	ng		94
57) Fluorene	10.20	166	41054	3.45	ng	#	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	181	5.06	ng	#	1
66) 4-Bromophenyl-phenylether	10.44	248	9628	3.65	ng	#	1
70) Phenanthrene	11.16	178	795926	54.00	ng		98
71) Anthracene	11.21	178	188042	12.43	ng		98
72) Carbazole	11.37	167	41237	2.92	ng		97
74) Fluoranthene	12.35	202	977585	66.25	ng		98
77) Pyrene	12.58	202	938241	59.58	ng		100
80) Benzo(a)anthracene	13.77	228	450158	38.46	ng		99
82) Chrysene	13.80	228	399280	33.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.50	276	164396	19.81	ng	#	86
87) Benzo(b)fluoranthene	14.79	252	643718	51.62	ng		99
88) Benzo(k)fluoranthene	15.06	252	251817	21.63	ng		99
89) Benzo(a)pyrene	15.12	252	375349	33.79	ng		95
90) Dibenzo(a,h)anthracene	16.33	278	25286	3.13	ng		95
91) Benzo(g,h,i)perylene	16.90	276	161665	19.89	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098670.D
Acq On : 20 Sep 2017 19:56
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Sample : I5285-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 05:22:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
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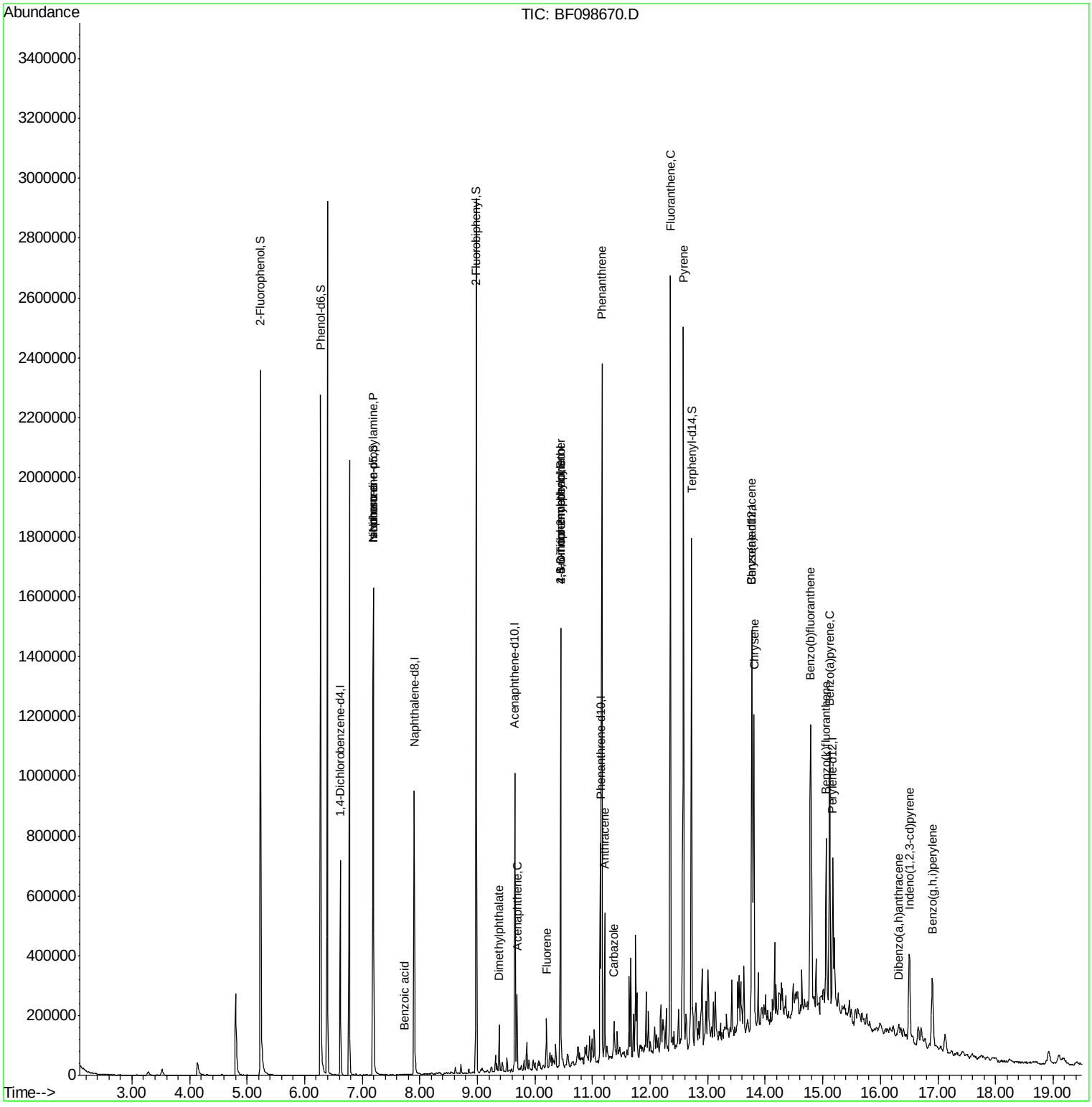
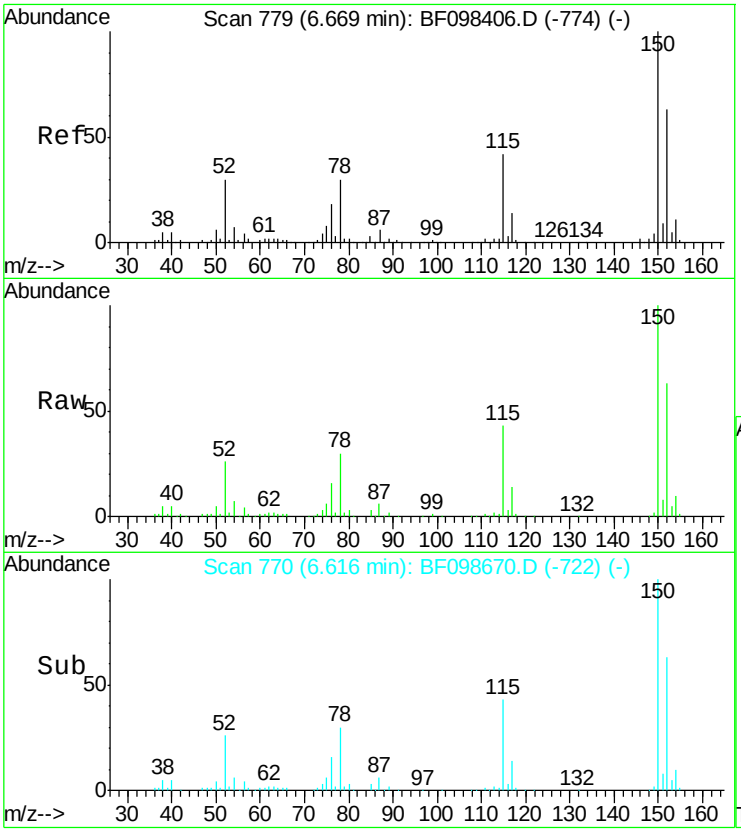


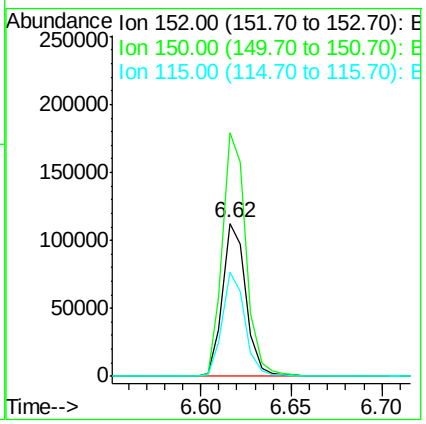


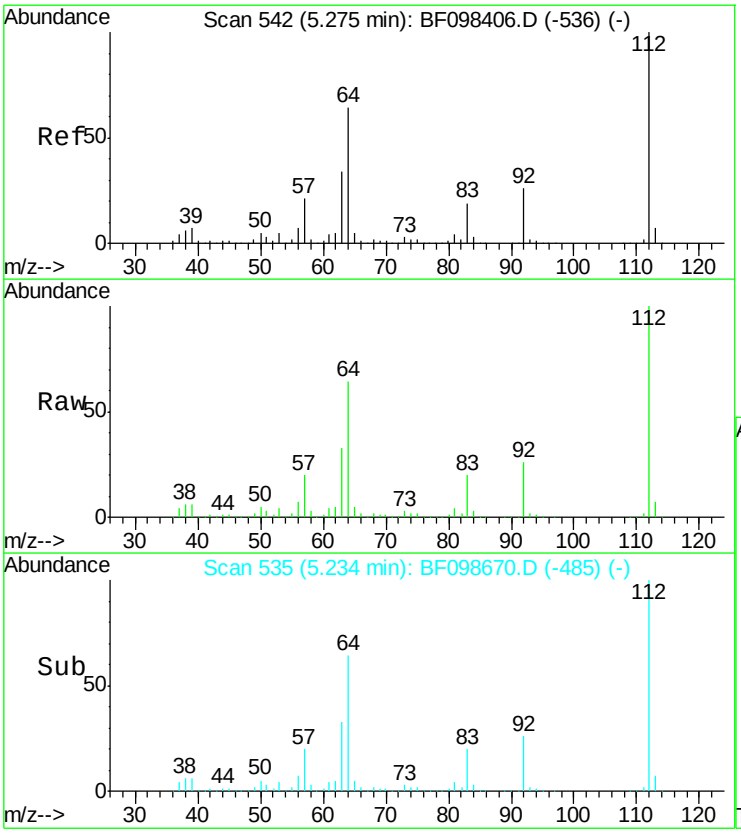
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102008

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	67.7	52.2	78.2

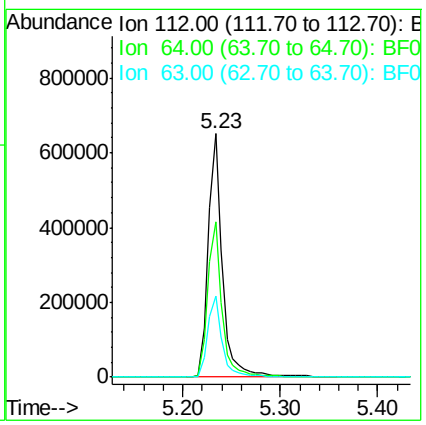


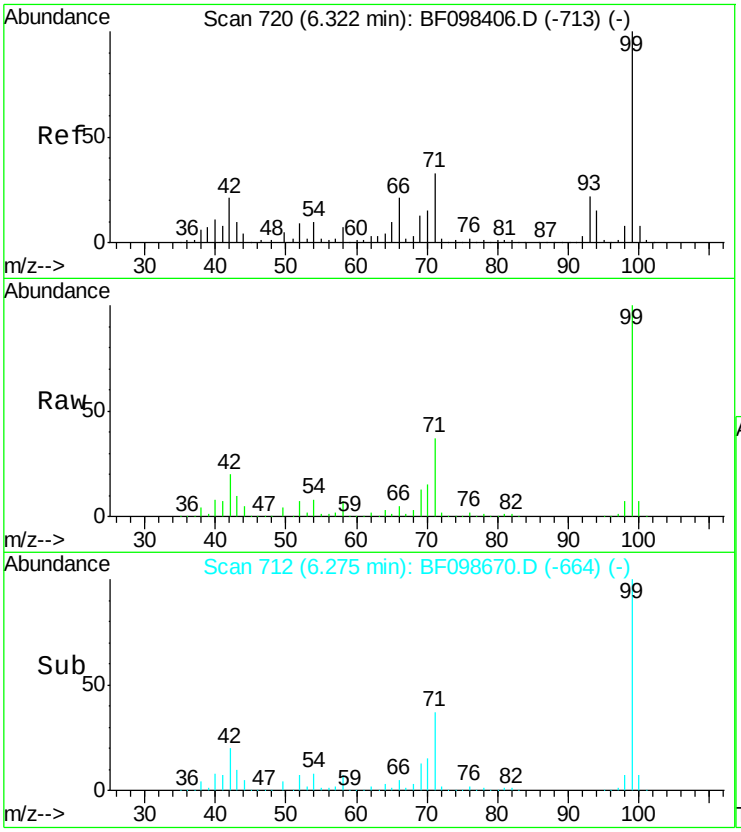


#5
2-Fluorophenol
Concen: 95.63 ng
RT: 5.23 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:112 Resp: 659757

