Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098801.D
Acq On : 25 Sep 2017 23:55
Operator : SJ/JU
Sample : I5360-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 05:22:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	167472	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	737902	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	329588	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	554249	20.00	ng		0.00
75) Chrysene-d12	14.07	240	325112	20.00	ng		-0.01
86) Perylene-d12	15.57	264	307263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	135825	12.91	ng		-0.02
7) Phenol-d6	6.52	99	170700	13.15	ng		-0.02
23) Nitrobenzene-d5	7.47	82	96631	8.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	33311	12.35	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	210846	10.68	ng		-0.02
78) Terphenyl-d14	13.02	244	160112	11.20	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.47	82	96445	4.054	ng	#	64
31) Naphthalene	8.22	128	156892	4.527	ng		99
37) 2-Methylnaphthalene	8.90	142	84700	3.760	ng		98
50) 2,6-Dinitrotoluene	9.95	165	44730	8.260	ng	#	26
51) Acenaphthene	9.98	154	54290	2.632	ng		98
54) Dibenzofuran	10.15	168	66286	2.414	ng		97
55) 4-Nitrophenol	10.15	139	26320	4.929	ng	#	11
56) 2,4-Dinitrotoluene	9.95	165	44730	6.364	ng	#	23
57) Fluorene	10.50	166	88653	4.017	ng		99
70) Phenanthrene	11.46	178	603726	20.350	ng		98
71) Anthracene	11.51	178	167263	5.510	ng		99
74) Fluoranthene	12.65	202	644700	21.460	ng		99
77) Pyrene	12.88	202	585563	23.620	ng		100
80) Benzo(a)anthracene	14.06	228	209407	10.637	ng		98
82) Chrysene	14.10	228	196629	10.491	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	91855	6.127	ng		98
87) Benzo(b)fluoranthene	15.13	252	293177	15.519	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	293177	15.712	ng	#	97
89) Benzo(a)pyrene	15.50	252	160288	9.243	ng	#	95
91) Benzo(g,h,i)perylene	17.52	276	87150	6.353	ng	#	90

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Sep 2017 23:55
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ALS Vial : 17 Sample Multiplier: 1

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QLast Update : Sat Sep 23 13:50:58 2017
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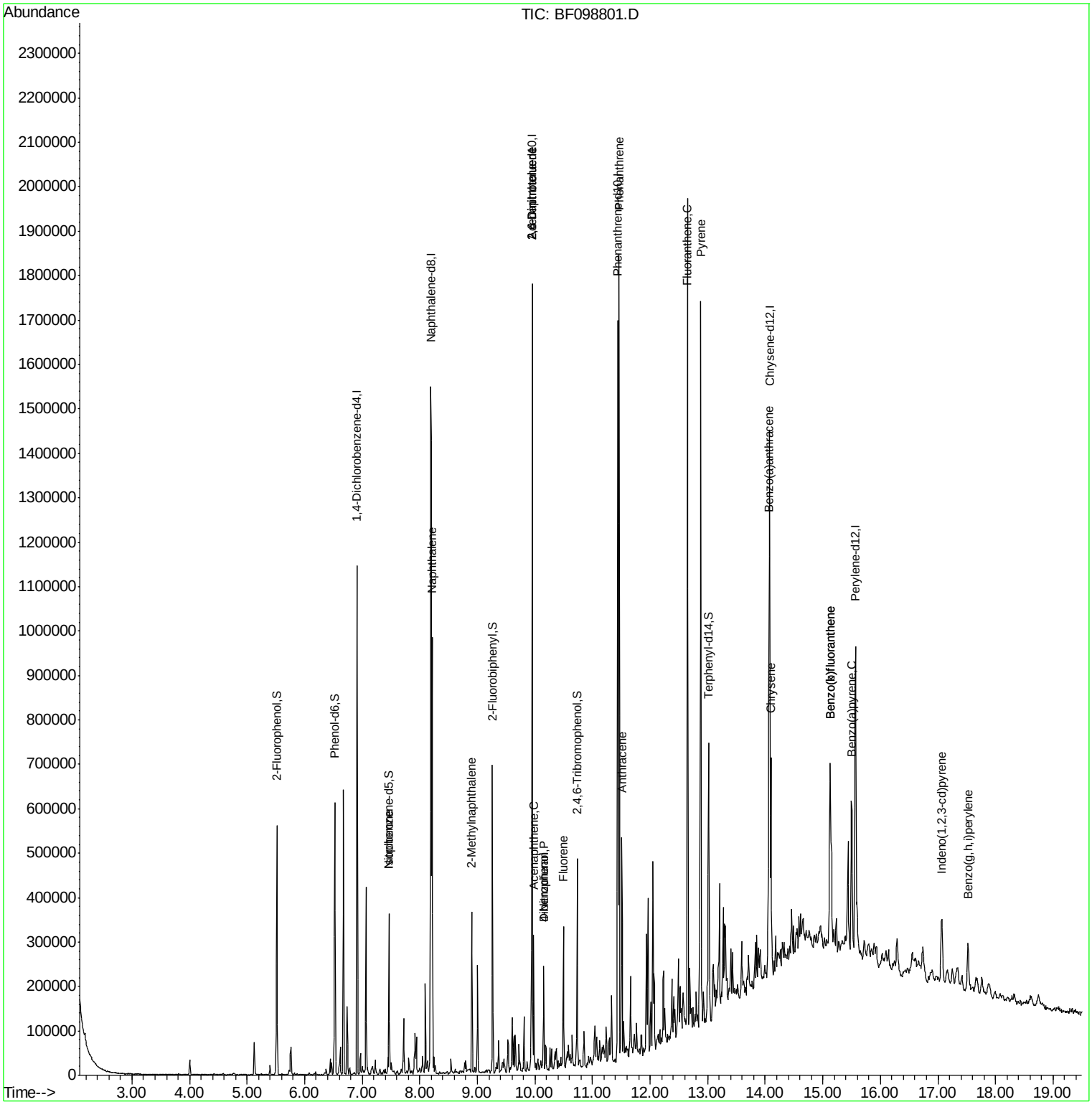
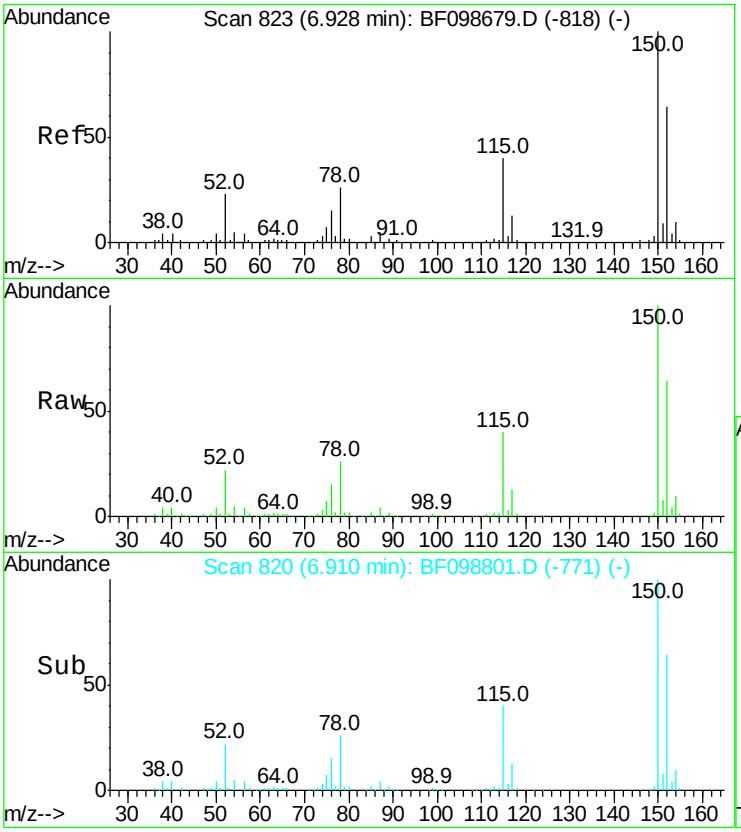


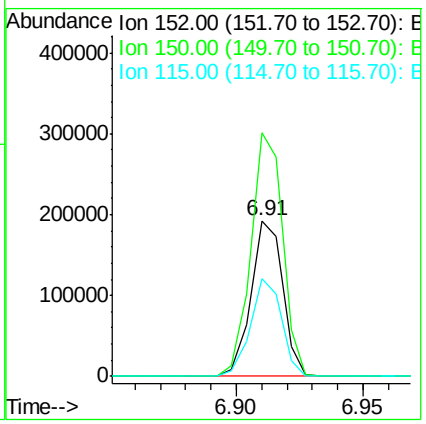


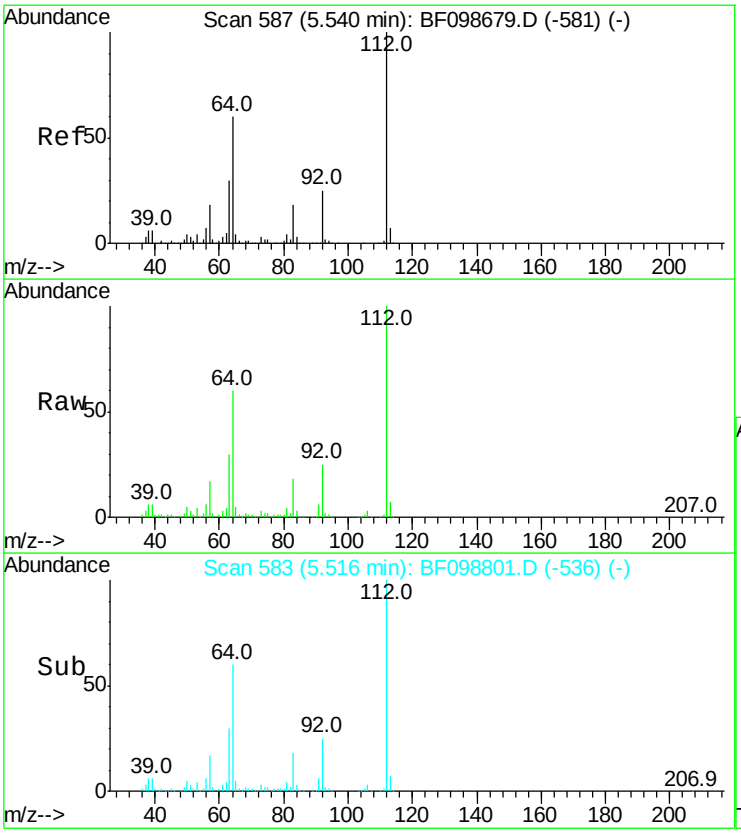
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167472

