Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084032.D
Acq On : 23 Dec 2015 11:43
Operator : UM/SJ
Sample : G4930-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 23 12:45:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45280	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	177848	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	158276	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	240404	20.00	ng		0.00
75) Chrysene-d12	14.01	240	90024	20.00	ng		0.01
86) Perylene-d12	15.45	264	88918	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	357162	134.49	ng		0.01
7) Phenol-d6	6.48	99	438149	140.32	ng		0.00
23) Nitrobenzene-d5	7.39	82	278373	96.16	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	184022	120.88	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	607759	51.68	ng		0.00
78) Terphenyl-d14	12.94	244	376502	99.74	ng		0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.98	79	5638	2.29	ng	#	46
25) Isophorone	7.39	82	243970	44.47	ng	#	66
35) Caprolactam	8.54	113	2896	3.85	ng	#	5
37) 2-Methylnaphthalene	8.83	142	14427	2.45	ng		97
49) Dimethylphthalate	9.58	163	90465	7.30	ng	#	91
53) 2,4-Dinitrophenol	10.17	184	2247	9.81	ng	#	78
55) 4-Nitrophenol	9.97	139	3271	2.00	ng	#	1
57) Fluorene	10.42	166	31069	2.76	ng	#	79
65) n-Nitrosodiphenylamine	10.53	169	23278	2.62	ng	#	55
69) Pentachlorophenol	11.18	266	227	7.14	ng	#	18
70) Phenanthrene	11.38	178	56341	4.15	ng	#	85
71) Anthracene	11.47	178	34398	2.49	ng	#	1
77) Pyrene	12.81	202	18719	3.06	ng	#	80
80) Benzo(a)anthracene	14.02	228	22132	4.26	ng	#	25
82) Chrysene	14.02	228	22132	4.59	ng	#	32

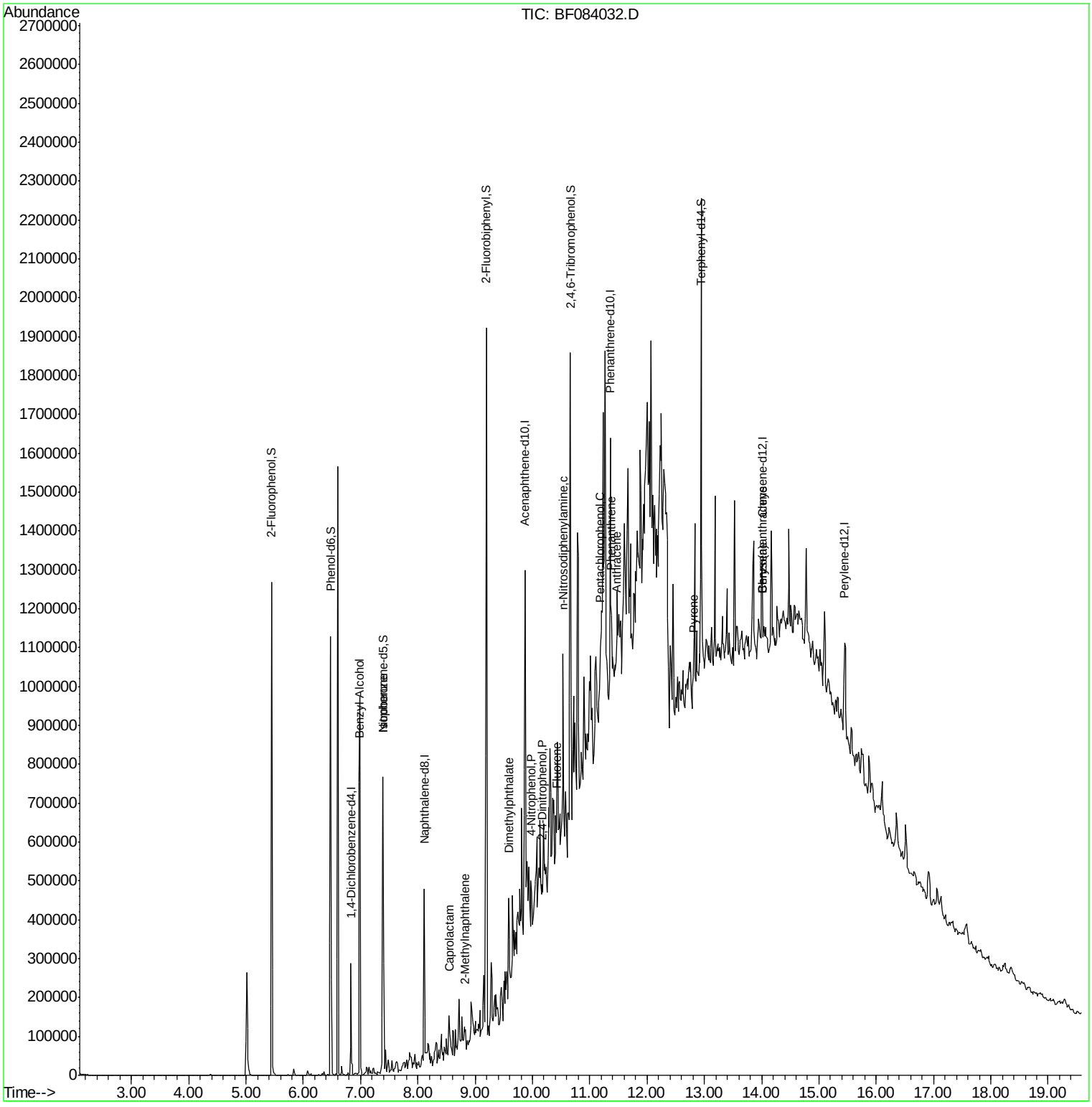
(#) = qualifier out of range (m) = manual integration (+) = signals summed

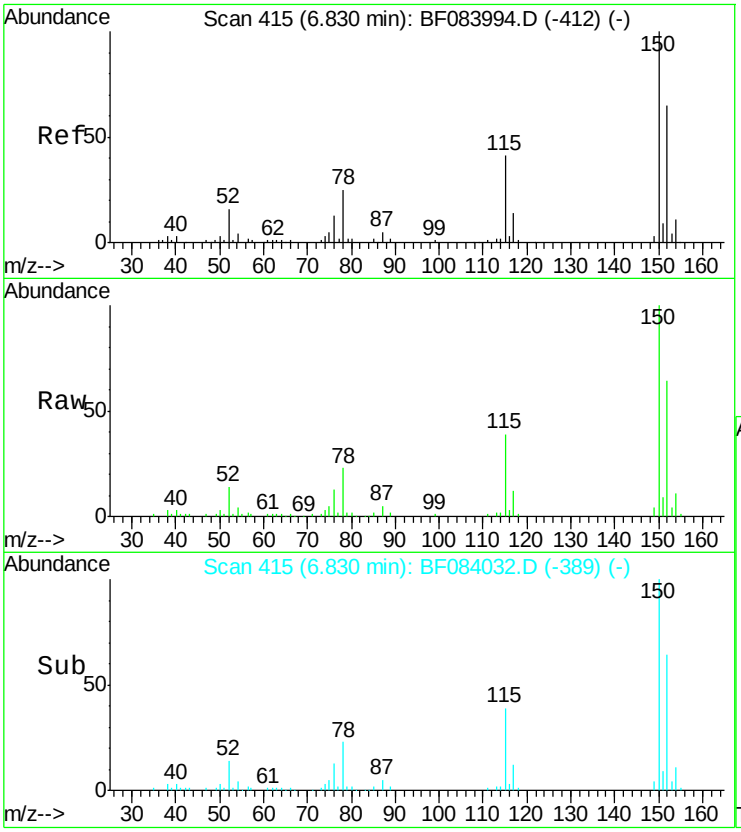
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084032.D
Acq On : 23 Dec 2015 11:43
Operator : UM/SJ
Sample : G4930-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 23 12:45:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



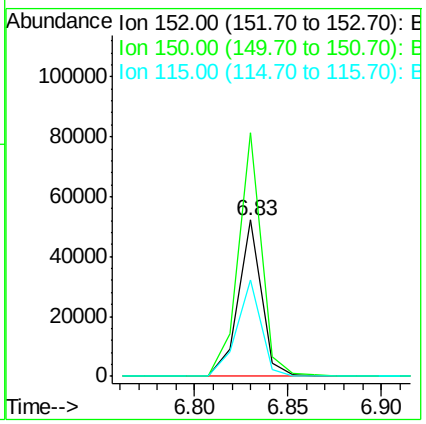


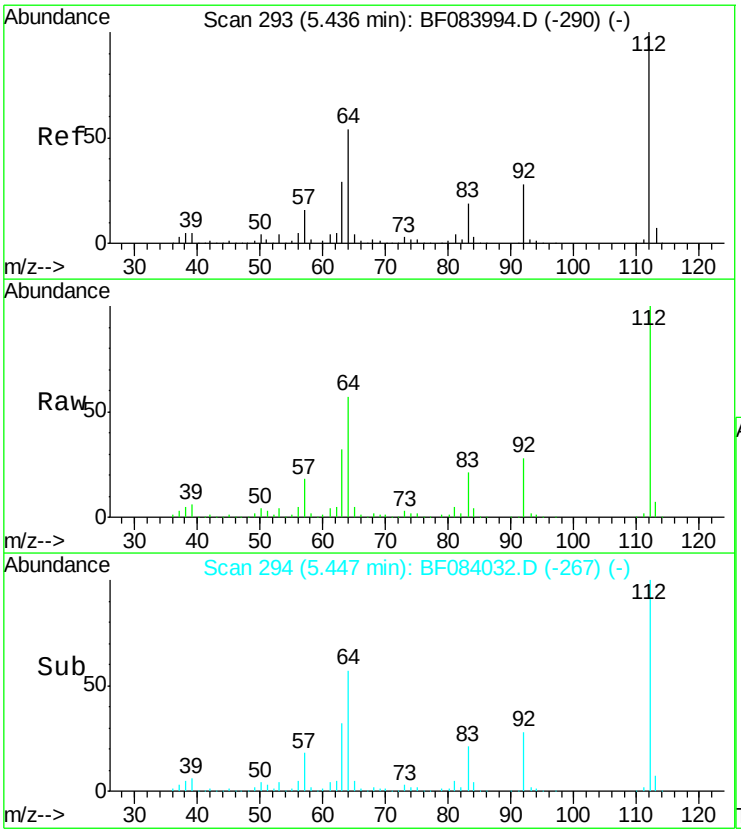
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45280

