Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 04:16:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	100262	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	366161	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	164780	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	258785	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	195912	20.00	ng		-0.04
86) Perylene-d12	15.23	264	186227	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	6911	1.05	ng		-0.01
7) Phenol-d6	6.33	99	9761	1.09	ng		-0.02
23) Nitrobenzene-d5	7.24	82	5639	0.84	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	1064	0.74	ng		-0.04
44) 2-Fluorobiphenyl	9.03	172	10564	0.94	ng		-0.04
78) Terphenyl-d14	12.77	244	7708	0.82	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	8.00	128	4357406	229.226	ng		98
32) Benzoic acid	7.63	122	383	6.482	ng	#	1
33) 4-Chloroaniline	8.00	127	611160	76.234	ng	#	34
35) Caprolactam	8.67	113	20299	12.306	ng	#	1
37) 2-Methylnaphthalene	8.67	142	876922	75.244	ng		99
45) 1,1'-Biphenyl	9.13	154	293829	19.554	ng		96
48) Acenaphthylene	9.57	152	283529	16.262	ng		97
51) Acenaphthene	9.75	154	846366	76.970	ng		99
54) Dibenzofuran	9.92	168	845250	57.355	ng		97
55) 4-Nitrophenol	9.92	139	309237	124.970	ng	#	27
57) Fluorene	10.26	166	722184	63.383	ng		95
61) 4-Nitroaniline	10.26	138	7663	2.599	ng	#	29
64) 4,6-Dinitro-2-methylphenol	10.57	198	109	8.395	ng	#	1
70) Phenanthrene	11.23	178	2396318	173.773	ng		99
71) Anthracene	11.27	178	923993	66.062	ng		99
72) Carbazole	11.42	167	335767	25.291	ng		98
74) Fluoranthene	12.41	202	1742024	121.029	ng		99
77) Pyrene	12.64	202	1525801	95.224	ng		98
80) Benzo(a)anthracene	13.86	228	561916	47.856	ng		94
82) Chrysene	13.86	228	561916	48.108	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	40834	4.752	ng		95
87) Benzo(b)fluoranthene	14.84	252	896898	76.407	ng		97
88) Benzo(k)fluoranthene	14.84	252	896898	81.327	ng		97
89) Benzo(a)pyrene	15.17	252	545300	52.474	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	49389	5.838	ng		94
91) Benzo(g,h,i)perylene	16.98	276	225103	25.500	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
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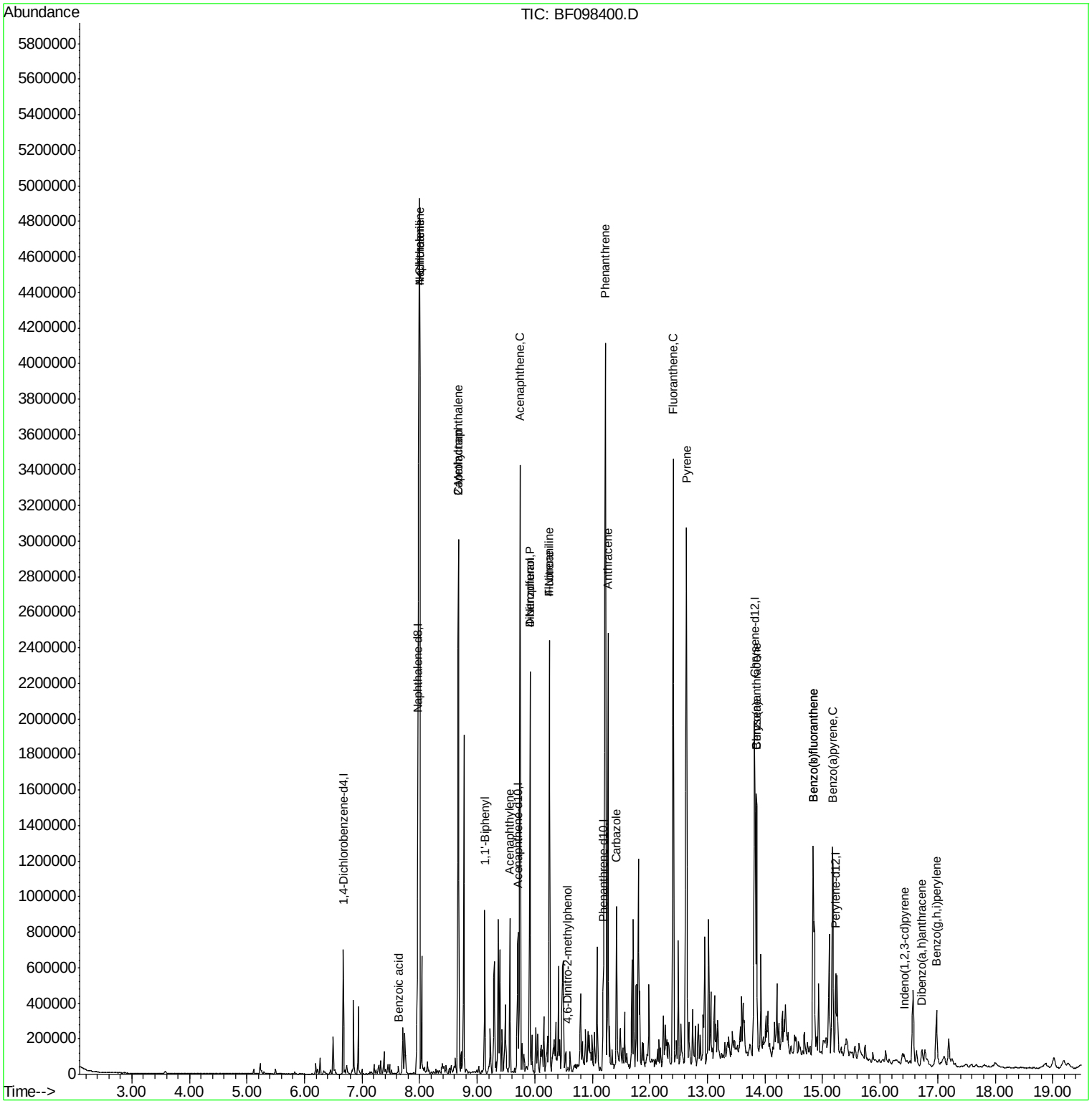
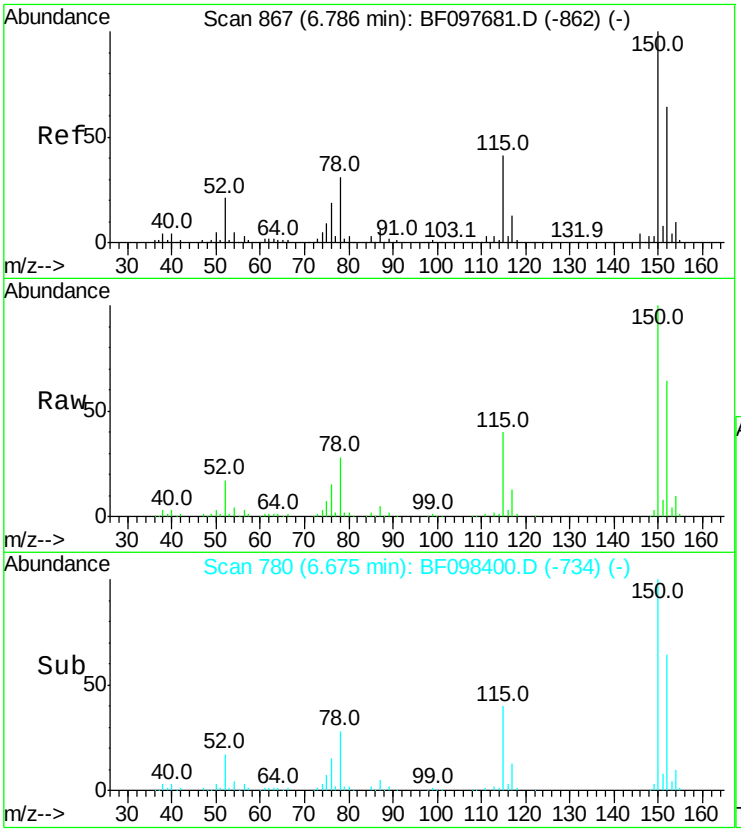
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 04:16:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



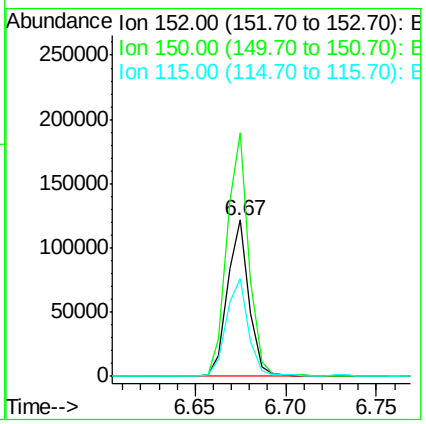


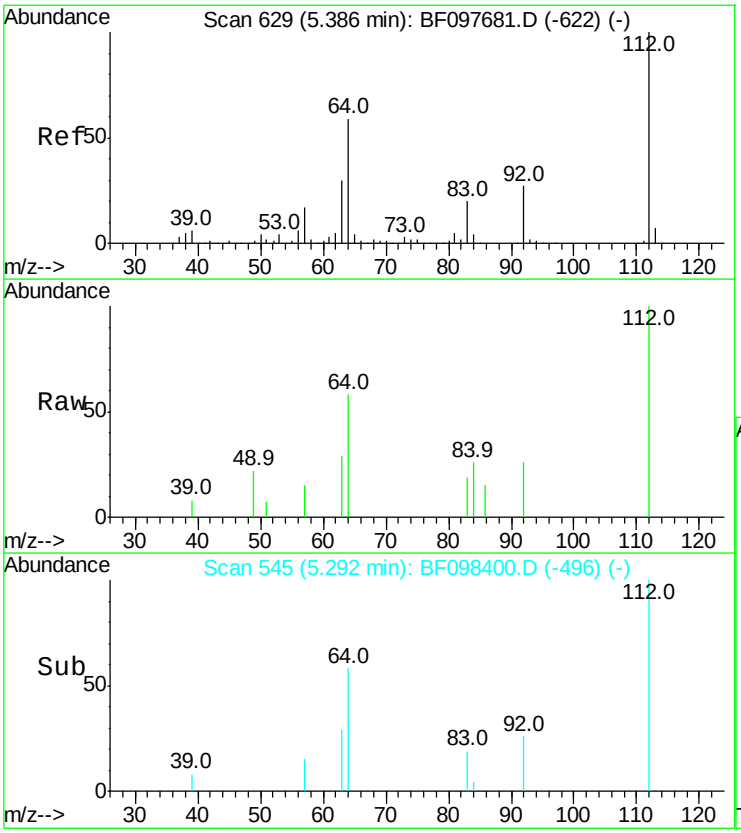
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100262

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	62.3	52.2	78.2

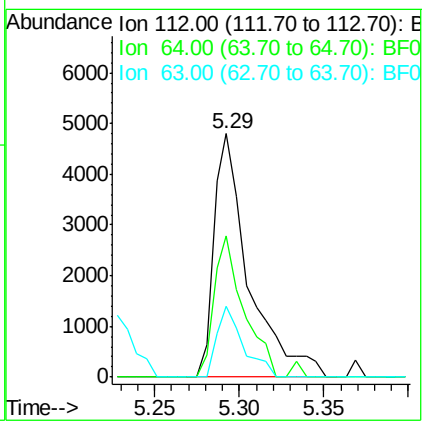


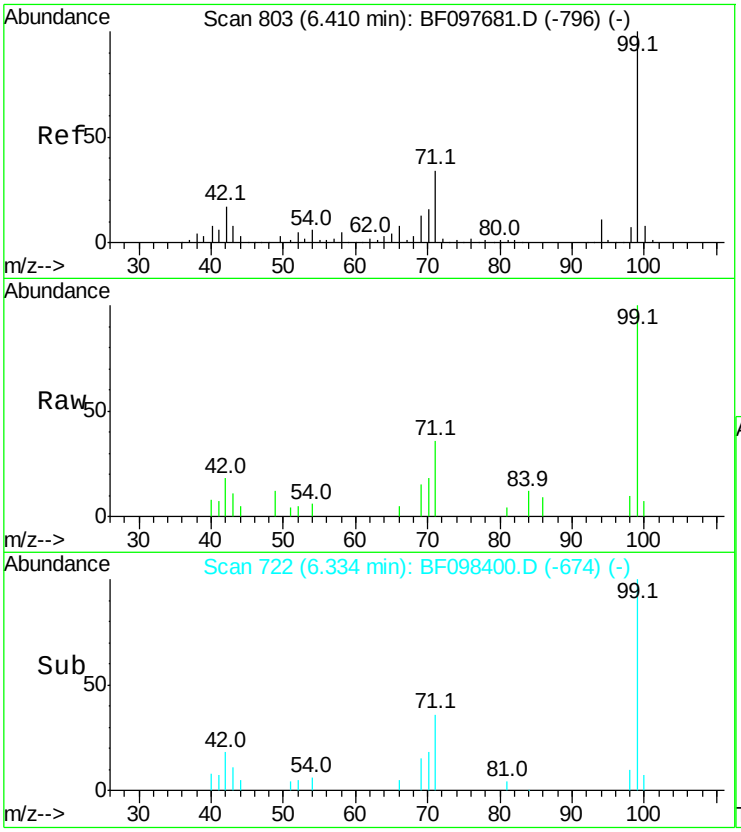


#5
2-Fluorophenol
Concen: 1.048 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:112 Resp: 6911

