Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085240.D
Acq On : 5 Mar 2016 8:39
Operator : SJ/IZ
Sample : H1683-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 07 00:03:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155775	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	584276	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	240718	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	386357	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	253715	20.00	ng		-0.02
86) Perylene-d12	15.60	264	244120	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1292941	139.22	ng		0.00
7) Phenol-d6	6.60	99	1293944	106.35	ng		-0.01
23) Nitrobenzene-d5	7.53	82	888186	81.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	268519	130.37	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1116544	70.54	ng		-0.02
78) Terphenyl-d14	13.08	244	726758	66.50	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	120080	15.14	ng	#	77
49) Dimethylphthalate	9.73	163	241673	13.08	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	19072	5.08	ng	#	1
70) Phenanthrene	11.52	178	312976	15.46	ng		97
71) Anthracene	11.57	178	65736	3.06	ng		98
74) Fluoranthene	12.71	202	372017	18.31	ng		96
77) Pyrene	12.94	202	427211	22.37	ng		97
80) Benzo(a)anthracene	14.12	228	223097	14.69	ng		99
82) Chrysene	14.12	228	223097	15.90	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	64187	5.86	ng	#	91
87) Benzo(b)fluoranthene	15.17	252	234172	14.39	ng		99
88) Benzo(k)fluoranthene	15.17	252	234172	17.84	ng		98
89) Benzo(a)pyrene	15.53	252	130539	9.68	ng	#	93
91) Benzo(g,h,i)perylene	17.51	276	62605	5.41	ng		98

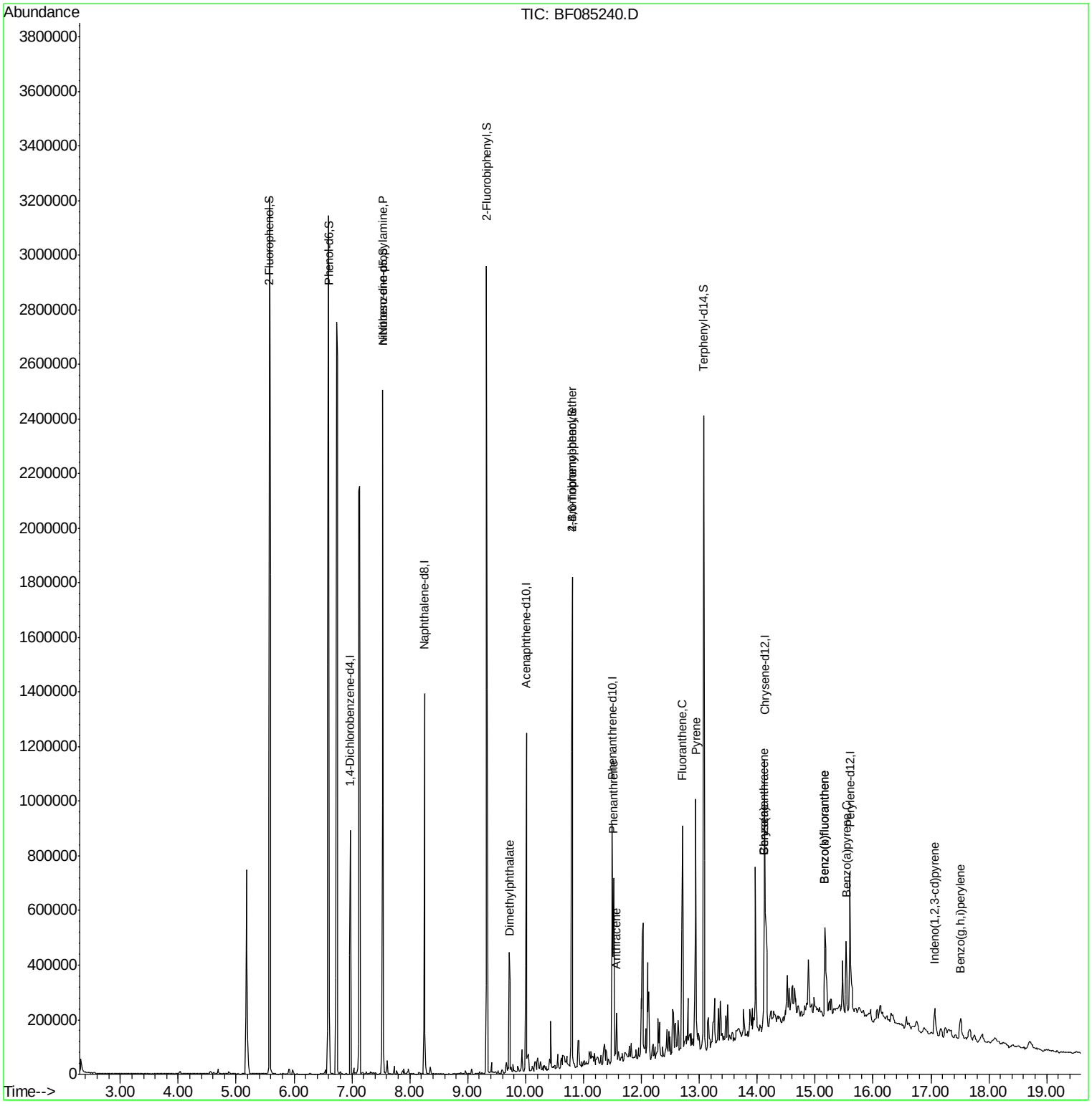
(#) = qualifier out of range (m) = manual integration (+) = signals summed