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.9	50.1	75.1

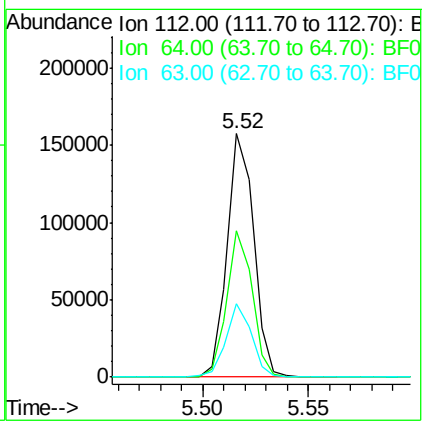


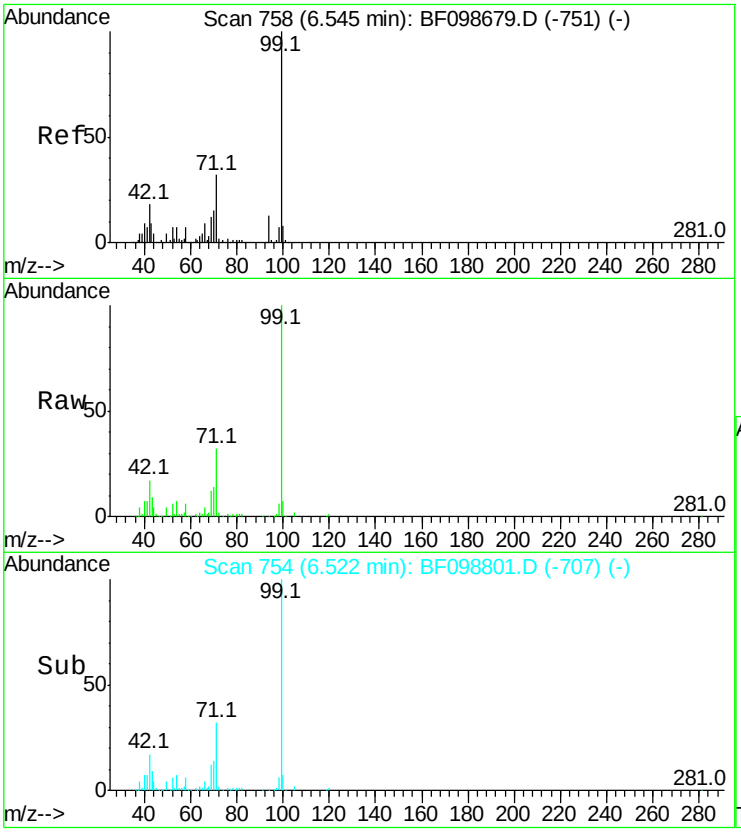


#5
2-Fluorophenol
Concen: 12.911 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:112 Resp: 135825

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	29.9	23.7	35.5



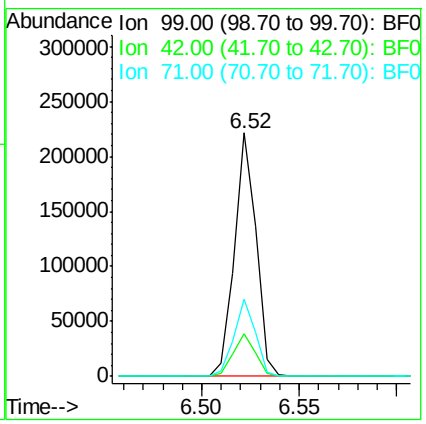


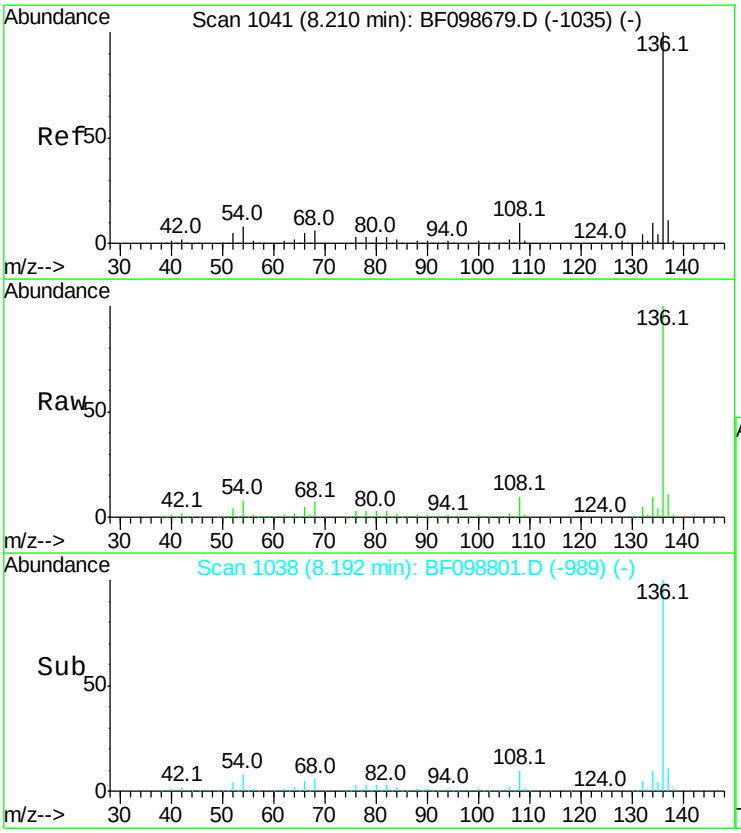
#7
Phenol-d6
Concen: 13.153 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 170700

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	31.7	25.4	38.0

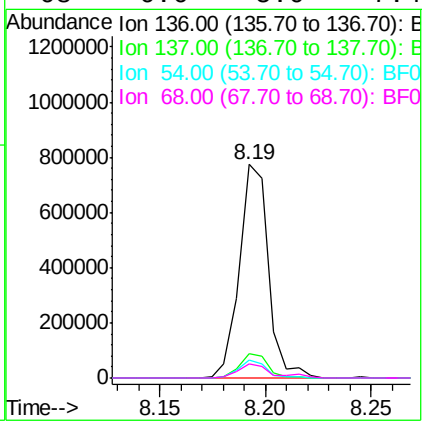


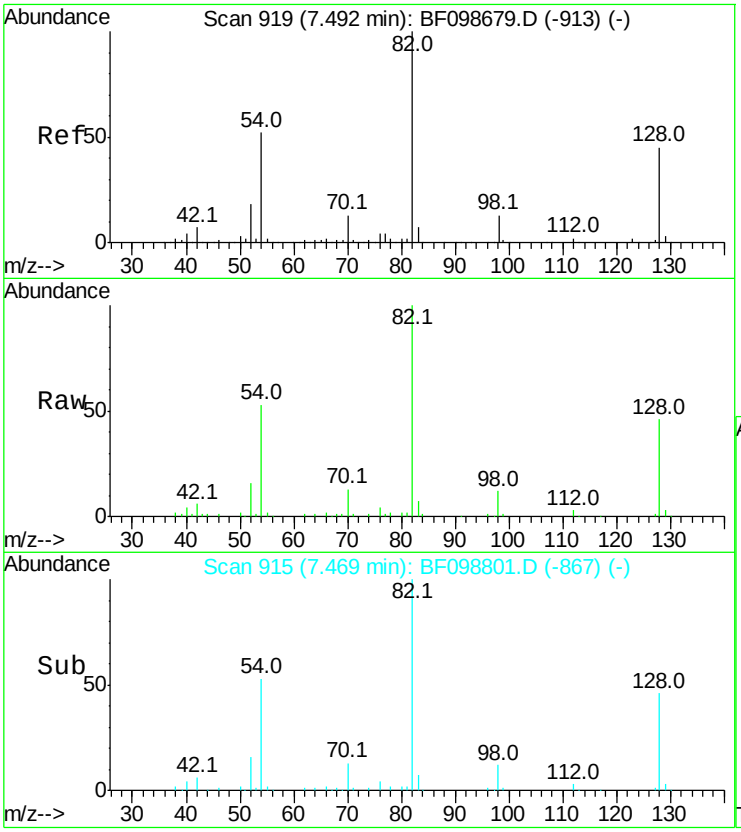


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:136 Resp: 737902

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.6	5.0	7.4



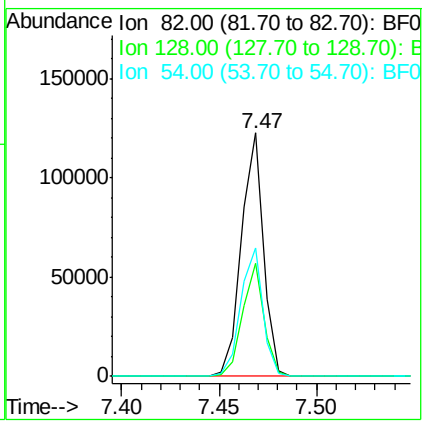


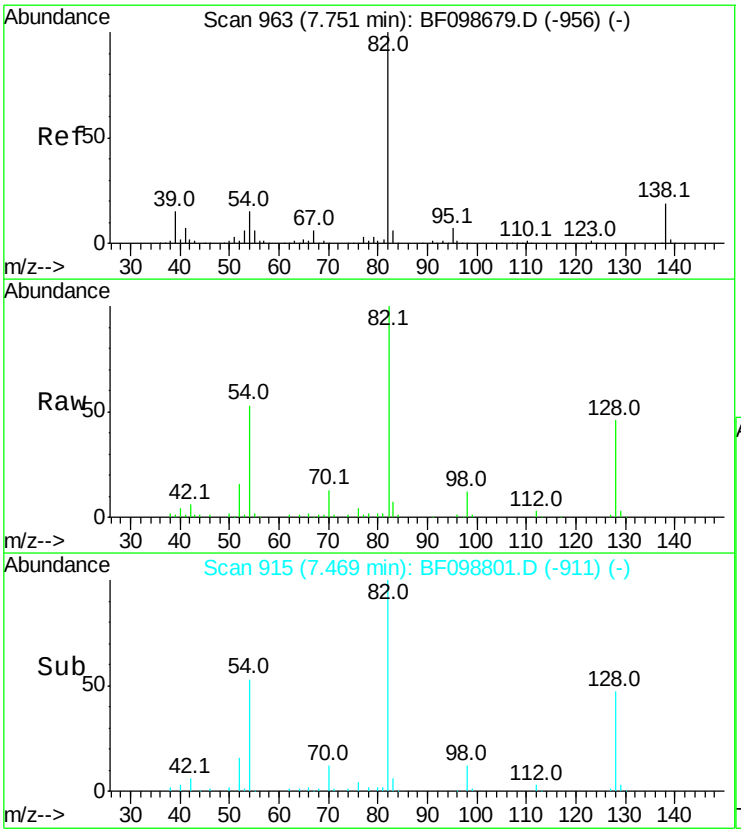
#23
Nitrobenzene-d5
Concen: 8.398 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 96631

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	52.9	41.4	62.2

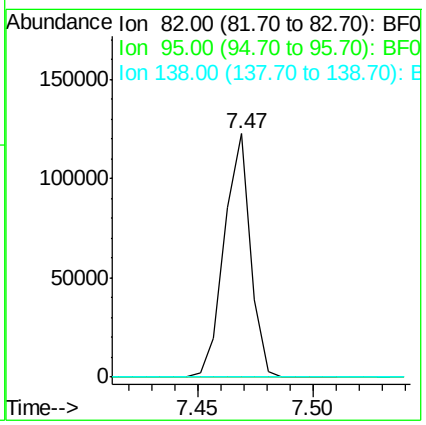


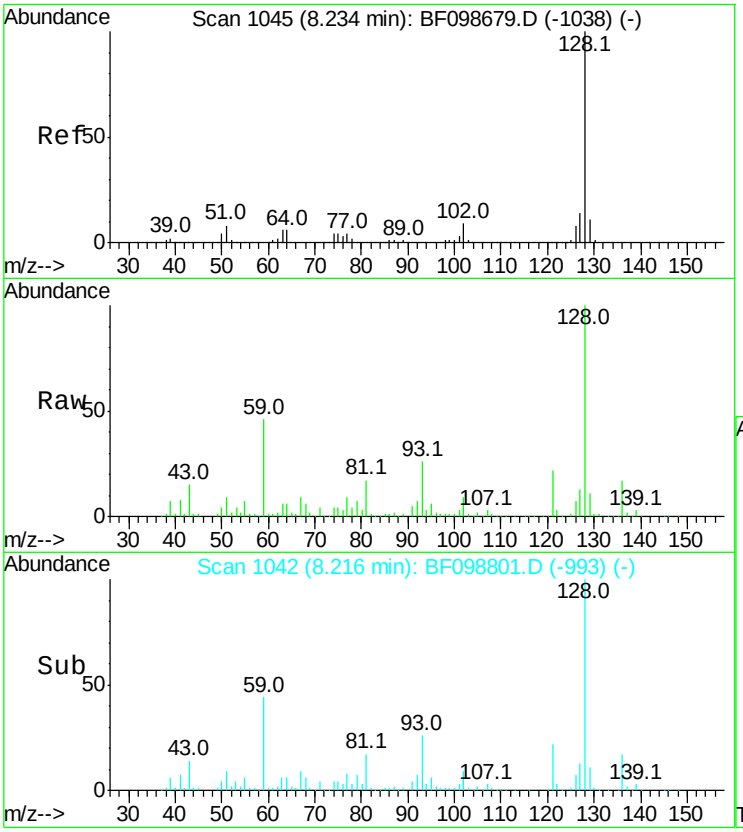


#25
Isophorone
Concen: 4.054 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion: 82 Resp: 96445