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	33.2	23.4	35.0



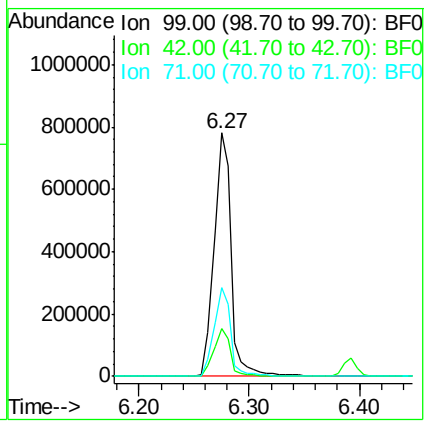


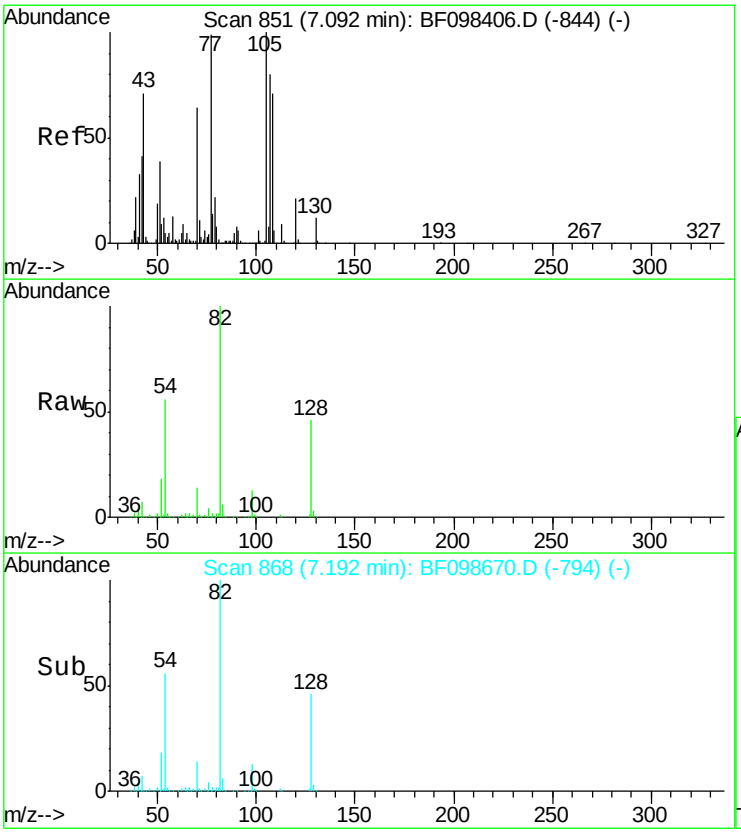
#7
Phenol-d6
Concen: 94.34 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 826416

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	36.6	24.5	36.7

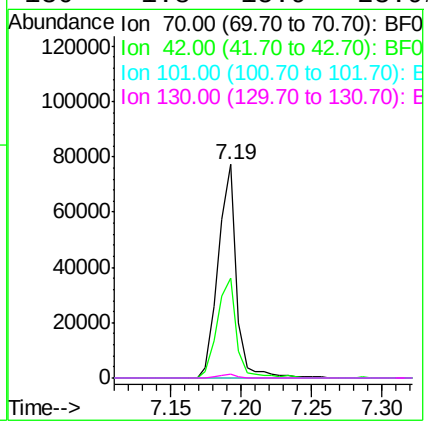


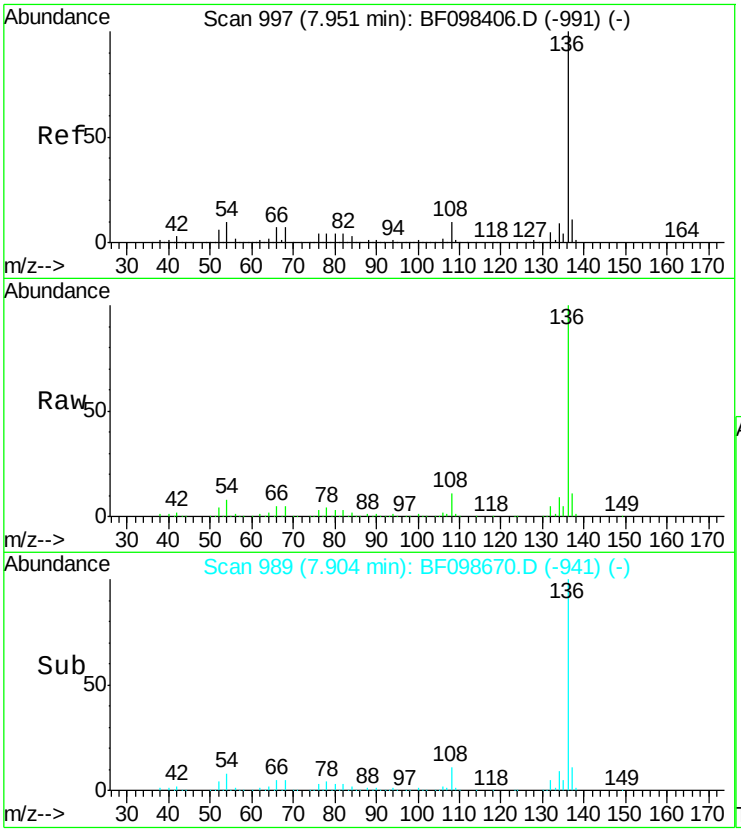


#19
n-Nitroso-di-n-propylamine
Concen: 12.66 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.14 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion: 70 Resp: 69763

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



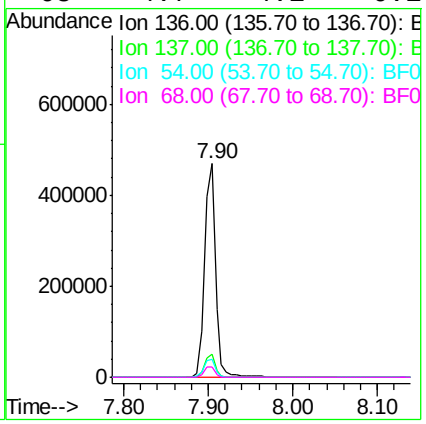


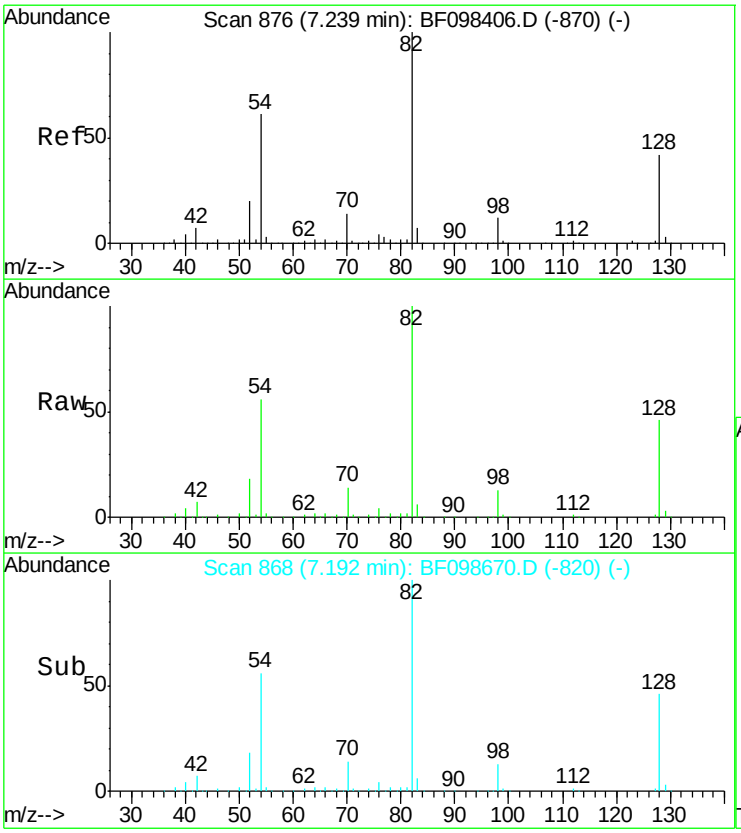
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 421270

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.2	4.9	7.3#
68	4.7	4.1	6.1

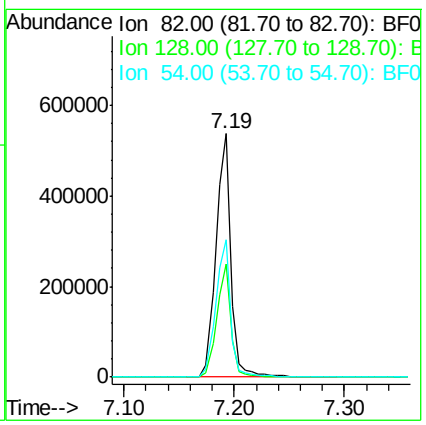


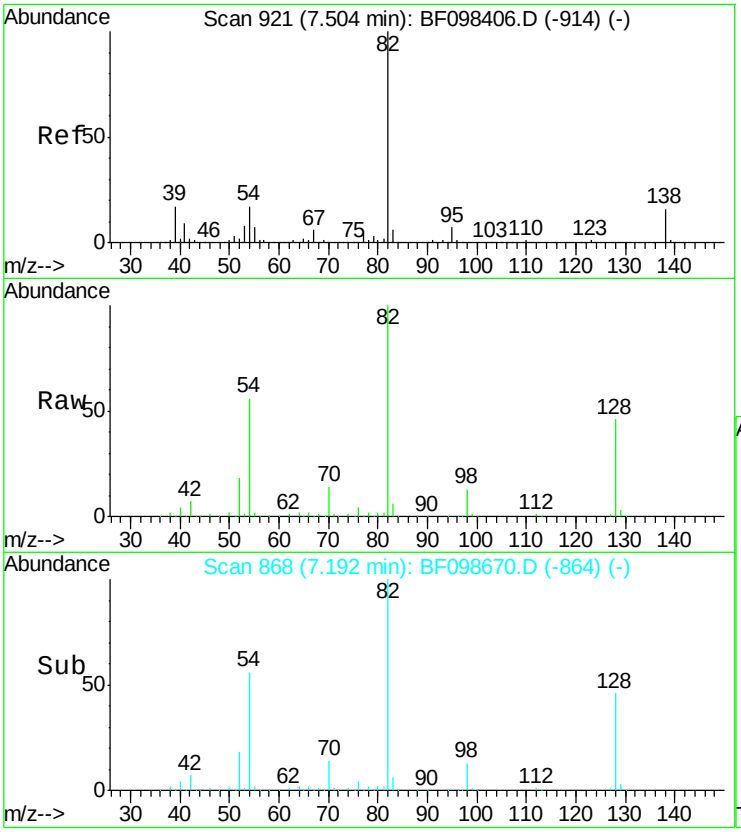


#23
Nitrobenzene-d5
Concen: 66.43 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion: 82 Resp: 501955

