Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-10(6-11)

Quant Time: Dec 03 02:47:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	637919	20.00	ng		0.15
21) Naphthalene-d8	7.84	136	599193	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	307883	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	542951	20.00	ng		-0.01
75) Chrysene-d12	14.73	240	401174	20.00	ng		-0.03
86) Perylene-d12	16.80	264	346767	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1519750	35.75	ng		0.01
7) Phenol-d6	6.21	99	1861652	31.99	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1352415	99.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	349405	113.05	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1839940	85.16	ng		-0.01
78) Terphenyl-d14	13.21	244	1775788	105.56	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.21	77	8438	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	199085	4.79	ng	#	79
31) Naphthalene	7.87	128	7774785	239.14	ng	#	93
33) 4-Chloroaniline	7.86	127	1270588	90.66	ng	#	33
35) Caprolactam	8.27	113	12137	4.01	ng	#	1
37) 2-Methylnaphthalene	8.54	142	1448941	66.69	ng		97
45) 1,1'-Biphenyl	9.00	154	613483	22.72	ng		95
48) Acenaphthylene	9.44	152	202882	6.18	ng		96
49) Dimethylphthalate	9.31	163	184508	7.37	ng		98
51) Acenaphthene	9.61	154	1861588	96.44	ng		98
54) Dibenzofuran	9.78	168	157807	5.58	ng	#	91
57) Fluorene	10.12	166	961164	43.03	ng		100
66) 4-Bromophenyl-phenylether	10.36	248	21530	3.62	ng	#	1
70) Phenanthrene	11.15	178	4032084	125.49	ng		94
71) Anthracene	11.21	178	1511806	46.74	ng		100
74) Fluoranthene	12.65	202	1977218	59.36	ng		99
77) Pyrene	12.97	202	2694740	96.18	ng		98
80) Benzo(a)anthracene	14.77	228	620876	25.26	ng		98
82) Chrysene	14.77	228	620876	26.15	ng		98
85) Indeno(1,2,3-cd)pyrene	18.03	276	70260	4.06	ng		96
87) Benzo(b)fluoranthene	16.28	252	634505	28.52	ng		97
88) Benzo(k)fluoranthene	16.28	252	634505	30.20	ng	#	97
89) Benzo(a)pyrene	16.72	252	564724	29.55	ng	#	96
90) Dibenzo(a,h)anthracene	18.19	278	59734	3.59	ng		97
91) Benzo(g,h,i)perylene	18.53	276	331113	20.26	ng		97

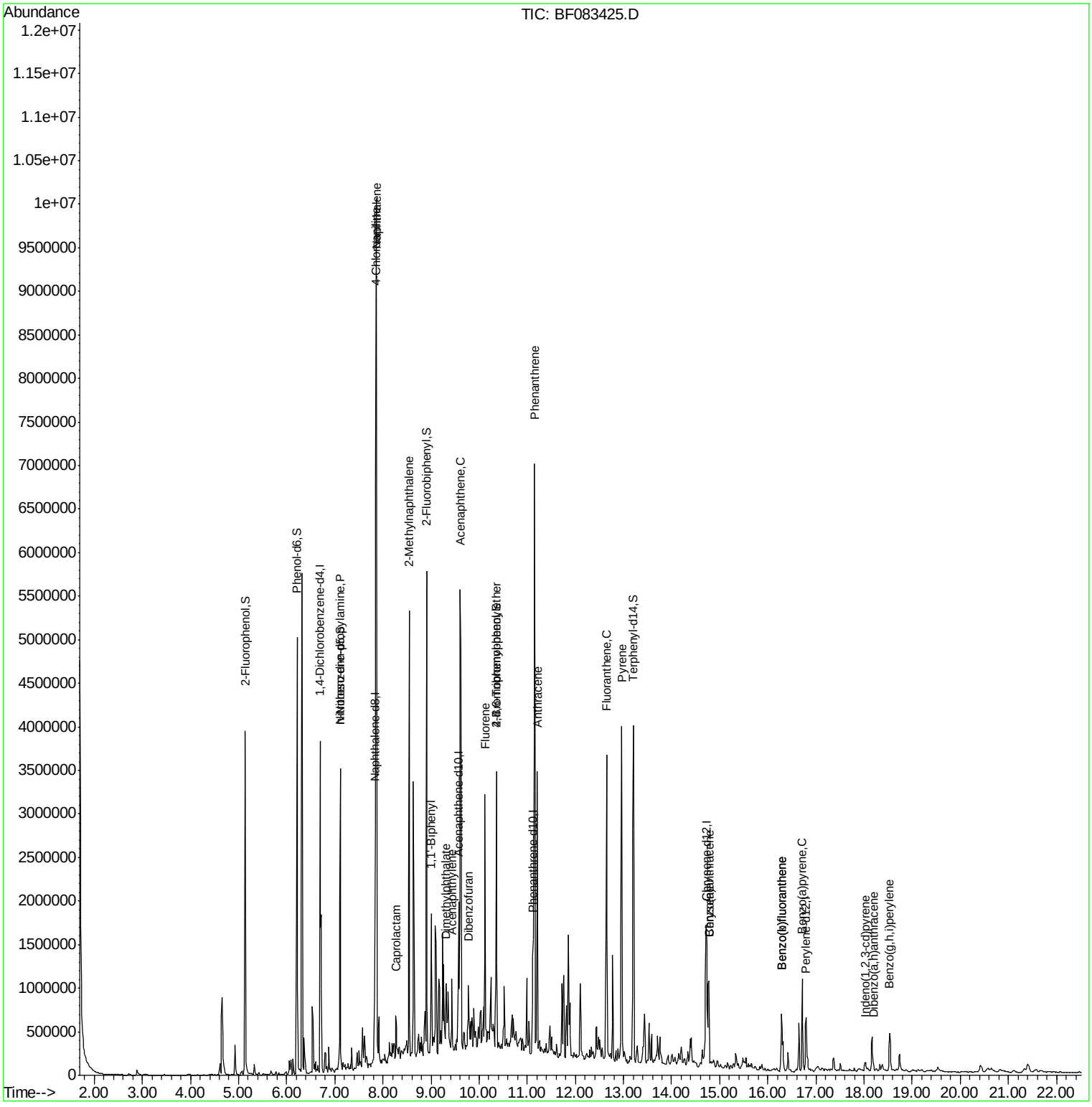
(#) = qualifier out of range (m) = manual integration (+) = signals summed

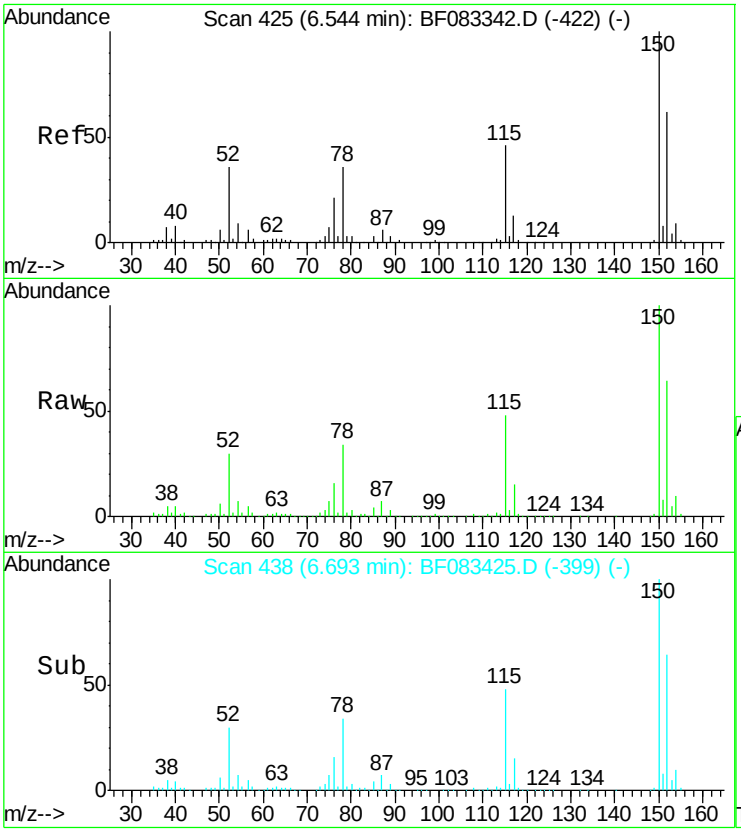
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Quant Time: Dec 03 02:47:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



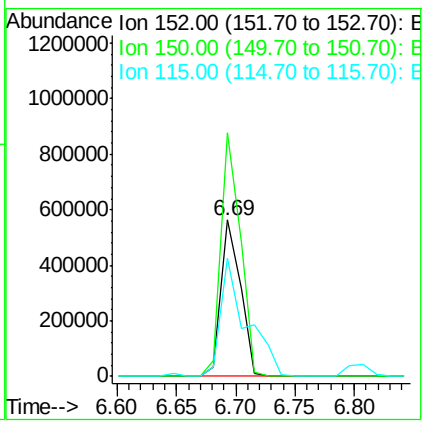


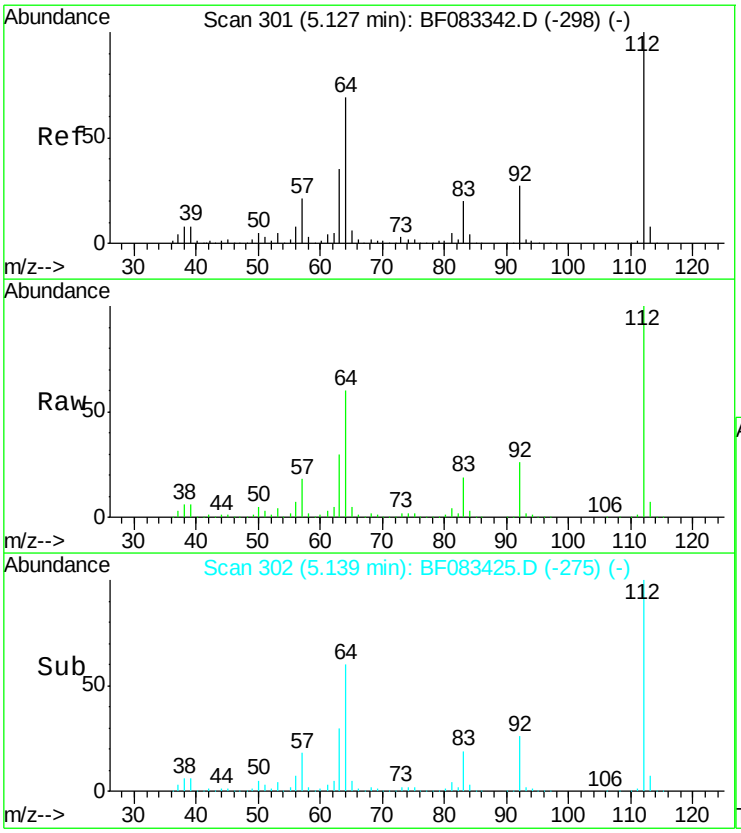
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 438
Delta R.T. 0.15 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:152 Resp: 637919

Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.8	194.8
115	75.5	59.2	88.8

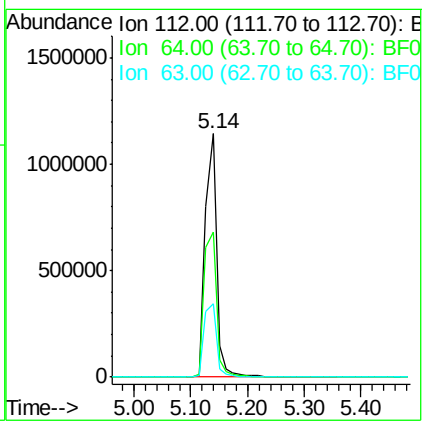


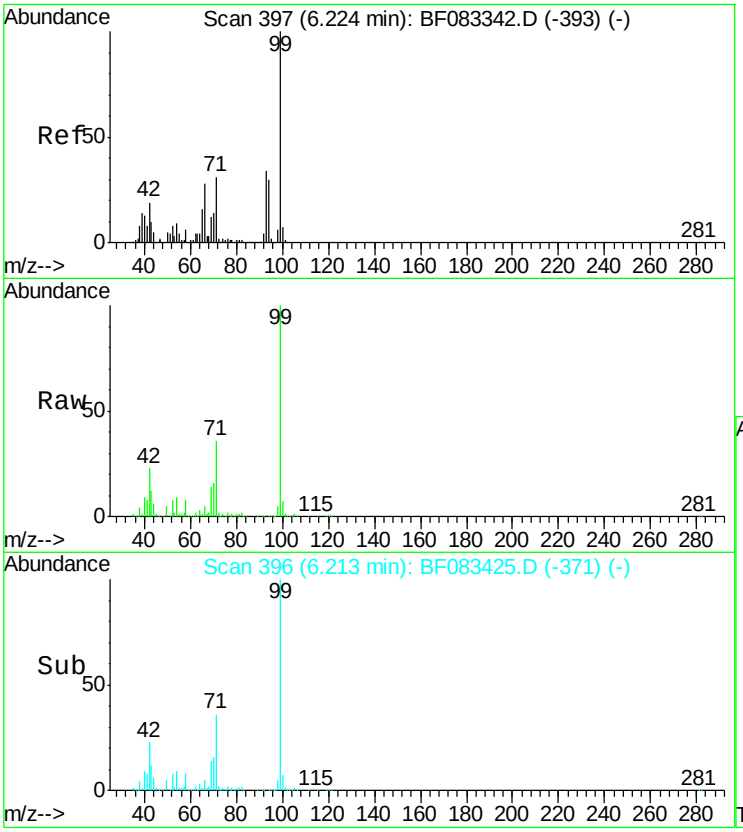


#5
2-Fluorophenol
Concen: 35.75 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:112 Resp: 1519750