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



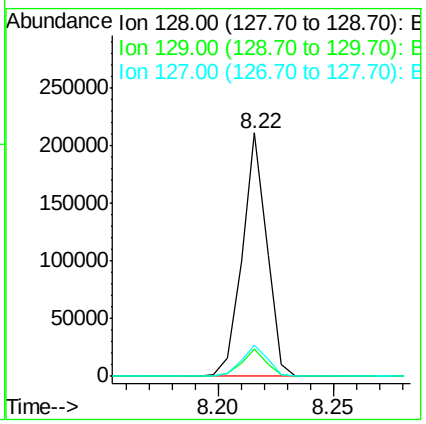


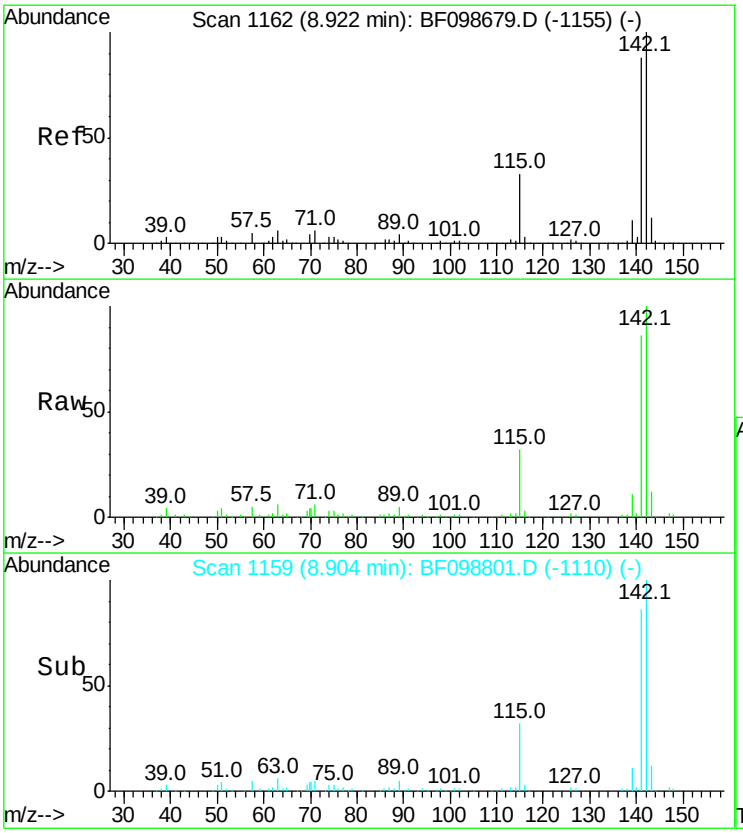
#31
Naphthalene
Concen: 4.527 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 156892

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3

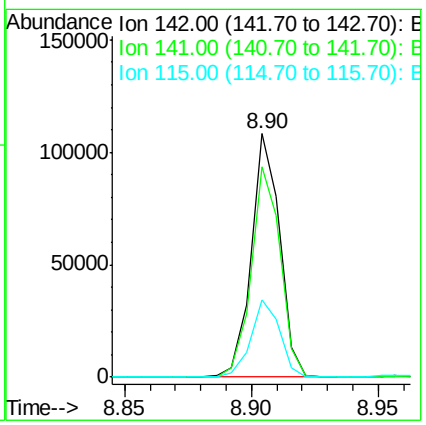


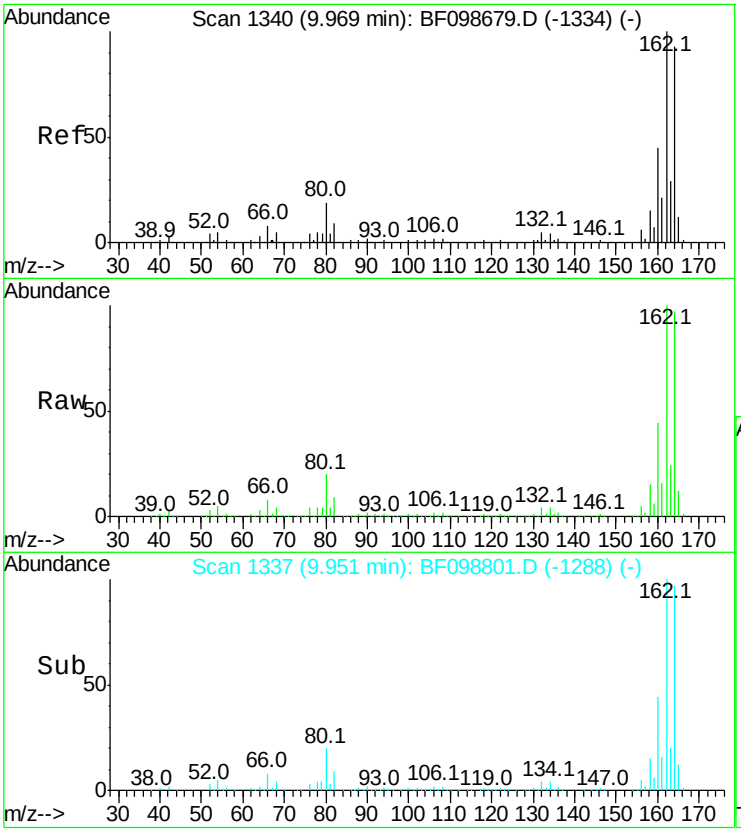


#37
2-Methylnaphthalene
Concen: 3.760 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:142 Resp: 84700

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.8	106.2
115	31.9	26.1	39.1



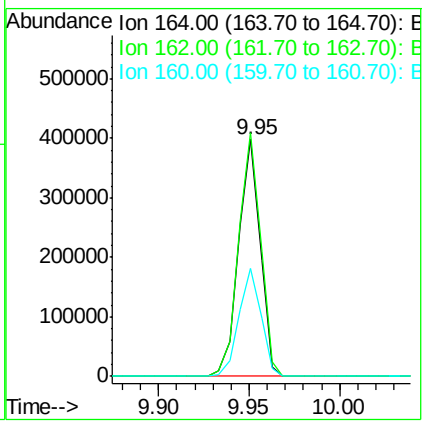


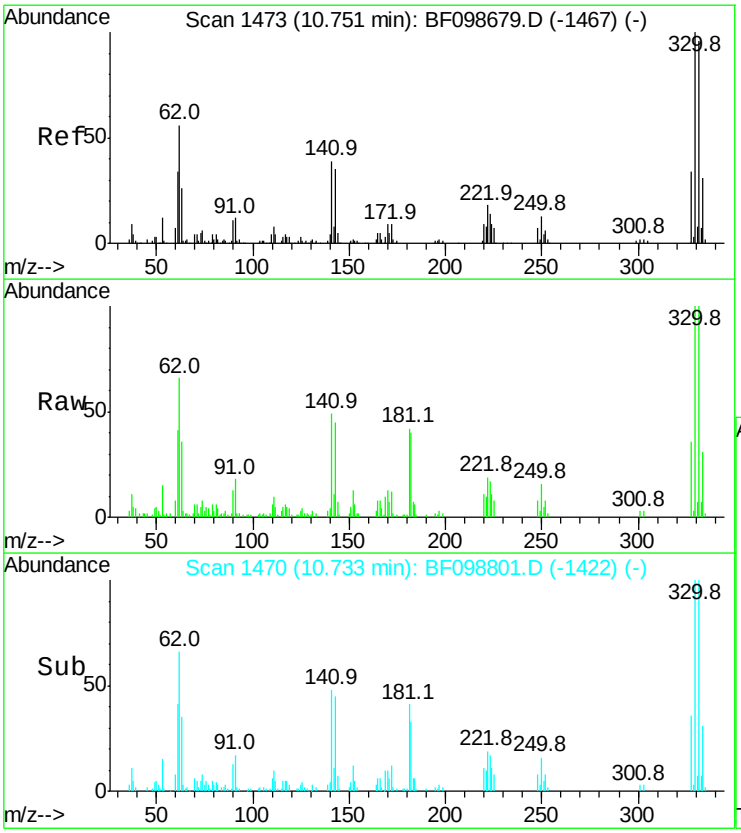
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 329588

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5

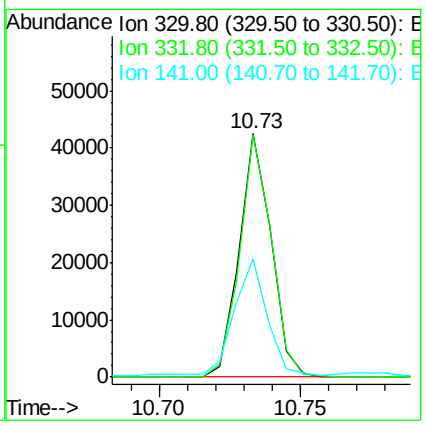


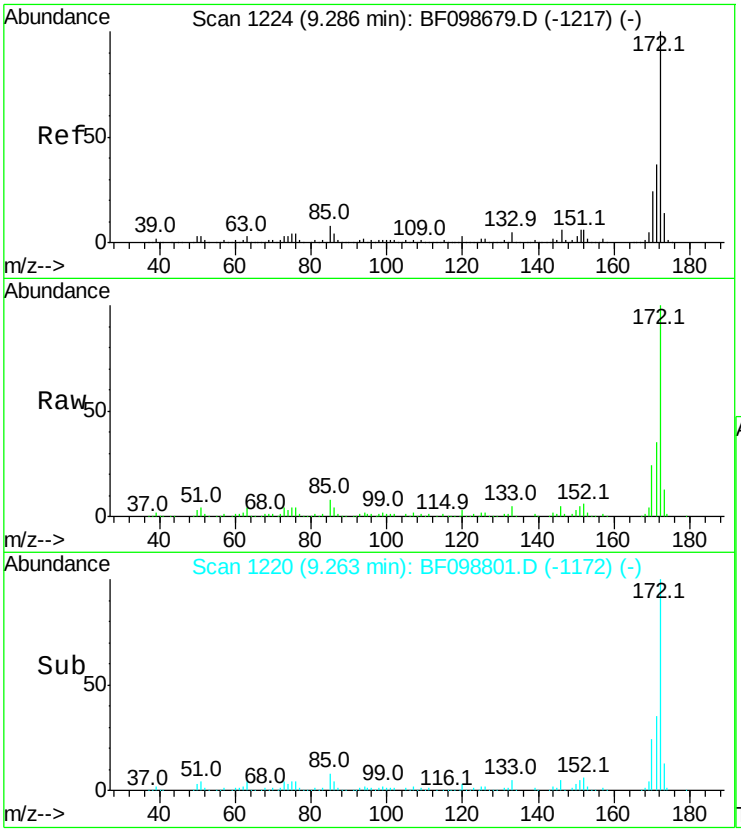


#41
2,4,6-Tribromophenol
Concen: 12.351 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:330 Resp: 33311