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	56.3	42.2	63.2



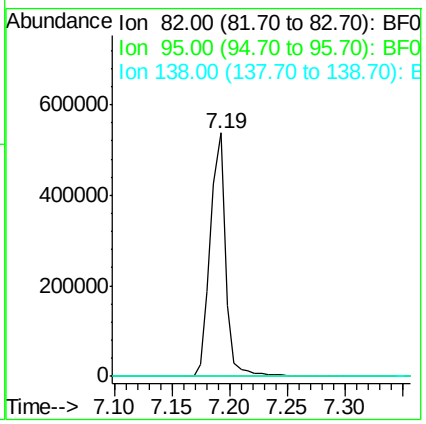


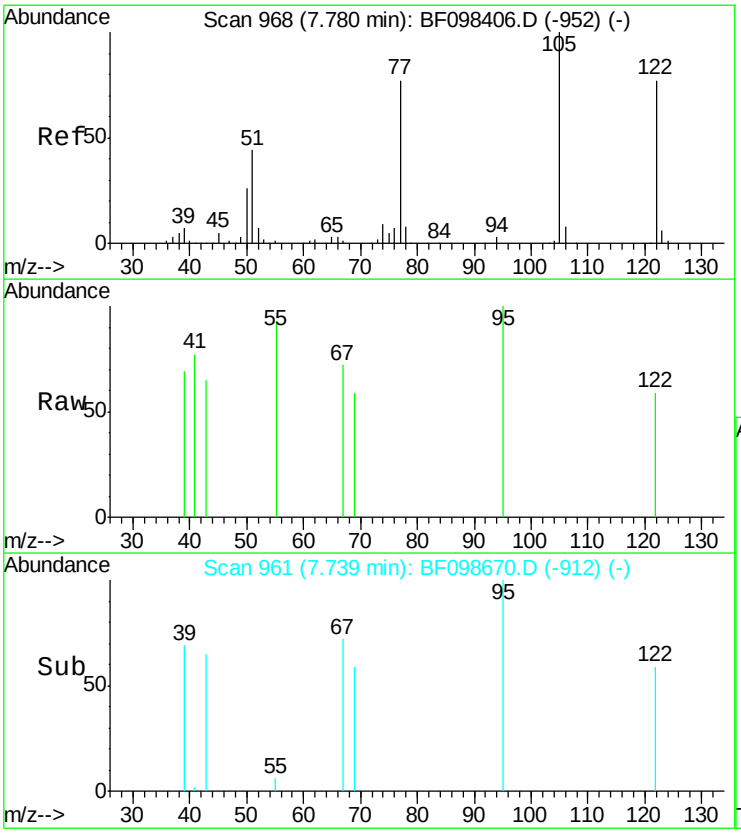
#25
Isophorone
Concen: 32.83 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.28 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 501949

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

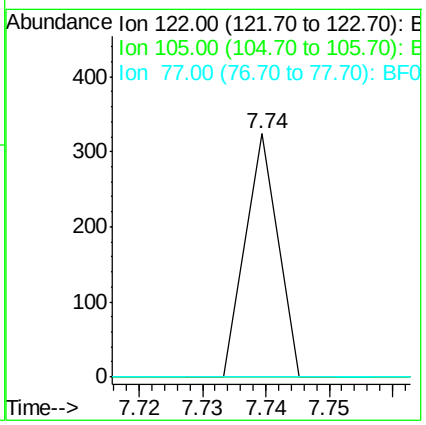


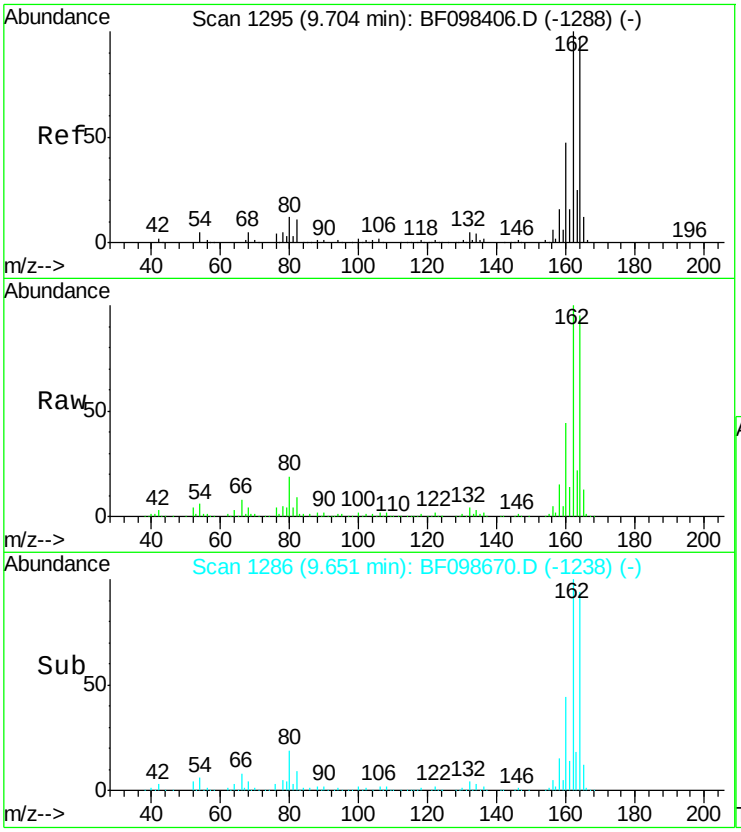


#32
Benzoic acid
Concen: 7.99 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	73.7	113.7#



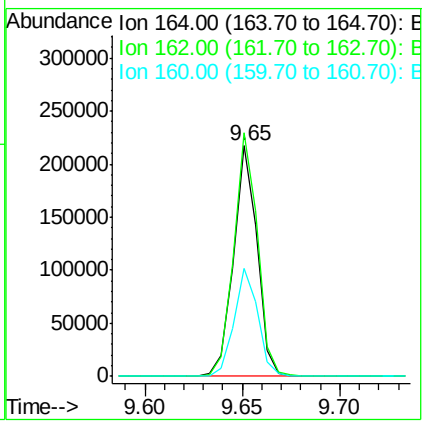


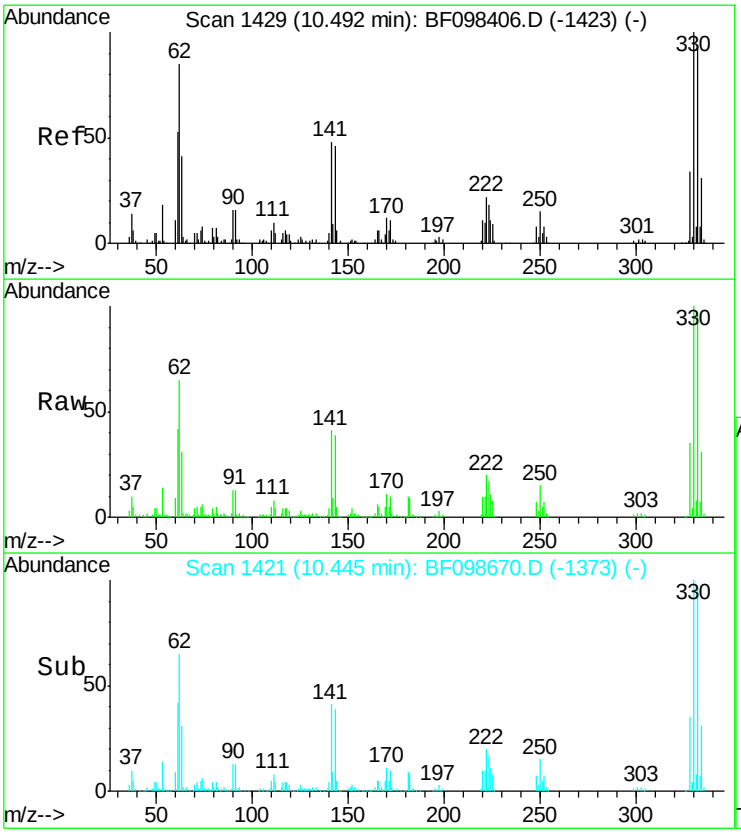
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 180803

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	46.7	36.2	54.2

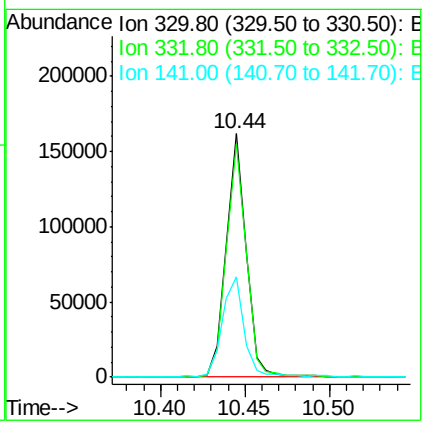


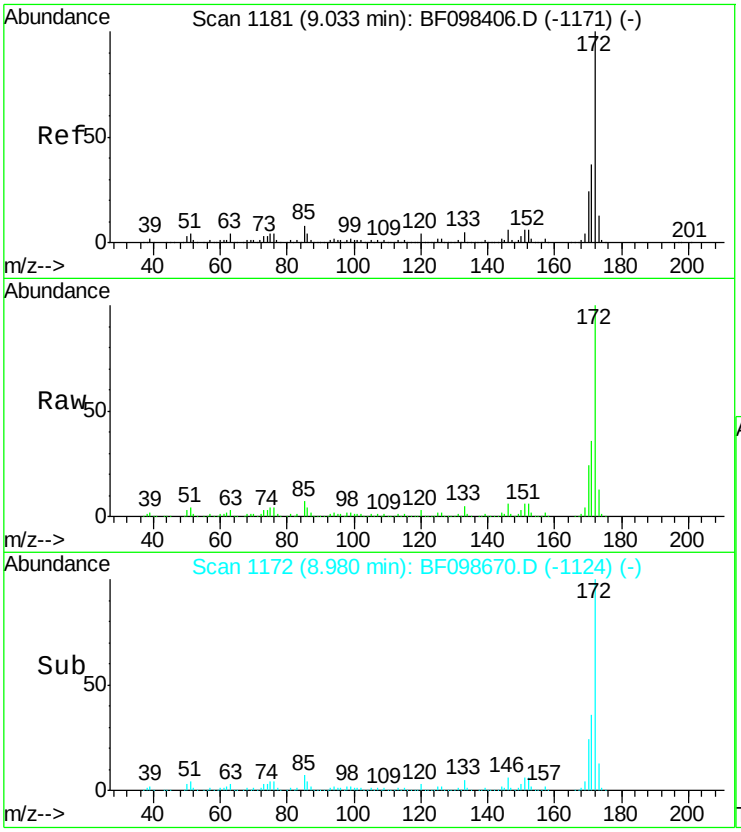


#41
2,4,6-Tribromophenol
Concen: 109.78 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:330 Resp: 132478

