Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083770.D
Acq On : 14 Dec 2015 10:41
Operator : UM/IZ
Sample : G4648-22
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 11:27:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	114678	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	409211	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	167861	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	277529	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	240307	20.00	ng		-0.01
86) Perylene-d12	15.51	264	170436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	750107	105.52	ng		0.00
7) Phenol-d6	6.54	99	972639	108.05	ng		0.00
23) Nitrobenzene-d5	7.48	82	646067	88.33	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	176935	103.44	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	879982	73.84	ng		-0.01
78) Terphenyl-d14	13.01	244	633971	56.75	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	18971	3.92	ng		98
19) n-Nitroso-di-n-propylamine	7.48	70	89039	16.15	ng	#	68
25) Isophorone	7.48	82	631040	43.97	ng	#	69
49) Dimethylphthalate	9.66	163	216508	16.54	ng		99
56) 2,4-Dinitrotoluene	9.95	165	21881	6.03	ng	#	13
66) 4-Bromophenyl-phenylether	10.74	248	12672	4.08	ng	#	1
70) Phenanthrene	11.46	178	62570	4.24	ng		99
71) Anthracene	11.46	178	62570	4.09	ng		100
74) Fluoranthene	12.65	202	144728	9.50	ng		96
77) Pyrene	12.86	202	117831	6.20	ng		98
80) Benzo(a)anthracene	14.05	228	58985	4.32	ng		98
82) Chrysene	14.09	228	53644	4.02	ng		95
87) Benzo(b)fluoranthene	15.09	252	96984	8.92	ng	#	95
88) Benzo(k)fluoranthene	15.09	252	96984	9.84	ng		98
89) Benzo(a)pyrene	15.45	252	40747	4.20	ng		100
91) Benzo(g,h,i)perylene	17.36	276	23631	2.38	ng		94

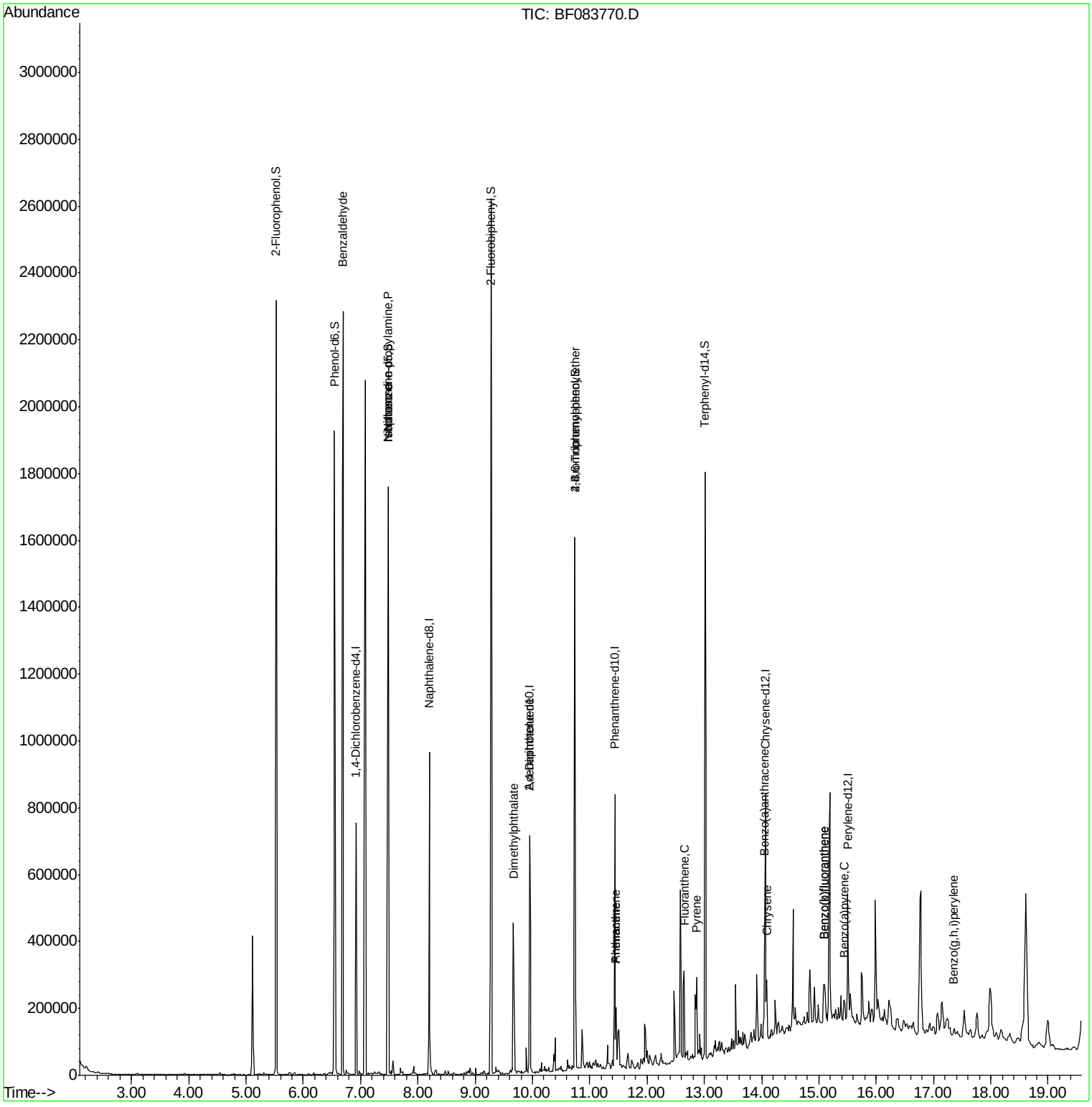
(#) = qualifier out of range (m) = manual integration (+) = signals summed

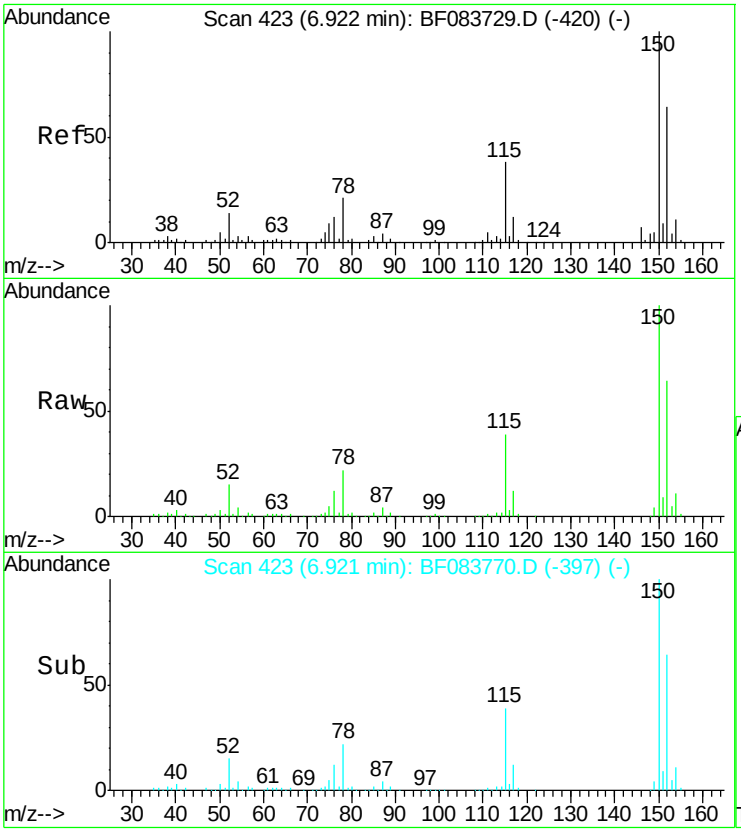
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083770.D
Acq On : 14 Dec 2015 10:41
Operator : UM/IZ
Sample : G4648-22
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 11:27:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



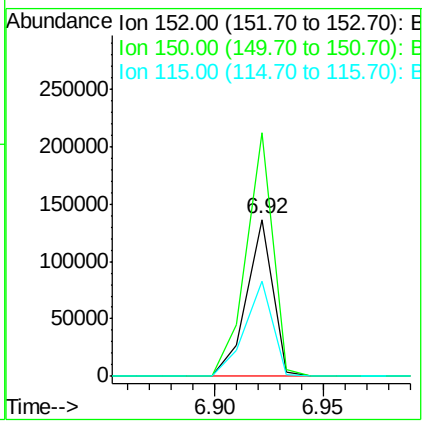


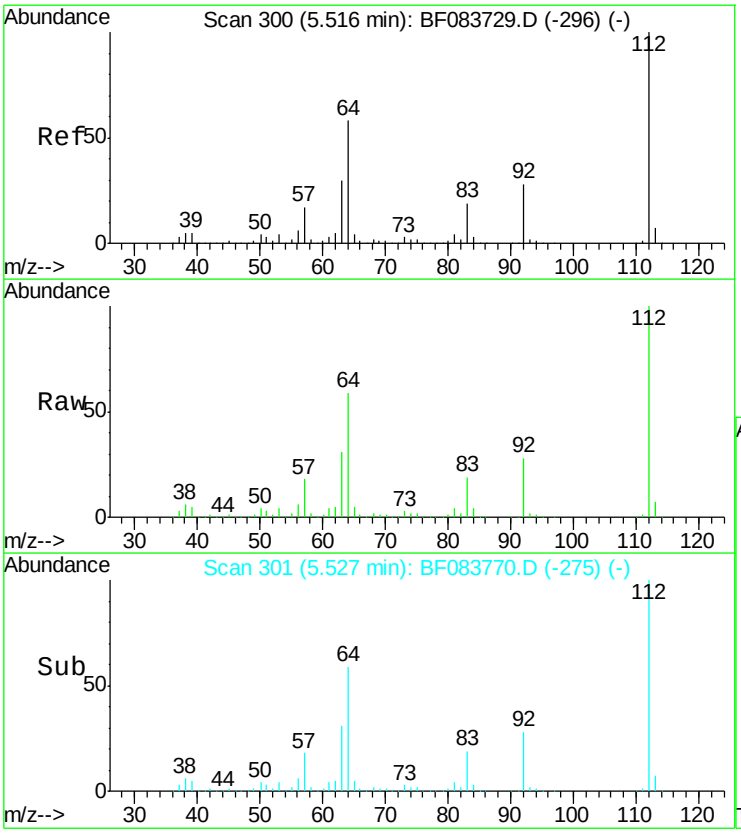
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114678