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	51.8	29.9	44.9#



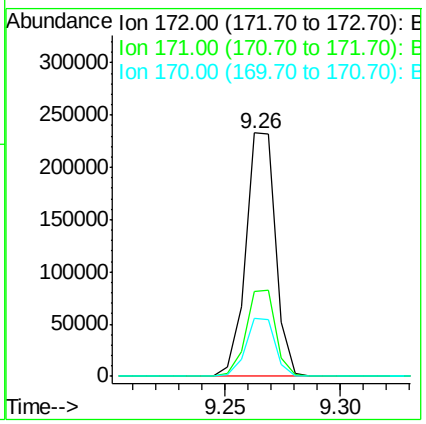


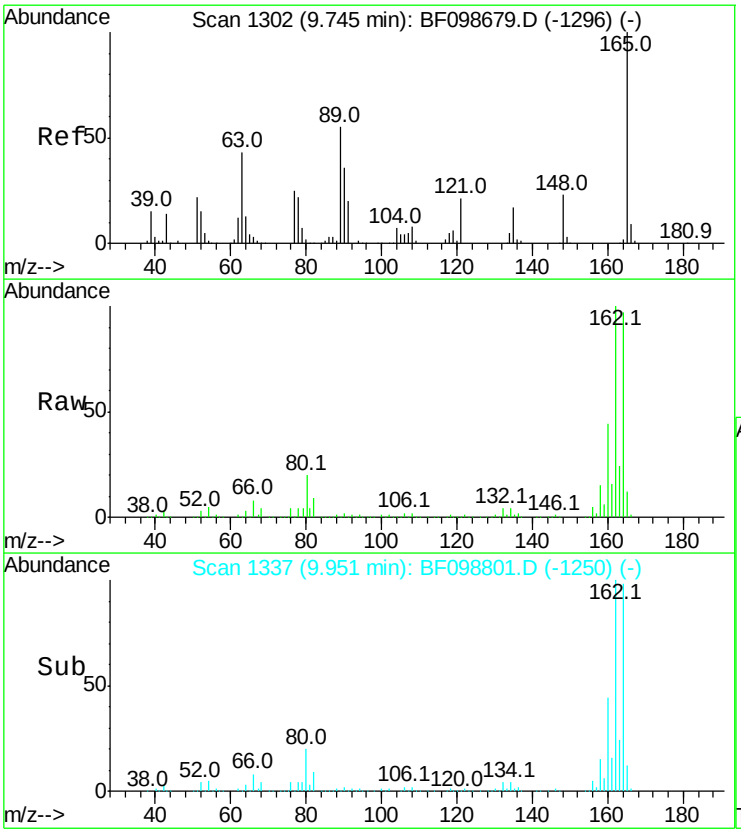
#44
2-Fluorobiphenyl
Concen: 10.680 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 210846

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.6	19.6	29.4

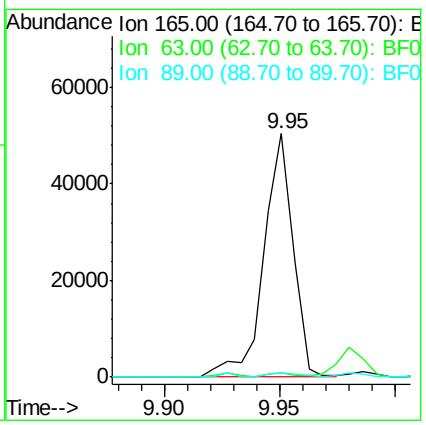


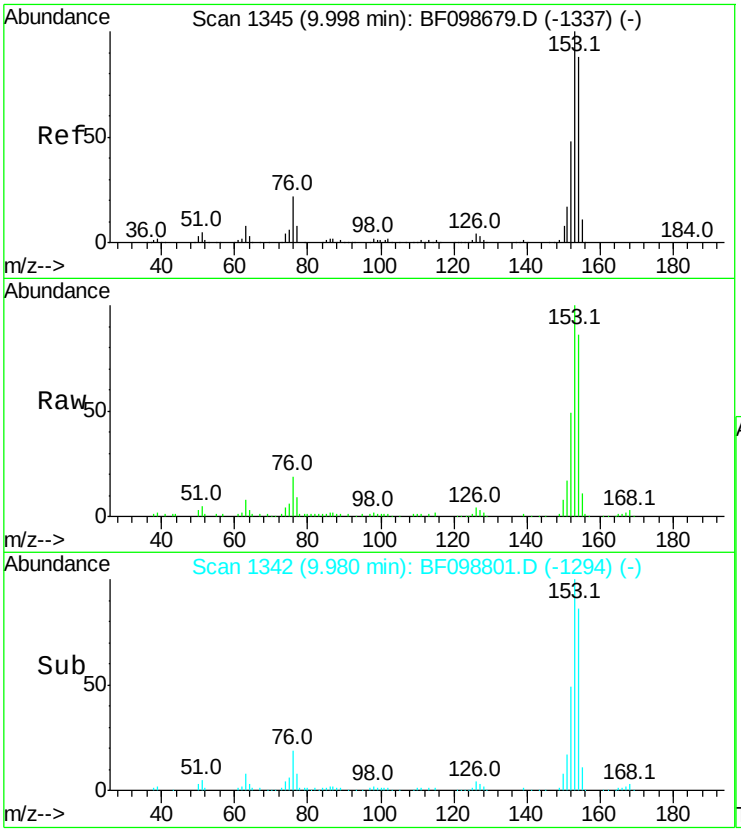


#50
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:165 Resp: 44730

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



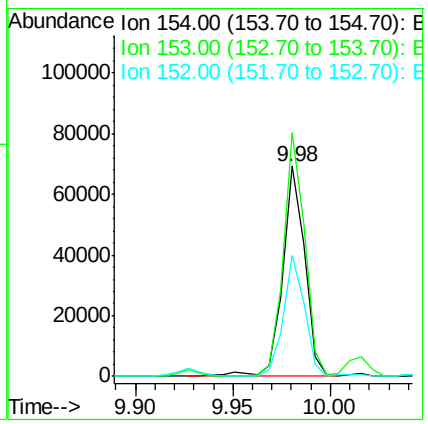


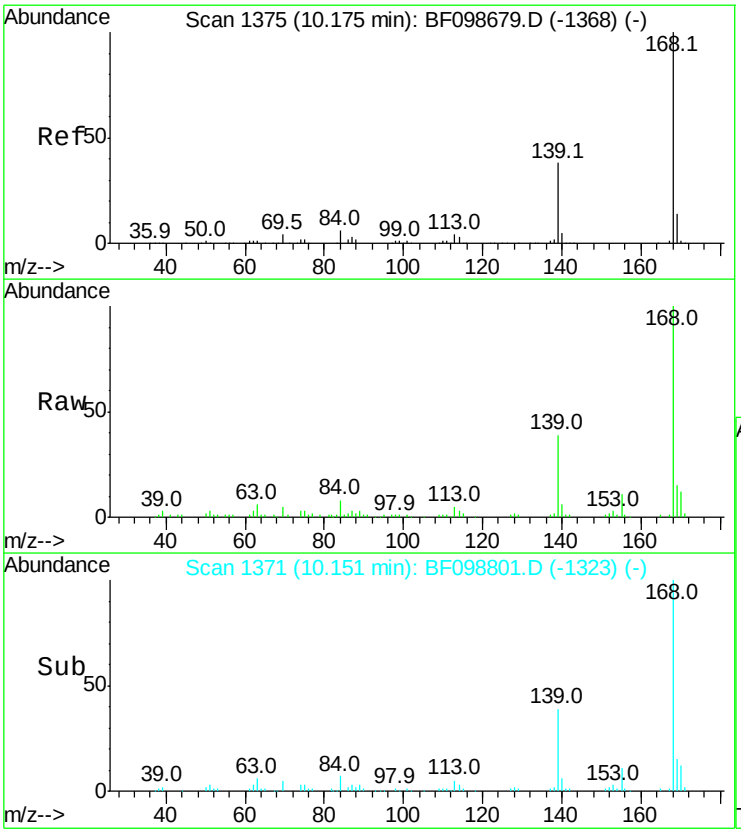
#51
Acenaphthene
Concen: 2.632 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 54290

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	57.3	43.8	65.8

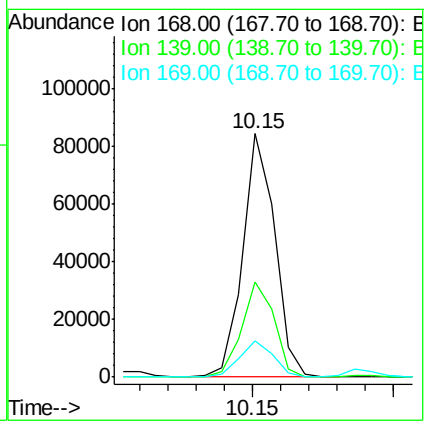


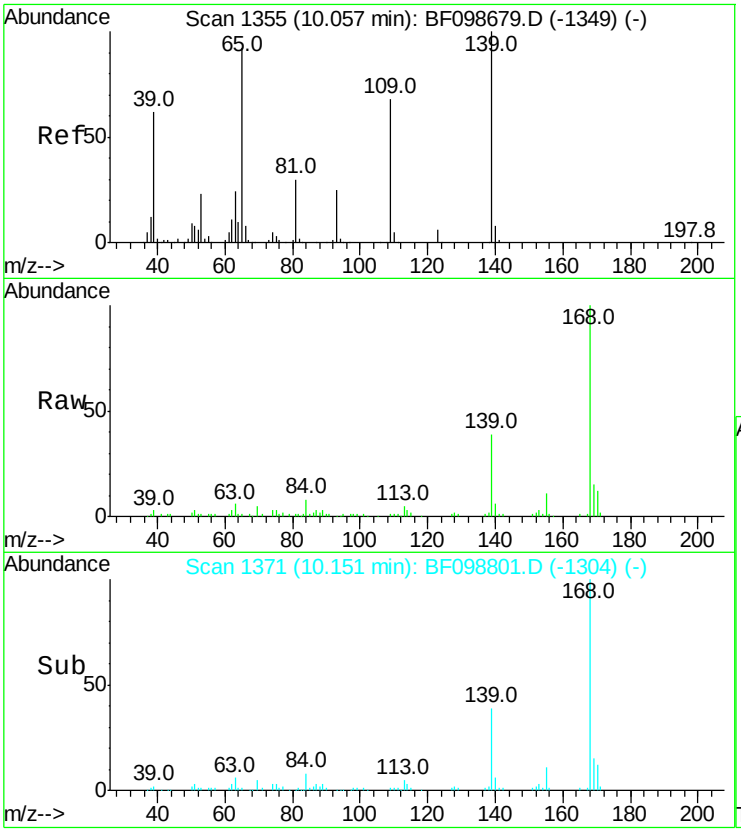


#54
Dibenzofuran
Concen: 2.414 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:168 Resp: 66286