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	61.6	51.4	77.2

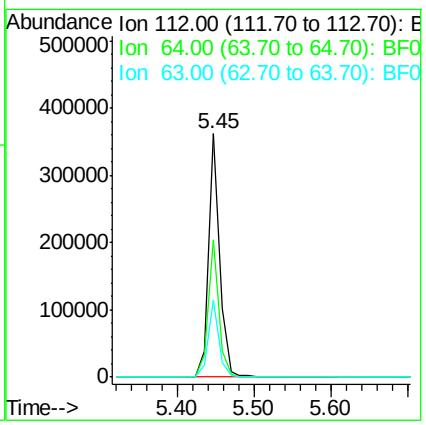


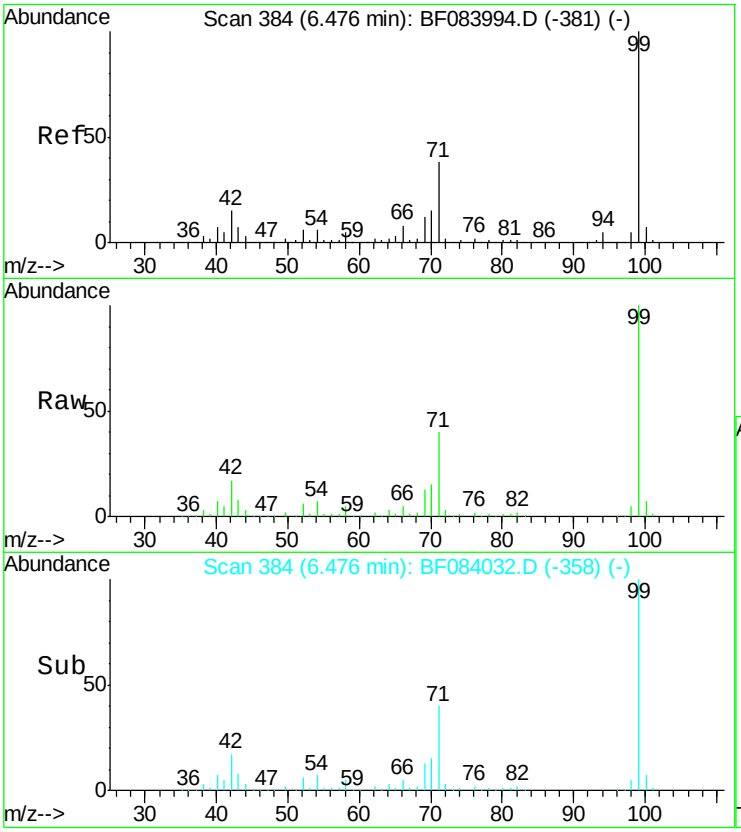


#5
2-Fluorophenol
Concen: 134.49 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:112 Resp: 357162

Ion	Ratio	Lower	Upper
112	100		
64	56.6	36.6	55.0#
63	31.7	19.4	29.0#



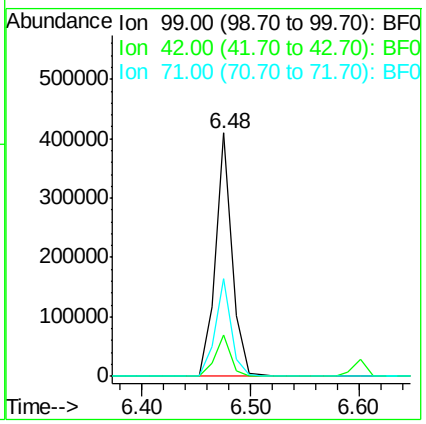


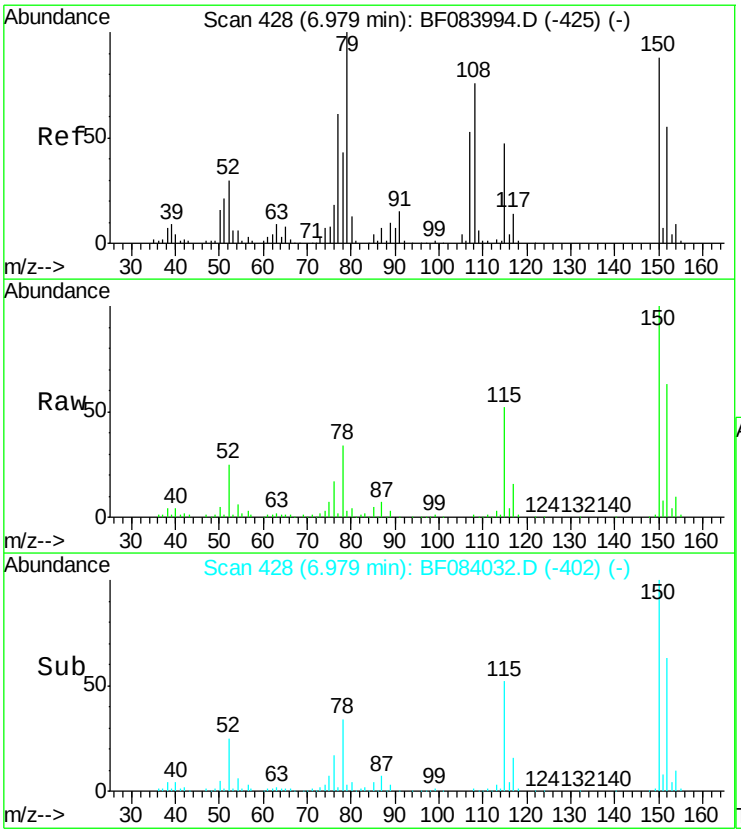
#7
Phenol-d6
Concen: 140.32 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 438149

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	40.1	30.9	46.3

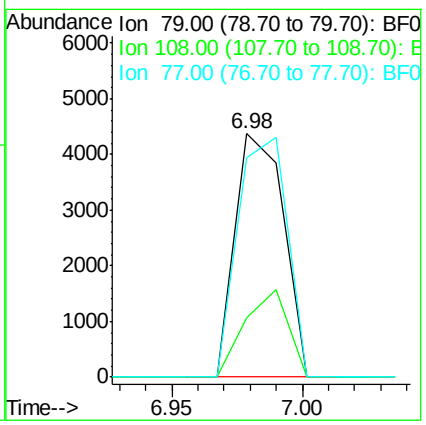


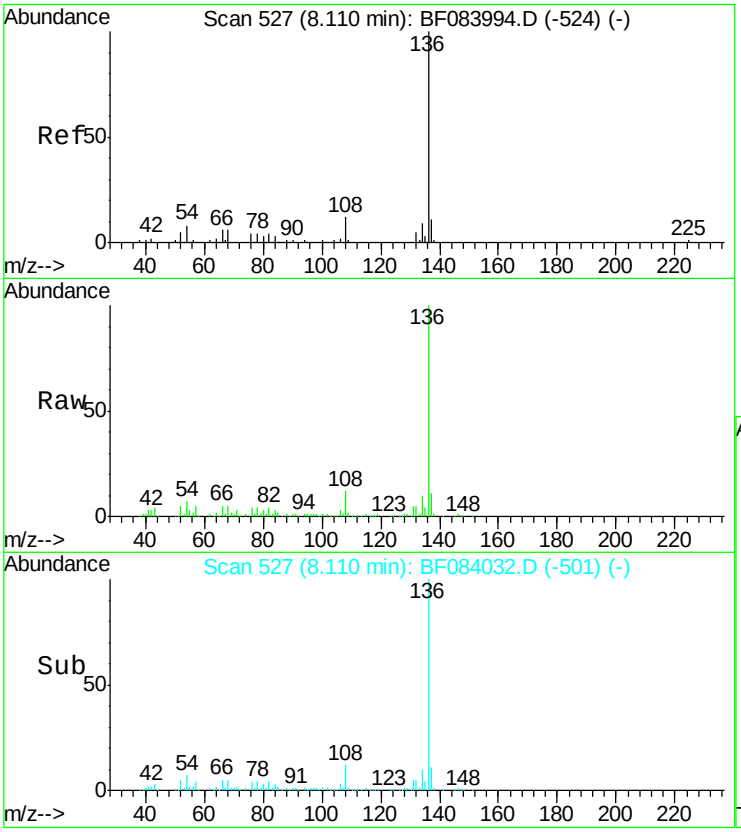


#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion: 79 Resp: 5638

Ion	Ratio	Lower	Upper
79	100		
108	24.6	69.0	103.4#
77	89.9	50.0	75.0#



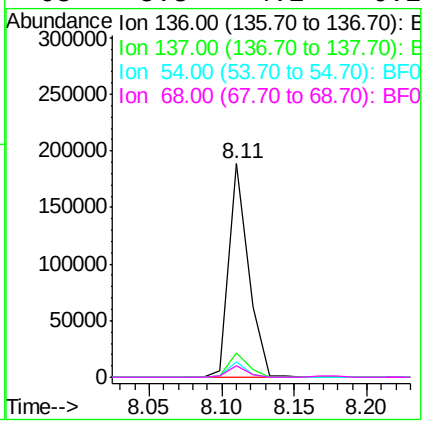


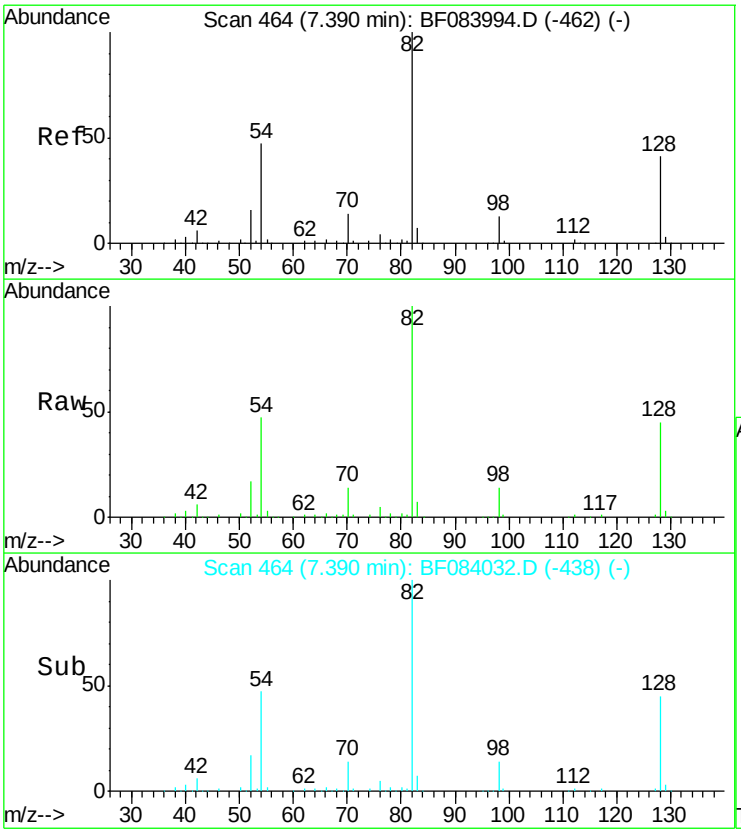
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 177848