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.5	189.7
115	60.4	52.3	78.5

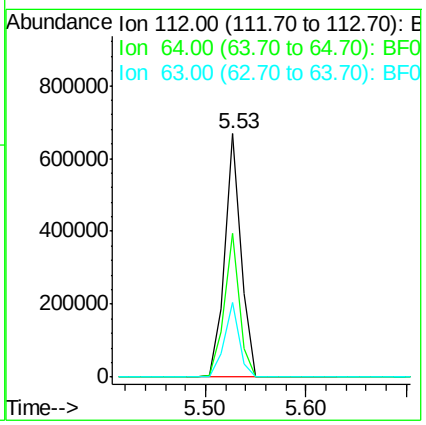


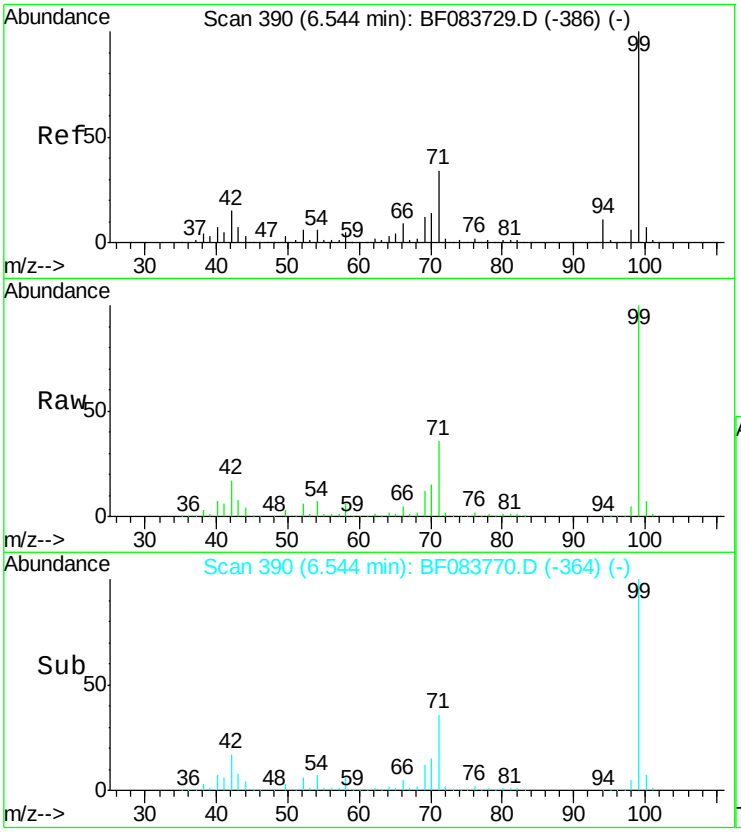


#5
2-Fluorophenol
Concen: 105.52 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:112 Resp: 750107

Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.5	75.7
63	30.5	25.8	38.6



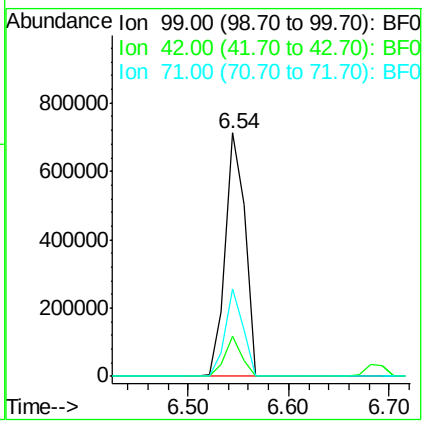


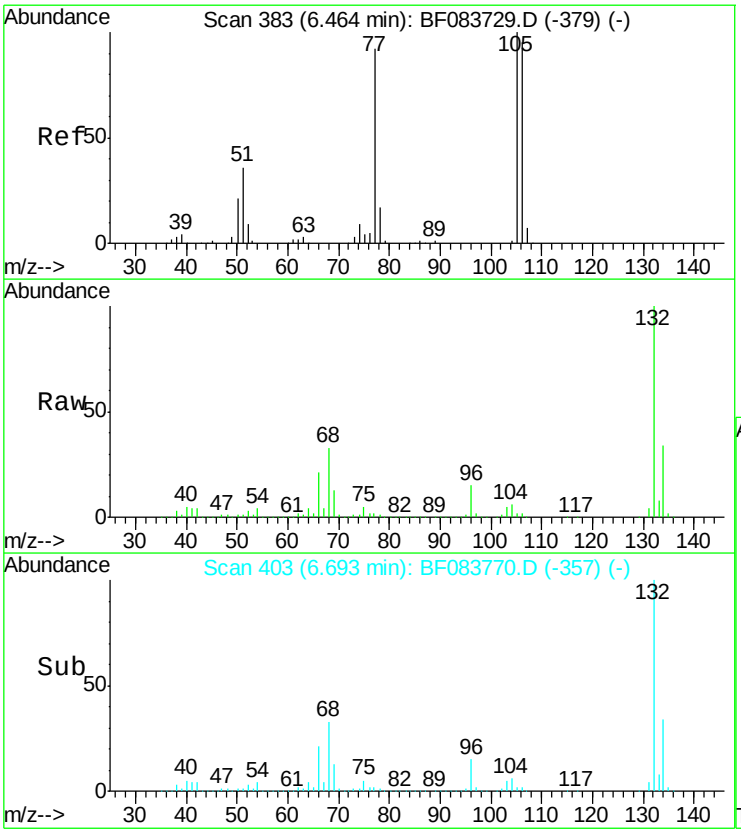
#7
Phenol-d6
Concen: 108.05 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 972639

Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.3	25.9#
71	36.1	26.6	40.0

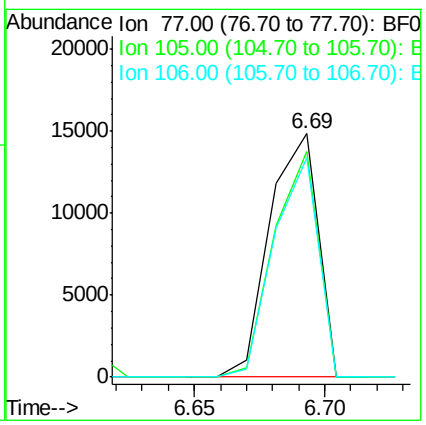


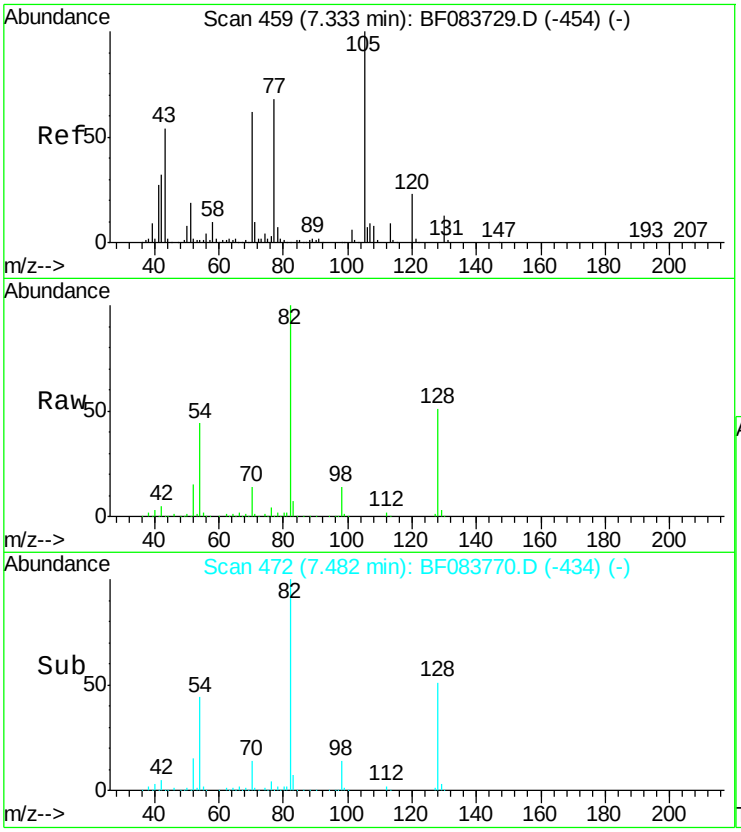


#9
Benzaldehyde
Concen: 3.92 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.23 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion: 77 Resp: 18971

Ion	Ratio	Lower	Upper
77	100		
105	92.8	71.8	111.8
106	90.2	66.8	106.8



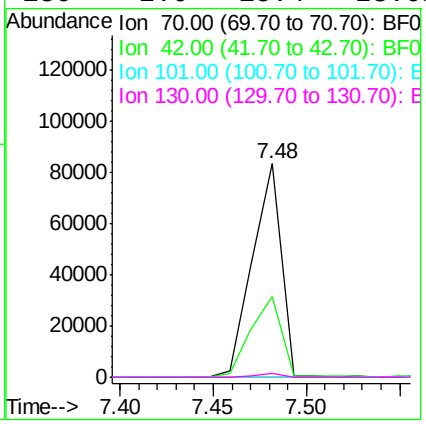


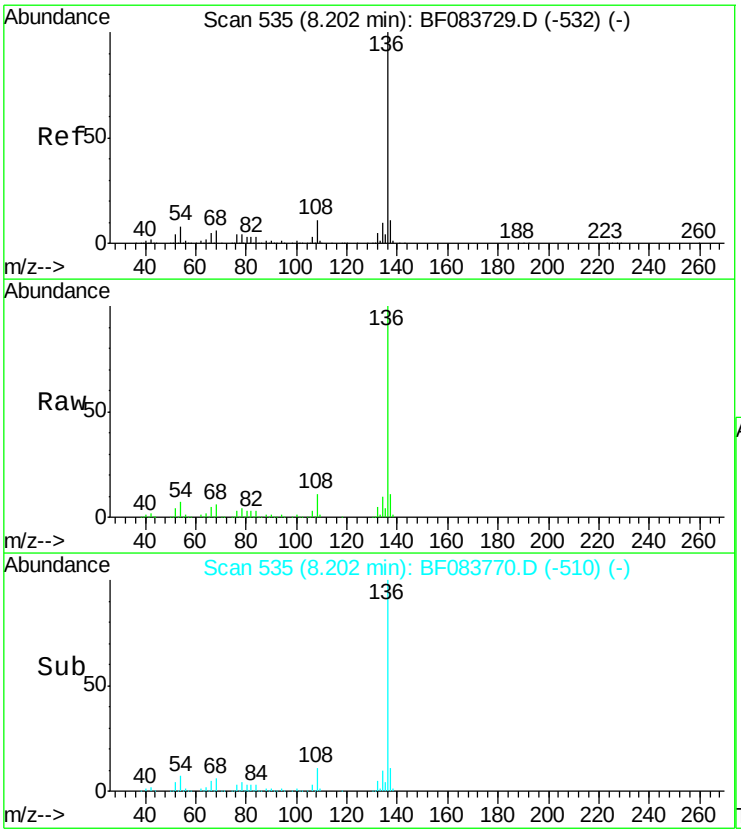
#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89039

