Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
Data File : BF082152.D
Acq On : 9 Oct 2015 18:41
Operator : UM/IZ
Sample : G3963-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 19:11:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	177096	20.00	ng		0.13
21) Naphthalene-d8	8.14	136	430492	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	185881	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	317235	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	236346	20.00	ng		-0.03
86) Perylene-d12	15.46	264	208669	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	314767	32.27	ng		-0.02
7) Phenol-d6	6.48	99	416731	33.95	ng		-0.02
23) Nitrobenzene-d5	7.42	82	265512	41.11	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	98348	52.24	ng		-0.03
44) 2-Fluorobiphenyl	9.21	172	508002	41.28	ng		-0.03
78) Terphenyl-d14	12.97	244	390800	47.12	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	35349	4.74	ng	#	57
25) Isophorone	7.42	82	212659	16.61	ng	#	58
31) Naphthalene	8.16	128	95956	5.03	ng		99
32) Benzoic acid	7.93	122	282	7.41	ng	#	9
48) Acenaphthylene	9.75	152	60301	3.35	ng		96
49) Dimethylphthalate	9.61	163	118247	9.22	ng	#	98
51) Acenaphthene	9.92	154	34272	3.20	ng		88
54) Dibenzofuran	10.10	168	42894	2.84	ng		96
55) 4-Nitrophenol	10.10	139	16072	6.90	ng	#	27
56) 2,4-Dinitrotoluene	9.90	165	25383	7.15	ng	#	33
57) Fluorene	10.45	166	55117	3.11	ng		90
66) 4-Bromophenyl-phenylether	10.69	248	6442	2.01	ng	#	1
70) Phenanthrene	11.41	178	614708	40.08	ng		96
71) Anthracene	11.45	178	141620	8.78	ng		97
72) Carbazole	11.61	167	83821	5.74	ng		96
73) Di-n-butylphthalate	11.94	149	3785	Below Cal		#	78
74) Fluoranthene	12.60	202	820765	48.30	ng		91
77) Pyrene	12.82	202	630308	44.64	ng		96
80) Benzo(a)anthracene	14.05	228	298483	23.45	ng		92
82) Chrysene	14.05	228	299261	21.58	ng		94
85) Indeno(1,2,3-cd)pyrene	16.88	276	150258	15.09	ng	#	85
87) Benzo(b)fluoranthene	15.05	252	581489	48.81	ng	#	87
88) Benzo(k)fluoranthene	15.05	252	581489	53.25	ng	#	87
89) Benzo(a)pyrene	15.41	252	269972	26.12	ng	#	84
90) Dibenzo(a,h)anthracene	16.89	278	38445	4.43	ng	#	77
91) Benzo(g,h,i)perylene	17.30	276	121858	13.71	ng	#	77

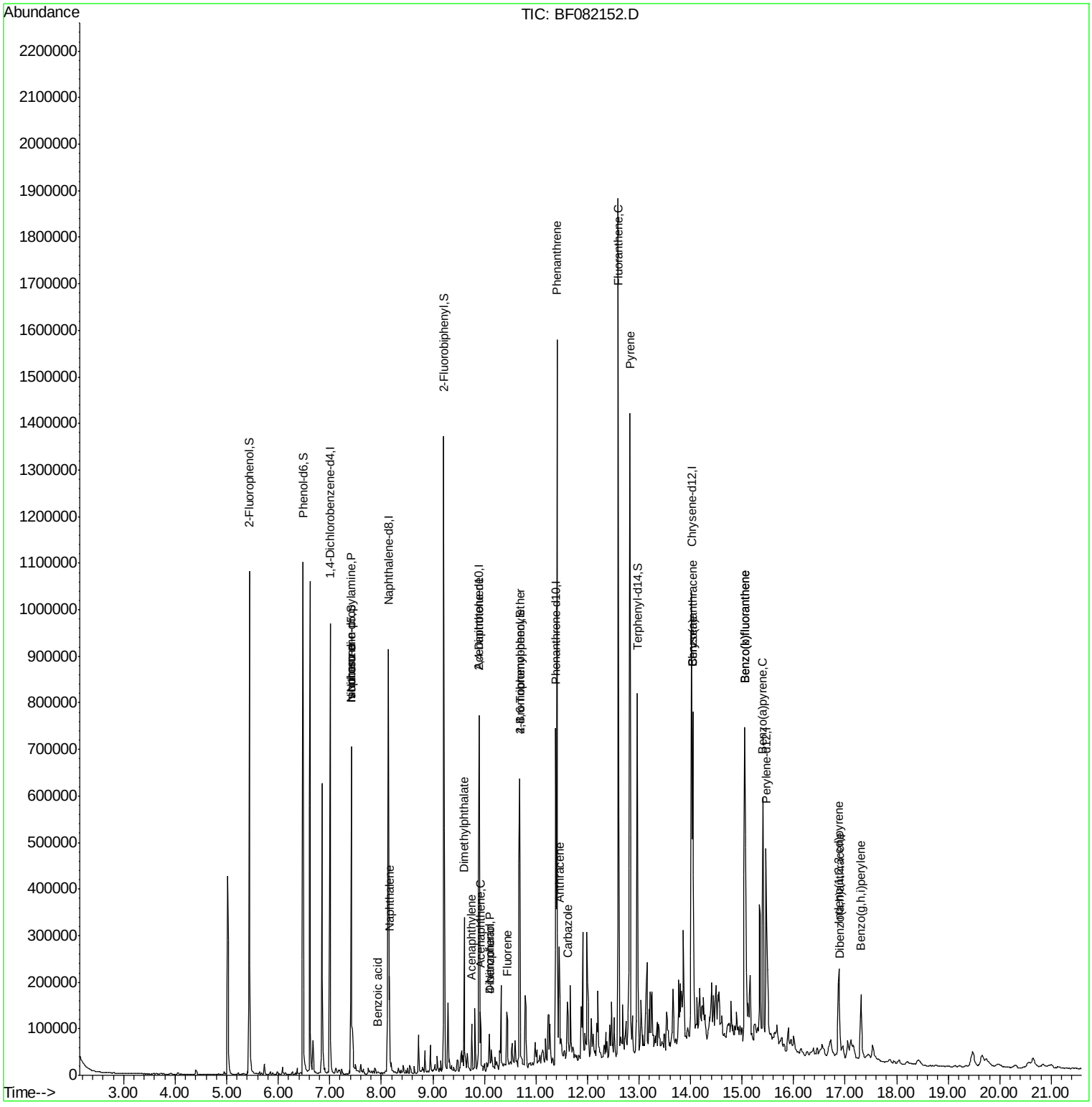
(#) = qualifier out of range (m) = manual integration (+) = signals summed

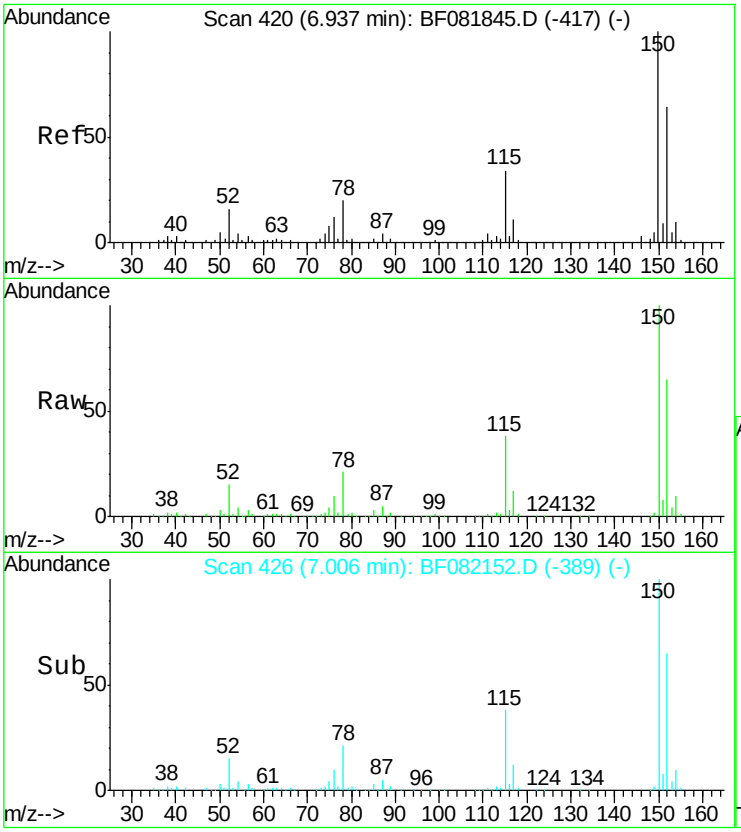
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
Data File : BF082152.D
Acq On : 9 Oct 2015 18:41
Operator : UM/IZ
Sample : G3963-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 19:11:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration



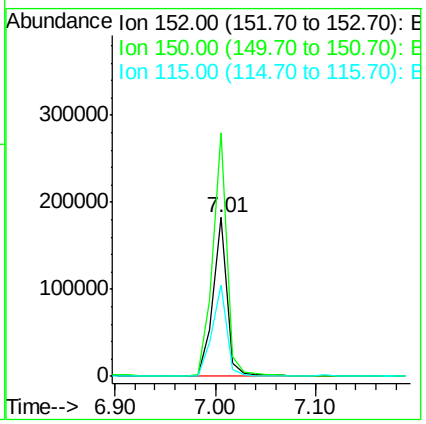


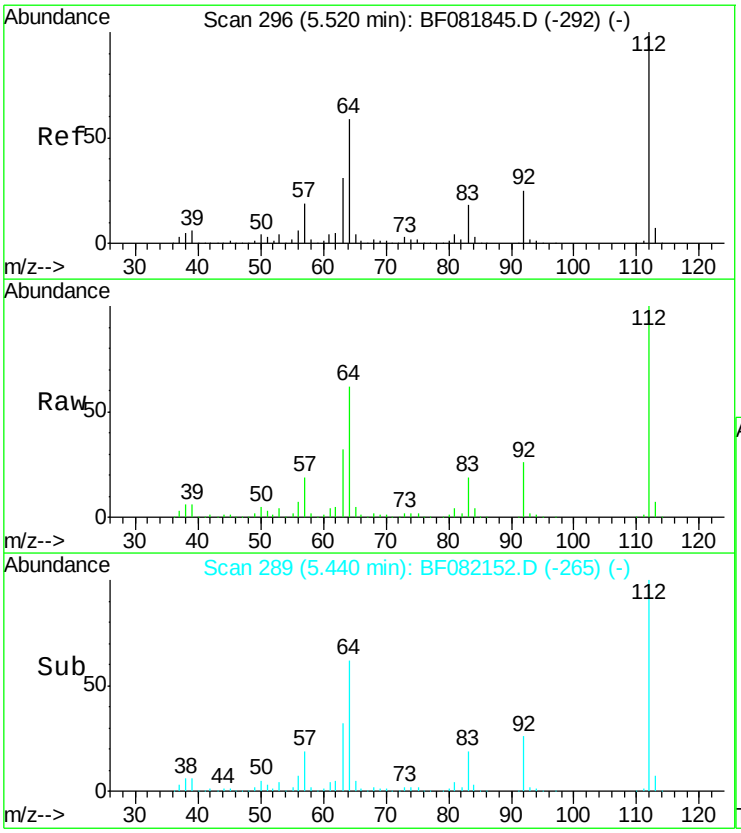
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.13 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177096

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	57.6	39.0	58.4

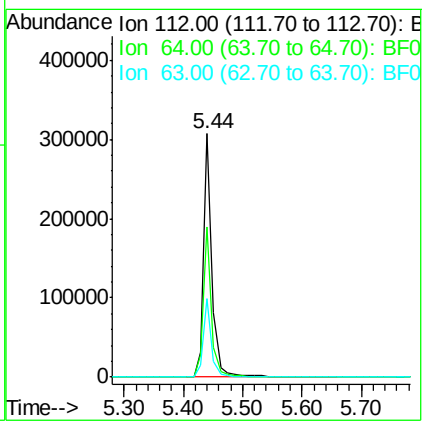


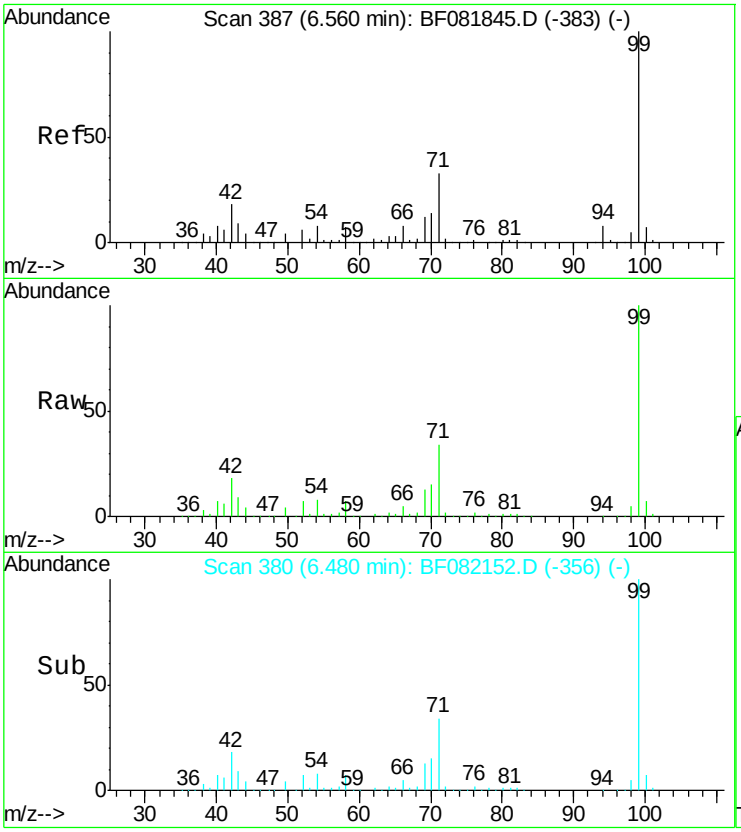


#5
2-Fluorophenol
Concen: 32.27 ng
RT: 5.44 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:112 Resp: 314767

