Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
Data File : BF083026.D
Acq On : 18 Nov 2015 23:53
Operator : UM/IZ
Sample : G4436-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 01:53:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117114	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	486957	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	227390	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	370610	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	277662	20.00	ng		-0.01
86) Perylene-d12	15.28	264	249920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	239840	31.86	ng		-0.01
7) Phenol-d6	6.37	99	306000	30.58	ng		-0.02
23) Nitrobenzene-d5	7.29	82	196409	17.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	51737	19.84	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	346996	21.87	ng		-0.01
78) Terphenyl-d14	12.83	244	239144	20.43	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	26243	3.57	ng	#	71
48) Acenaphthylene	9.63	152	229846	9.64	ng		96
49) Dimethylphthalate	9.49	163	82915	4.45	ng		98
55) 4-Nitrophenol	9.97	139	6936	2.07	ng	#	5
57) Fluorene	10.32	166	45764	2.77	ng		94
70) Phenanthrene	11.28	178	505052	23.47	ng		96
71) Anthracene	11.32	178	271758	11.99	ng		95
74) Fluoranthene	12.47	202	1201767	52.03	ng		94
77) Pyrene	12.68	202	976130	51.19	ng		97
80) Benzo(a)anthracene	13.87	228	758675	43.69	ng		94
82) Chrysene	13.87	228	758675	47.71	ng		96
85) Indeno(1,2,3-cd)pyrene	16.58	276	203207	14.84	ng		97
87) Benzo(b)fluoranthene	14.89	252	880574	54.89	ng	#	97
88) Benzo(k)fluoranthene	14.89	252	879779	61.82	ng	#	96
89) Benzo(a)pyrene	15.16	252	282684	20.34	ng		95
90) Dibenzo(a,h)anthracene	16.74	278	50007	4.25	ng		93
91) Benzo(g,h,i)perylene	16.98	276	161555	14.33	ng		99

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

Quantitation Report (Not Reviewed)

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QLast Update : Wed Nov 18 13:32:32 2015
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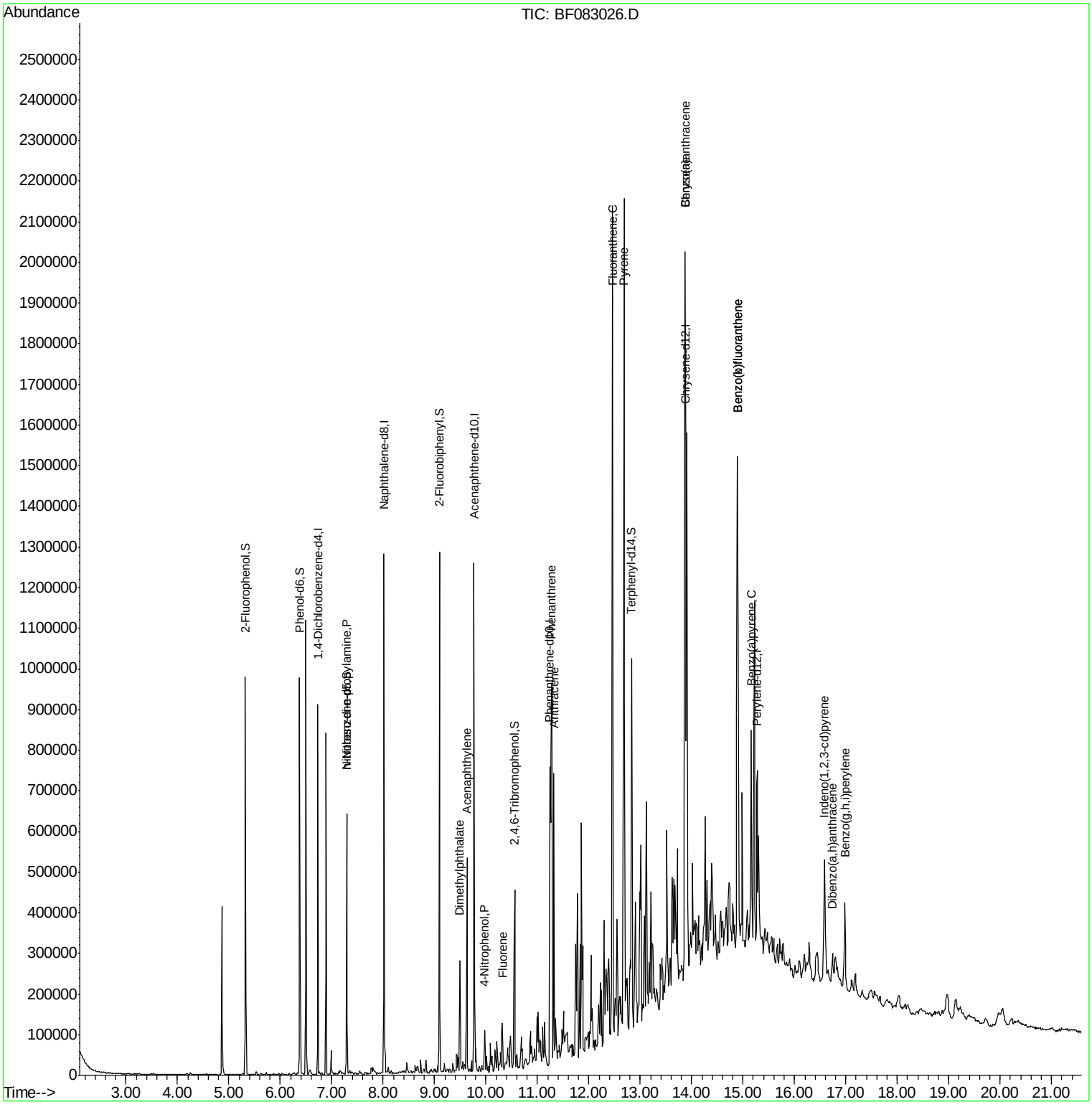
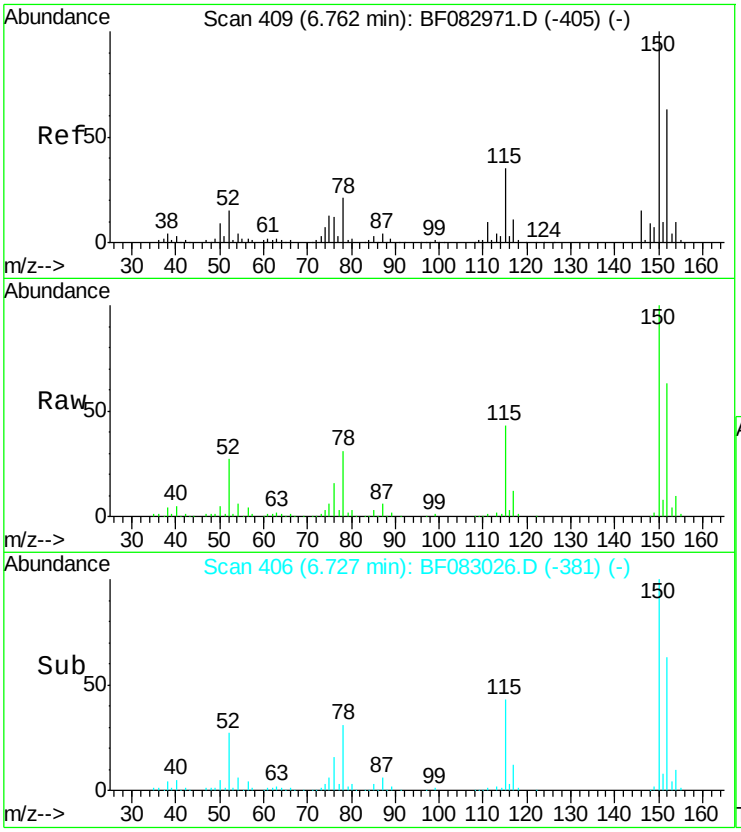


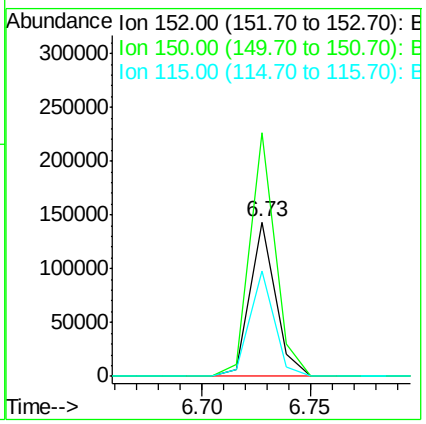


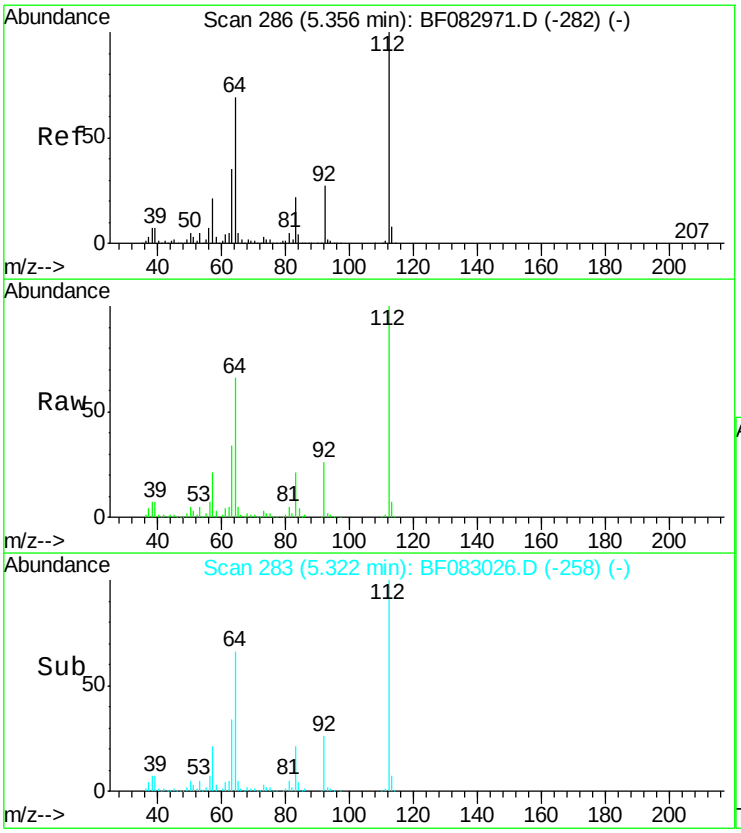
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117114