Ion	Ratio	Lower	Upper
70	100		
42	38.0	49.2	73.8#
101	0.0	7.1	10.7#
130	2.0	15.4	23.0#

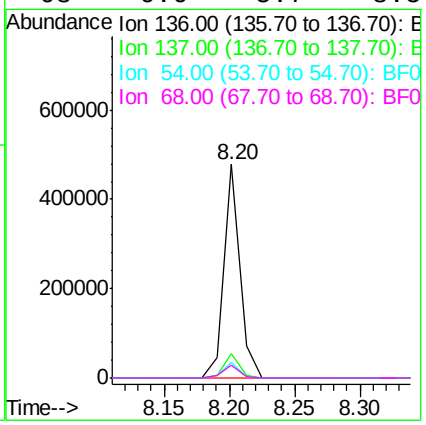


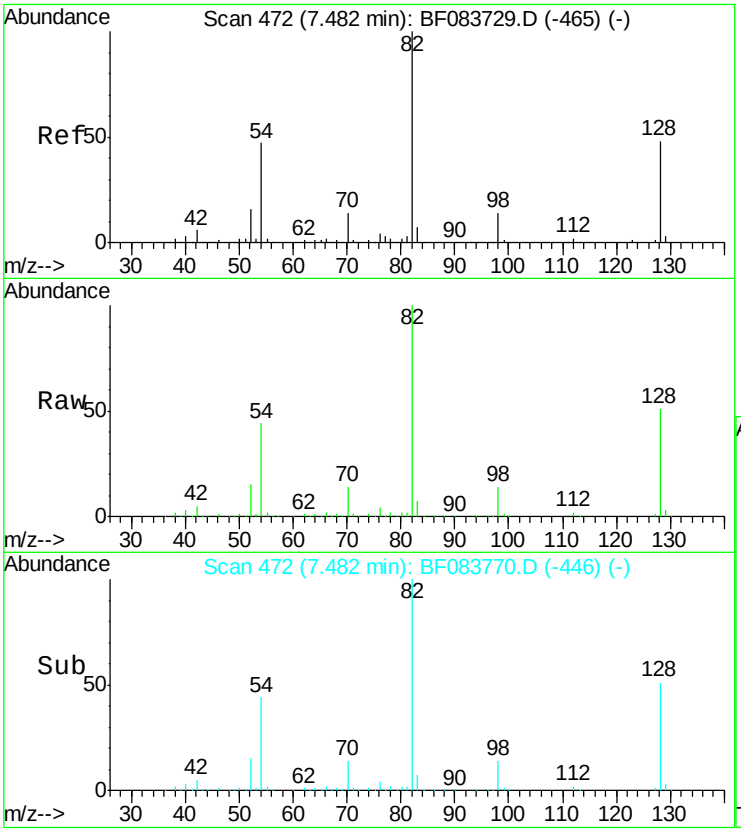


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:136 Resp: 409211

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.4	7.8	11.6#
68	6.0	5.7	8.5



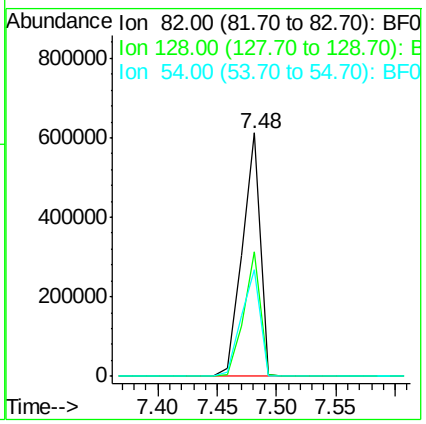


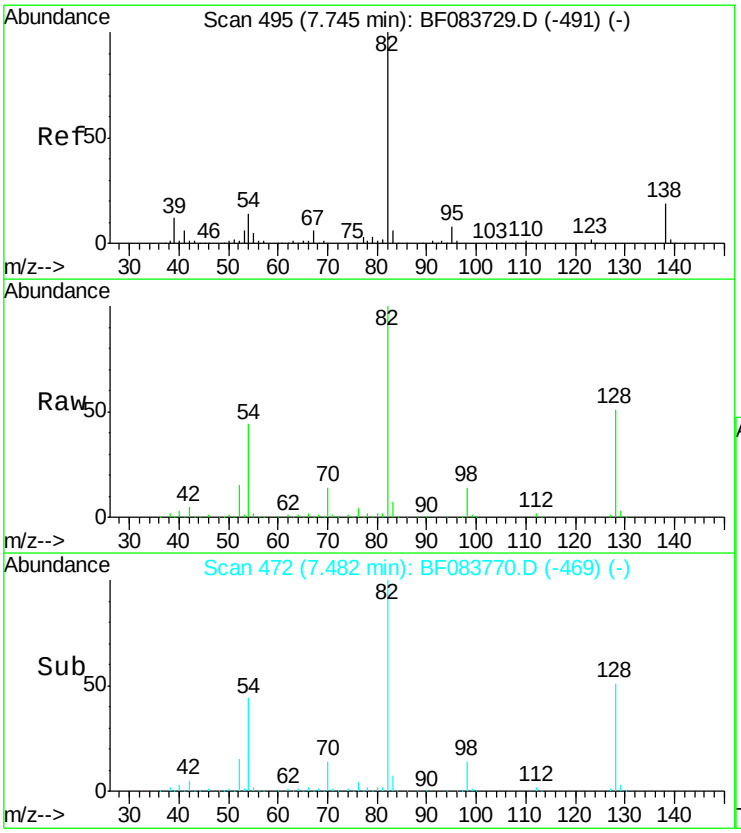
#23
Nitrobenzene-d5
Concen: 88.33 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 646067

Ion	Ratio	Lower	Upper
82	100		
128	51.1	30.7	46.1#
54	43.9	42.5	63.7

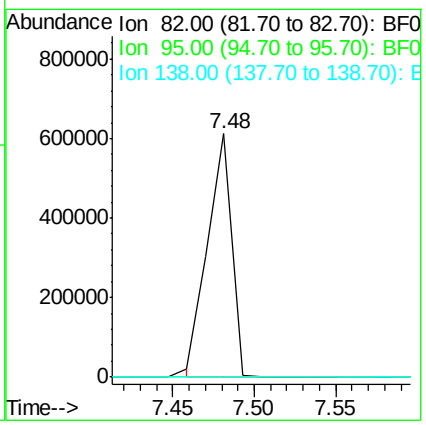


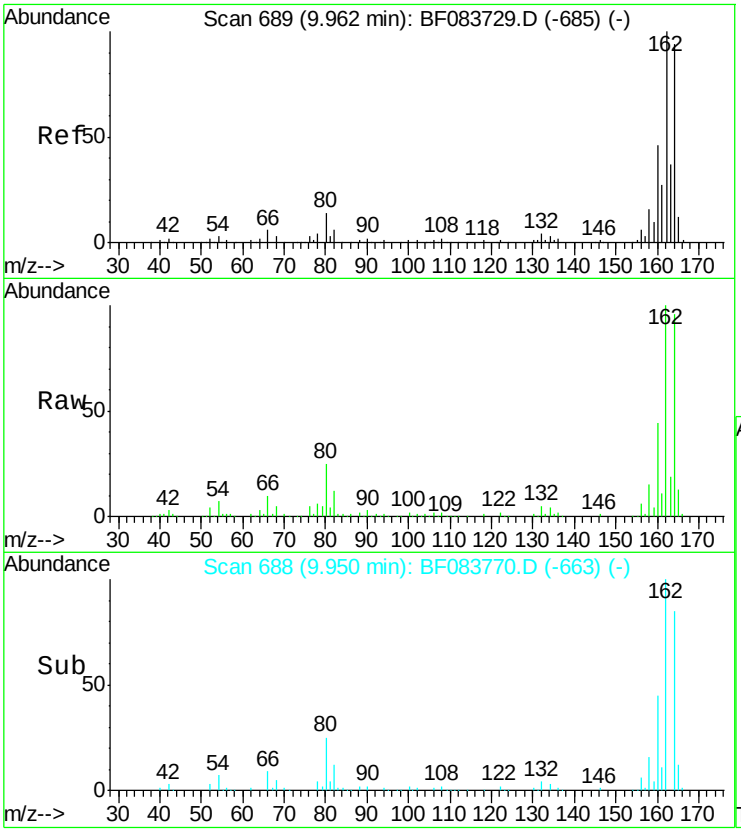


#25
Isophorone
Concen: 43.97 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion: 82 Resp: 631040