Ion	Ratio	Lower	Upper
112	100		
64	59.6	55.6	83.4
63	30.3	28.2	42.2



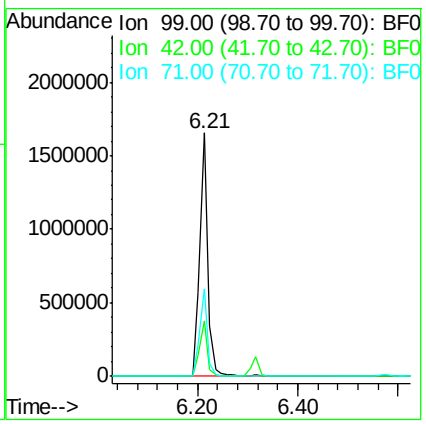


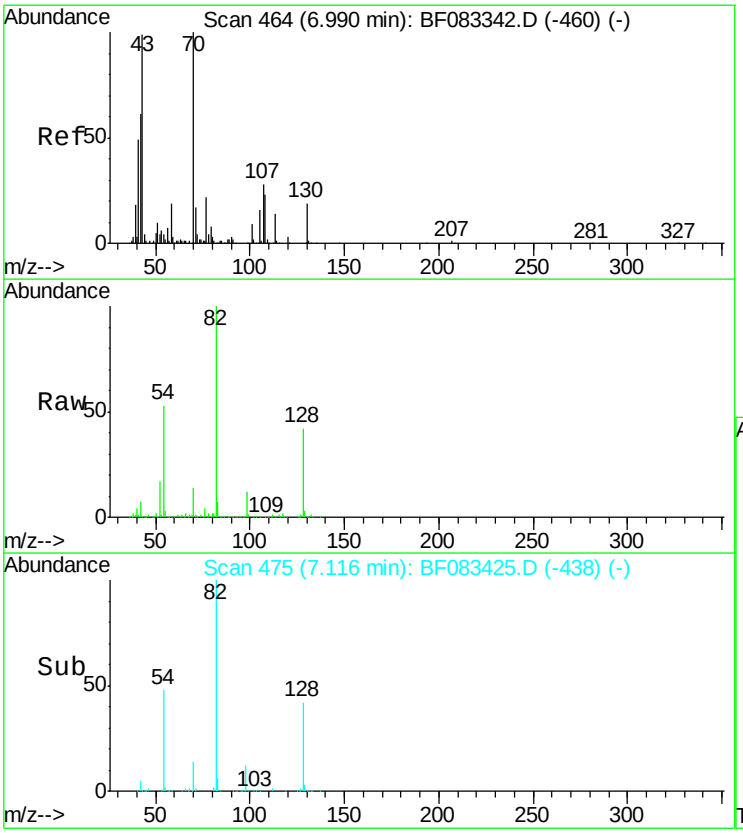
#7
Phenol-d6
Concen: 31.99 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion: 99 Resp: 1861652

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.9	22.3#
71	35.8	24.7	37.1

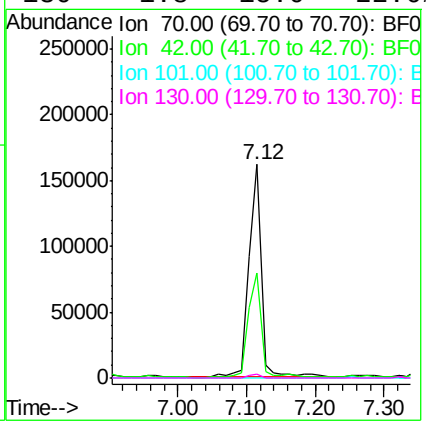


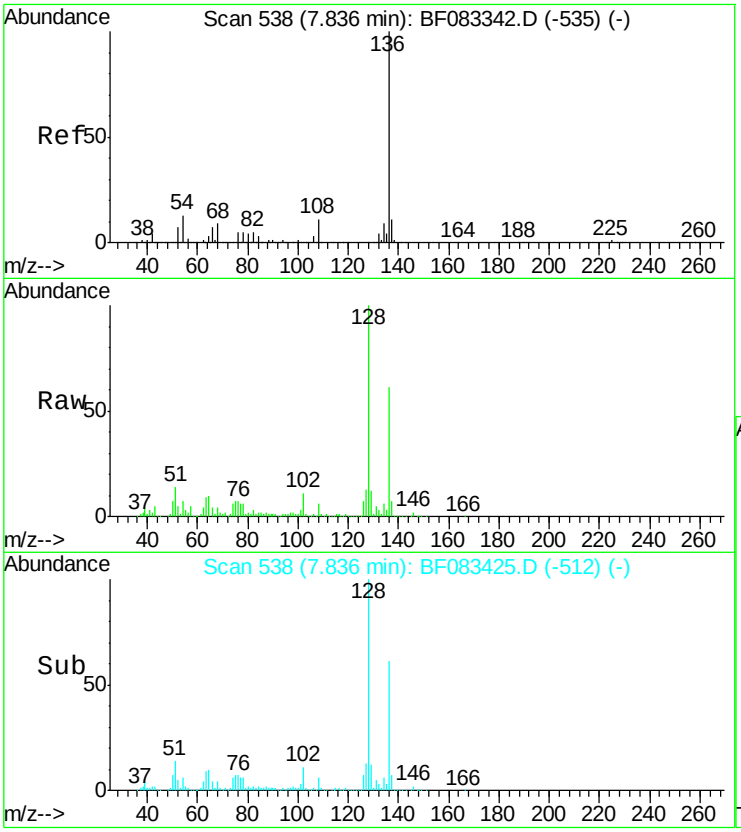


#19
n-Nitroso-di-n-propylamine
Concen: 4.79 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion: 70 Resp: 199085

Ion	Ratio	Lower	Upper
70	100		
42	49.4	48.8	73.2
101	0.0	7.1	10.7#
130	1.8	15.0	22.6#



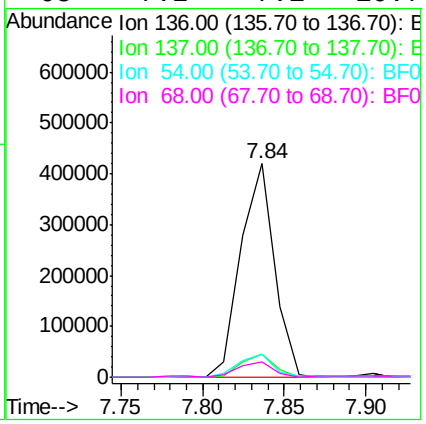


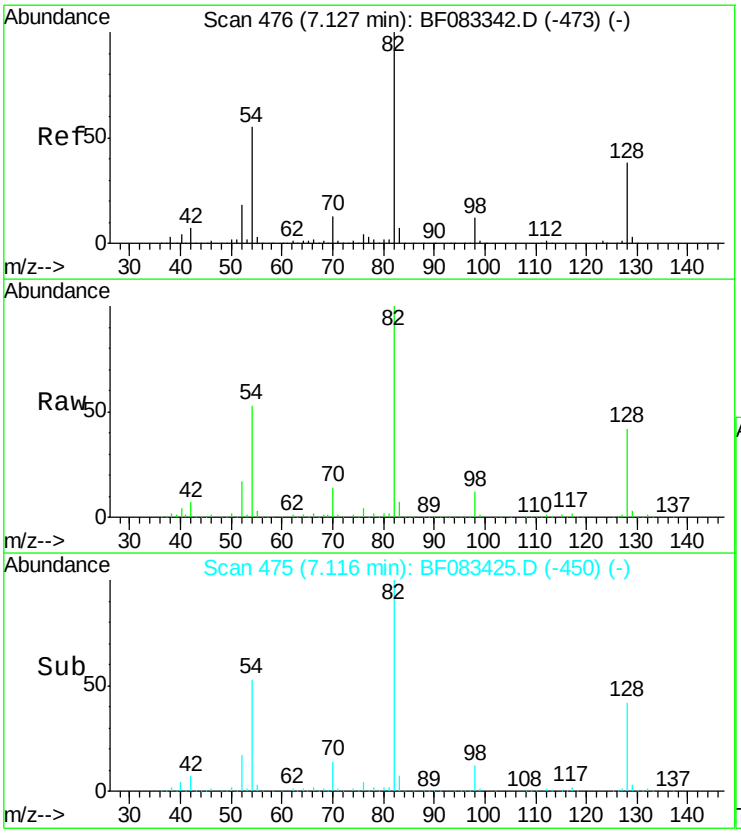
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:136 Resp: 599193

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.7	10.1	15.1
68	7.2	7.1	10.7

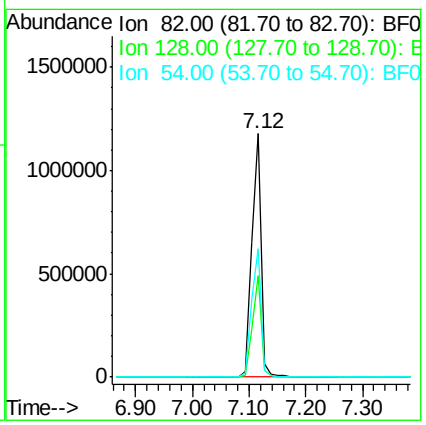


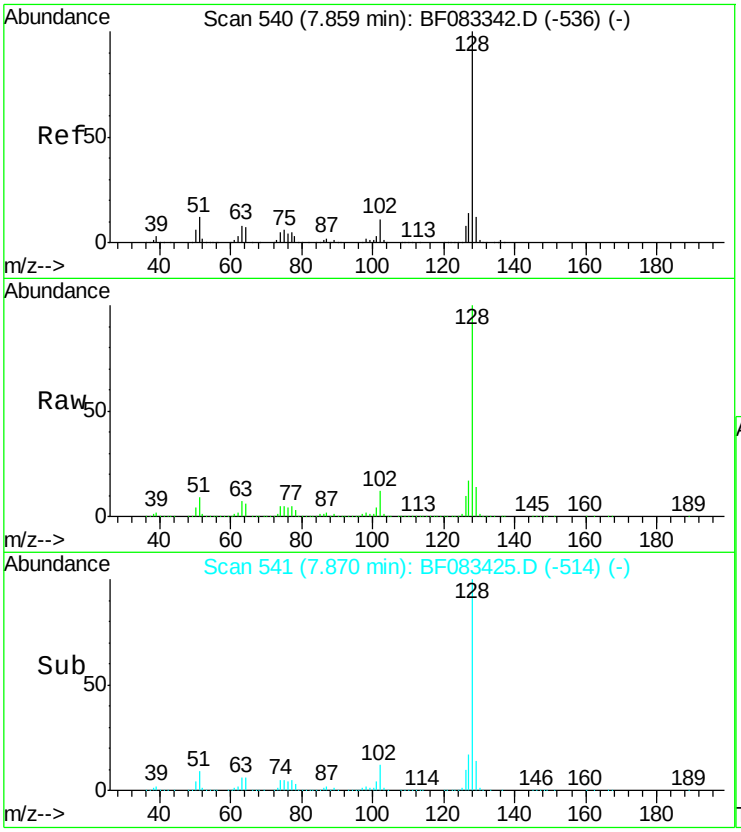


#23
Nitrobenzene-d5
Concen: 99.22 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion: 82 Resp: 1352415

Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.6	46.0
54	52.9	43.8	65.6



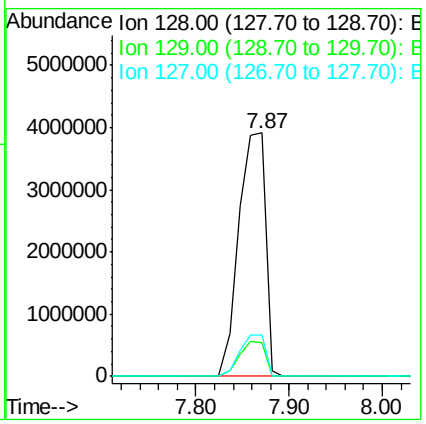


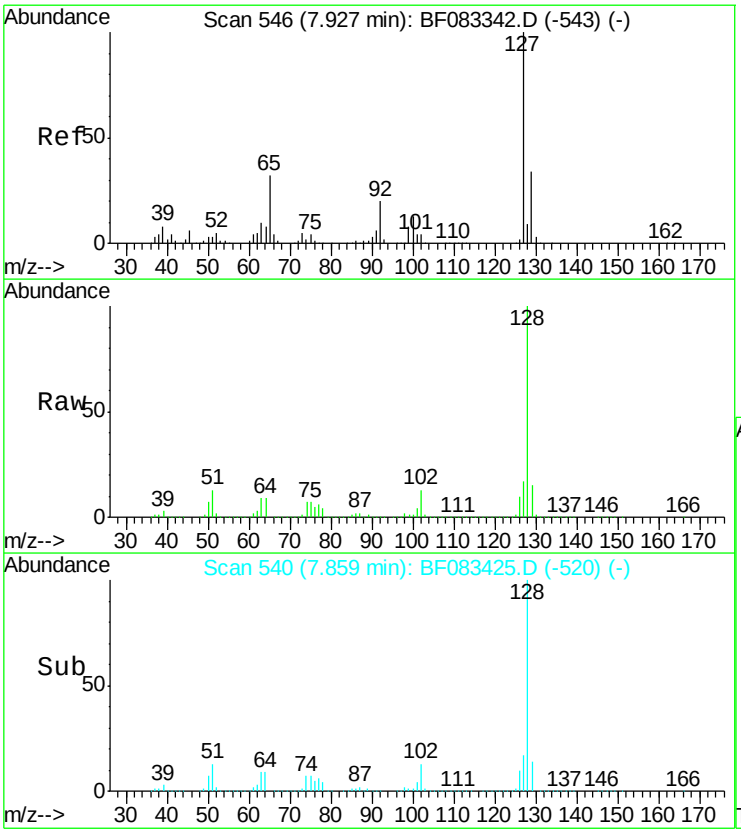
#31
Naphthalene
Concen: 239.14 ng
RT: 7.87 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:128 Resp: 7774785

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.7	14.5
127	17.0	11.0	16.4#

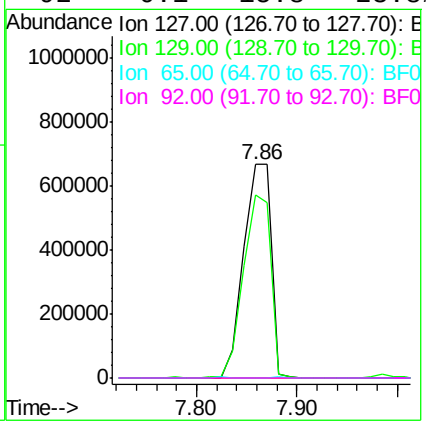


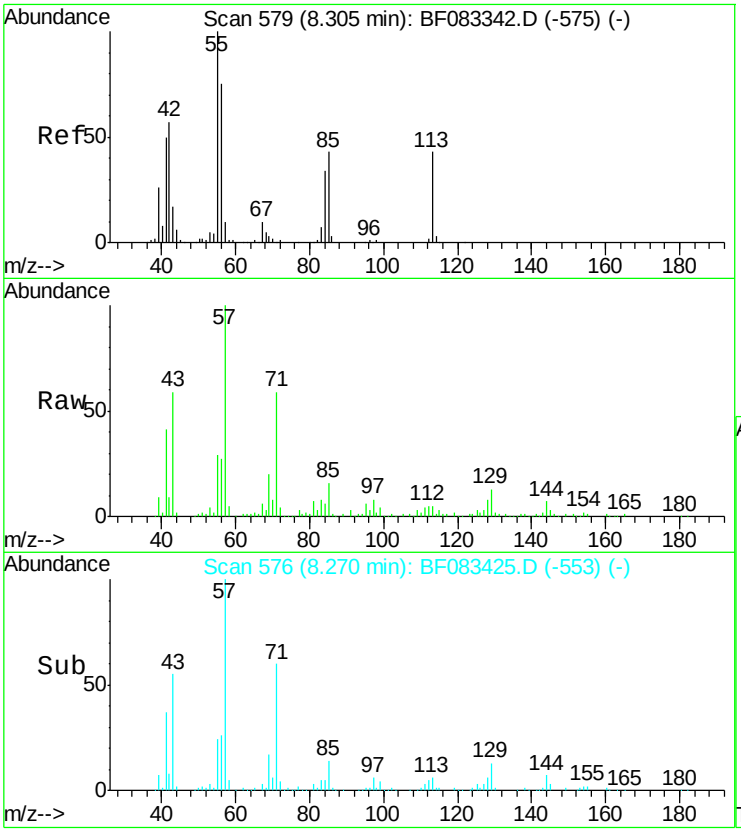


#33
4-Chloroaniline
Concen: 90.66 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:127 Resp: 1270588

Ion	Ratio	Lower	Upper
127	100		
129	85.7	27.0	40.4#
65	0.0	25.9	38.9#
92	0.1	15.8	23.8#



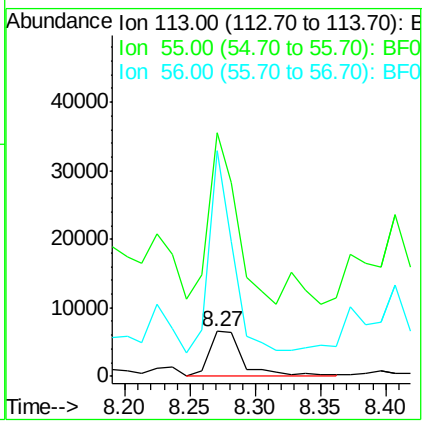


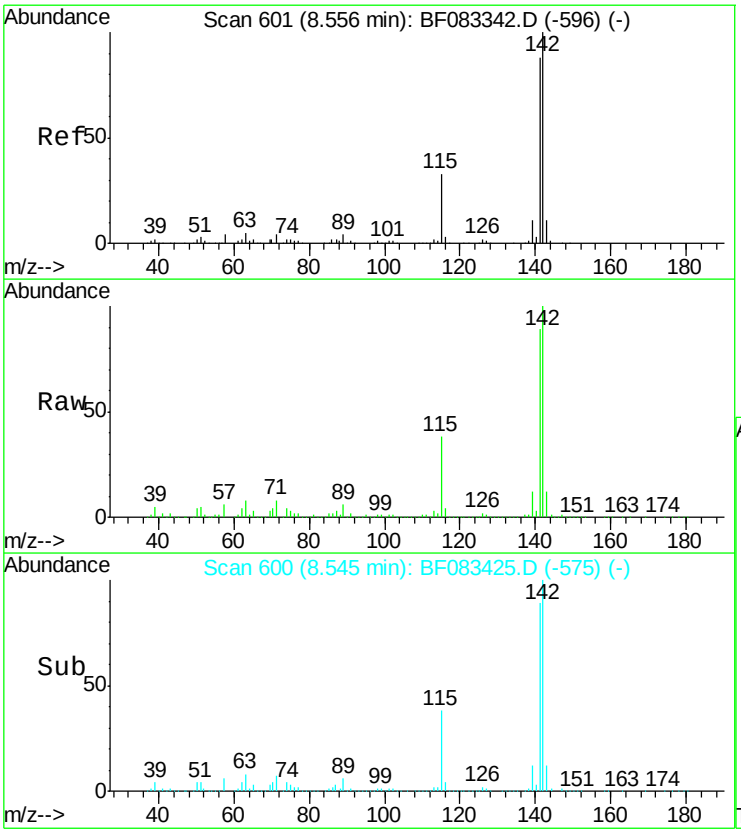
#35
Caprolactam
Concen: 4.01 ng
RT: 8.27 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:113 Resp: 12137

Ion	Ratio	Lower	Upper
113	100		
55	545.9	211.6	251.6#
56	506.0	153.0	193.0#

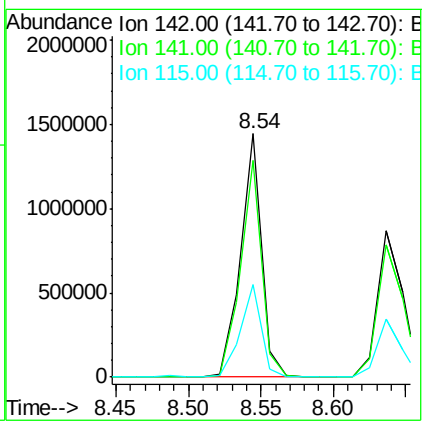


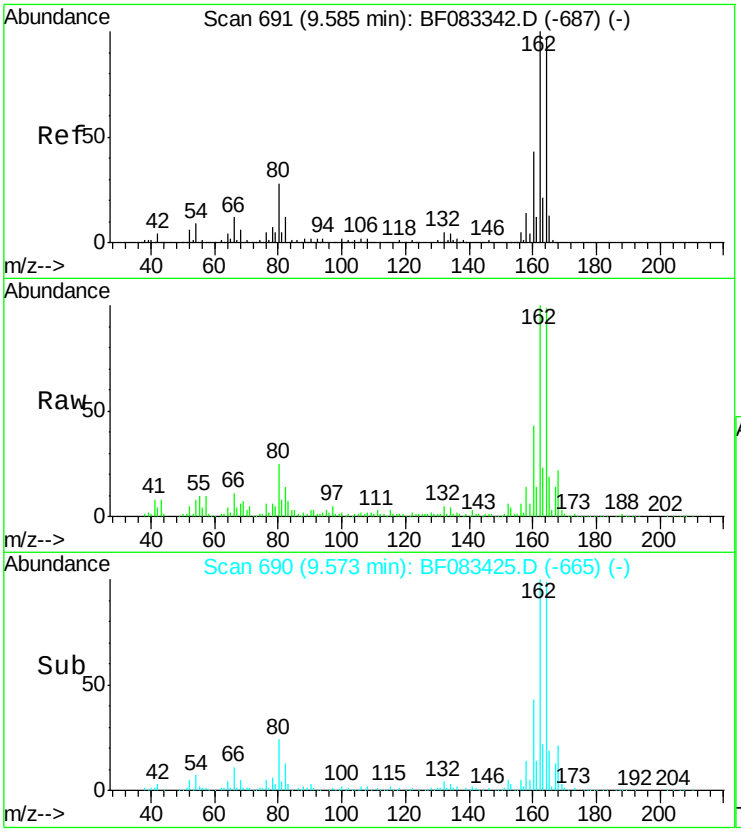


#37
2-Methylnaphthalene
Concen: 66.69 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:142 Resp: 1448941

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	105.8
115	38.1	26.2	39.2



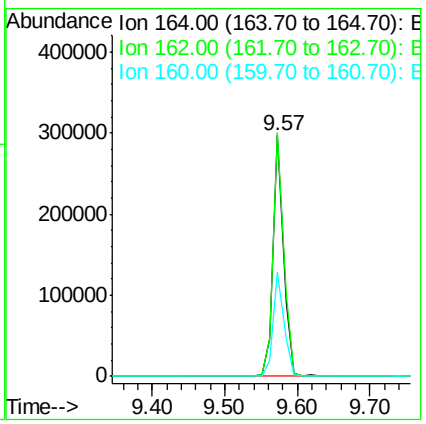


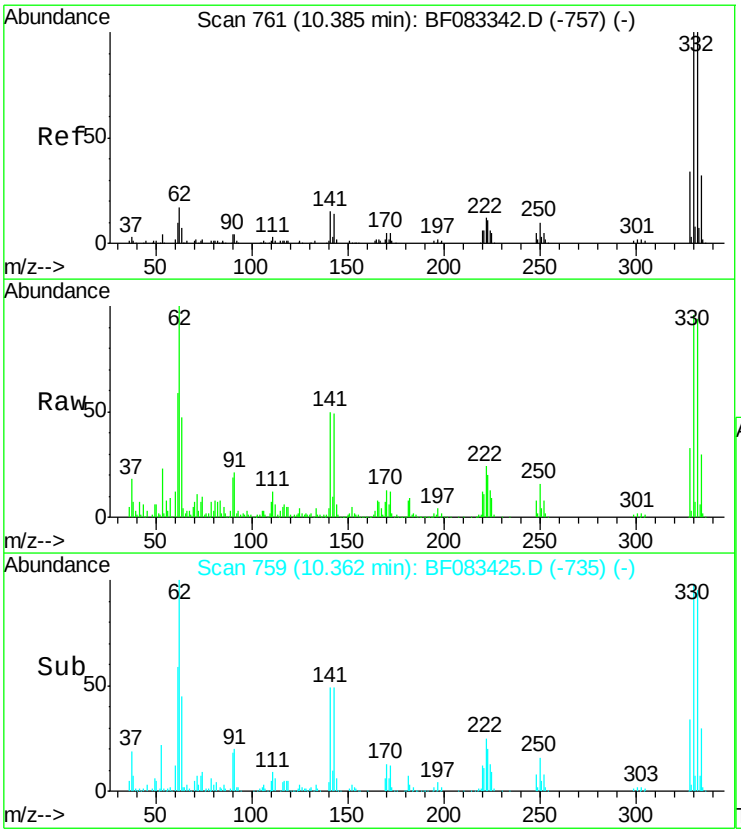
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:164 Resp: 307883