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	46.1	31.4	47.2



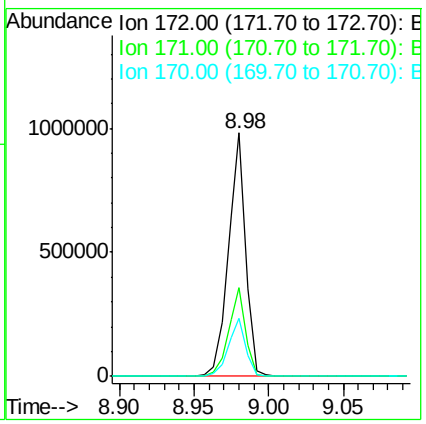


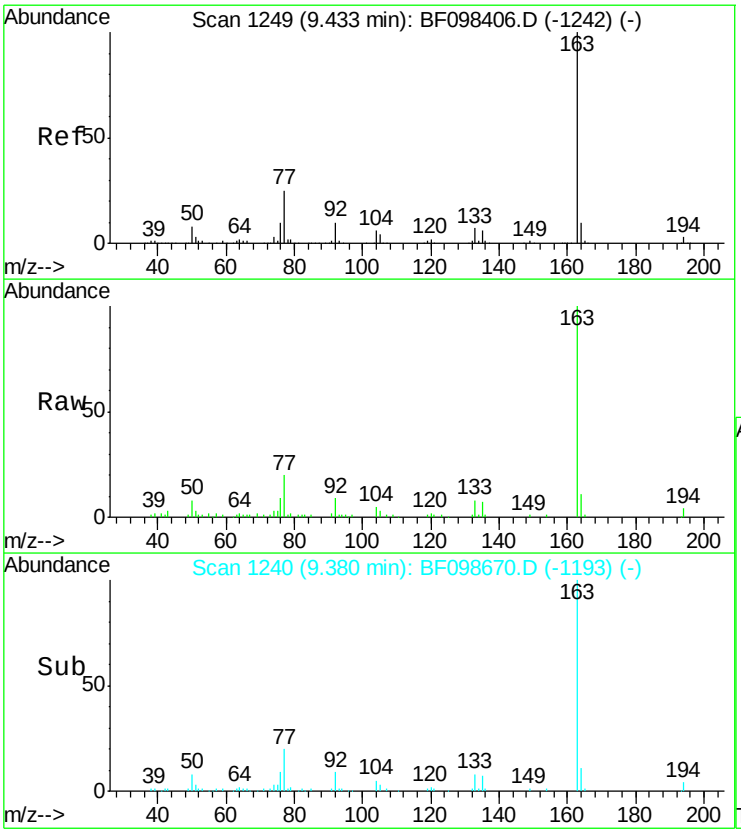
#44
2-Fluorobiphenyl
Concen: 75.52 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 805555

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

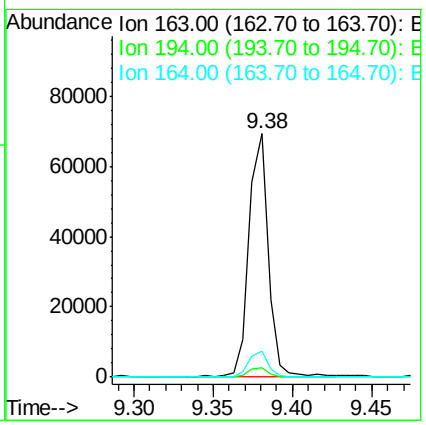


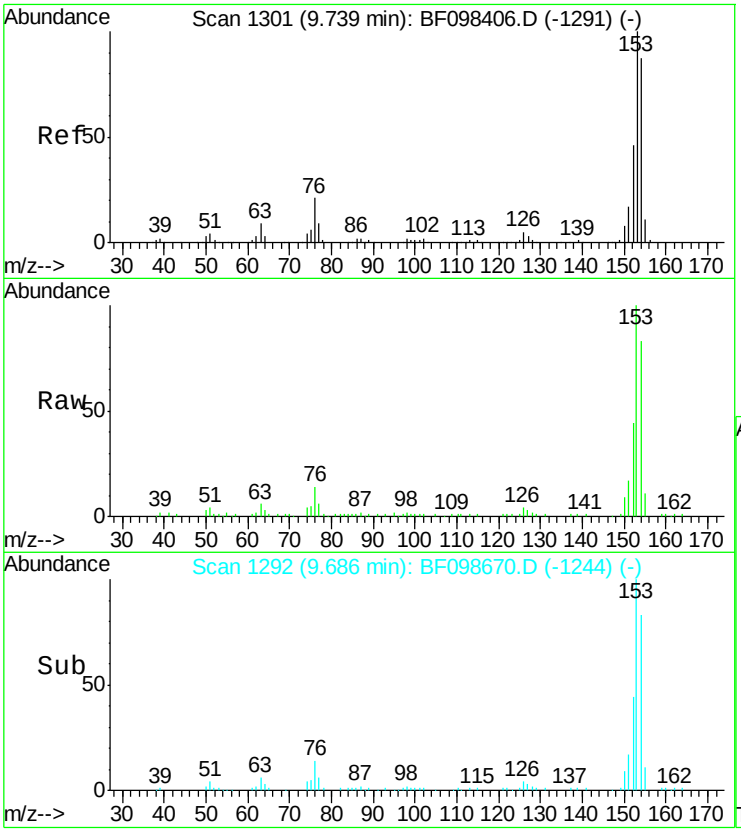


#49
Dimethylphthalate
Concen: 4.21 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:163 Resp: 58923

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.9	8.4	12.6



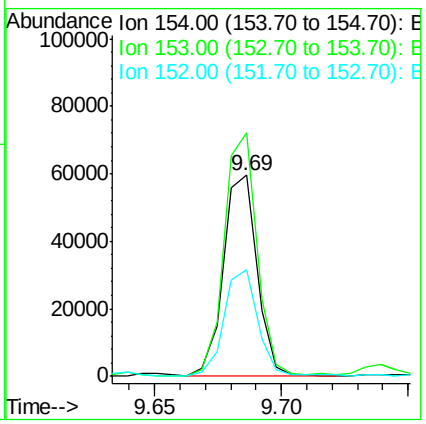


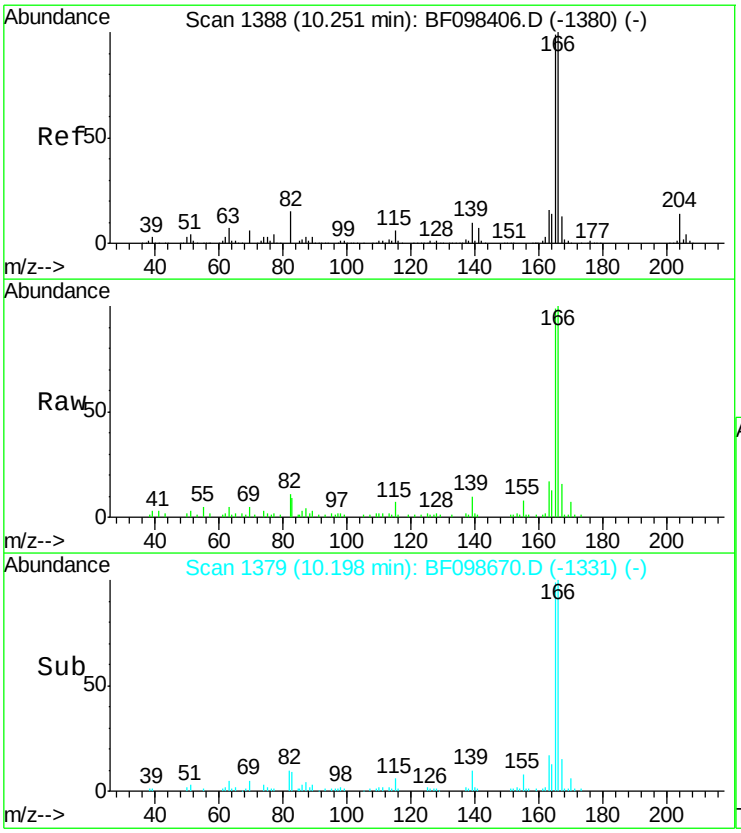
#51
Acenaphthene
Concen: 5.04 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 55045

Ion	Ratio	Lower	Upper
154	100		
153	121.1	90.5	135.7
152	53.4	43.6	65.4

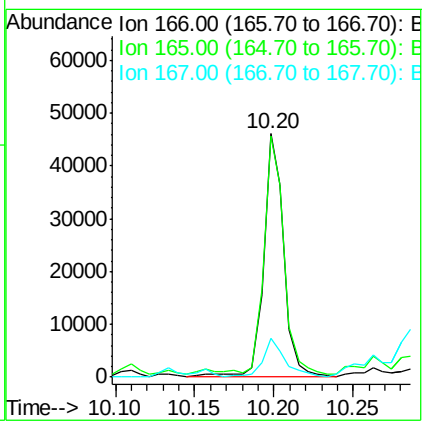


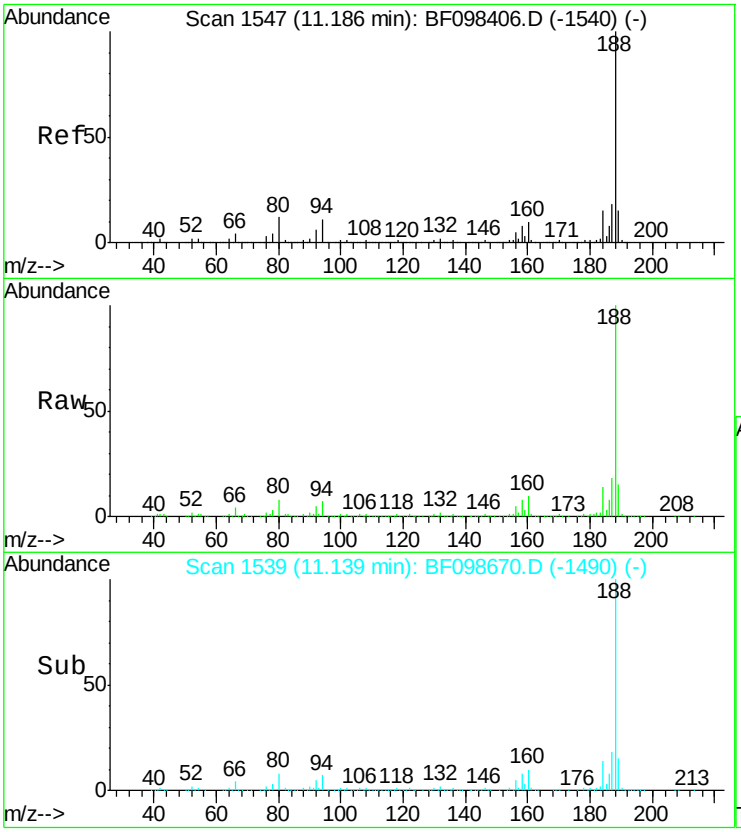


#57
Fluorene
Concen: 3.45 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:166 Resp: 41054

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	16.0	10.6	16.0#



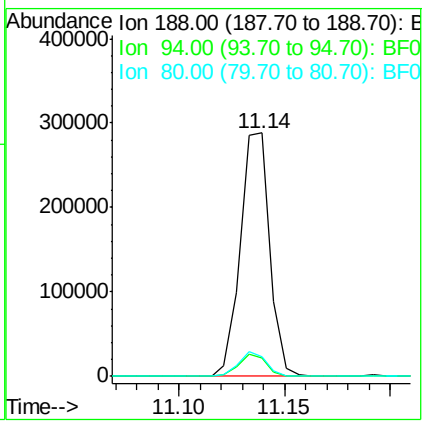


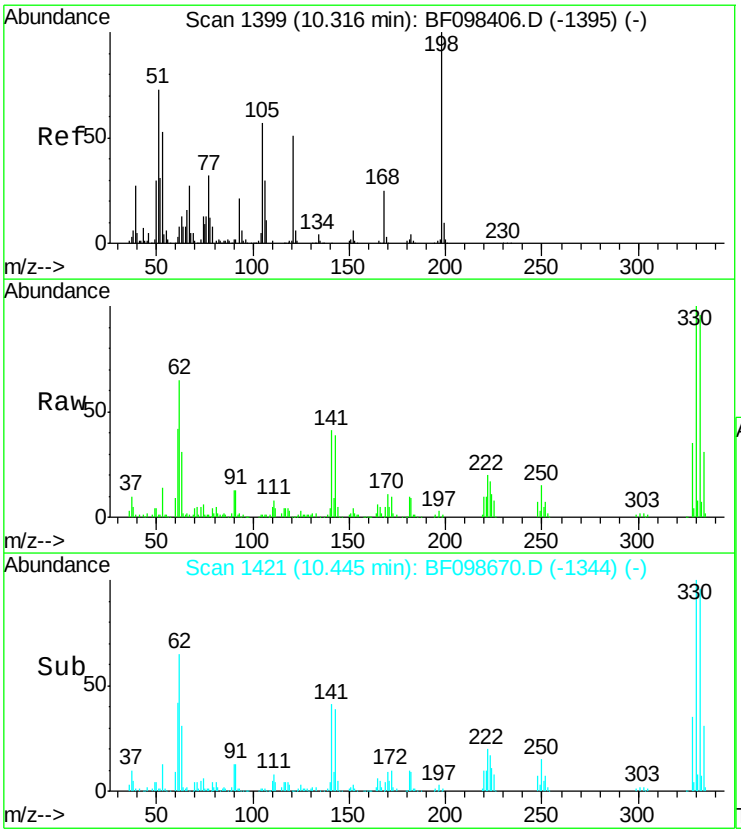
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 278047