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.0	5.8	8.8
68	5.3	4.2	6.2

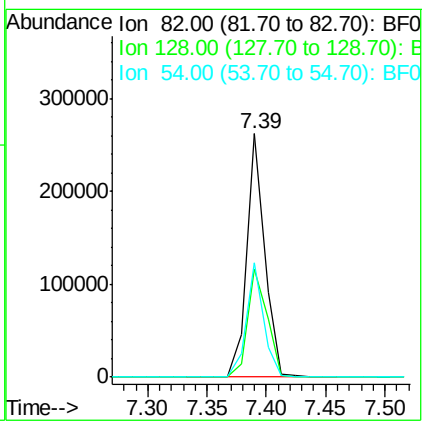


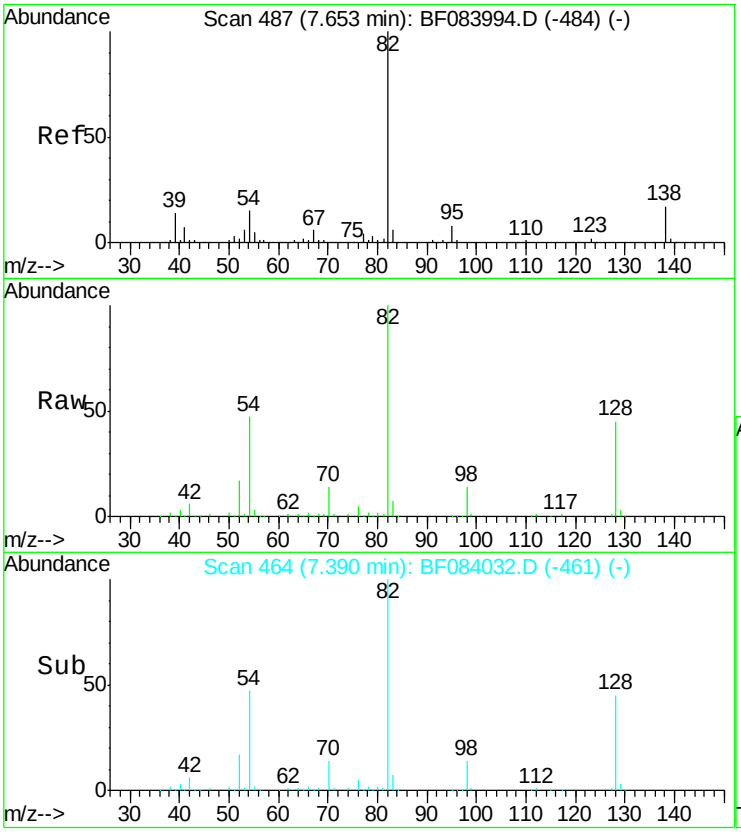


#23
Nitrobenzene-d5
Concen: 96.16 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion: 82 Resp: 278373

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	47.2	38.4	57.6



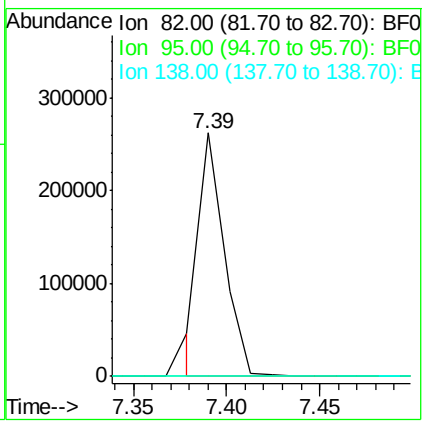


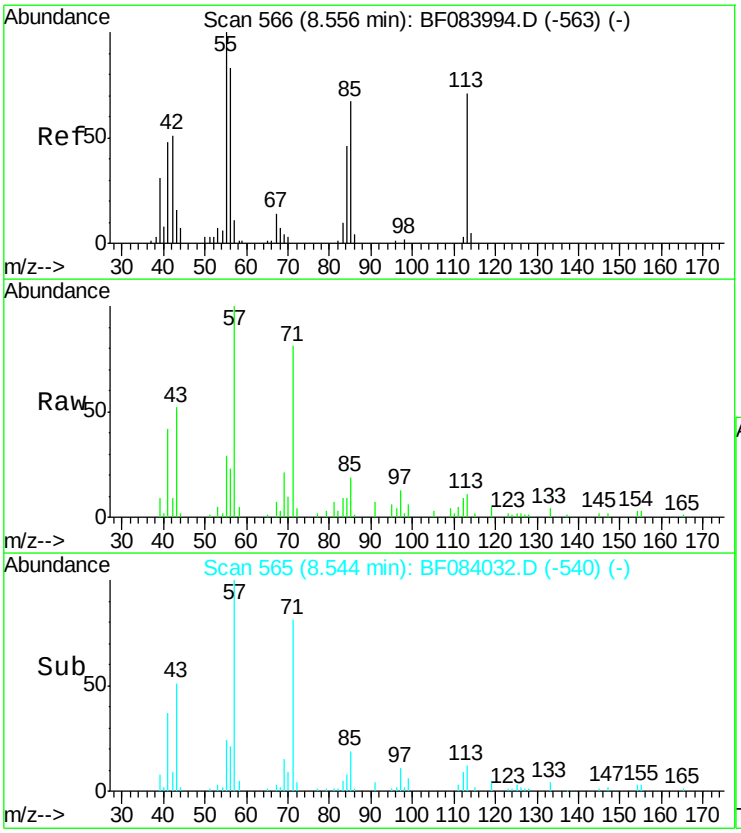
#25
Isophorone
Concen: 44.47 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 243970

Ion	Ratio	Lower	Upper
82	100		
95	0.2	6.6	10.0#
138	0.0	13.6	20.4#

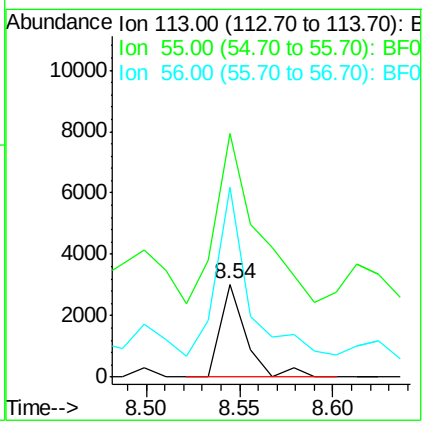


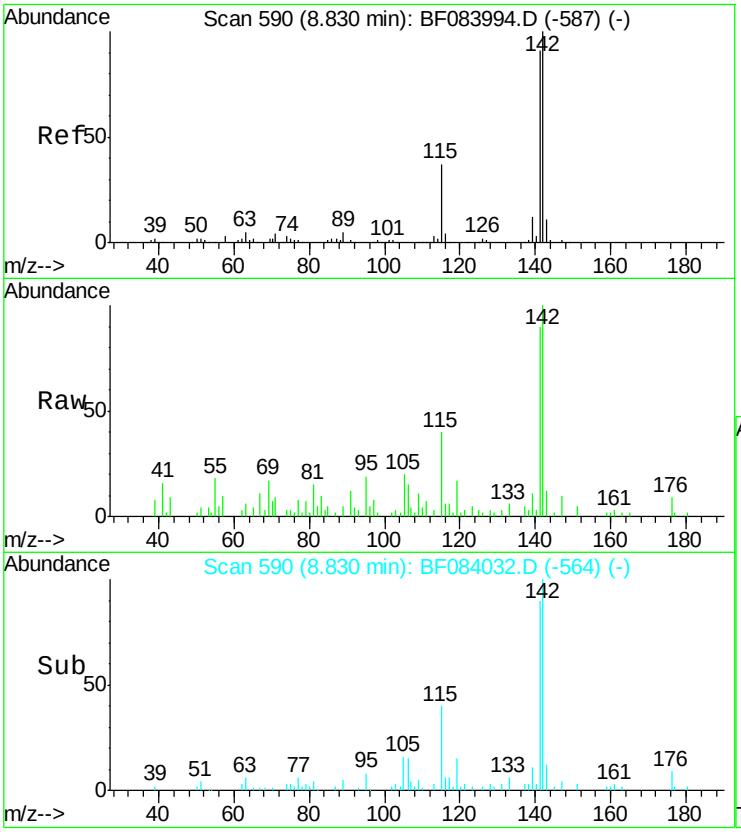


#35
Caprolactam
Concen: 3.85 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:113 Resp: 2896