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	43.2	35.3	52.9

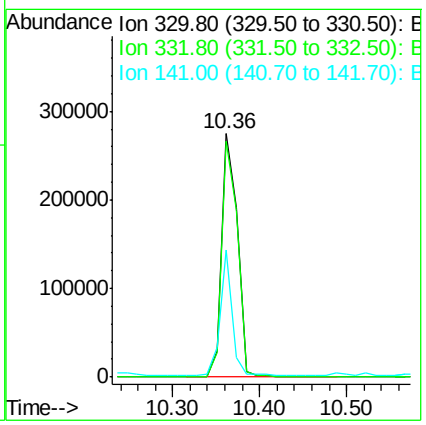


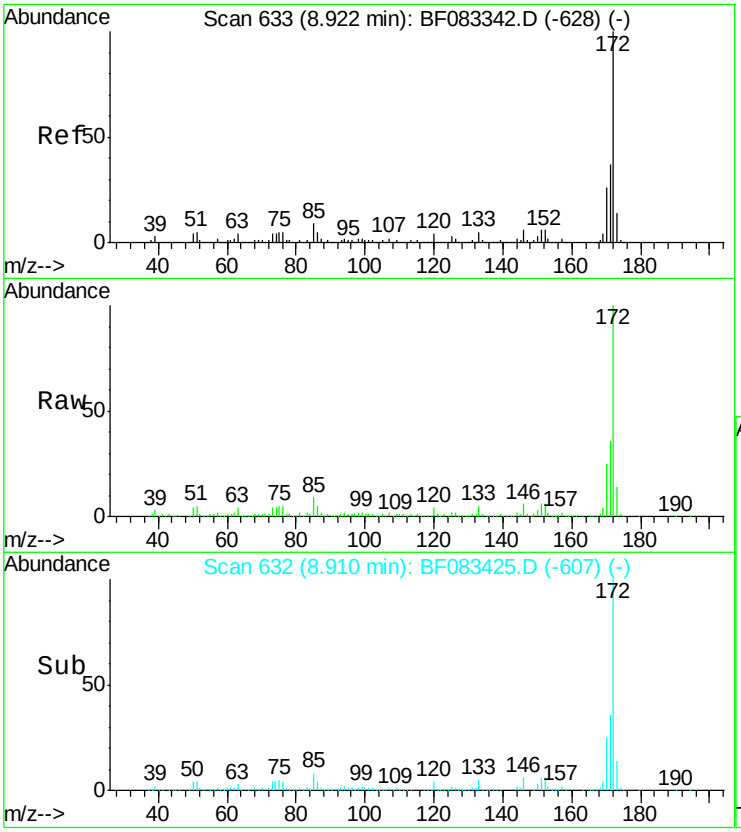


#41
2,4,6-Tribromophenol
Concen: 113.05 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:330 Resp: 349405

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	39.6	29.4	44.0



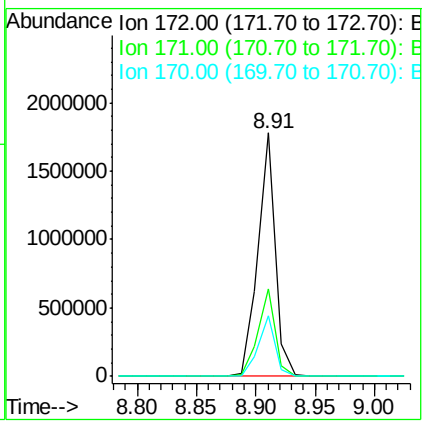


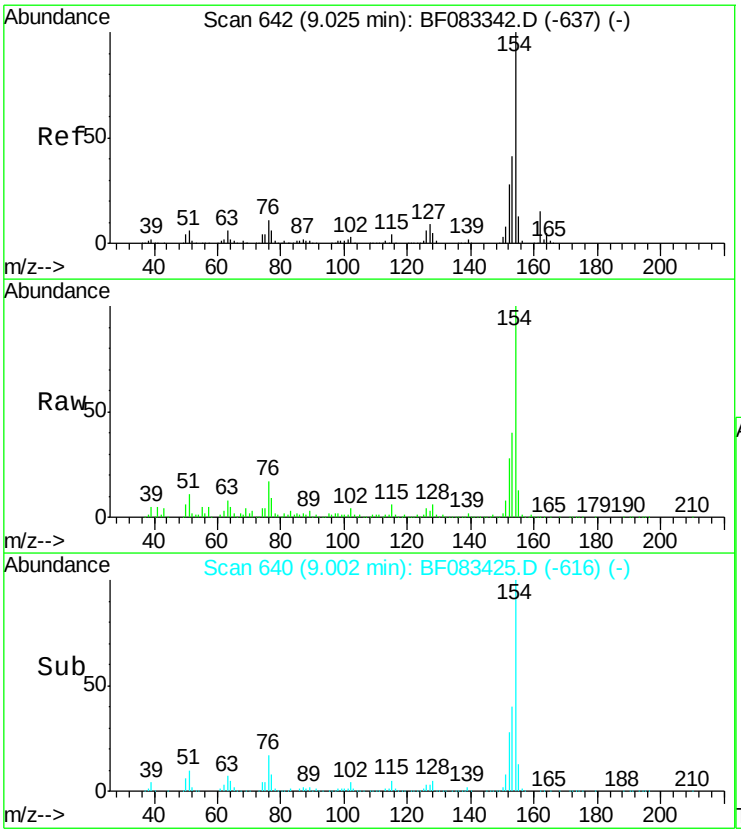
#44
2-Fluorobiphenyl
Concen: 85.16 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:172 Resp: 1839940

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	20.4	30.6

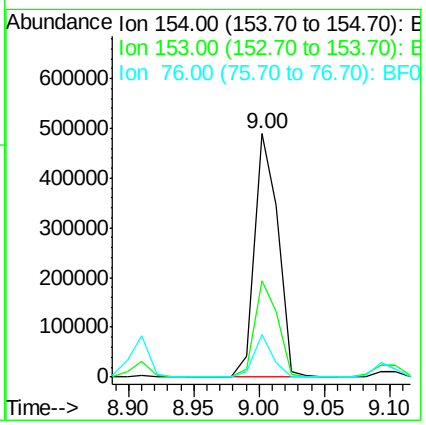


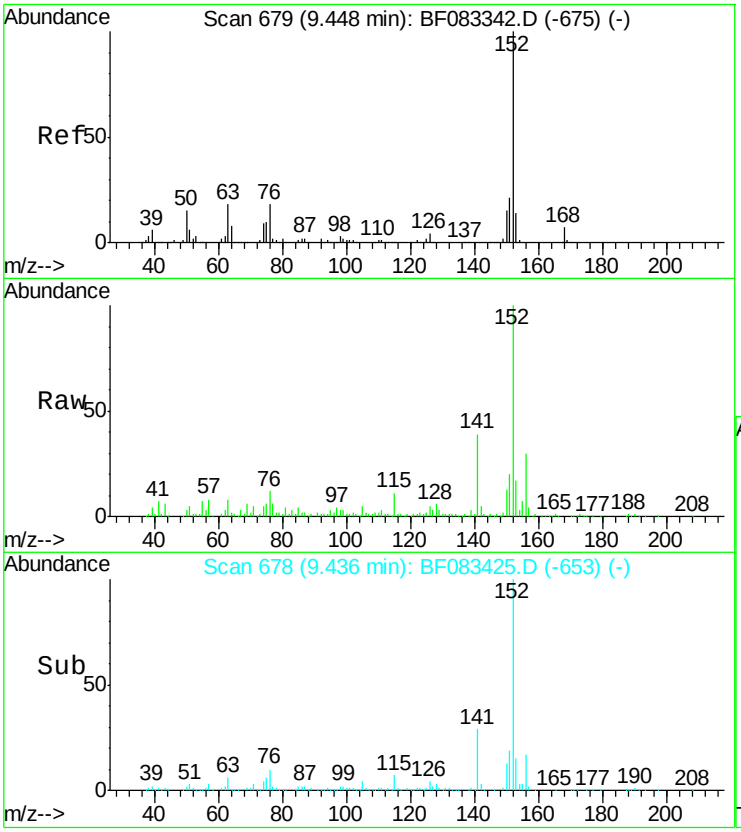


#45
1,1'-Biphenyl
Concen: 22.72 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:154 Resp: 613483

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	17.3	0.0	30.5



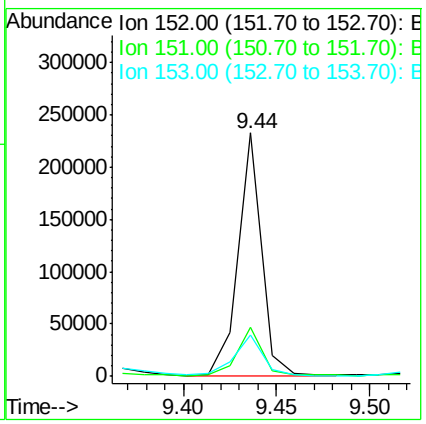


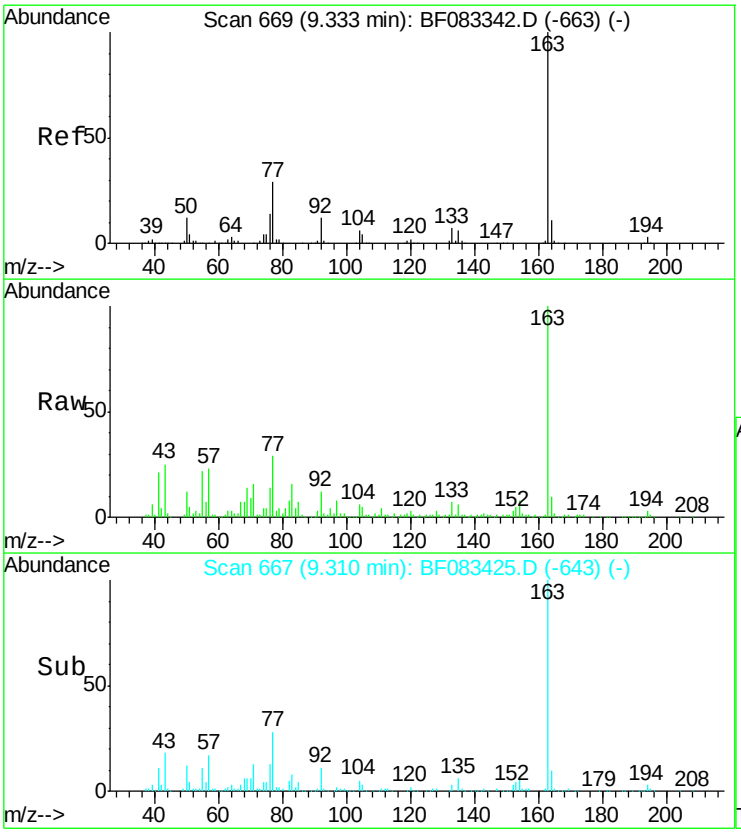
#48
Acenaphthylene
Concen: 6.18 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:152 Resp: 202882

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	16.8	11.2	16.8

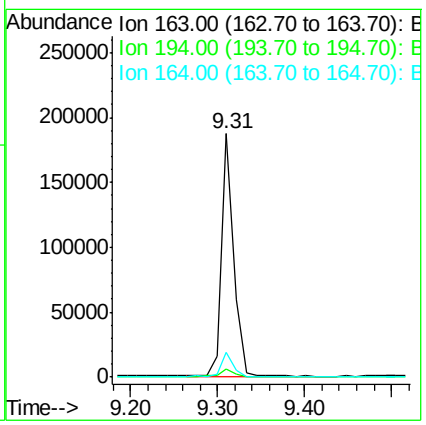


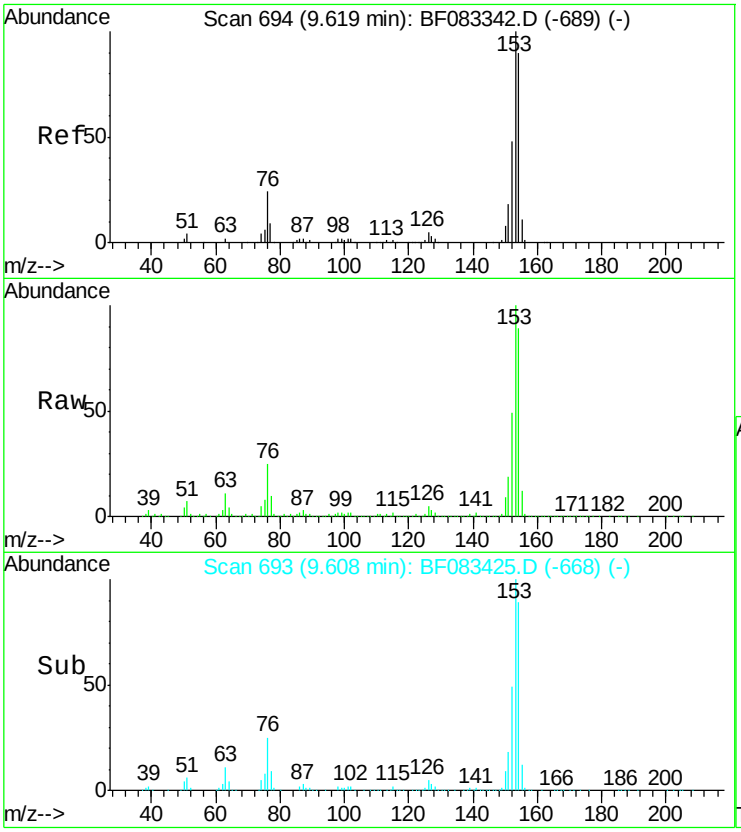


#49
Dimethylphthalate
Concen: 7.37 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:163 Resp: 184508