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	15.0	10.9	16.3



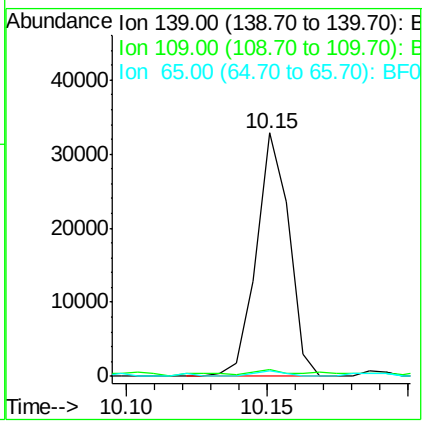


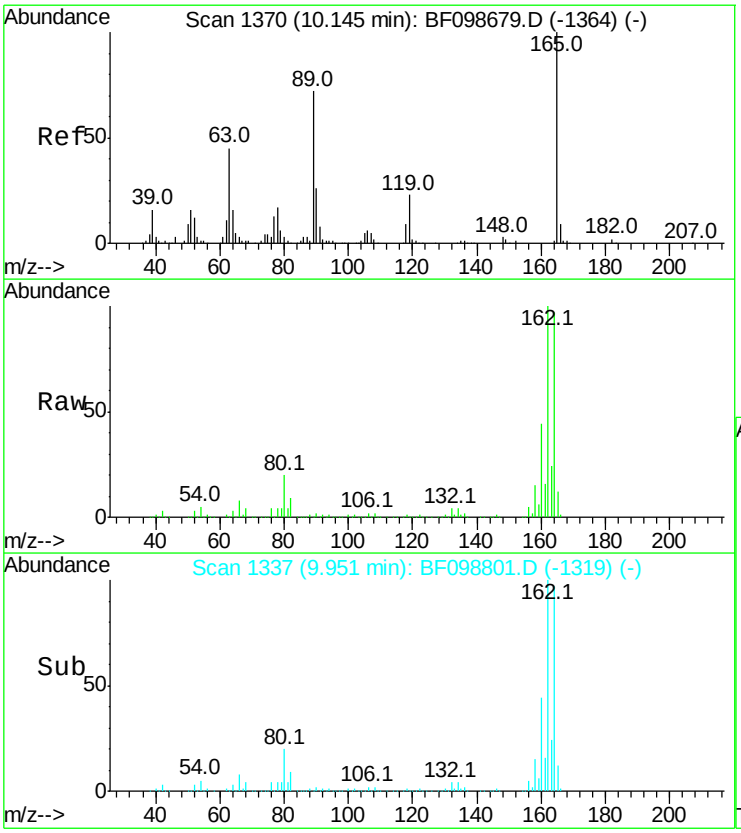
#55
4-Nitrophenol
Concen: 4.929 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.09 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 26320

Ion	Ratio	Lower	Upper
139	100		
109	2.6	48.4	88.4#
65	2.2	72.6	112.6#

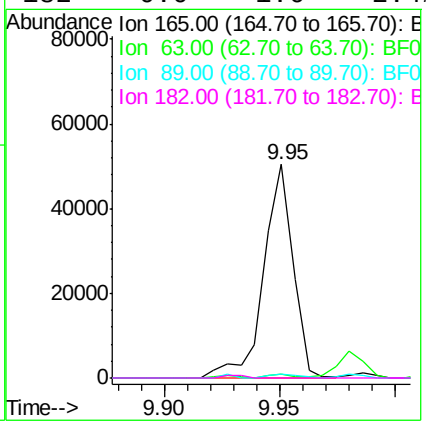


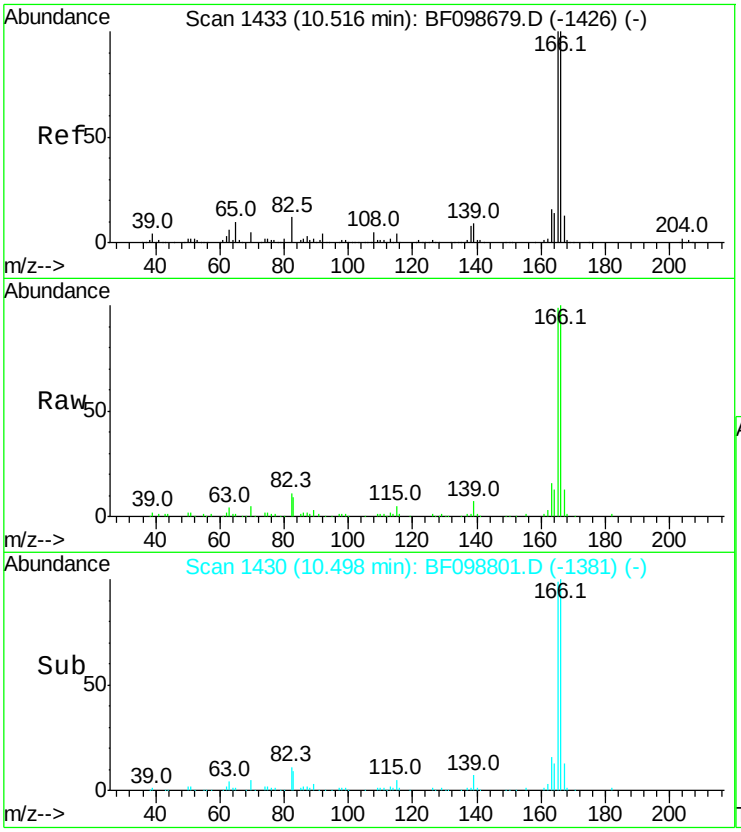


#56
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:165 Resp: 44730

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



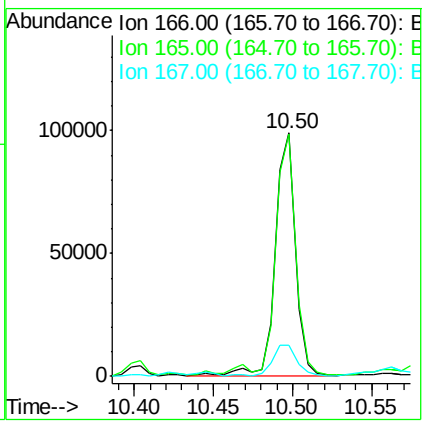


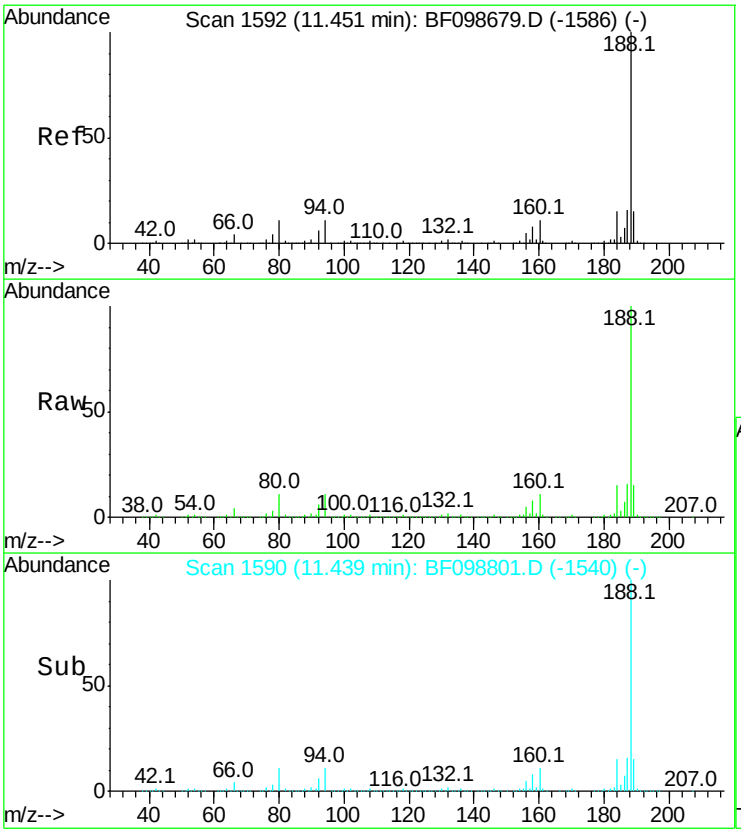
#57
Fluorene
Concen: 4.017 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 88653