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.0	190.4
115	67.9	47.0	70.6

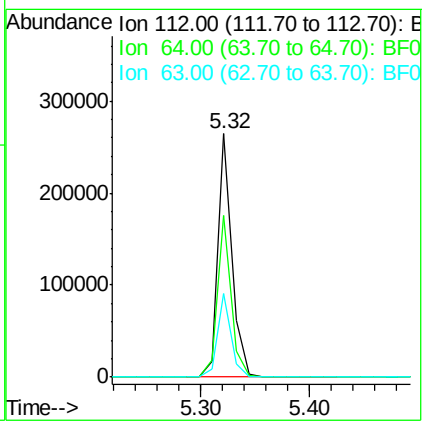


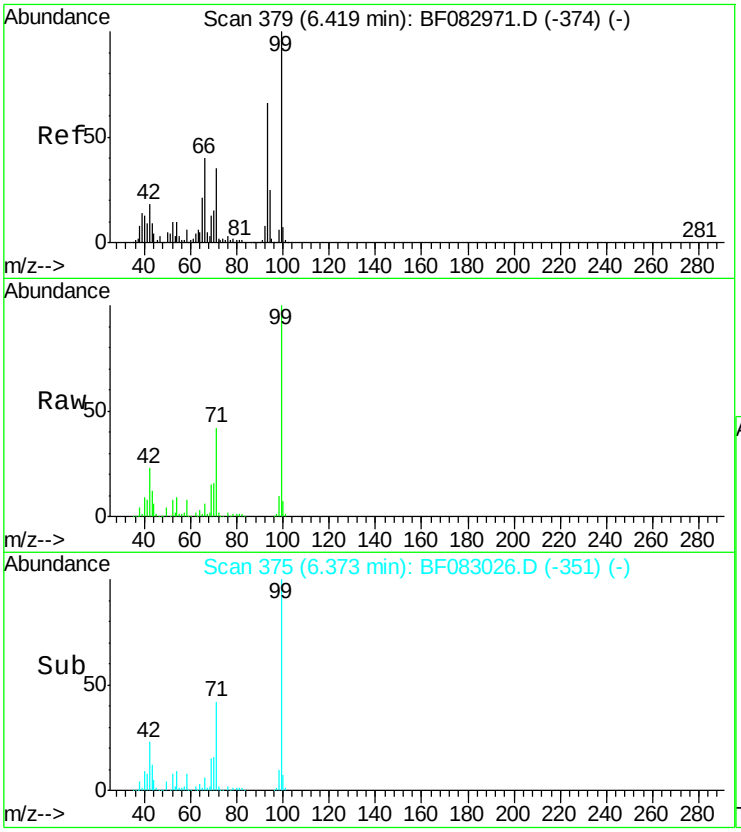


#5
2-Fluorophenol
Concen: 31.86 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:112 Resp: 239840

Ion	Ratio	Lower	Upper
112	100		
64	66.2	48.9	73.3
63	34.1	28.1	42.1



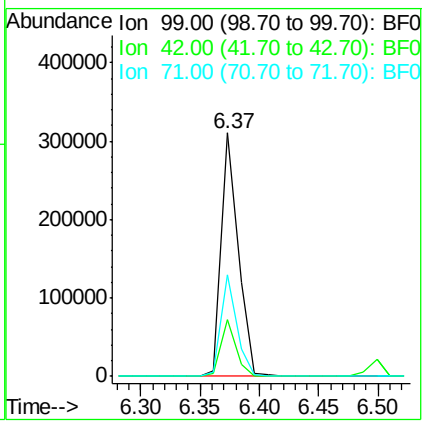


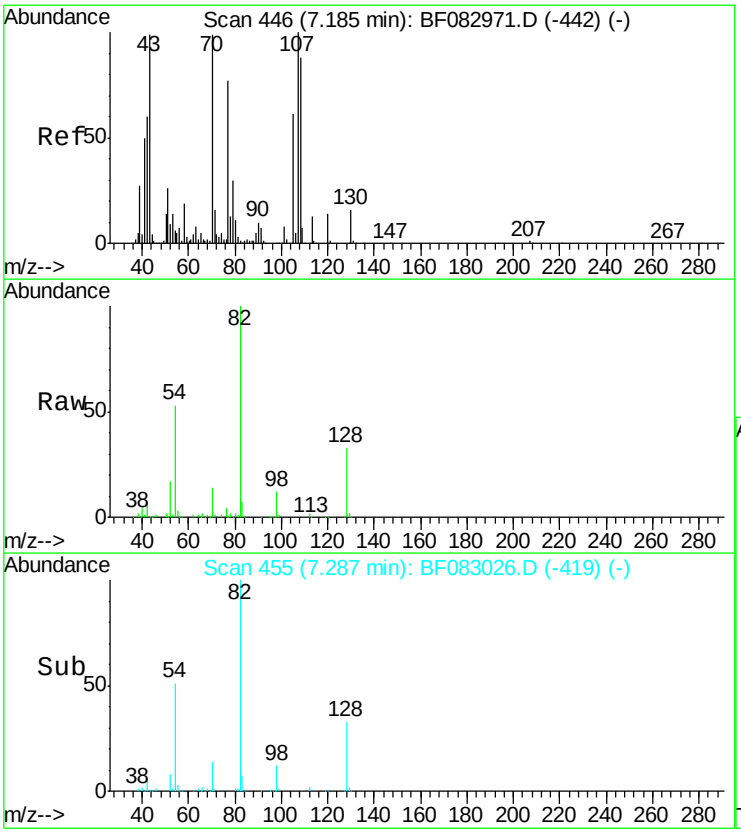
#7
Phenol-d6
Concen: 30.58 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 306000

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.2	28.8
71	41.6	35.0	52.4

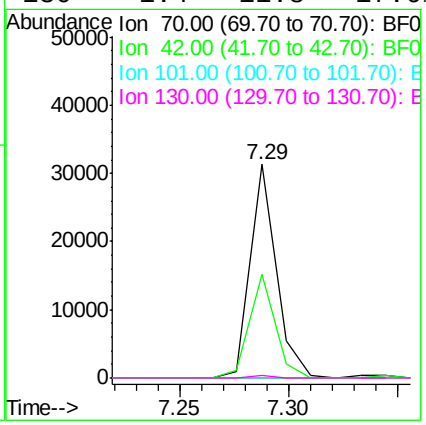


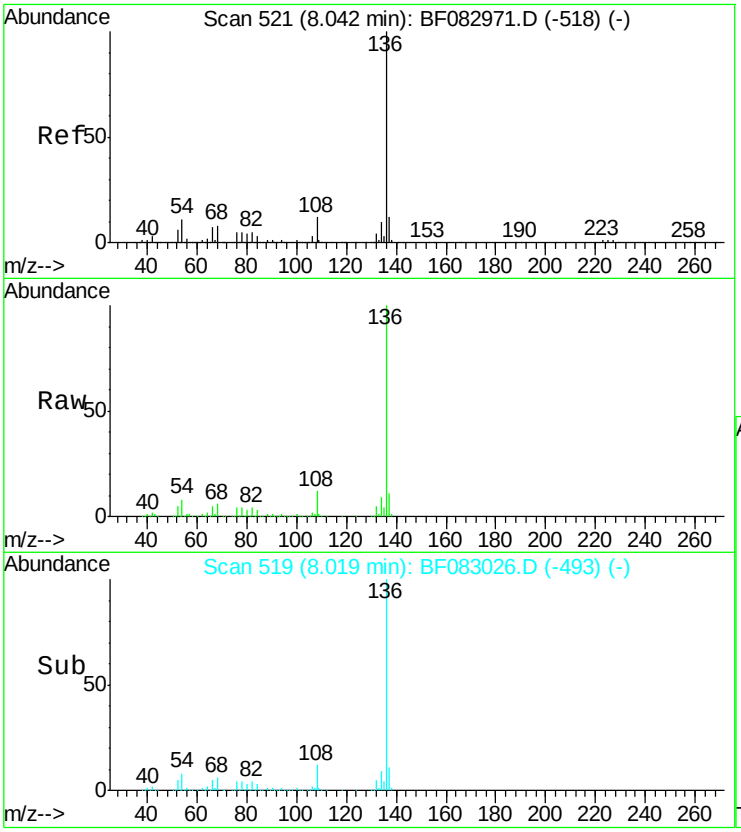


#19
n-Nitroso-di-n-propylamine
Concen: 3.57 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion: 70 Resp: 26243

Ion	Ratio	Lower	Upper
70	100		
42	48.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.4	11.8	17.6#



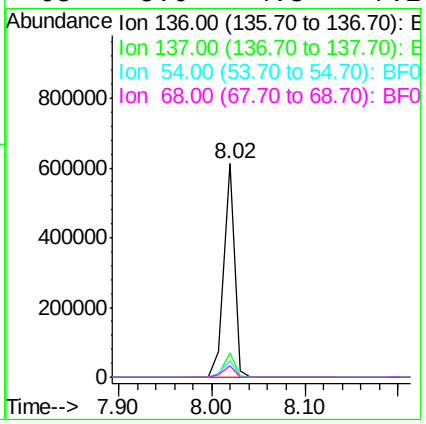


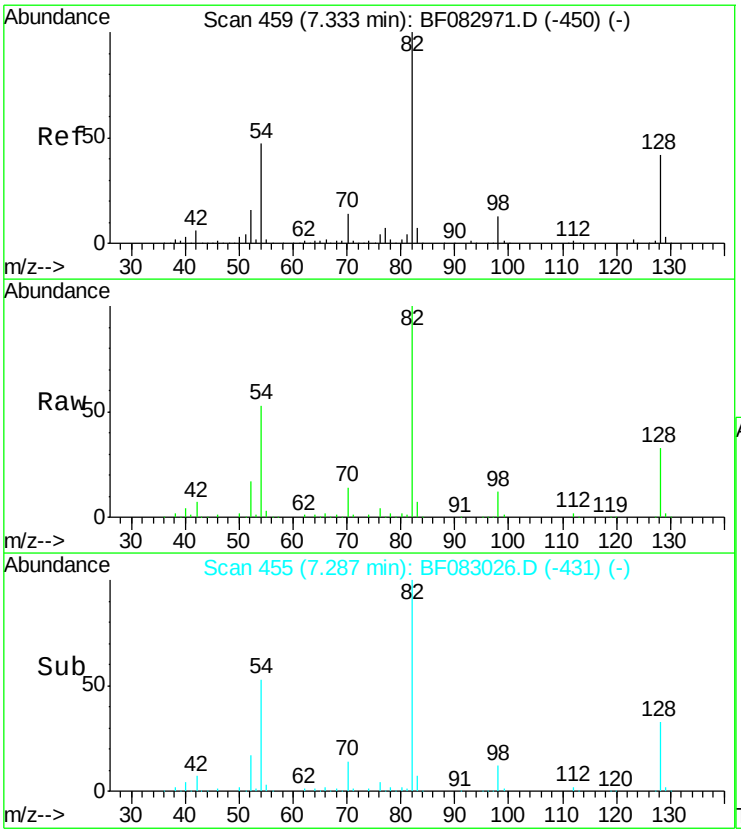
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486957