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.8	13.2



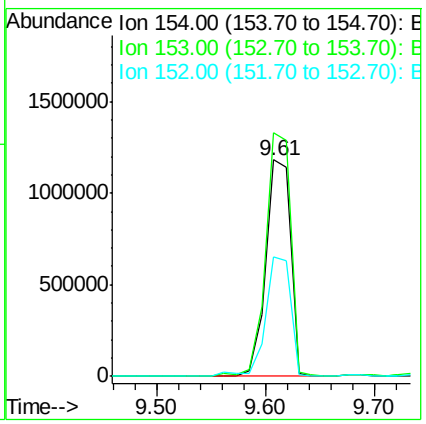


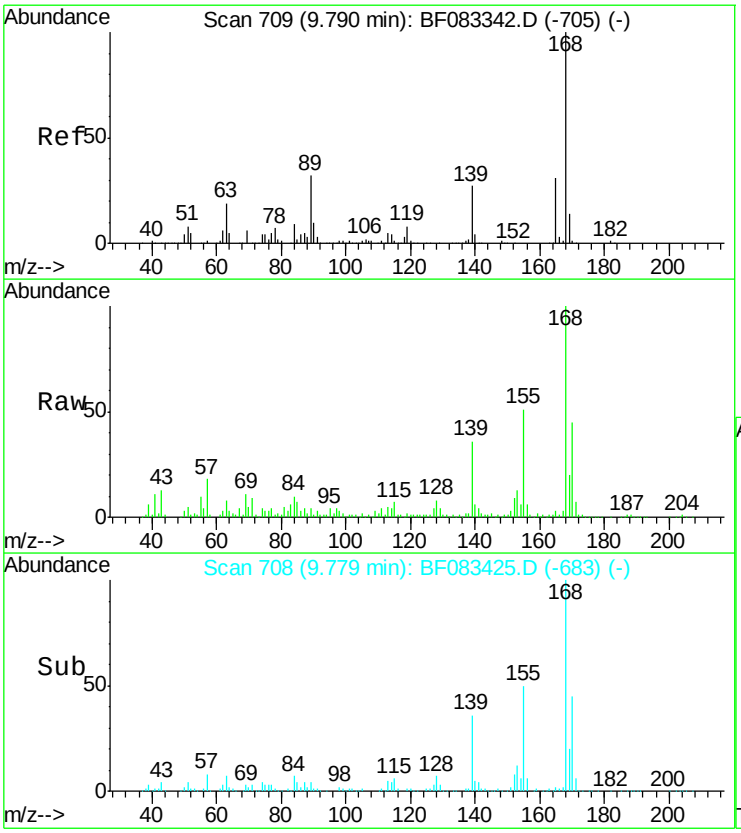
#51
Acenaphthene
Concen: 96.44 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:154 Resp: 1861588

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.3	133.9
152	55.2	42.5	63.7

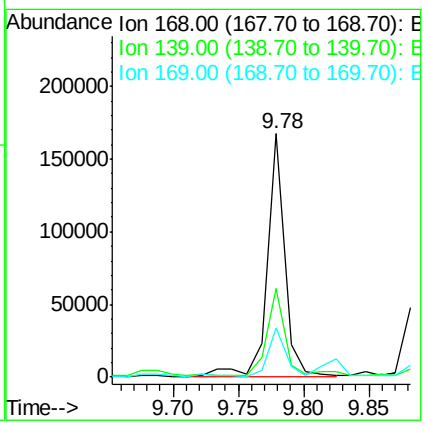


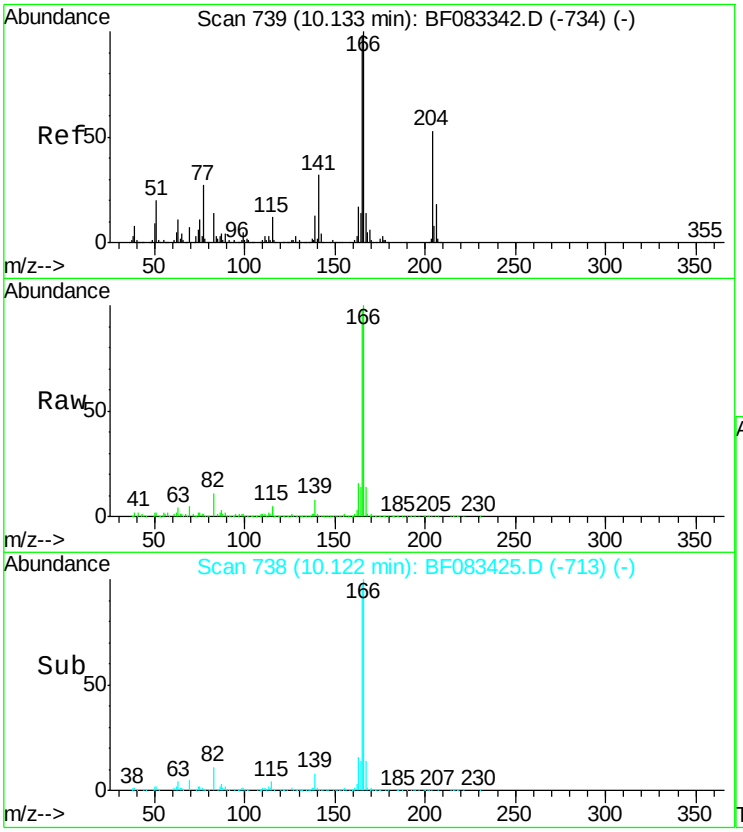


#54
Dibenzofuran
Concen: 5.58 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:168 Resp: 157807

Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.7	49.1
169	20.1	11.1	16.7#



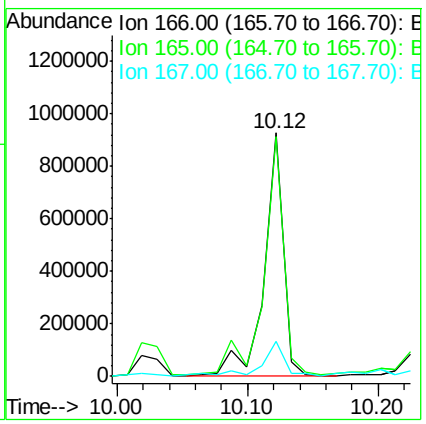


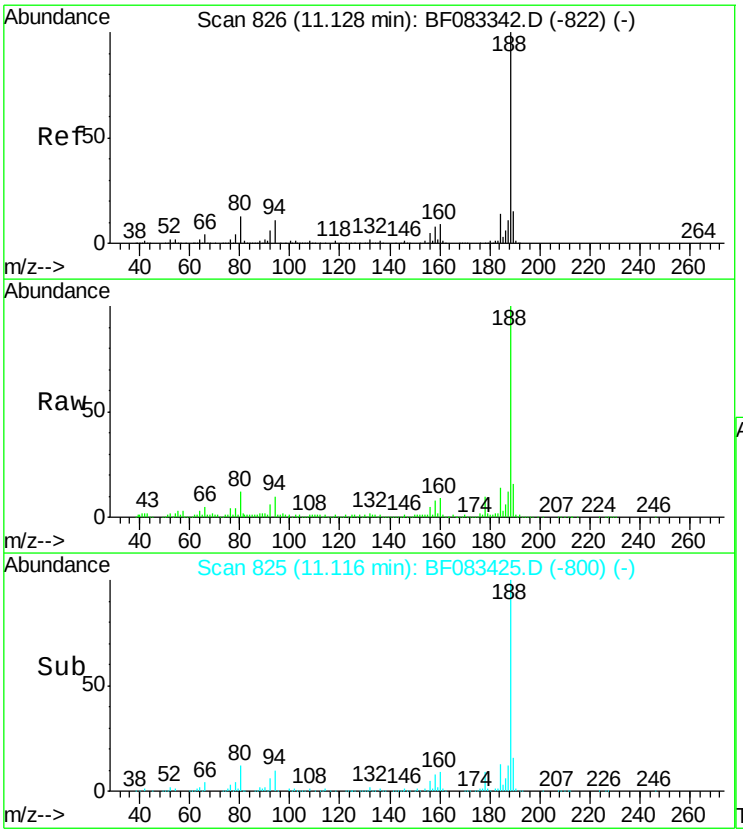
#57
Fluorene
Concen: 43.03 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:166 Resp: 961164

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.3	117.5
167	14.2	11.1	16.7

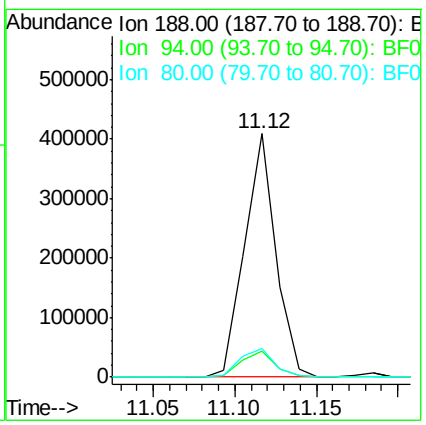


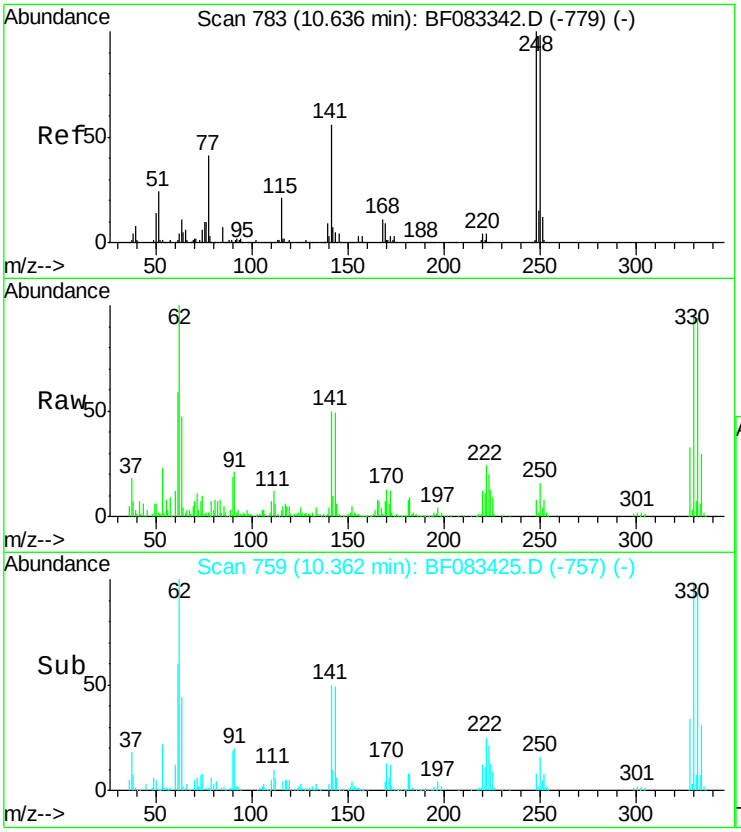


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:188 Resp: 542951

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.8	10.3	15.5



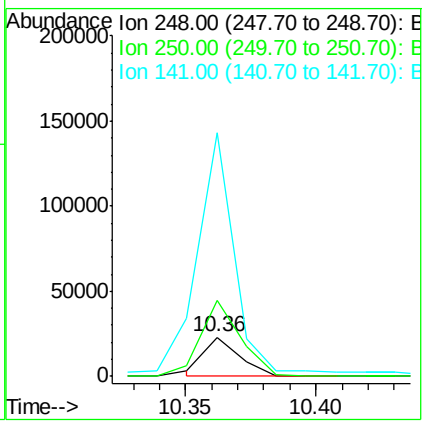


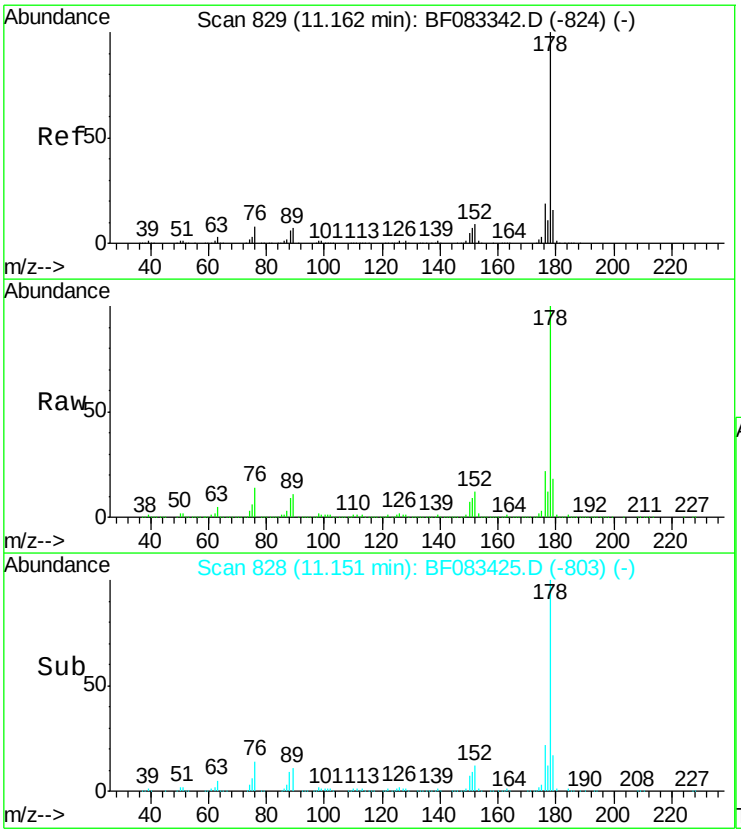
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:248 Resp: 21530

