Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082159.D
Acq On : 9 Oct 2015 22:15
Operator : UM/IZ
Sample : G3921-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 22:54:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101715	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	380079	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	170048	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	244915	20.00	ng		0.01
75) Chrysene-d12	14.05	240	177907	20.00	ng		0.01
86) Perylene-d12	15.49	264	164323	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	532637	95.06	ng		0.01
7) Phenol-d6	6.49	99	754418	107.00	ng		0.00
23) Nitrobenzene-d5	7.42	82	410880	72.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	122929	71.38	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	628285	58.13	ng		-0.01
78) Terphenyl-d14	12.97	244	431926	76.20	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.42	117	5751	2.41	ng	#	5
19) n-Nitroso-di-n-propylamine	7.42	70	55424	12.93	ng	#	59
31) Naphthalene	8.16	128	658447	39.10	ng		97
32) Benzoic acid	7.93	122	7888	9.48	ng	#	26
33) 4-Chloroaniline	8.16	127	87813	12.06	ng	#	35
37) 2-Methylnaphthalene	8.86	142	272940	23.74	ng	#	94
45) 1,1'-Biphenyl	9.31	154	119931	9.14	ng		96
49) Dimethylphthalate	9.61	163	156230	13.31	ng	#	97
51) Acenaphthene	9.93	154	552455	56.43	ng		89
53) 2,4-Dinitrophenol	10.18	184	212	Below Cal		#	1
55) 4-Nitrophenol	10.10	139	253946	119.21	ng	#	28
57) Fluorene	10.45	166	683065	70.22	ng		92
64) 4,6-Dinitro-2-methylphenol	10.72	198	1214	2.49	ng	#	1
65) n-Nitrosodiphenylamine	10.53	169	49425	6.67	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	7527	3.05	ng	#	1
70) Phenanthrene	11.47	178	1509877	131.30	ng		94
71) Anthracene	11.47	178	1509877	121.29	ng		94
72) Carbazole	11.62	167	455387	40.42	ng		96
74) Fluoranthene	12.62	202	3606424	274.88	ng		90
77) Pyrene	12.85	202	3043690	286.38	ng	#	89
80) Benzo(a)anthracene	14.04	228	1609793	168.04	ng		93
81) 3,3'-Dichlorobenzidine	14.07	252	15455	4.78	ng	#	1
82) Chrysene	14.04	228	1609793	Below Cal			94
83) Bis(2-ethylhexyl)phthalate	14.01	149	38091	7.59	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	519960	69.38	ng	#	82
87) Benzo(b)fluoranthene	15.08	252	1659084	176.84	ng	#	86
88) Benzo(k)fluoranthene	15.08	252	1659084	192.94	ng	#	87
89) Benzo(a)pyrene	15.43	252	924097	113.55	ng	#	85
90) Dibenzo(a,h)anthracene	16.93	278	104480	15.30	ng	#	77
91) Benzo(g,h,i)perylene	17.35	276	475841	68.01	ng	#	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082159.D
Acq On : 9 Oct 2015 22:15
Operator : UM/IZ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 22:54:44 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
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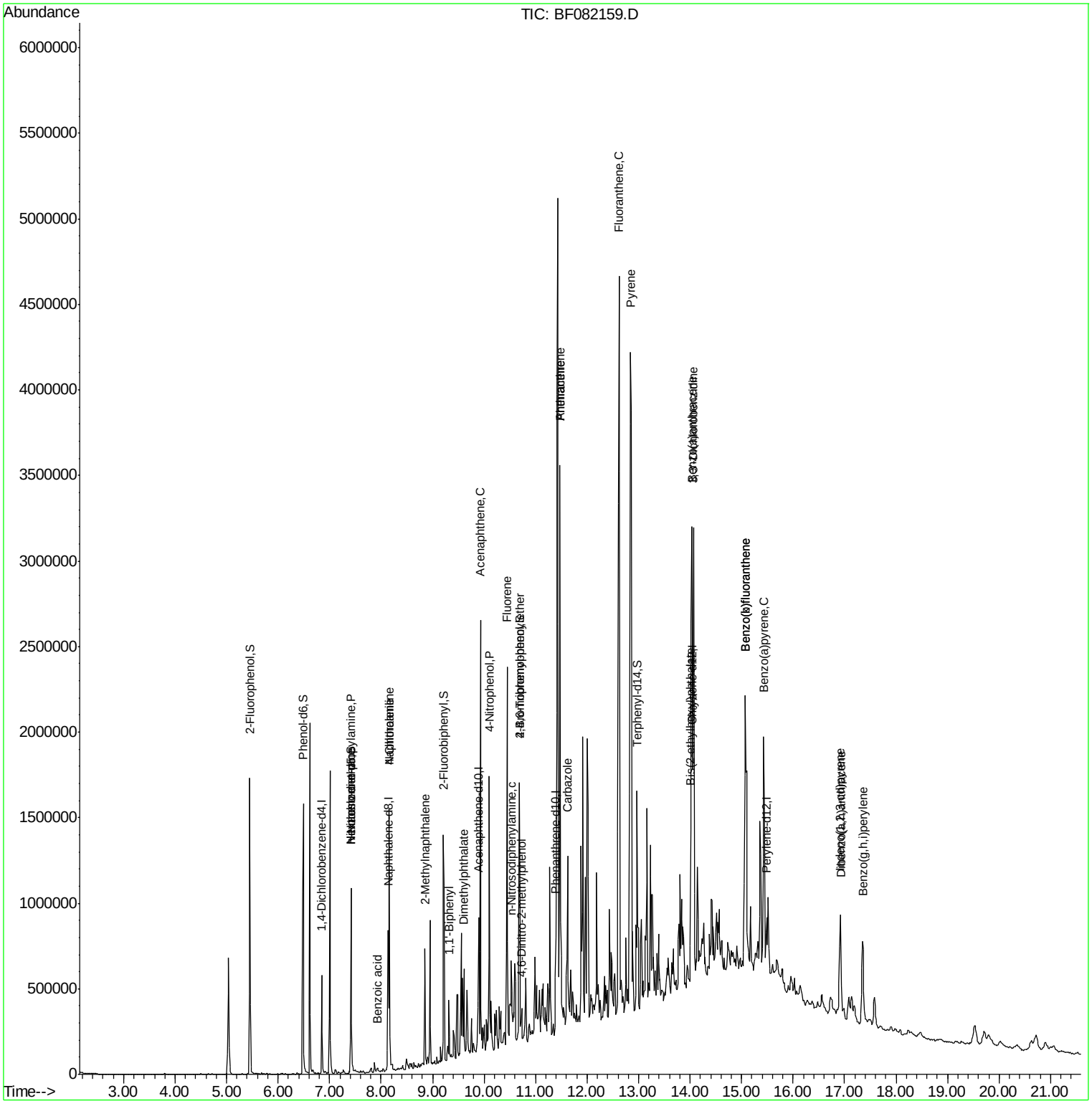
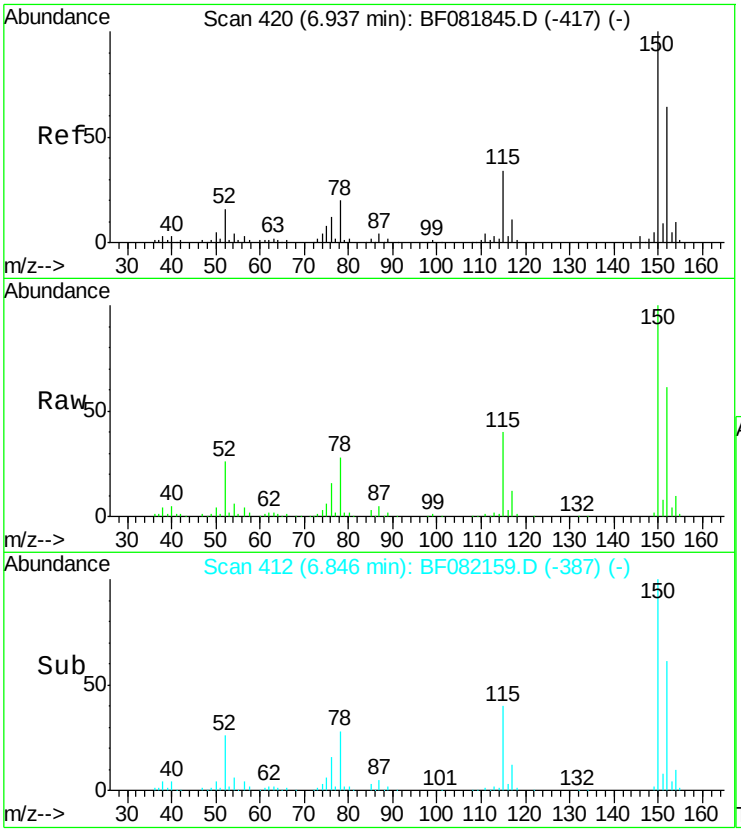


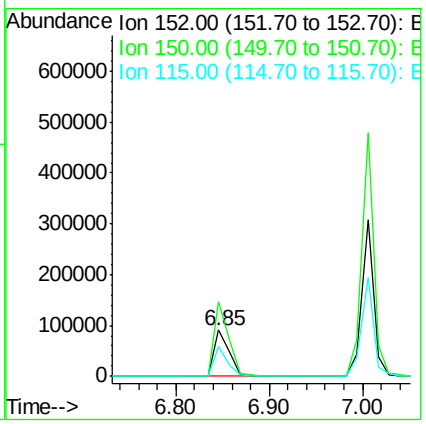


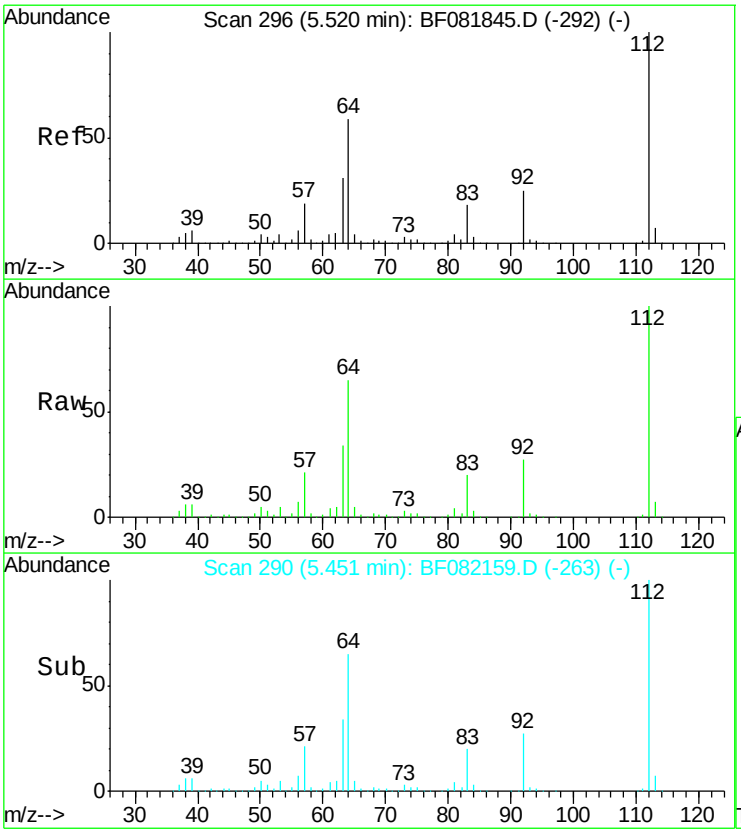
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101715

Ion	Ratio	Lower	Upper
152	100		
150	163.3	124.7	187.1
115	65.9	39.0	58.4#

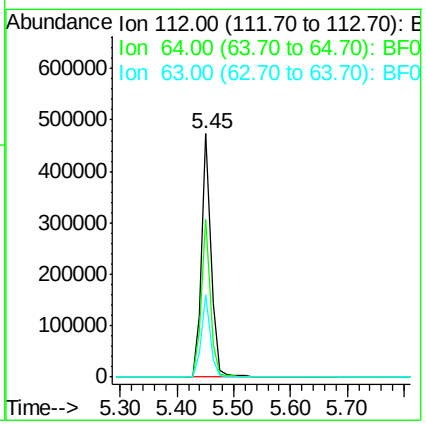


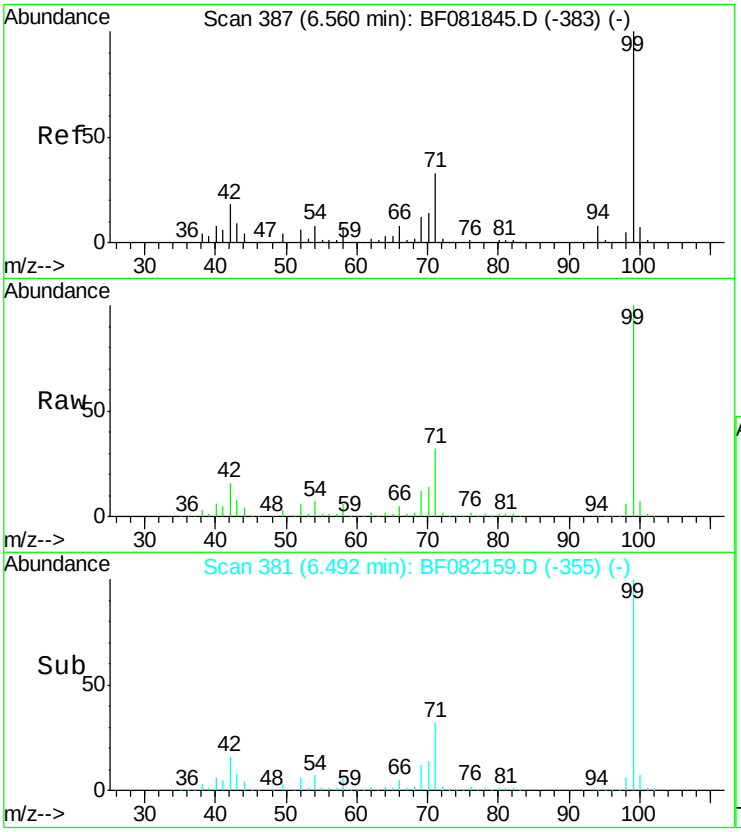


#5
2-Fluorophenol
Concen: 95.06 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:112 Resp: 532637