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.9	9.1	13.7#
68	5.6	4.8	7.2

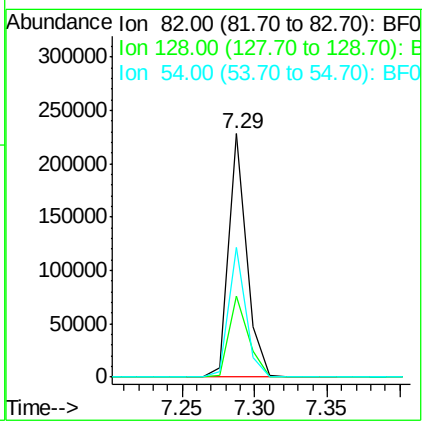


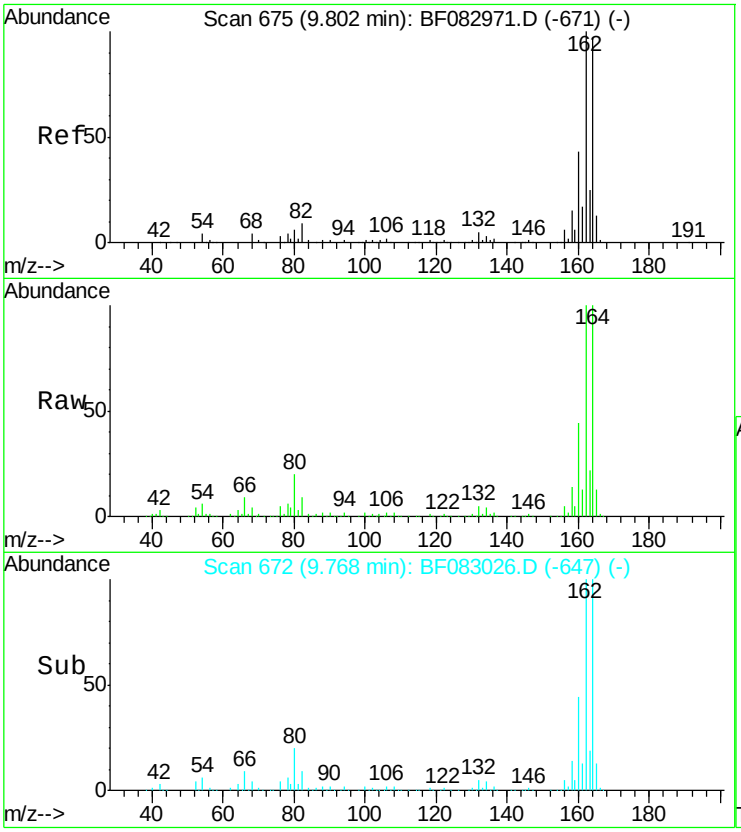


#23
Nitrobenzene-d5
Concen: 17.55 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion: 82 Resp: 196409

Ion	Ratio	Lower	Upper
82	100		
128	33.3	26.8	40.2
54	53.0	45.7	68.5



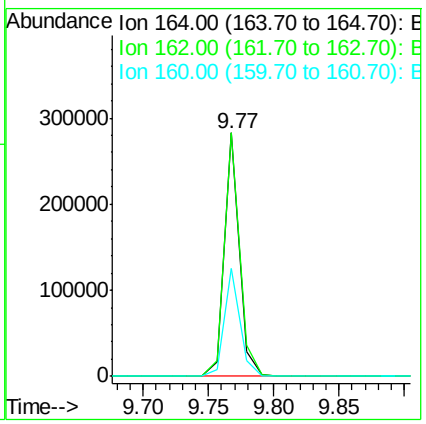


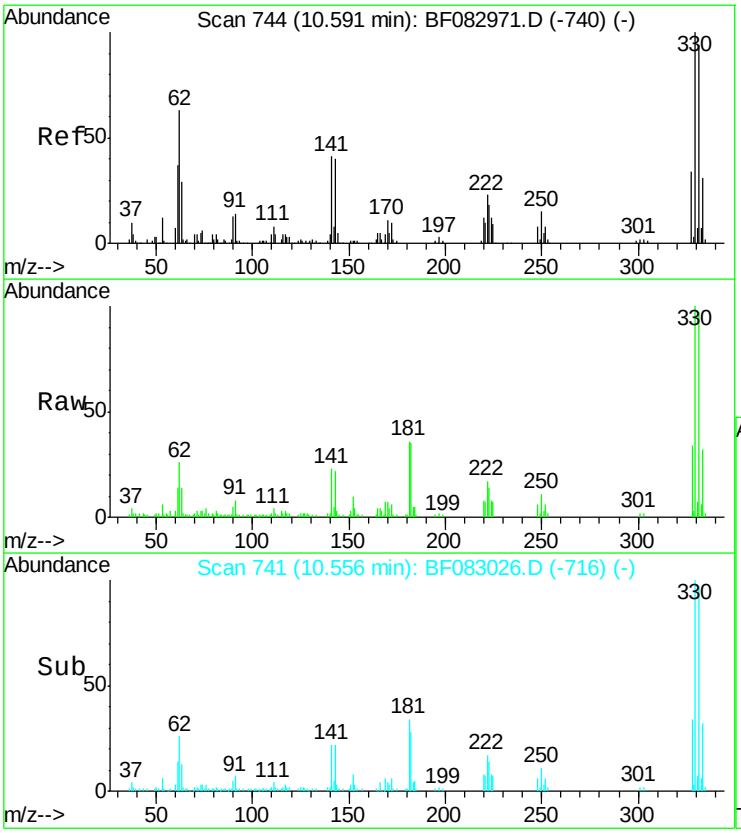
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227390

Ion	Ratio	Lower	Upper
164	100		
162	100.1	84.9	127.3
160	44.6	37.5	56.3

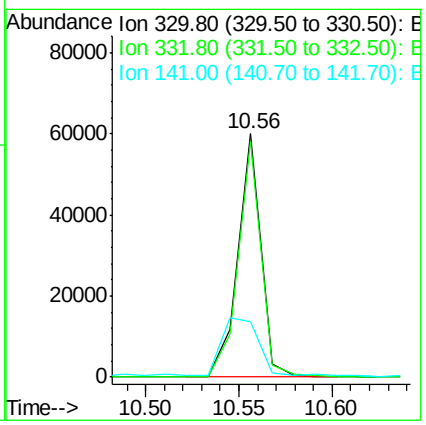


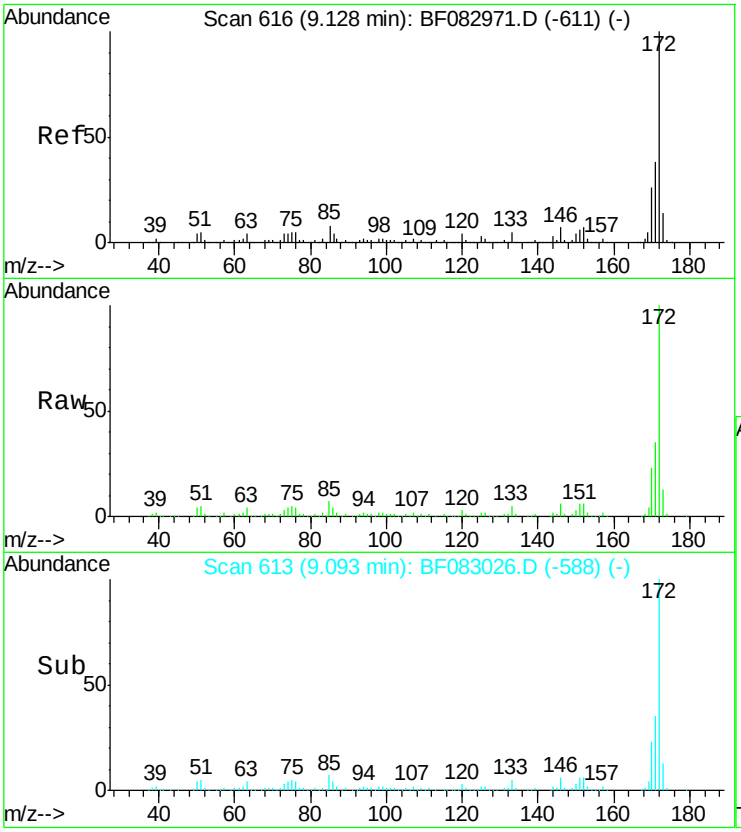


#41
2,4,6-Tribromophenol
Concen: 19.84 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:330 Resp: 51737

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	44.1	41.2	61.8



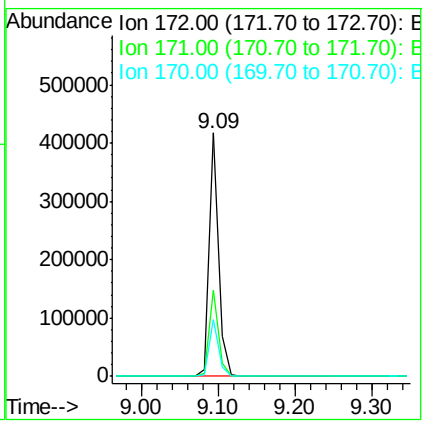


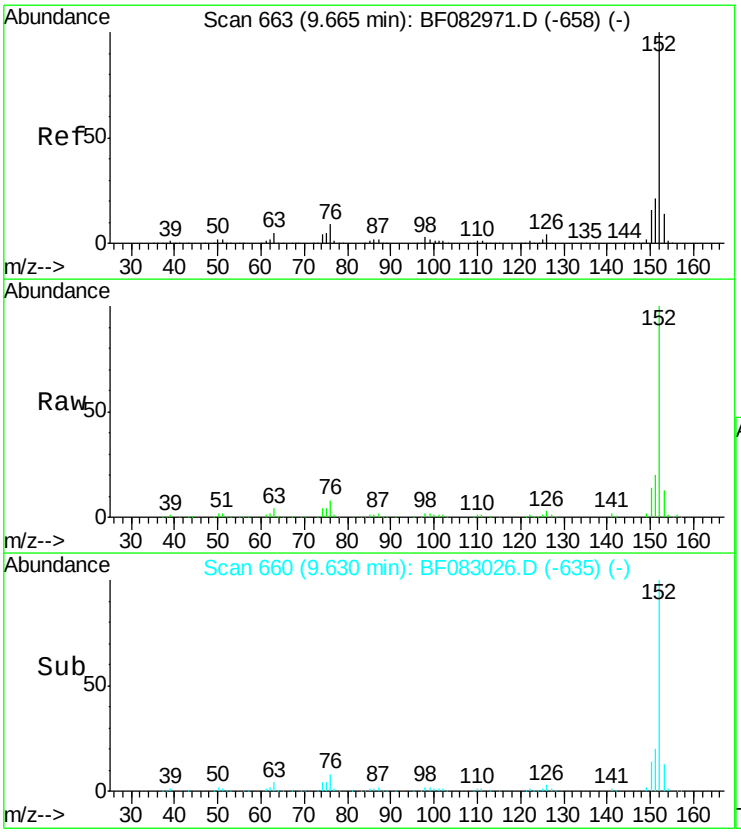
#44
2-Fluorobiphenyl
Concen: 21.87 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 346996