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



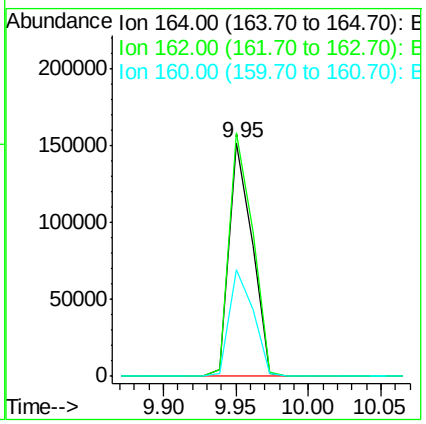


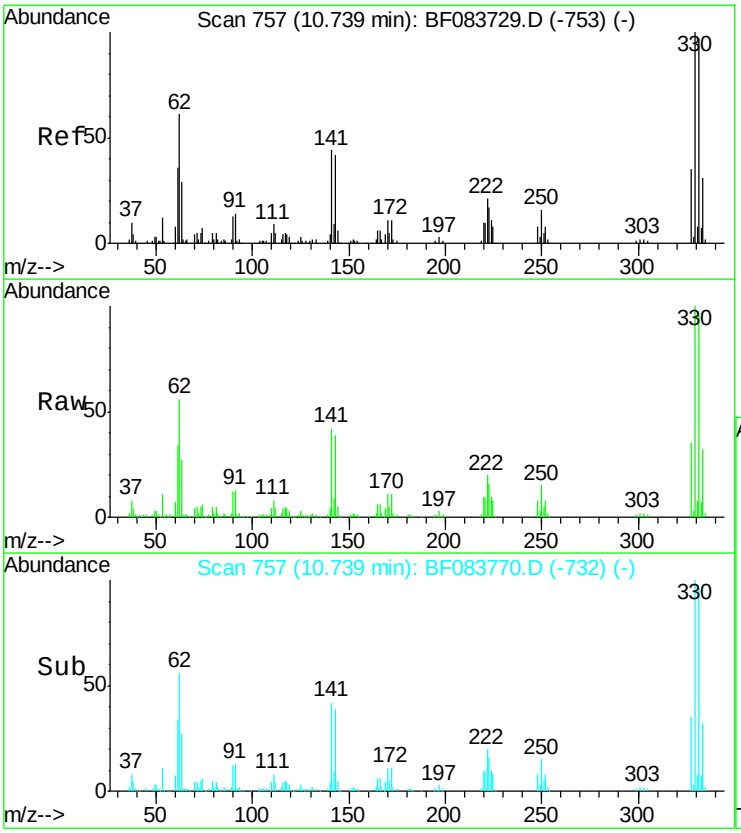
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 167861

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	45.8	33.4	50.2

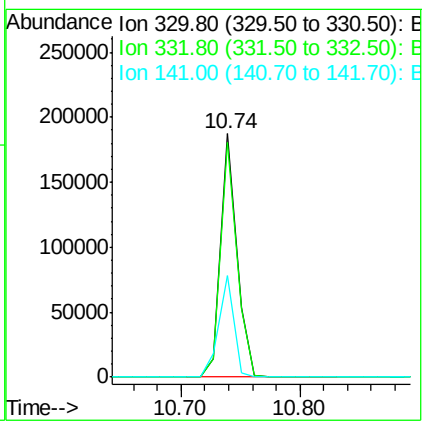


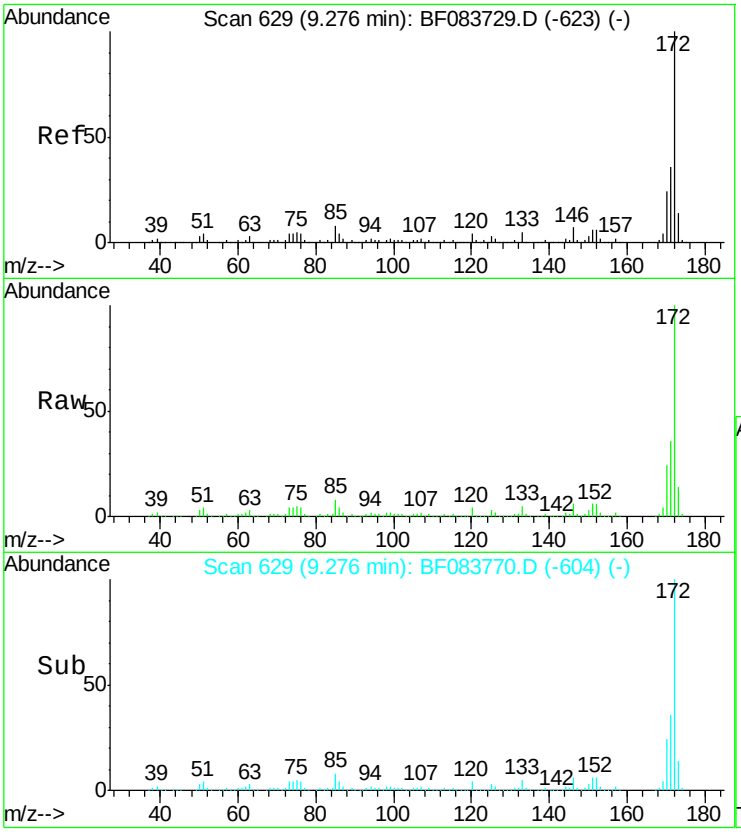


#41
2,4,6-Tribromophenol
Concen: 103.44 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:330 Resp: 176935

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	39.7	0.0	0.0#



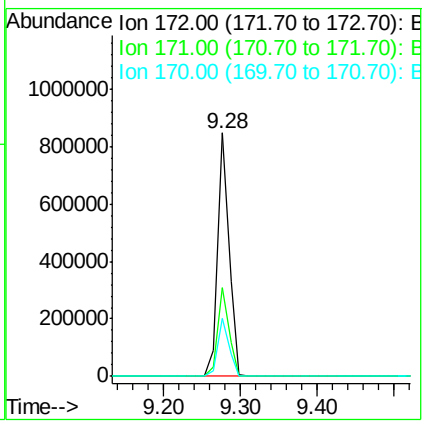


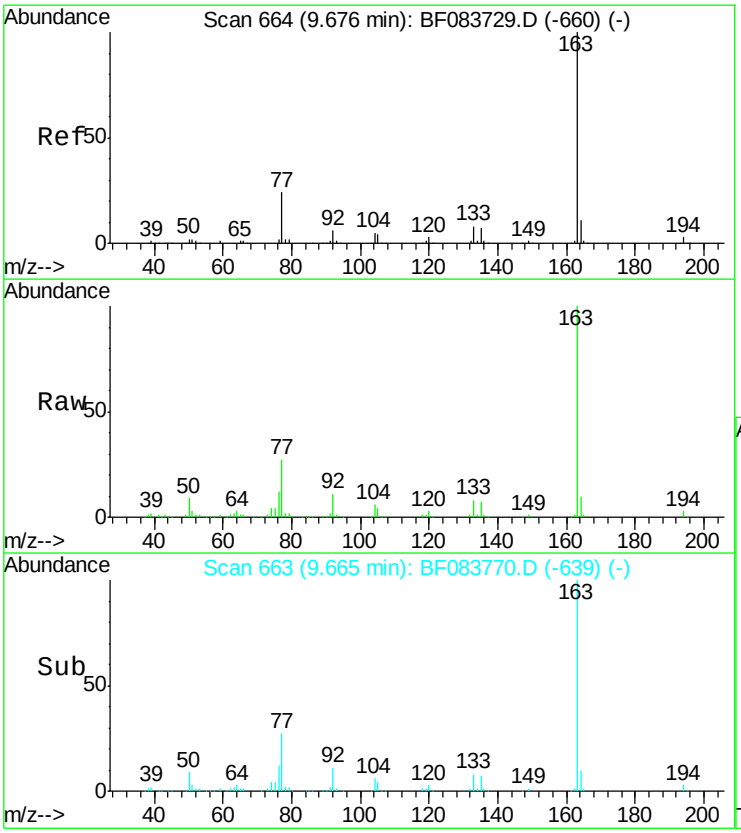
#44
2-Fluorobiphenyl
Concen: 73.84 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 879982

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.9	19.4	29.0

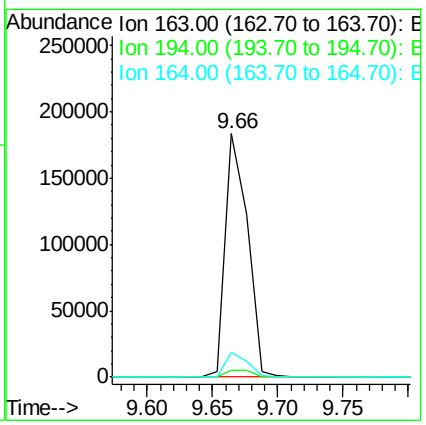


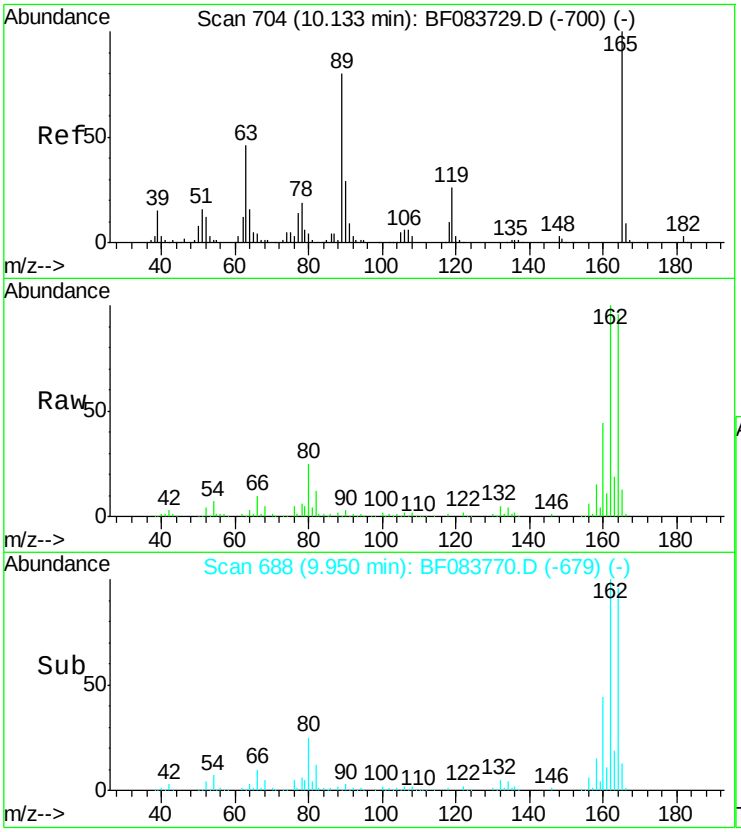


#49
Dimethylphthalate
Concen: 16.54 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:163 Resp: 216508