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	12.8	10.6	16.0

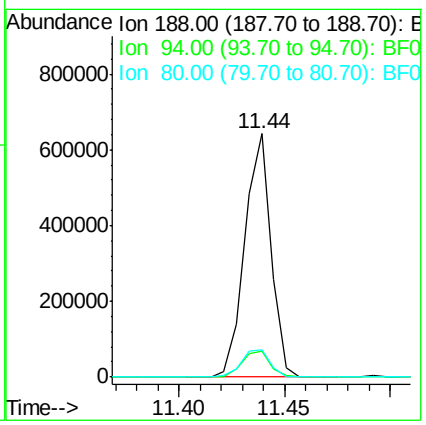


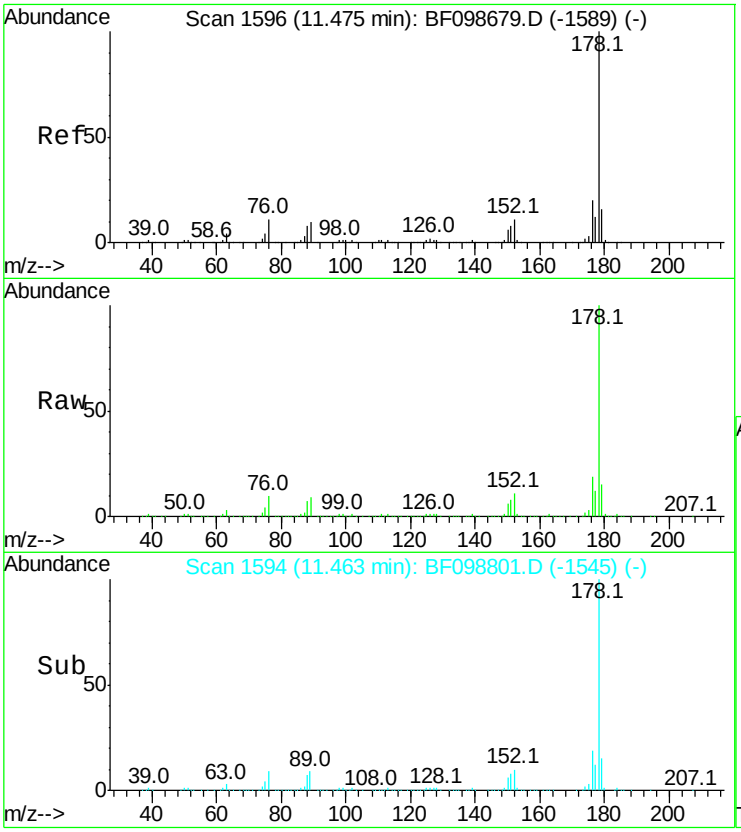


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:188 Resp: 554249

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8



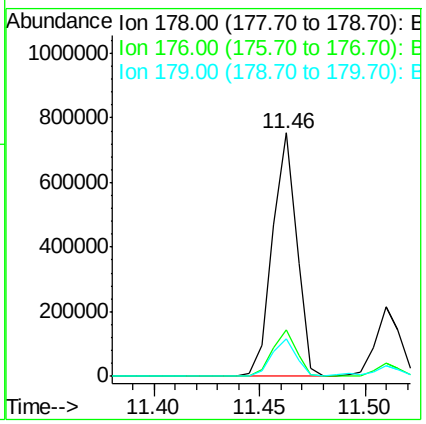


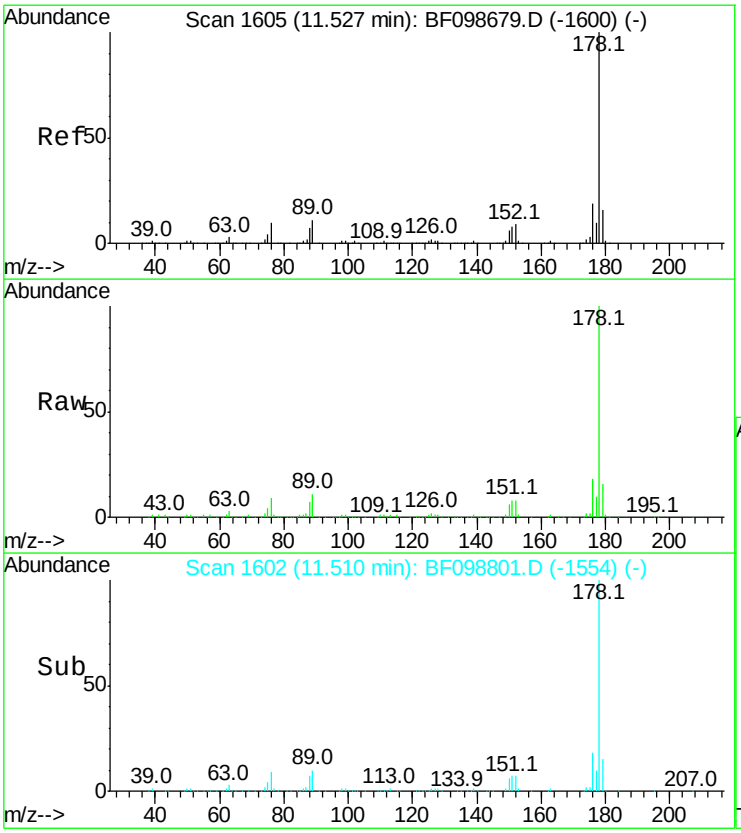
#70
Phenanthrene
Concen: 20.350 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 603726

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6

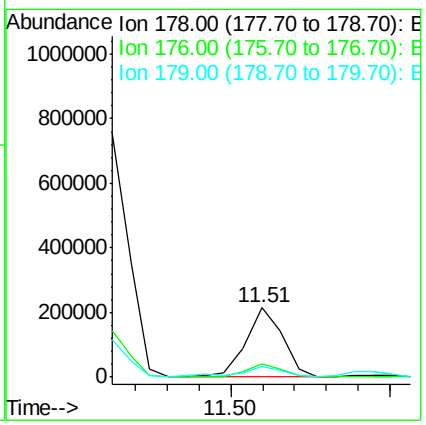


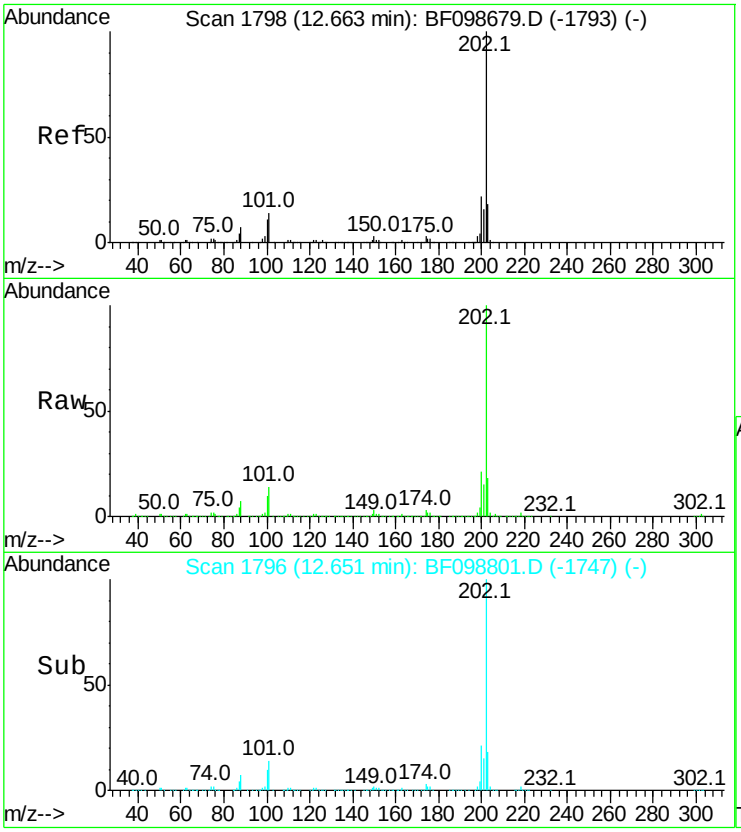


#71
Anthracene
Concen: 5.510 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:178 Resp: 167263

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0



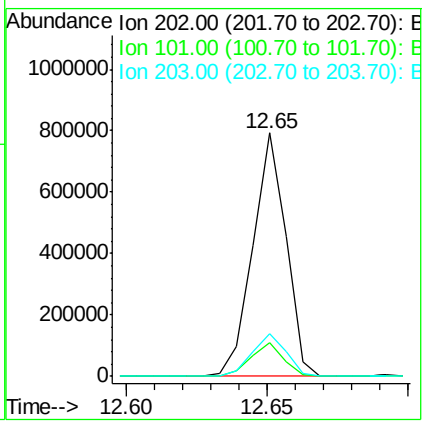


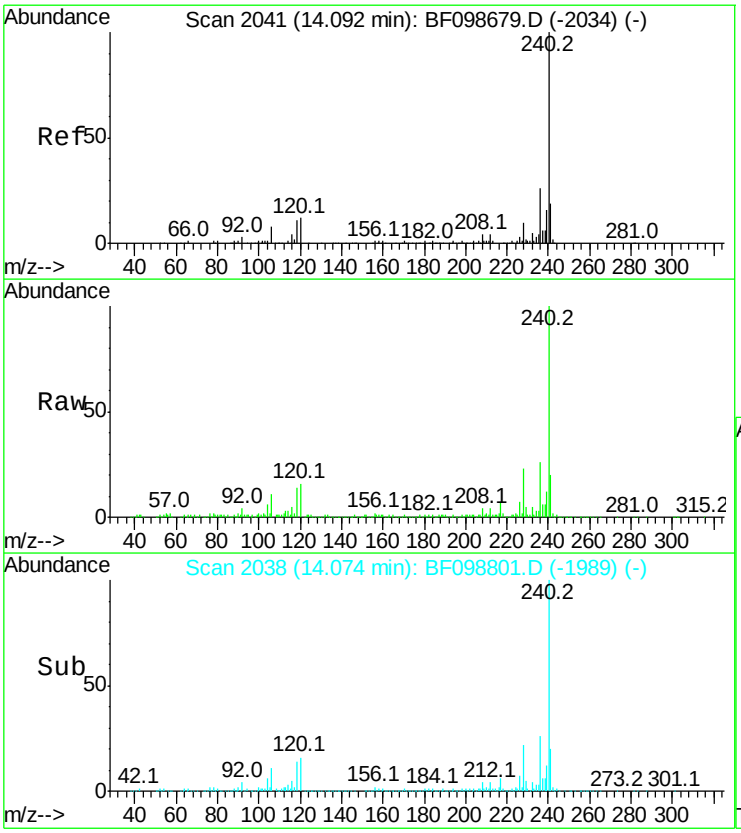
#74
Fluoranthene
Concen: 21.460 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 644700

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.6	0.0	38.1

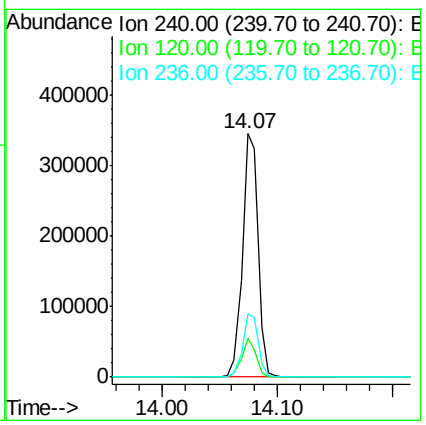


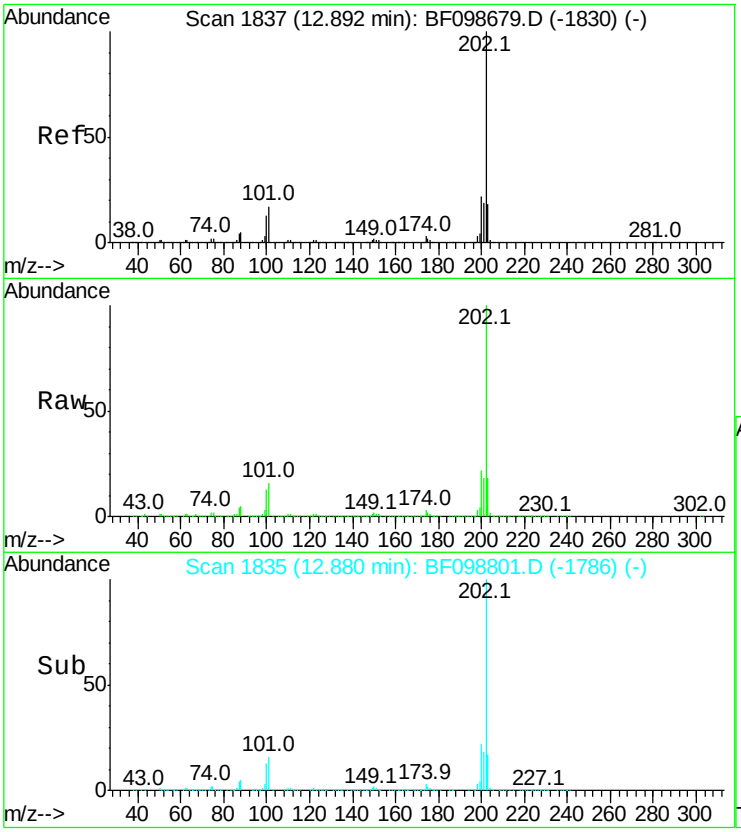


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:240 Resp: 325112

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	26.1	20.7	31.1



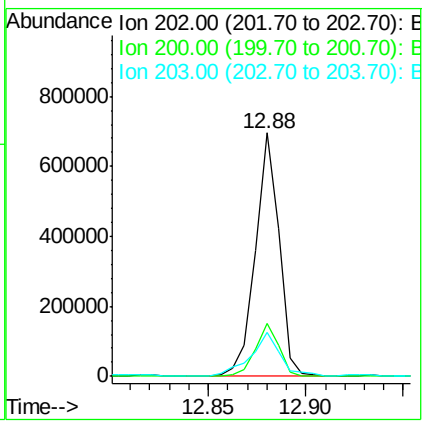


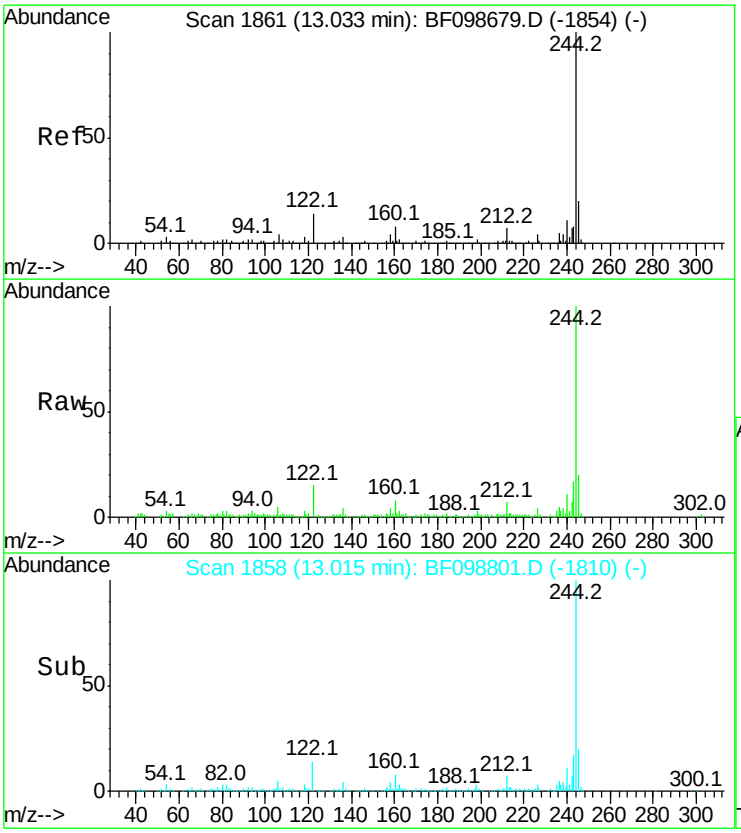
#77
Pyrene
Concen: 23.620 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 585563