Ion	Ratio	Lower	Upper
112	100		
64	61.7	39.7	59.5#
63	32.2	17.4	26.0#



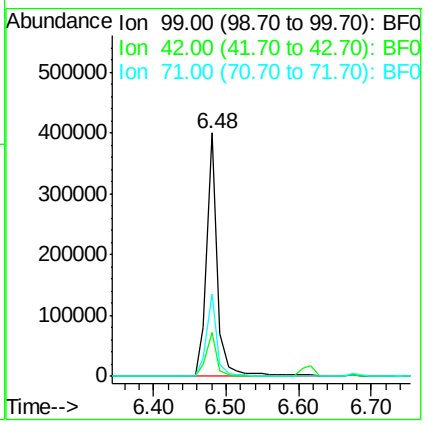


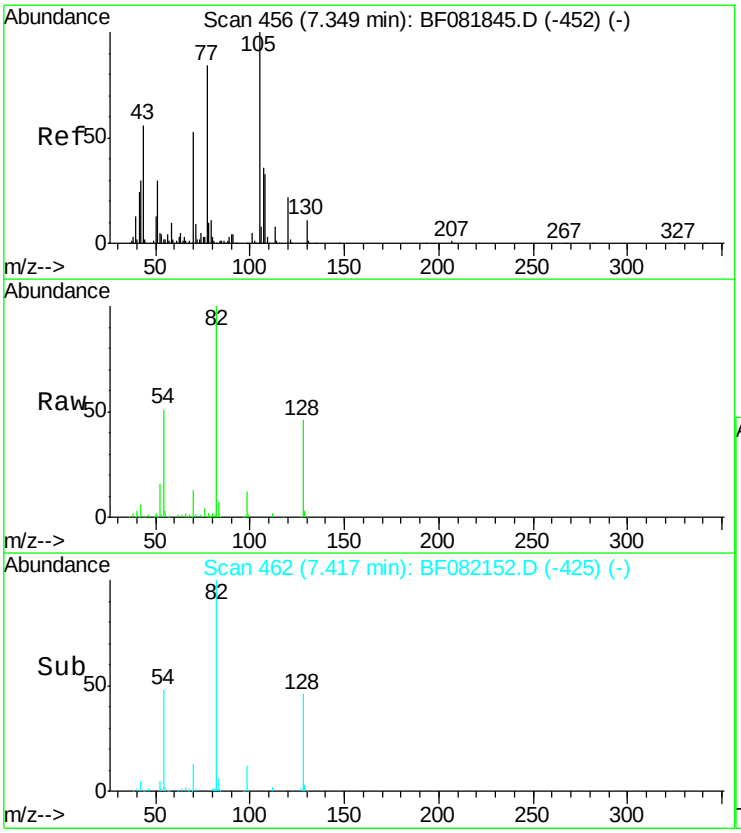
#7
Phenol-d6
Concen: 33.95 ng
RT: 6.48 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 416731

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.0	14.2	21.2#

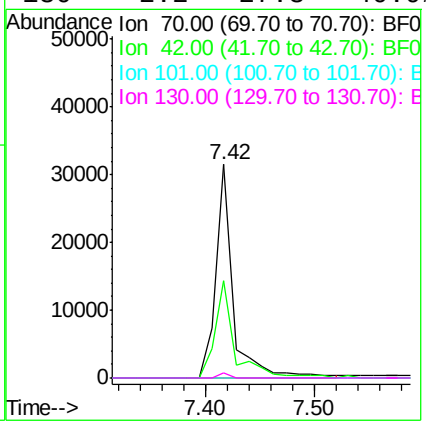


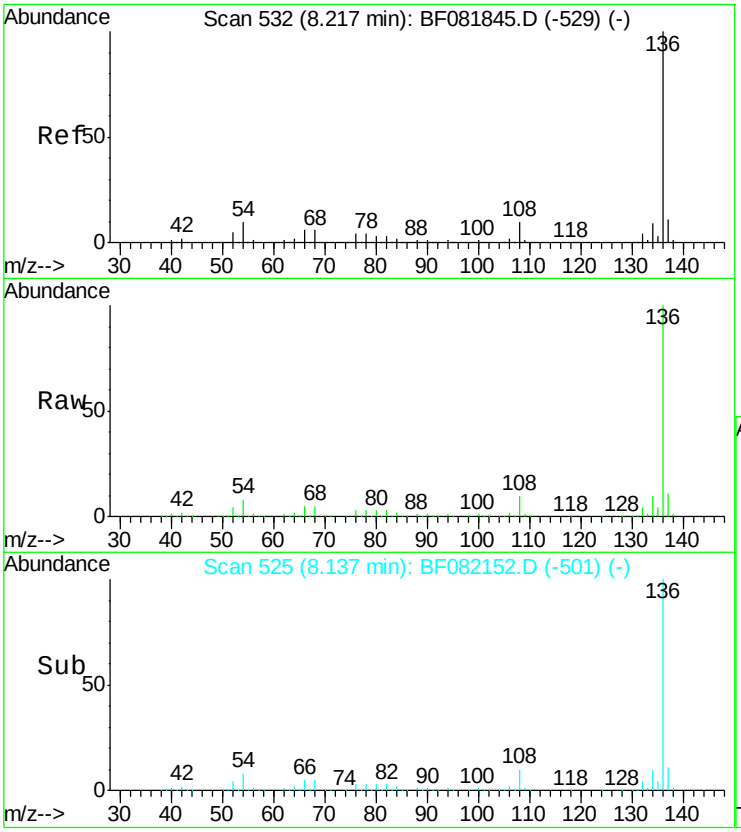


#19
n-Nitroso-di-n-propylamine
Concen: 4.74 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.13 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion: 70 Resp: 35349

Ion	Ratio	Lower	Upper
70	100		
42	45.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



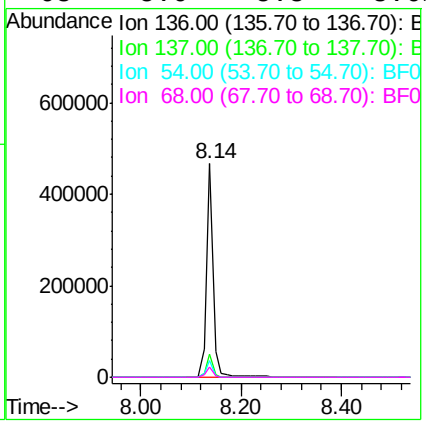


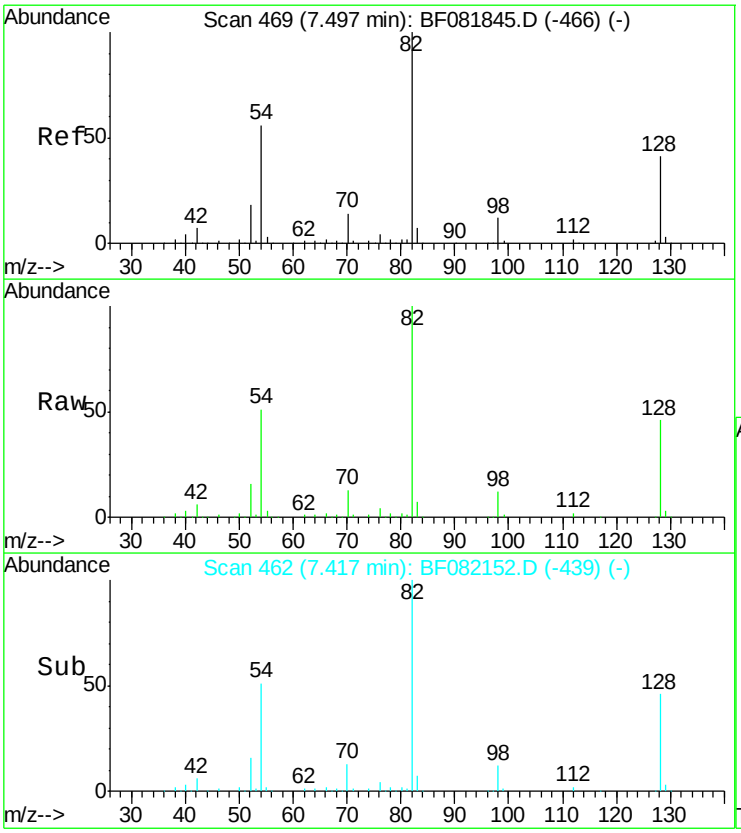
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 430492

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.6	8.2	12.2#
68	5.0	5.8	8.6#

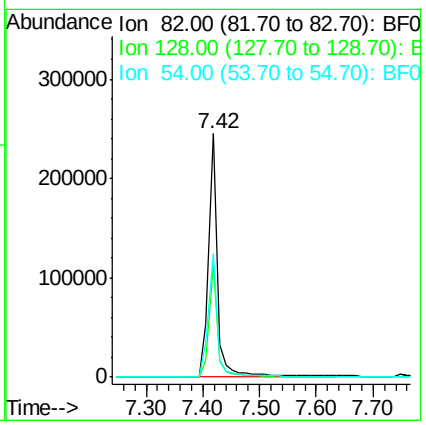


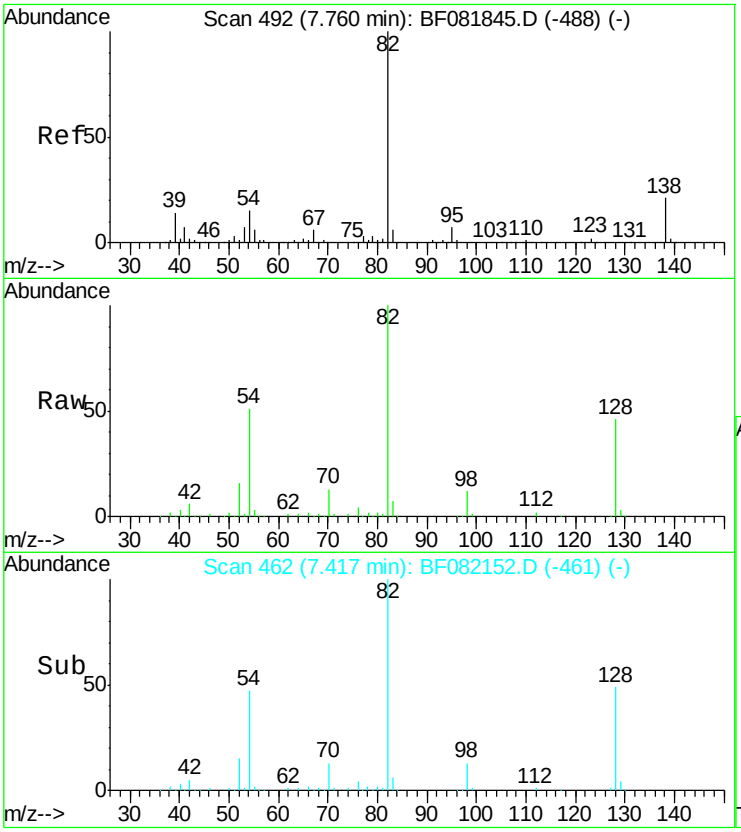


#23
Nitrobenzene-d5
Concen: 41.11 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion: 82 Resp: 265512

Ion	Ratio	Lower	Upper
82	100		
128	45.8	51.0	76.6#
54	50.7	47.5	71.3



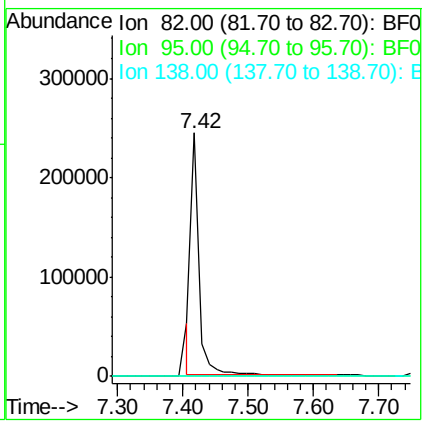


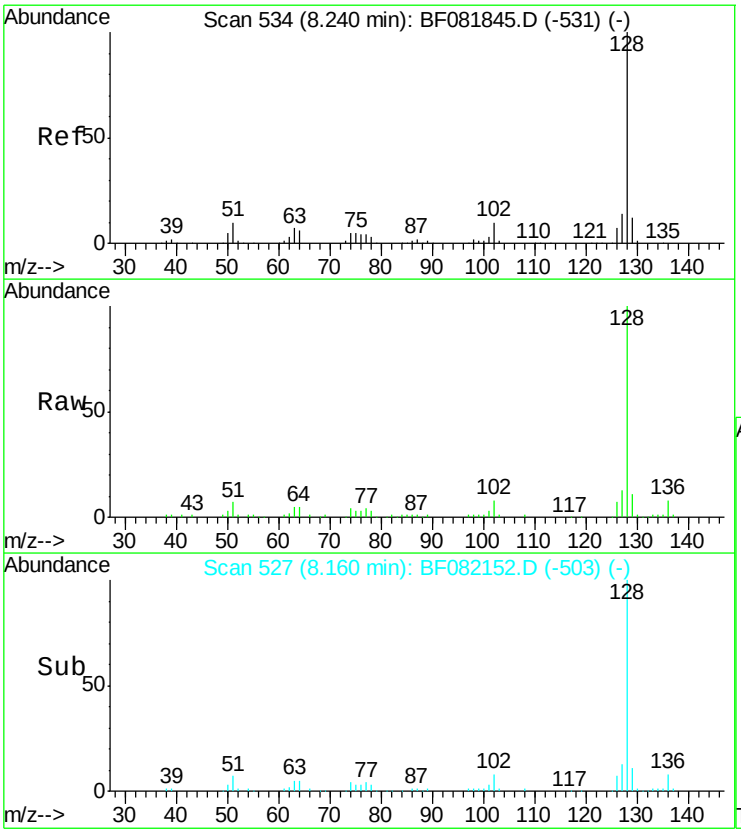
#25
Isophorone
Concen: 16.61 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.29 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 212659