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.8	46.2
170	23.4	21.2	31.8

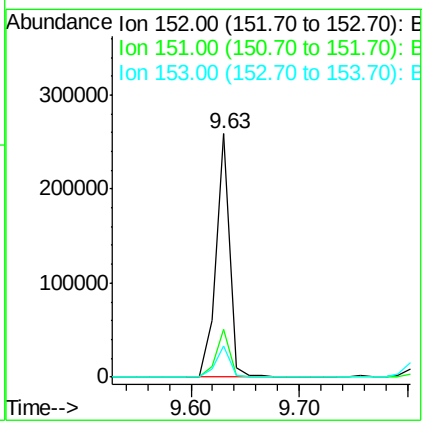


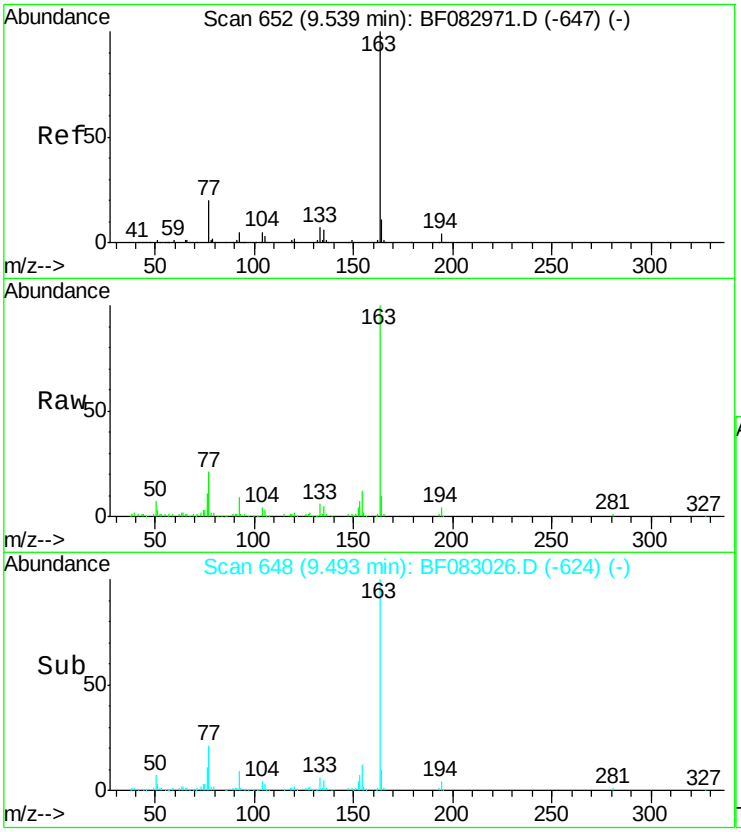


#48
Acenaphthylene
Concen: 9.64 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:152 Resp: 229846

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.3	25.9
153	12.8	11.3	16.9



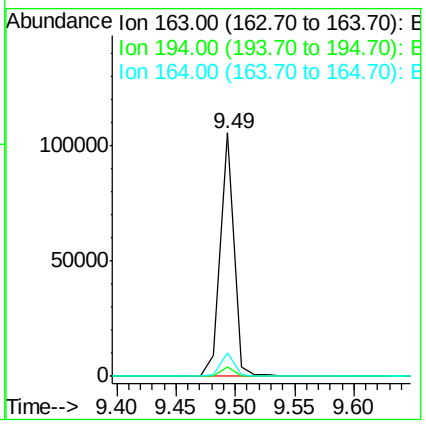


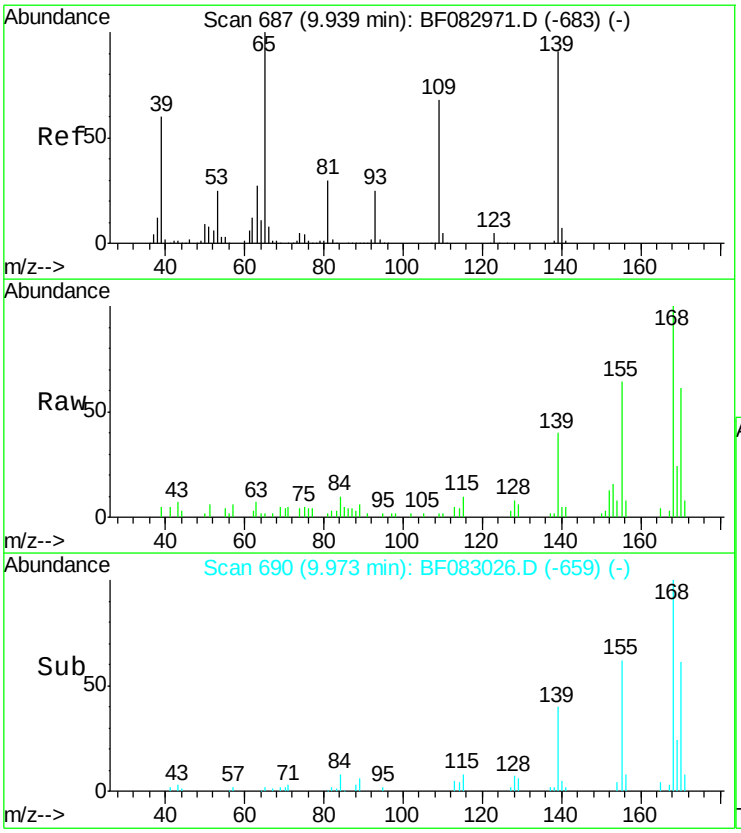
#49
Dimethylphthalate
Concen: 4.45 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 82915

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.7	13.1

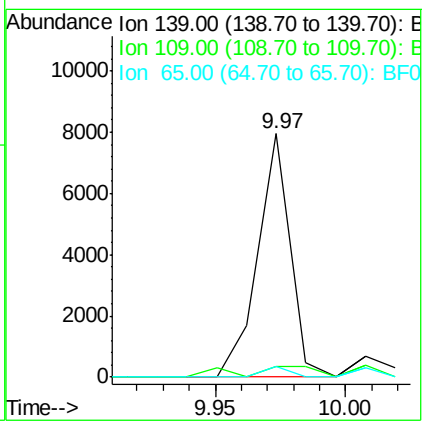


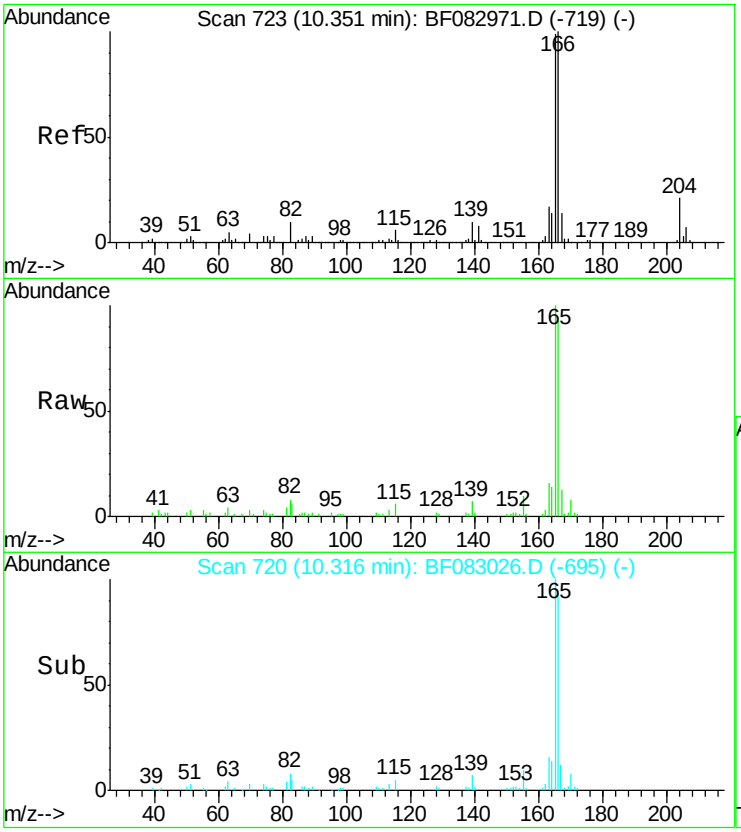


#55
4-Nitrophenol
Concen: 2.07 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.06 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:139 Resp: 6936

Ion	Ratio	Lower	Upper
139	100		
109	4.6	73.7	113.7#
65	4.5	82.9	122.9#



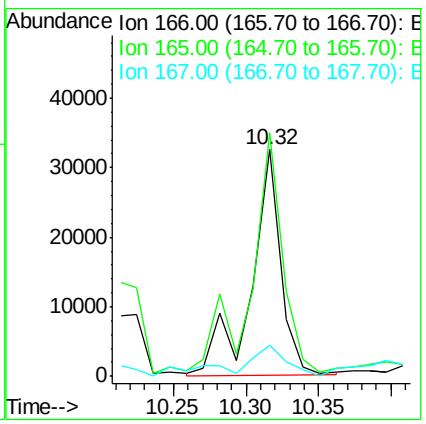


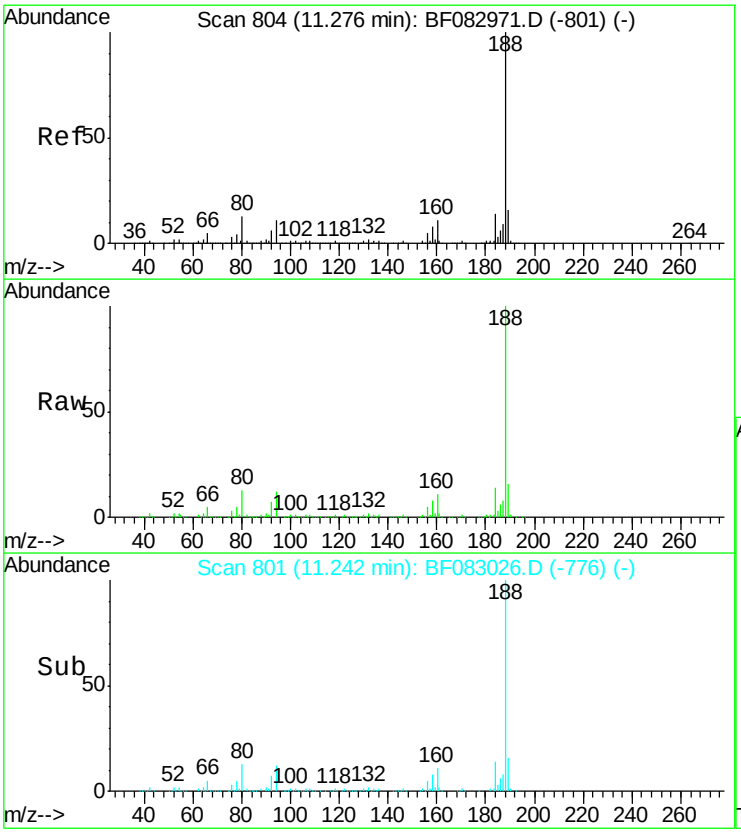
#57
Fluorene
Concen: 2.77 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 45764