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.4	14.2#
80	7.9	10.2	15.2#

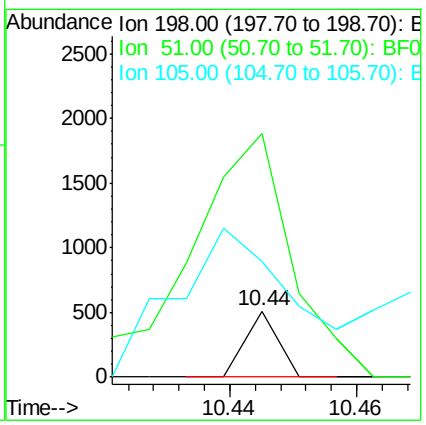


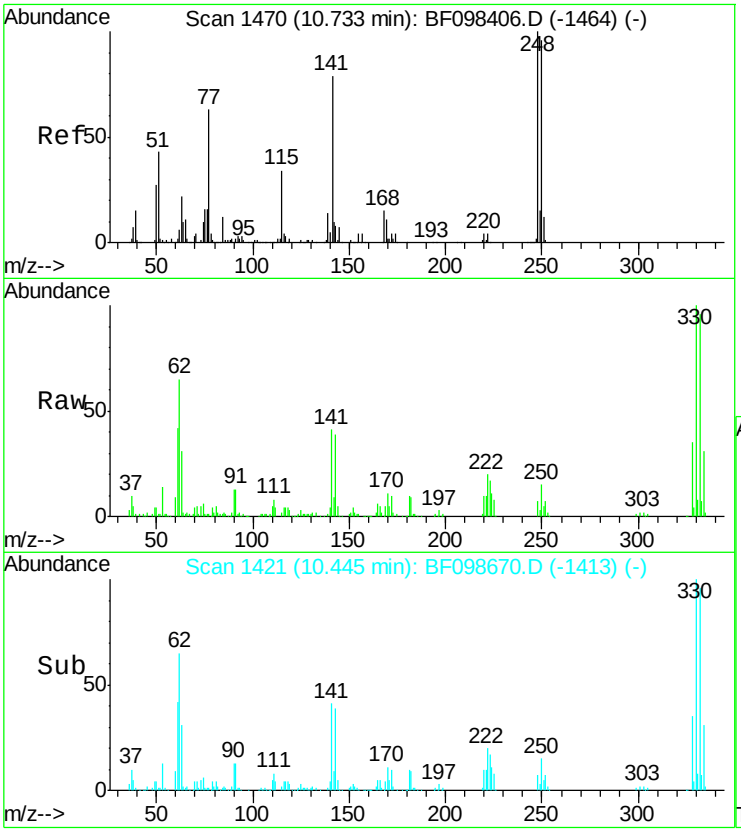


#64
4,6-Dinitro-2-methylphenol
Concen: 5.06 ng
RT: 10.44 min Scan# 1421
Delta R.T. 0.15 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:198 Resp: 181

Ion	Ratio	Lower	Upper
198	100		
51	367.6	53.2	93.2#
105	174.2	45.8	85.8#



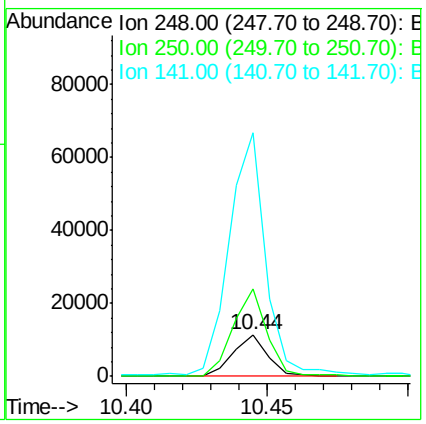


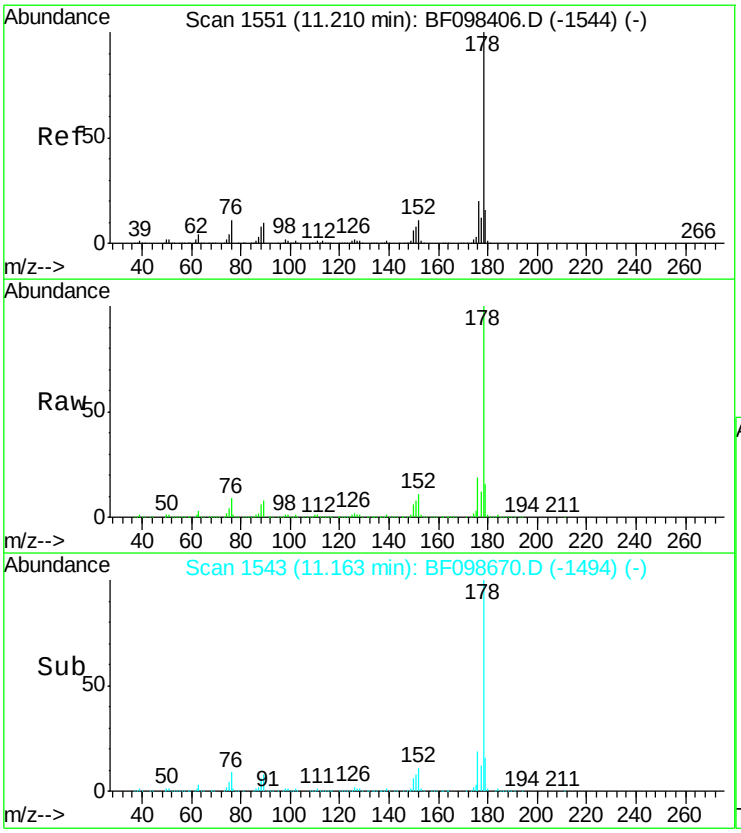
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.25 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9628

Ion	Ratio	Lower	Upper
248	100		
250	208.0	76.8	115.2#
141	580.6	68.6	103.0#

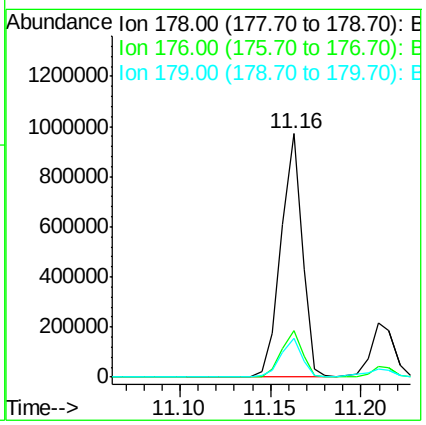


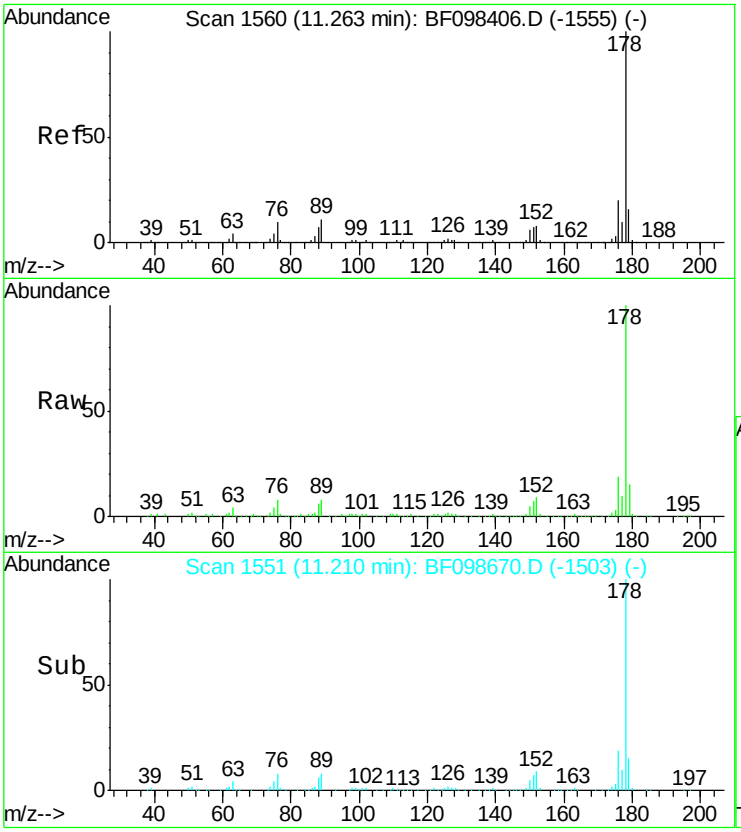


#70
Phenanthrene
Concen: 54.00 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:178 Resp: 795926

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.9	12.6	19.0



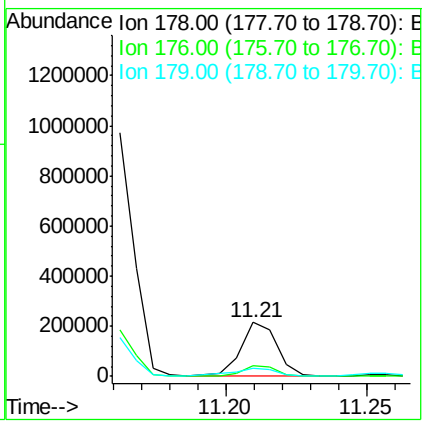


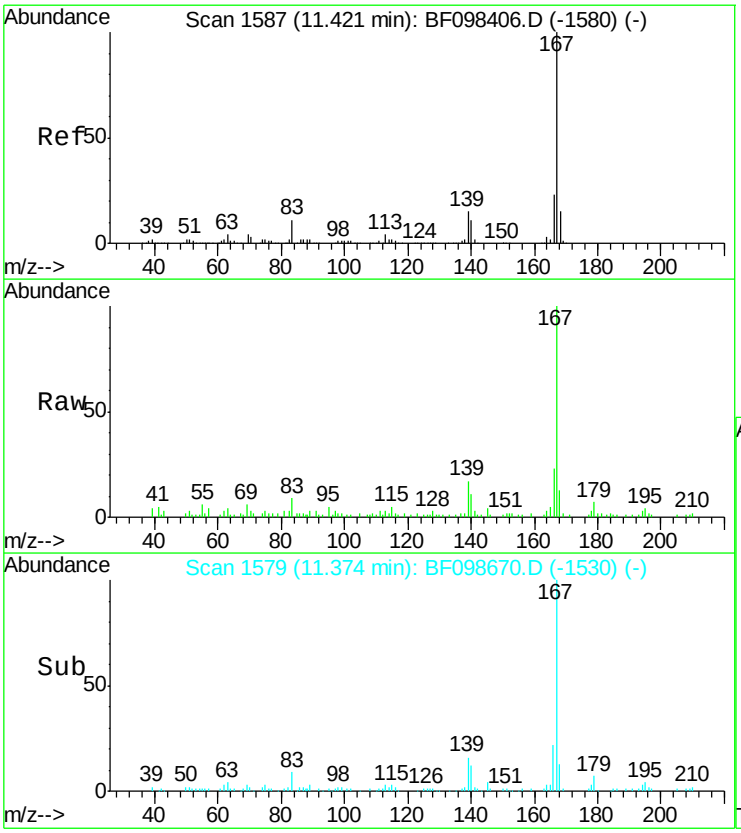
#71
Anthracene
Concen: 12.43 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 188042