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.3	8.6	13.0



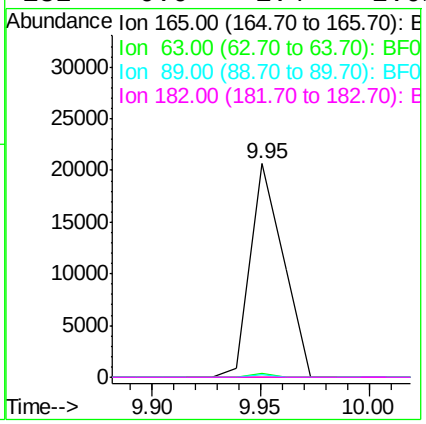


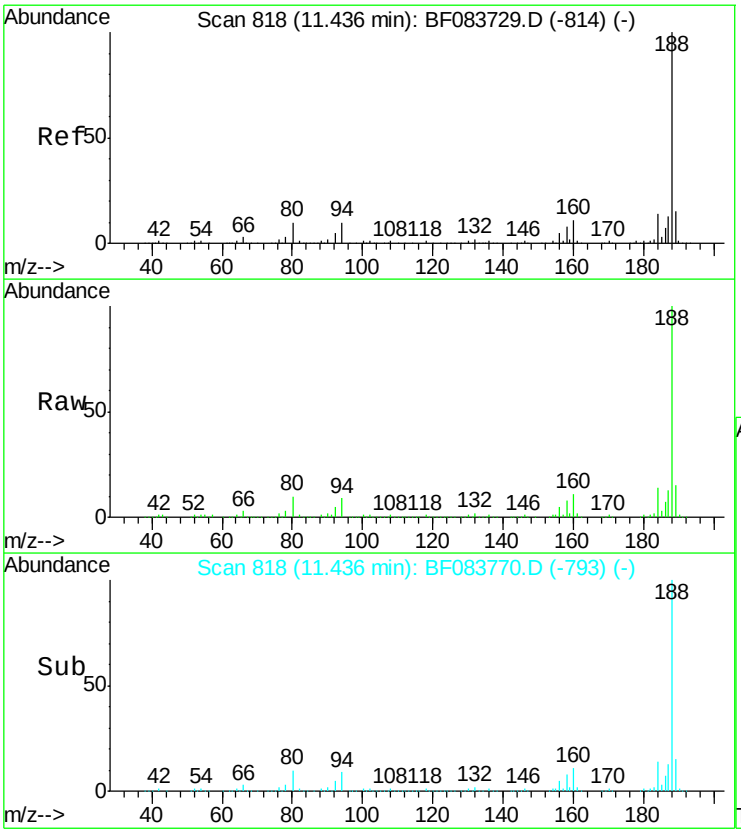
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.19 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21881

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#

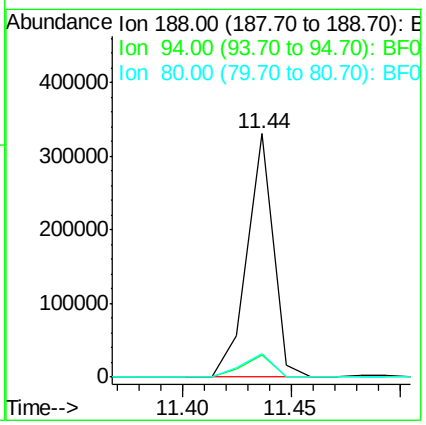


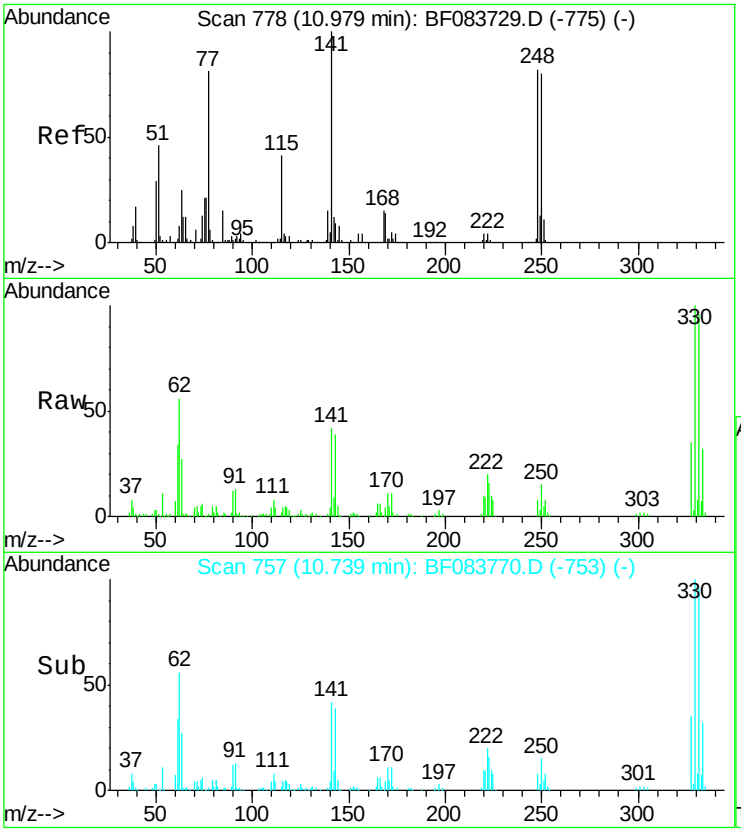


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:188 Resp: 277529

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.4	14.2#
80	9.7	10.6	16.0#



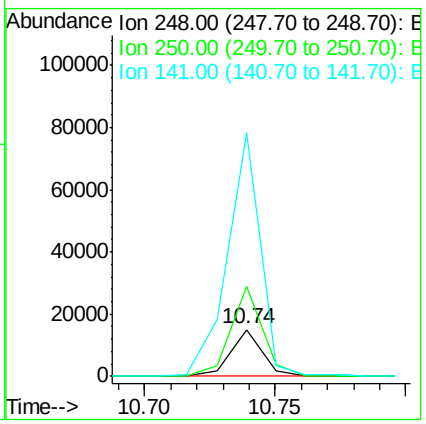


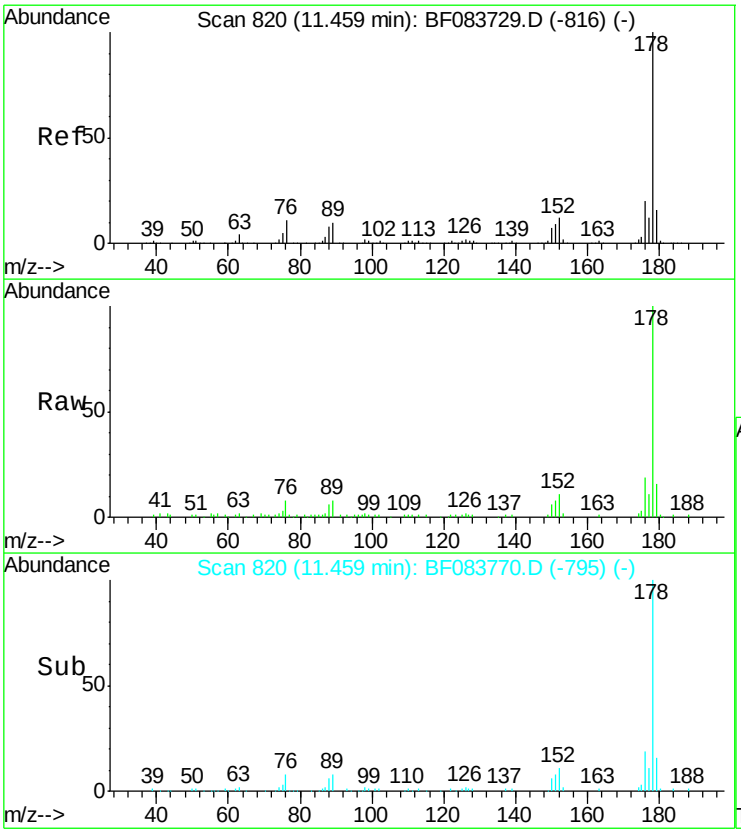
#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12672

Ion	Ratio	Lower	Upper
248	100		
250	192.5	79.2	118.8#
141	520.8	58.2	87.4#

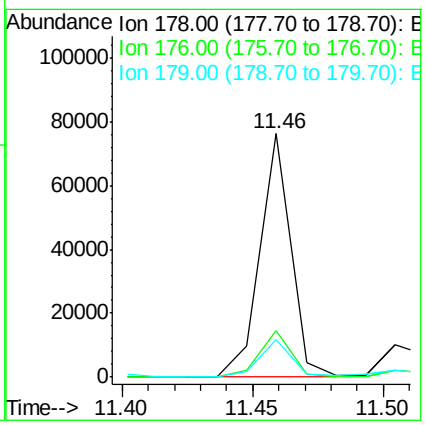


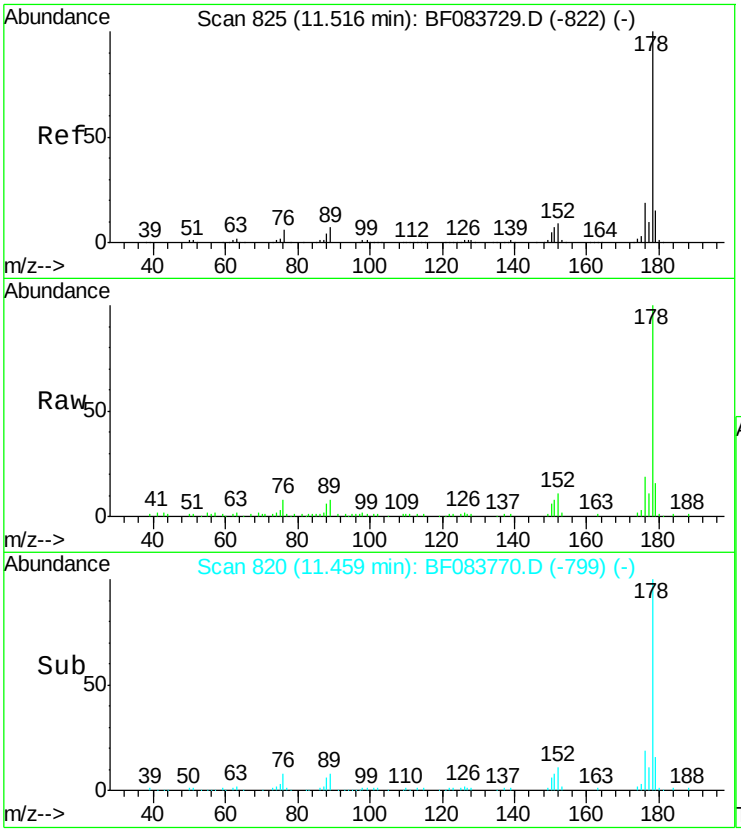


#70
Phenanthrene
Concen: 4.24 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:178 Resp: 62570