Ion	Ratio	Lower	Upper
166	100		
165	107.4	80.2	120.4
167	13.5	11.2	16.8

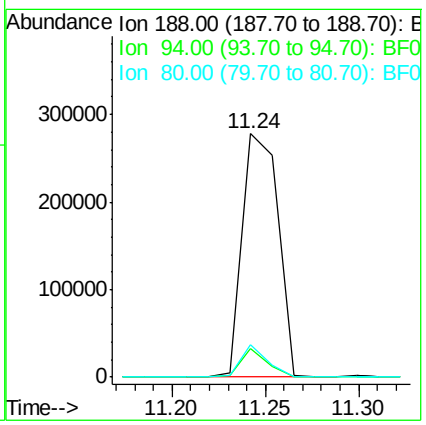


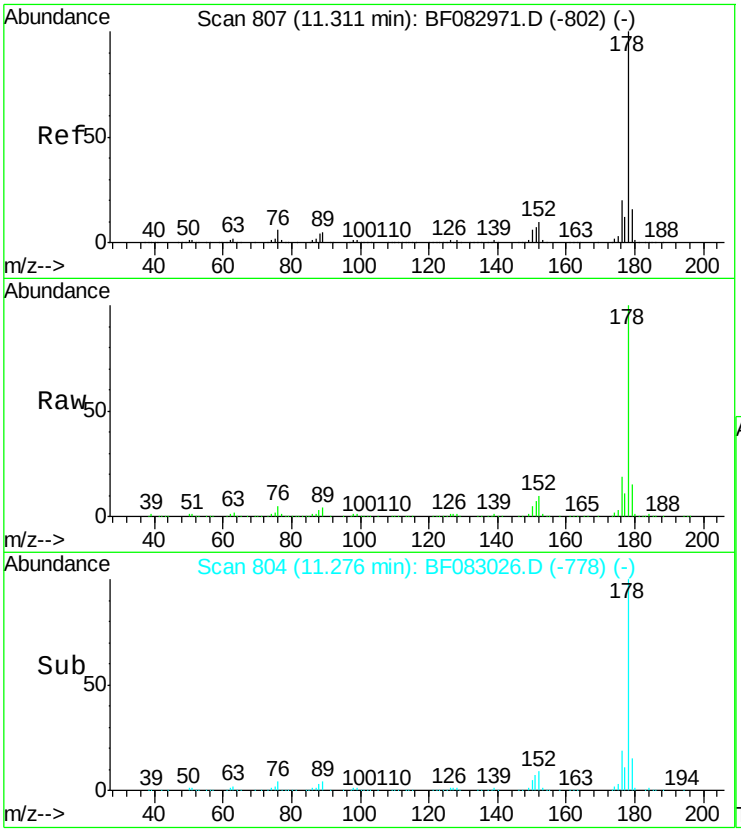


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:188 Resp: 370610

Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.1	9.1#
80	13.4	7.0	10.6#



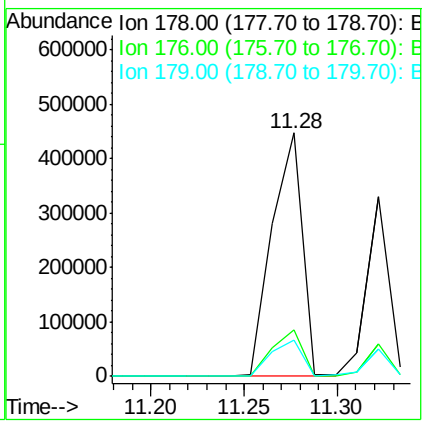


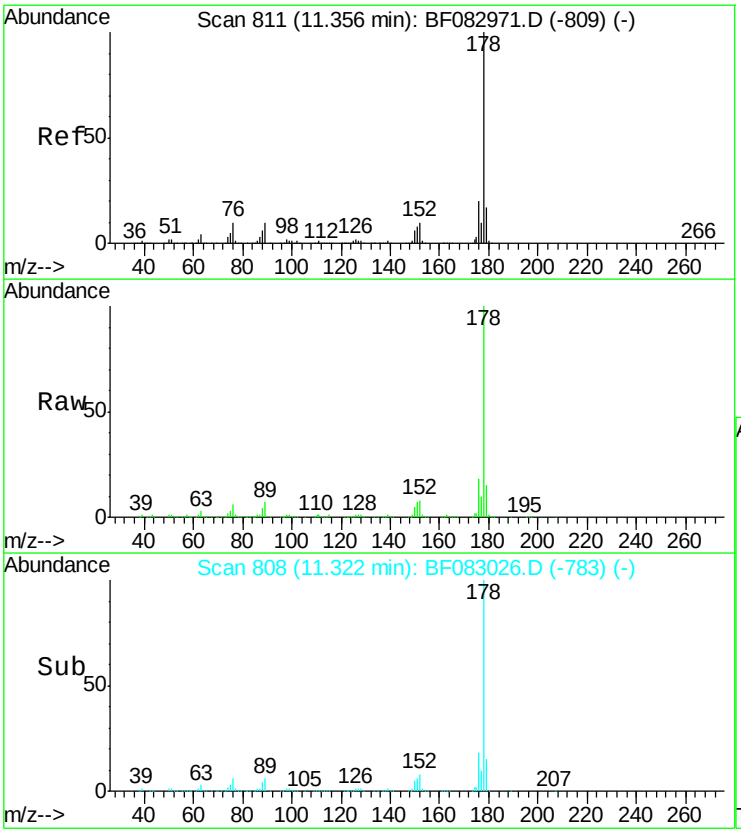
#70
Phenanthrene
Concen: 23.47 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 505052

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.0	25.4
179	15.1	13.4	20.0

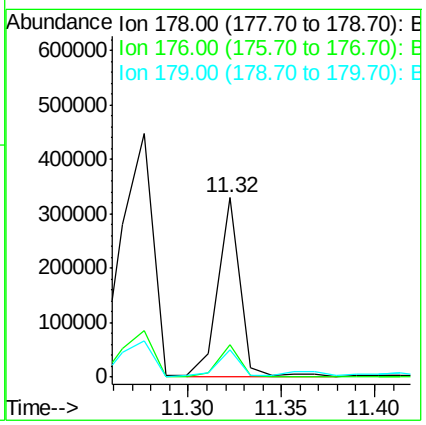


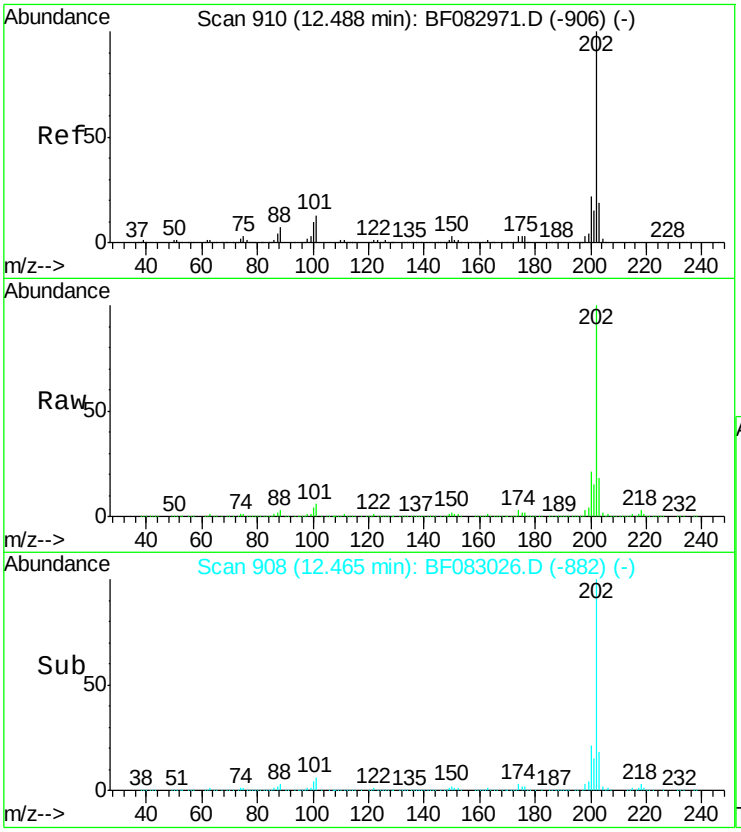


#71
Anthracene
Concen: 11.99 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:178 Resp: 271758