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

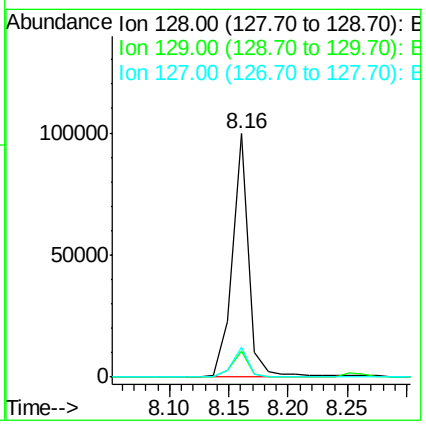


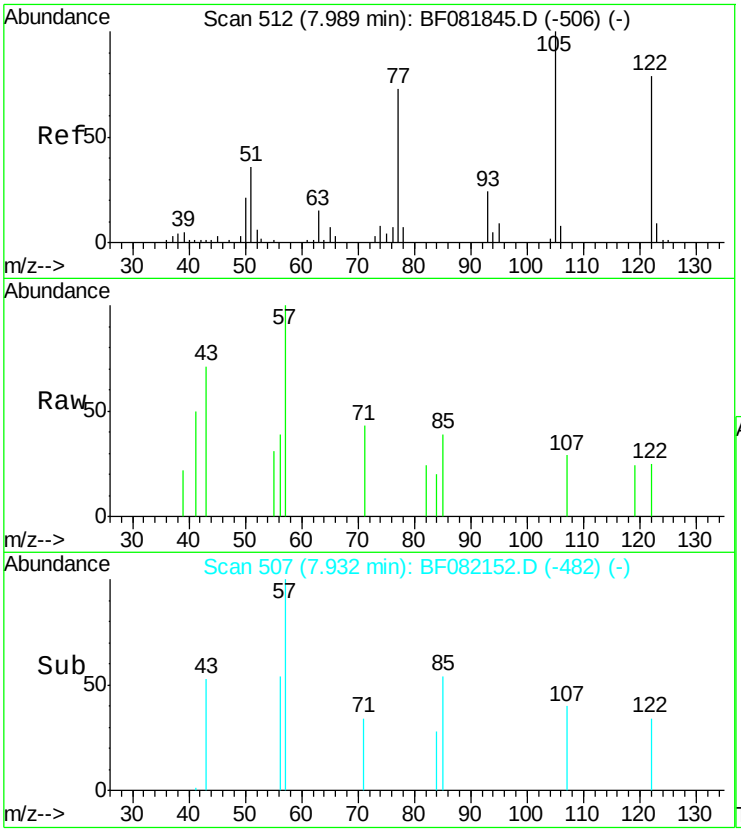


#31
Naphthalene
Concen: 5.03 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:128 Resp: 95956

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	12.5	9.9	14.9



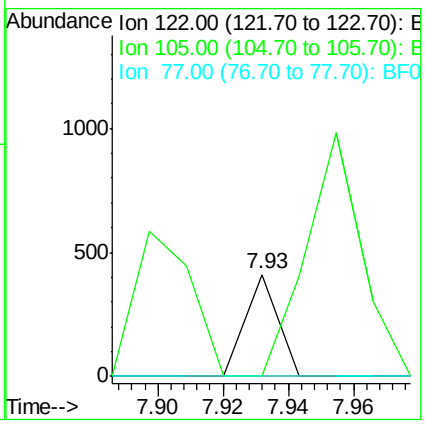


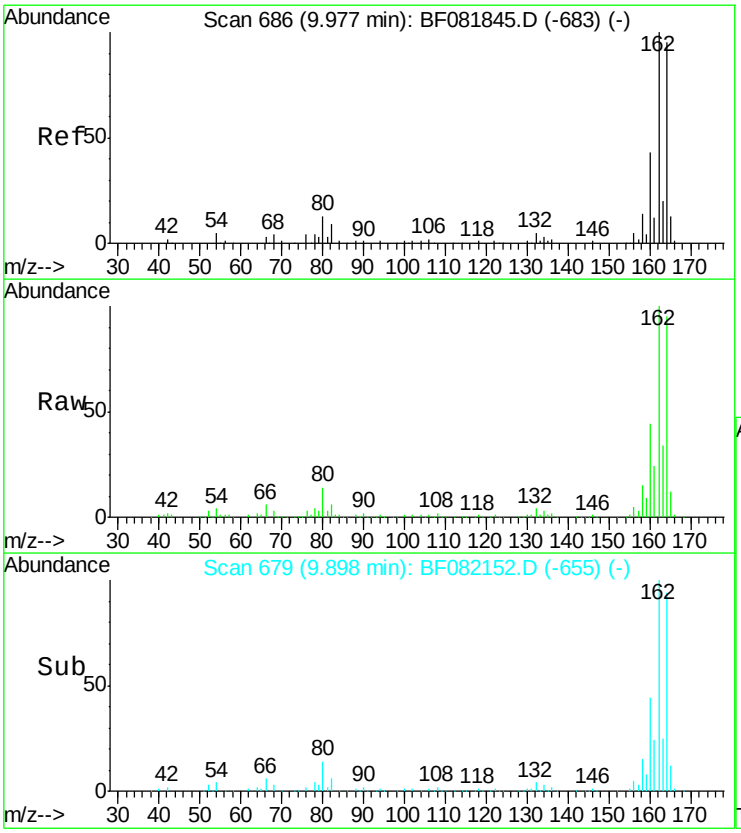
#32
Benzoic acid
Concen: 7.41 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 282

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

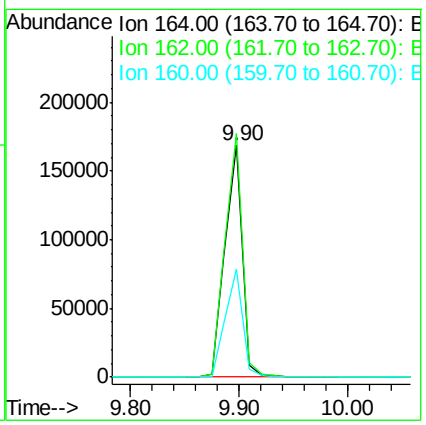


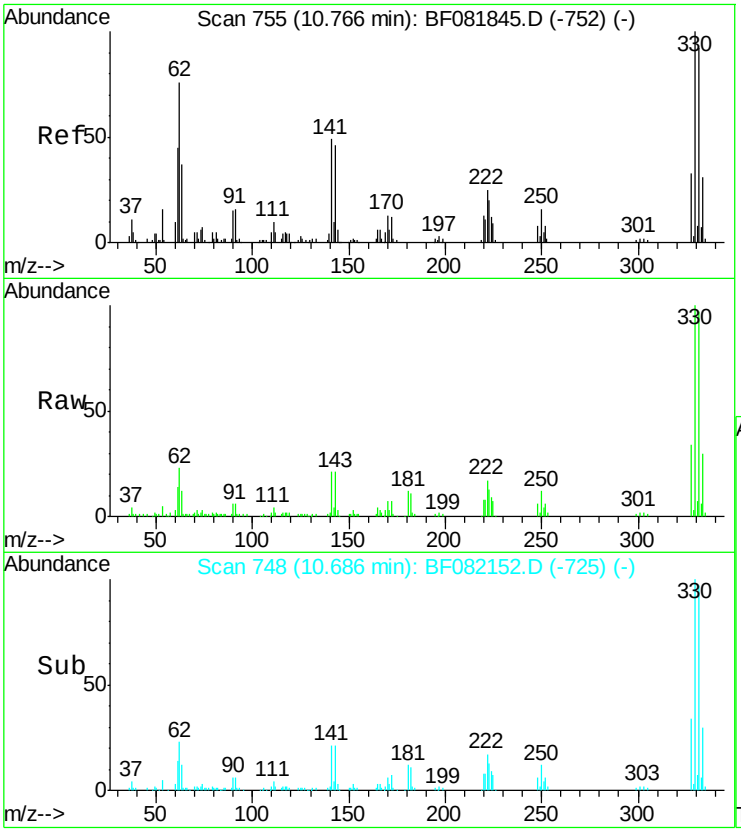


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:164 Resp: 185881

Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	46.7	31.5	47.3



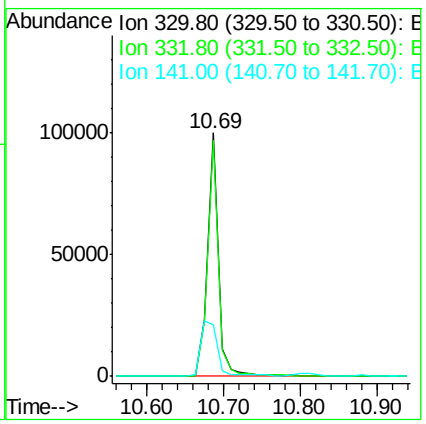


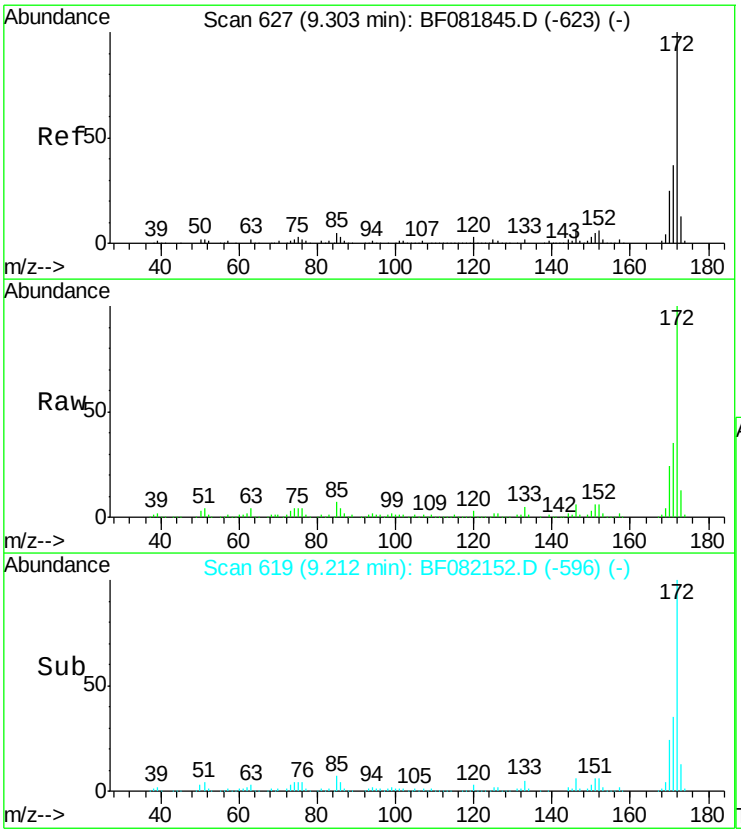
#41
2,4,6-Tribromophenol
Concen: 52.24 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 98348

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	36.3	29.7	44.5

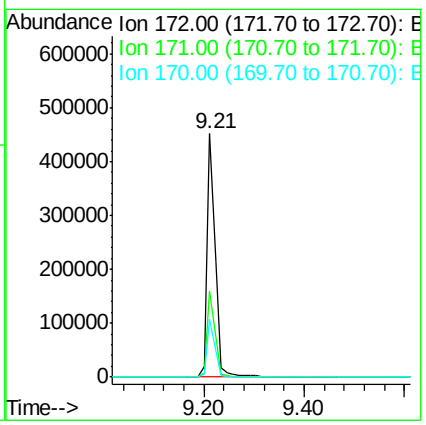


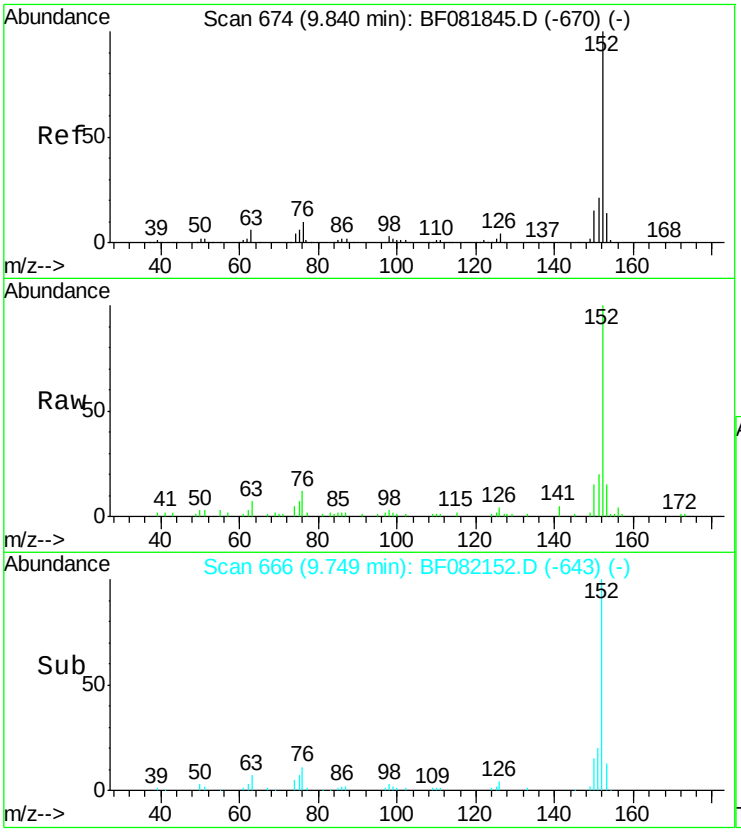


#44
2-Fluorobiphenyl
Concen: 41.28 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:172 Resp: 508002