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	28.8	23.4	35.0



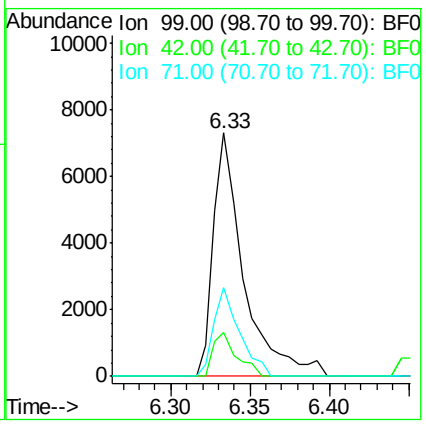


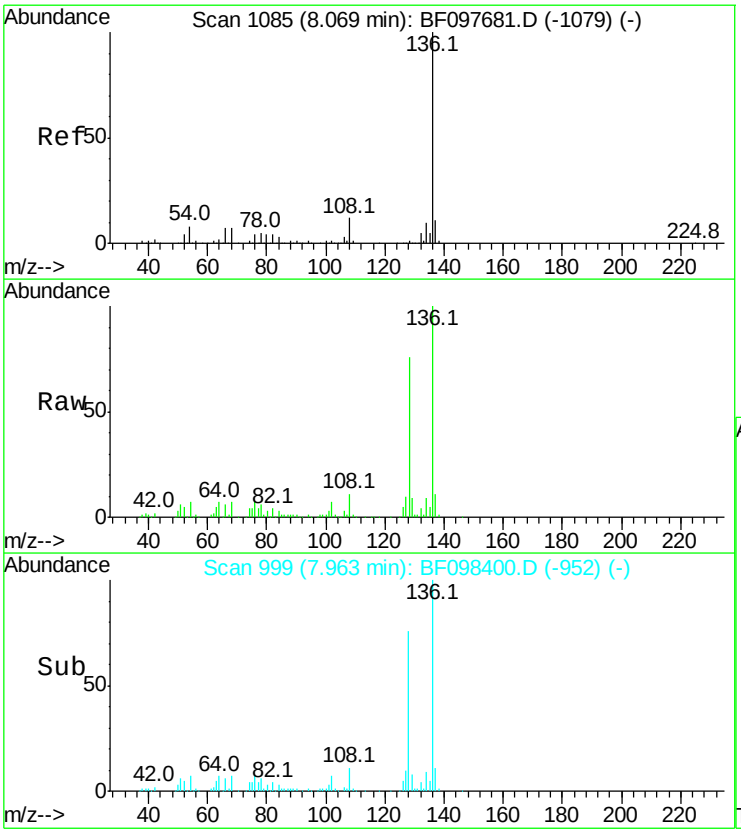
#7
Phenol-d6
Concen: 1.090 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 9761

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	36.4	24.5	36.7

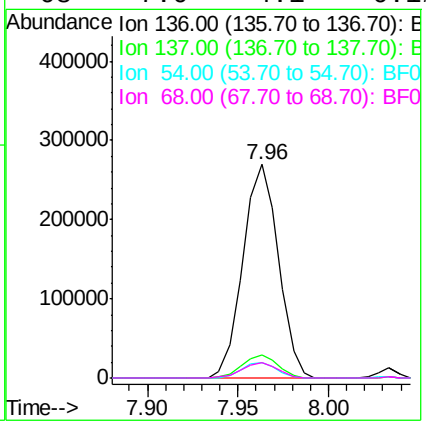


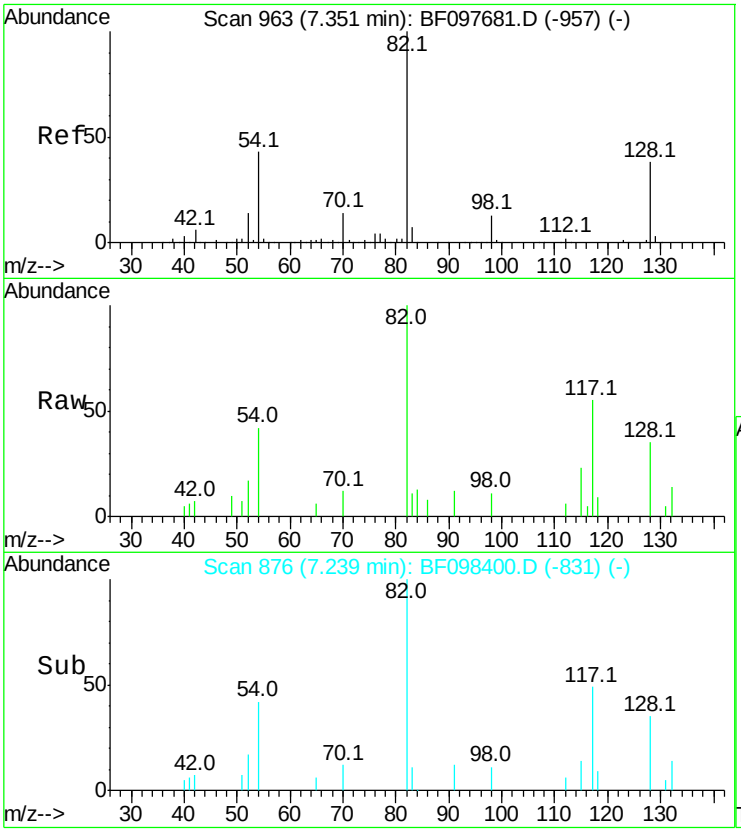


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:136 Resp: 366161

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.2	4.9	7.3
68	7.0	4.1	6.1#



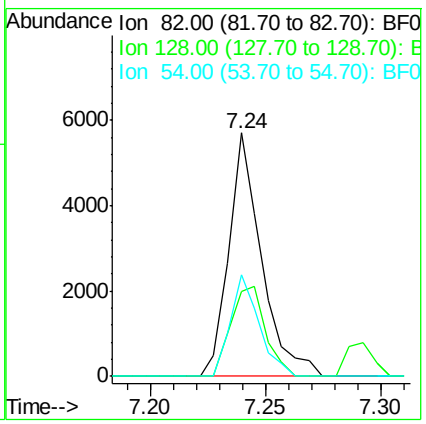


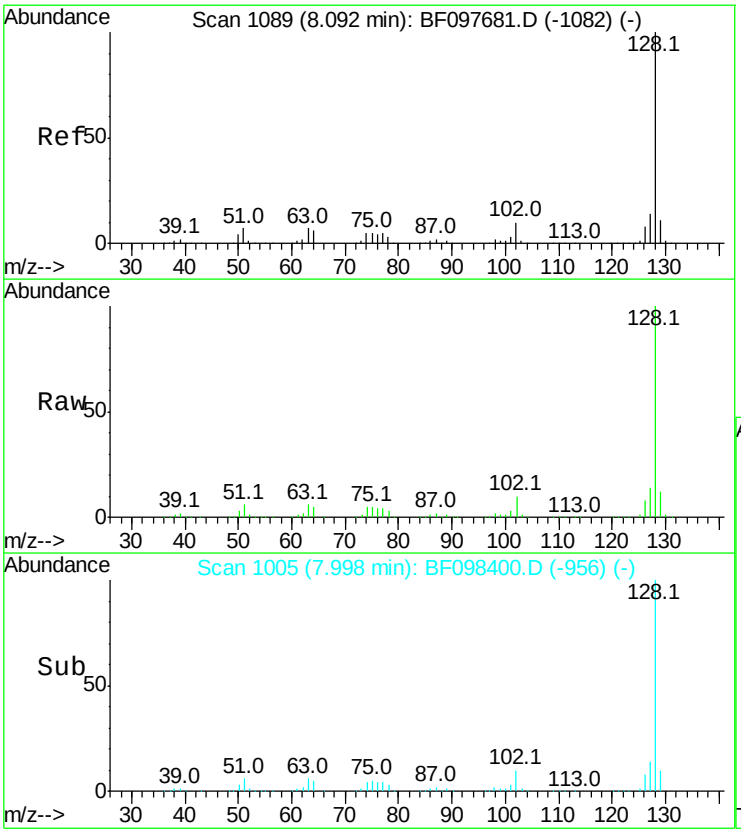
#23
Nitrobenzene-d5
Concen: 0.837 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 5639

Ion	Ratio	Lower	Upper
82	100		
128	34.6	34.0	51.0
54	41.6	42.2	63.2#

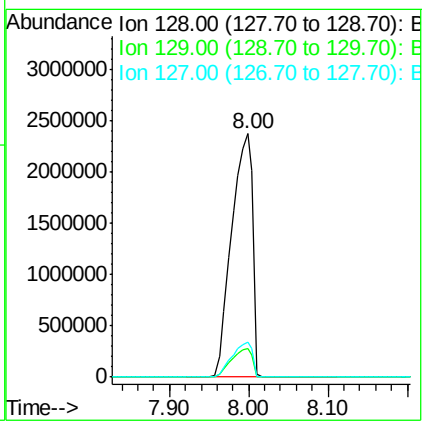


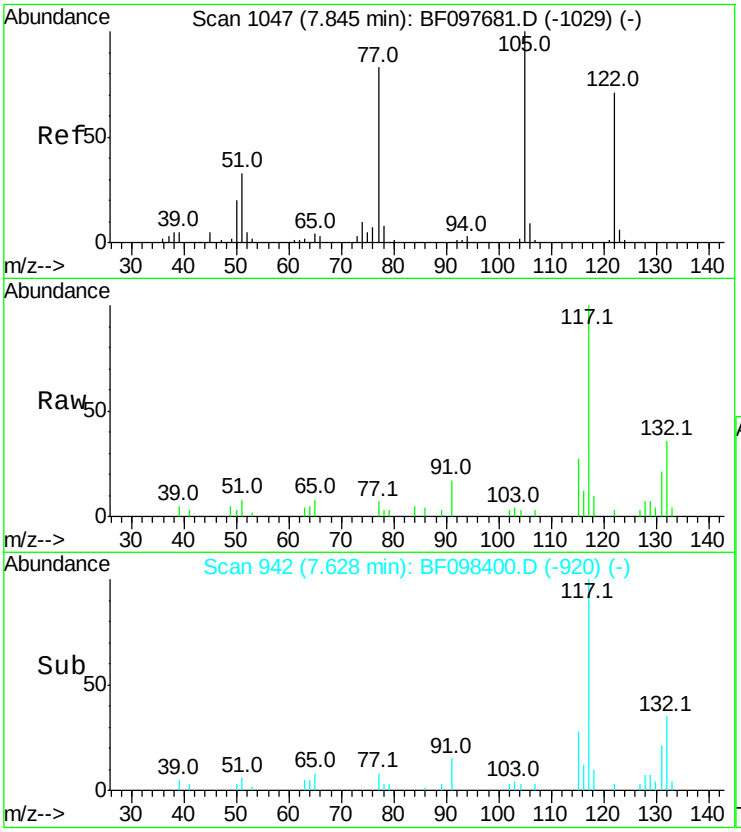


#31
Naphthalene
Concen: 229.226 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:128 Resp: 4357406

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.4	10.8	16.2



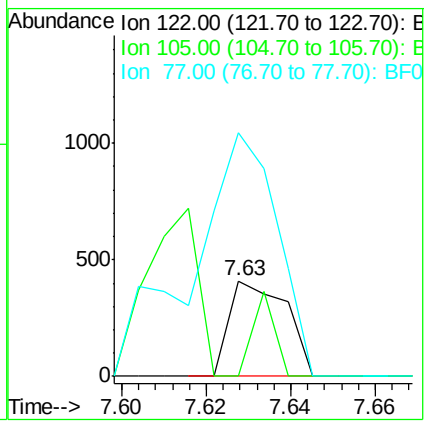


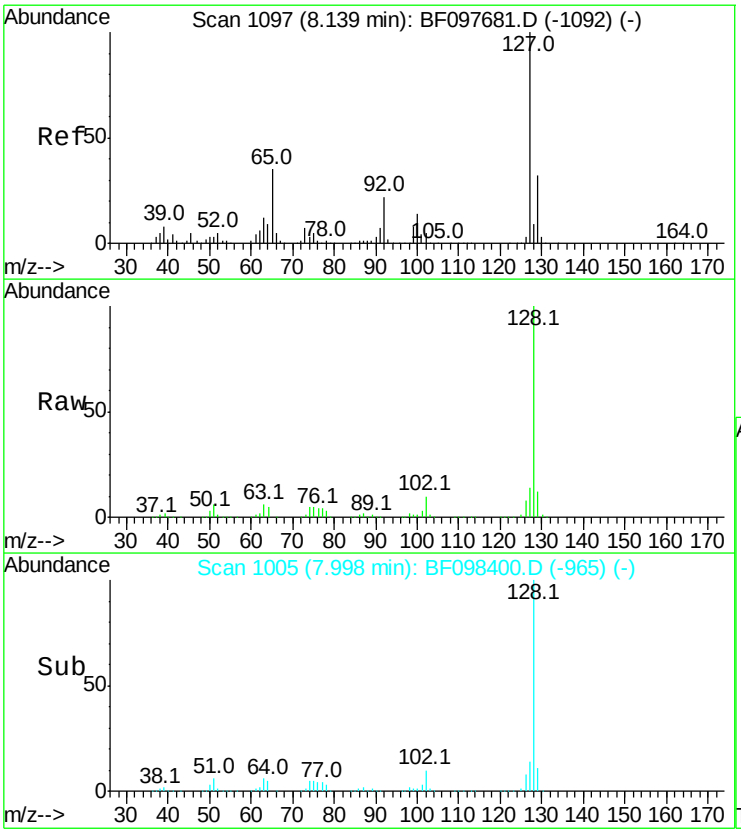
#32
Benzoic acid
Concen: 6.482 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.17 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 383