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.5	12.2	18.4



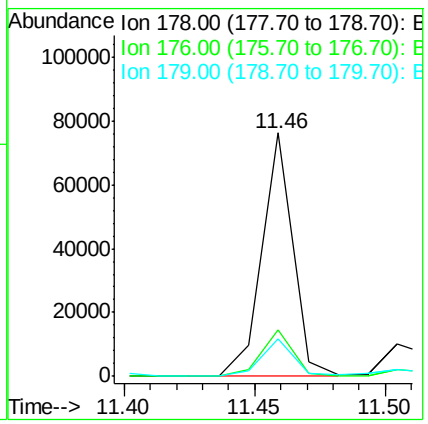


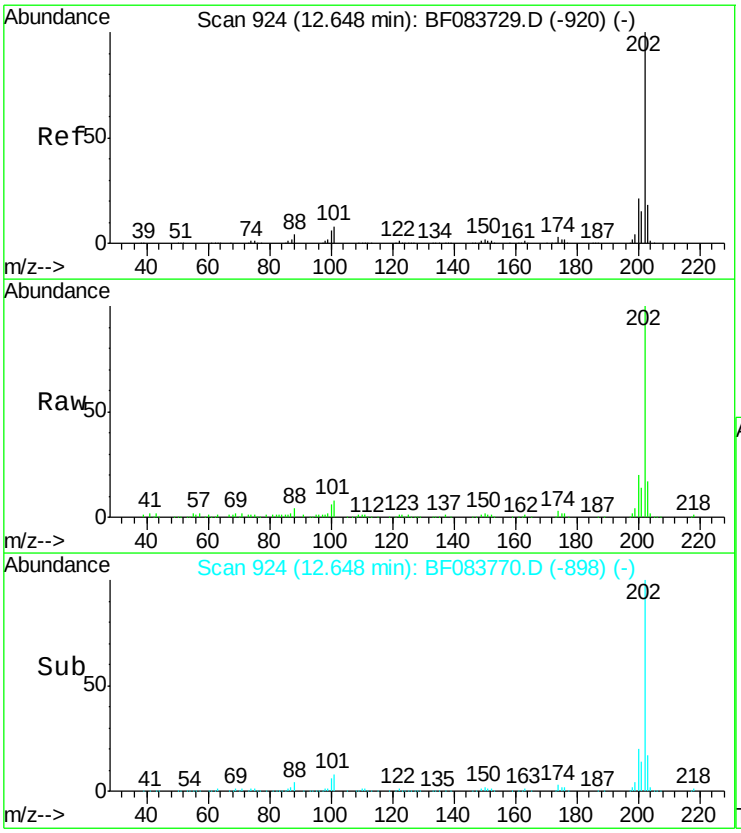
#71
Anthracene
Concen: 4.09 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.06 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 62570

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.6	18.8

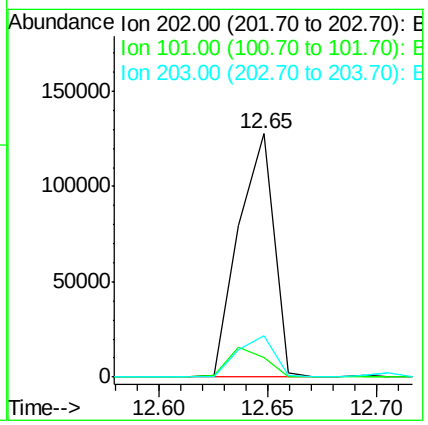


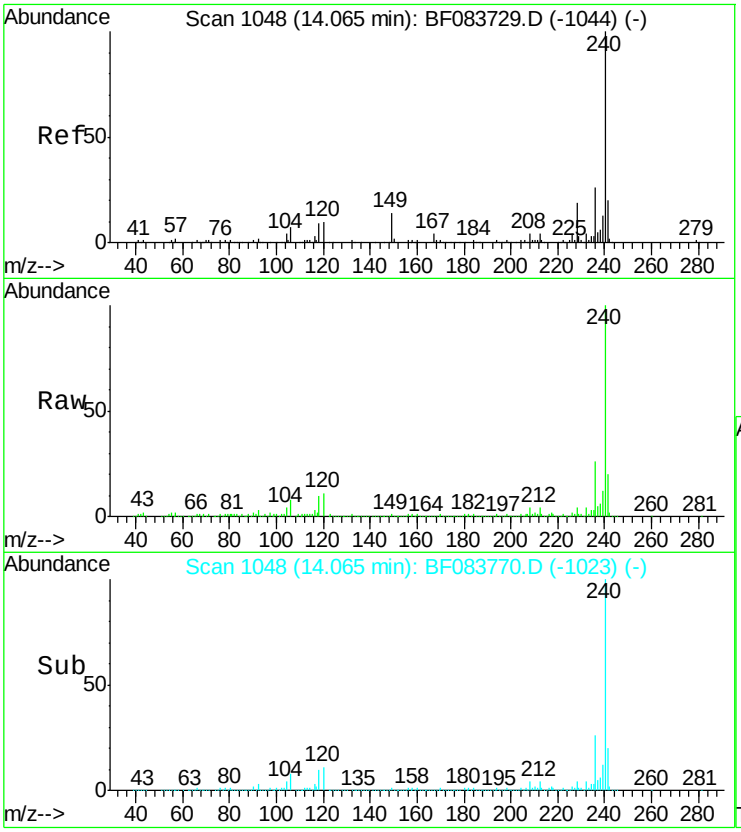


#74
Fluoranthene
Concen: 9.50 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:202 Resp: 144728

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	31.5
203	17.0	0.0	37.6



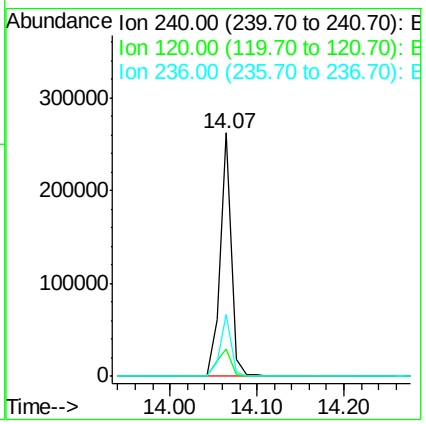


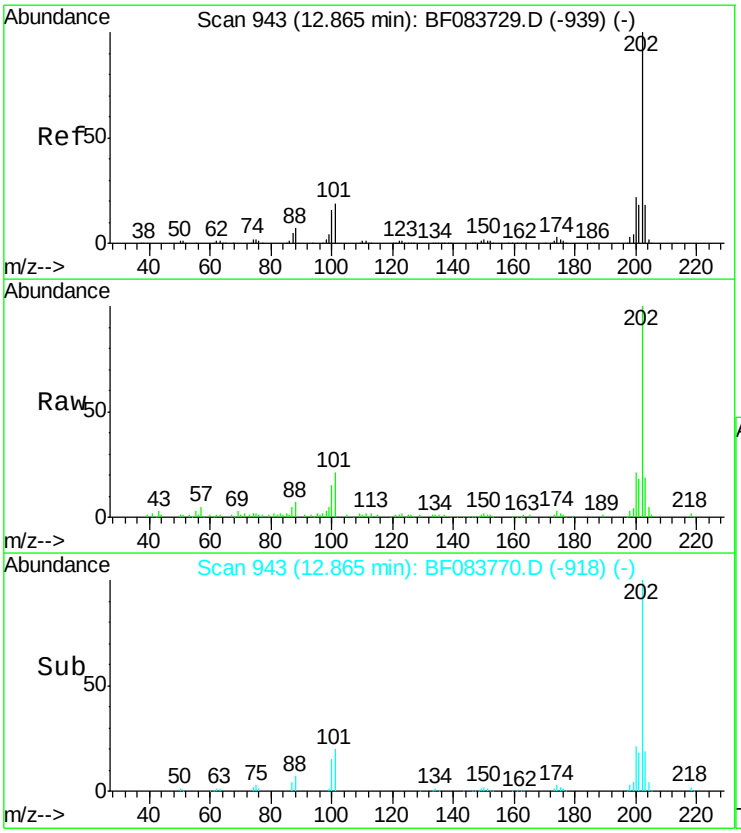
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 240307

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	25.6	20.8	31.2

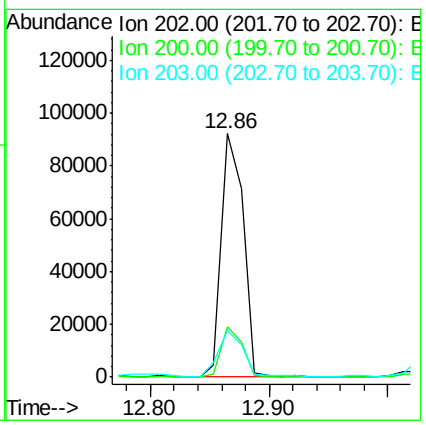


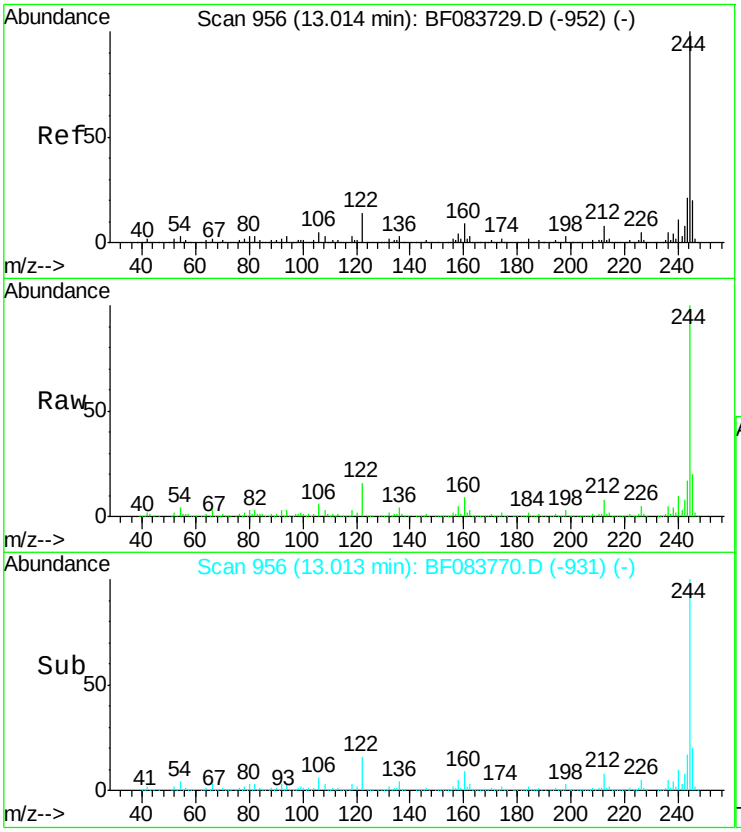


#77
Pyrene
Concen: 6.20 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:202 Resp: 117831