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.8	17.4	26.2



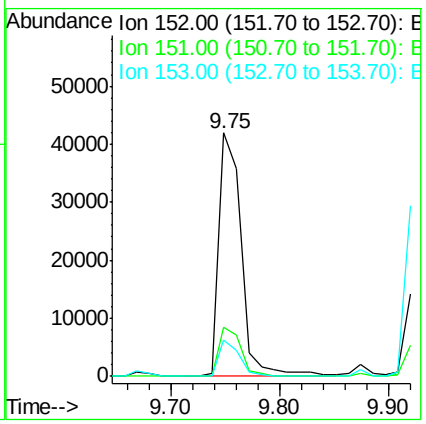


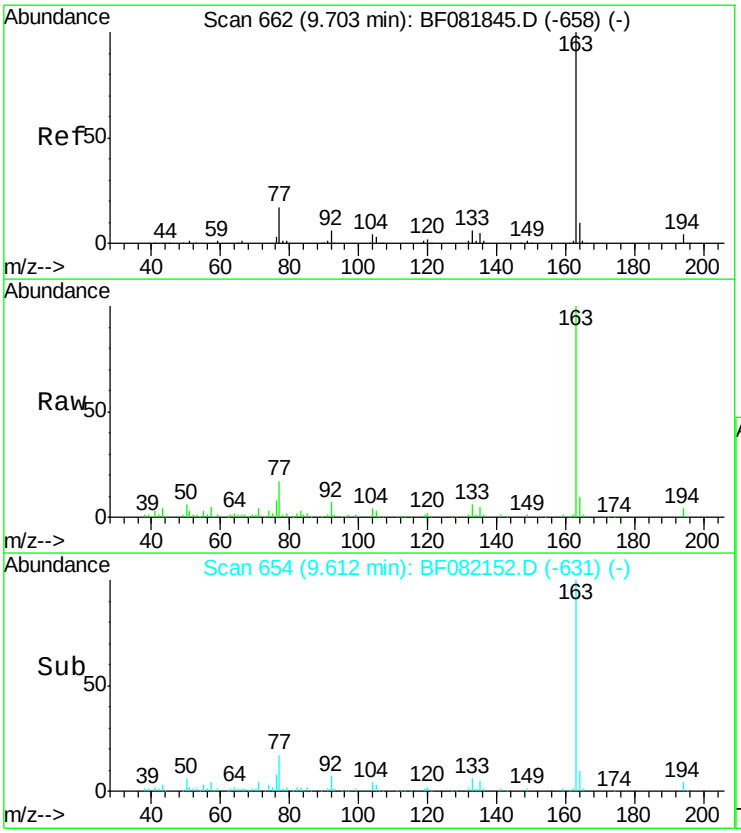
#48
Acenaphthylene
Concen: 3.35 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60301

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.6	22.0
153	15.0	10.3	15.5

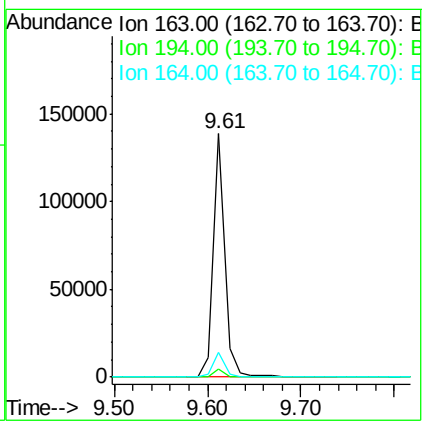


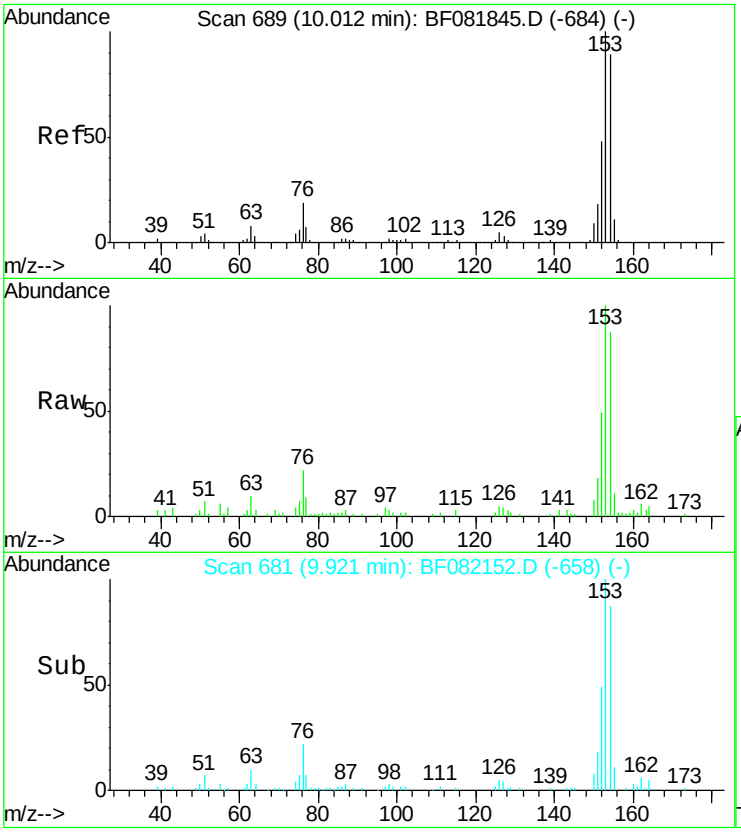


#49
Dimethylphthalate
Concen: 9.22 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:163 Resp: 118247

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.3	8.3	12.5



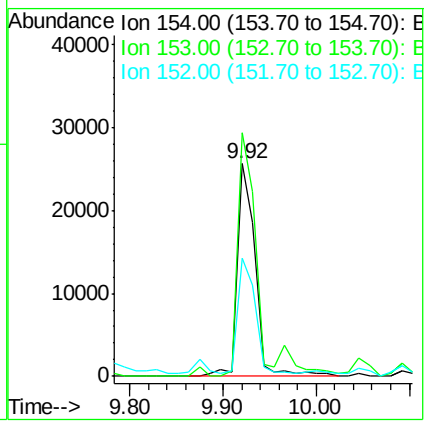


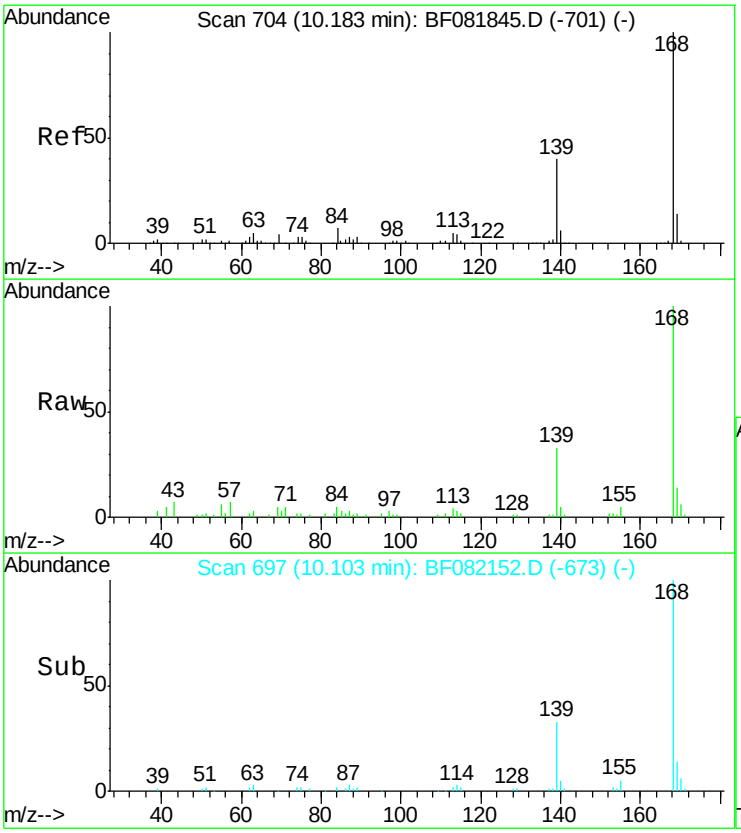
#51
Acenaphthene
Concen: 3.20 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34272

Ion	Ratio	Lower	Upper
154	100		
153	114.7	82.1	123.1
152	55.7	37.9	56.9

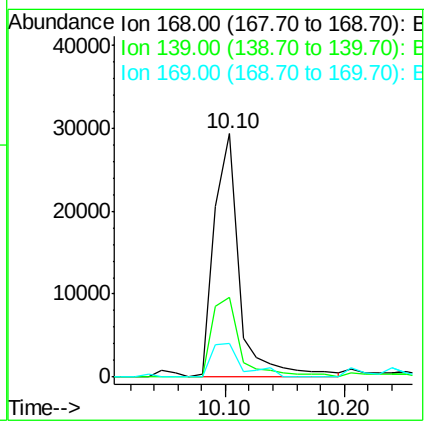


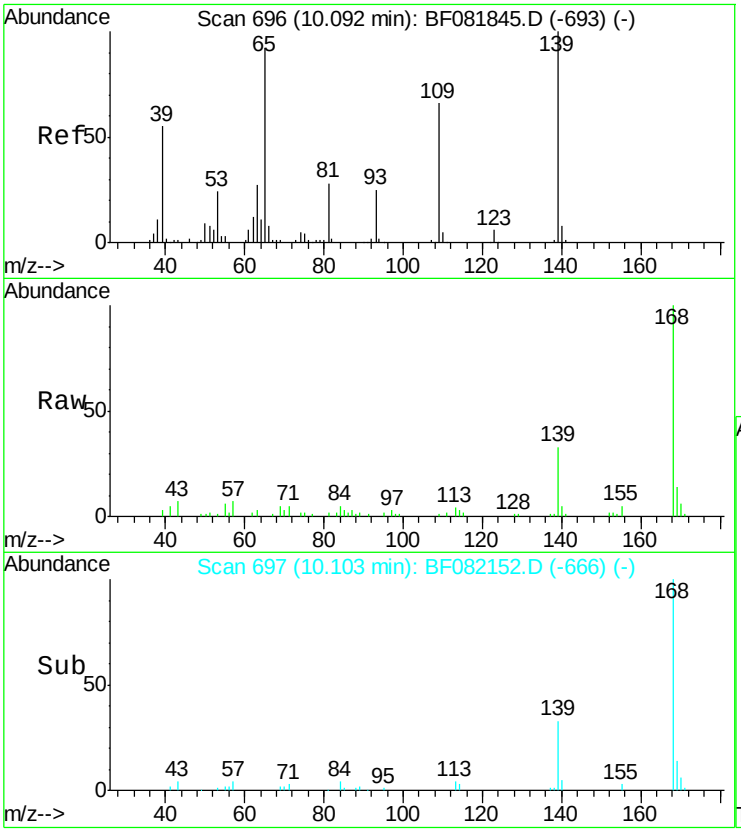


#54
Dibenzofuran
Concen: 2.84 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:168 Resp: 42894