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	12.7	19.1

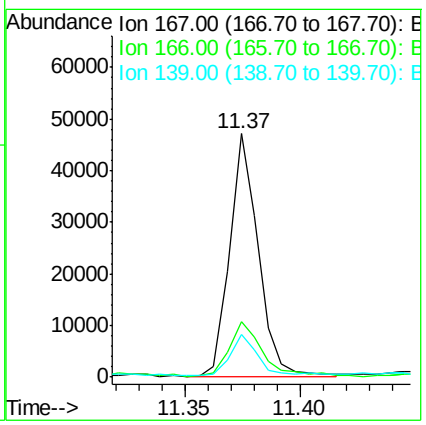


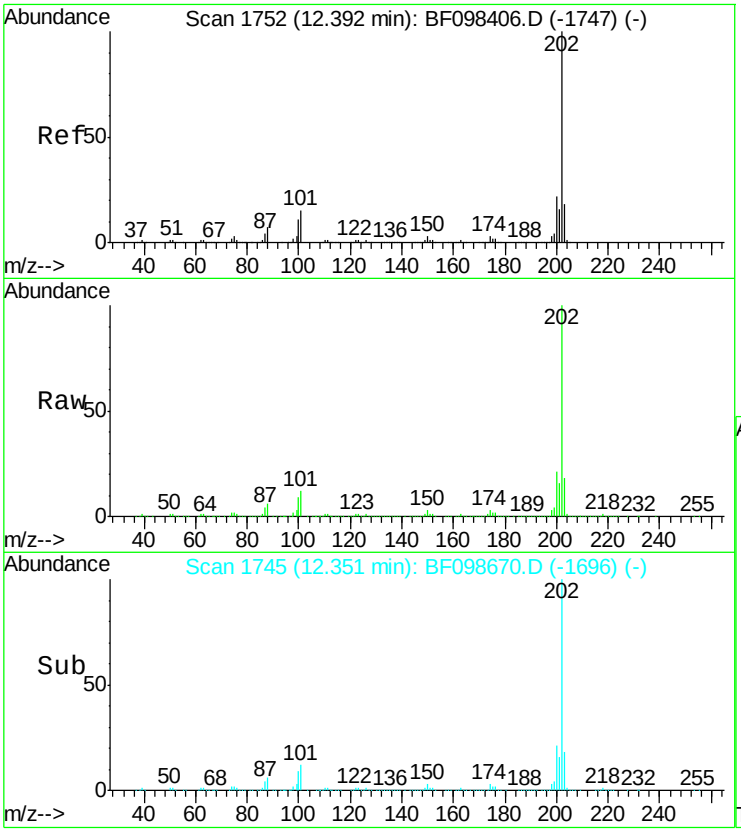


#72
Carbazole
Concen: 2.92 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:167 Resp: 41237

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	17.3	11.7	17.5



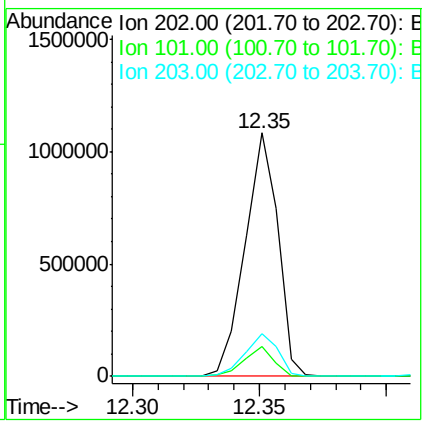


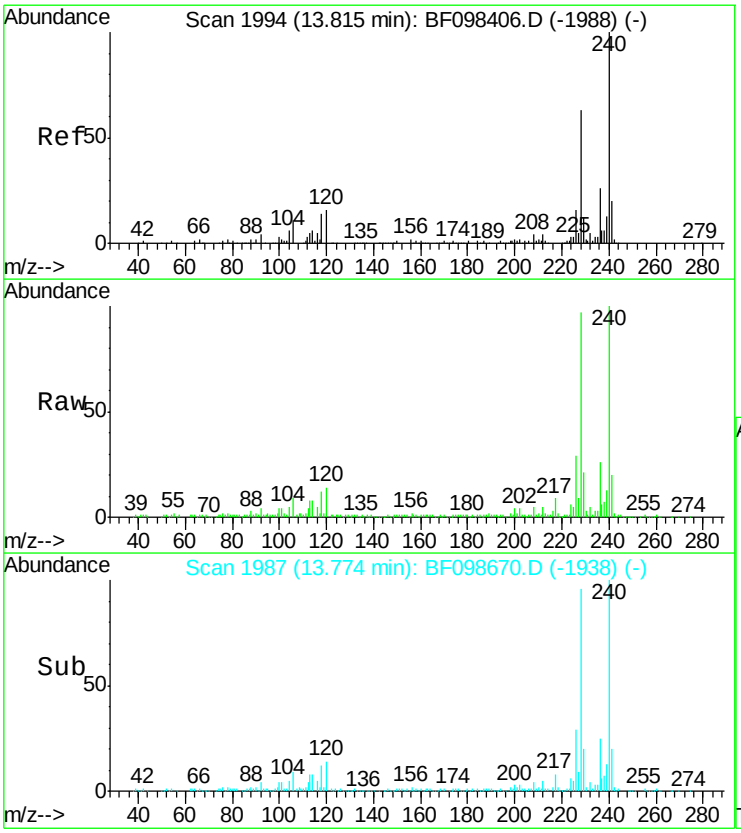
#74
Fluoranthene
Concen: 66.25 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 977585

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	17.7	0.0	38.1

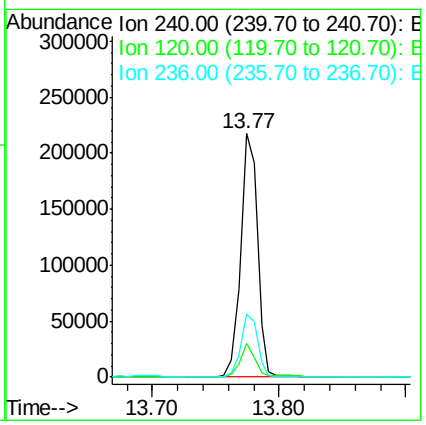


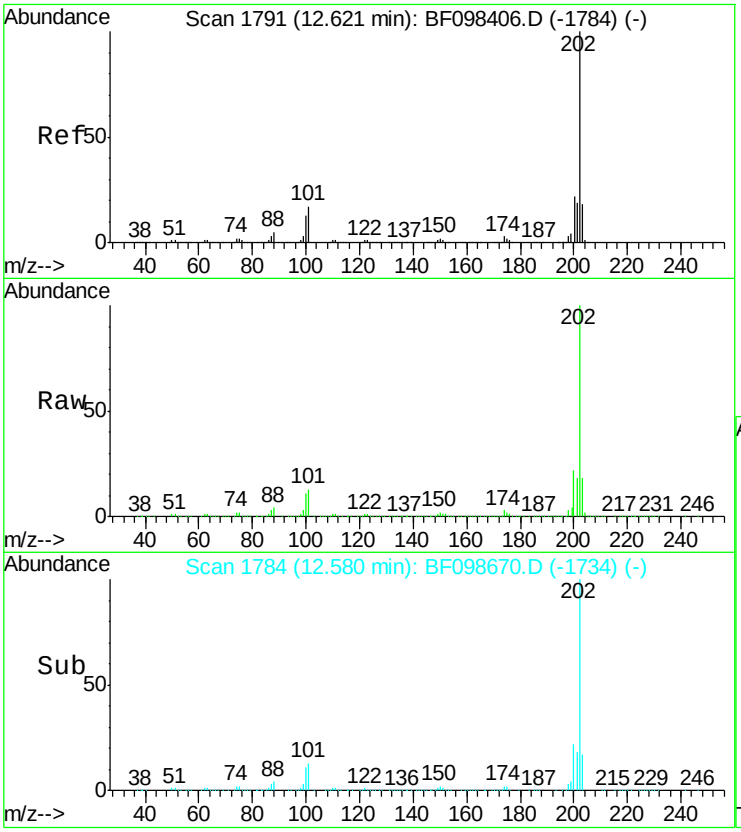


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:240 Resp: 199630

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.7	20.5	30.7



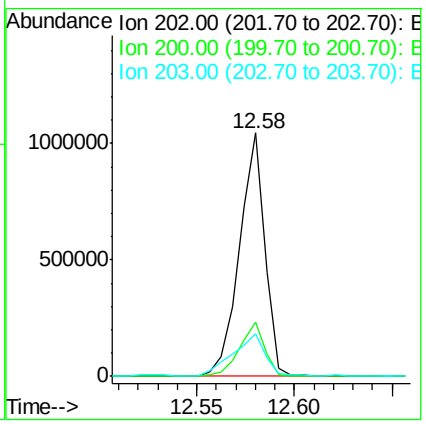


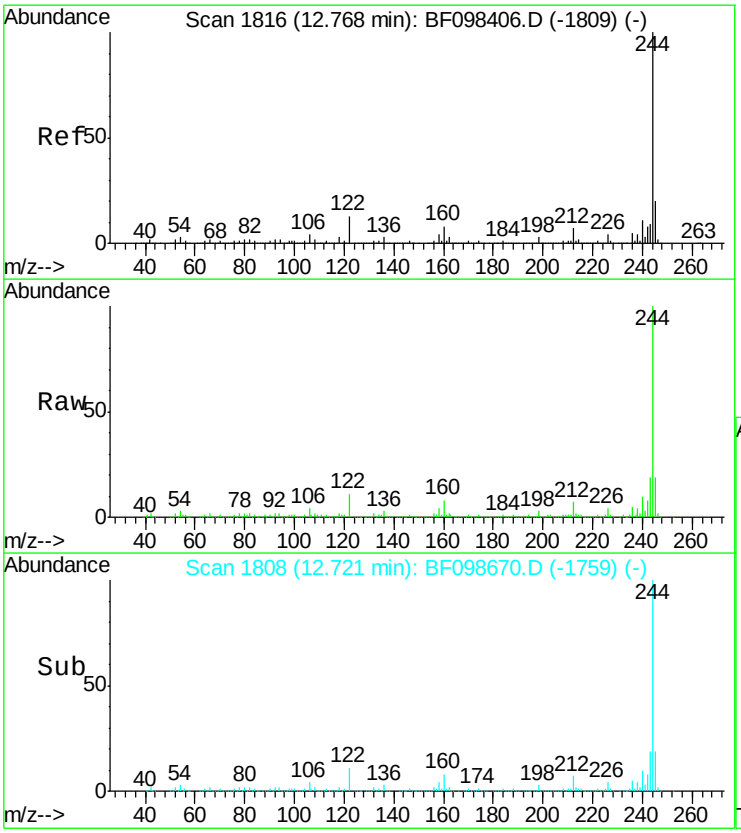
#77
Pyrene
Concen: 59.58 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 938241