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	254.6	73.7	113.7#

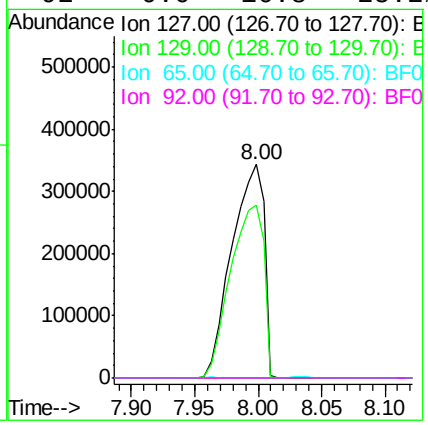


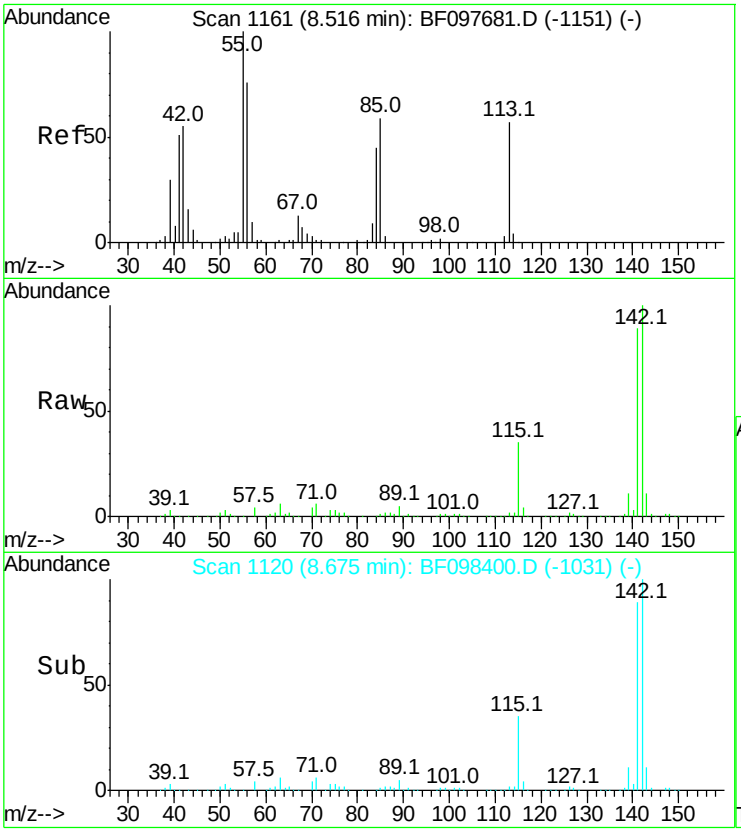


#33
4-Chloroaniline
Concen: 76.234 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:127 Resp: 611160

Ion	Ratio	Lower	Upper
127	100		
129	81.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



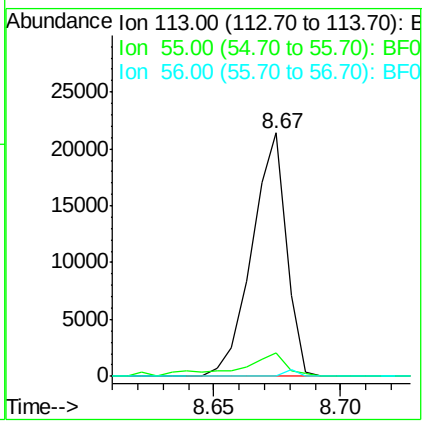


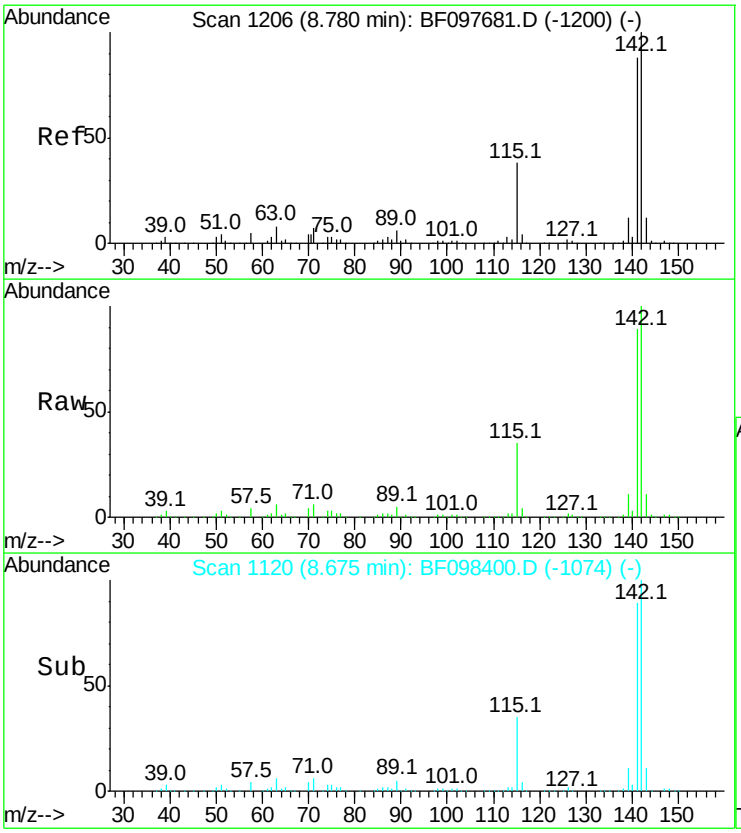
#35
Caprolactam
Concen: 12.306 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.22 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 20299

Ion	Ratio	Lower	Upper
113	100		
55	9.7	150.2	190.2#
56	0.0	107.8	147.8#

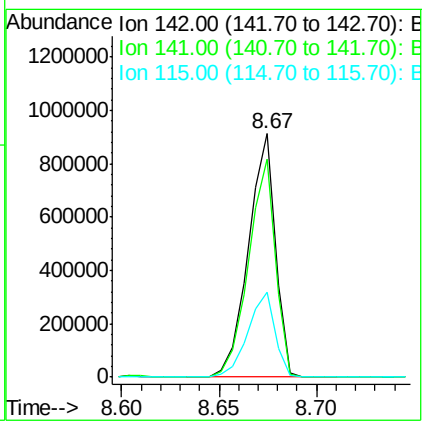


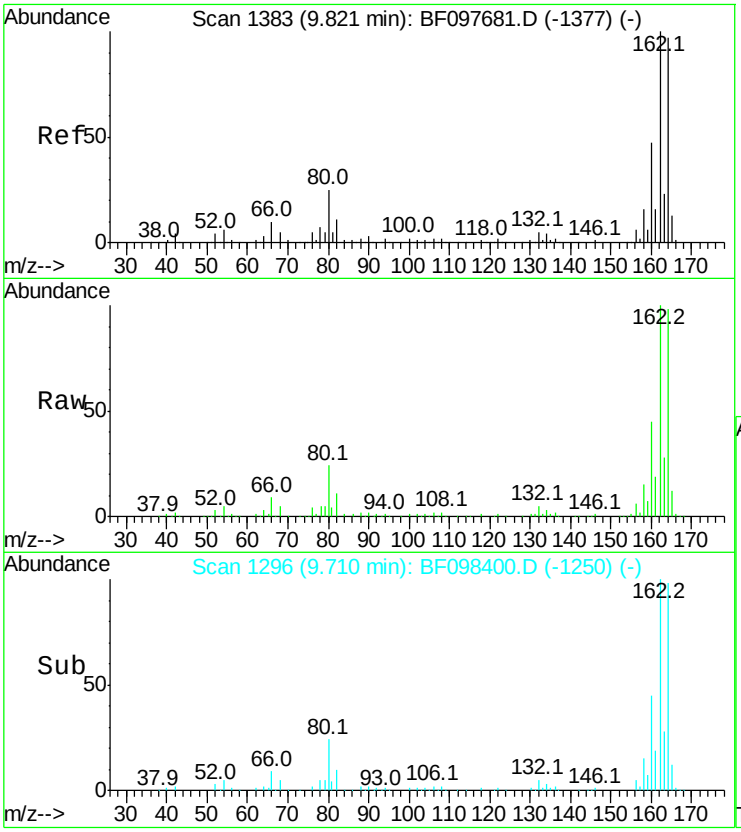


#37
2-Methylnaphthalene
Concen: 75.244 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:142 Resp: 876922

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.7	27.1	40.7



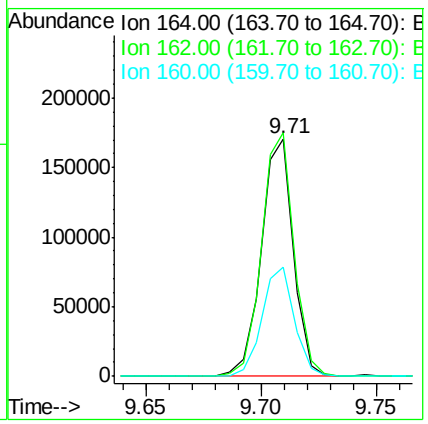


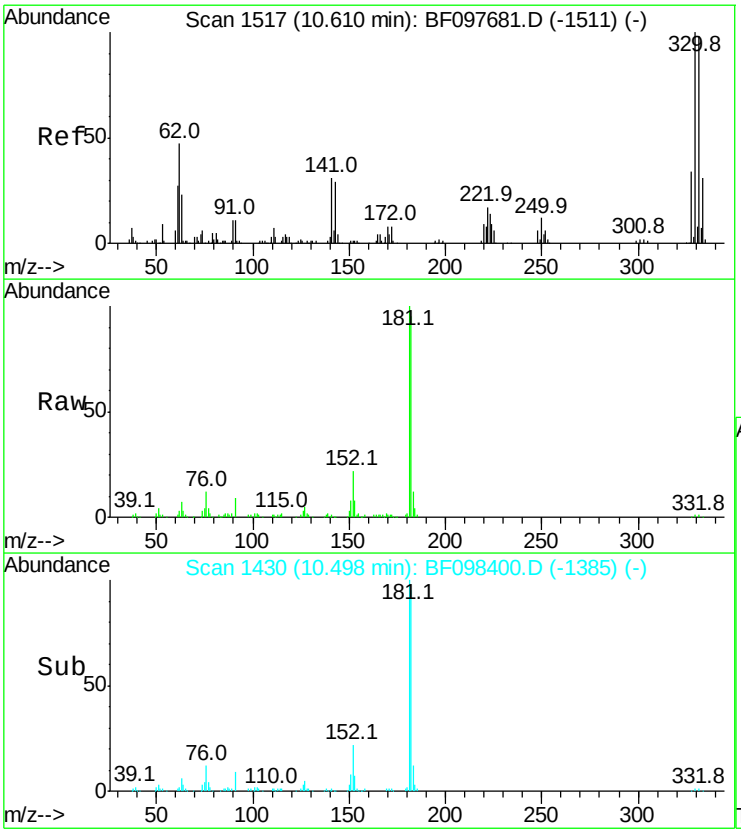
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164780

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.9	36.2	54.2

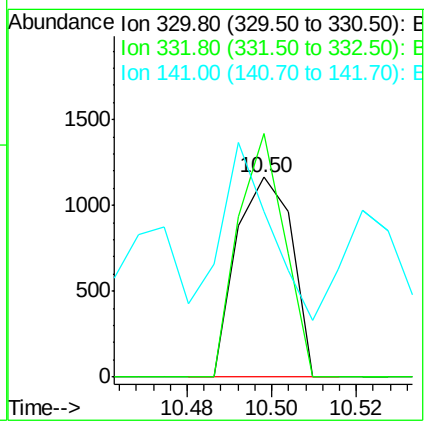


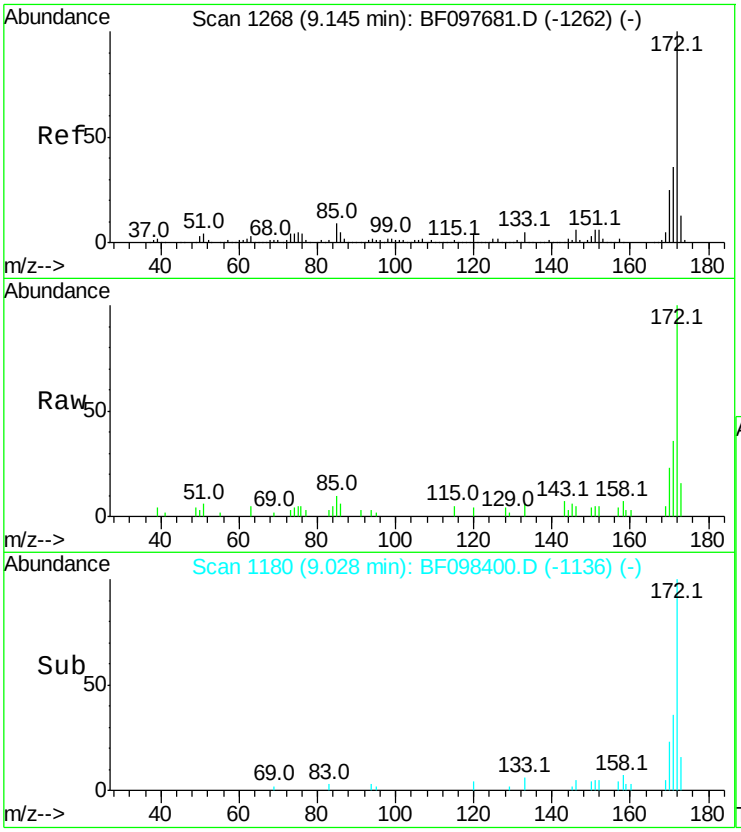


#41
2,4,6-Tribromophenol
Concen: 0.744 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:330 Resp: 1064