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.5	24.7
179	15.0	13.2	19.8



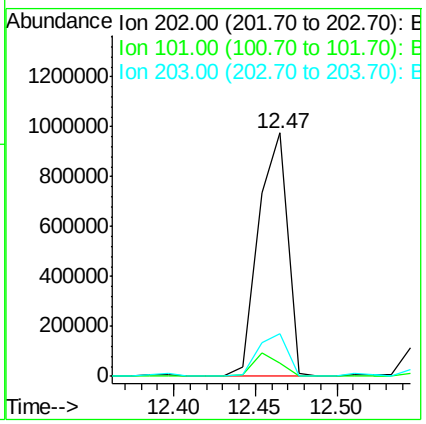


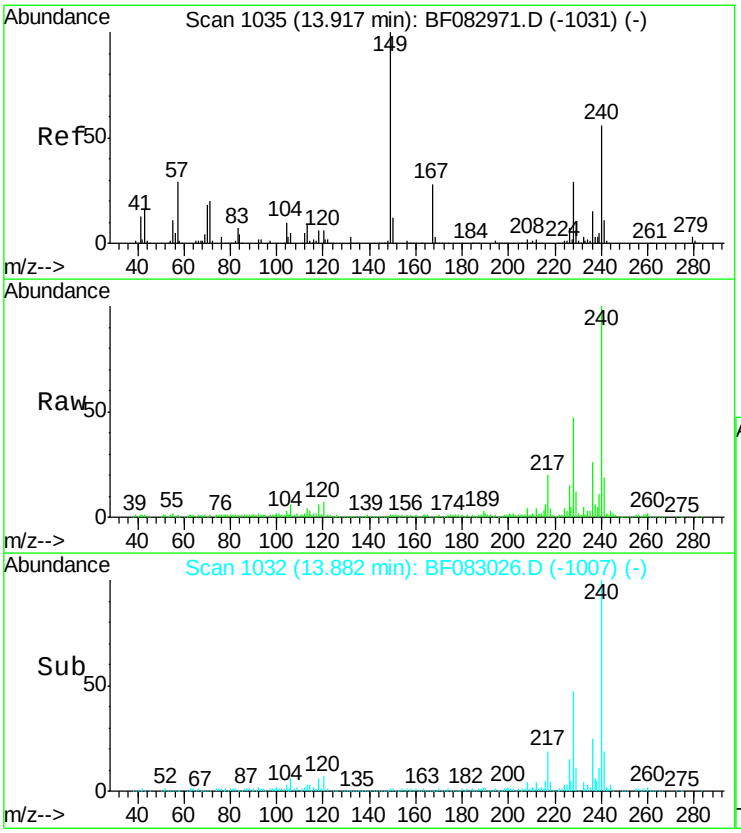
#74
Fluoranthene
Concen: 52.03 ng
RT: 12.47 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1201767

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	30.5
203	17.6	0.0	38.5

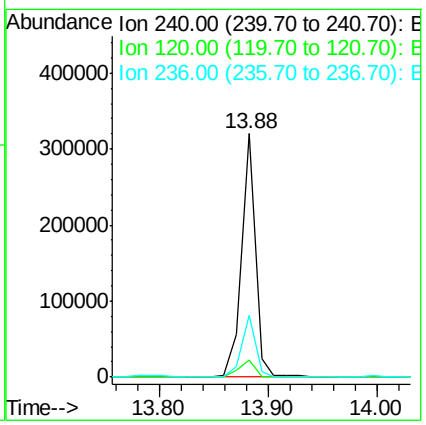


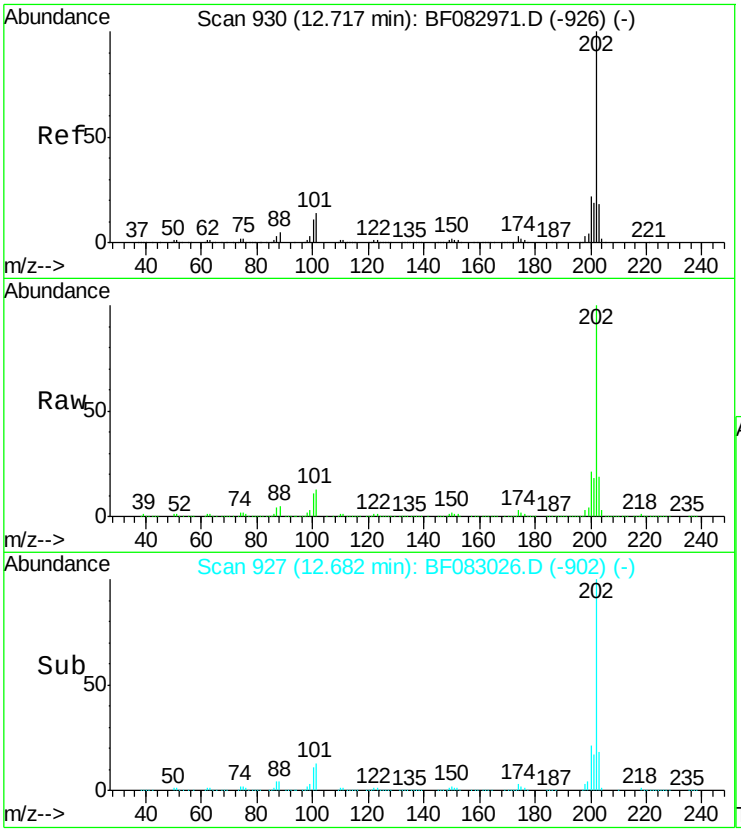


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:240 Resp: 277662

Ion	Ratio	Lower	Upper
240	100		
120	7.0	10.9	16.3#
236	25.6	21.6	32.4



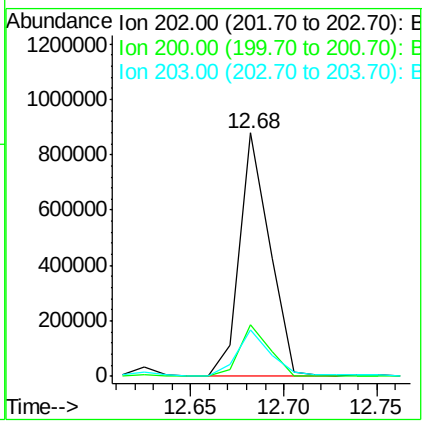


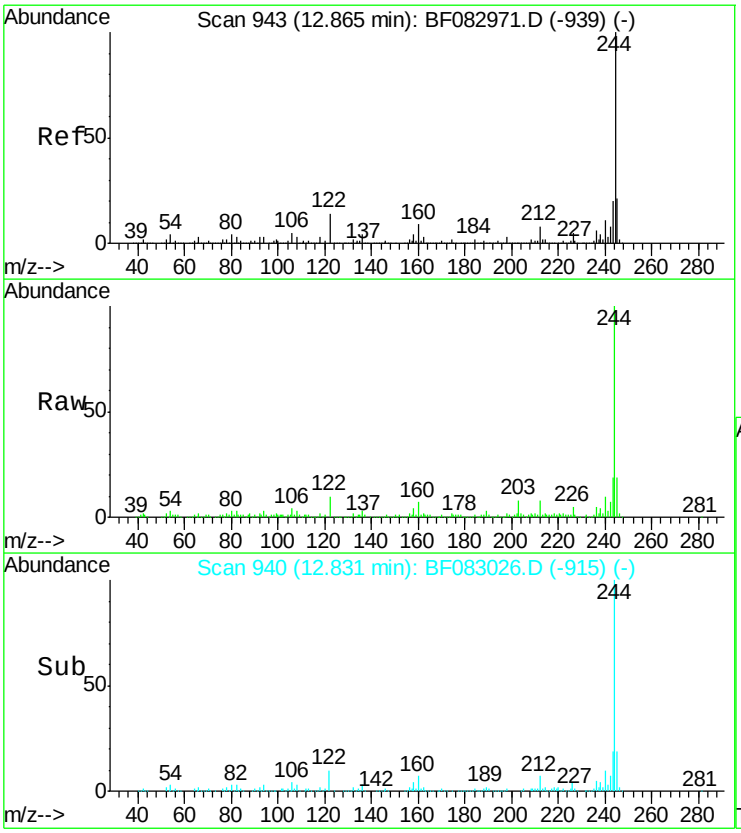
#77
Pyrene
Concen: 51.19 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 976130

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.7	28.1
203	19.2	14.8	22.2

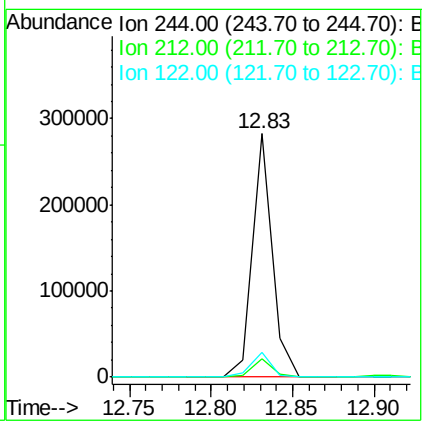


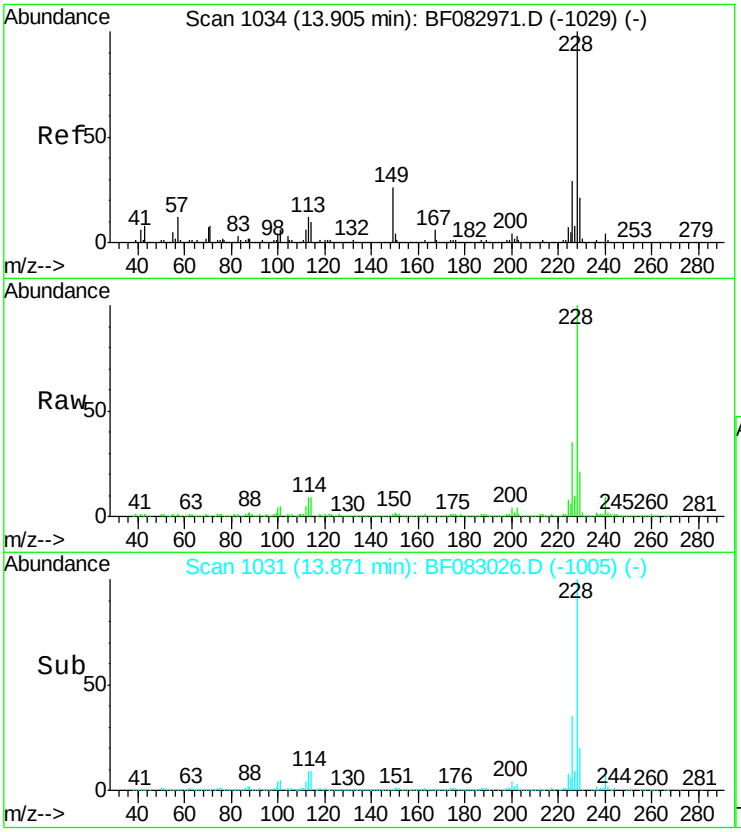


#78
Terphenyl-d14
Concen: 20.43 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:244 Resp: 239144

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.6	11.4#
122	10.0	11.3	16.9#