Ion	Ratio	Lower	Upper
112	100		
64	64.8	39.7	59.5#
63	34.0	17.4	26.0#



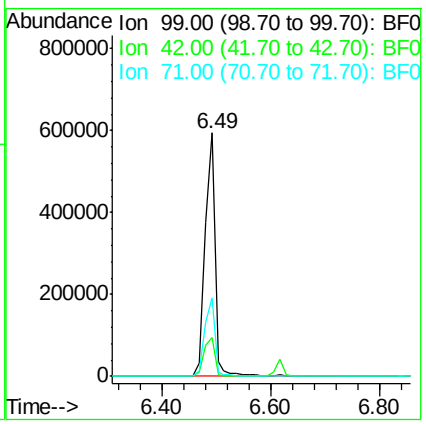


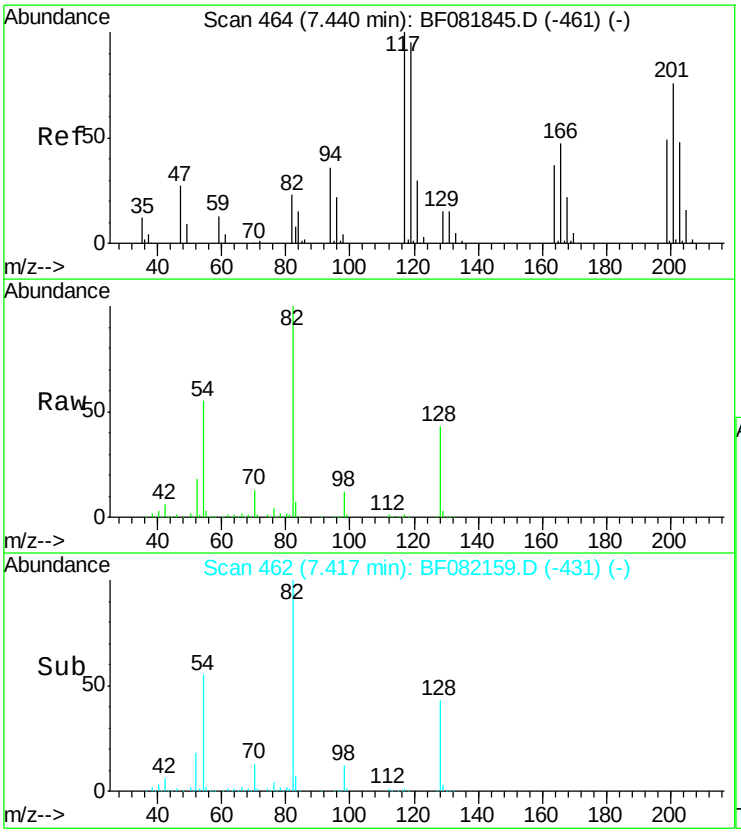
#7
Phenol-d6
Concen: 107.00 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 754418

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.7	20.5
71	32.4	14.2	21.2#

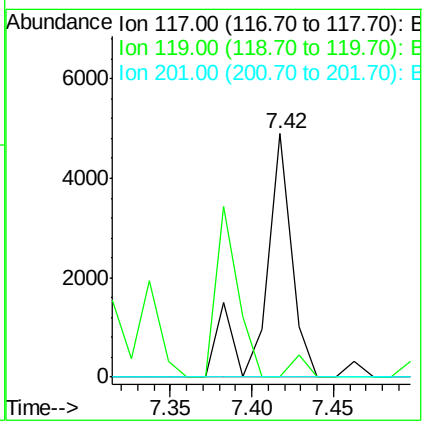


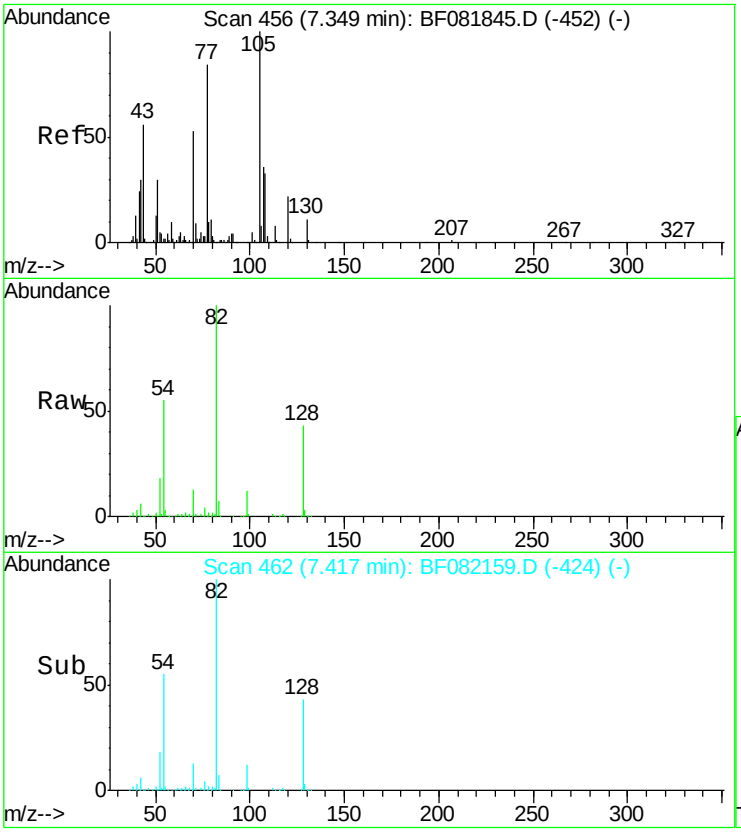


#18
Hexachloroethane
Concen: 2.41 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.06 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:117 Resp: 5751

Ion	Ratio	Lower	Upper
117	100		
119	0.0	83.8	125.6#
201	0.0	55.1	82.7#



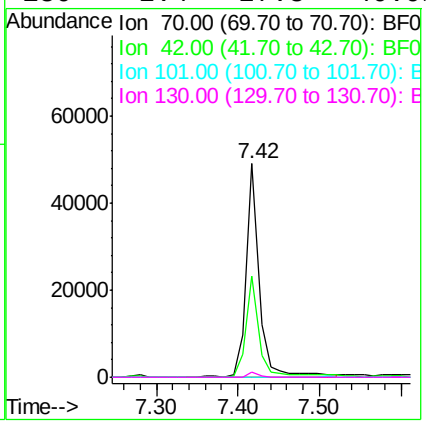


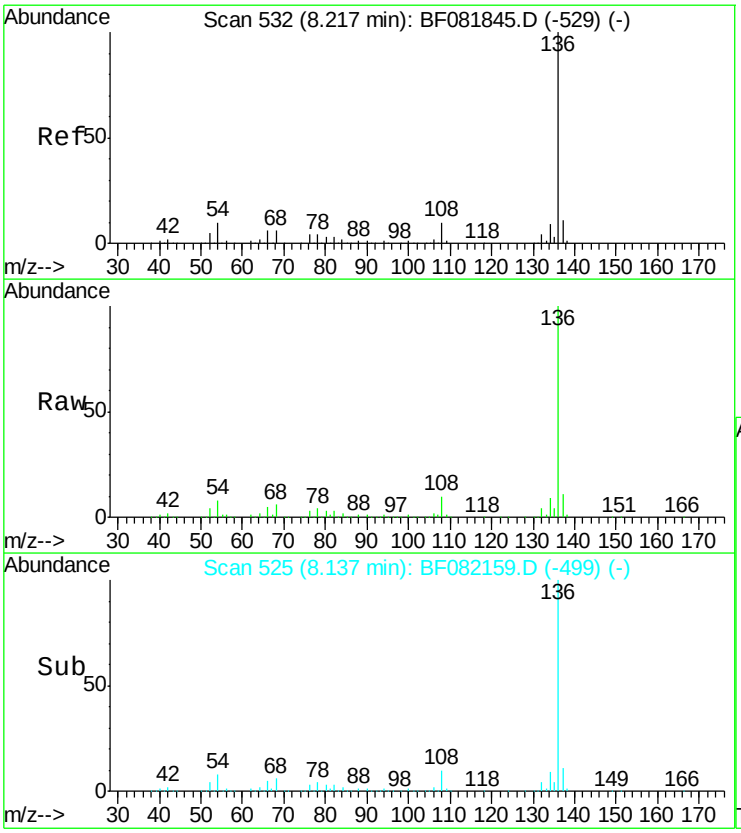
#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 55424

Ion	Ratio	Lower	Upper
70	100		
42	47.7	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#

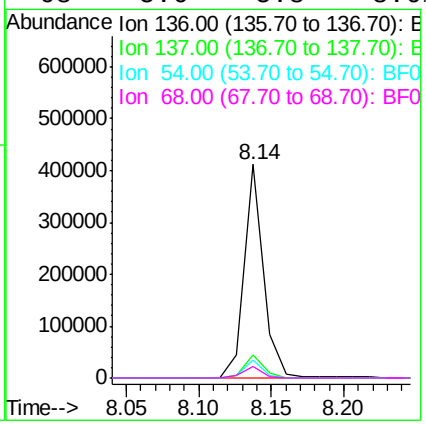


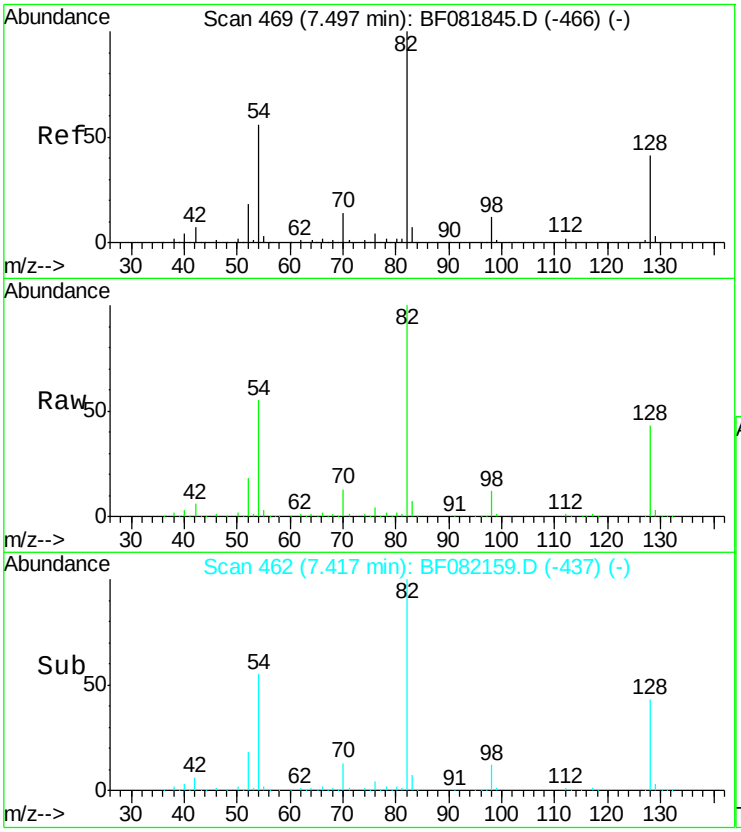


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:136 Resp: 380079

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.4	8.2	12.2
68	5.6	5.8	8.6#



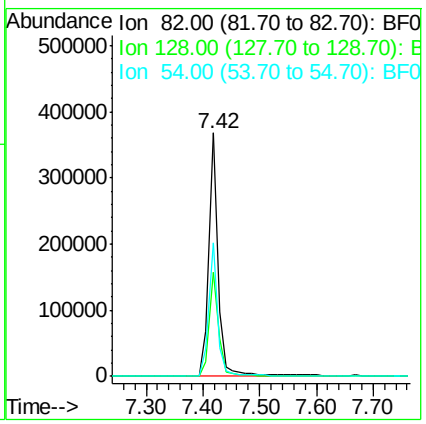


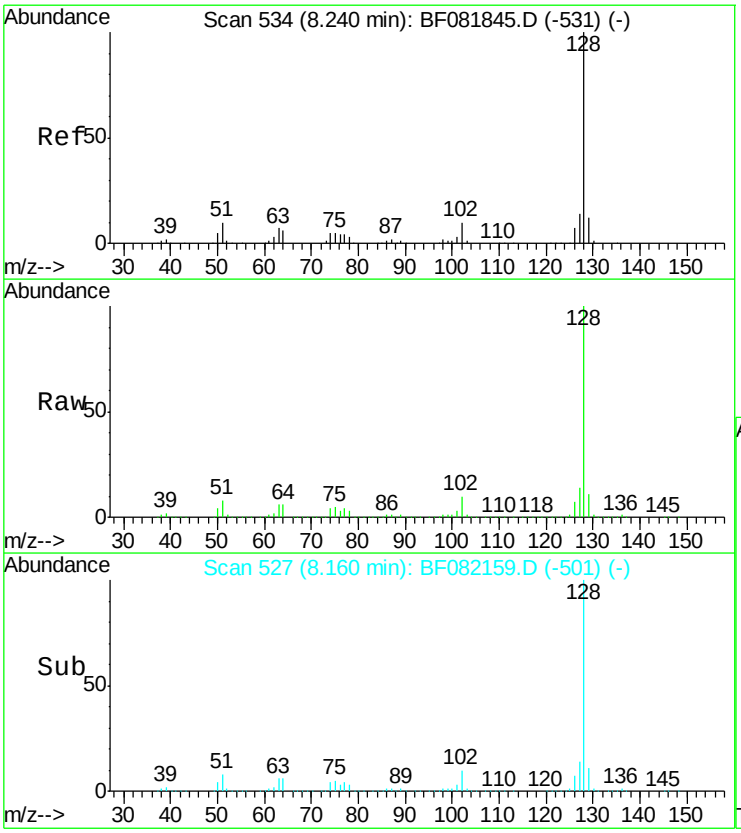
#23
Nitrobenzene-d5
Concen: 72.06 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 410880

Ion	Ratio	Lower	Upper
82	100		
128	42.6	51.0	76.6#
54	54.8	47.5	71.3

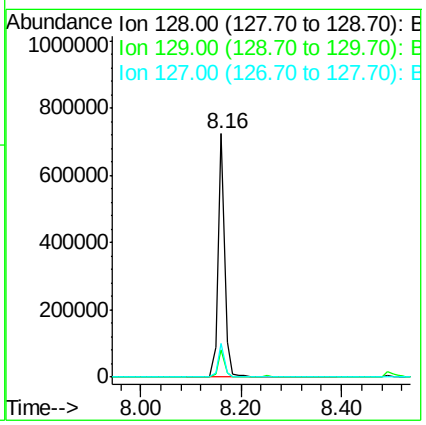


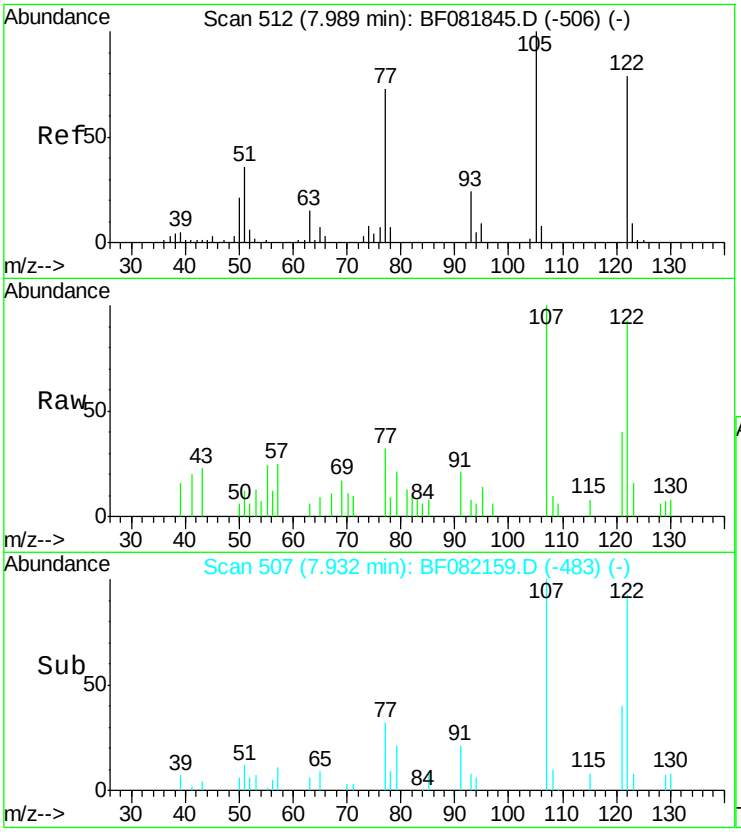


#31
Naphthalene
Concen: 39.10 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:128 Resp: 658447