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.6	14.4	21.6

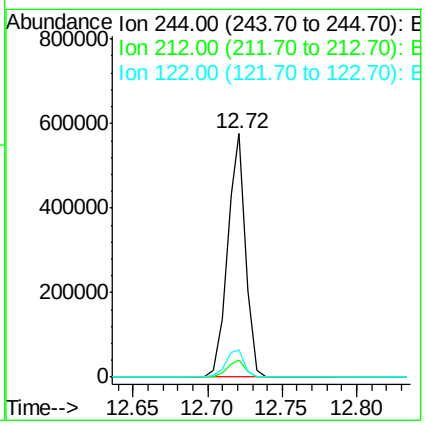


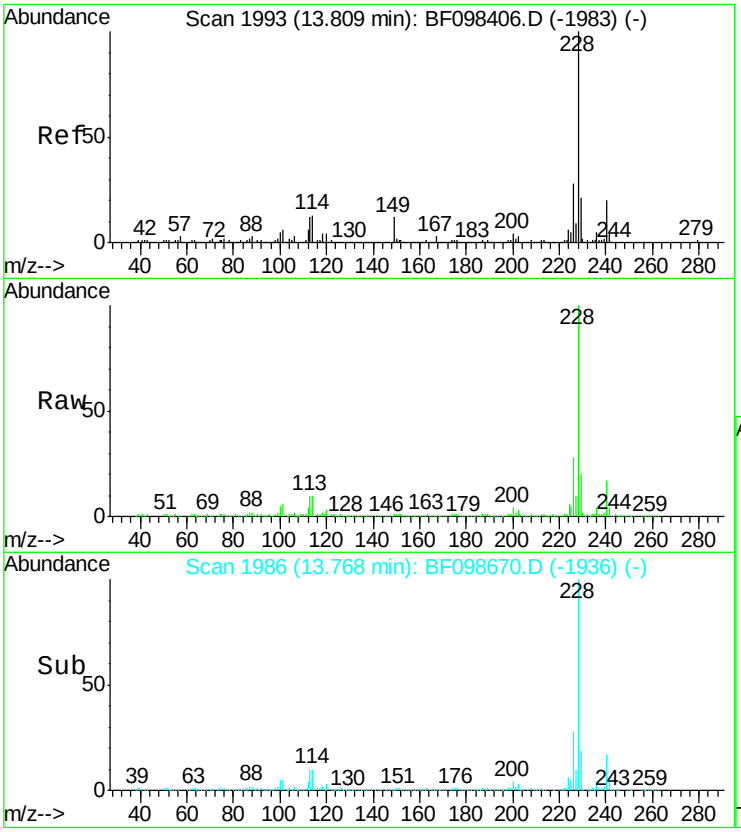


#78
Terphenyl-d14
Concen: 53.08 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:244 Resp: 490924

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.2	10.3	15.5



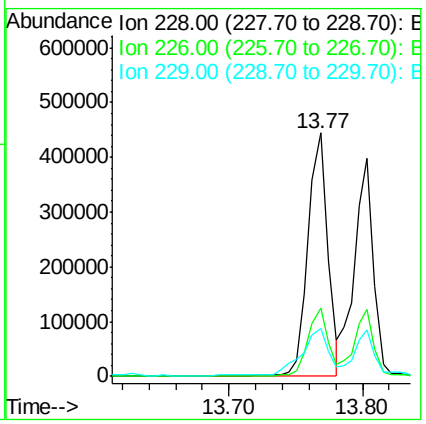


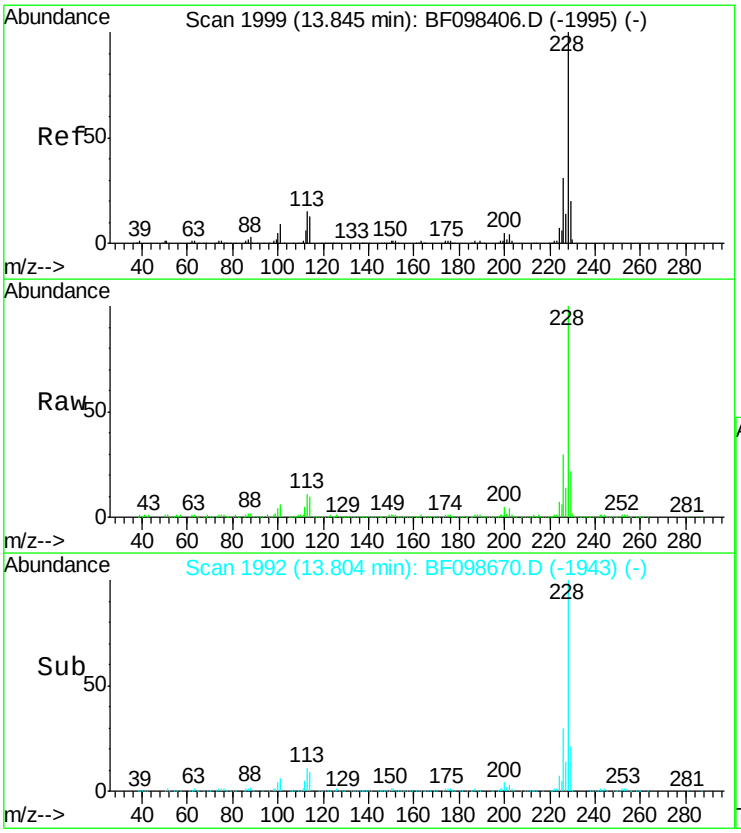
#80
Benzo(a)anthracene
Concen: 38.46 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 450158

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.7	16.3	24.5

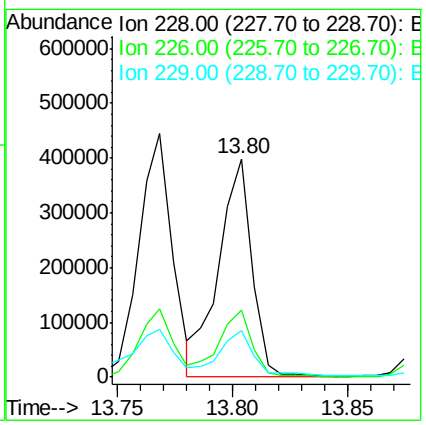


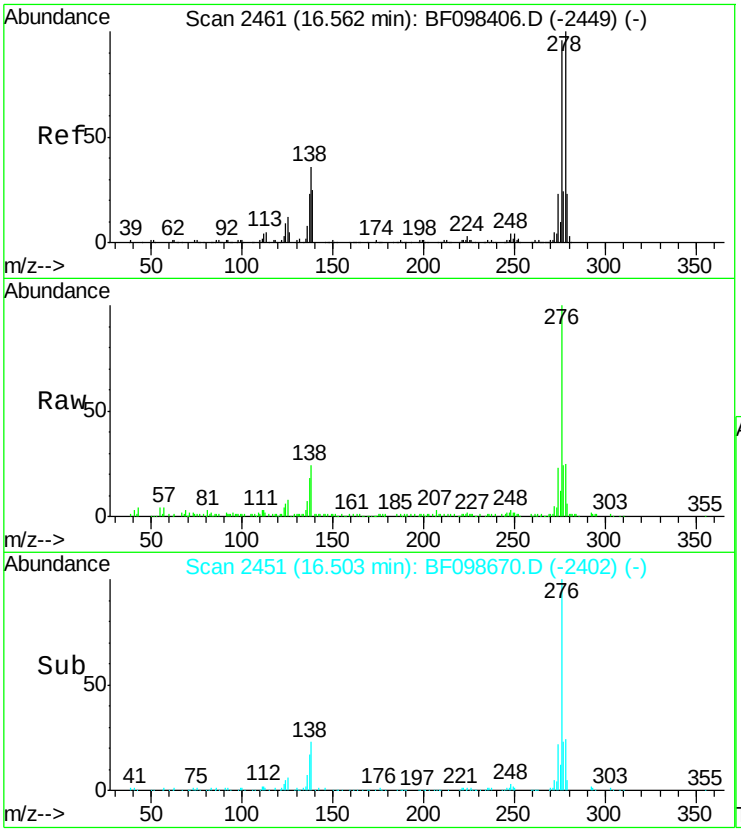


#82
Chrysene
Concen: 33.75 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:228 Resp: 399280

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.5	15.8	23.6



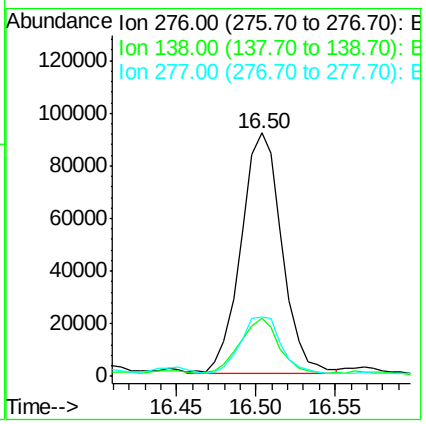


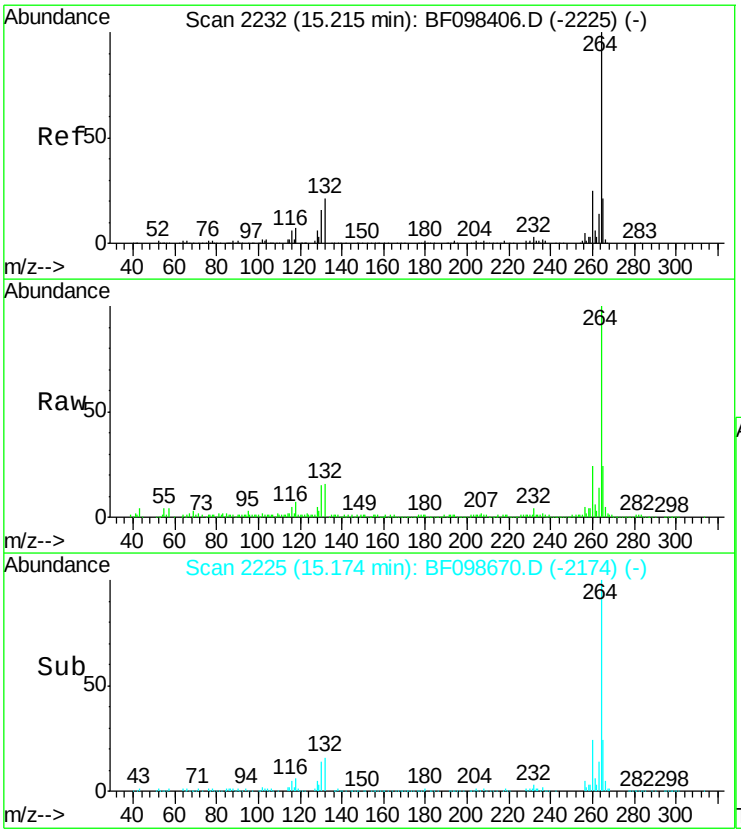
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 164396