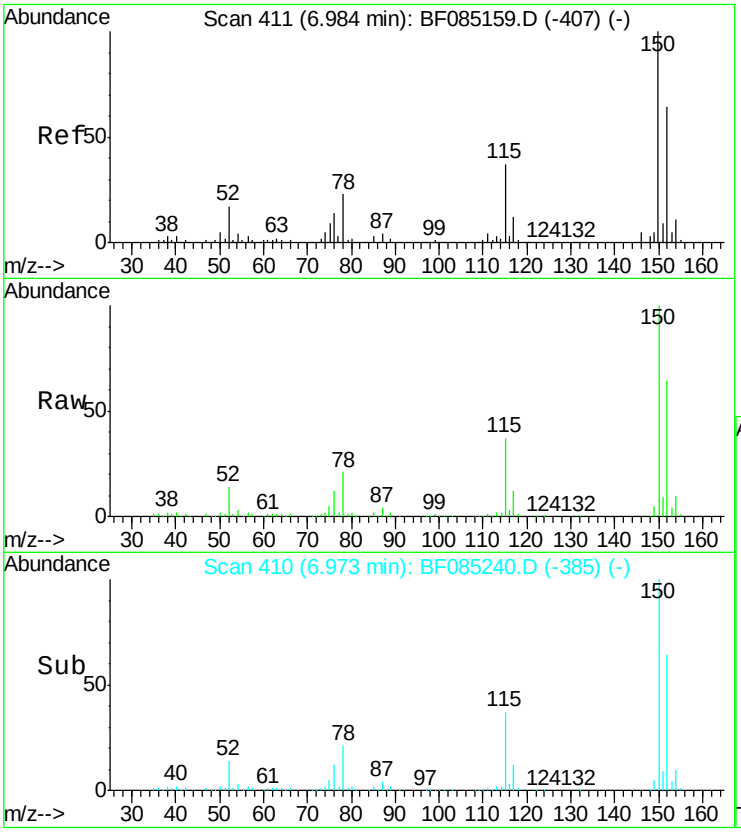
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085240.D
Acq On : 5 Mar 2016 8:39
Operator : SJ/IZ
Sample : H1683-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 07 00:03:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