Ion	Ratio	Lower	Upper
248	100		
250	195.2	78.6	118.0#
141	627.4	44.4	66.6#

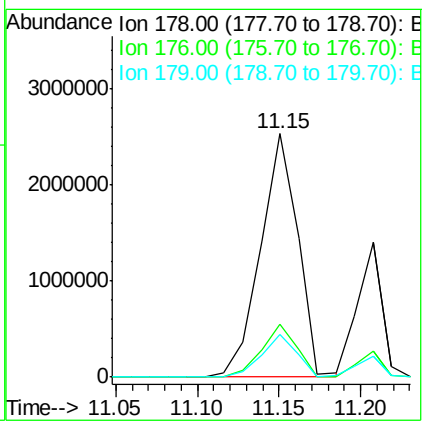


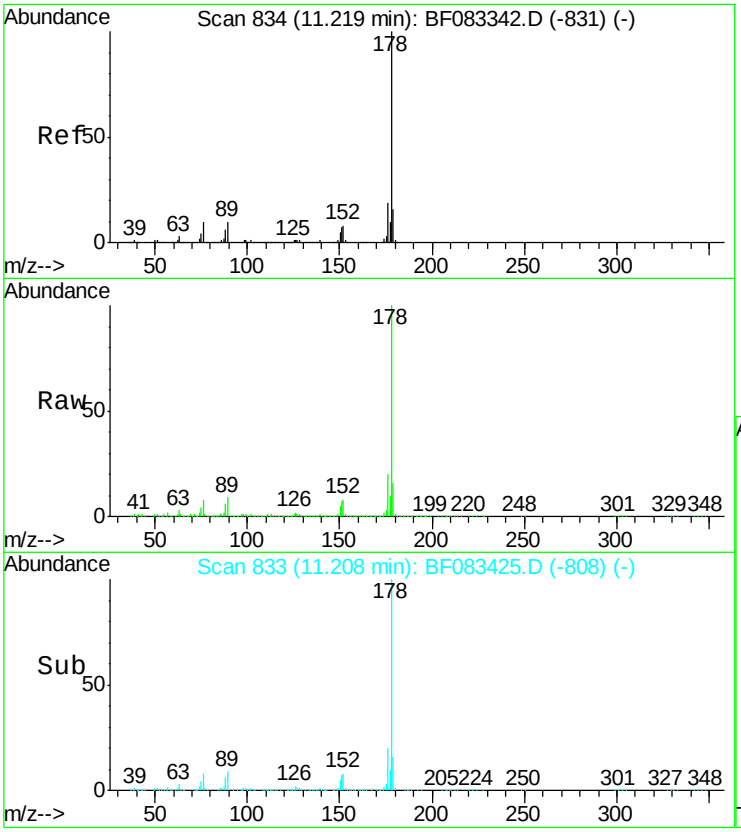


#70
Phenanthrene
Concen: 125.49 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:178 Resp: 4032084

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.3	22.9
179	17.6	12.4	18.6



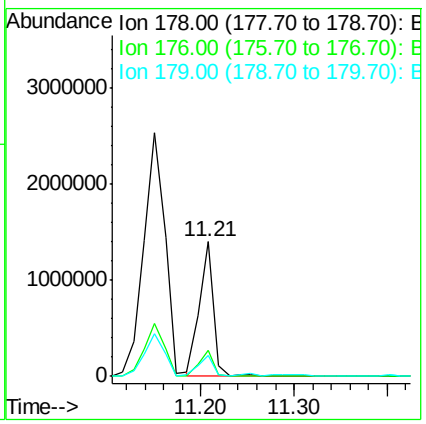


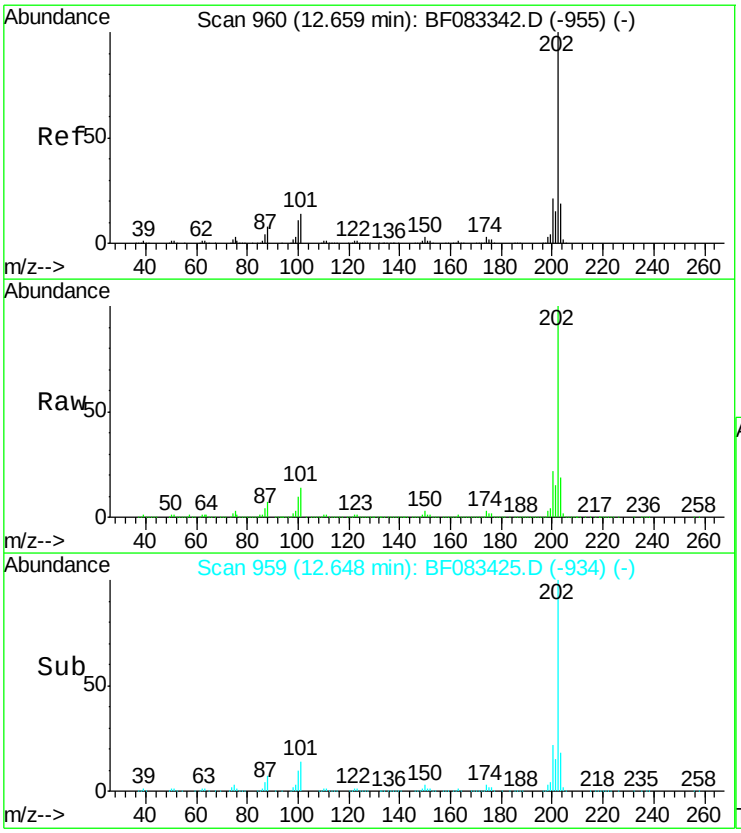
#71
Anthracene
Concen: 46.74 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:178 Resp: 1511806

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.8	19.2

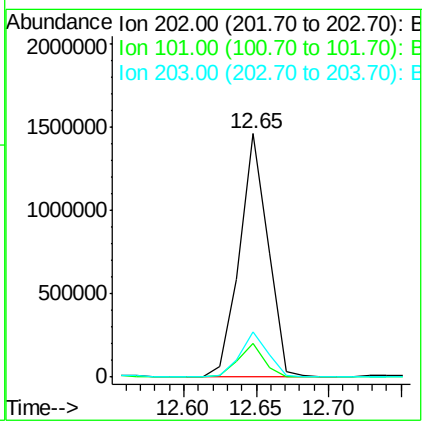


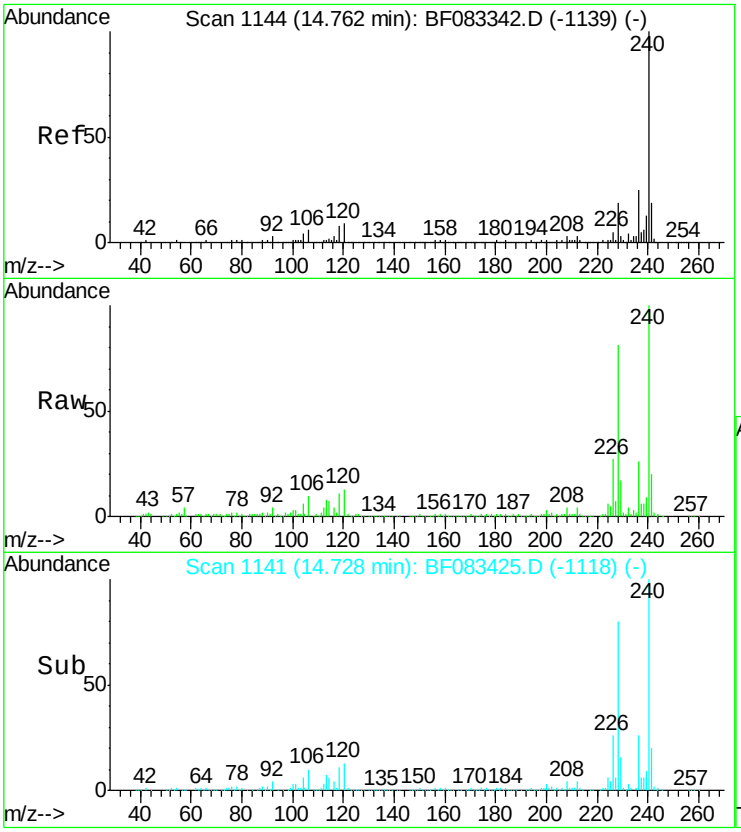


#74
Fluoranthene
Concen: 59.36 ng
RT: 12.65 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:202 Resp: 1977218

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.5
203	18.6	0.0	38.7



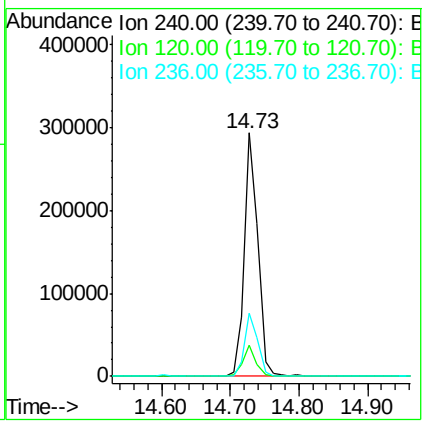


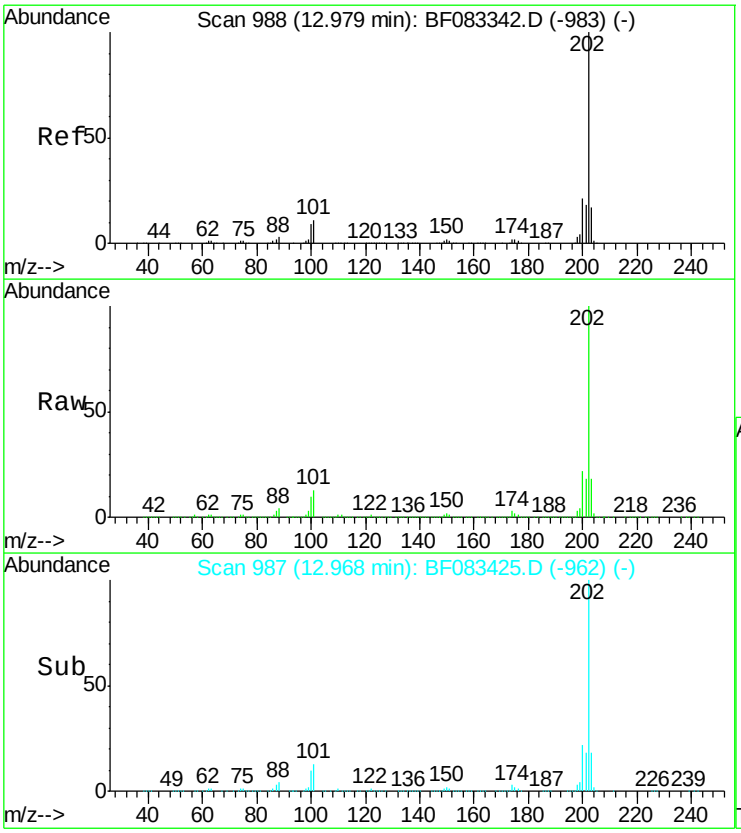
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:240 Resp: 401174

Ion	Ratio	Lower	Upper
240	100		
120	12.7	6.9	10.3#
236	26.1	19.8	29.6

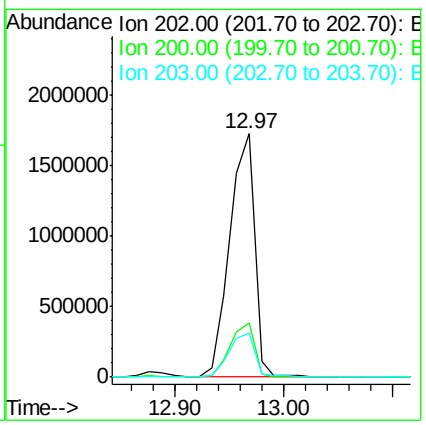


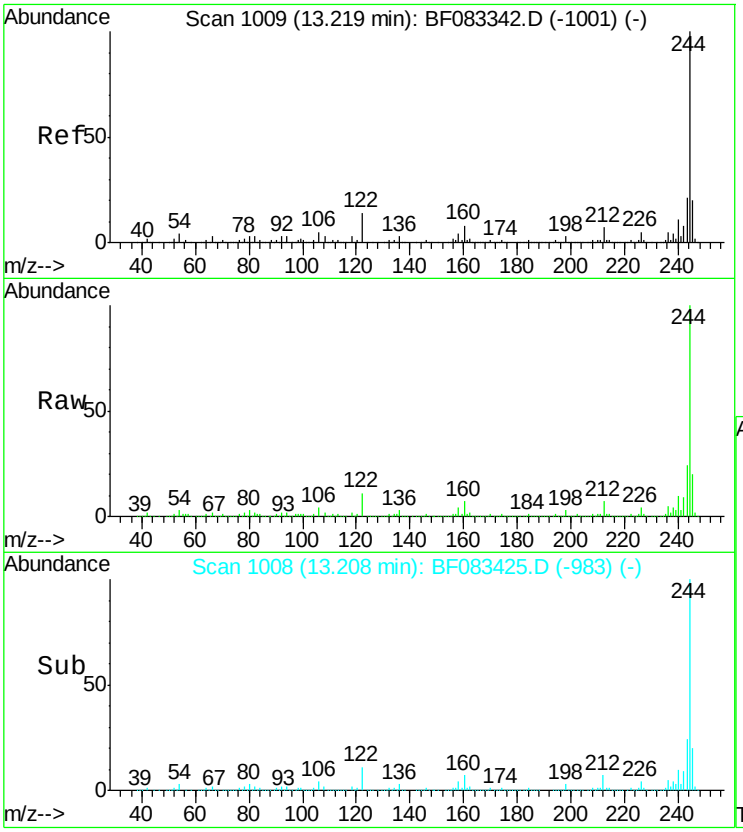


#77
Pyrene
Concen: 96.18 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:202 Resp: 2694740