Ion	Ratio	Lower	Upper
113	100		
55	262.1	116.9	156.9#
56	204.2	93.8	133.8#



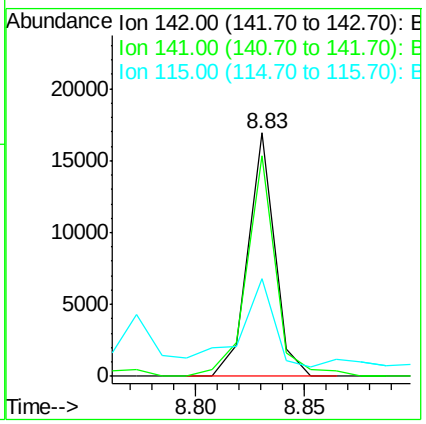


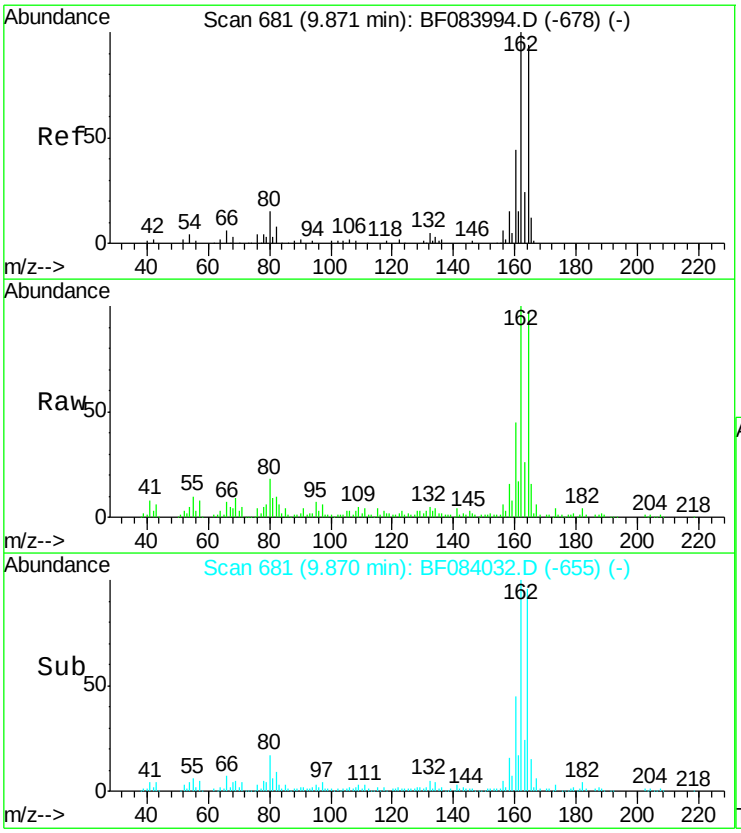
#37
2-Methylnaphthalene
Concen: 2.45 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 14427

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6
115	40.3	27.9	41.9

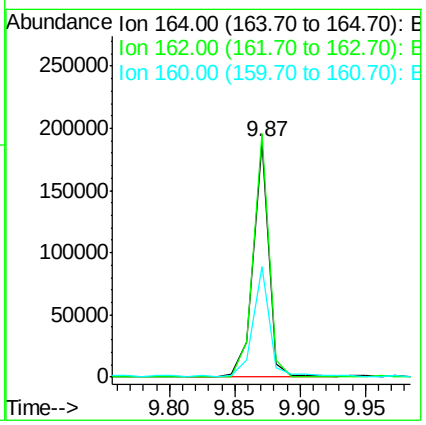


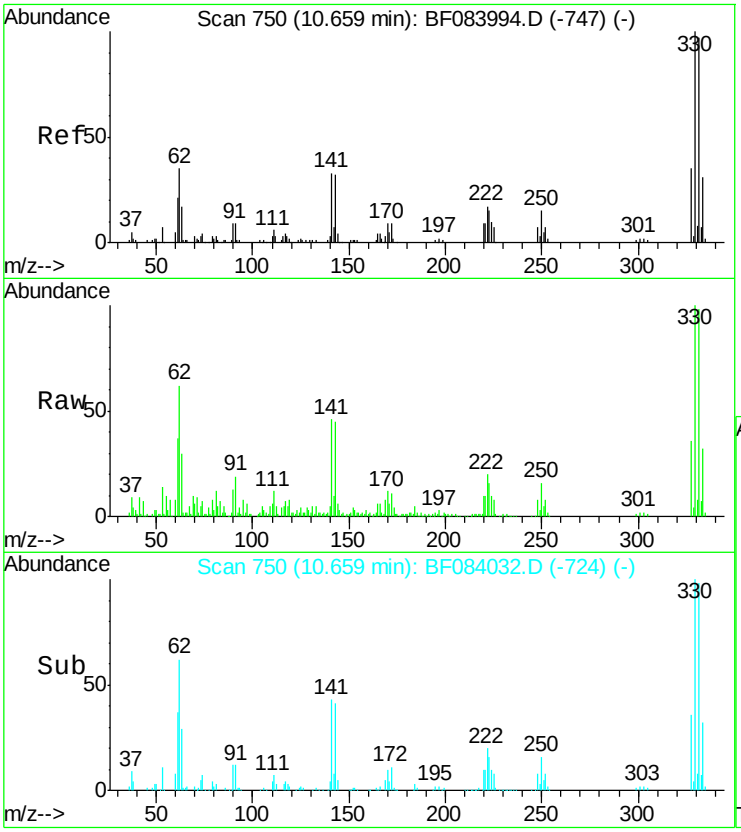


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:164 Resp: 158276

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.9	37.5	56.3



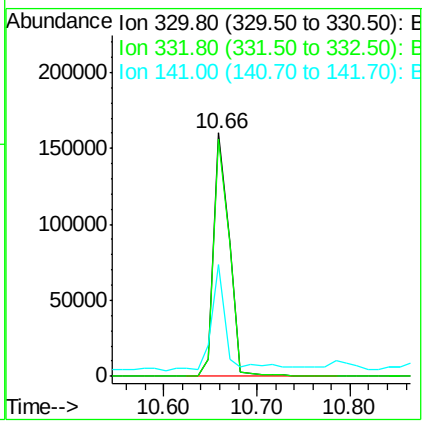


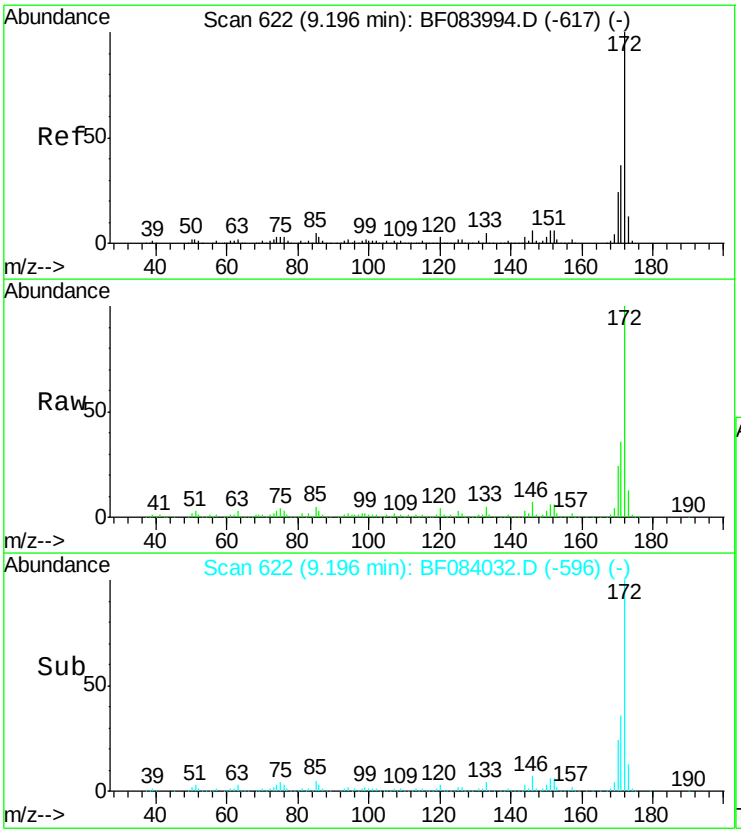
#41
2,4,6-Tribromophenol
Concen: 120.88 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 184022

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	46.7	27.8	41.6#

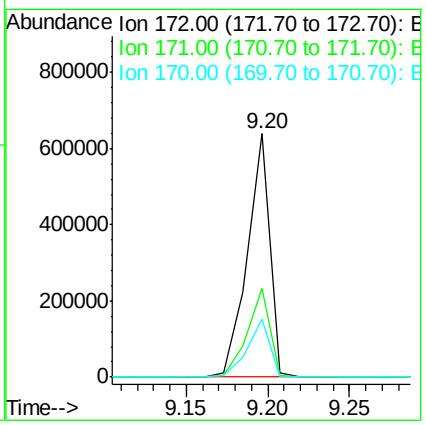


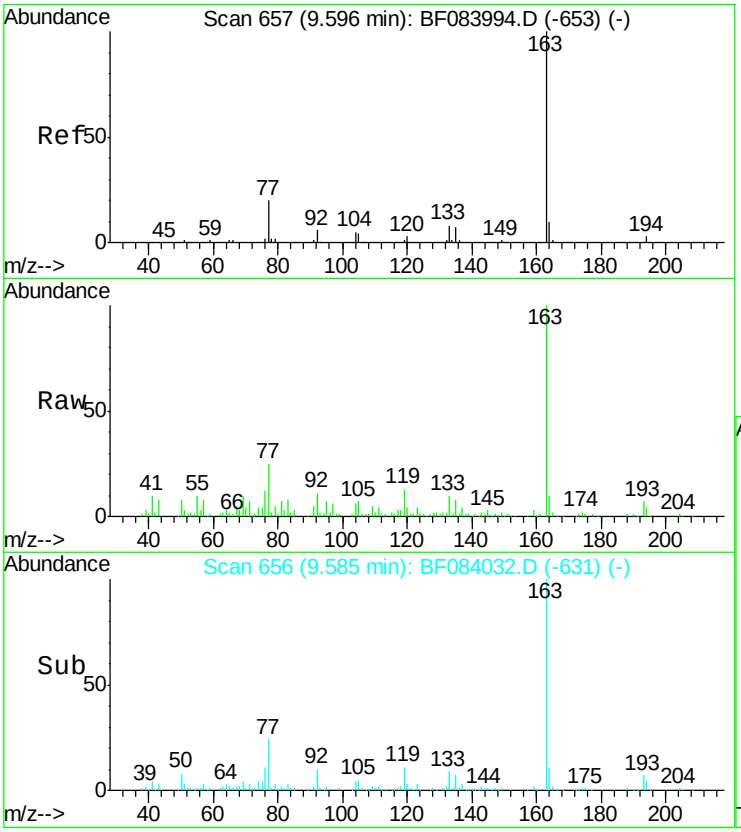


#44
2-Fluorobiphenyl
Concen: 51.68 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:172 Resp: 607759