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.6	9.9	14.9



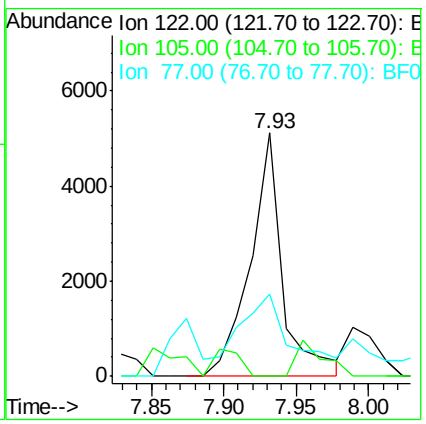


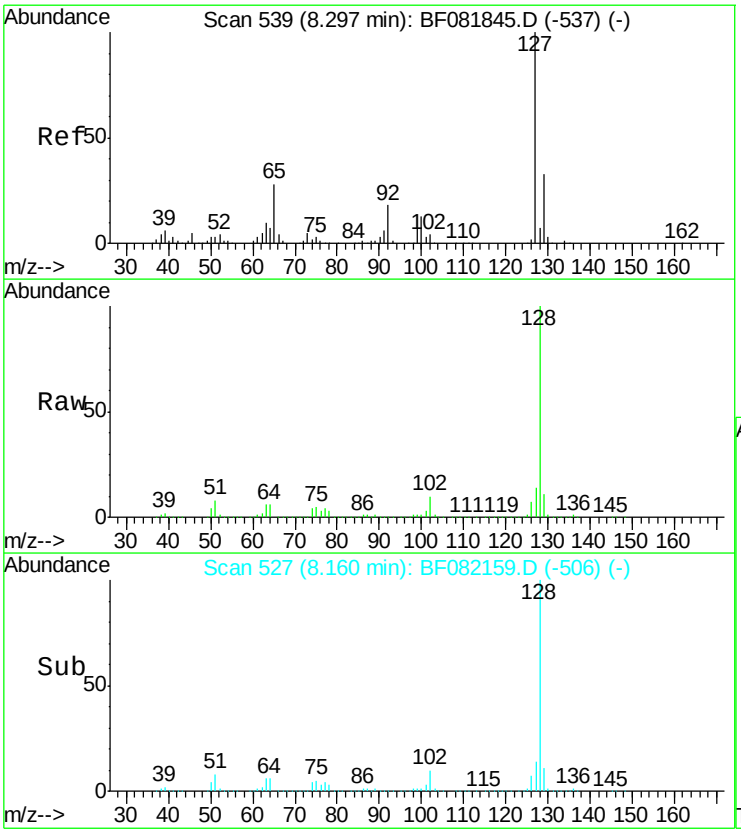
#32
Benzoic acid
Concen: 9.48 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 7888

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	34.0	40.5	80.5#

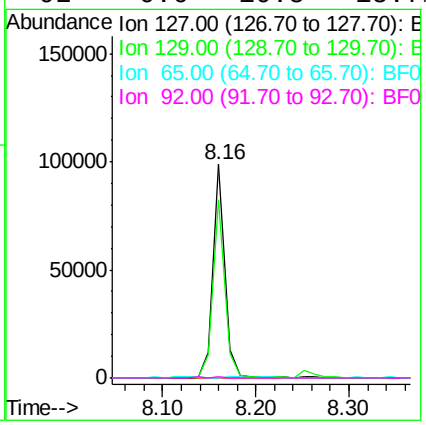


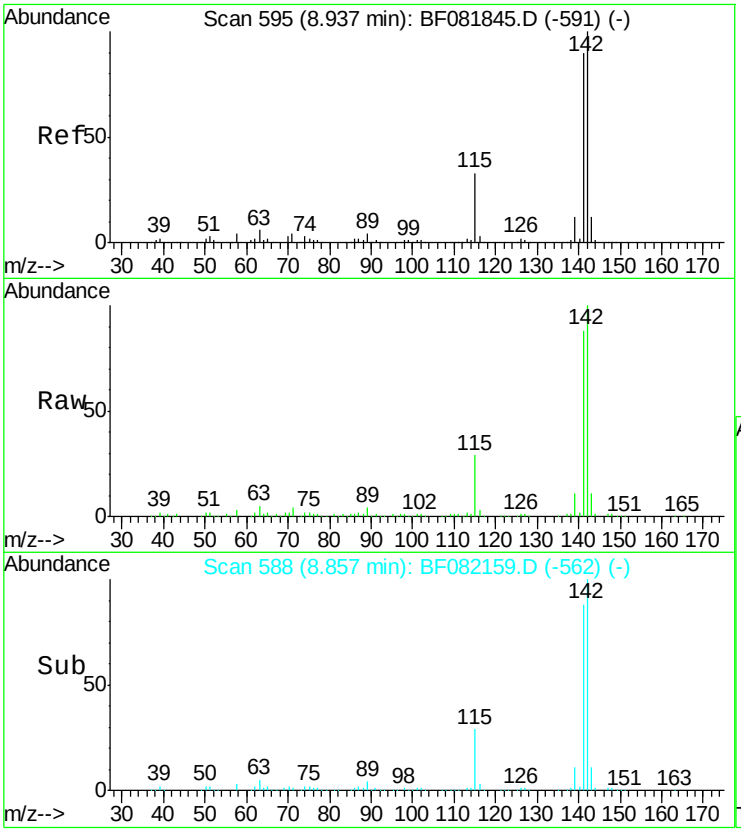


#33
4-Chloroaniline
Concen: 12.06 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:127 Resp: 87813

Ion	Ratio	Lower	Upper
127	100		
129	83.2	25.8	38.6#
65	0.0	17.9	26.9#
92	0.6	10.5	15.7#



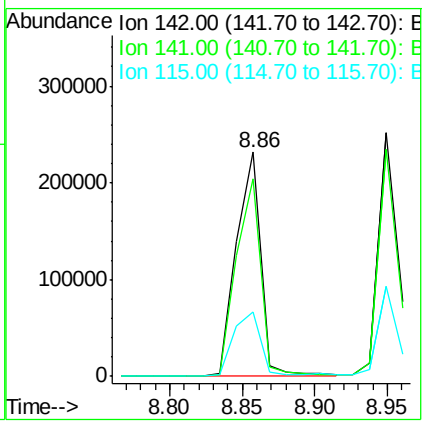


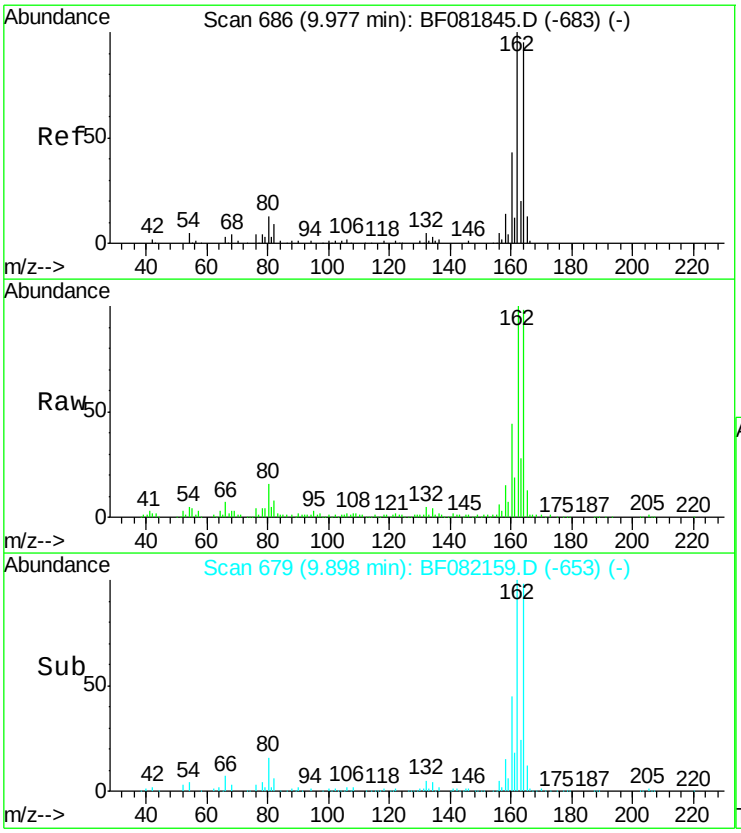
#37
2-Methylnaphthalene
Concen: 23.74 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 272940

Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.5	101.3
115	28.9	18.2	27.2#

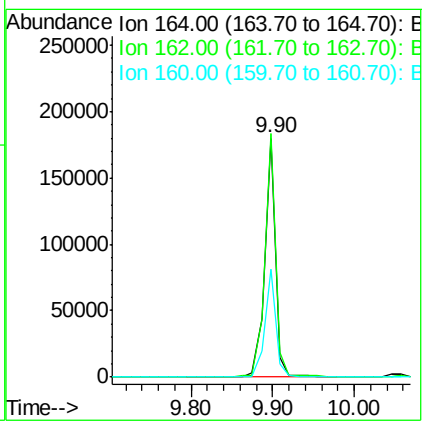


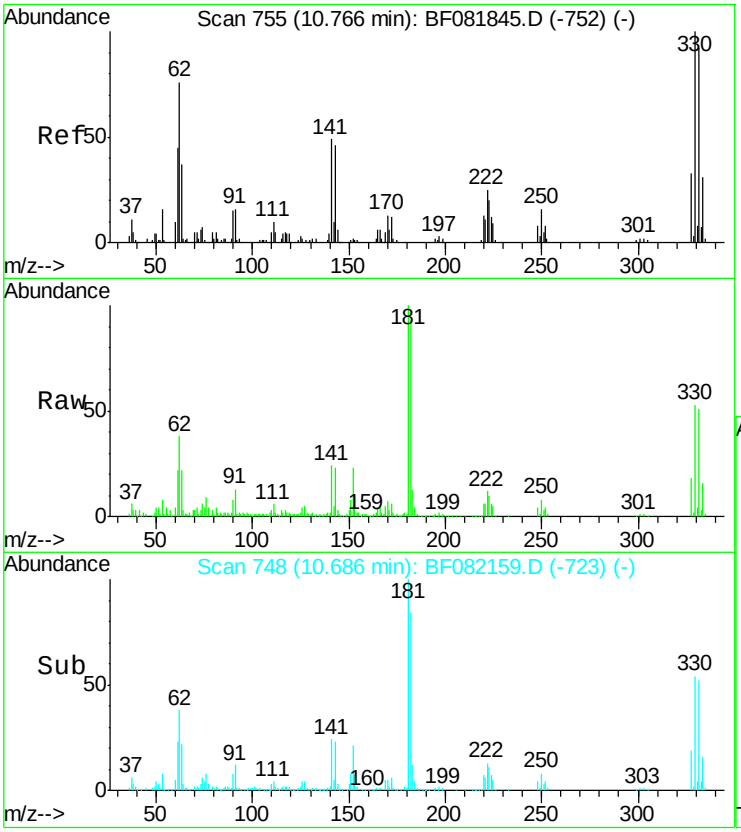


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:164 Resp: 170048

Ion	Ratio	Lower	Upper
164	100		
162	102.0	75.2	112.8
160	45.3	31.5	47.3



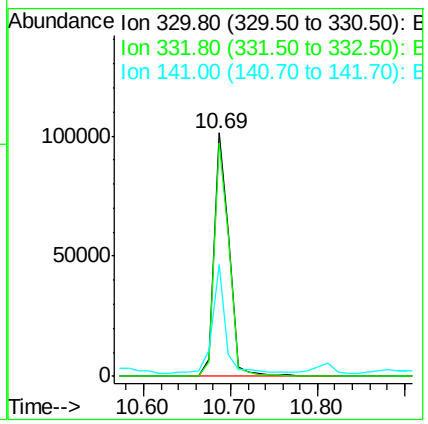


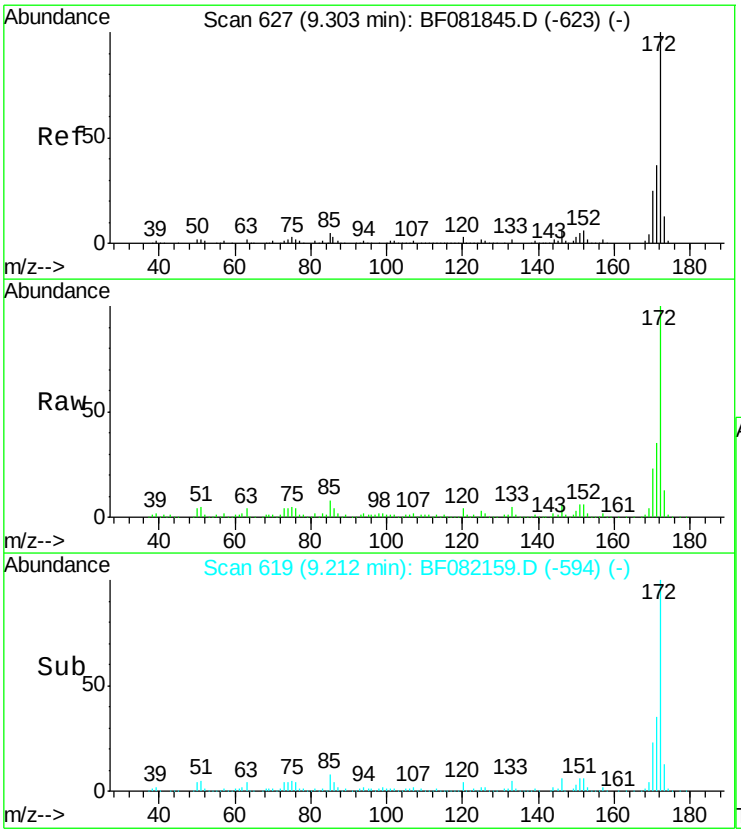
#41
2,4,6-Tribromophenol
Concen: 71.38 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 122929