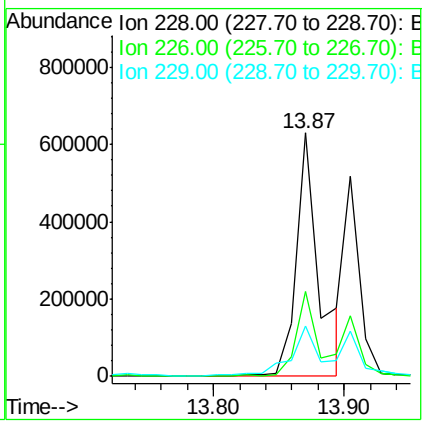


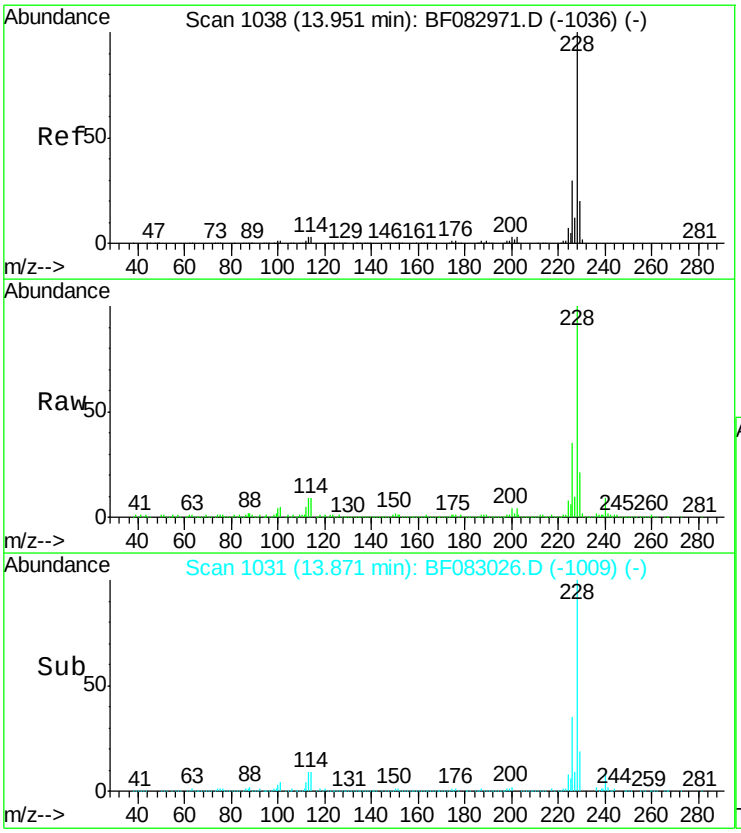
#80
Benzo(a)anthracene
Concen: 43.69 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 758675

Ion	Ratio	Lower	Upper
228	100		
226	35.1	23.4	35.2
229	20.5	16.3	24.5

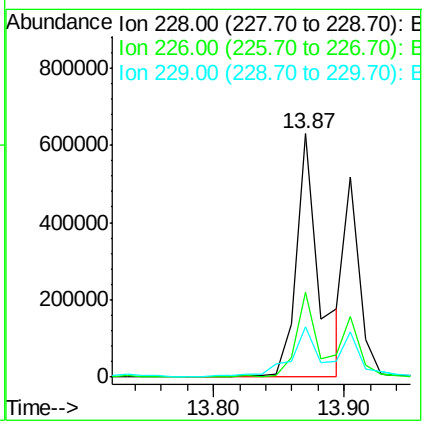


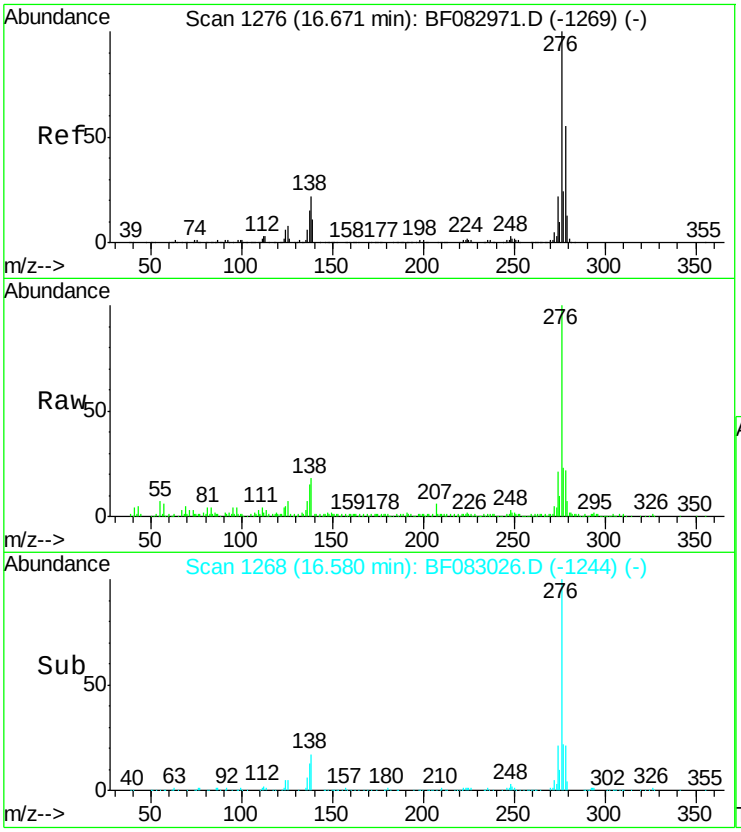


#82
Chrysene
Concen: 47.71 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:228 Resp: 758675

Ion	Ratio	Lower	Upper
228	100		
226	35.1	25.5	38.3
229	20.5	16.3	24.5



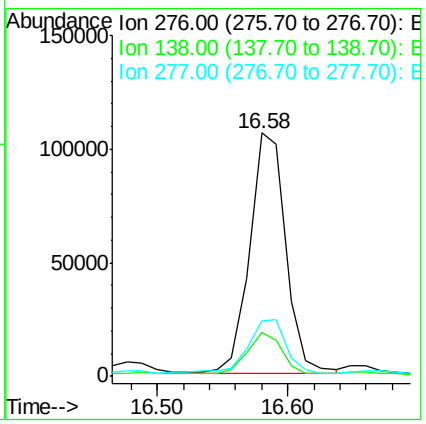


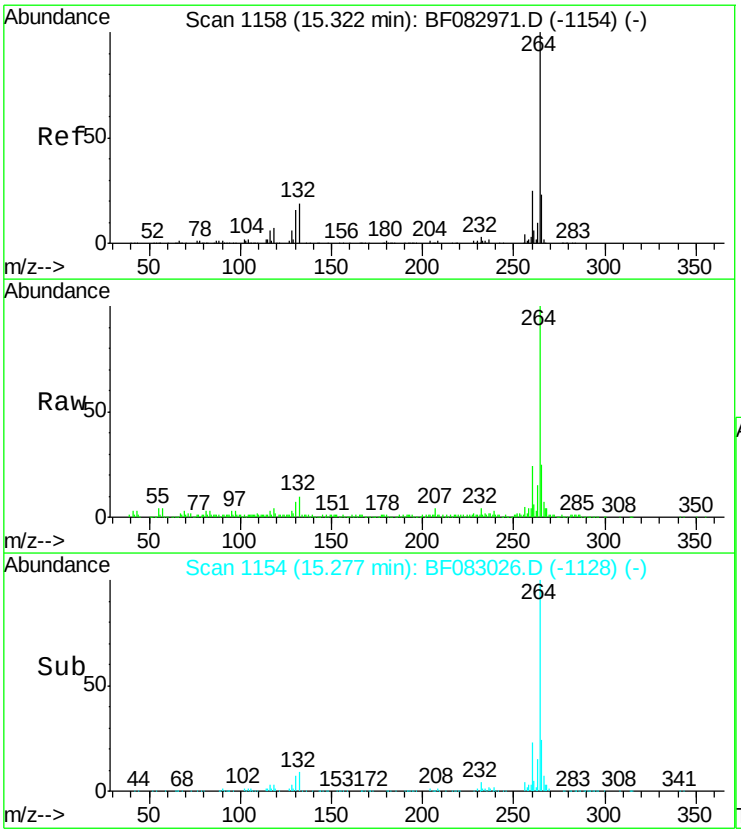
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.84 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 203207