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.8	18.6	27.8



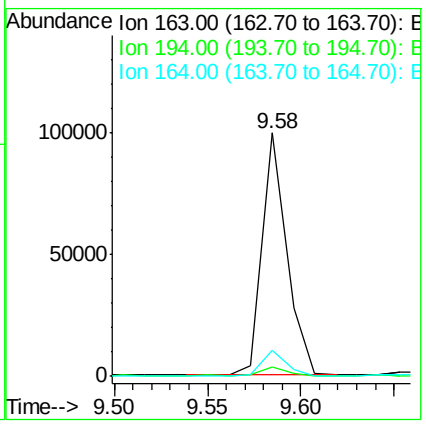


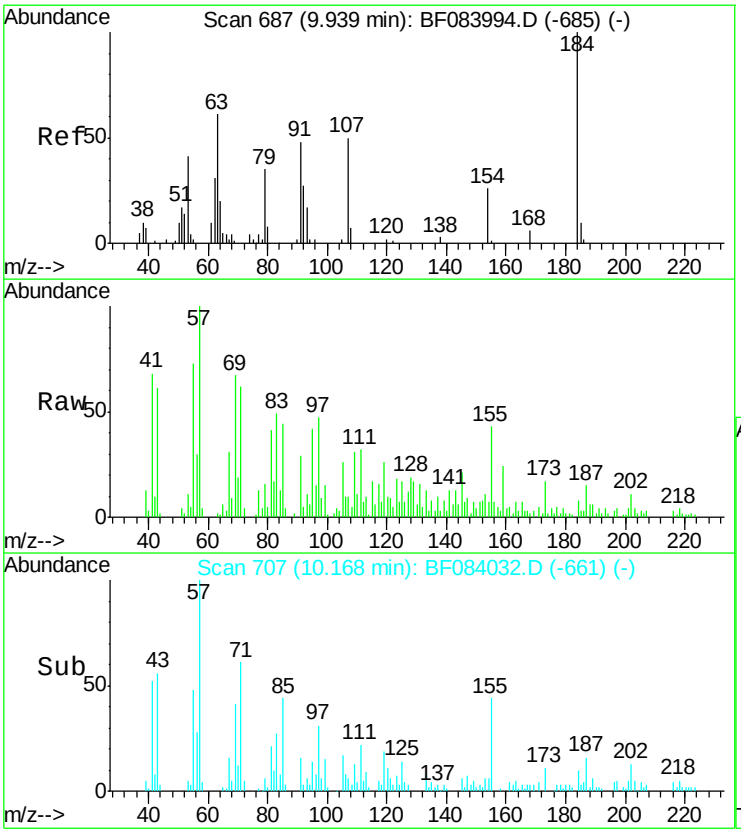
#49
Dimethylphthalate
Concen: 7.30 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 90465

Ion	Ratio	Lower	Upper
163	100		
194	4.0	8.0	12.0#
164	10.5	8.0	12.0

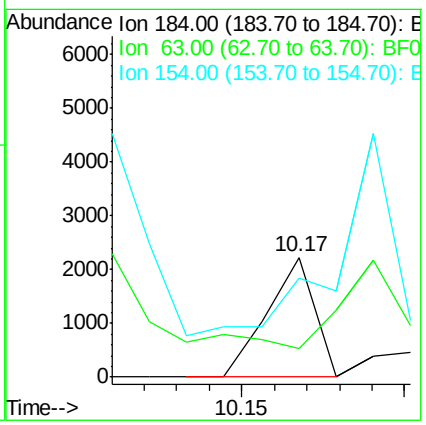


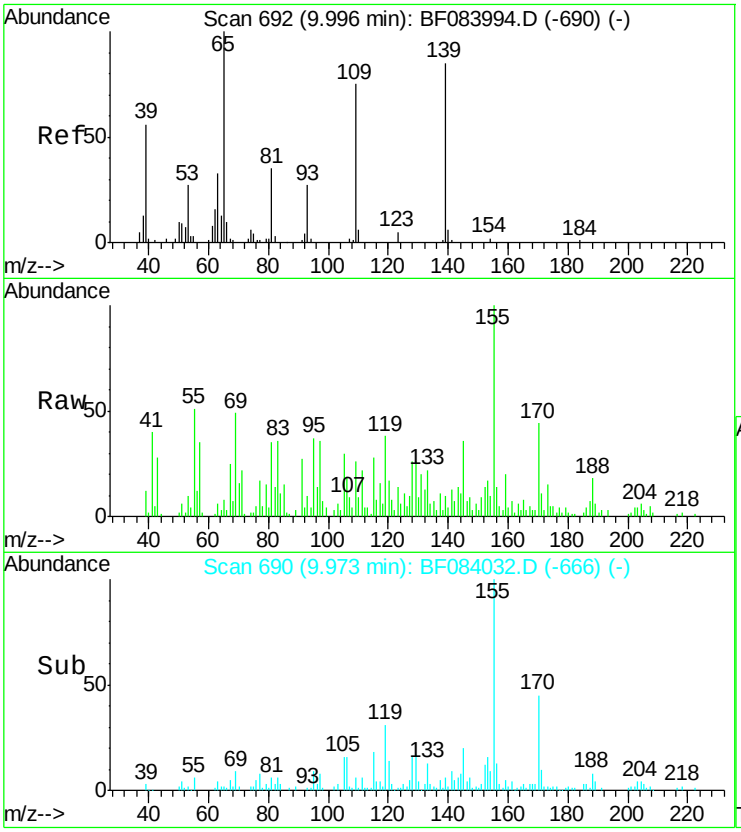


#53
2,4-Dinitrophenol
Concen: 9.81 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.23 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:184 Resp: 2247

Ion	Ratio	Lower	Upper
184	100		
63	24.3	43.1	64.7#
154	82.1	60.5	90.7



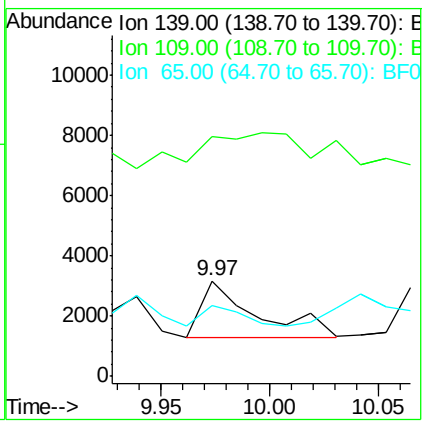


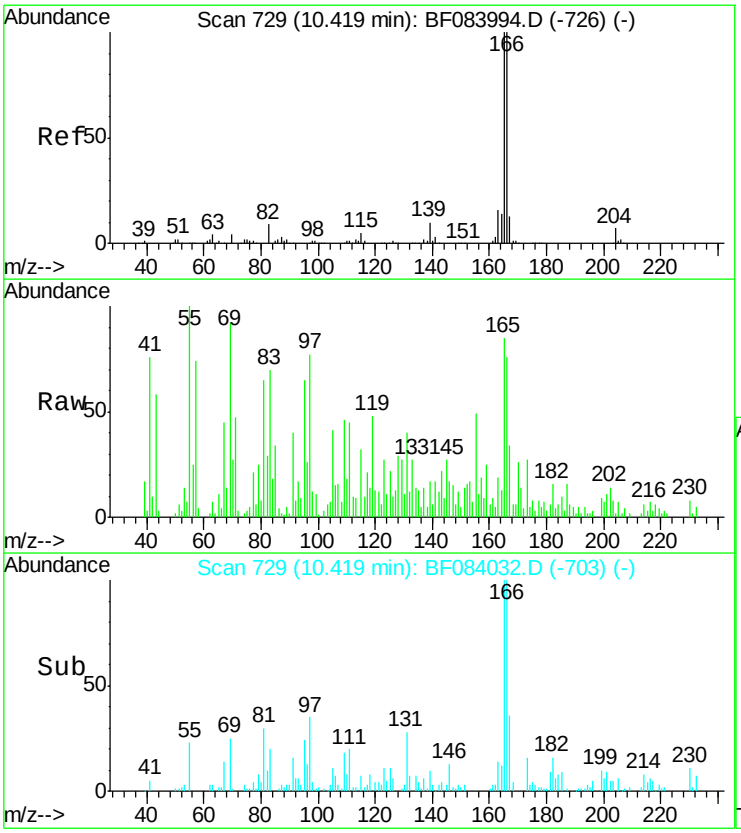
#55
4-Nitrophenol
Concen: 2.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3271