Ion	Ratio	Lower	Upper
168	100		
139	32.9	24.2	36.2
169	14.0	10.6	15.8



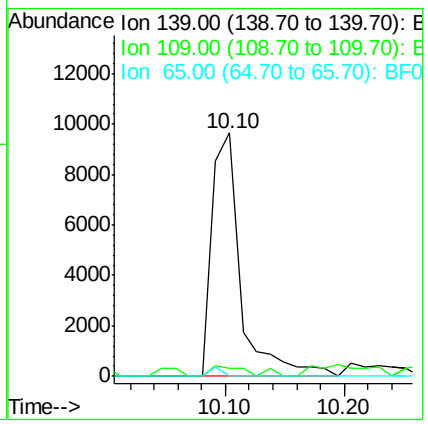


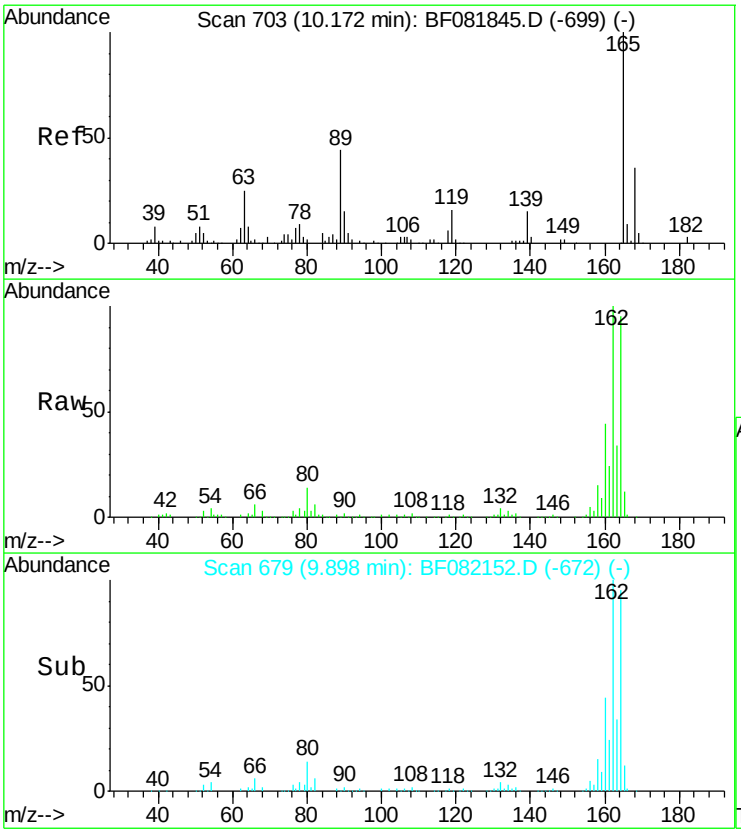
#55
4-Nitrophenol
Concen: 6.90 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.06 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 16072

Ion	Ratio	Lower	Upper
139	100		
109	3.4	12.7	52.7#
65	0.0	45.9	85.9#

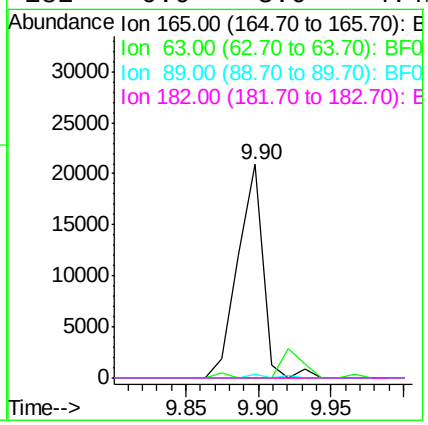


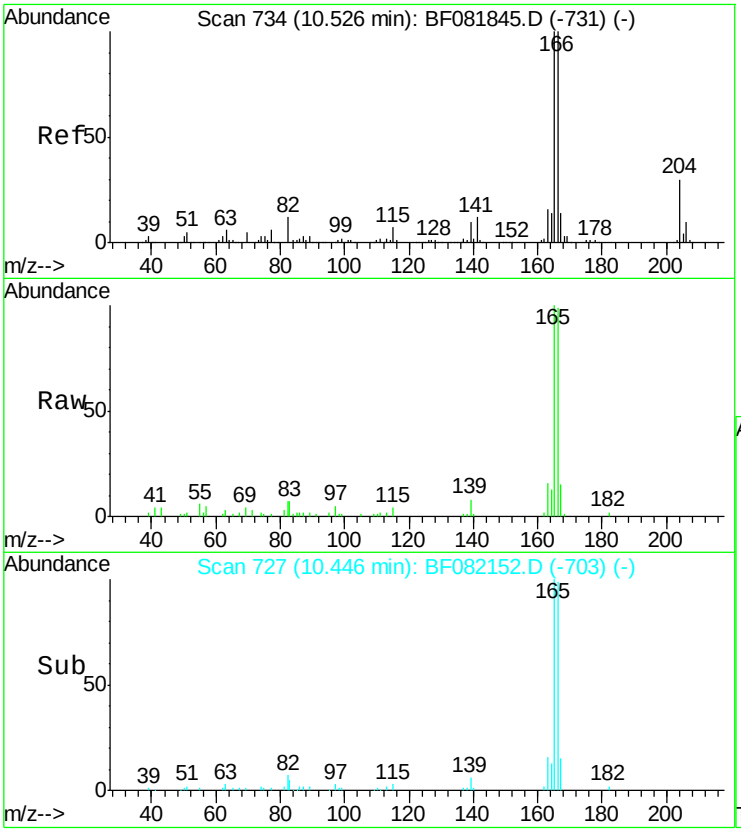


#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:165 Resp: 25383

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.9	44.5	66.7#
182	0.0	3.0	4.4#



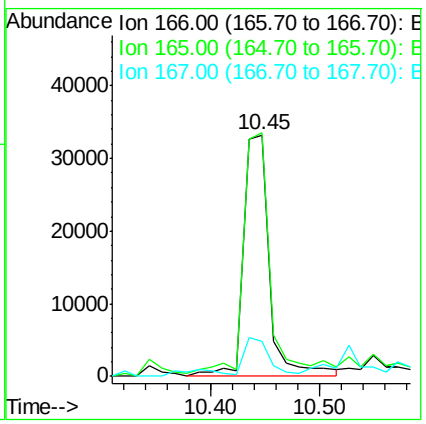


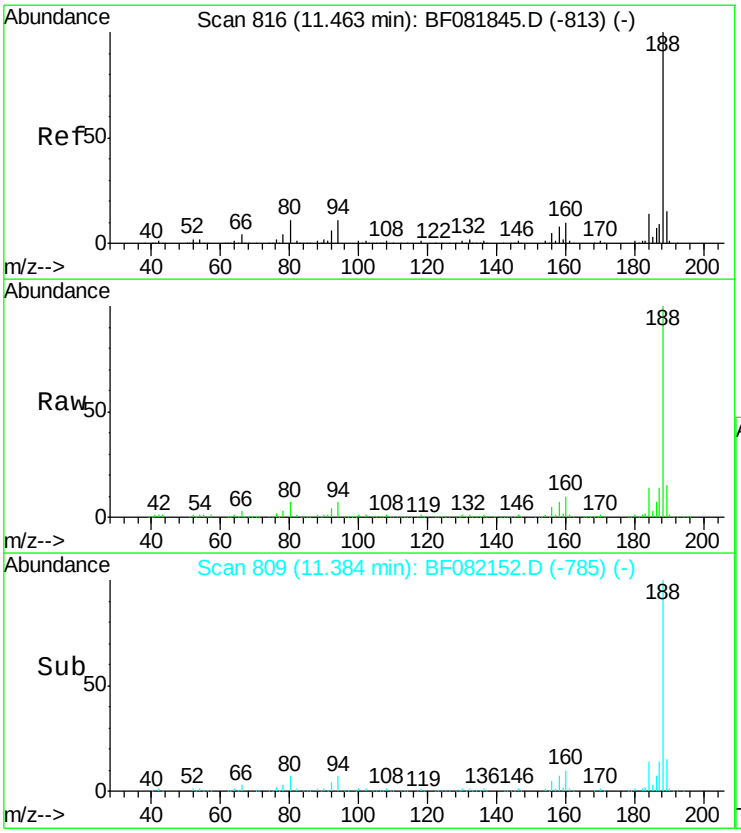
#57
Fluorene
Concen: 3.11 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 55117

Ion	Ratio	Lower	Upper
166	100		
165	100.7	72.6	109.0
167	14.7	10.6	16.0

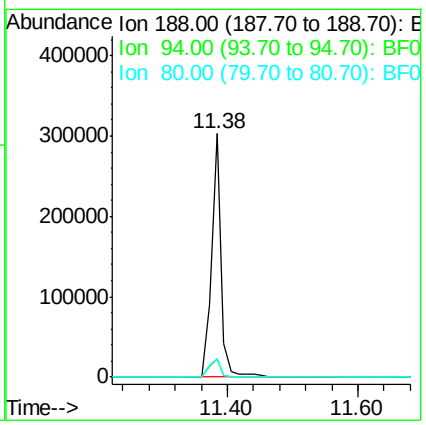


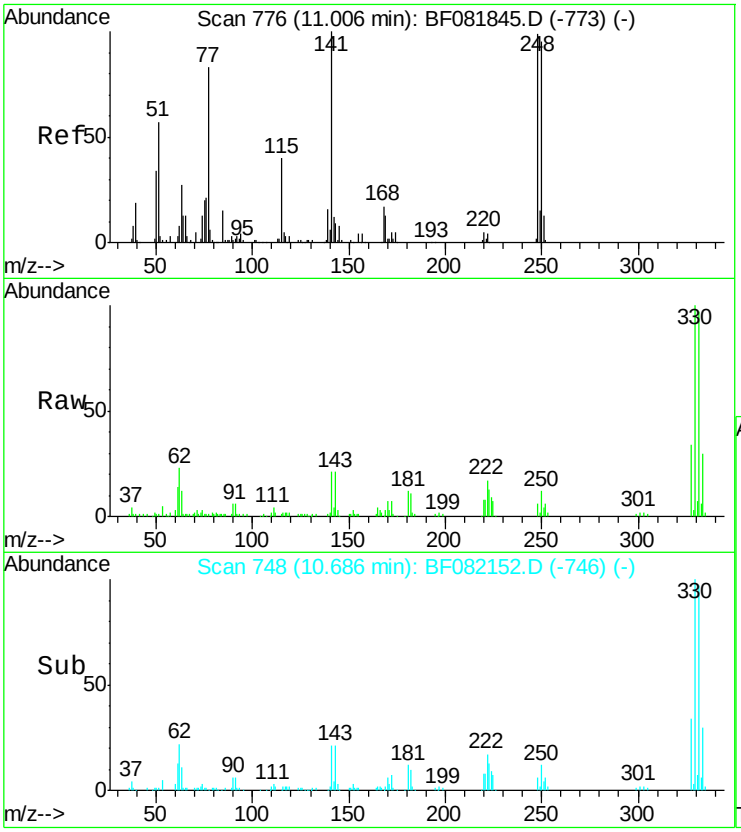


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:188 Resp: 317235

Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	7.4	11.0	16.4#



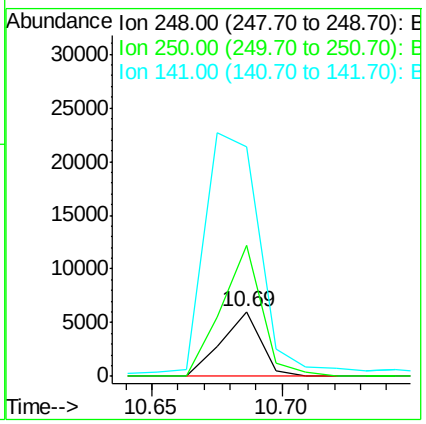


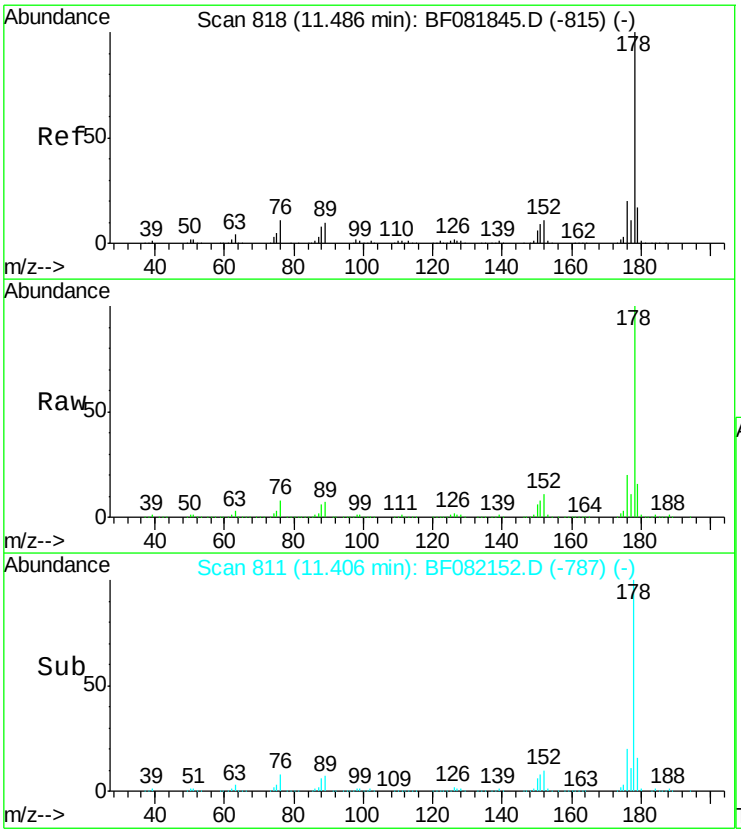
#66
4-Bromophenyl-phenylether
Concen: 2.01 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6442