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	38.4	29.7	44.5

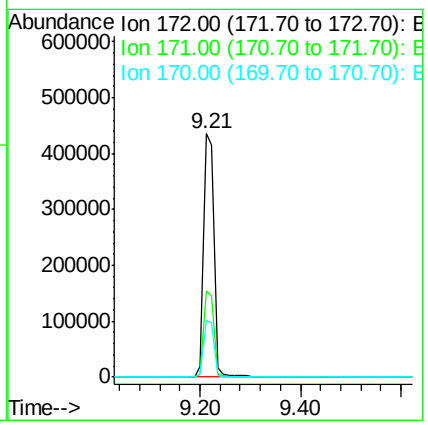


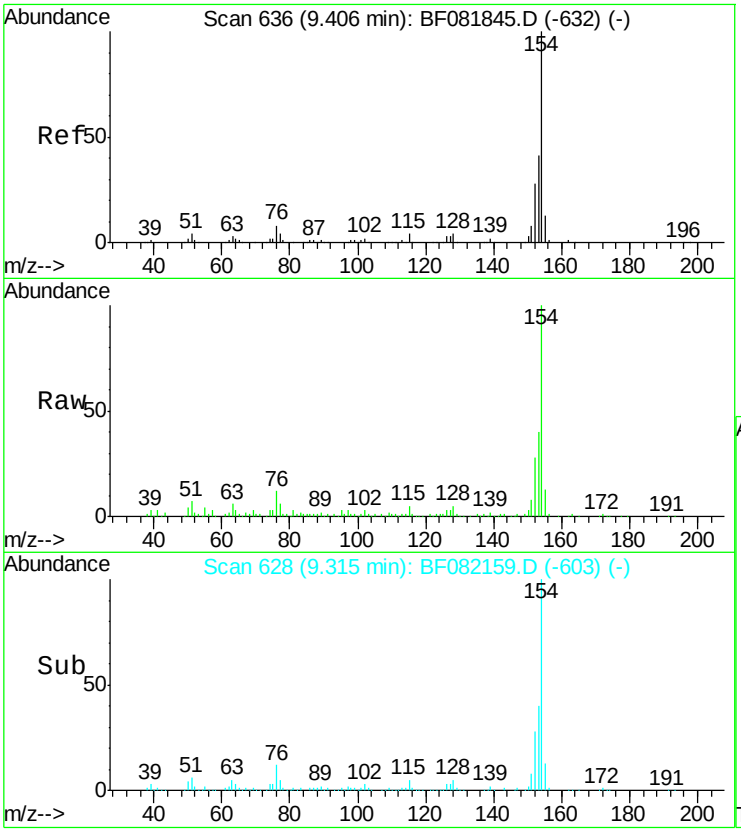


#44
2-Fluorobiphenyl
Concen: 58.13 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:172 Resp: 628285

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.5	17.4	26.2



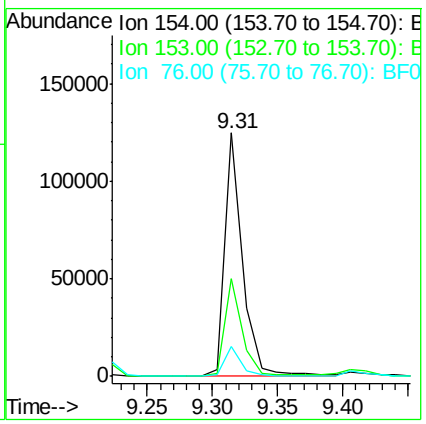


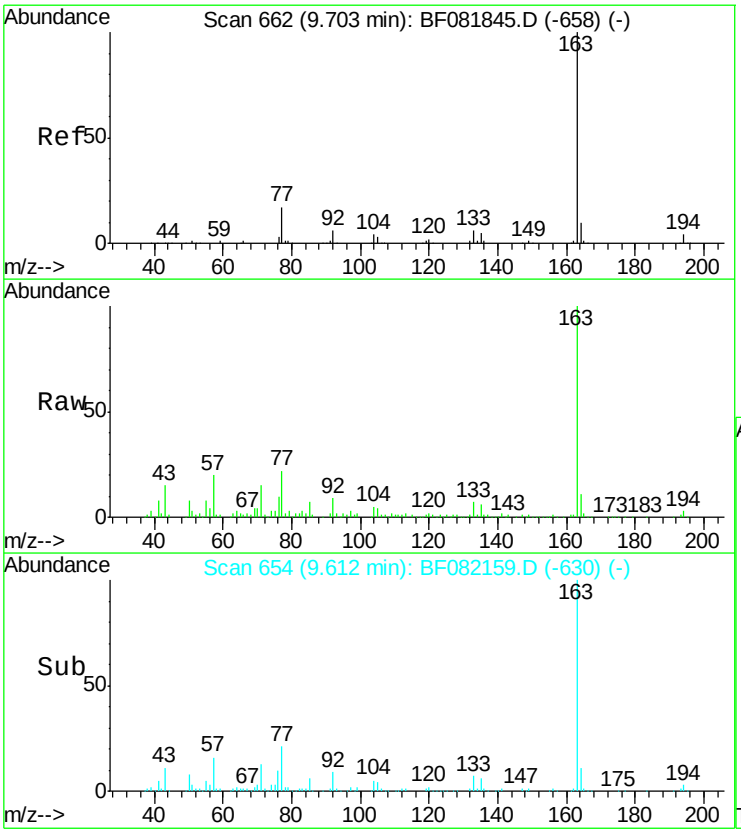
#45
1,1'-Biphenyl
Concen: 9.14 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 119931

Ion	Ratio	Lower	Upper
154	100		
153	40.0	17.1	57.1
76	12.1	0.0	31.6

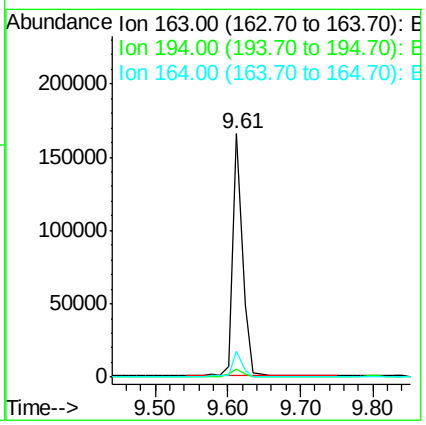


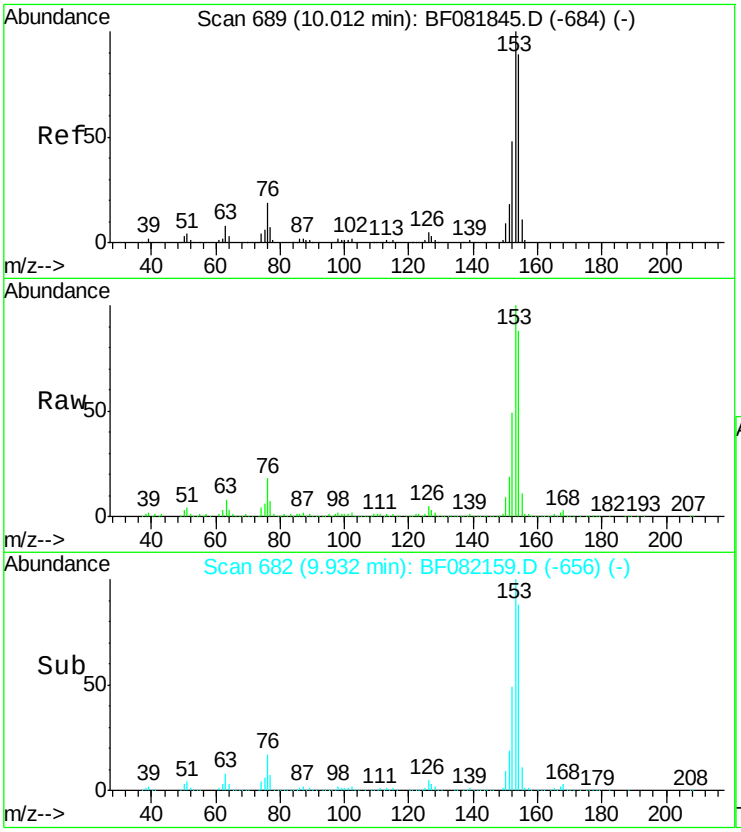


#49
Dimethylphthalate
Concen: 13.31 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:163 Resp: 156230

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.6	8.3	12.5



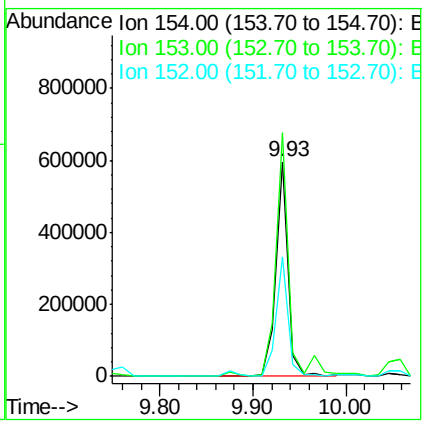


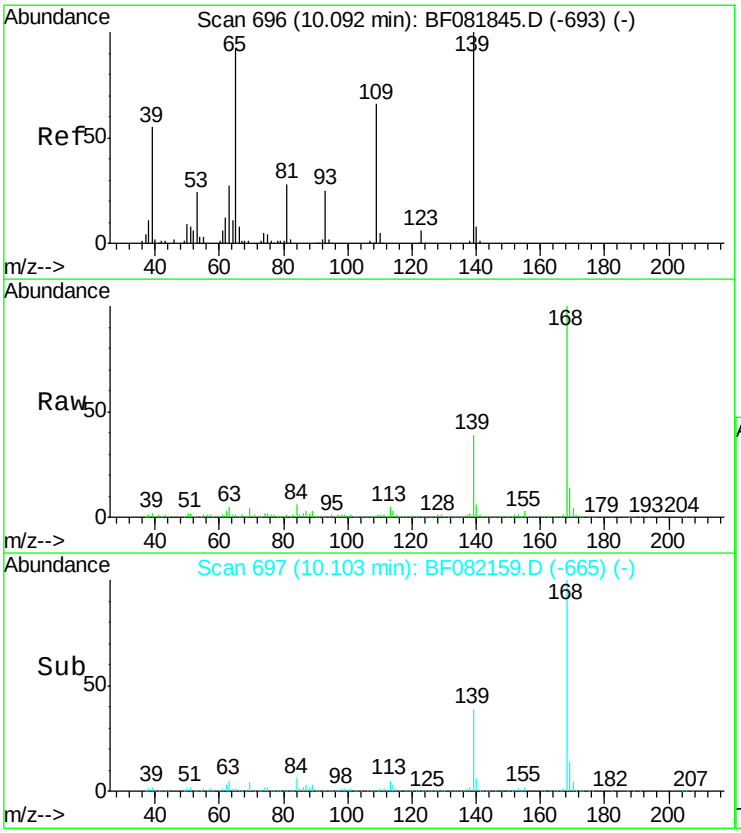
#51
Acenaphthene
Concen: 56.43 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 552455

Ion	Ratio	Lower	Upper
154	100		
153	113.7	82.1	123.1
152	55.7	37.9	56.9

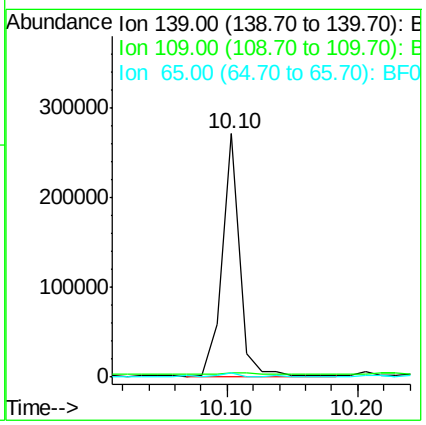


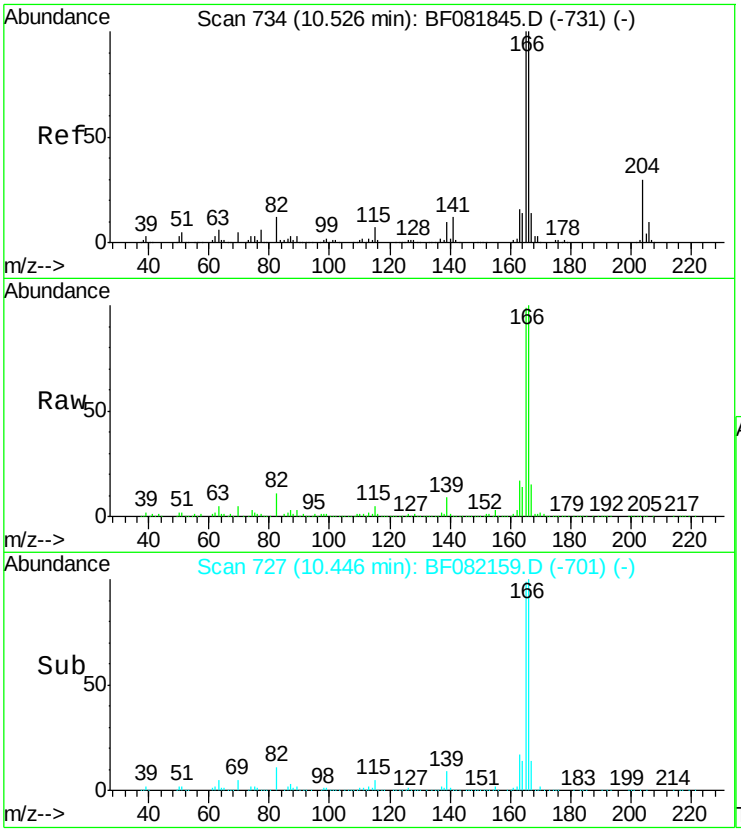


#55
4-Nitrophenol
Concen: 119.21 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.07 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:139 Resp: 253946

Ion	Ratio	Lower	Upper
139	100		
109	1.7	12.7	52.7#
65	1.6	45.9	85.9#



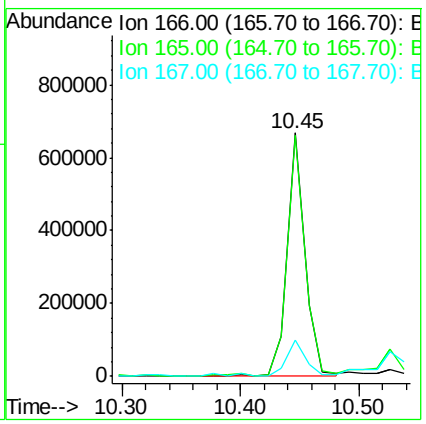


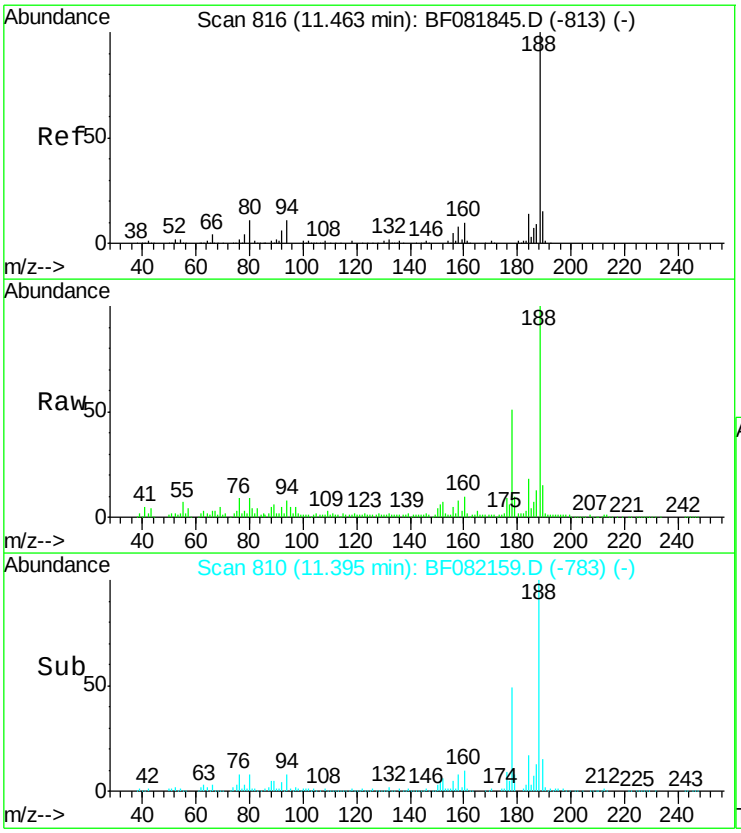
#57
Fluorene
Concen: 70.22 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 683065