Ion	Ratio	Lower	Upper
139	100		
109	251.5	58.5	98.5#
65	74.6	57.6	97.6

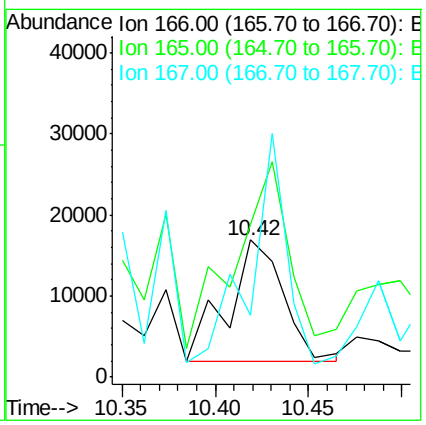


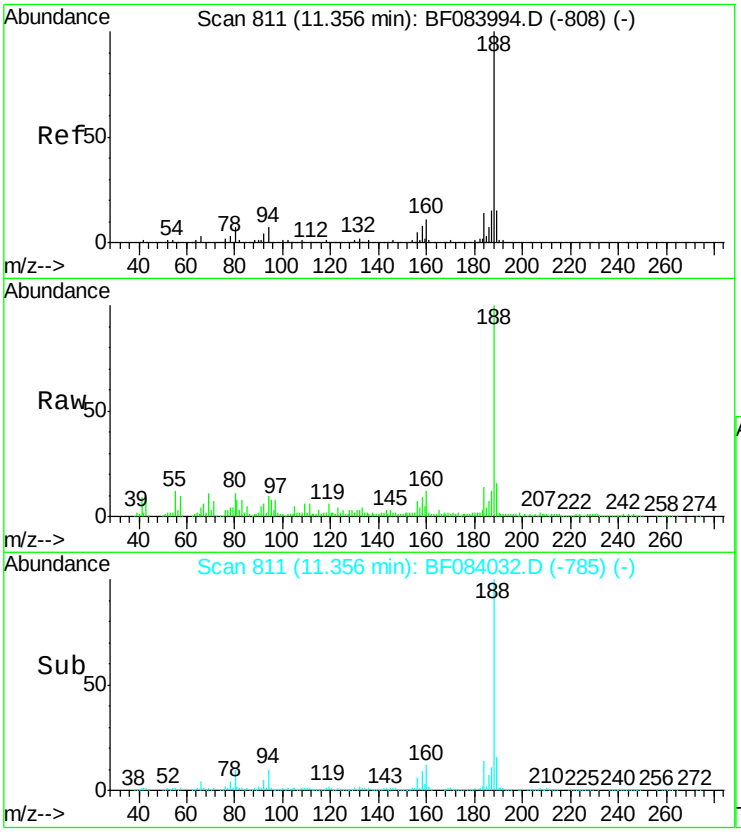


#57
Fluorene
Concen: 2.76 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:166 Resp: 31069

Ion	Ratio	Lower	Upper
166	100		
165	111.6	79.1	118.7
167	44.8	10.4	15.6#



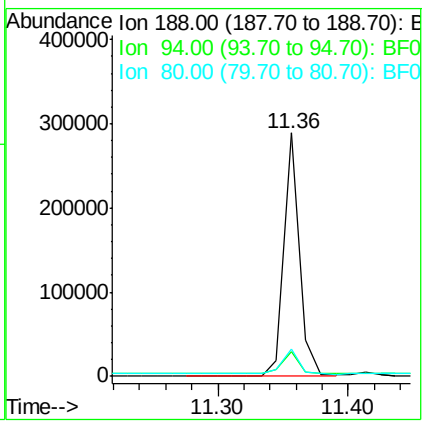


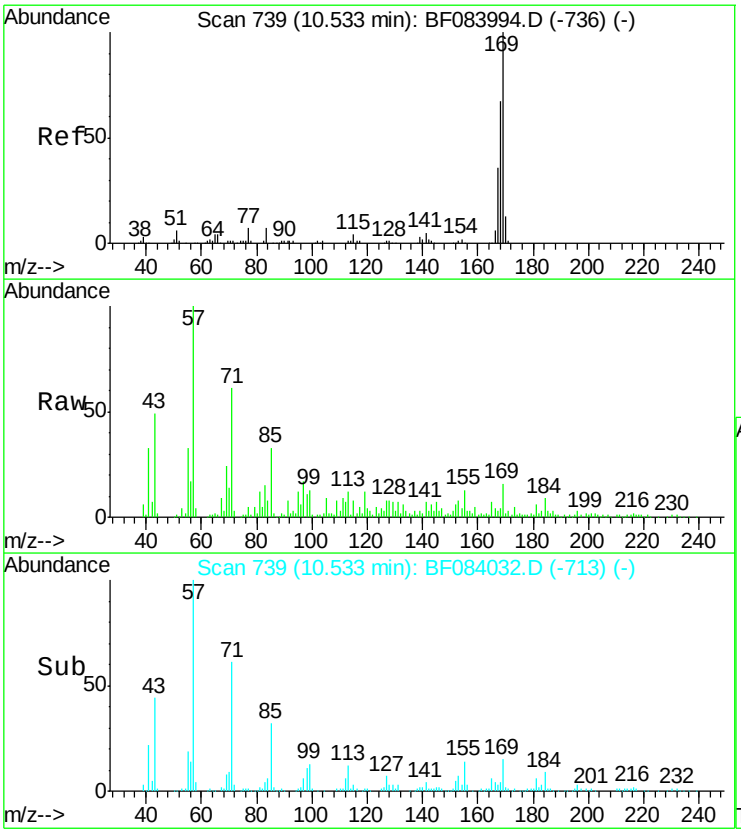
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 240404

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.1	9.6	14.4

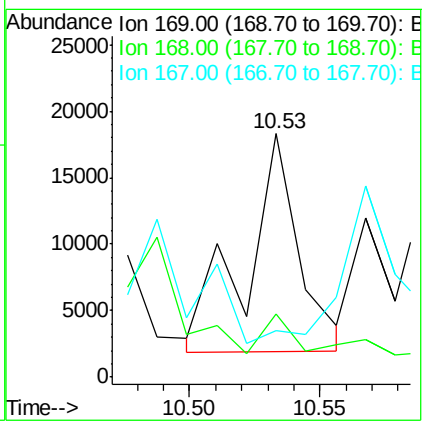


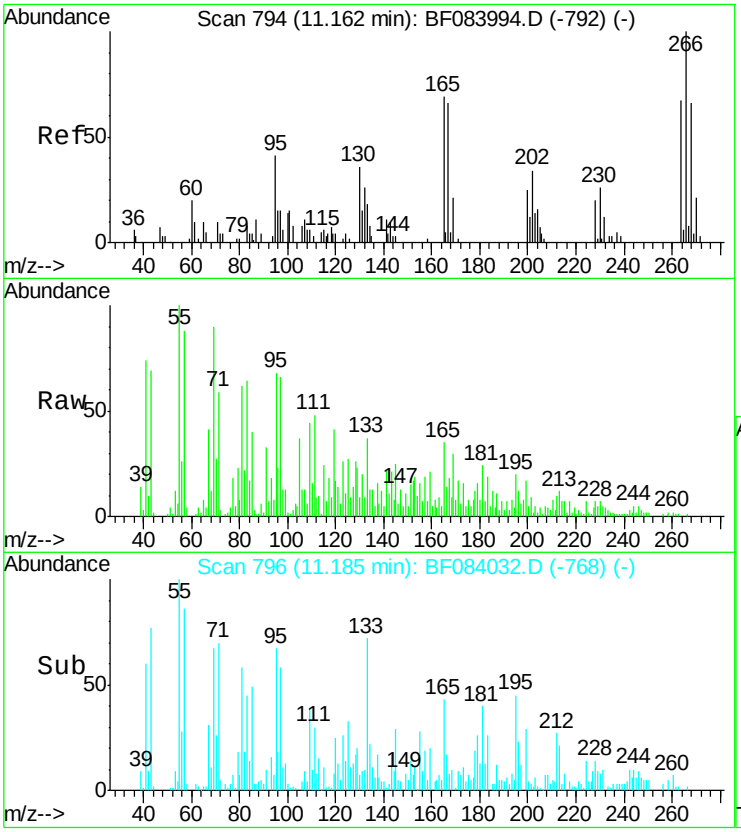


#65
n-Nitrosodiphenylamine
Concen: 2.62 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:169 Resp: 23278

Ion	Ratio	Lower	Upper
169	100		
168	26.2	55.1	82.7#
167	19.3	30.0	45.0#



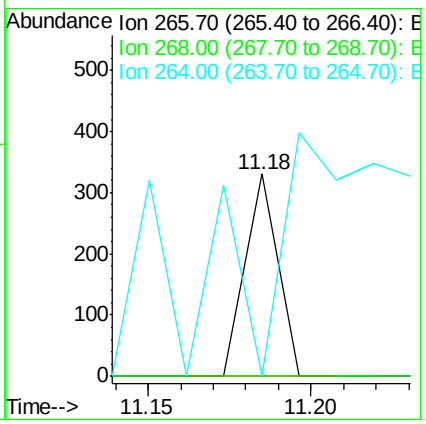


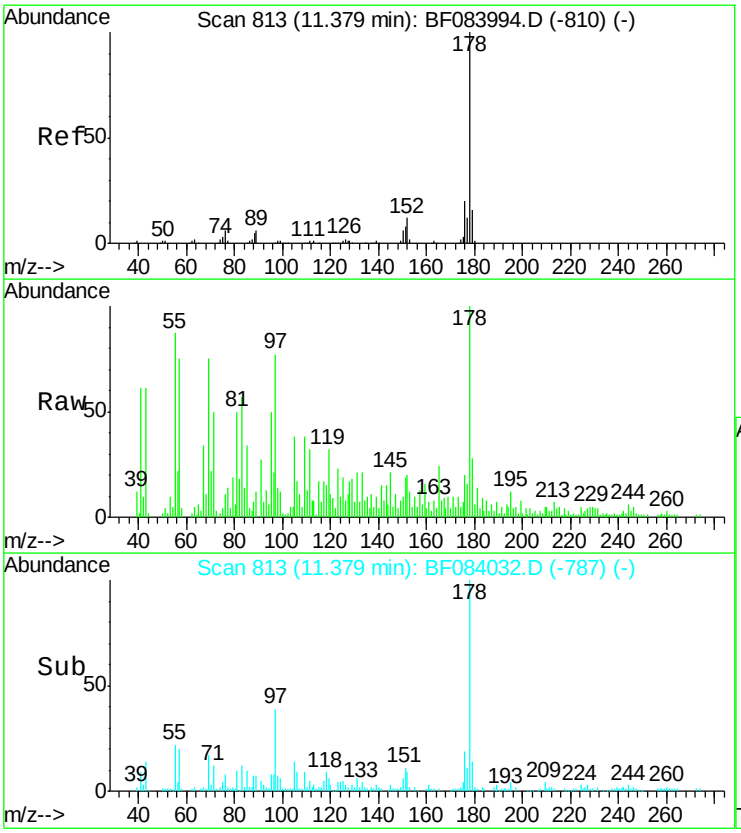
#69
Pentachlorophenol
Concen: 7.14 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.02 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 227