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.1	13.9	20.9



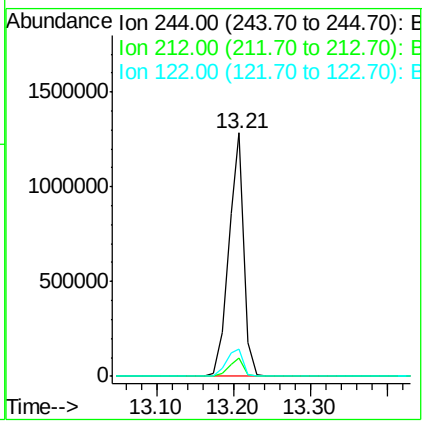


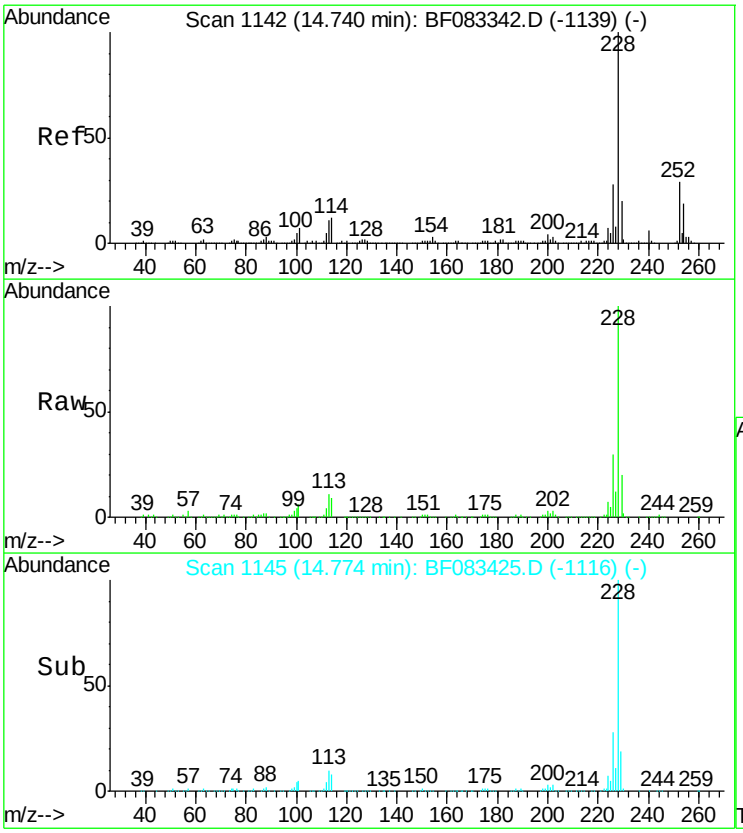
#78
Terphenyl-d14
Concen: 105.56 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:244 Resp: 1775788

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.3	11.0	16.4

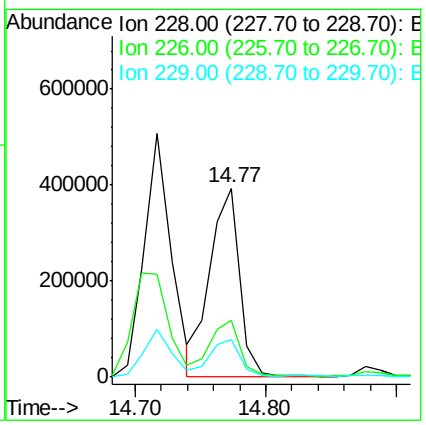


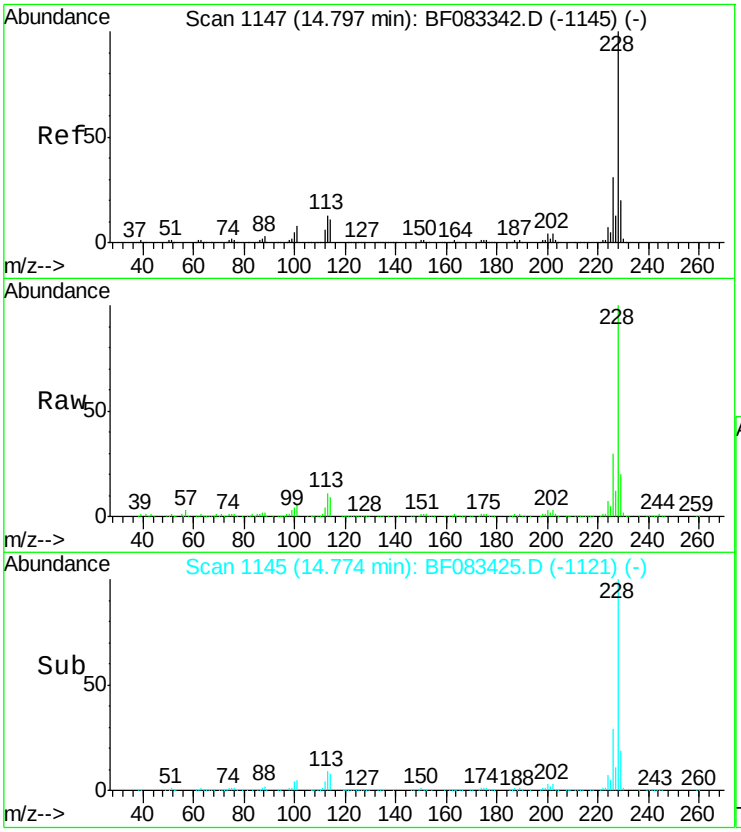


#80
Benzo(a)anthracene
Concen: 25.26 ng
RT: 14.77 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:228 Resp: 620876

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	19.7	16.1	24.1



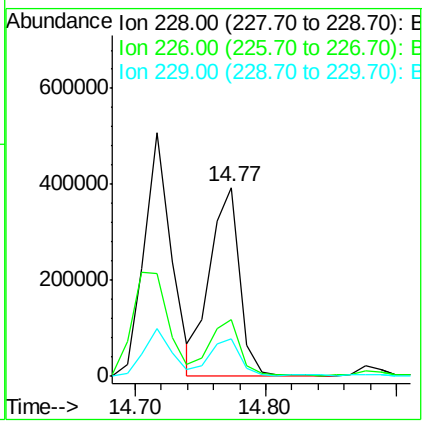


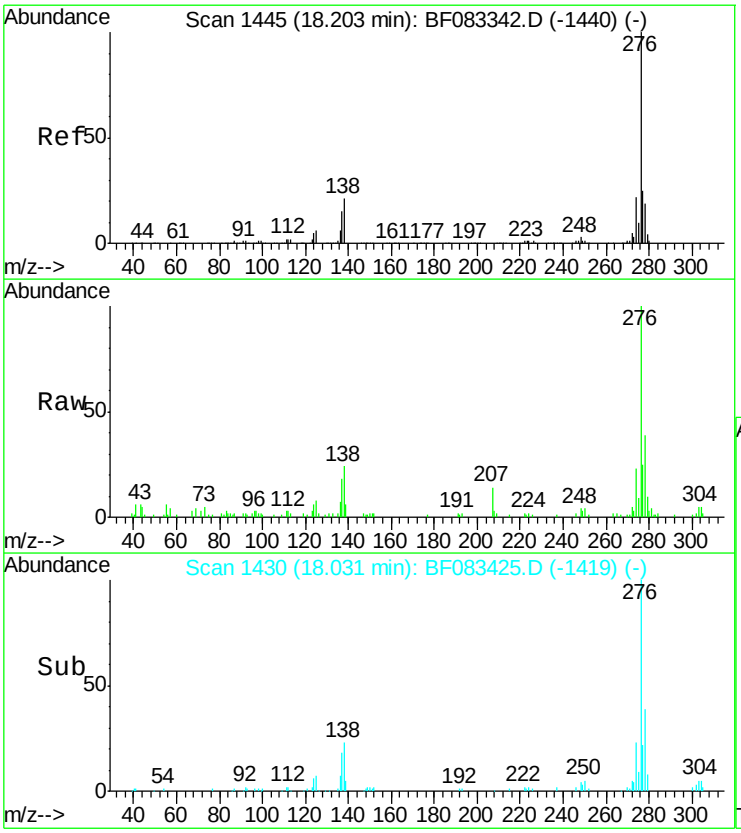
#82
Chrysene
Concen: 26.15 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:228 Resp: 620876

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.7	16.2	24.2

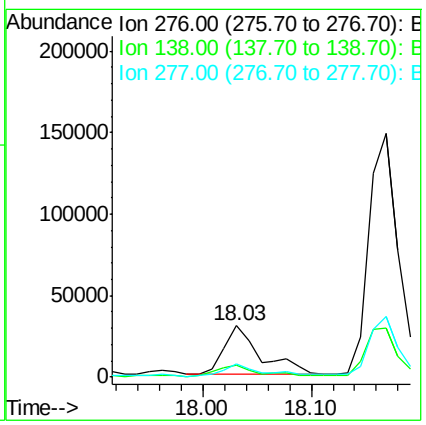


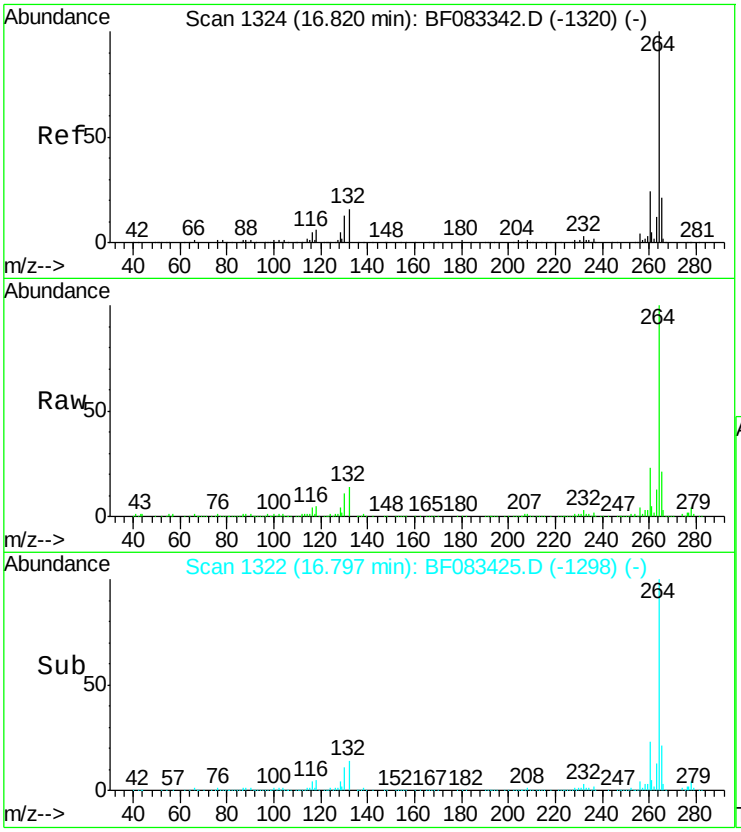


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.06 ng
RT: 18.03 min Scan# 1430
Delta R.T. -0.17 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:276 Resp: 70260