Ion	Ratio	Lower	Upper
330	100		
332	102.1	76.6	115.0
141	106.2	31.4	47.2#



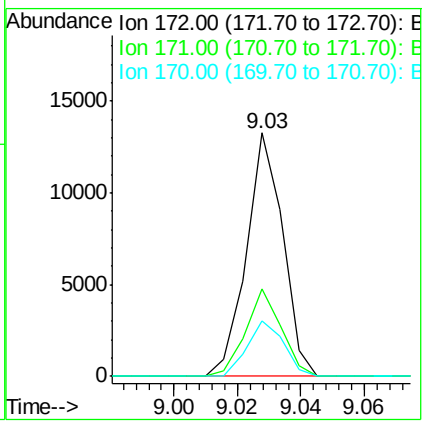


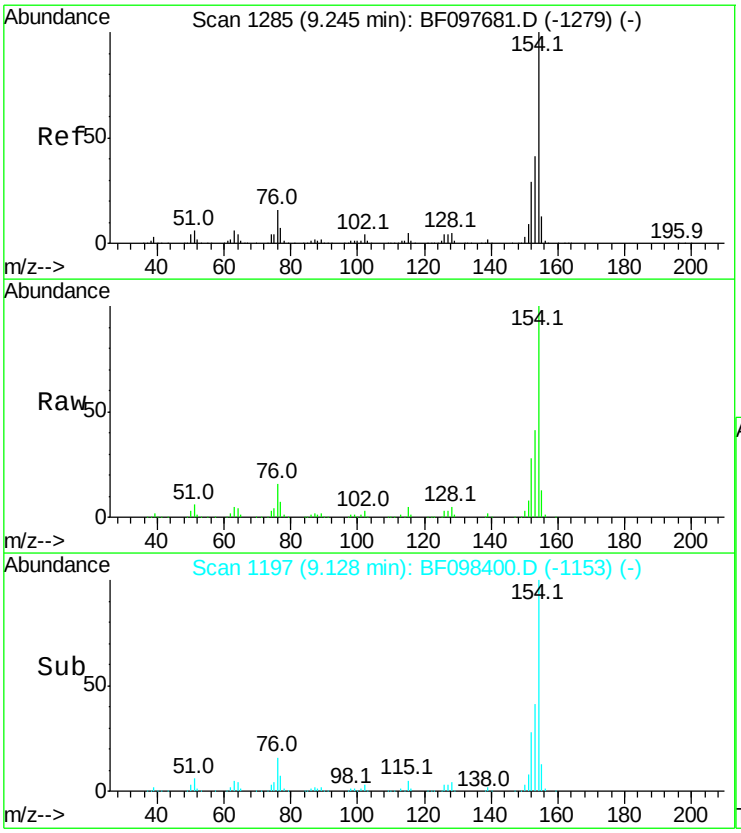
#44
2-Fluorobiphenyl
Concen: 0.942 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 10564

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	22.9	19.8	29.8

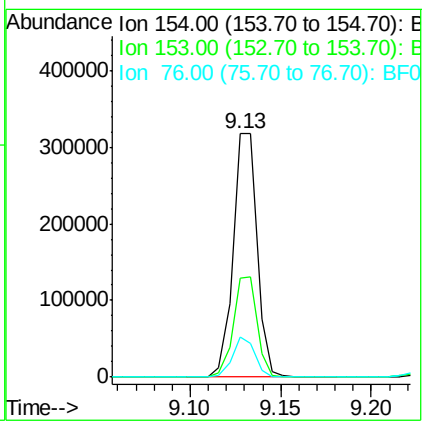


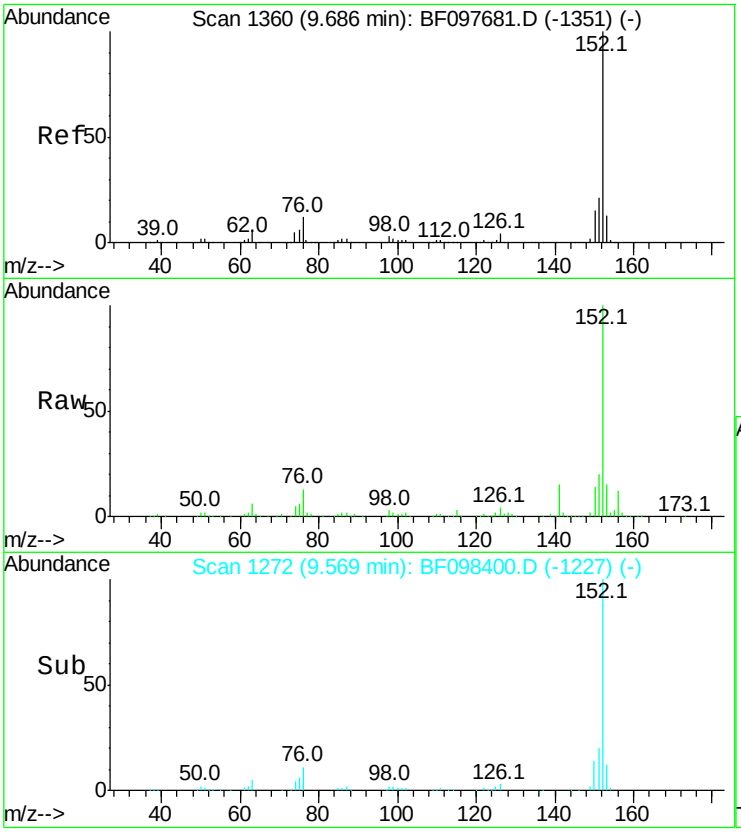


#45
1,1'-Biphenyl
Concen: 19.554 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:154 Resp: 293829

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	16.5	0.0	29.9



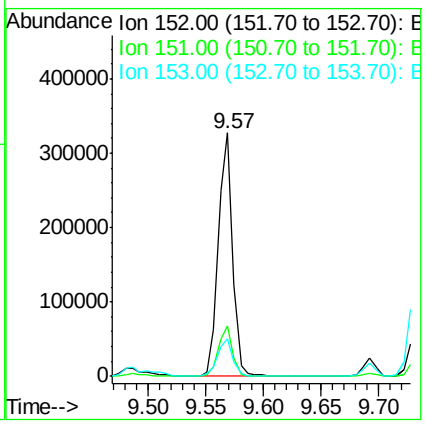


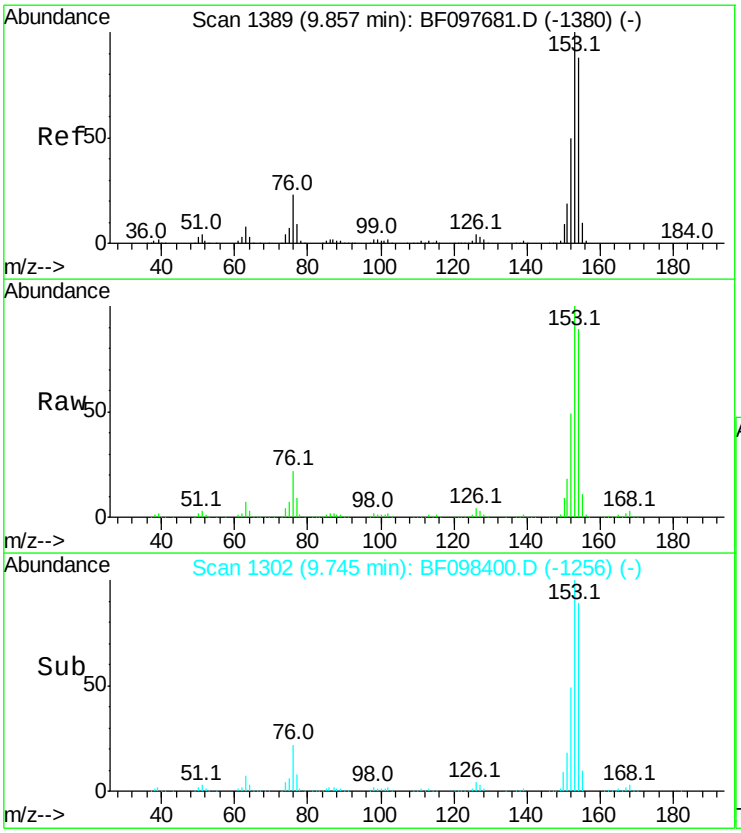
#48
Acenaphthylene
Concen: 16.262 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 283529

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	15.4	10.8	16.2

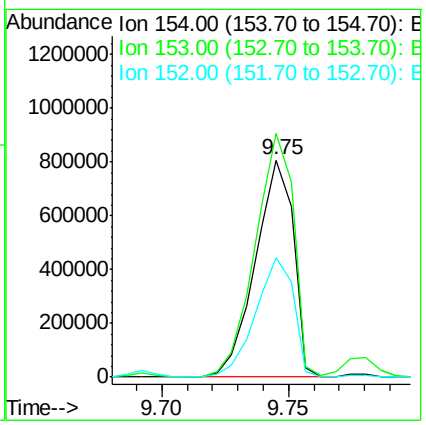


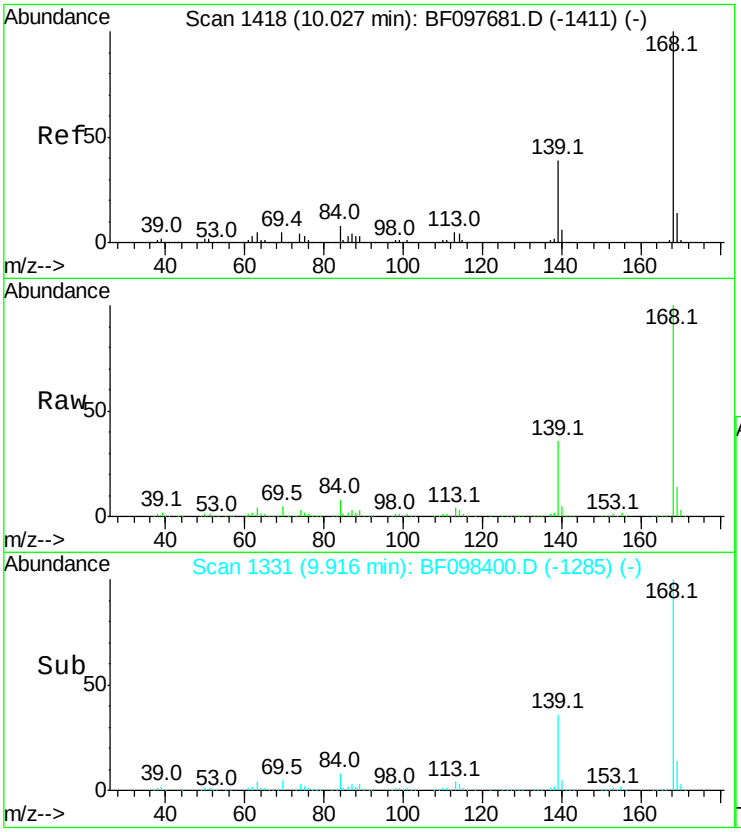


#51
Acenaphthene
Concen: 76.970 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:154 Resp: 846366

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.5	135.7
152	55.0	43.6	65.4



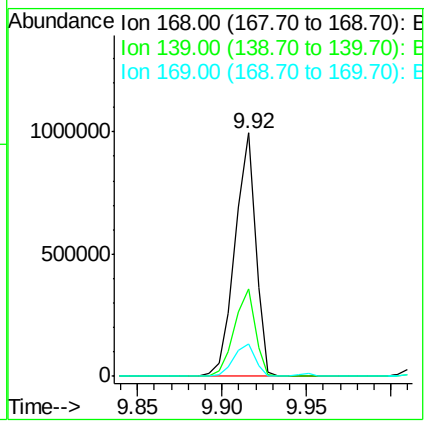


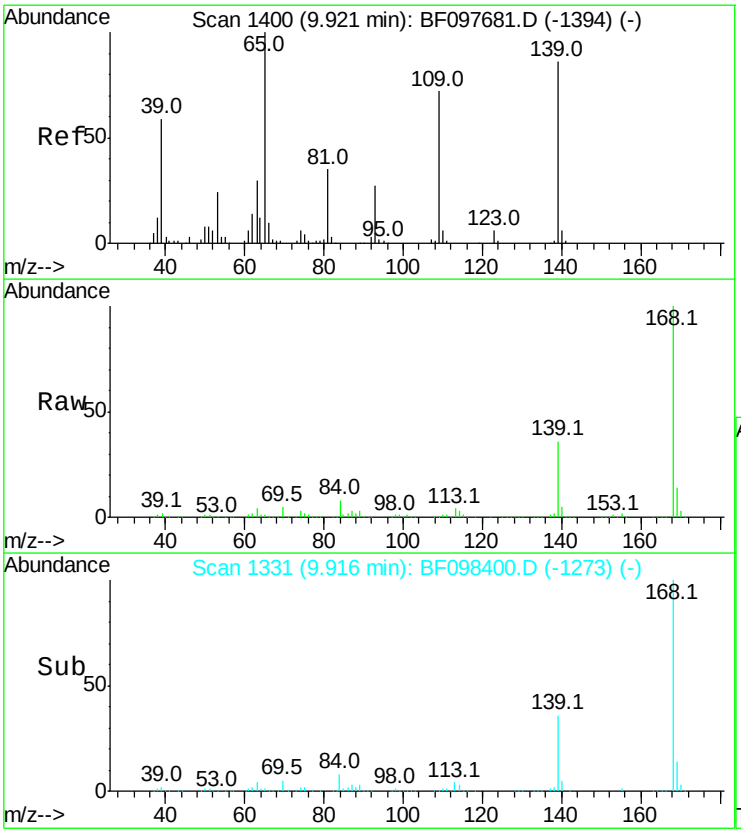
#54
Dibenzofuran
Concen: 57.355 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 845250