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

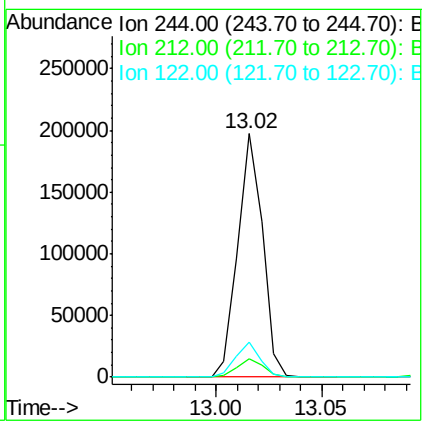


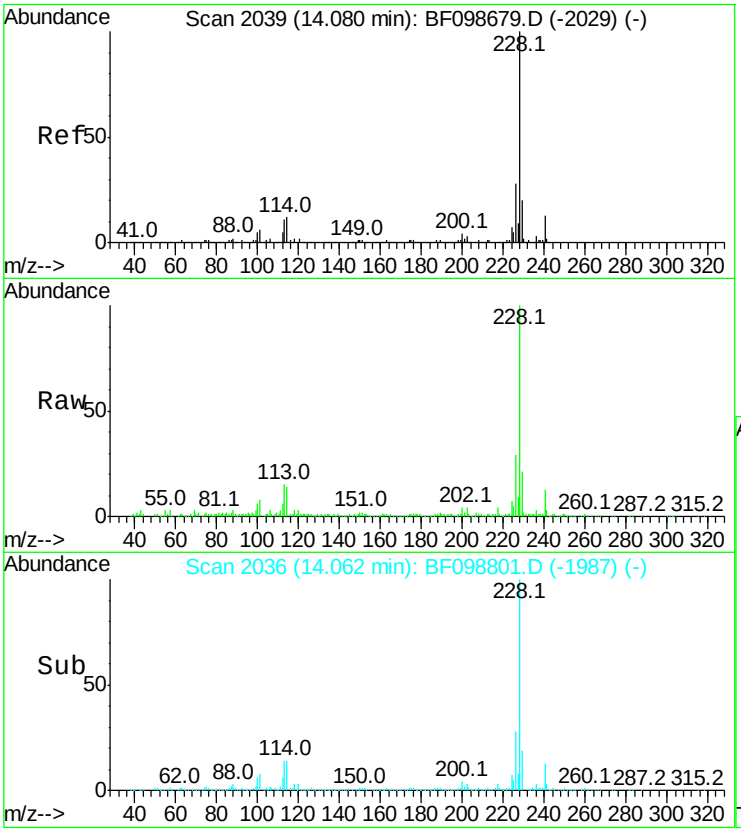


#78
Terphenyl-d14
Concen: 11.200 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:244 Resp: 160112

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	14.6	11.0	16.4



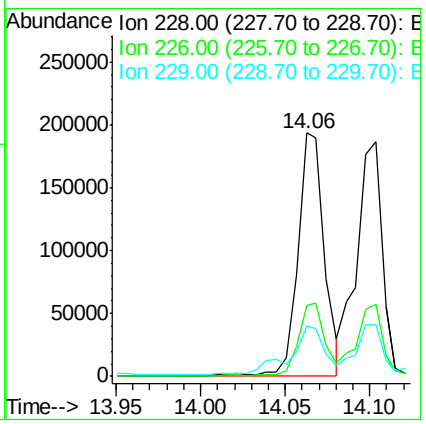


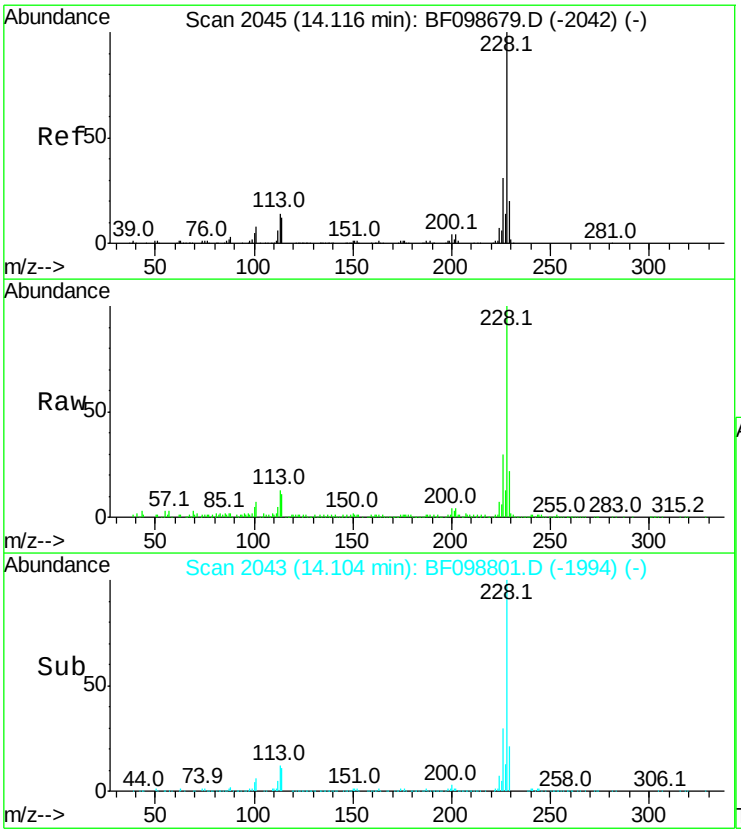
#80
Benzo(a)anthracene
Concen: 10.637 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 209407

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.7	15.8	23.6

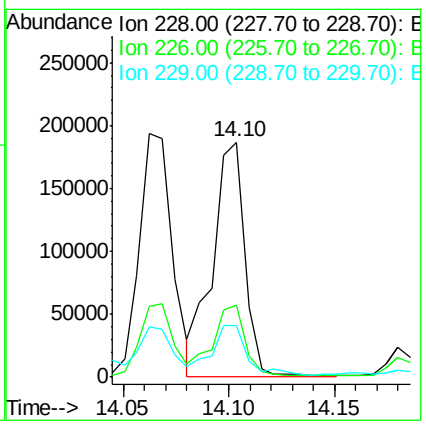


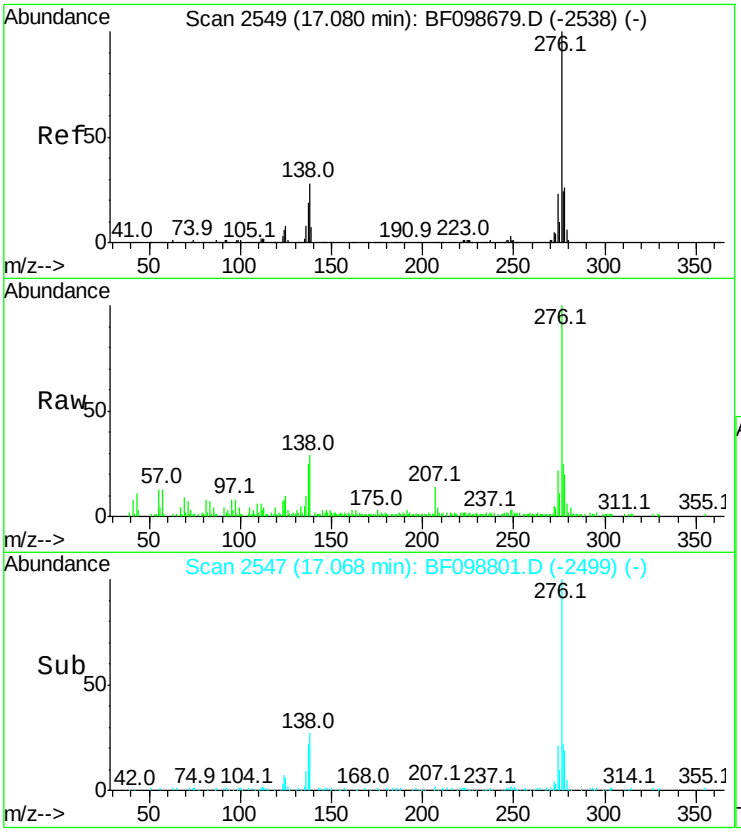


#82
Chrysene
Concen: 10.491 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:228 Resp: 196629

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.9	16.2	24.4



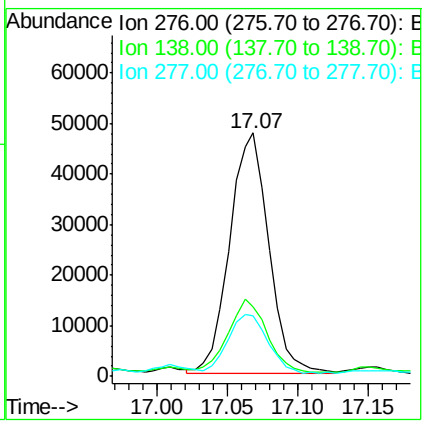


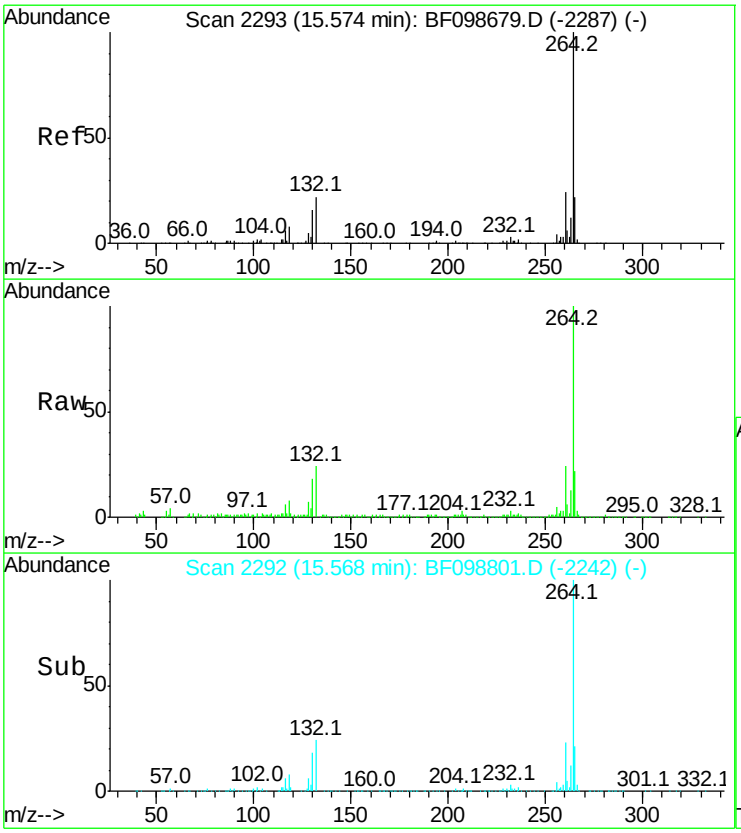
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.127 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 91855