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.2	31.8
277	27.2	20.0	30.0



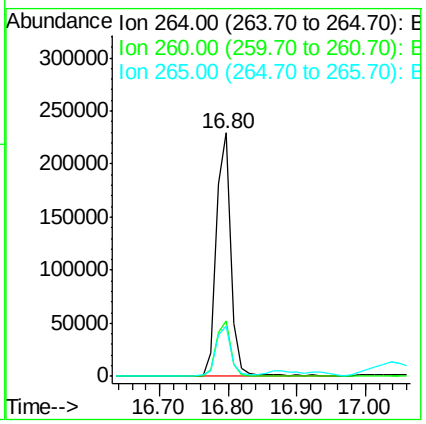


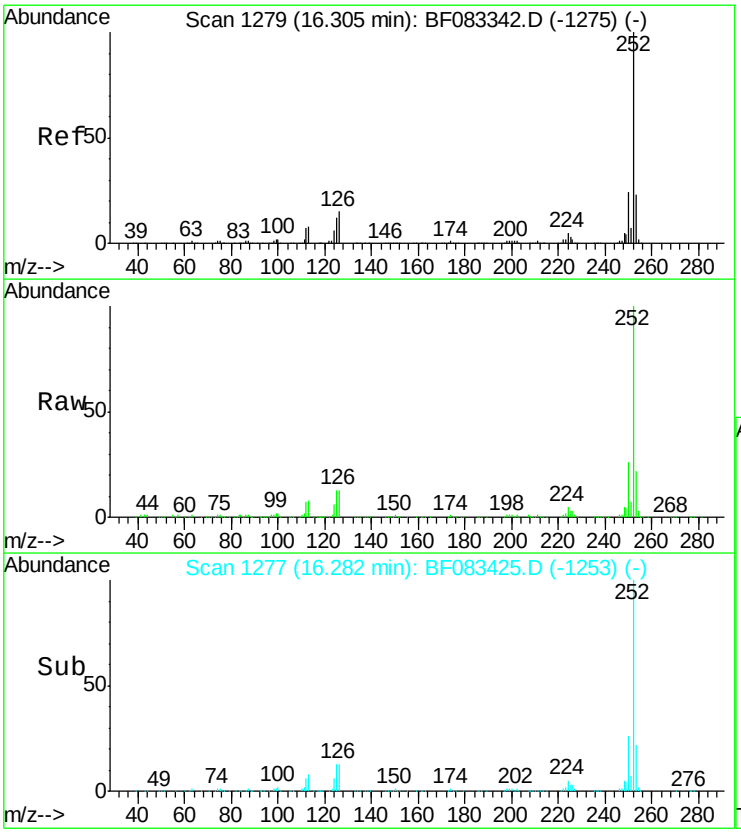
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:264 Resp: 346767

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.6	16.8	25.2

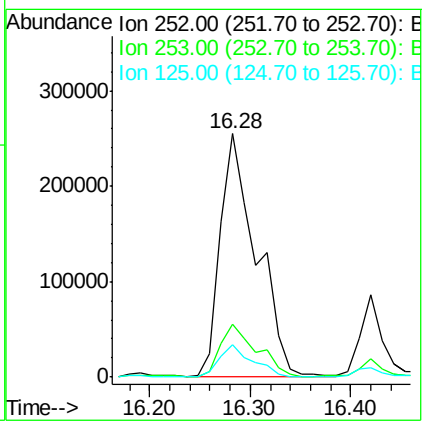


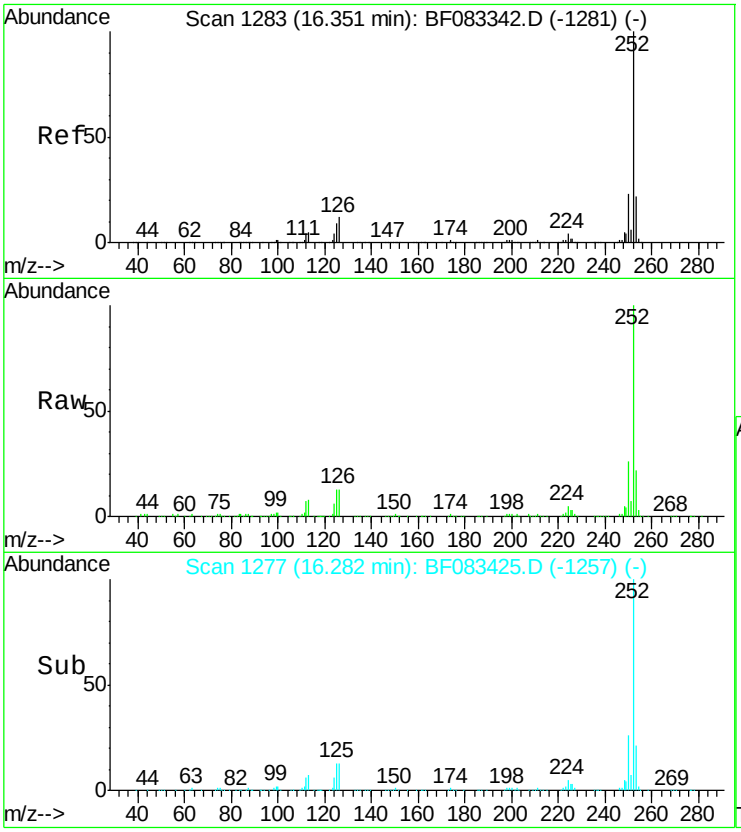


#87
Benzo(b)fluoranthene
Concen: 28.52 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:252 Resp: 634505

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.3	9.6	14.4



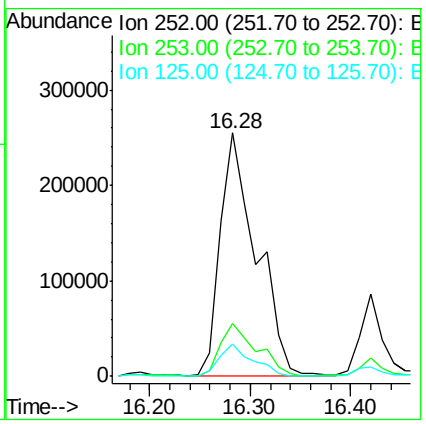


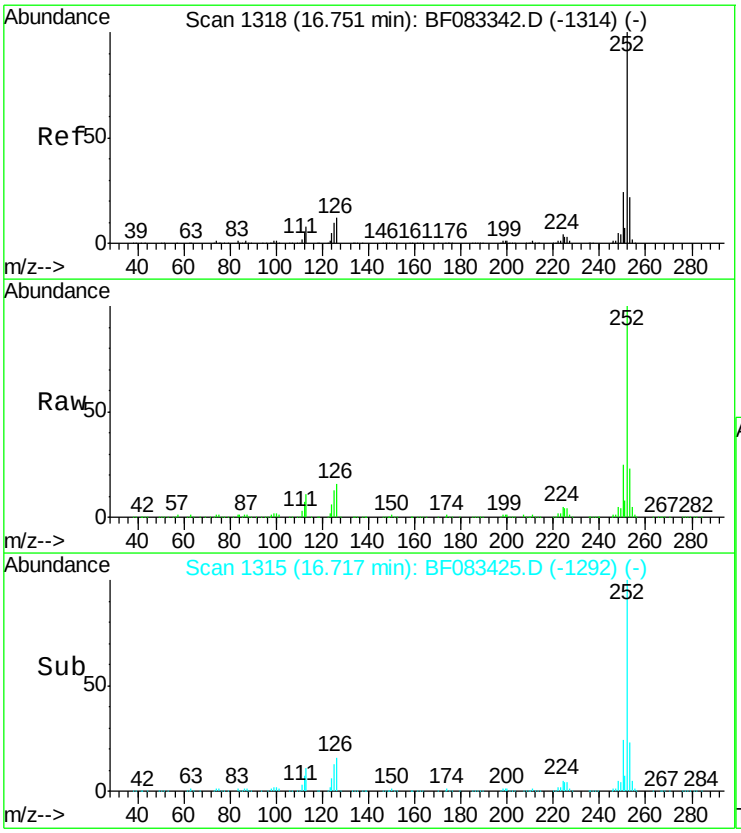
#88
Benzo(k)fluoranthene
Concen: 30.20 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.07 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:252 Resp: 634505

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	13.3	7.5	11.3#

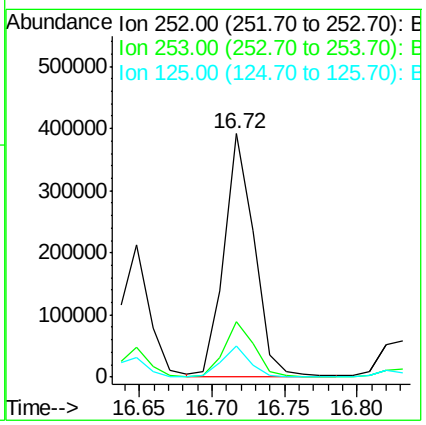


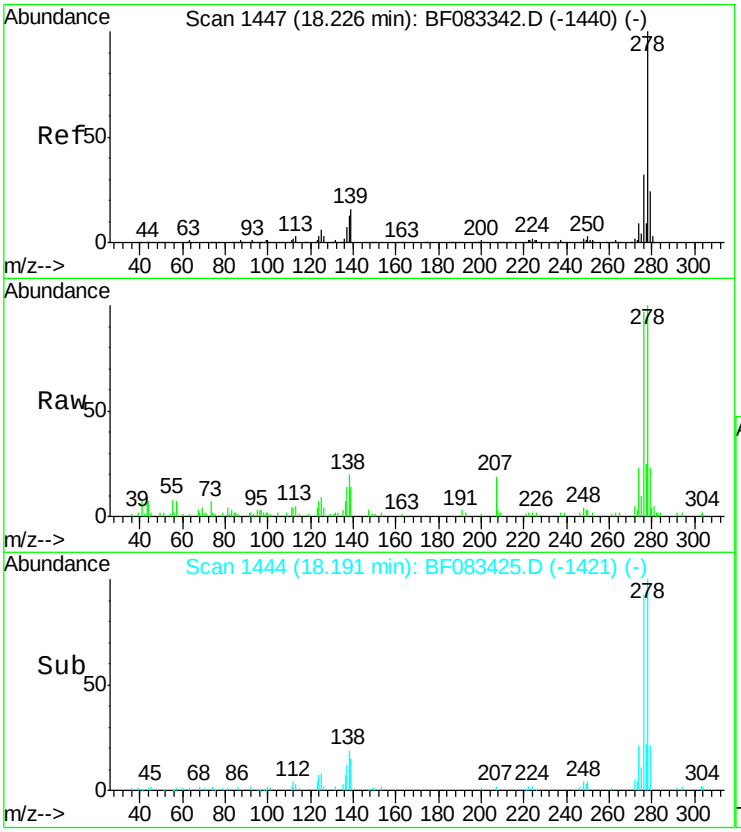


#89
Benzo(a)pyrene
Concen: 29.55 ng
RT: 16.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:252 Resp: 564724

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.8	7.8	11.8#



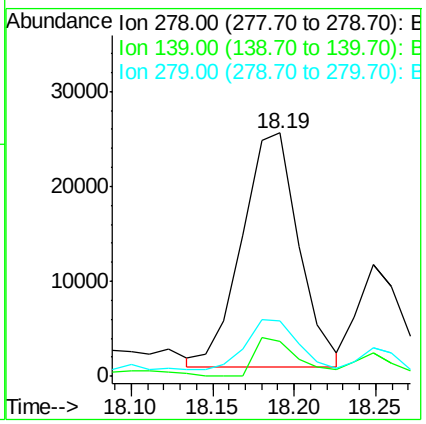


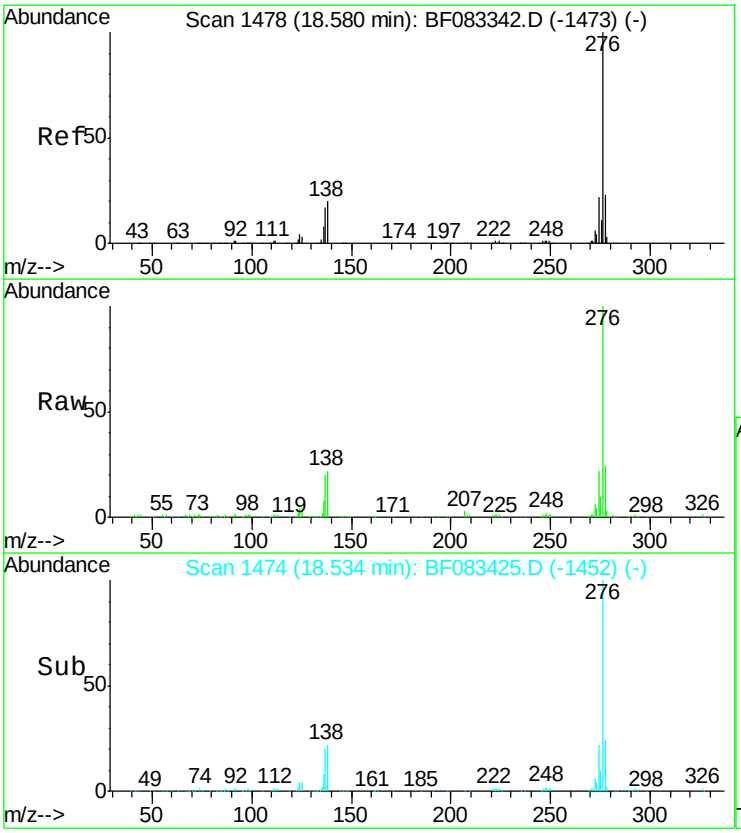
#90
Dibenzo(a,h)anthracene
Concen: 3.59 ng
RT: 18.19 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:278 Resp: 59734

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.1	19.7
279	23.0	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 20.26 ng
RT: 18.53 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:276 Resp: 331113

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	22.2	16.1	24.1