Ion	Ratio	Lower	Upper
276	100		
138	22.1	27.8	41.6#
277	23.9	20.2	30.4

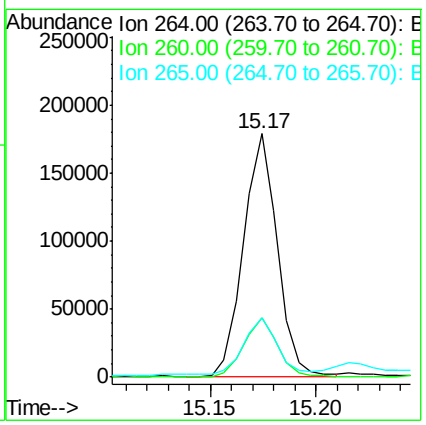


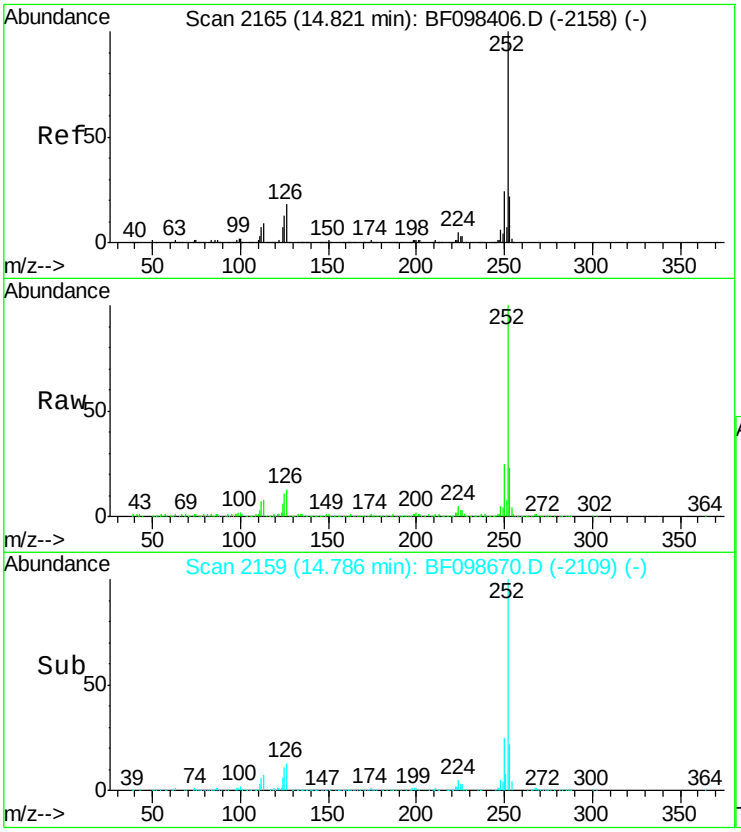


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:264 Resp: 198322

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	24.2	17.2	25.8



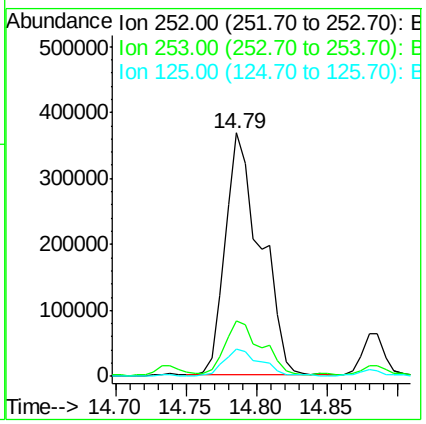


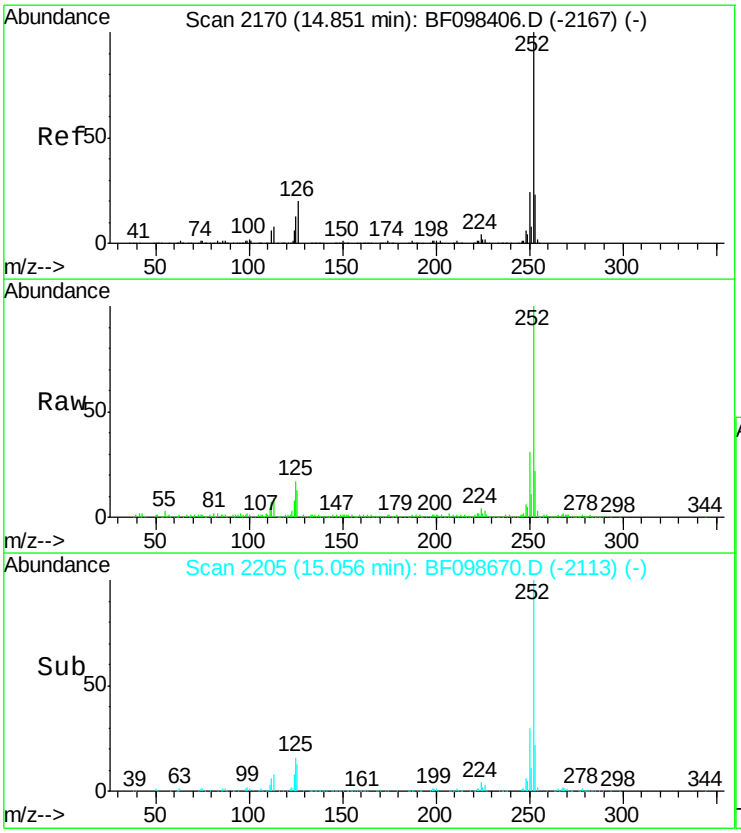
#87
Benzo(b)fluoranthene
Concen: 51.62 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 643718

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.4	9.8	14.8

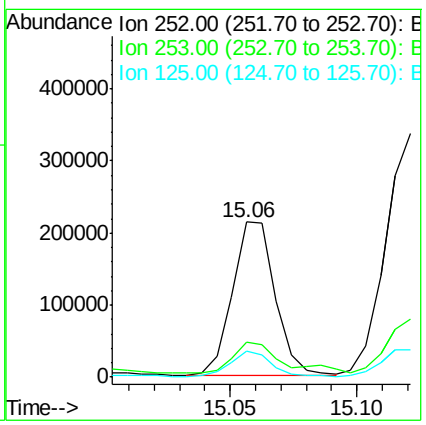


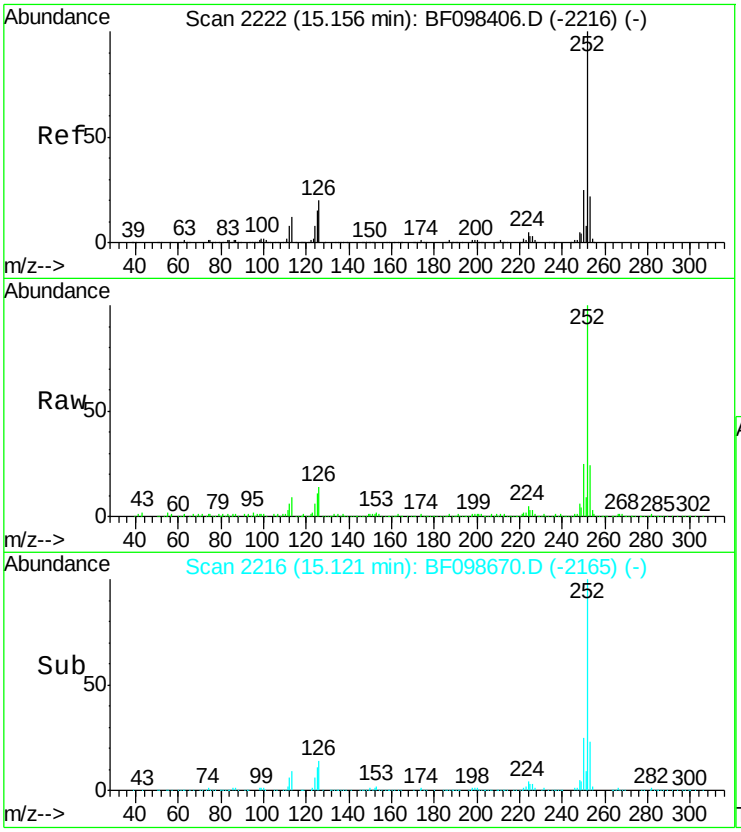


#88
Benzo(k)fluoranthene
Concen: 21.63 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.24 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:252 Resp: 251817

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	16.6	13.1	19.7



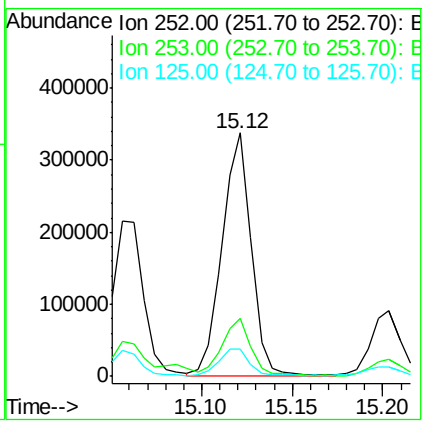


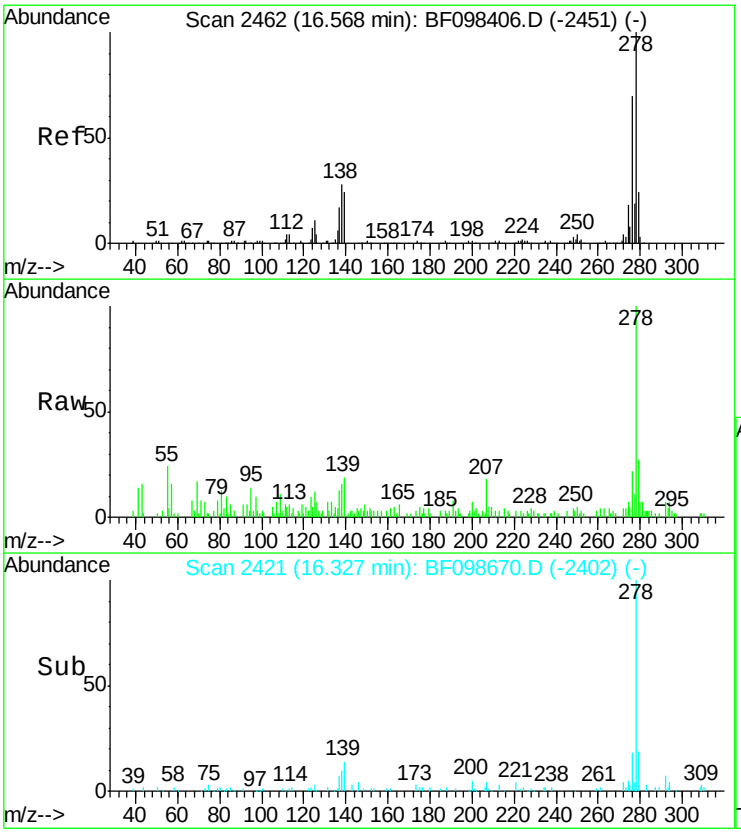
#89
Benzo(a)pyrene
Concen: 33.79 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 375349

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.3	11.0	16.4

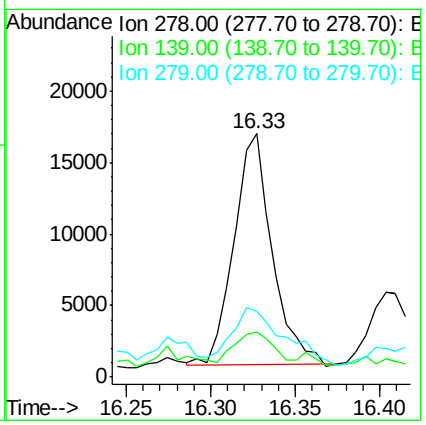


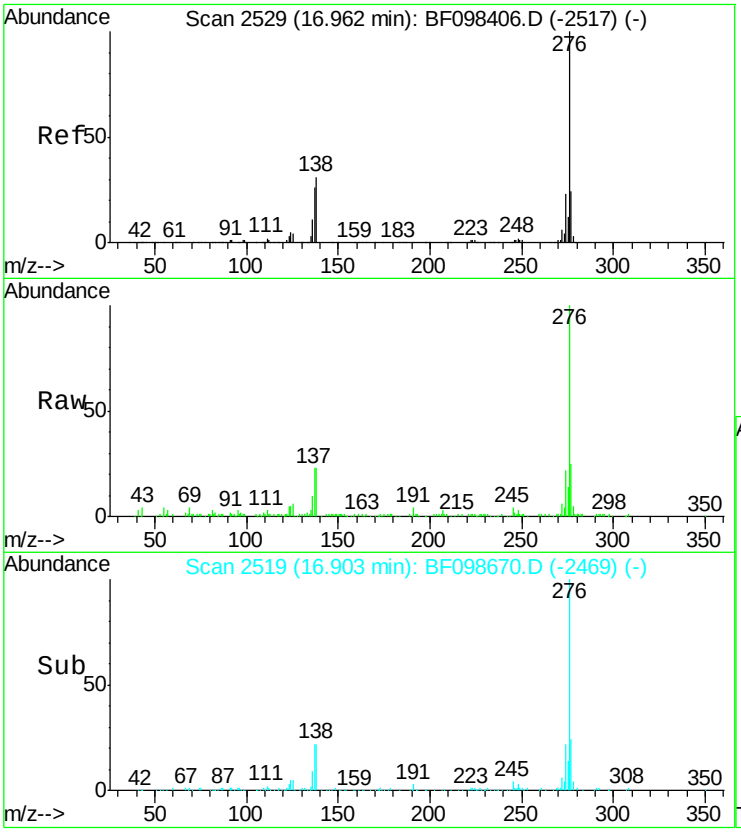


#90
Dibenzo(a,h)anthracene
Concen: 3.13 ng
RT: 16.33 min Scan# 2421
Delta R.T. -0.19 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Tgt Ion:278 Resp: 25286

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	27.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 19.89 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF098670.D
Acq: 20 Sep 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 161665

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	23.2	25.4	38.0#