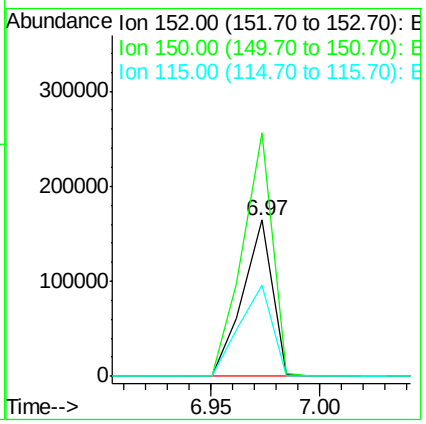


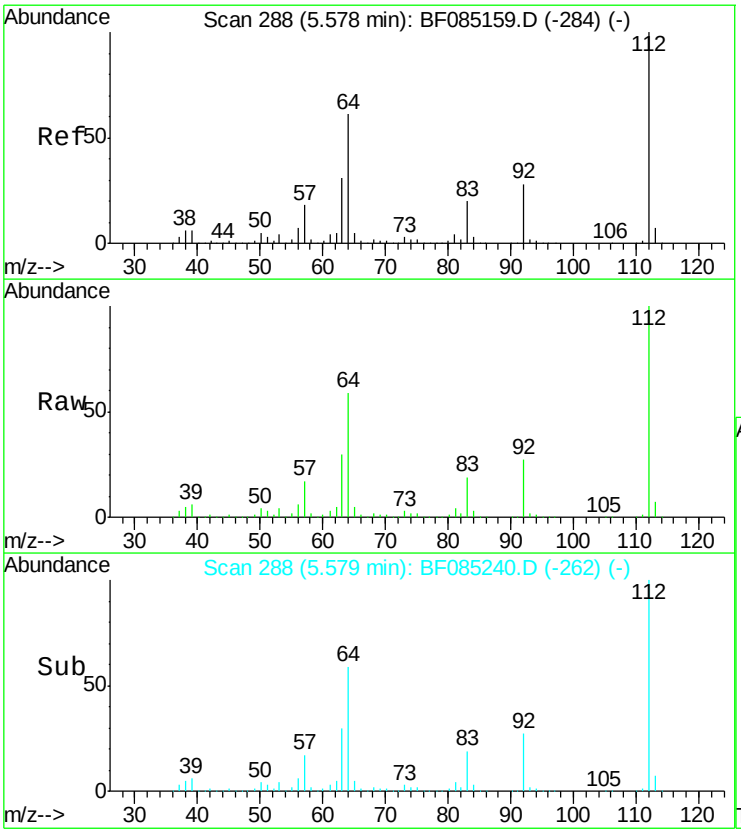
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155775

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	58.3	46.6	70.0

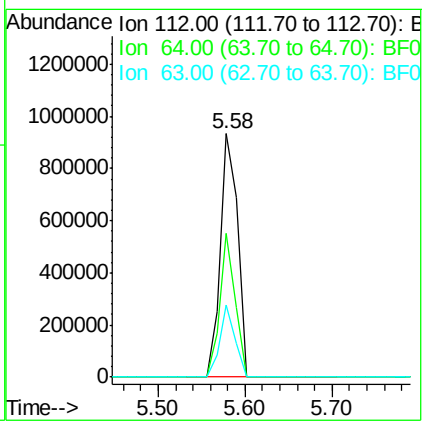


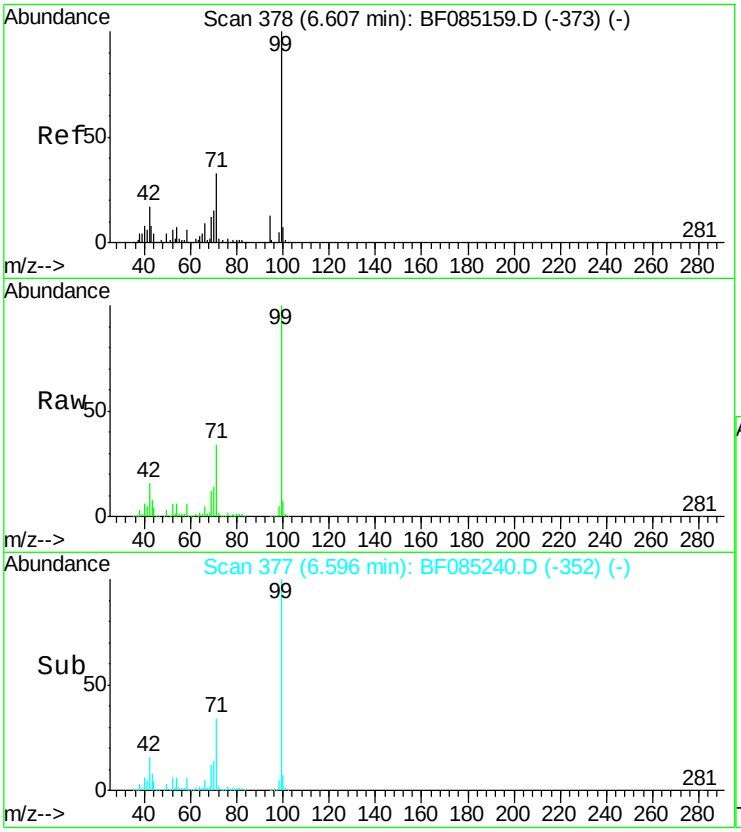


#5
2-Fluorophenol
Concen: 139.22 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:112 Resp: 1292941

Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.0	73.4
63	29.7	24.8	37.2



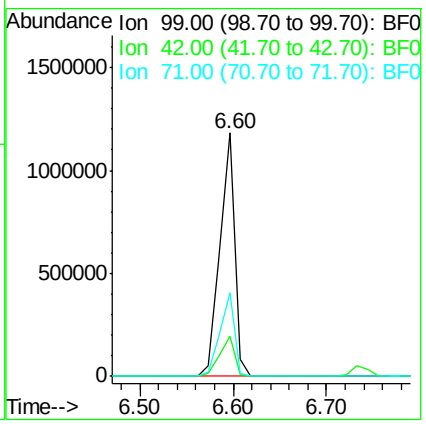


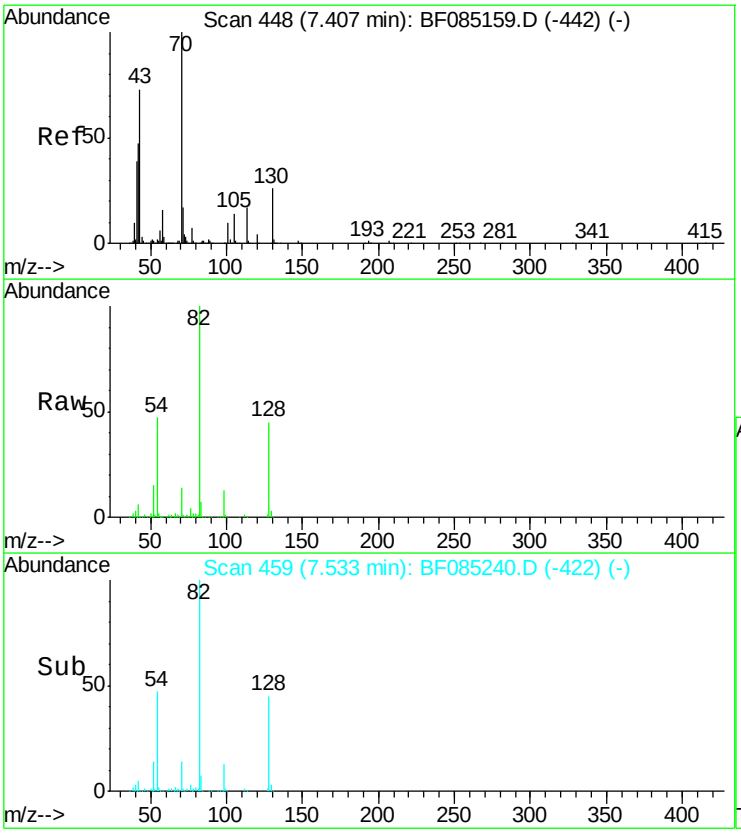
#7
Phenol-d6
Concen: 106.35 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1293944