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.3	22.9
277	24.1	20.2	30.4

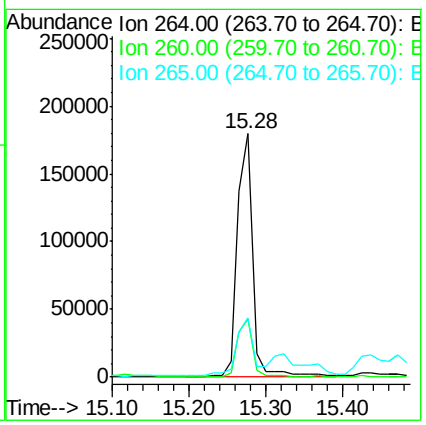


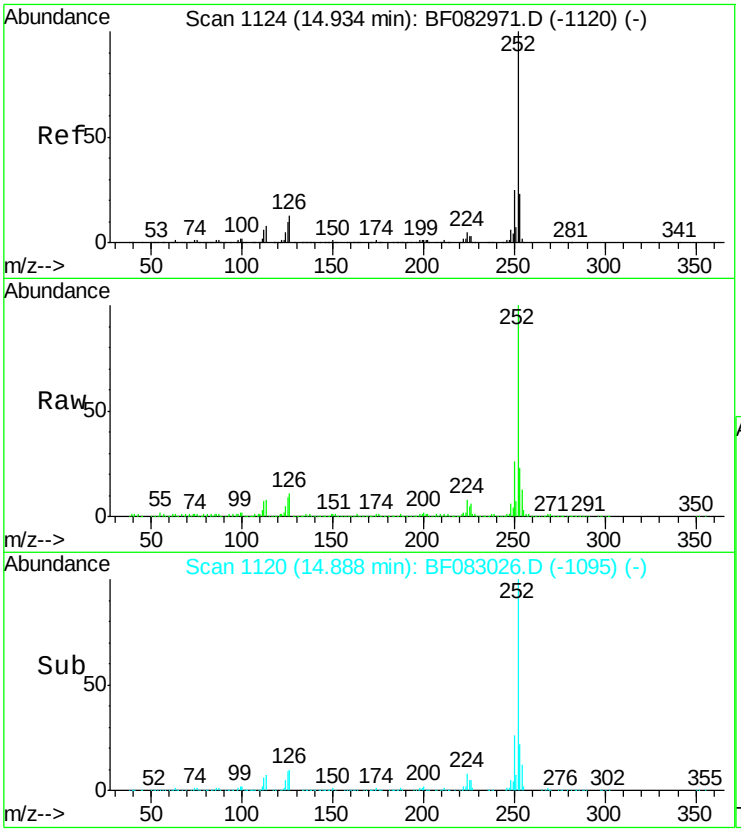


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:264 Resp: 249920

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	24.5	17.4	26.0



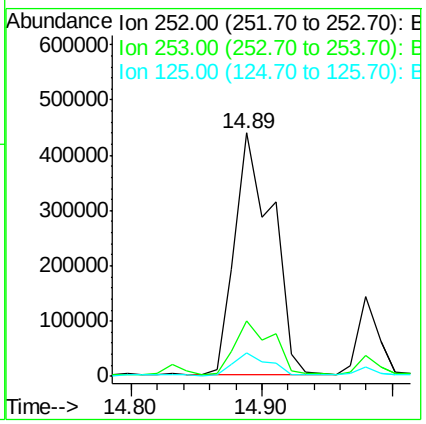


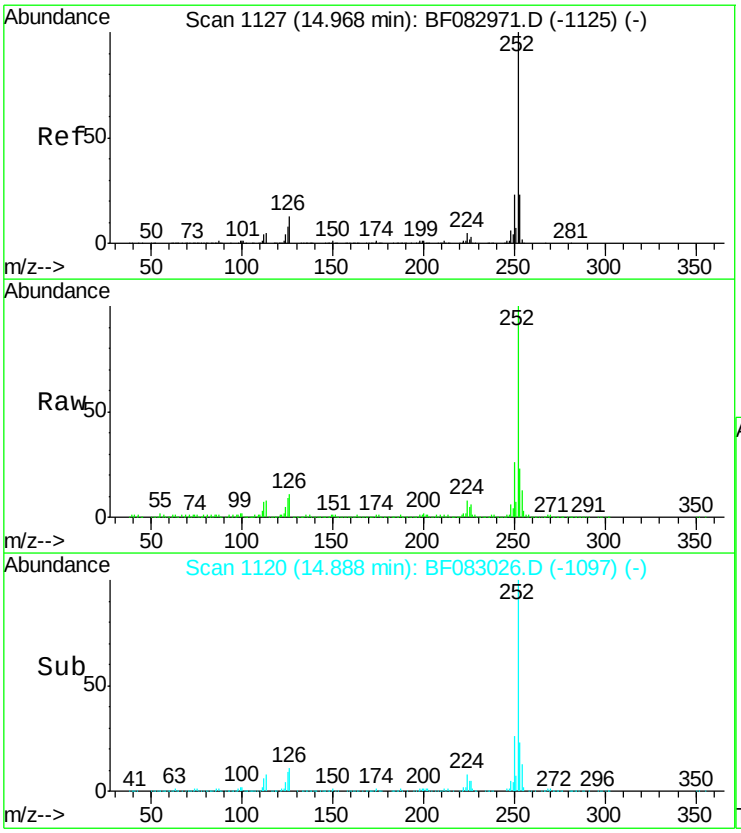
#87
Benzo(b)fluoranthene
Concen: 54.89 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 880574

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.4	5.4	8.2#

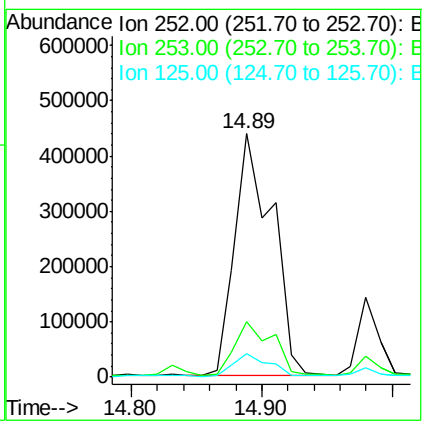


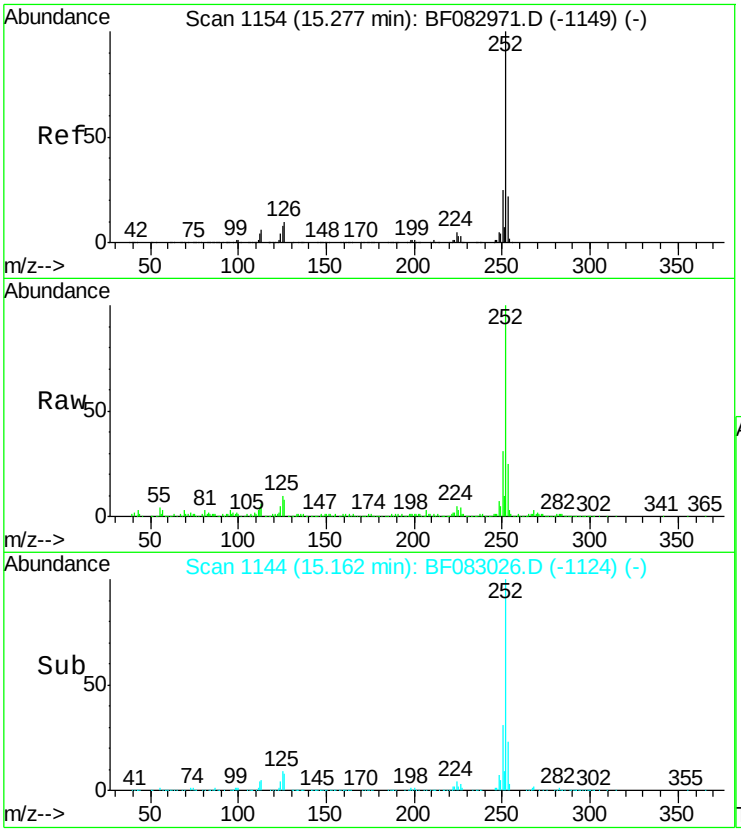


#88
Benzo(k)fluoranthene
Concen: 61.82 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:252 Resp: 879779

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.4	3.5	5.3#



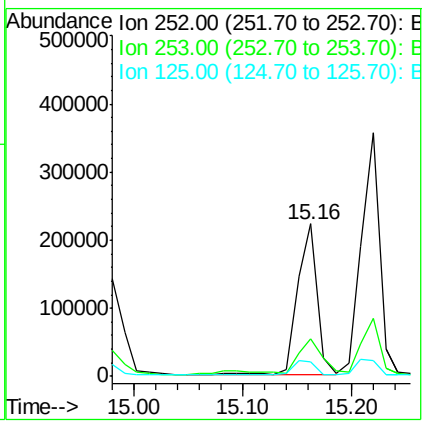


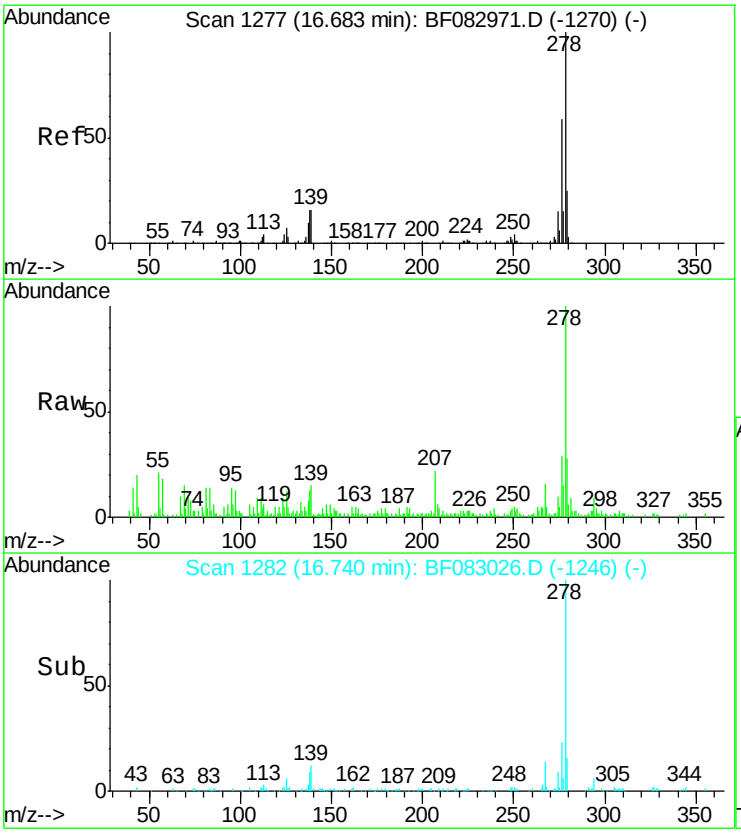
#89
Benzo(a)pyrene
Concen: 20.34 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.07 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 282684

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	9.6	7.1	10.7

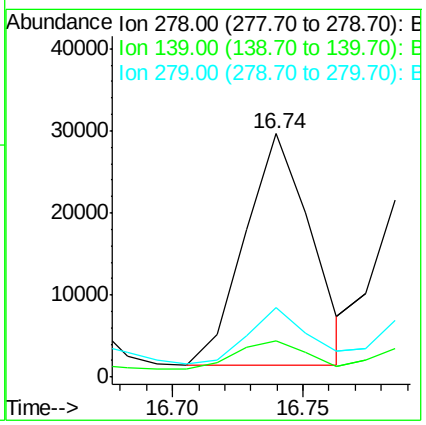


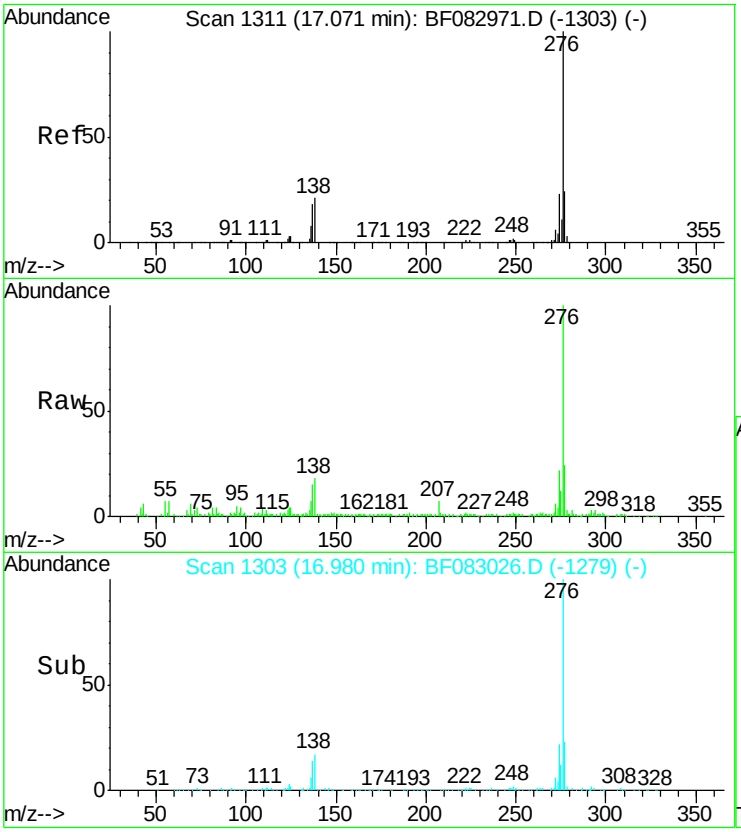


#90
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.11 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Tgt Ion:278 Resp: 50007

Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.9	14.9
279	28.3	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 14.33 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF083026.D
Acq: 18 Nov 2015 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 161555

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	17.6	13.1	19.7