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.0	20.1	30.1

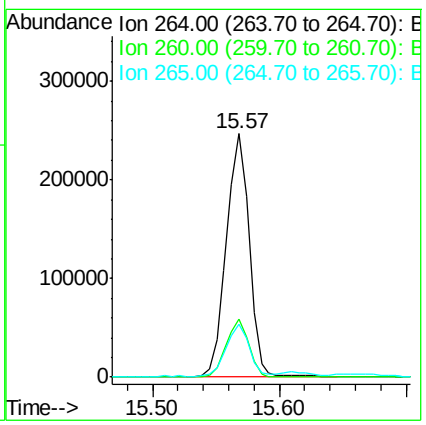


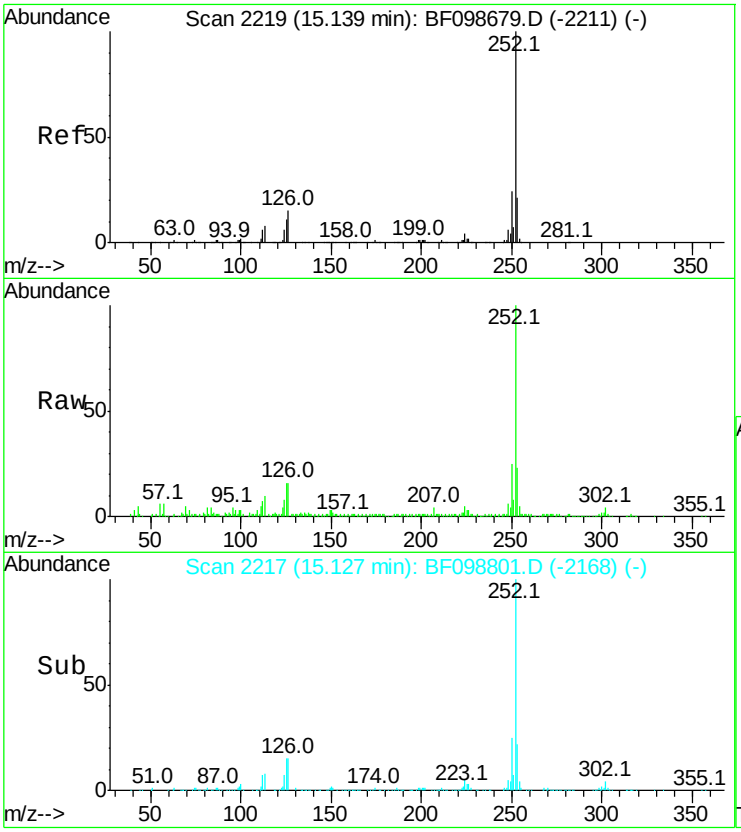


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:264 Resp: 307263

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3



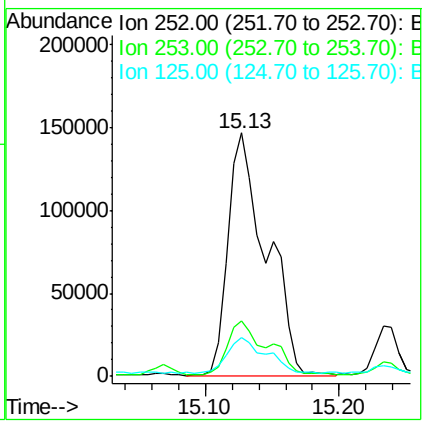


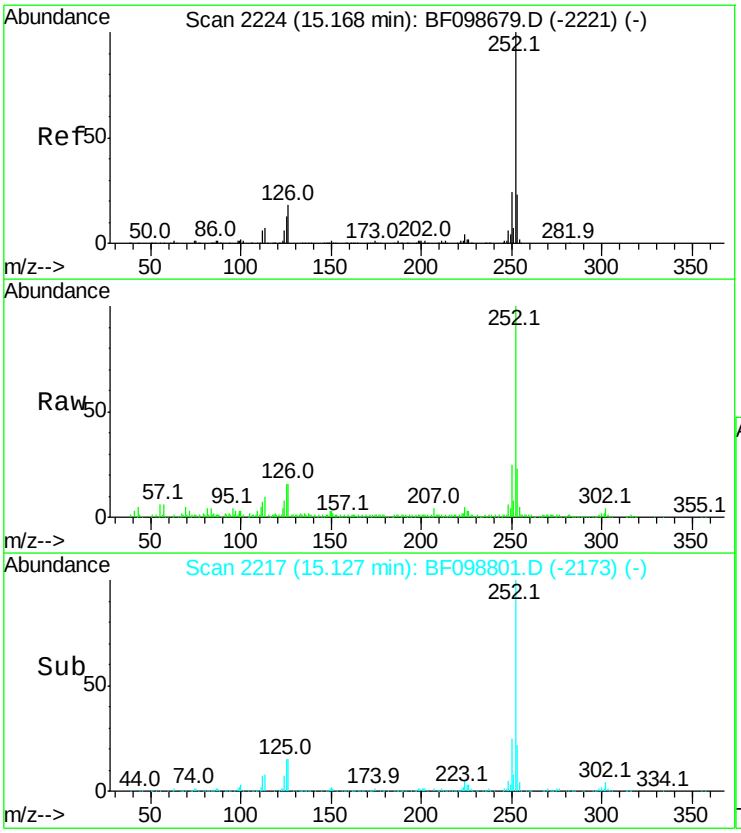
#87
Benzo(b)fluoranthene
Concen: 15.519 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 293177

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	16.2	9.0	13.6#

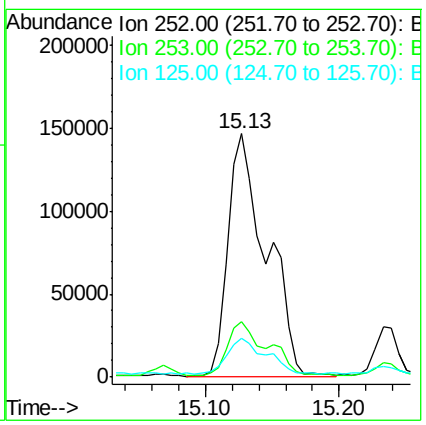


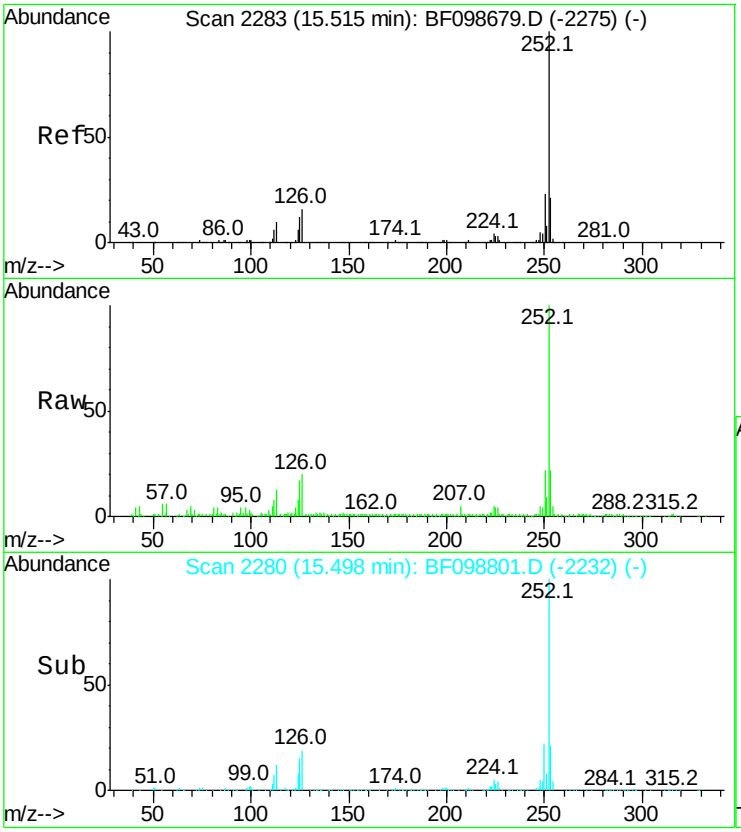


#88
Benzo(k)fluoranthene
Concen: 15.712 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:252 Resp: 293177

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	16.2	10.2	15.2#



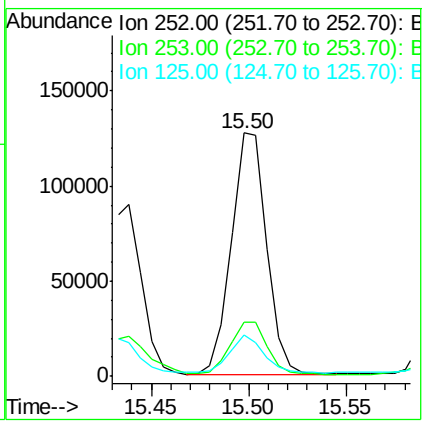


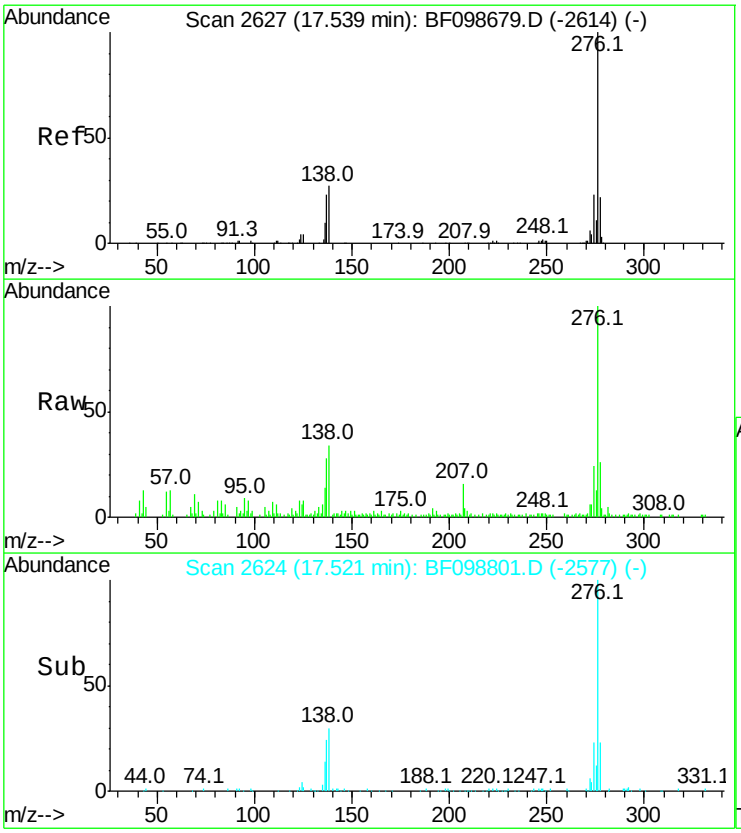
#89
Benzo(a)pyrene
Concen: 9.243 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 160288

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.353 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098801.D
Acq: 25 Sep 2017 23:55

Tgt Ion:276 Resp: 87150

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	33.9	21.8	32.8#