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	19.2	14.3	21.5



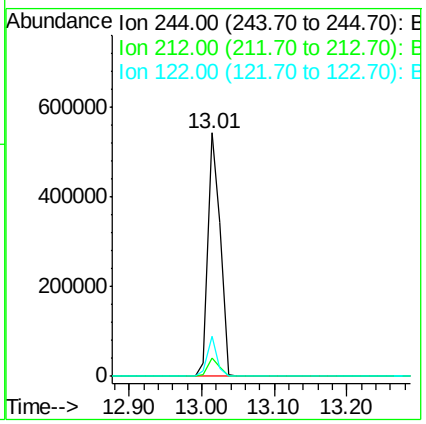


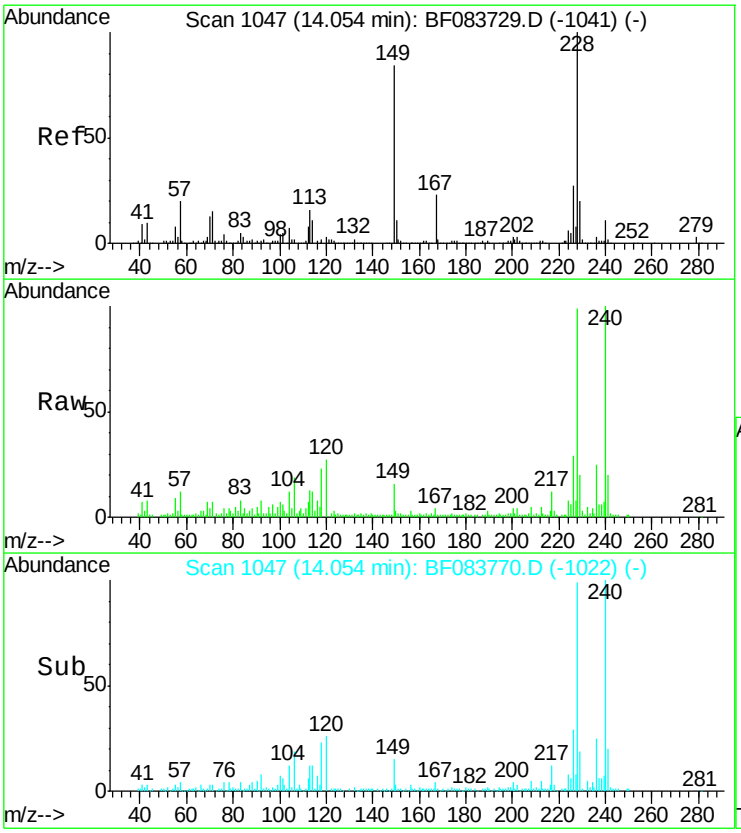
#78
Terphenyl-d14
Concen: 56.75 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 633971

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	16.5	11.0	16.6

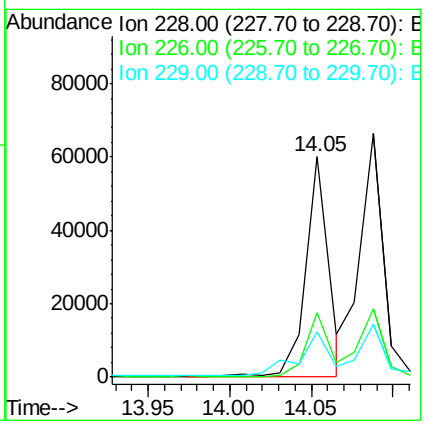


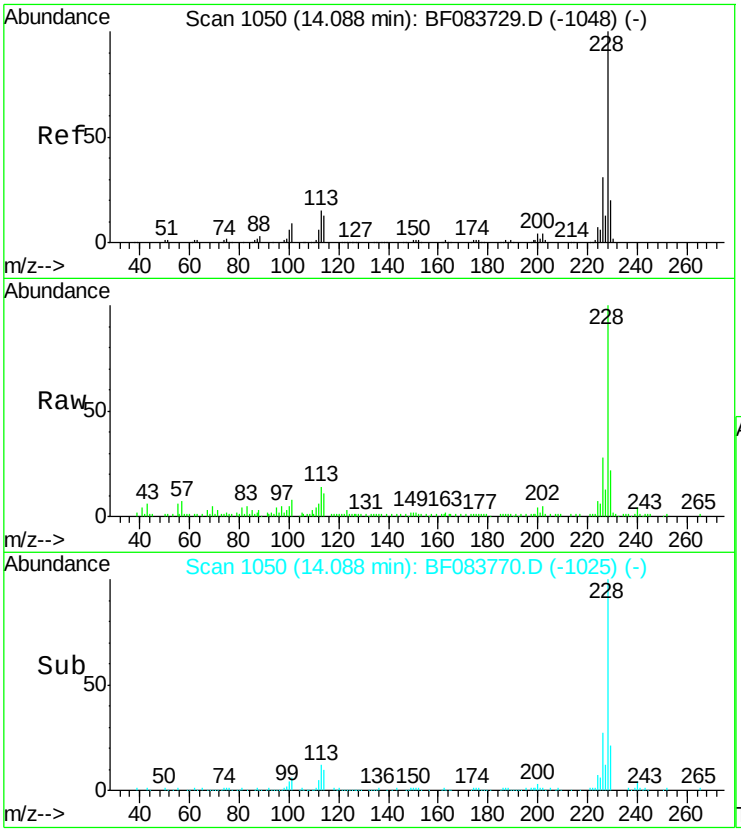


#80
Benzo(a)anthracene
Concen: 4.32 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:228 Resp: 58985

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.3	33.5
229	20.5	15.7	23.5



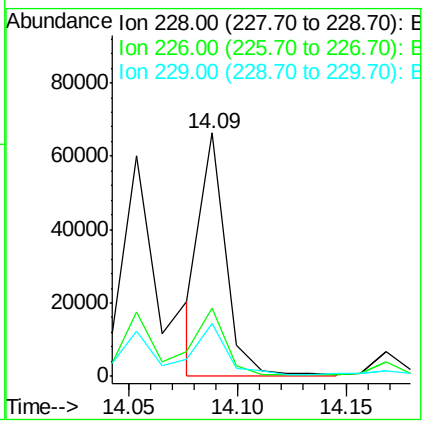


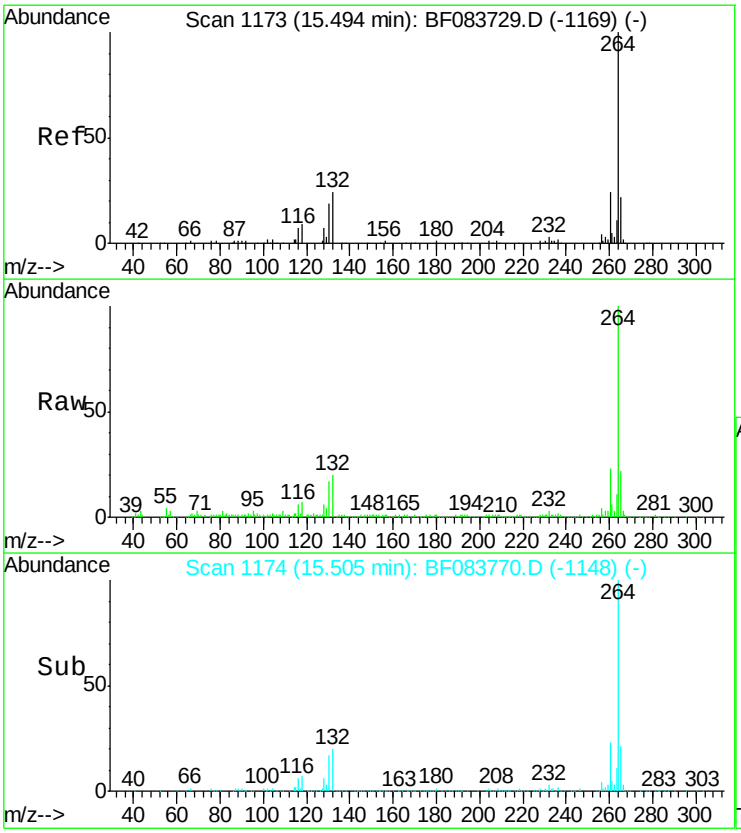
#82
Chrysene
Concen: 4.02 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53644