Ion	Ratio	Lower	Upper
166	100		
165	99.1	72.6	109.0
167	15.0	10.6	16.0

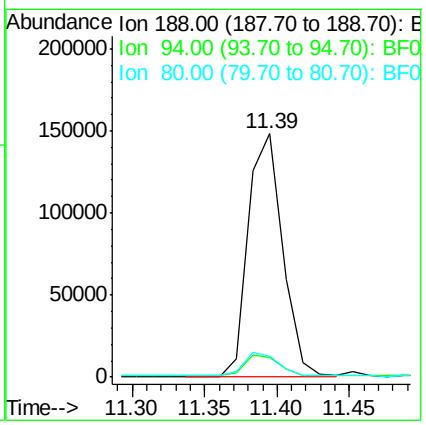


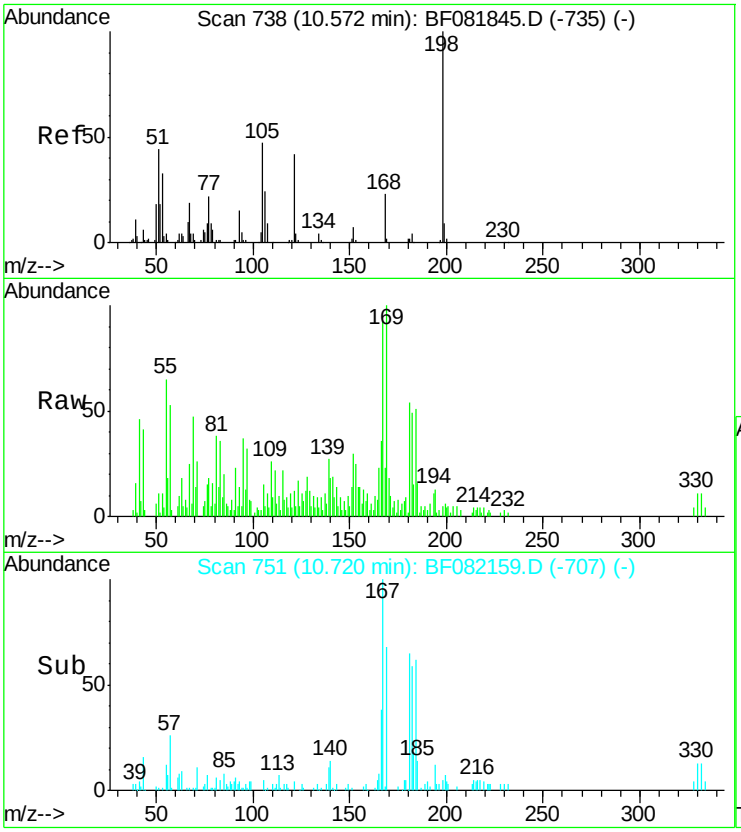


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:188 Resp: 244915

Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	8.8	11.0	16.4#



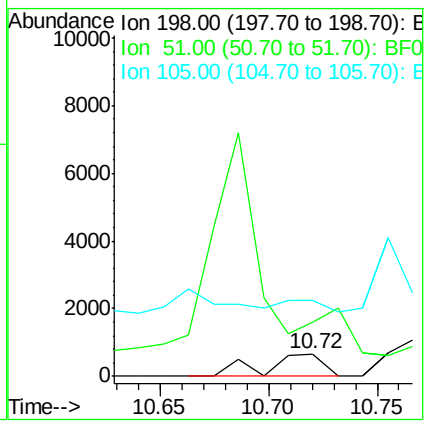


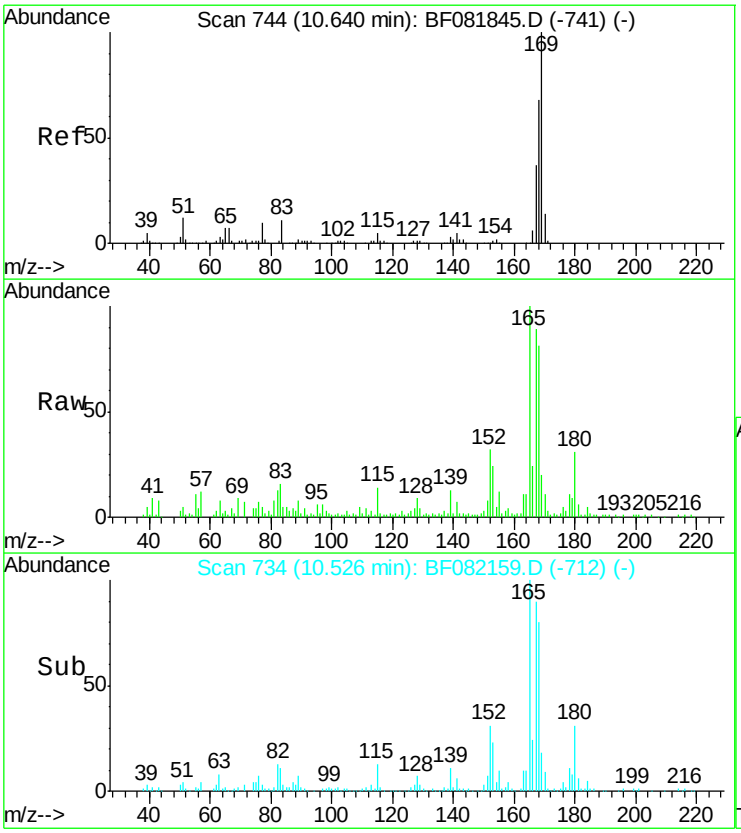
#64
4,6-Dinitro-2-methylphenol
Concen: 2.49 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.21 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1214

Ion	Ratio	Lower	Upper
198	100		
51	244.3	39.6	79.6#
105	342.4	28.5	68.5#

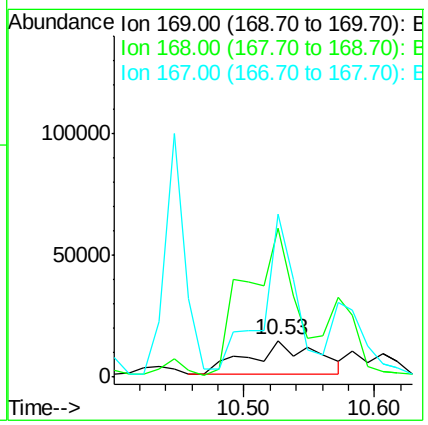


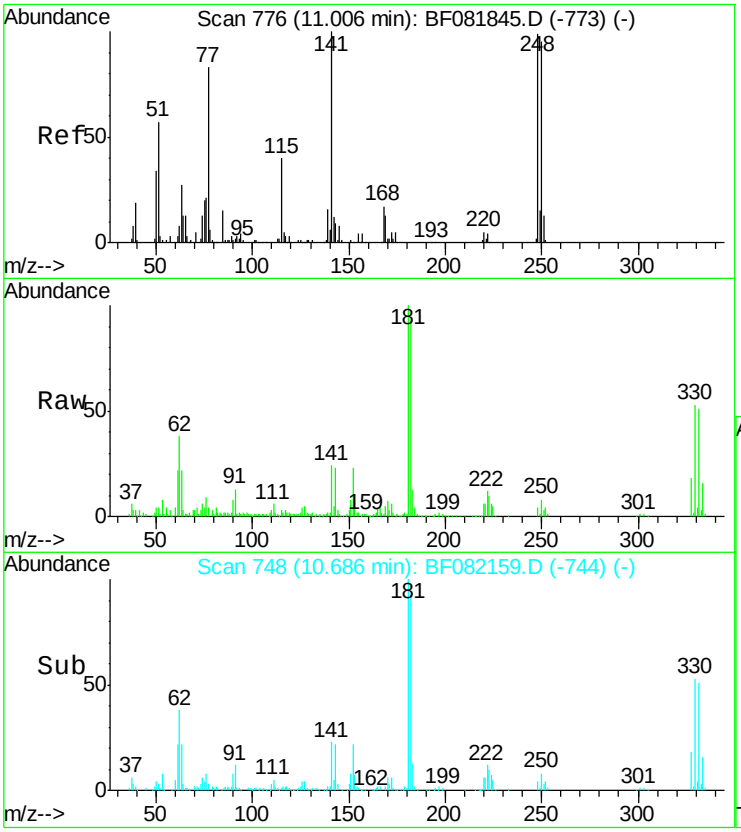


#65
n-Nitrosodiphenylamine
Concen: 6.67 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:169 Resp: 49425

Ion	Ratio	Lower	Upper
169	100		
168	408.3	48.9	73.3#
167	449.4	26.2	39.4#



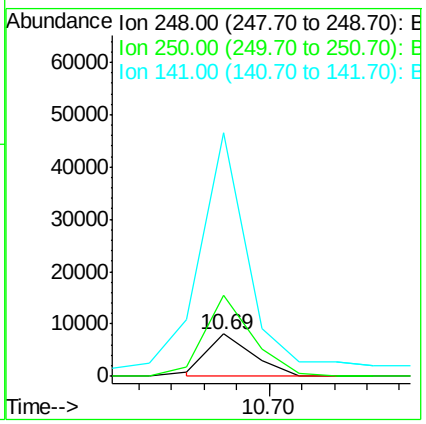


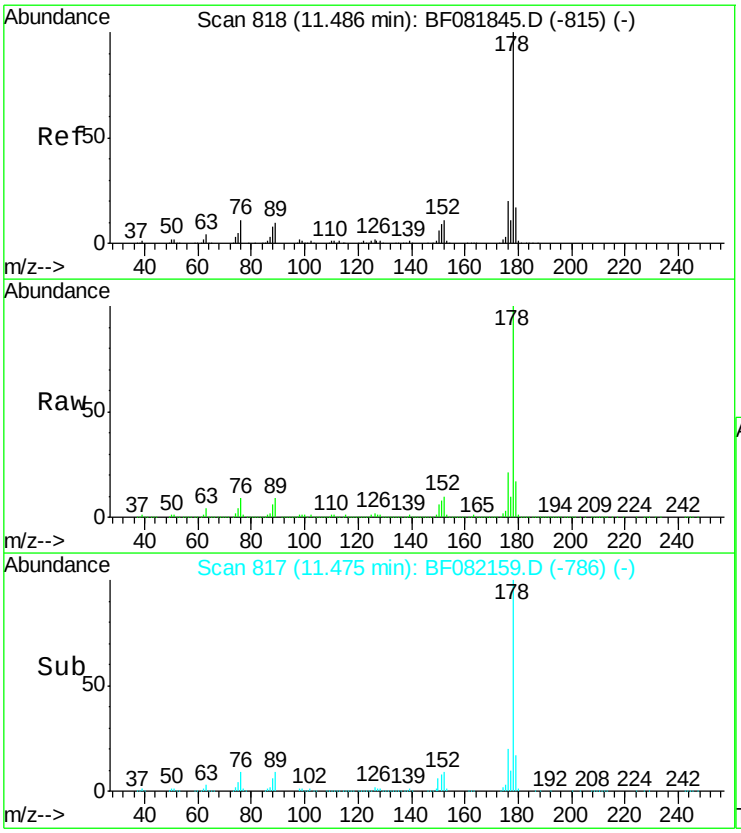
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7527

Ion	Ratio	Lower	Upper
248	100		
250	193.5	78.5	117.7#
141	577.5	59.0	88.6#

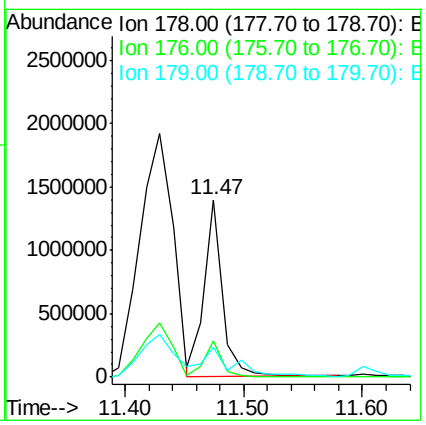


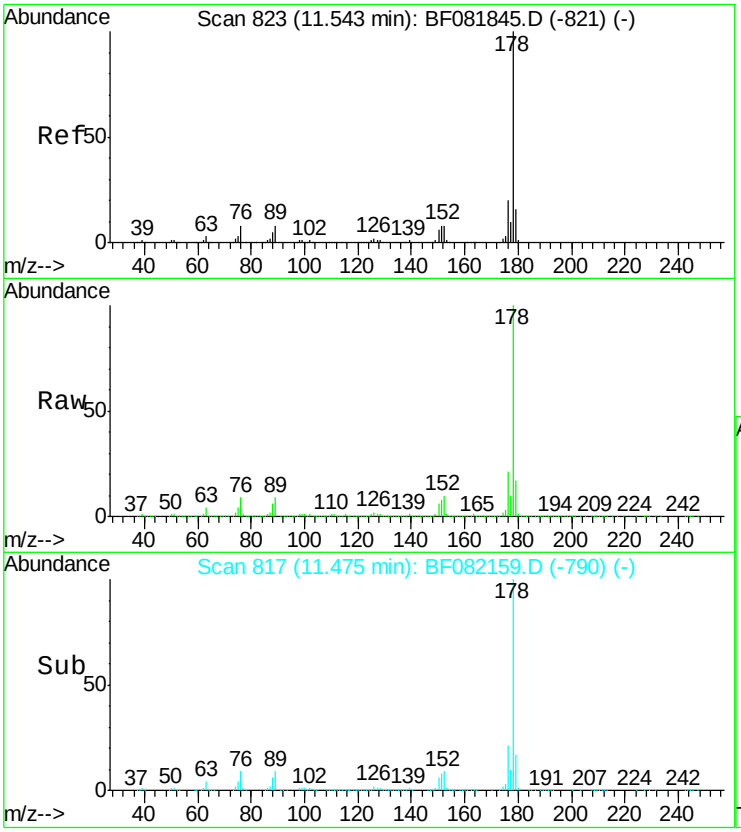


#70
Phenanthrene
Concen: 131.30 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.06 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:178 Resp: 1509877