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.4	78.6#
264	0.0	50.2	75.2#

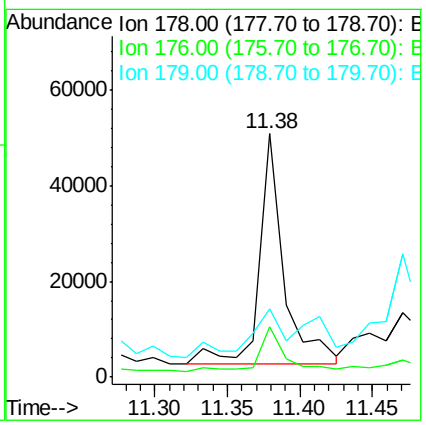


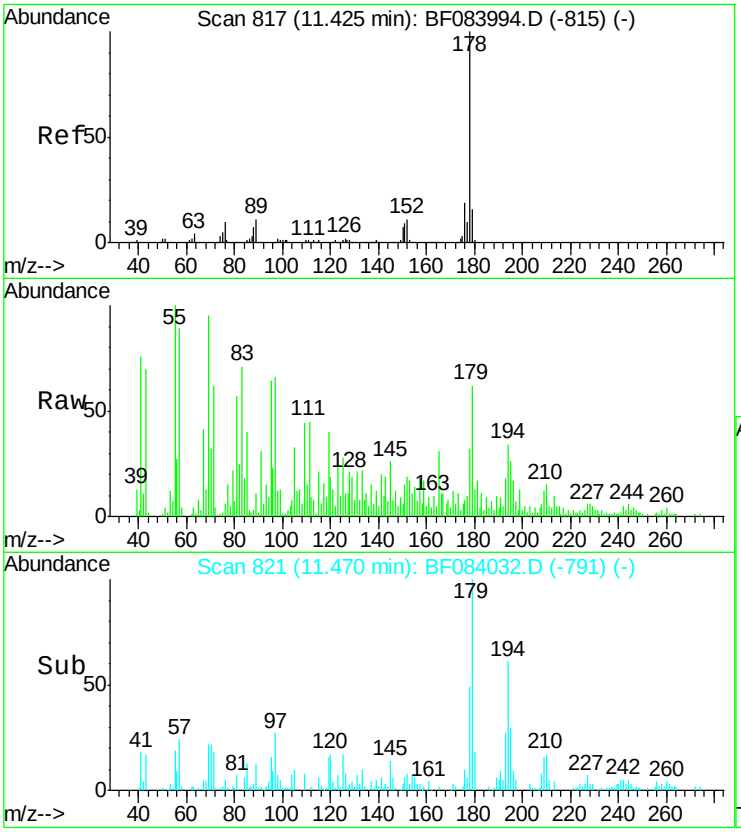


#70
Phenanthrene
Concen: 4.15 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:178 Resp: 56341

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	28.0	12.0	18.0#



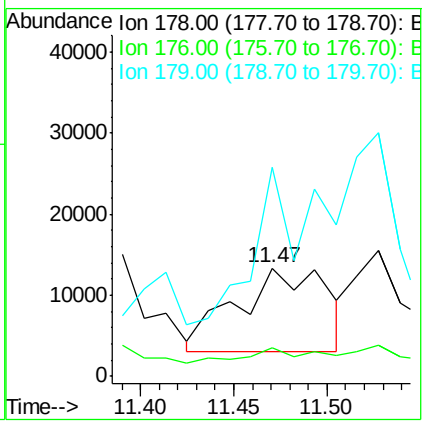


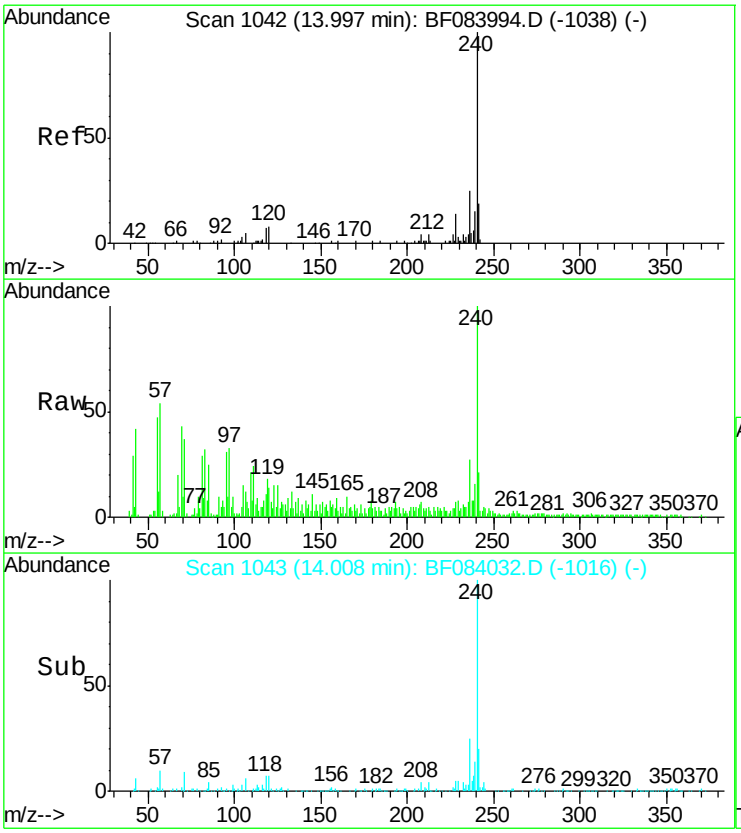
#71
Anthracene
Concen: 2.49 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.05 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34398

Ion	Ratio	Lower	Upper
178	100		
176	25.9	15.4	23.0#
179	192.9	12.5	18.7#

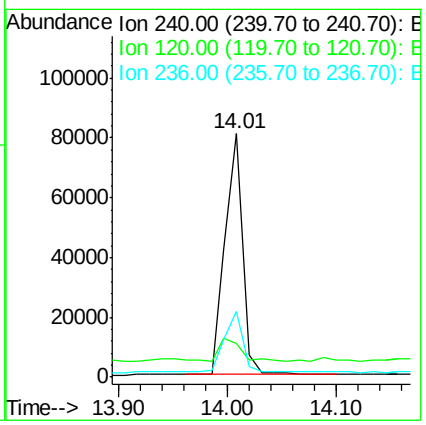


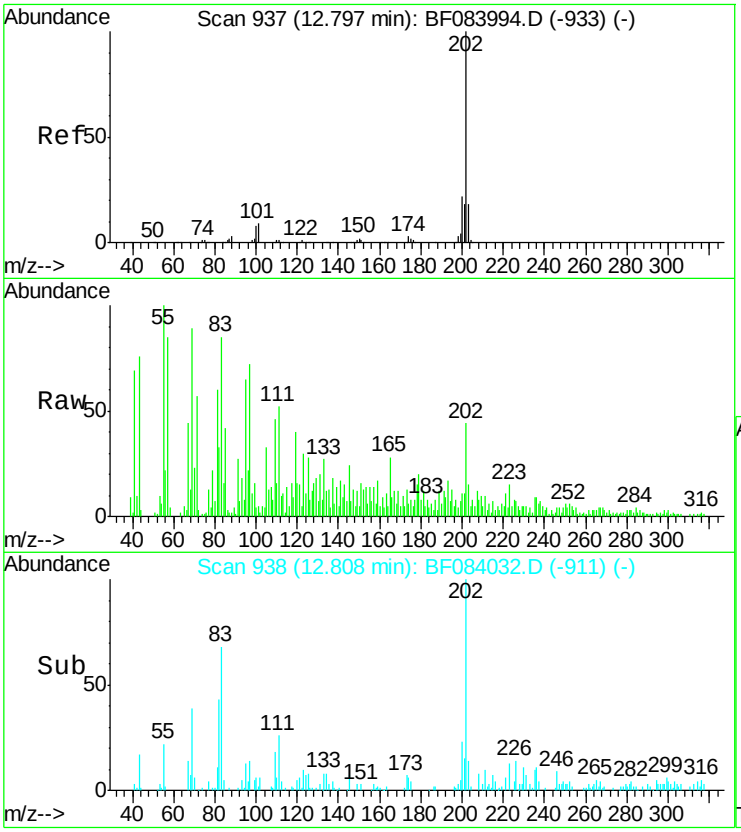


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:240 Resp: 90024

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.8	20.6	31.0



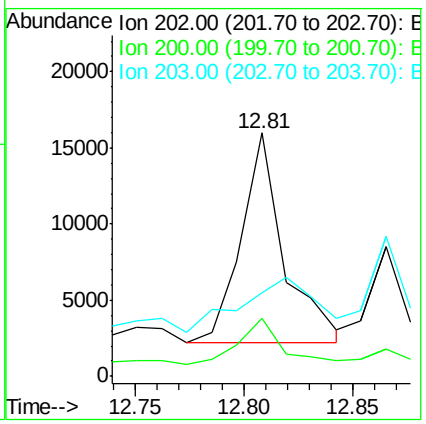


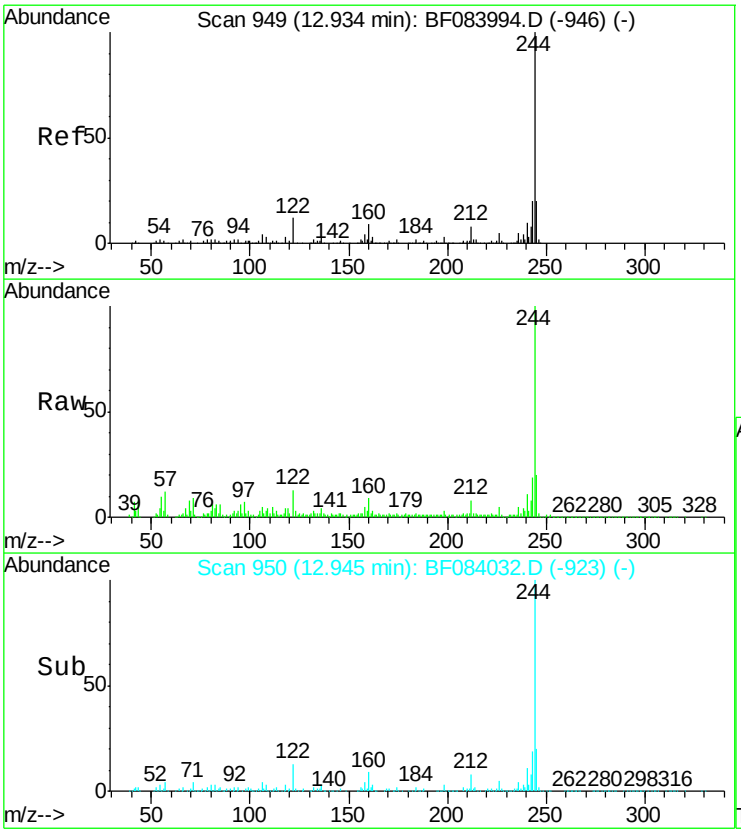
#77
Pyrene
Concen: 3.06 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 18719

Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.2	25.8
203	34.3	14.3	21.5#

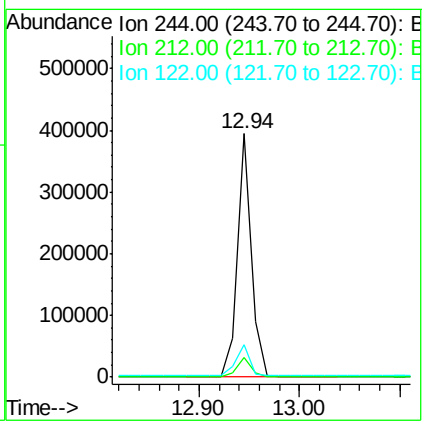


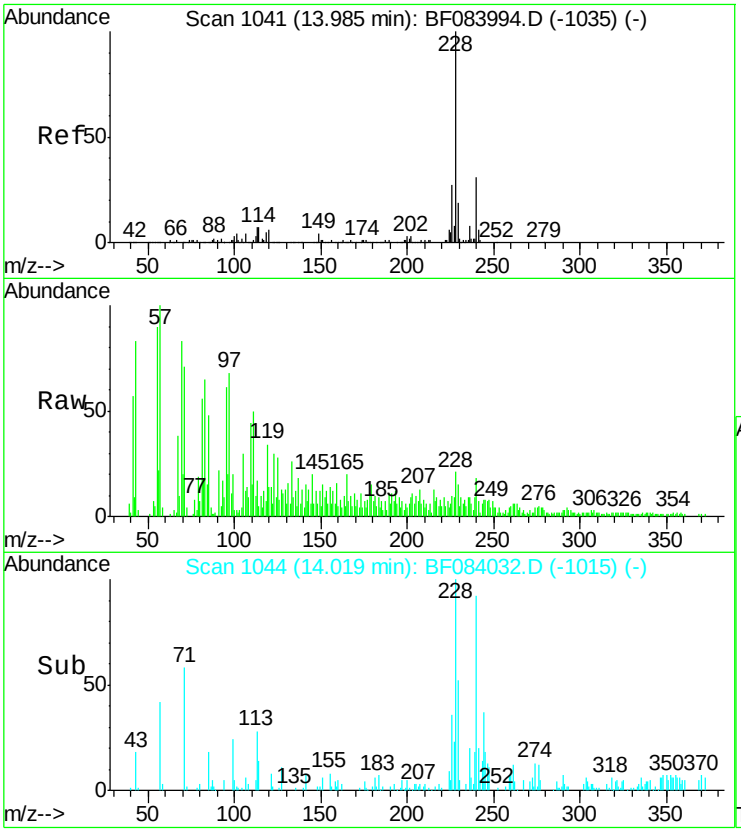


#78
Terphenyl-d14
Concen: 99.74 ng
RT: 12.94 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:244 Resp: 376502

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.4	7.4	11.0#



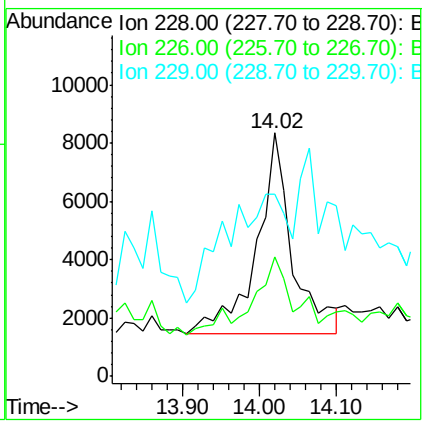


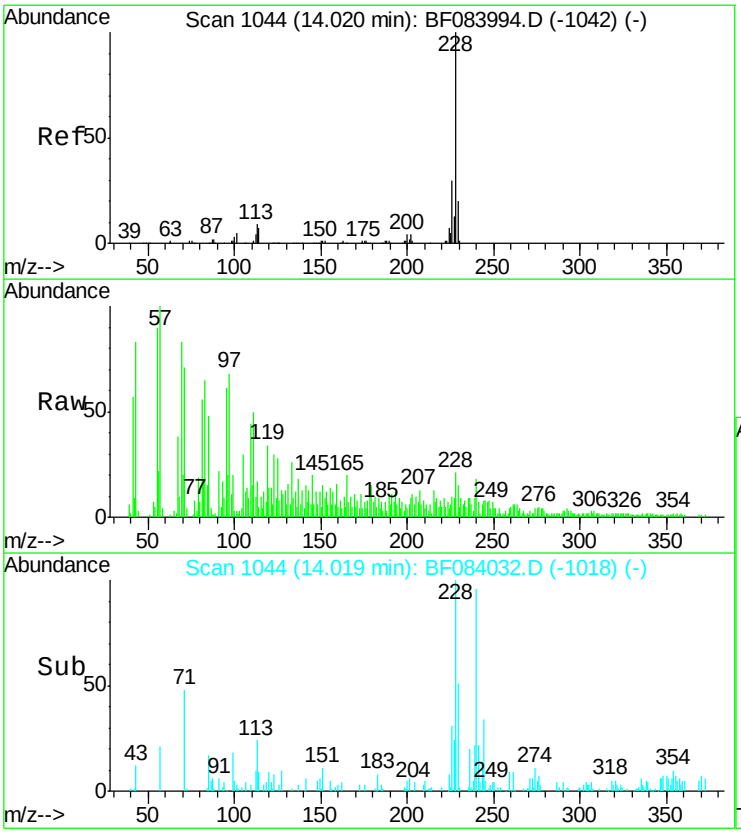
#80
Benzo(a)anthracene
Concen: 4.26 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.03 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 22132

Ion	Ratio	Lower	Upper
228	100		
226	49.1	21.8	32.6#
229	74.6	15.8	23.8#

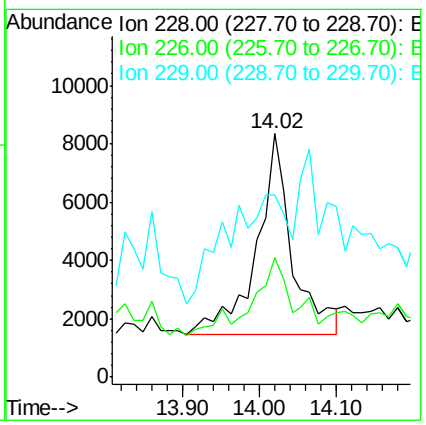


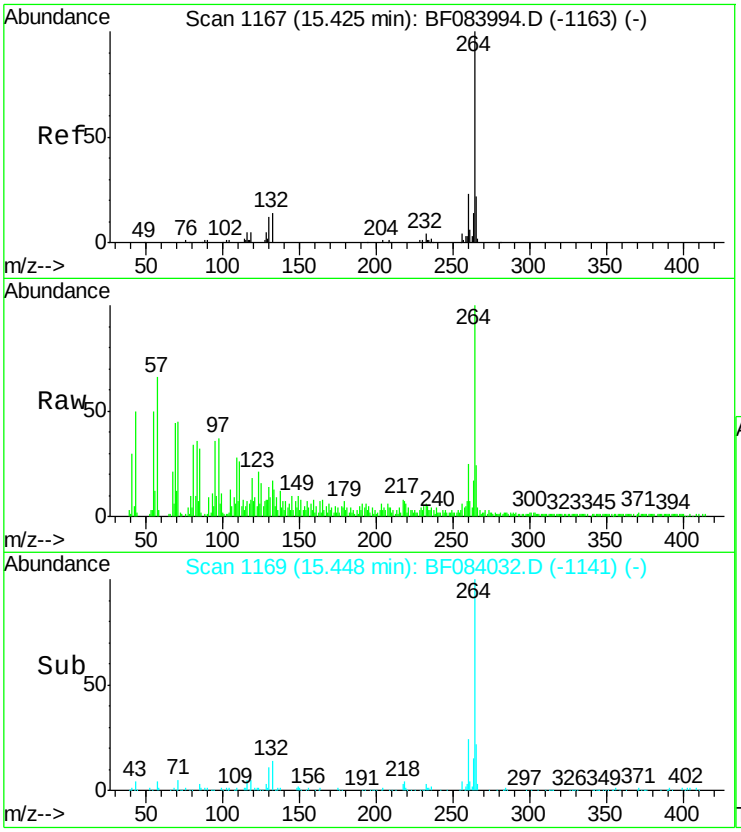


#82
Chrysene
Concen: 4.59 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:228 Resp: 22132

Ion	Ratio	Lower	Upper
228	100		
226	49.1	24.3	36.5#
229	74.6	16.1	24.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 88918

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	23.7	17.8	26.6