Ion	Ratio	Lower	Upper
248	100		
250	202.5	78.5	117.7#
141	354.0	59.0	88.6#

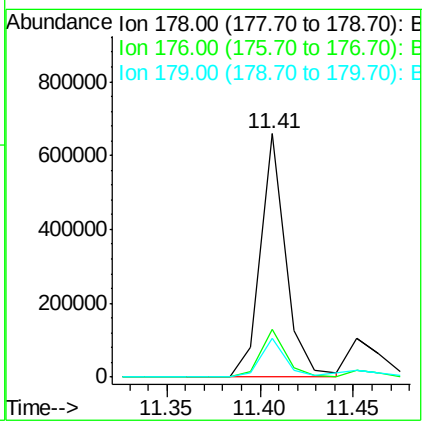


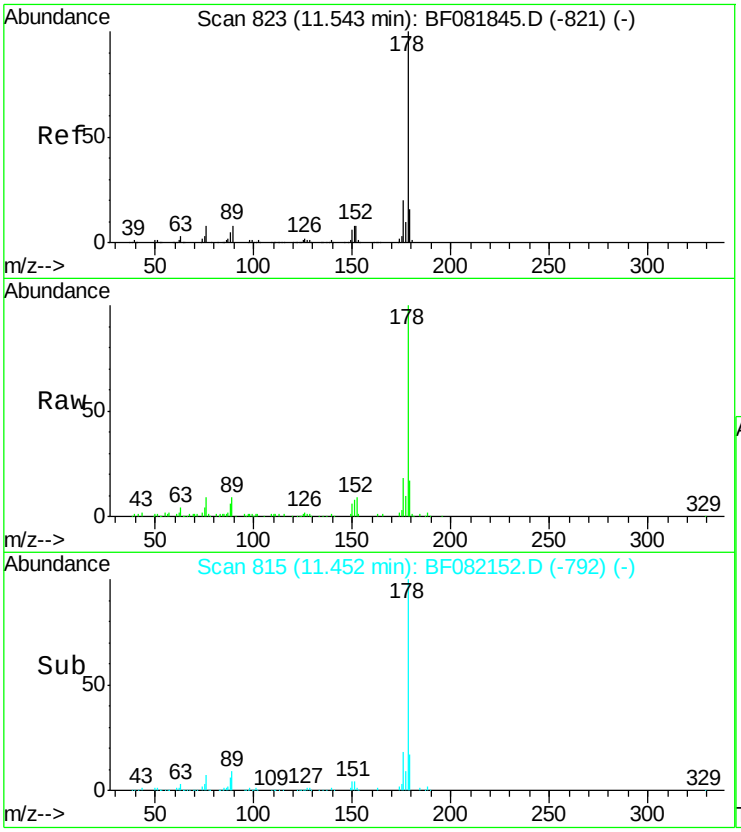


#70
Phenanthrene
Concen: 40.08 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:178 Resp: 614708

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.9	12.2	18.2



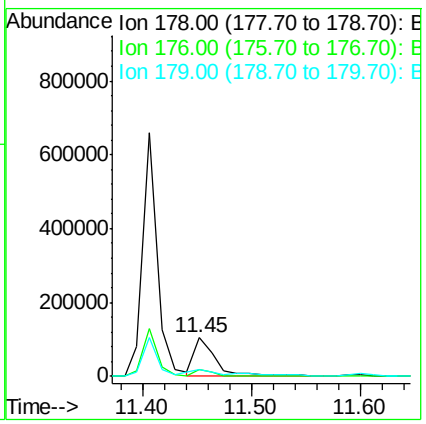


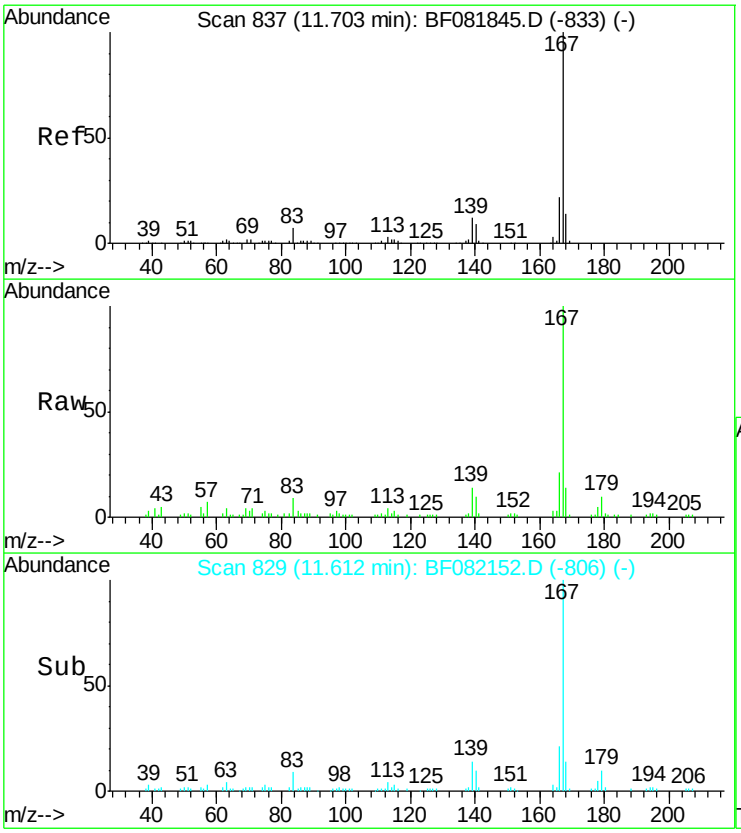
#71
Anthracene
Concen: 8.78 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 141620

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.1	21.1
179	17.3	12.2	18.2

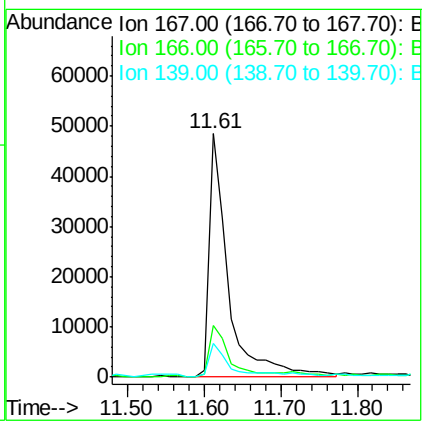


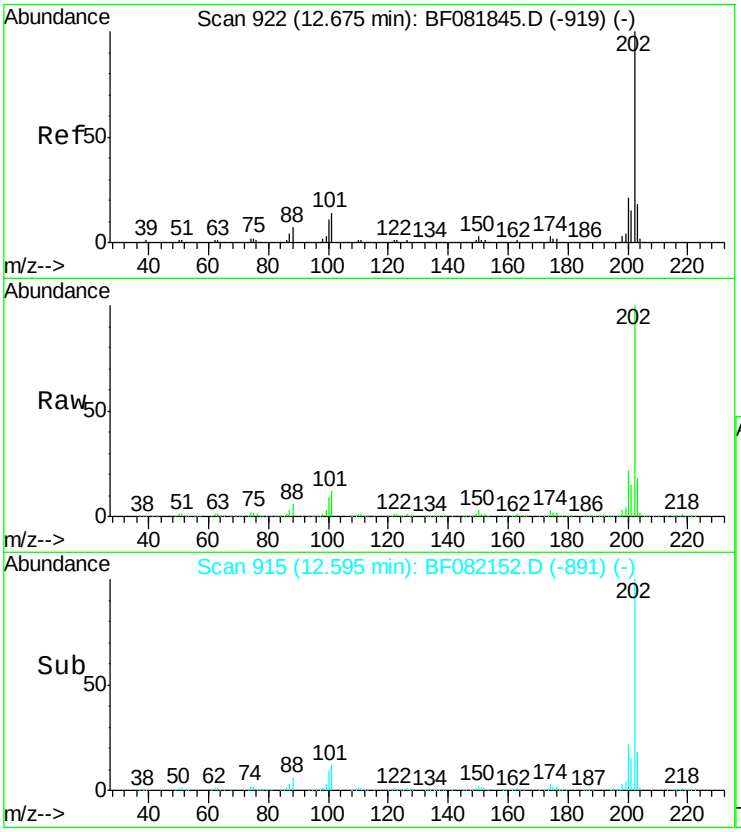


#72
Carbazole
Concen: 5.74 ng
RT: 11.61 min Scan# 829
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:167 Resp: 83821

Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	13.7	9.5	14.3



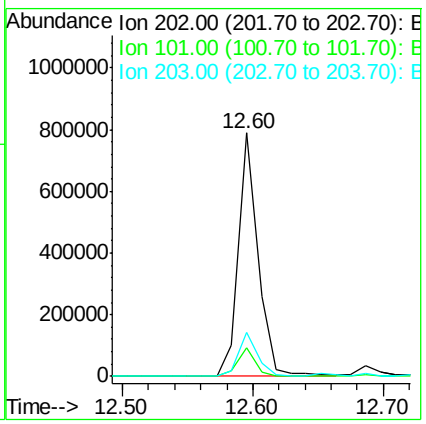


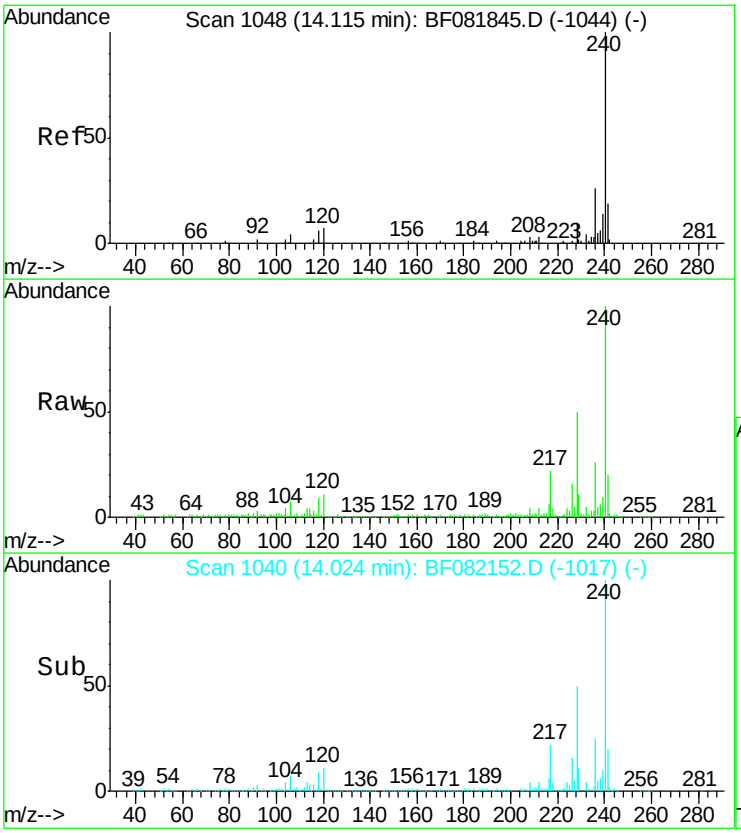
#74
Fluoranthene
Concen: 48.30 ng
RT: 12.60 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 820765