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.6	10.8	16.2

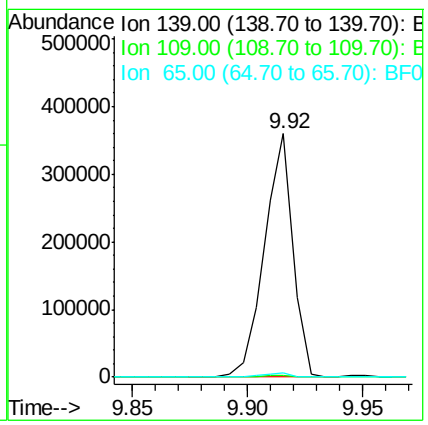


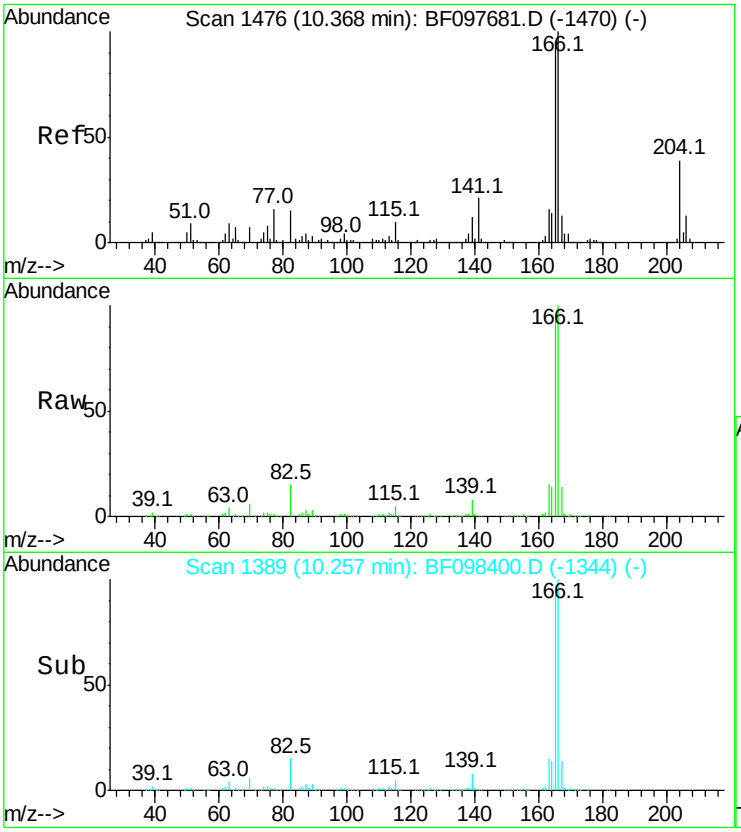


#55
4-Nitrophenol
Concen: 124.970 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:139 Resp: 309237

Ion	Ratio	Lower	Upper
139	100		
109	0.8	34.1	74.1#
65	1.5	31.4	71.4#



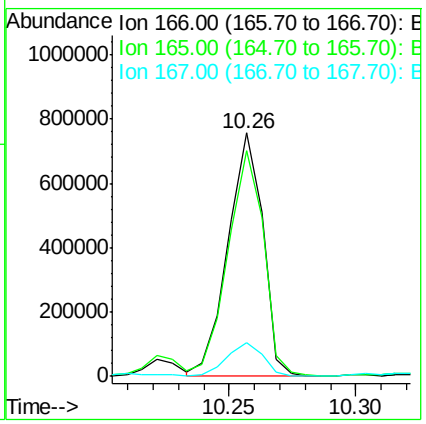


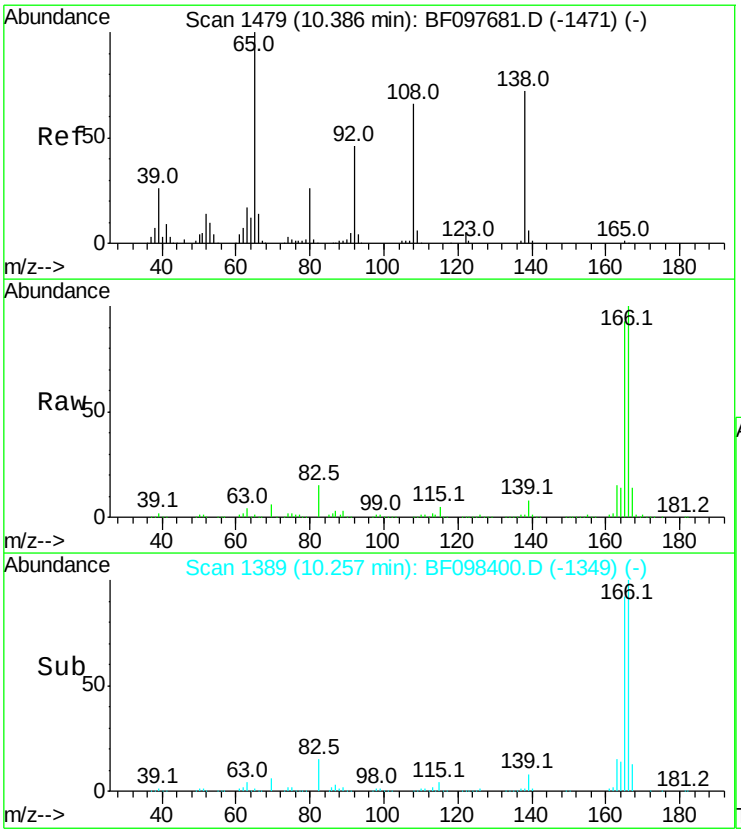
#57
Fluorene
Concen: 63.383 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 722184

Ion	Ratio	Lower	Upper
166	100		
165	92.9	78.8	118.2
167	13.7	10.6	16.0

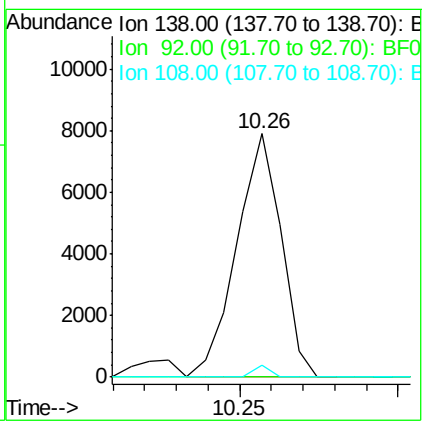


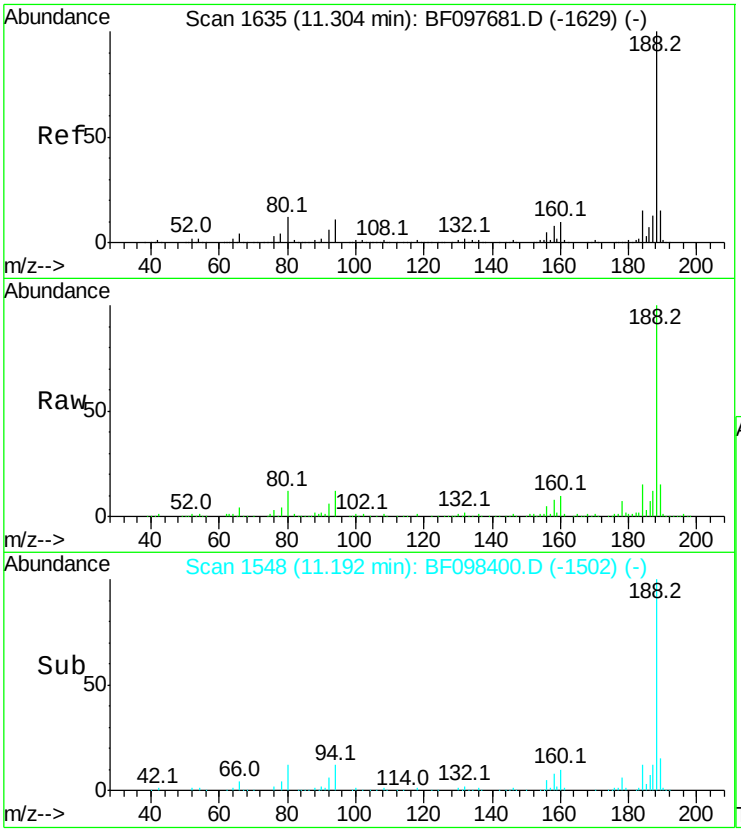


#61
4-Nitroaniline
Concen: 2.599 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.06 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:138 Resp: 7663

Ion	Ratio	Lower	Upper
138	100		
92	0.0	21.8	61.8#
108	4.7	42.3	82.3#



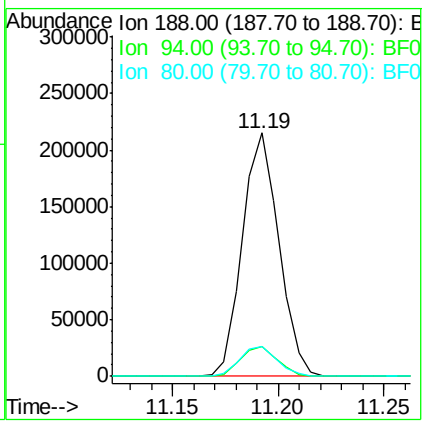


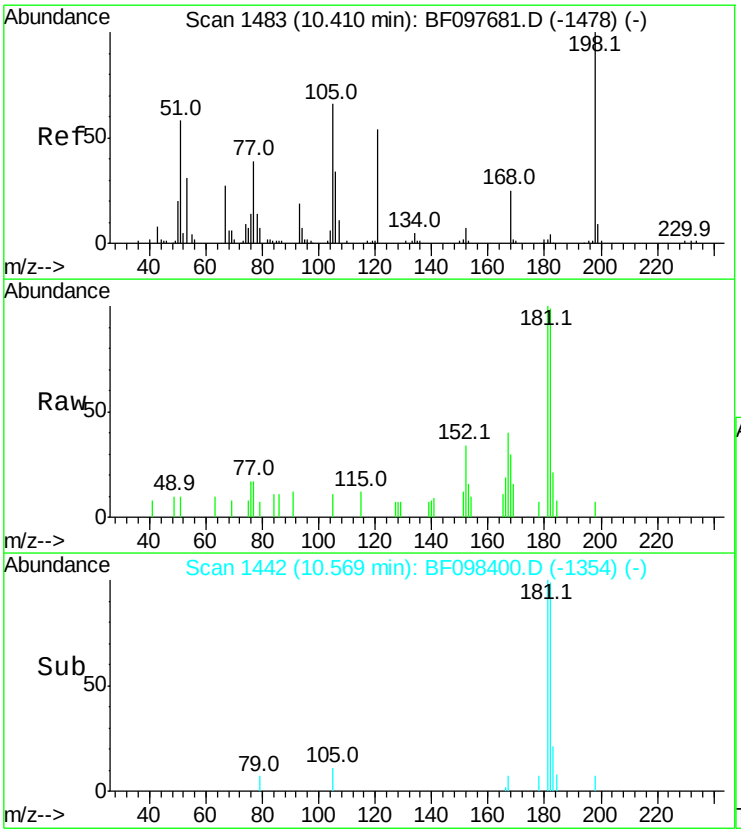
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 258785

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.1	10.2	15.2

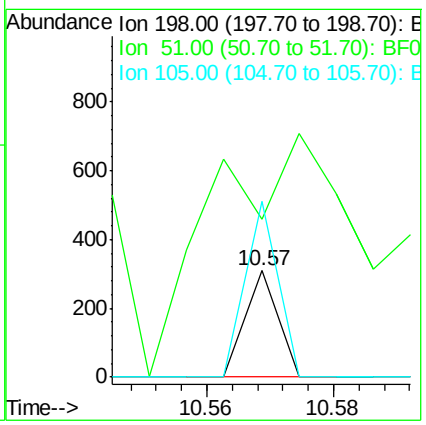


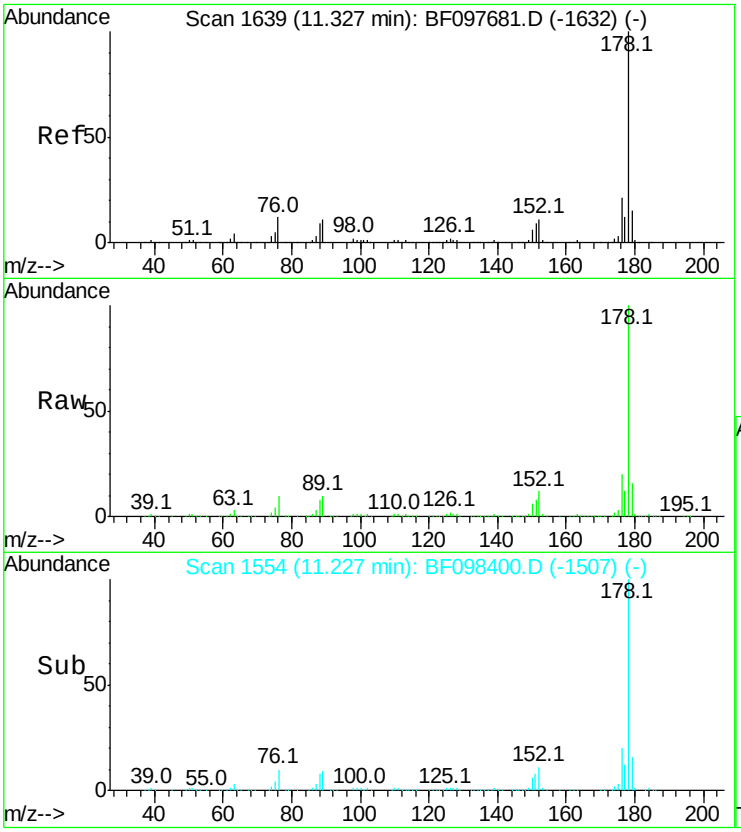


#64
4,6-Dinitro-2-methylphenol
Concen: 8.395 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.22 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	148.5	53.2	93.2#
105	166.0	45.8	85.8#