Ion	Ratio	Lower	Upper
178	100		
176	20.6	13.8	20.8
179	16.9	12.2	18.2



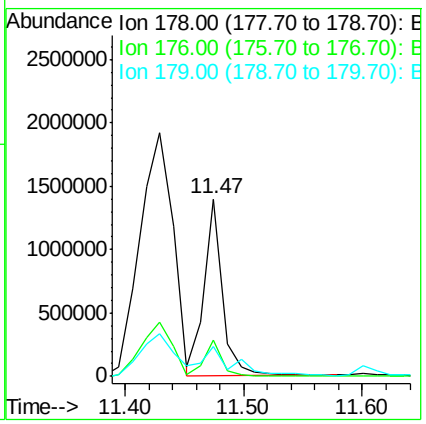


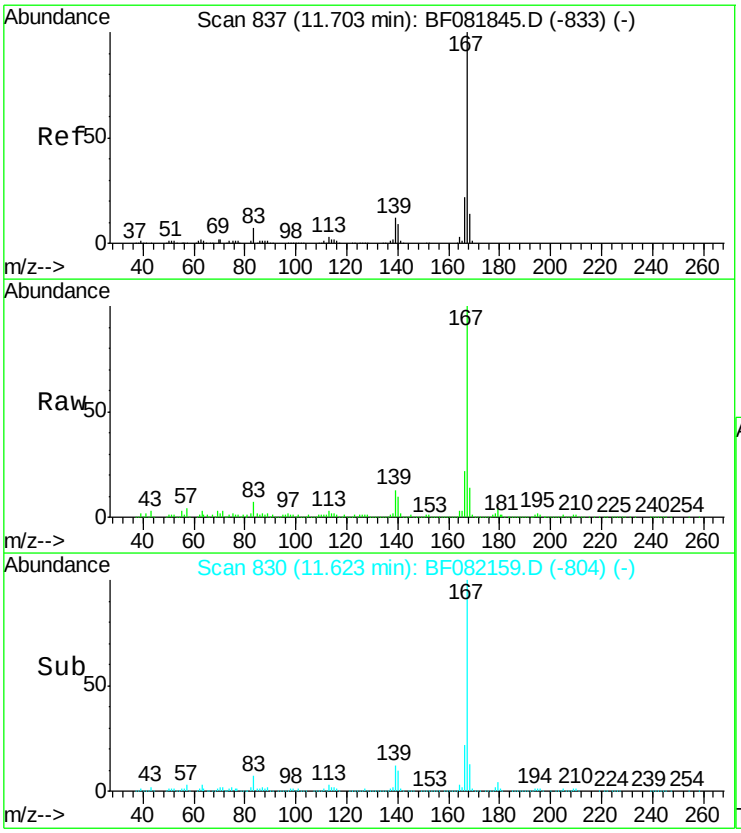
#71
Anthracene
Concen: 121.29 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1509877

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.1	21.1
179	16.9	12.2	18.2

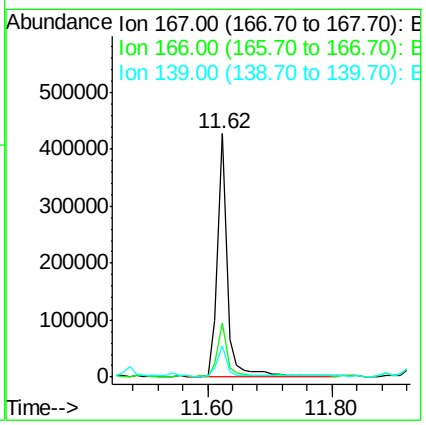


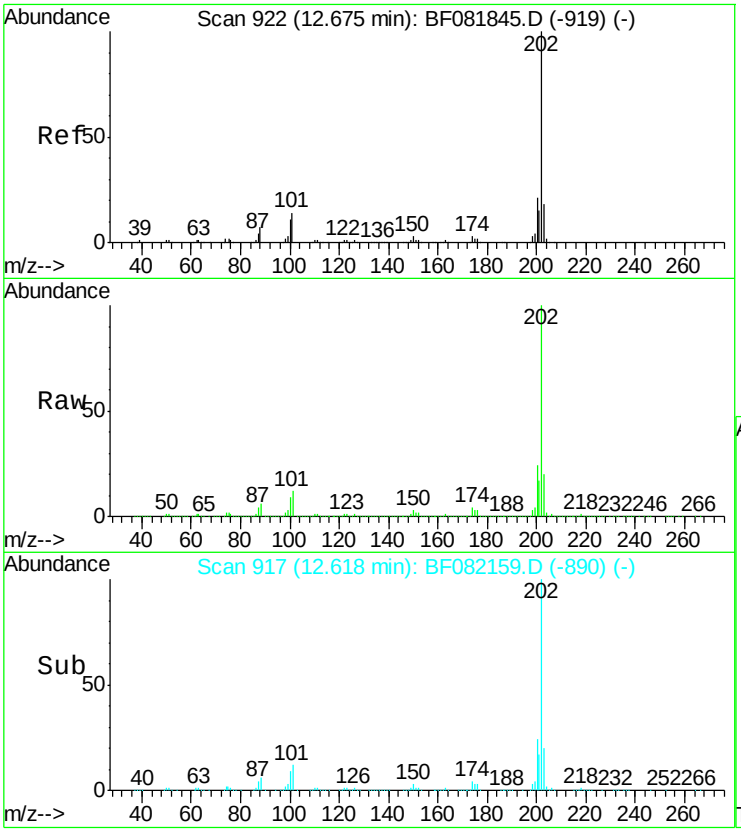


#72
Carbazole
Concen: 40.42 ng
RT: 11.62 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:167 Resp: 455387

Ion	Ratio	Lower	Upper
167	100		
166	22.2	15.7	23.5
139	12.7	9.5	14.3



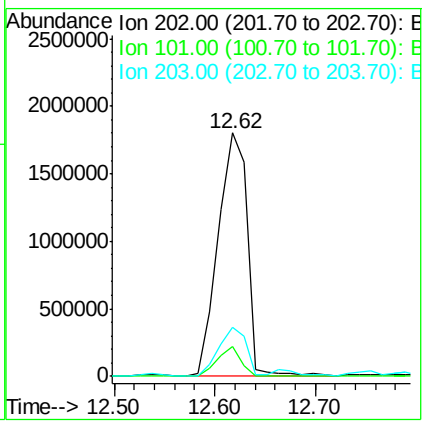


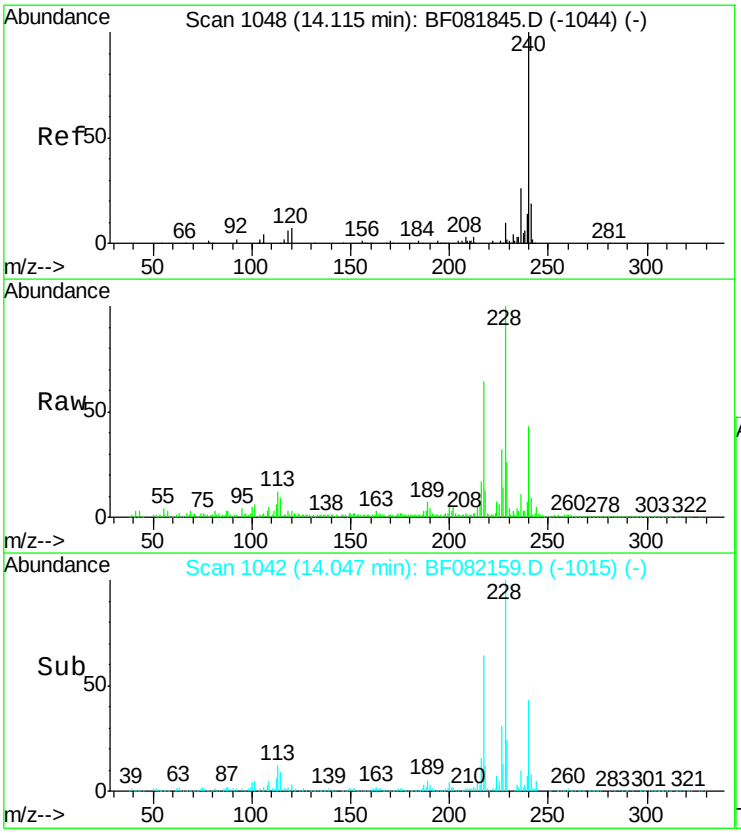
#74
Fluoranthene
Concen: 274.88 ng
RT: 12.62 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3606424

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	38.3
203	20.0	0.0	37.3

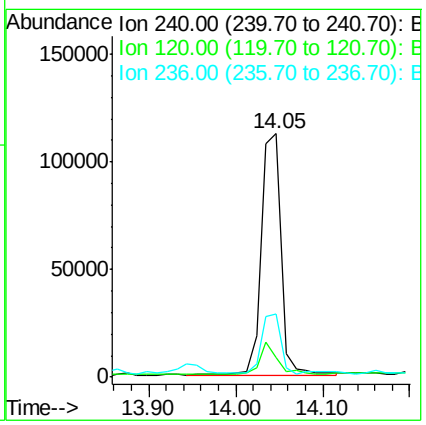


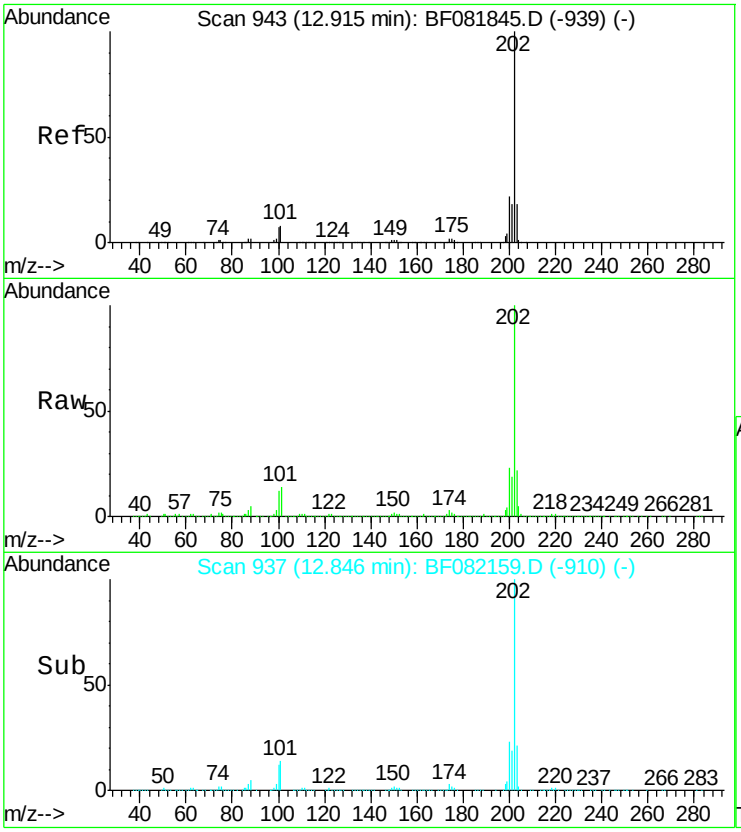


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:240 Resp: 177907

Ion	Ratio	Lower	Upper
240	100		
120	7.9	16.2	24.2#
236	25.8	18.4	27.6



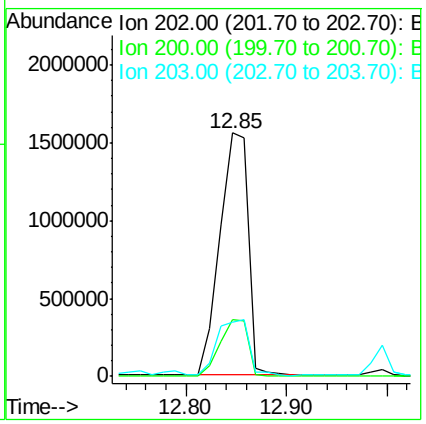


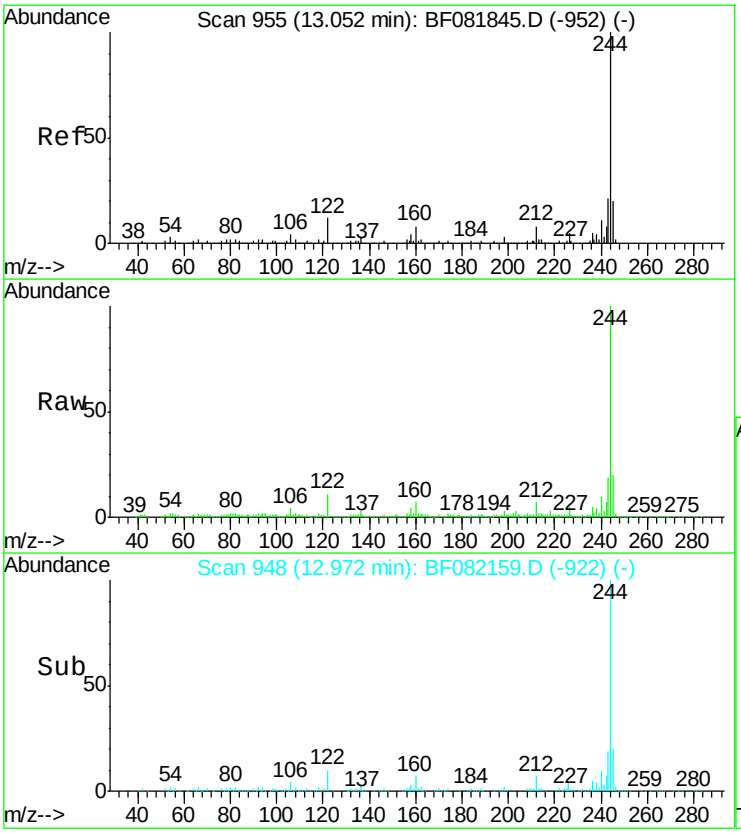
#77
Pyrene
Concen: 286.38 ng
RT: 12.85 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3043690