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	38.3
203	18.3	0.0	37.3

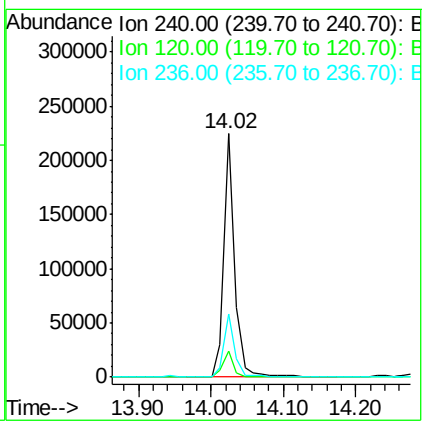


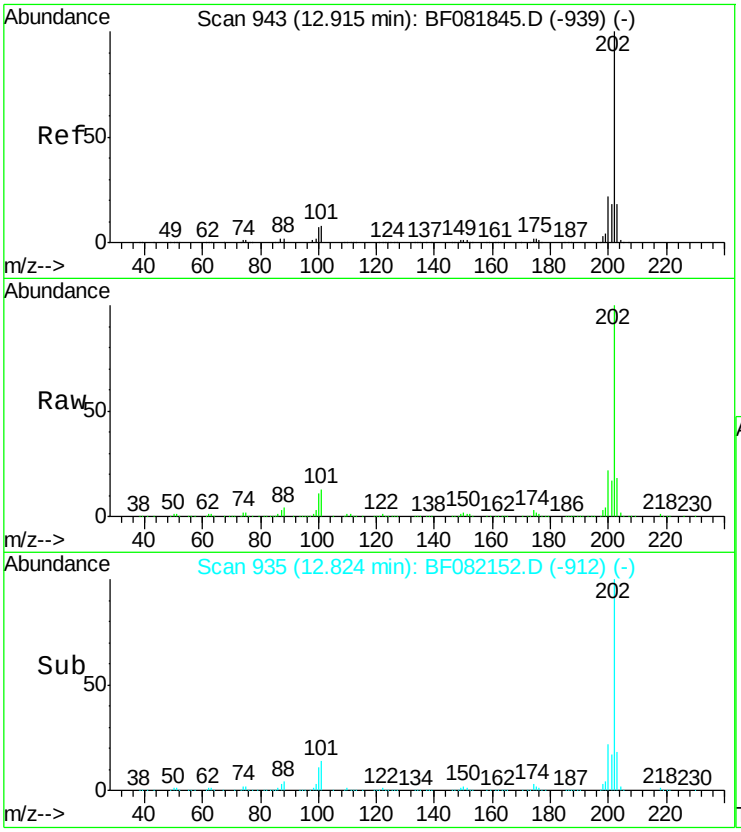


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:240 Resp: 236346

Ion	Ratio	Lower	Upper
240	100		
120	10.5	16.2	24.2#
236	25.8	18.4	27.6



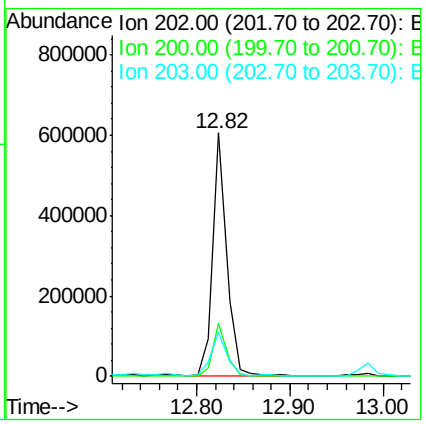


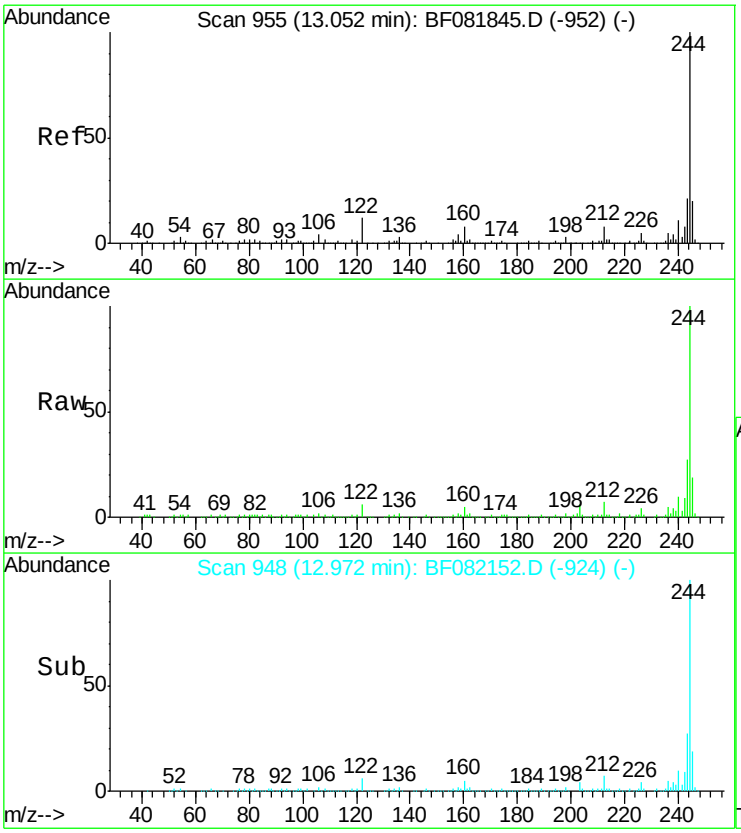
#77
Pyrene
Concen: 44.64 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 630308

Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	18.2	14.1	21.1

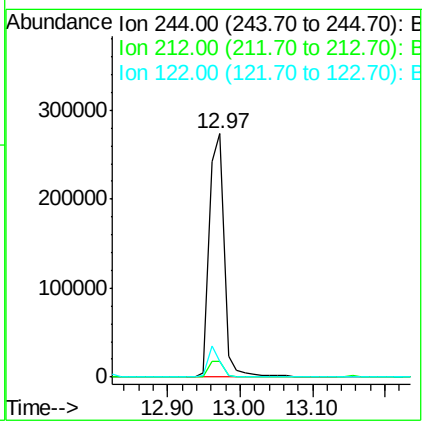


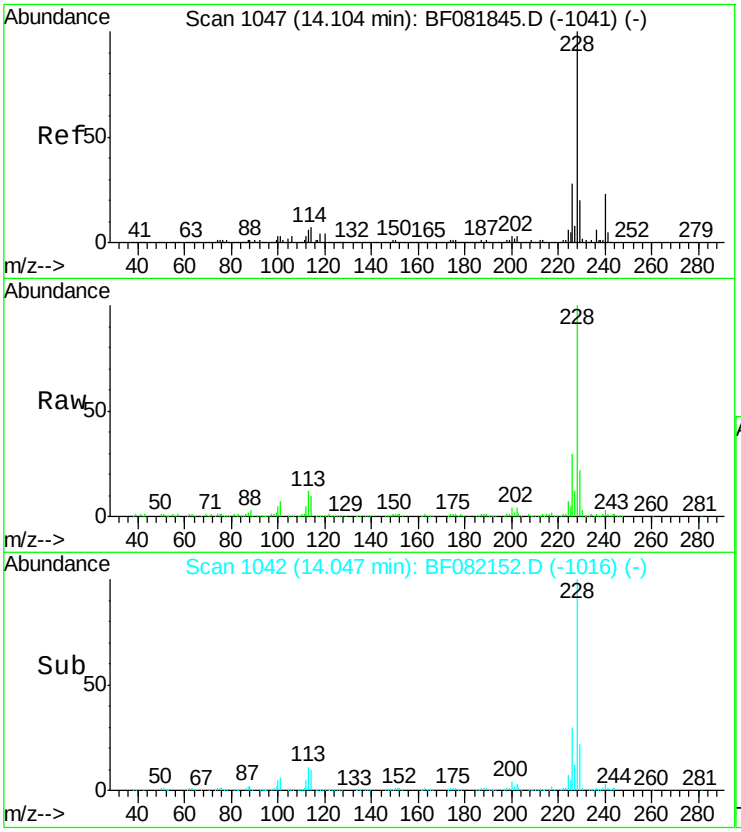


#78
Terphenyl-d14
Concen: 47.12 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:244 Resp: 390800

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.3	17.4	26.2#



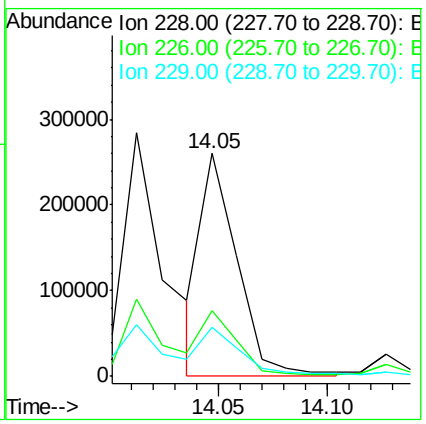


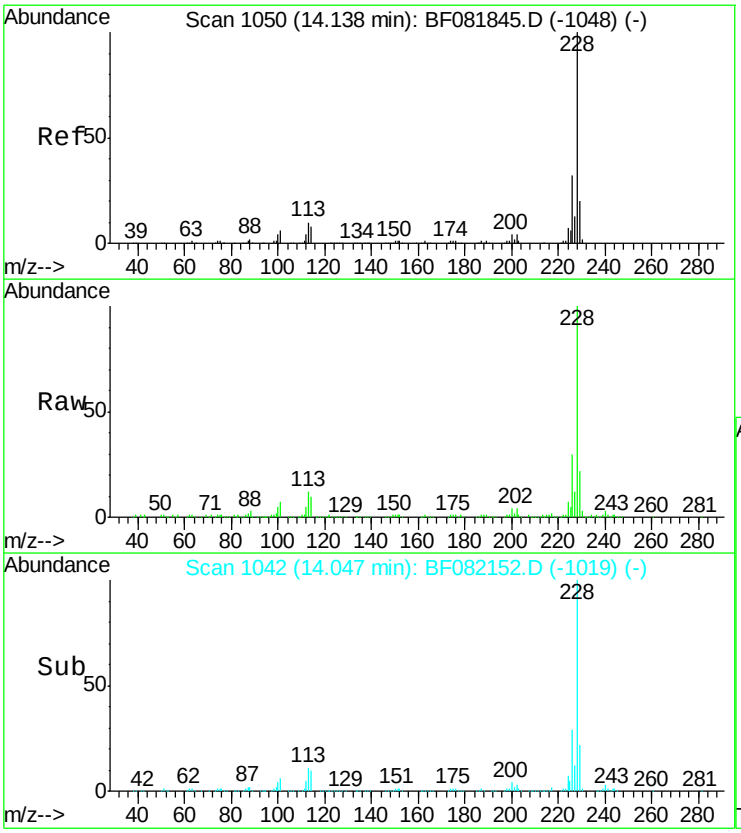
#80
Benzo(a)anthracene
Concen: 23.45 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 298483

Ion	Ratio	Lower	Upper
228	100		
226	29.7	20.0	30.0
229	22.2	15.4	23.2

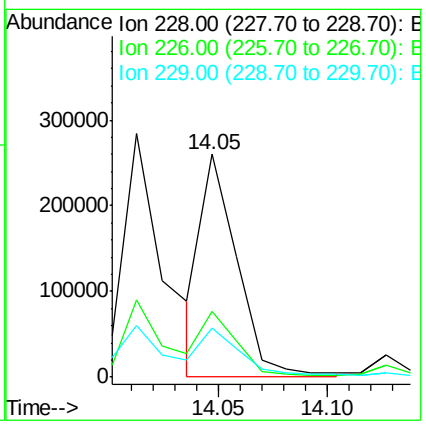


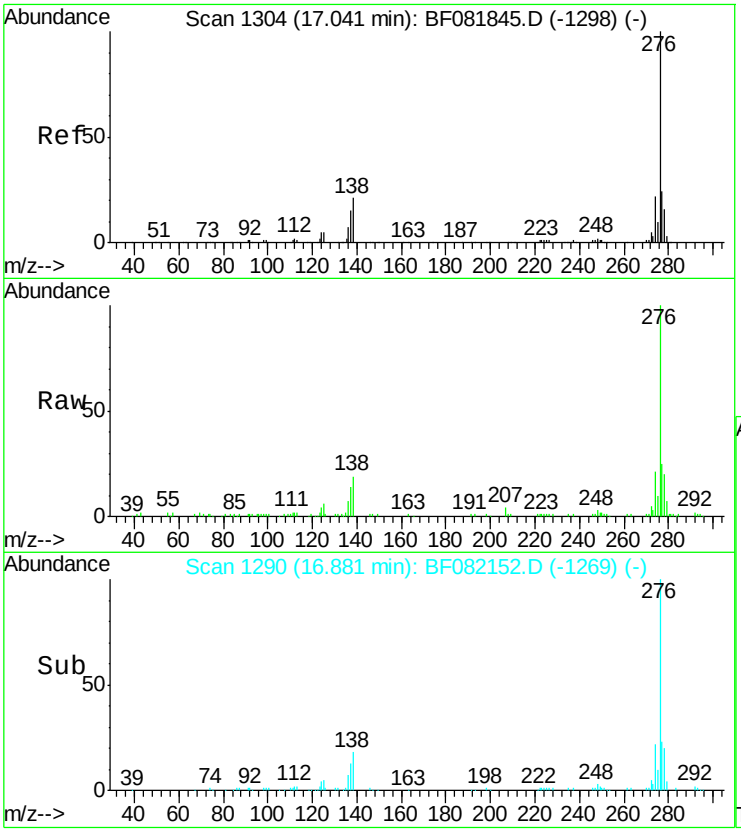


#82
Chrysene
Concen: 21.58 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:228 Resp: 299261

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	22.2	15.6	23.4



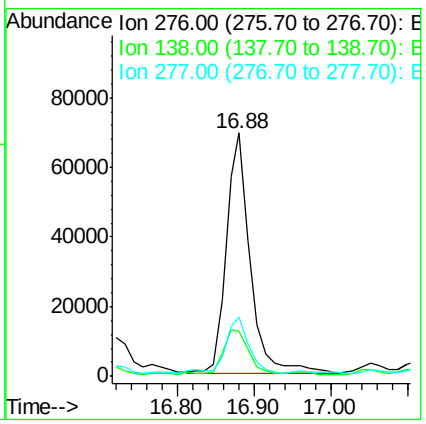


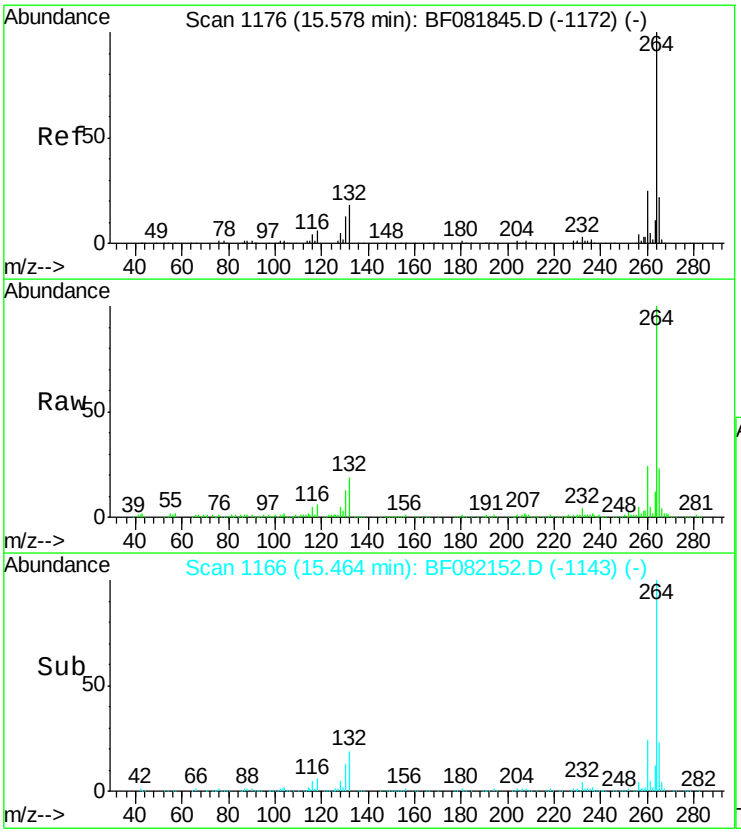
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.09 ng
RT: 16.88 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 150258