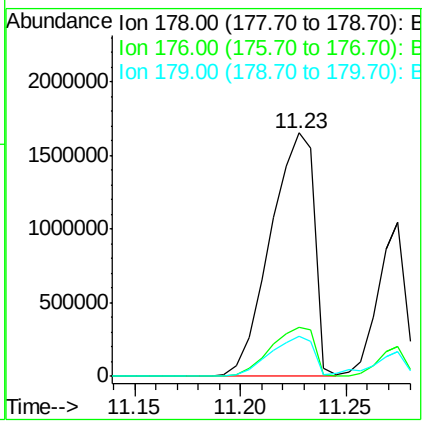


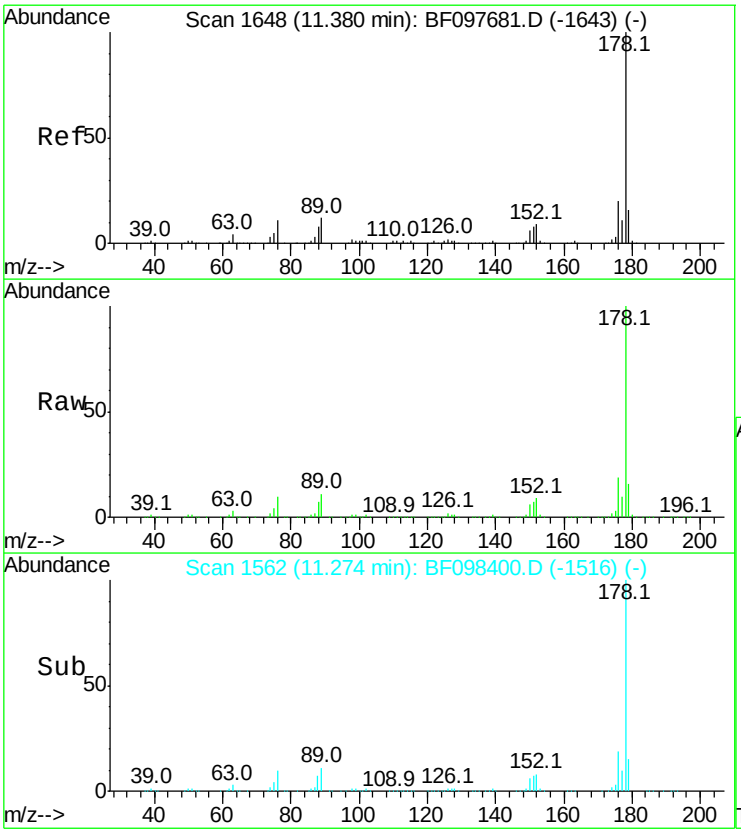
#70
Phenanthrene
Concen: 173.773 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2396318

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.6	19.0

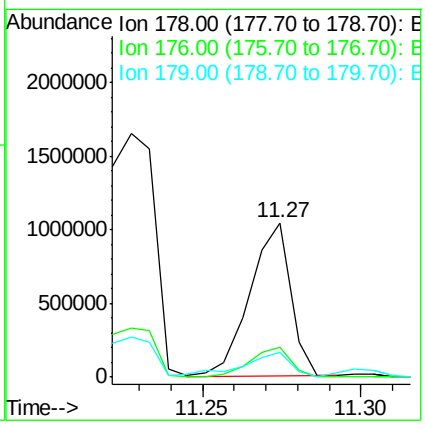


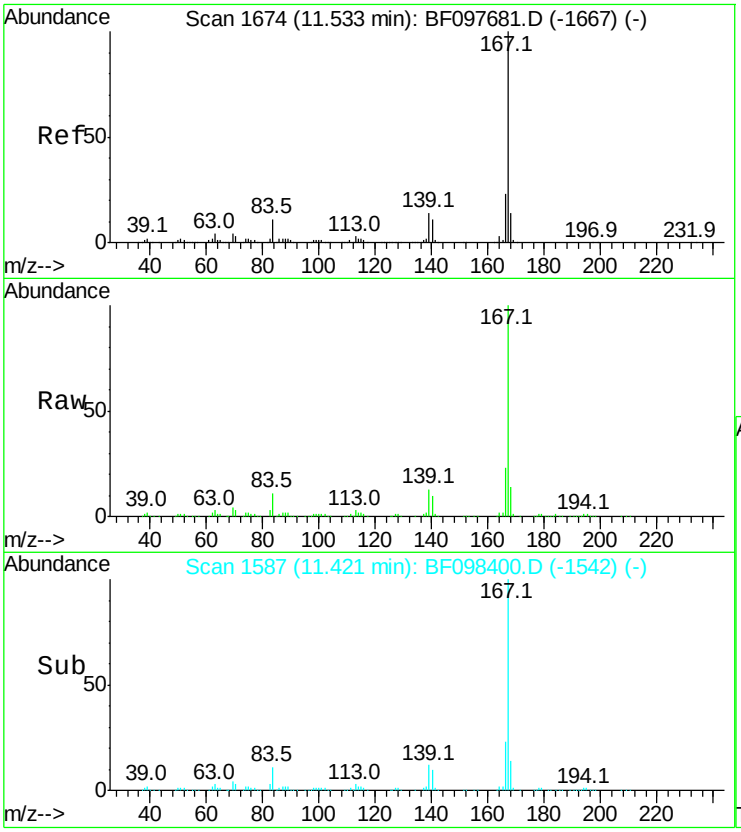


#71
Anthracene
Concen: 66.062 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:178 Resp: 923993

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	12.7	19.1



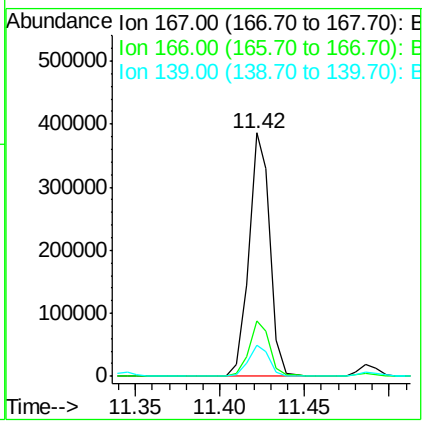


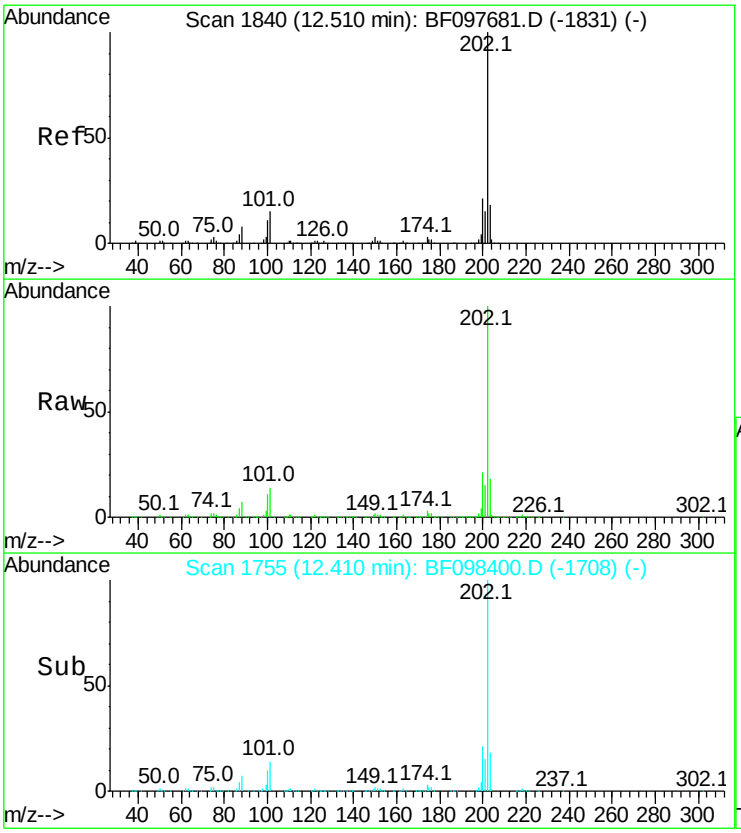
#72
Carbazole
Concen: 25.291 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 335767

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	12.6	11.7	17.5

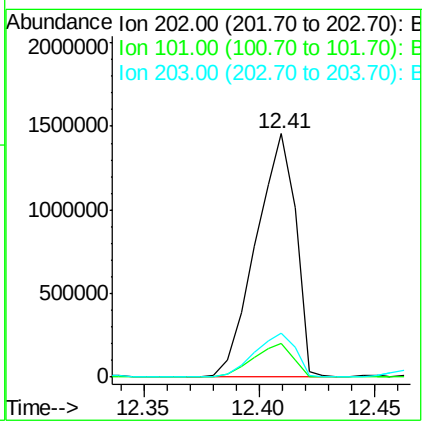


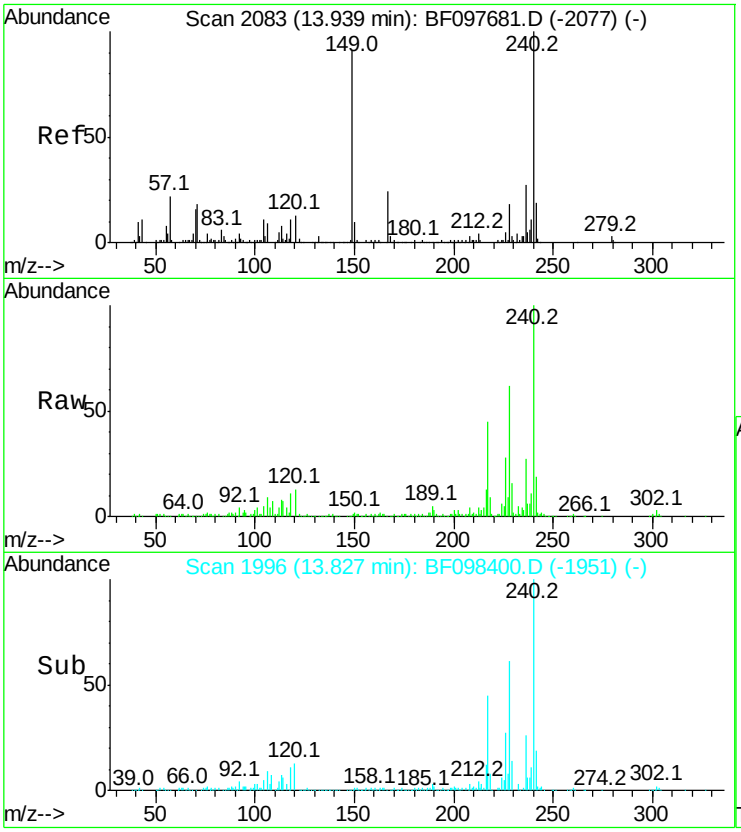


#74
Fluoranthene
Concen: 121.029 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:202 Resp: 1742024

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.0	0.0	38.1



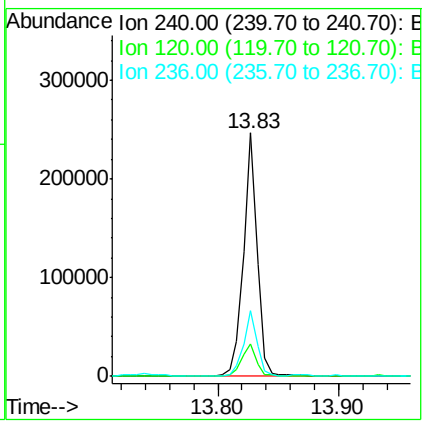


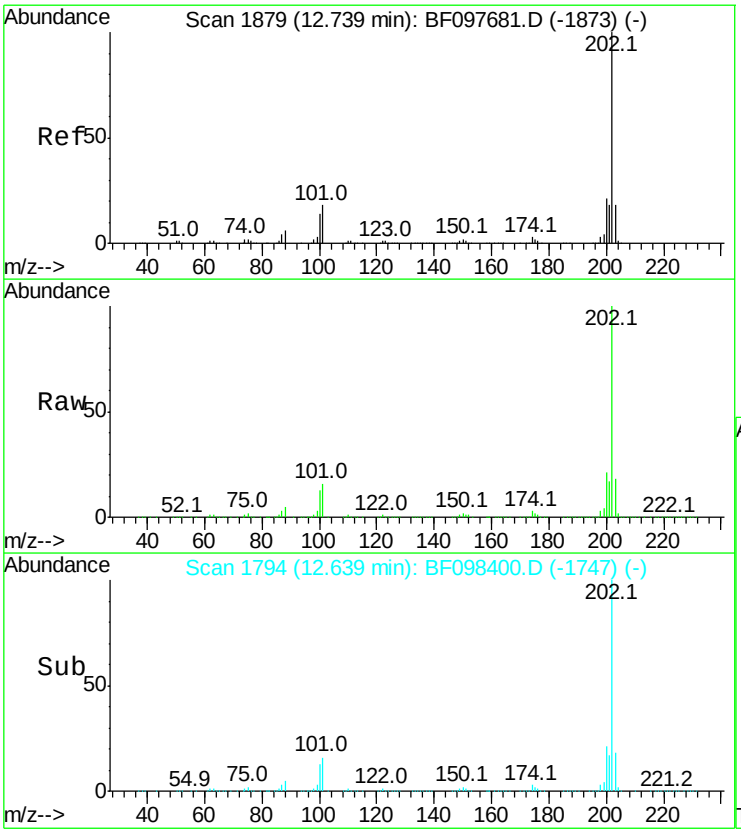
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 195912