Ion	Ratio	Lower	Upper
202	100		
200	23.3	15.0	22.4#
203	22.4	14.1	21.1#

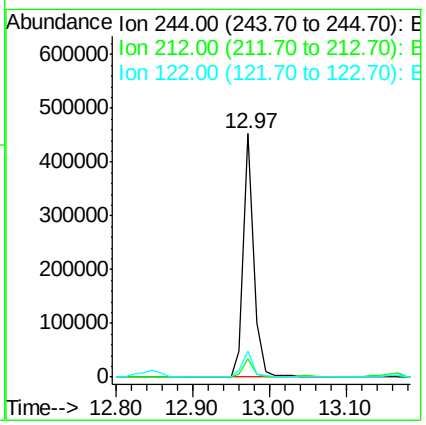


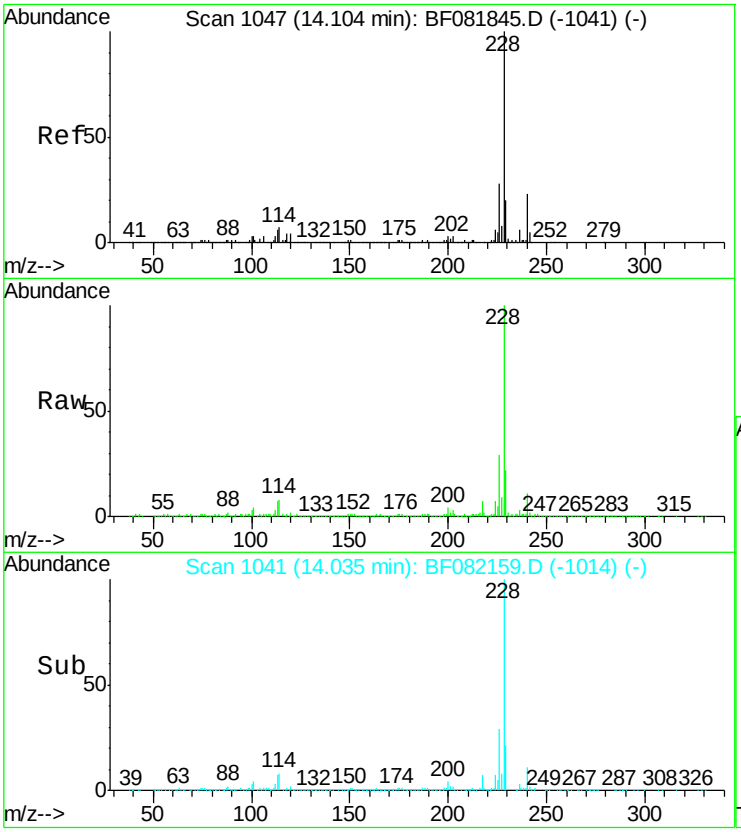


#78
Terphenyl-d14
Concen: 76.20 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:244 Resp: 431926

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	10.6	17.4	26.2#



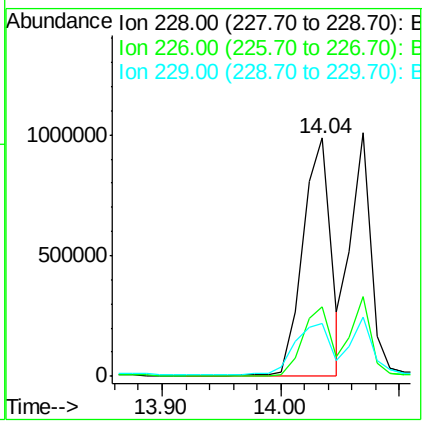


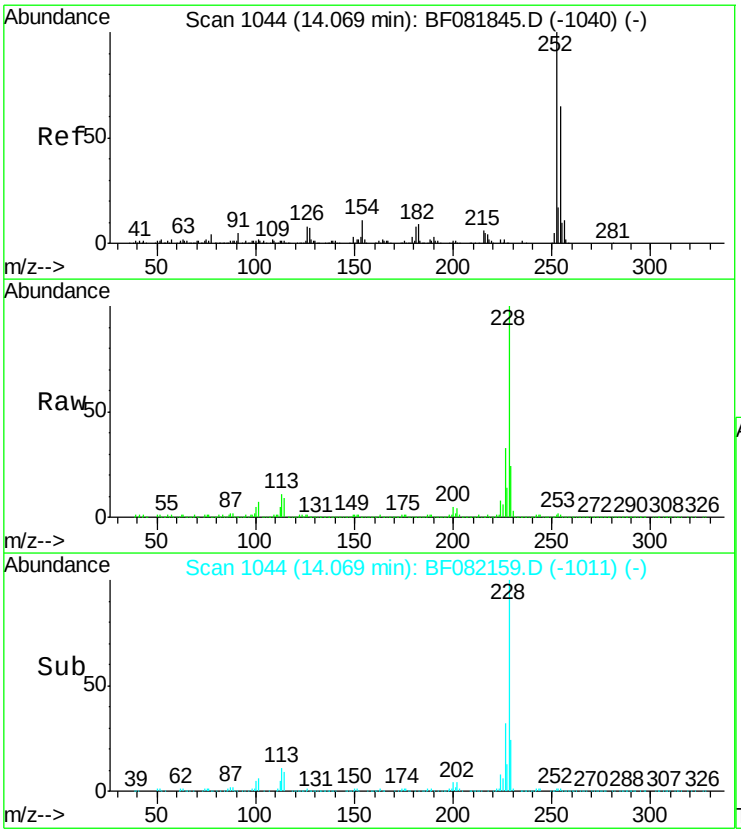
#80
Benzo(a)anthracene
Concen: 168.04 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1609793

Ion	Ratio	Lower	Upper
228	100		
226	29.0	20.0	30.0
229	22.2	15.4	23.2

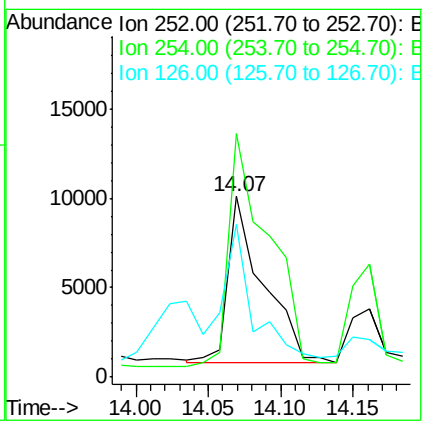


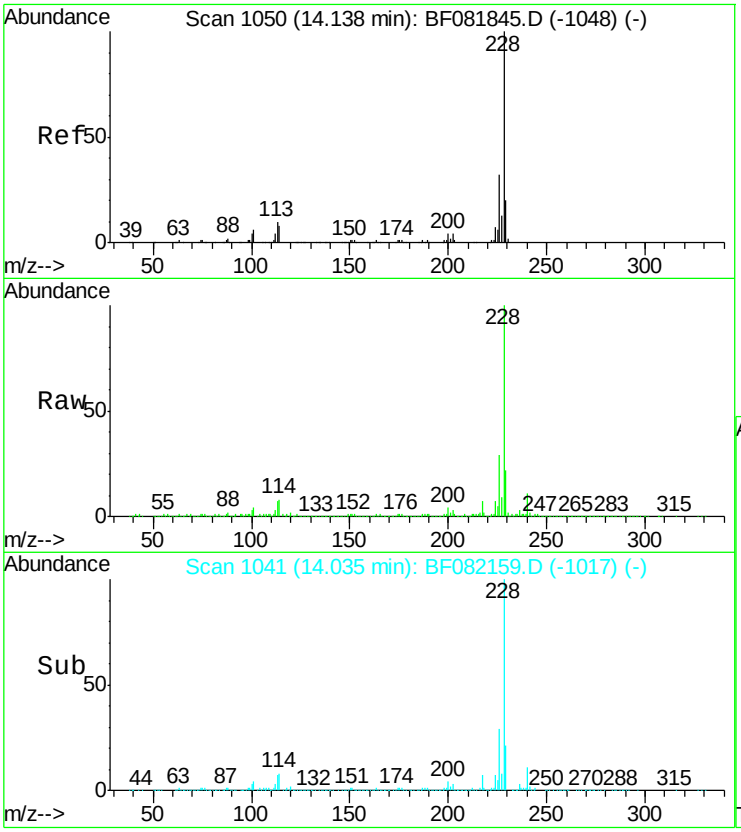


#81
3,3'-Dichlorobenzidine
Concen: 4.78 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.08 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:252 Resp: 15455

Ion	Ratio	Lower	Upper
252	100		
254	134.8	51.4	77.2#
126	84.9	16.4	24.6#



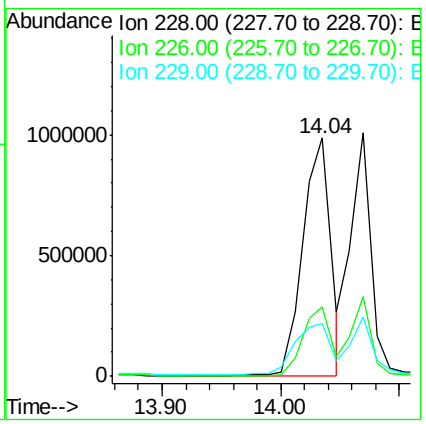


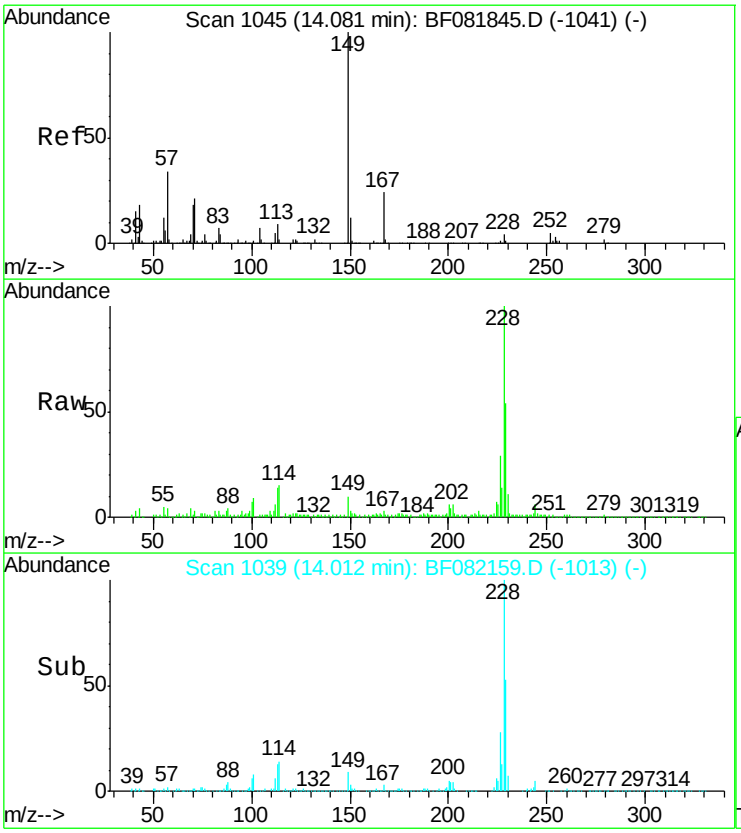
#82
Chrysene
Concen: Below Cal
RT: 14.04 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1609793

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.0	31.4
229	22.2	15.6	23.4

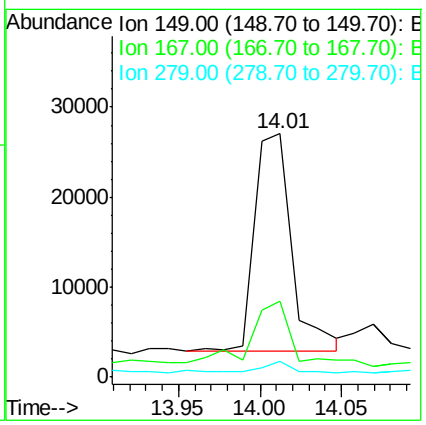


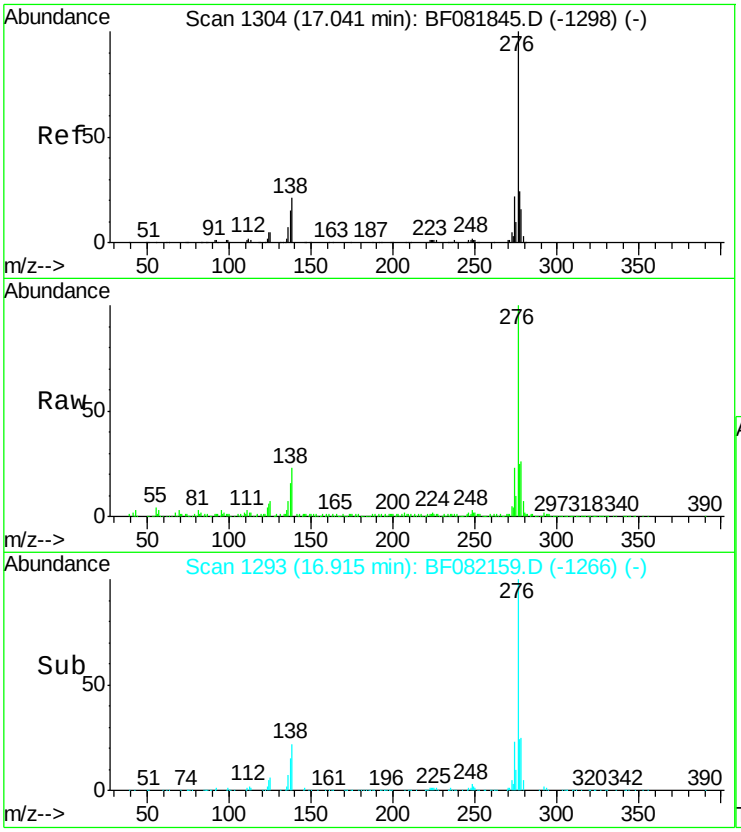


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.59 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:149 Resp: 38091

Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.2	36.2
279	6.7	3.8	5.6#



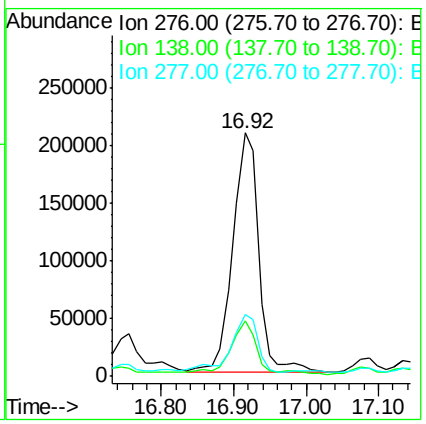


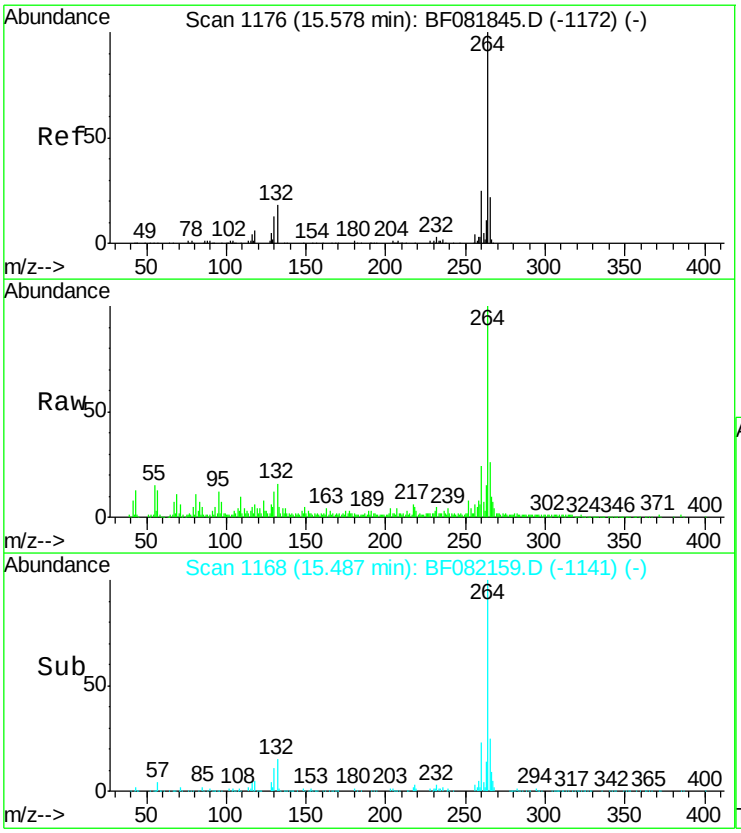
#85
Indeno(1,2,3-cd)pyrene
Concen: 69.38 ng
RT: 16.92 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 519960

Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.7	38.5#
277	25.6	15.6	23.4#

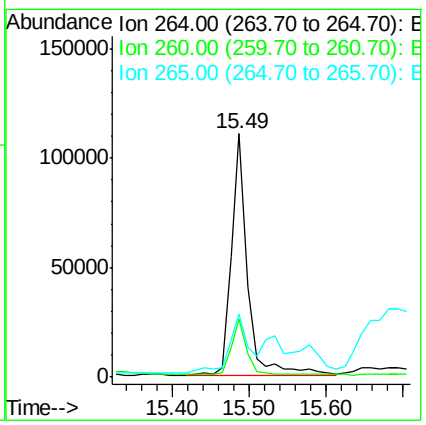


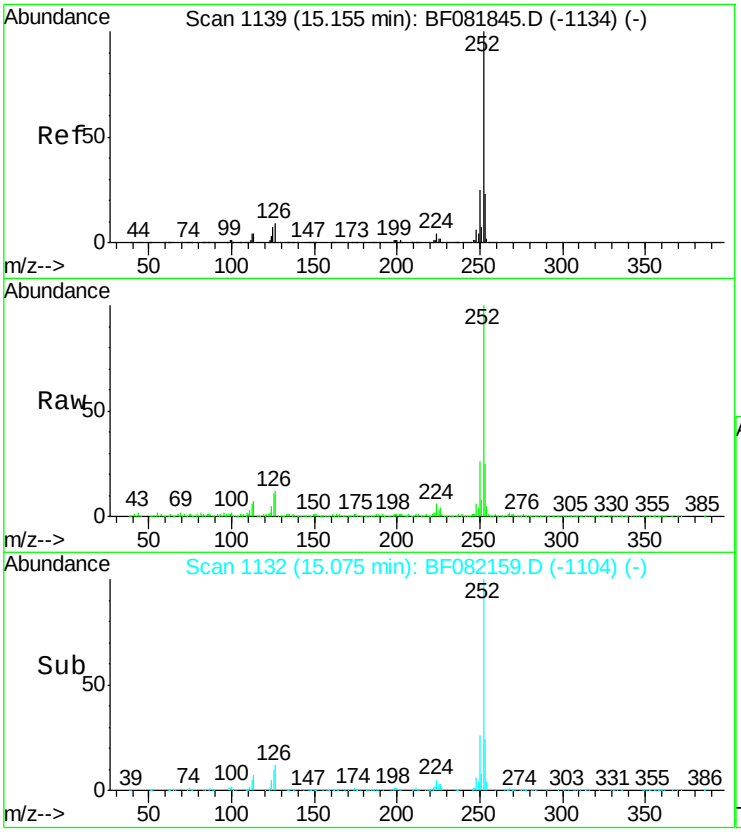


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:264 Resp: 164323

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	25.9	17.2	25.8#



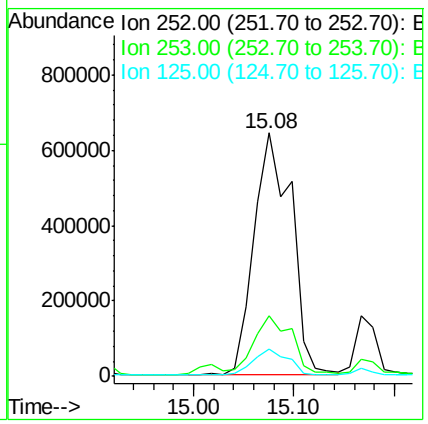


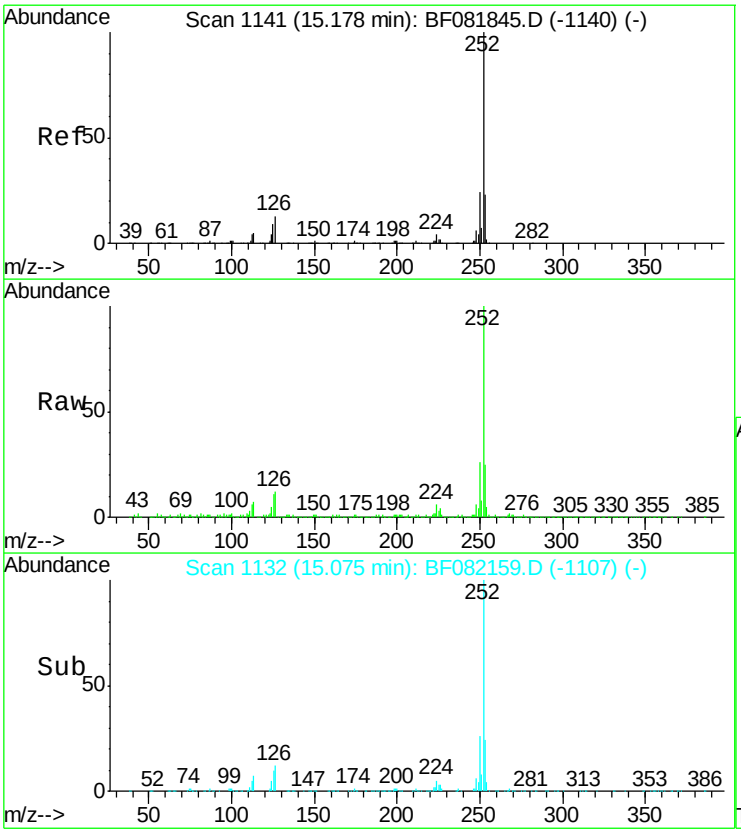
#87
Benzo(b)fluoranthene
Concen: 176.84 ng
RT: 15.08 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1659084

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	11.0	17.1	25.7#

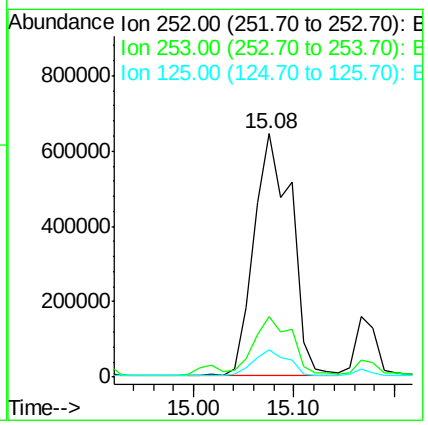


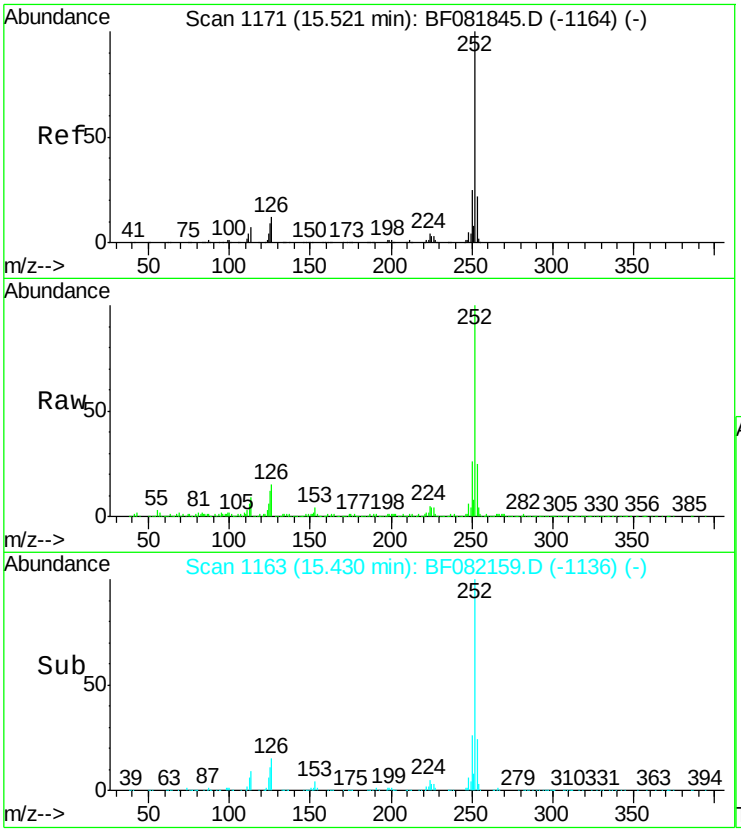


#88
Benzo(k)fluoranthene
Concen: 192.94 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:252 Resp: 1659084

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	11.0	16.0	24.0#



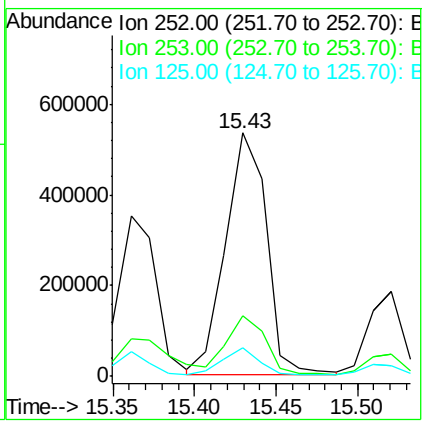


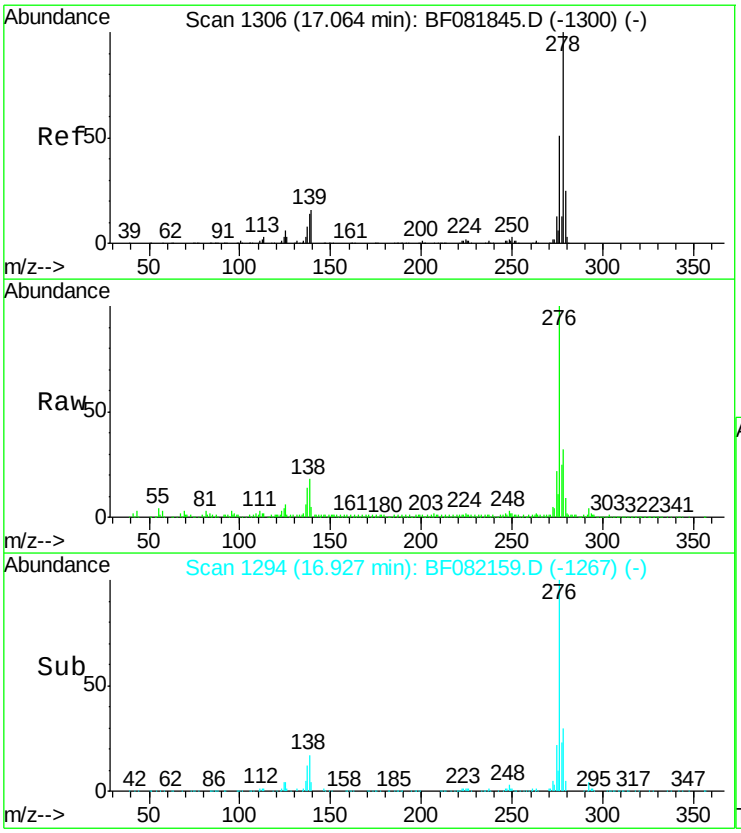
#89
Benzo(a)pyrene
Concen: 113.55 ng
RT: 15.43 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 924097

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	11.6	18.0	27.0#

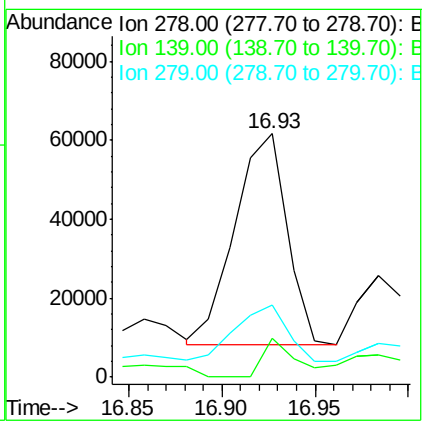


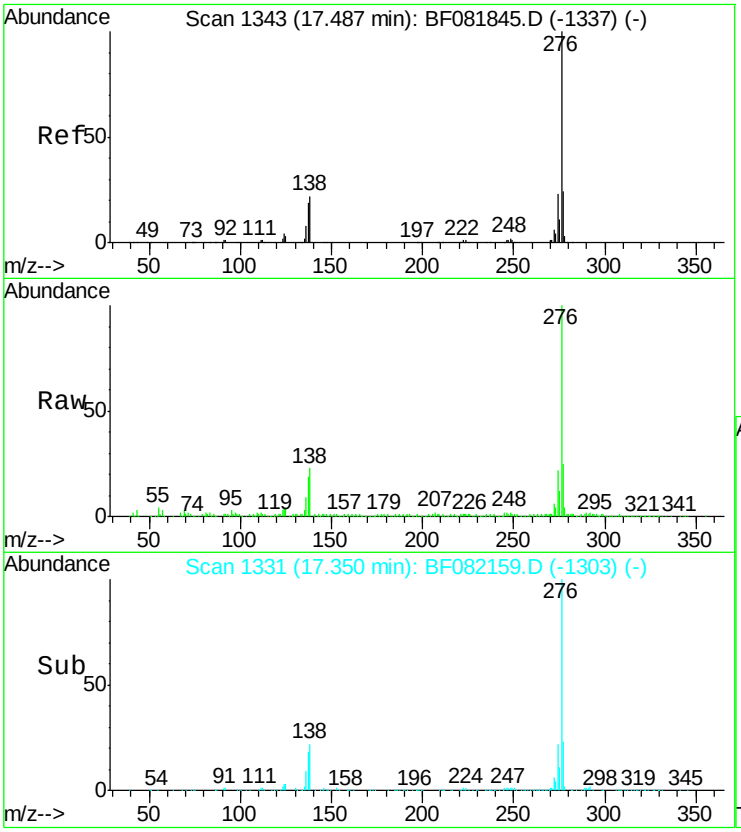


#90
Dibenzo(a,h)anthracene
Concen: 15.30 ng
RT: 16.93 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Tgt Ion:278 Resp: 104480

Ion	Ratio	Lower	Upper
278	100		
139	15.8	26.3	39.5#
279	29.4	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 68.01 ng
RT: 17.35 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF082159.D
Acq: 9 Oct 2015 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 475841

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.8	26.6
138	22.7	34.6	51.8#