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.7	37.1
229	22.0	16.3	24.5

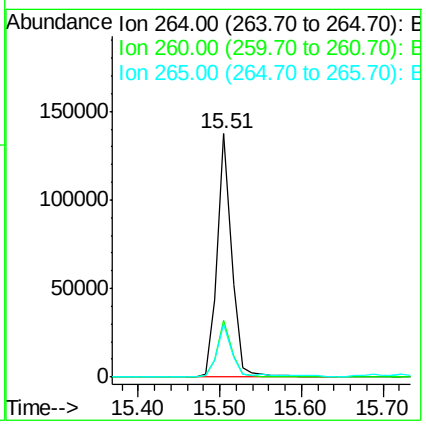


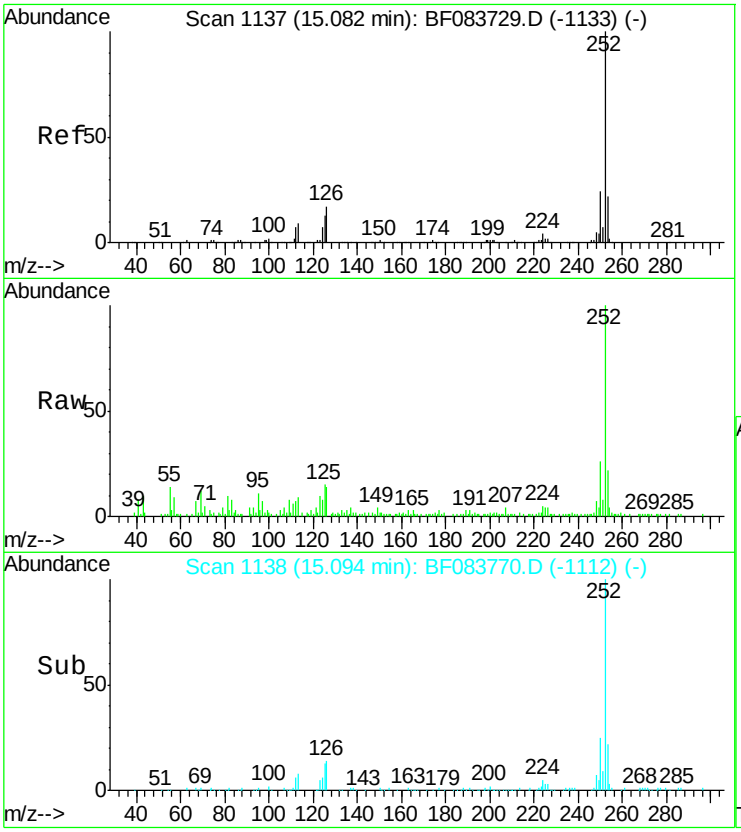


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:264 Resp: 170436

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.7	17.8	26.6



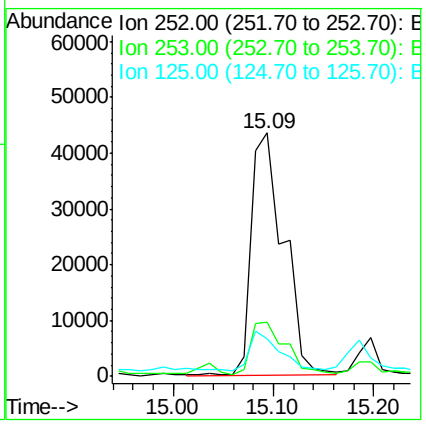


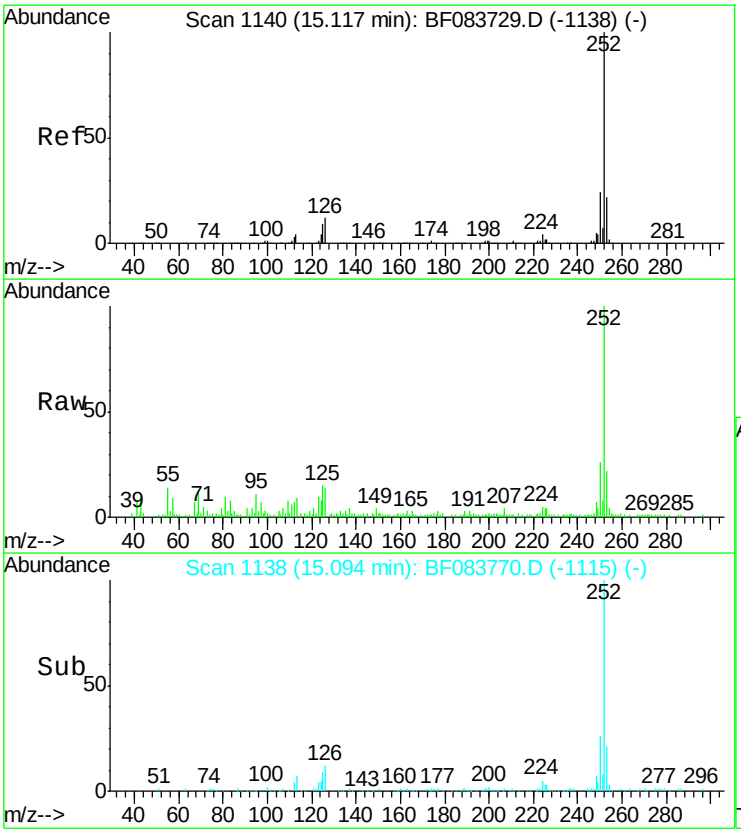
#87
Benzo(b)fluoranthene
Concen: 8.92 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 96984

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	15.3	8.2	12.4#

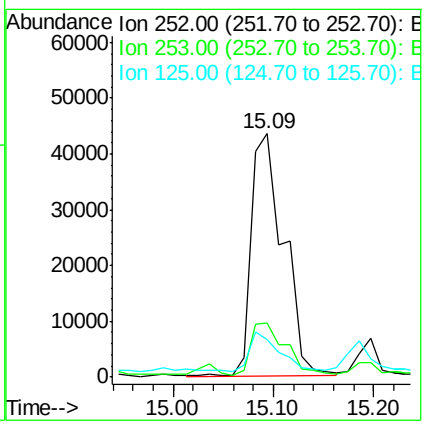


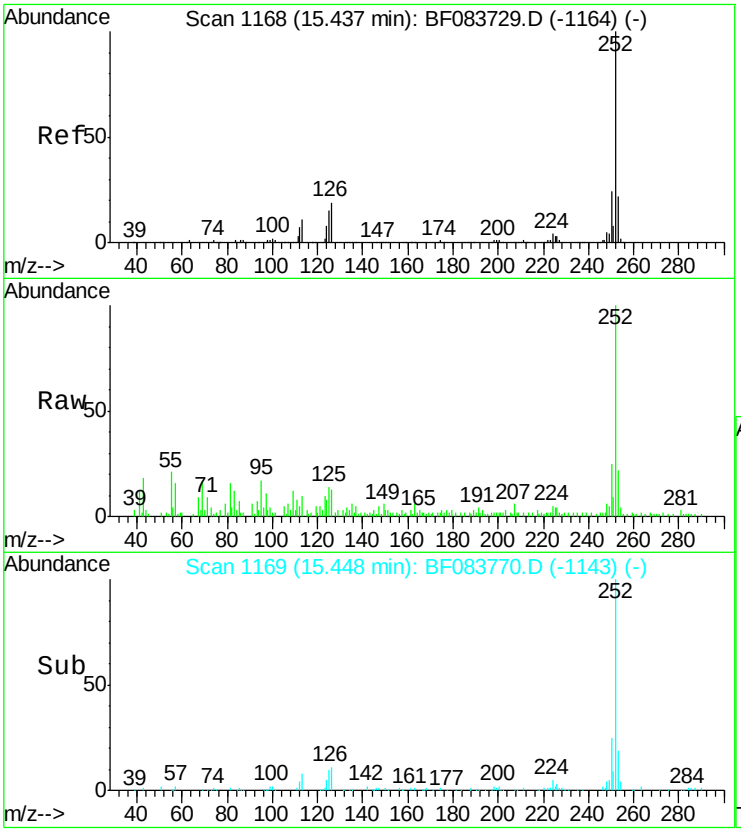


#88
Benzo(k)fluoranthene
Concen: 9.84 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:252 Resp: 96984

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	15.3	11.5	17.3



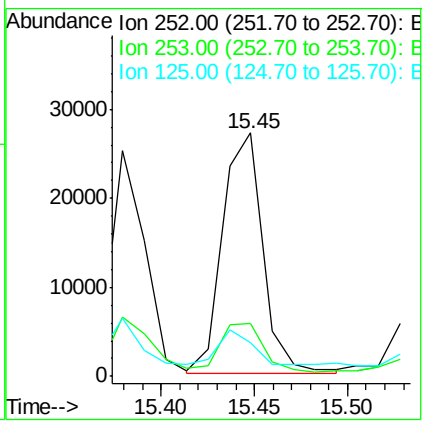


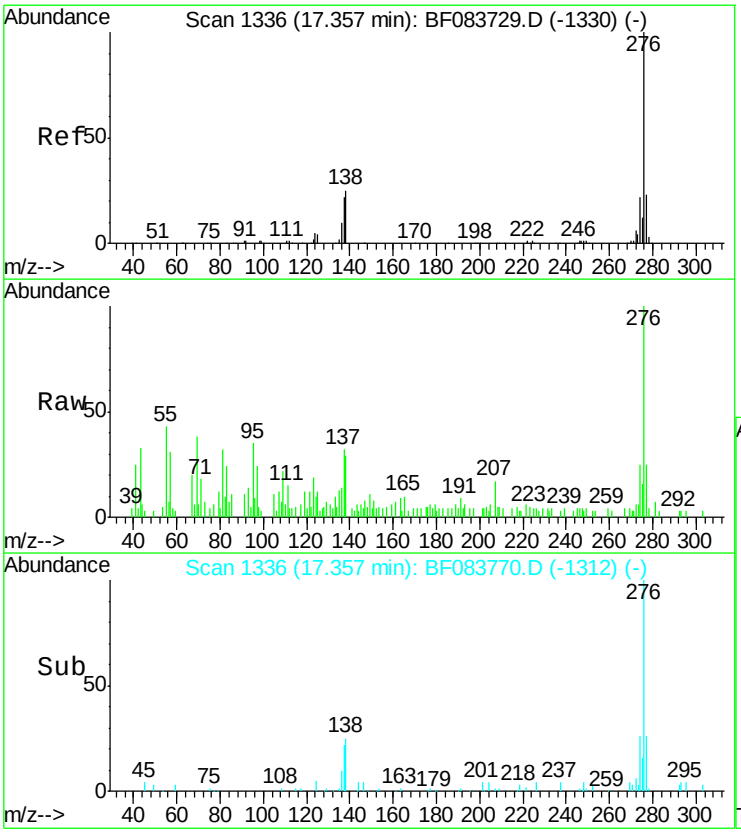
#89
Benzo(a)pyrene
Concen: 4.20 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40747

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.0	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083770.D
Acq: 14 Dec 2015 10:41

Tgt Ion:276 Resp: 23631

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	28.9	19.5	29.3