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	26.9	20.5	30.7

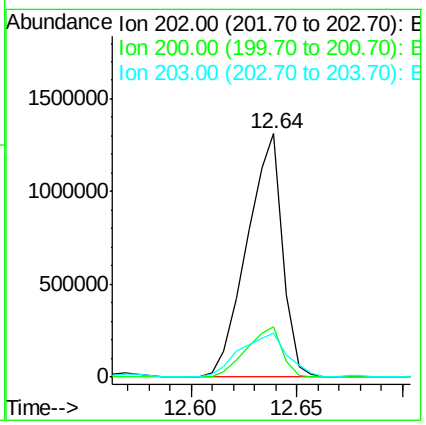


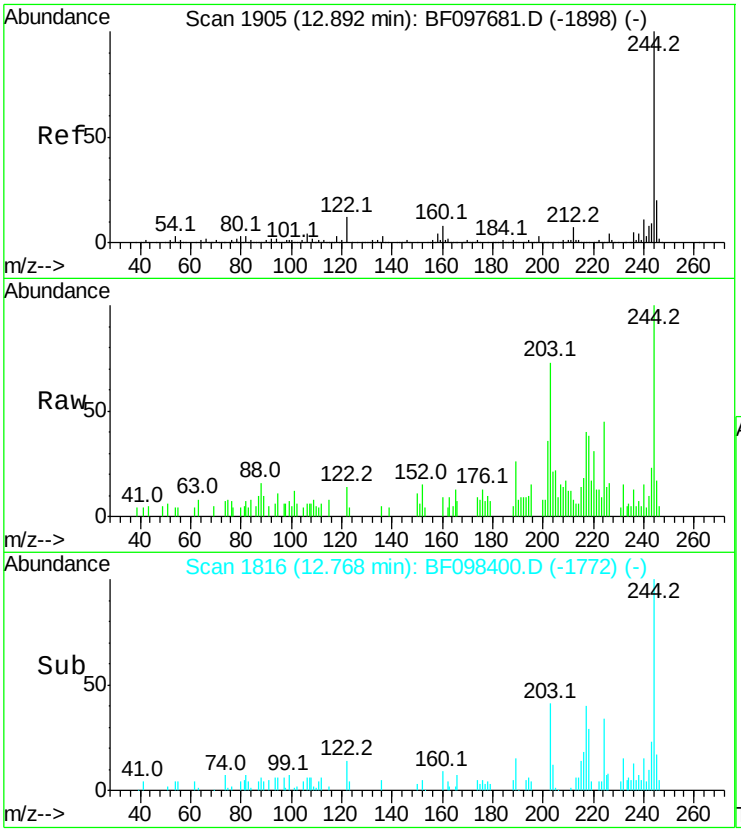


#77
Pyrene
Concen: 95.224 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:202 Resp: 1525801

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.1	14.4	21.6



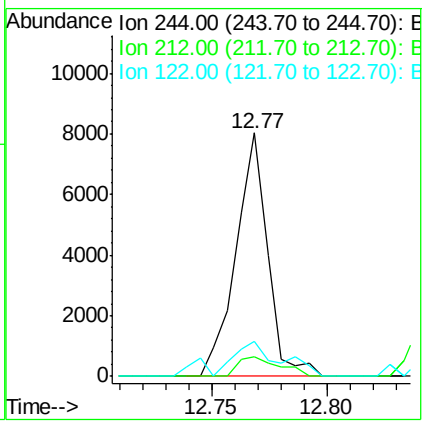


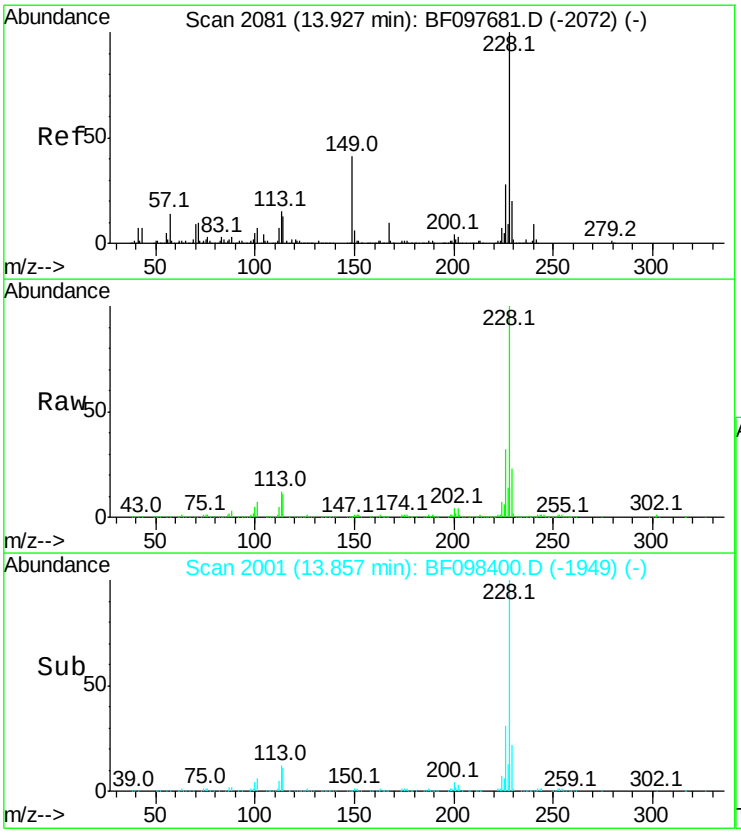
#78
Terphenyl-d14
Concen: 0.820 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7708

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	14.2	10.3	15.5

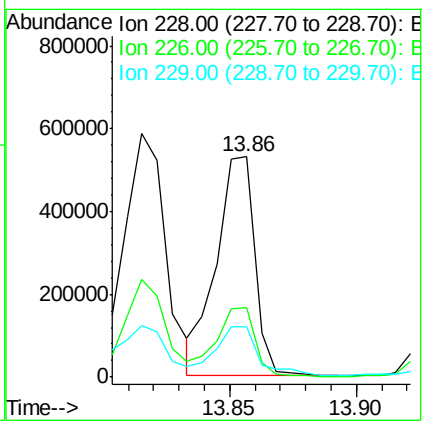


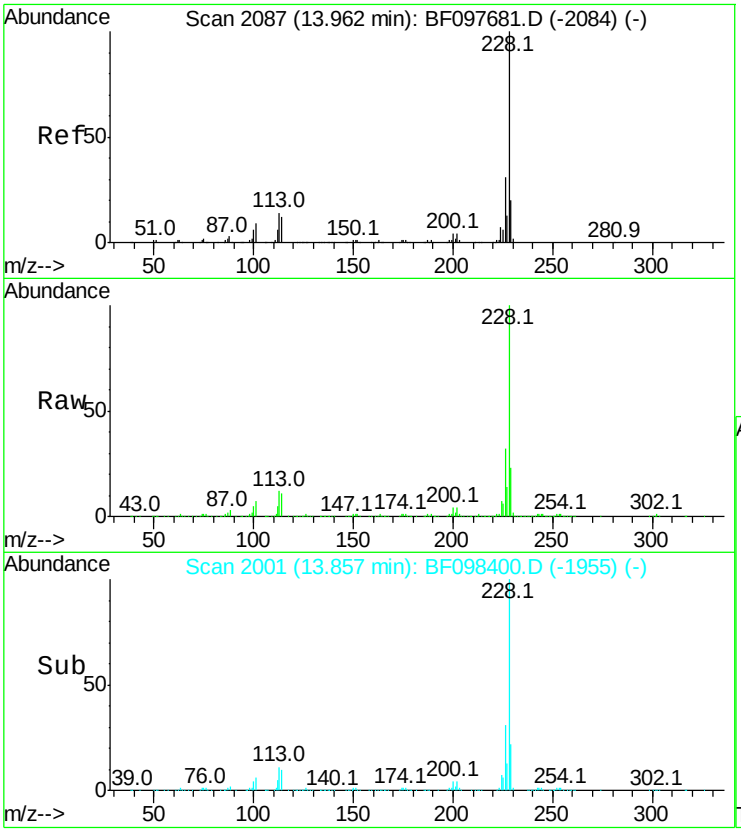


#80
Benzo(a)anthracene
Concen: 47.856 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:228 Resp: 561916

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	22.7	16.3	24.5



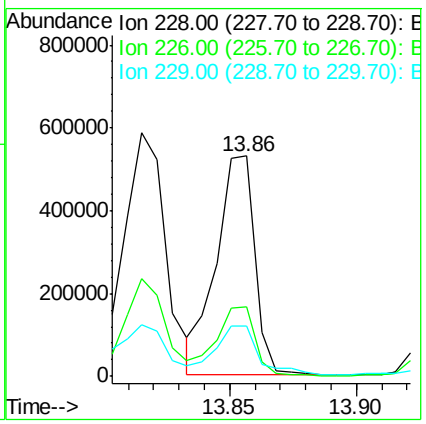


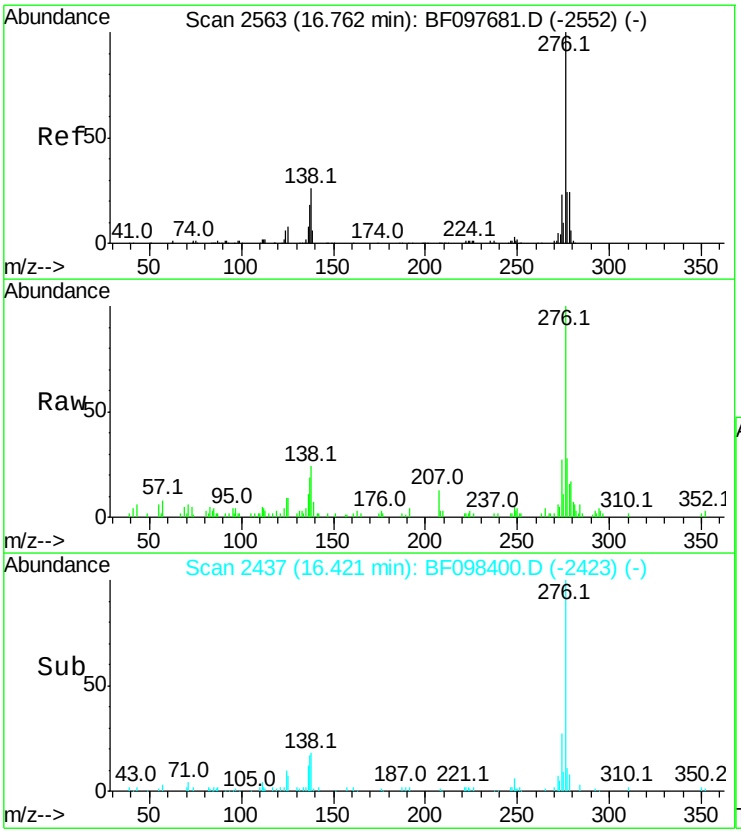
#82
Chrysene
Concen: 48.108 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 561916

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	22.7	15.8	23.6

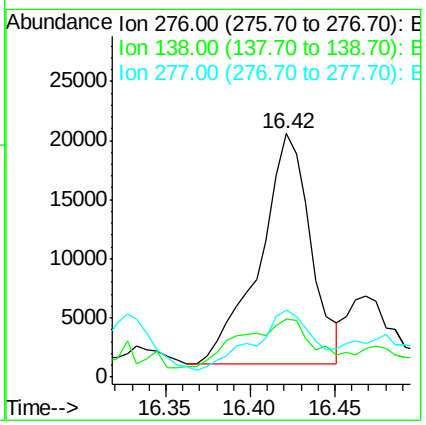


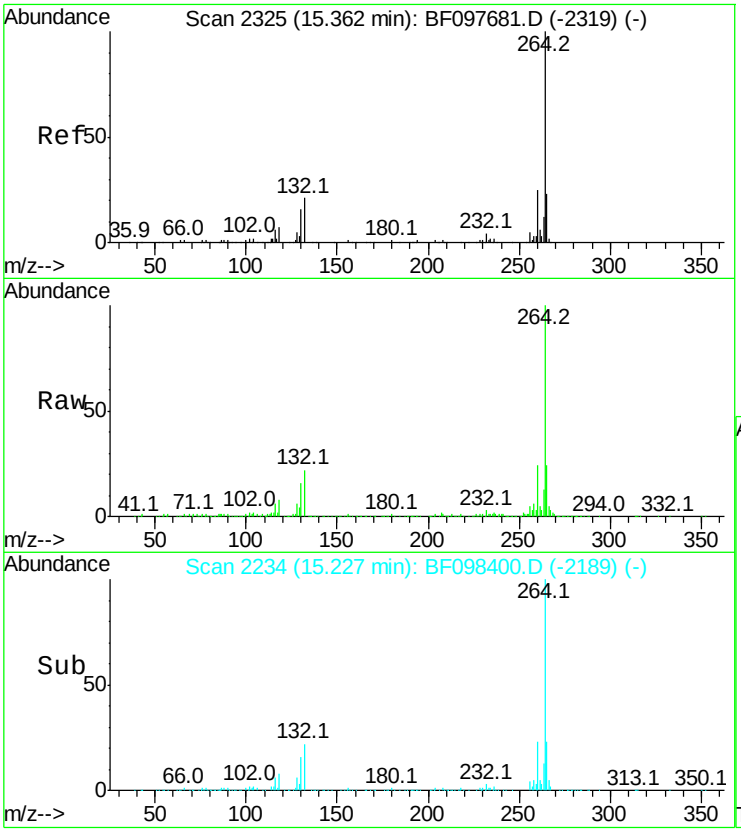


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.752 ng
RT: 16.42 min Scan# 2437
Delta R.T. -0.22 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:276 Resp: 40834

Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	28.4	20.2	30.4



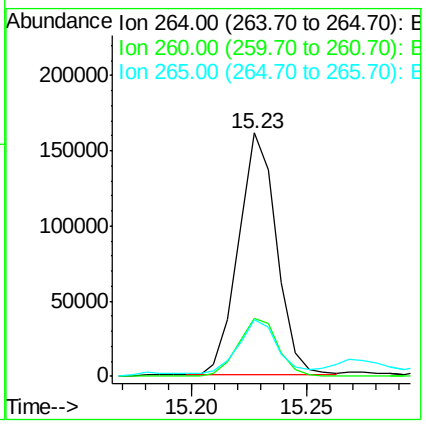


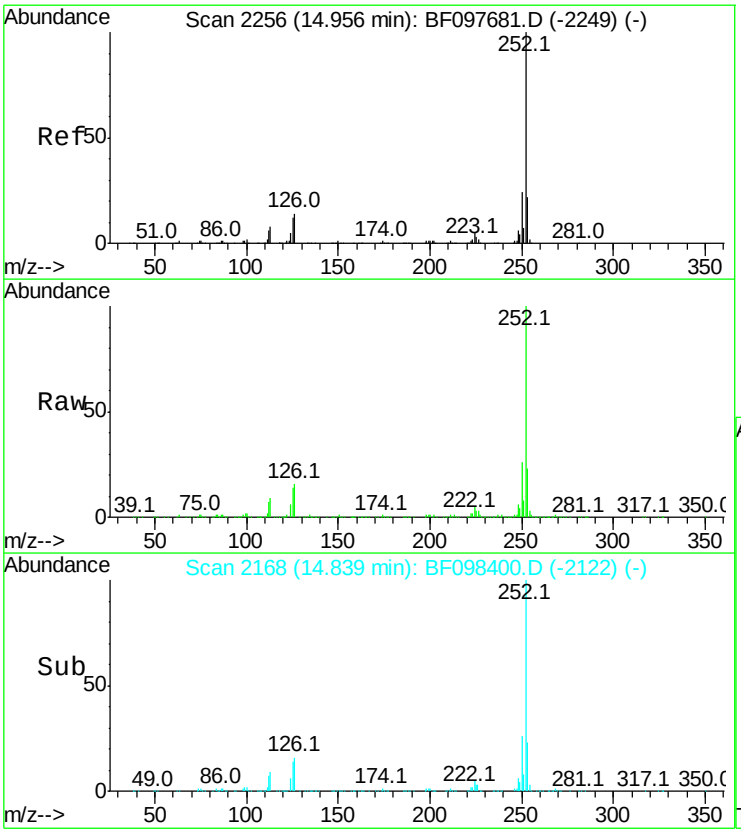
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 186227

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	23.5	17.2	25.8

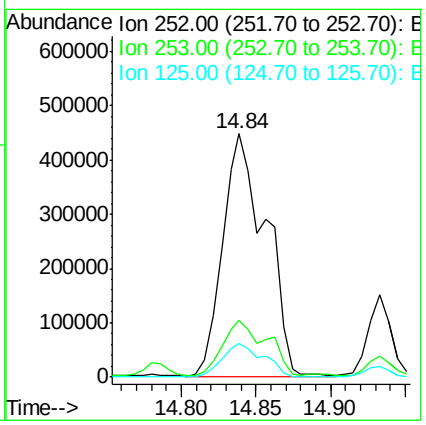


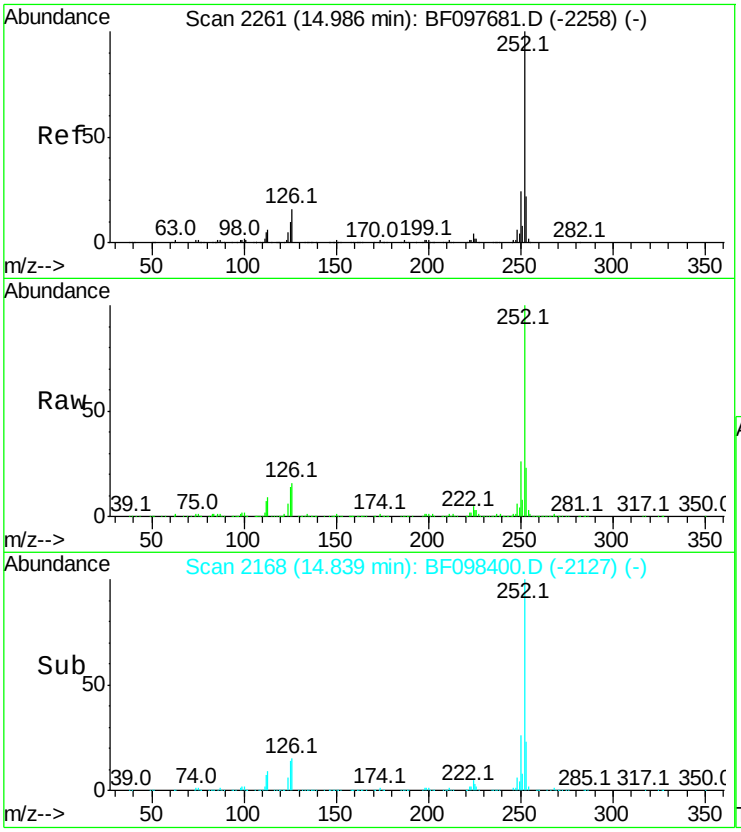


#87
Benzo(b)fluoranthene
Concen: 76.407 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:252 Resp: 896898

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.9	9.8	14.8



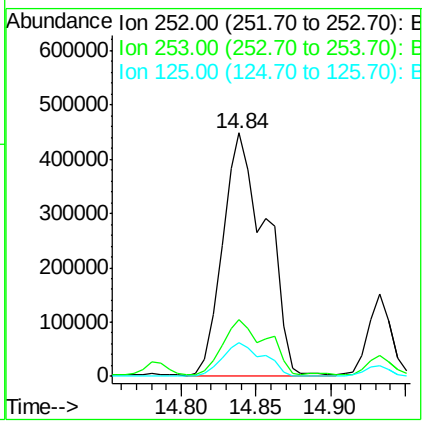


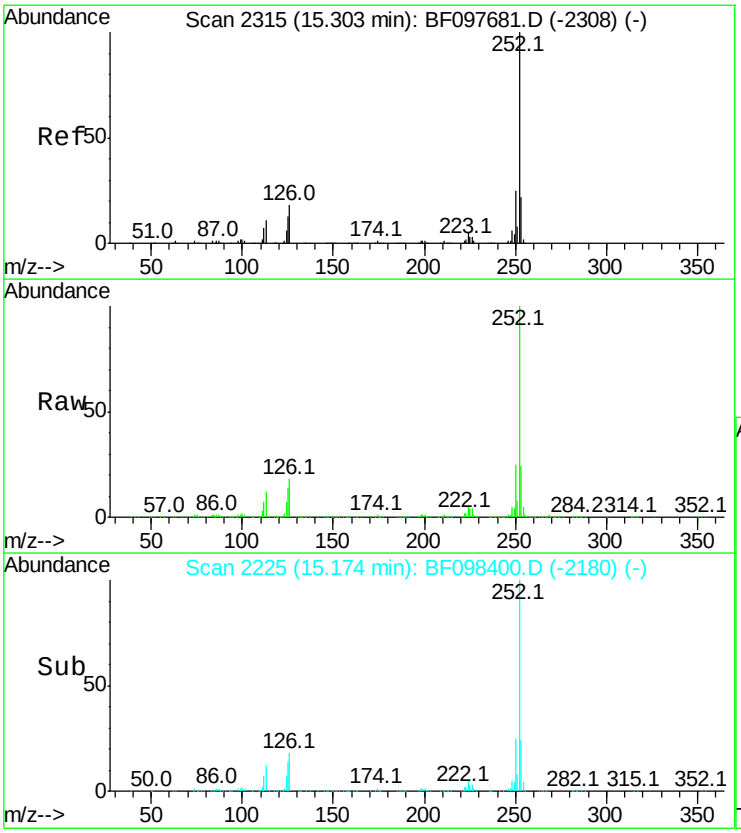
#88
Benzo(k)fluoranthene
Concen: 81.327 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 896898

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	13.9	13.1	19.7

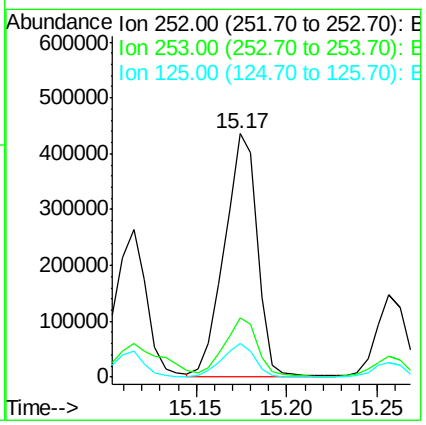


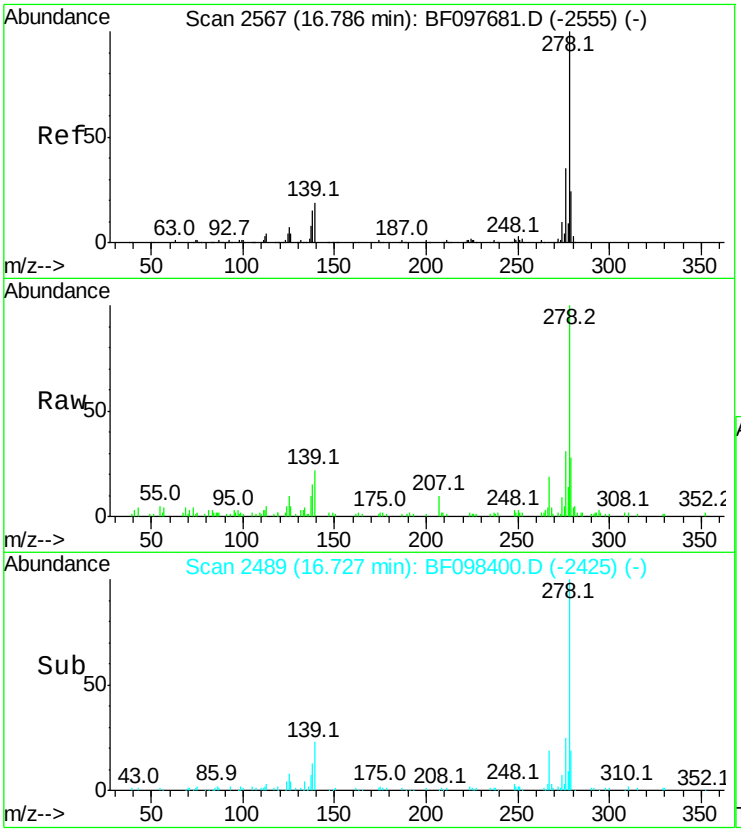


#89
Benzo(a)pyrene
Concen: 52.474 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:252 Resp: 545300

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	13.8	11.0	16.4



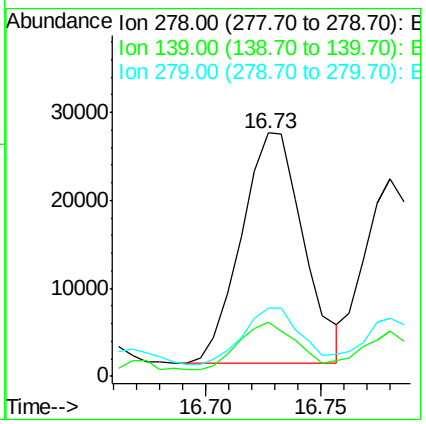


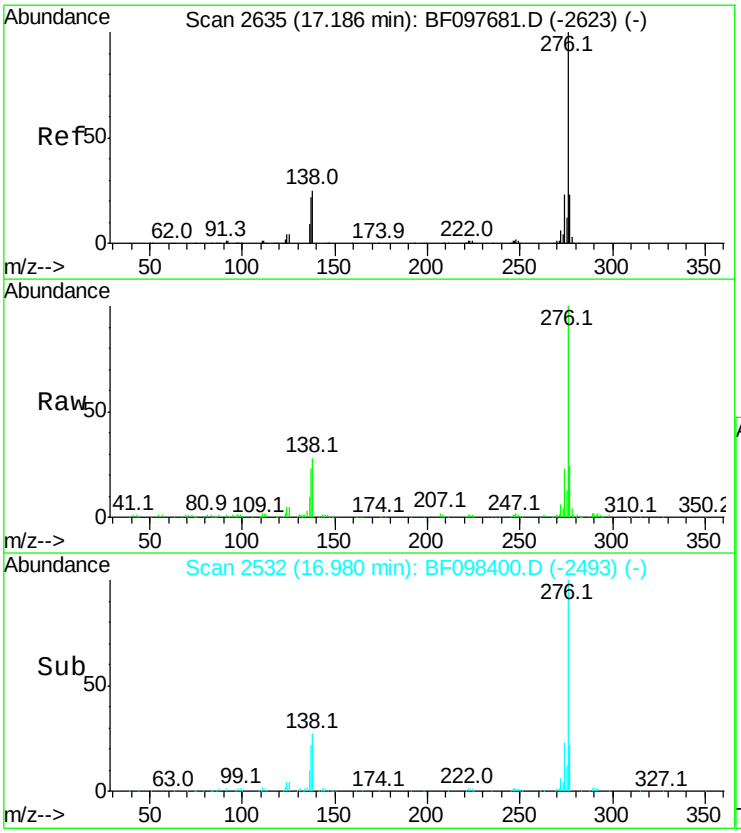
#90
Dibenzo(a,h)anthracene
Concen: 5.838 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.08 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 49389

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	27.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 25.500 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.07 min
Lab File: BF098400.D
Acq: 9 Sep 2017 21:54

Tgt Ion:276 Resp: 225103

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	28.4	25.4	38.0