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.7	38.5#
277	22.6	15.6	23.4

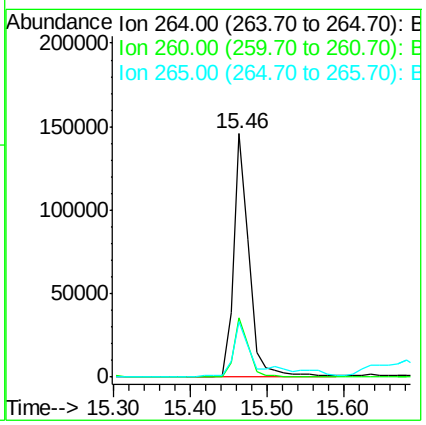


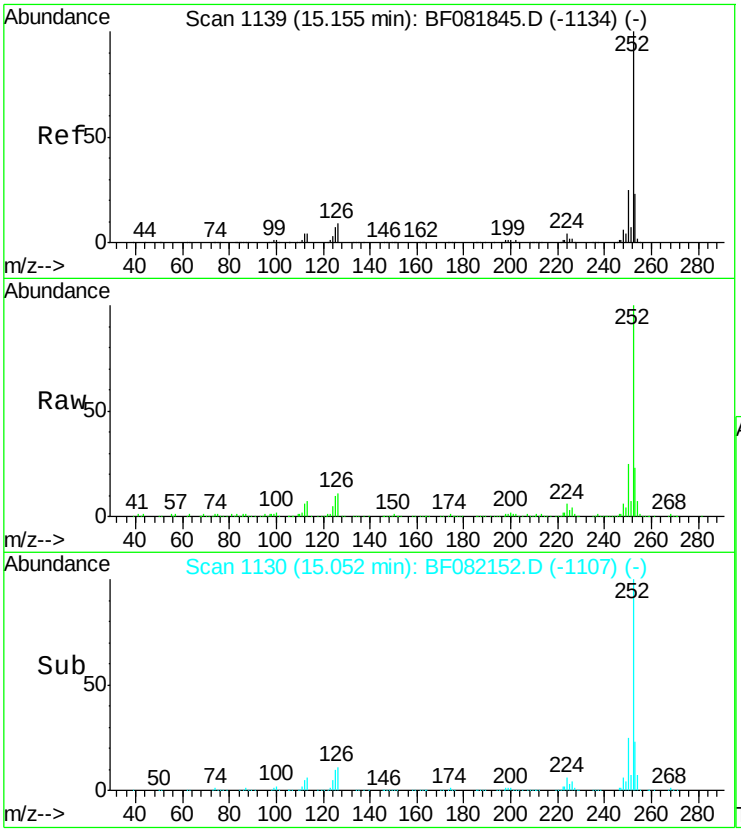


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:264 Resp: 208669

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	23.0	17.2	25.8



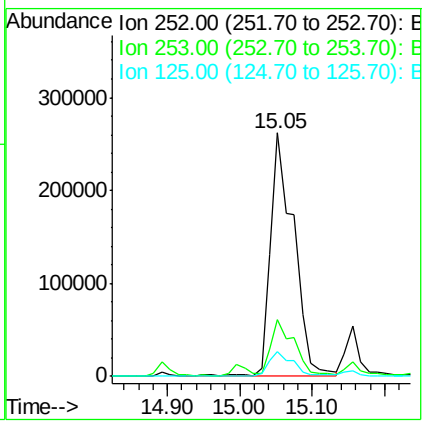


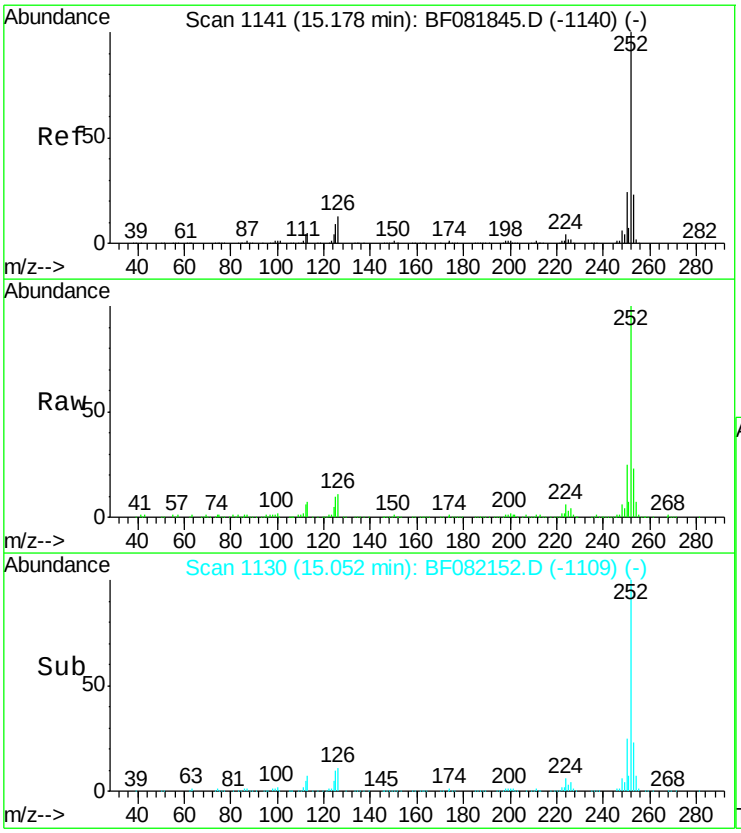
#87
Benzo(b)fluoranthene
Concen: 48.81 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 581489

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.0	17.1	25.7#

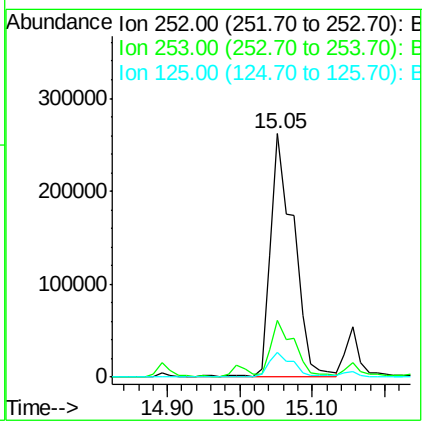


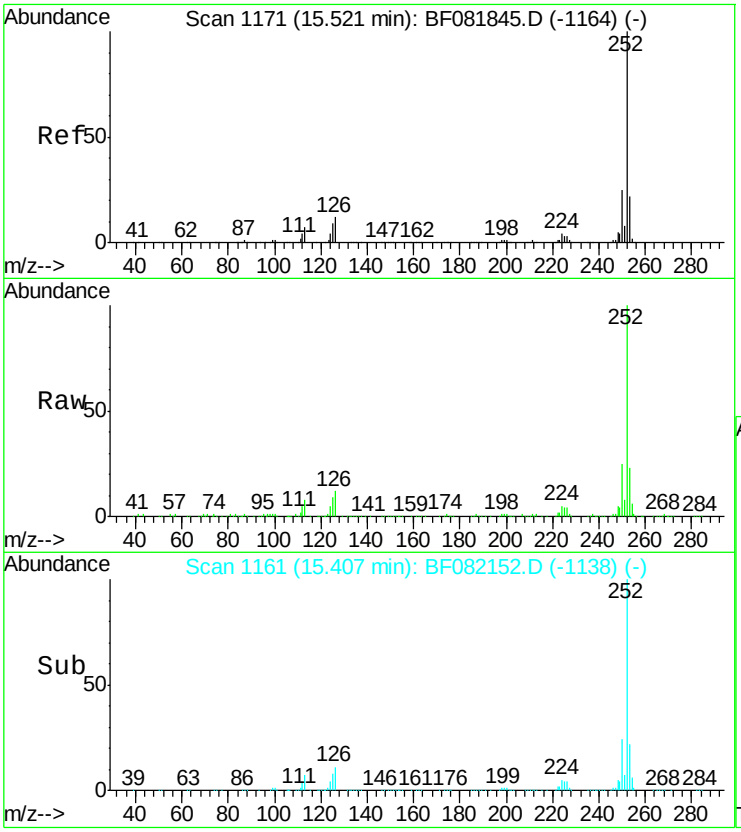


#88
Benzo(k)fluoranthene
Concen: 53.25 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.06 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:252 Resp: 581489

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	10.0	16.0	24.0#



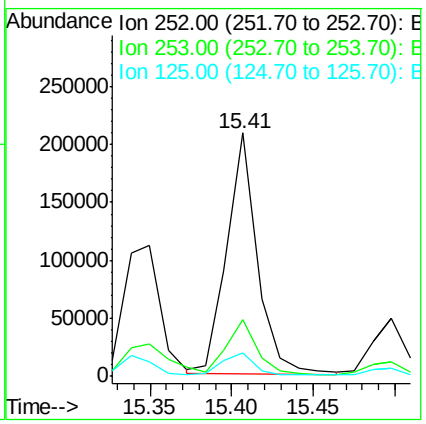


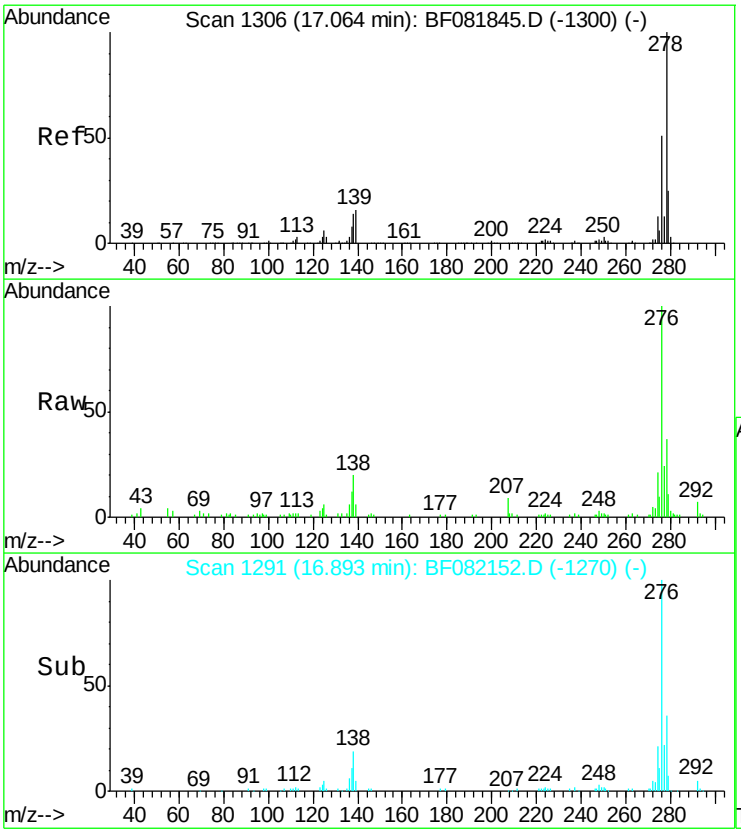
#89
Benzo(a)pyrene
Concen: 26.12 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 269972

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	9.4	18.0	27.0#

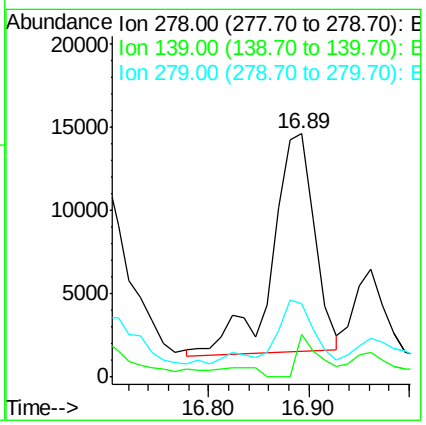


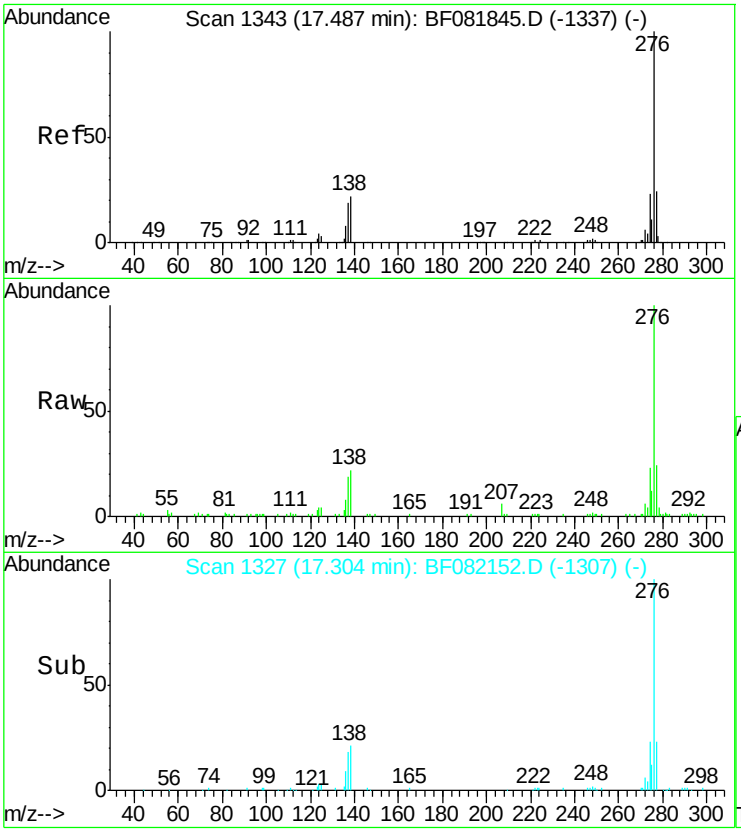


#90
Dibenzo(a,h)anthracene
Concen: 4.43 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:278 Resp: 38445

Ion	Ratio	Lower	Upper
278	100		
139	17.3	26.3	39.5#
279	30.3	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 13.71 ng
RT: 17.30 min Scan# 1327
Delta R.T. -0.07 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 121858

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	21.8	34.6	51.8#