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	34.5	26.7	40.1

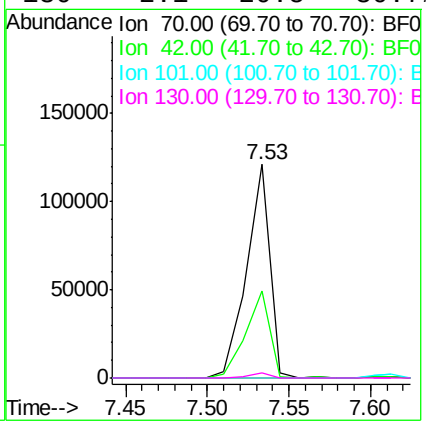


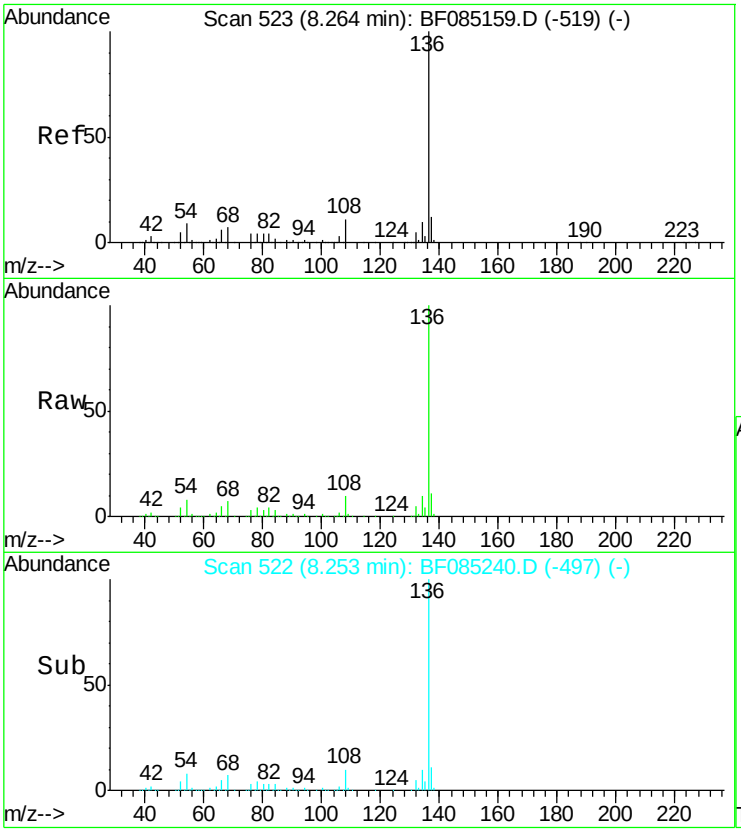


#19
n-Nitroso-di-n-propylamine
Concen: 15.14 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion: 70 Resp: 120080

Ion	Ratio	Lower	Upper
70	100		
42	40.9	37.7	56.5
101	0.0	8.2	12.4#
130	2.1	20.5	30.7#



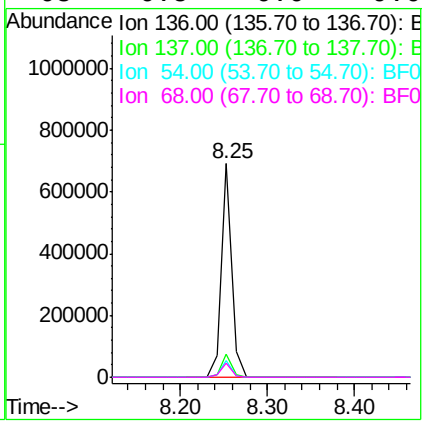


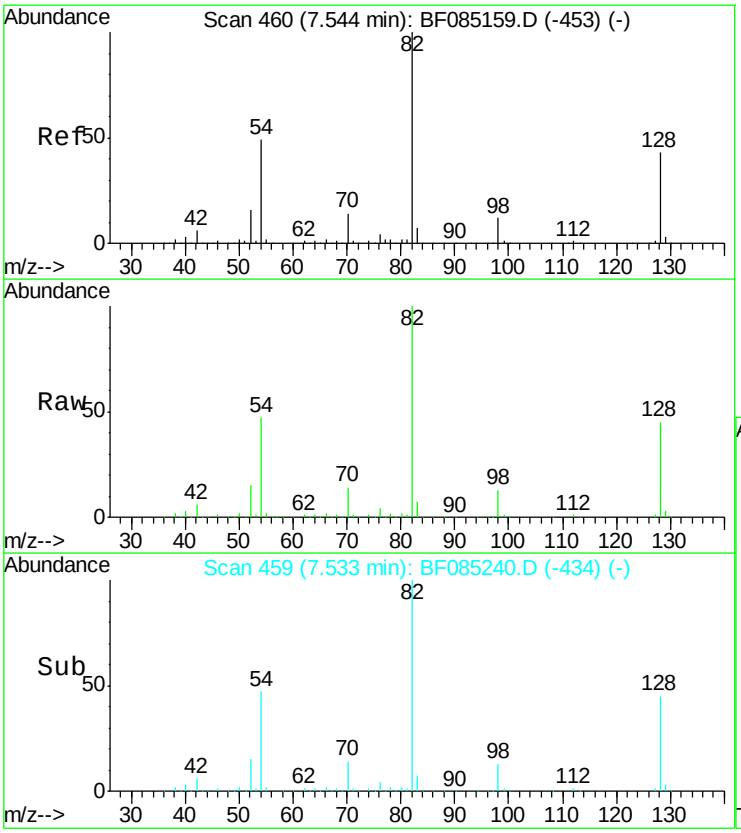
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 584276

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.7	7.4	11.2
68	6.5	6.0	9.0

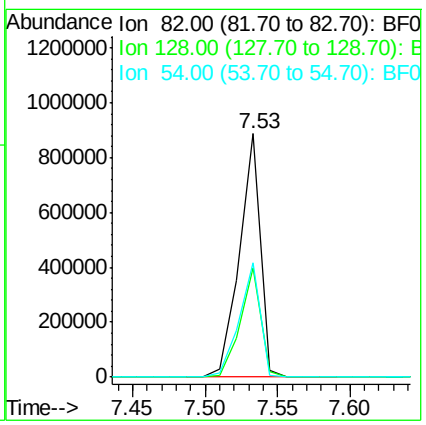


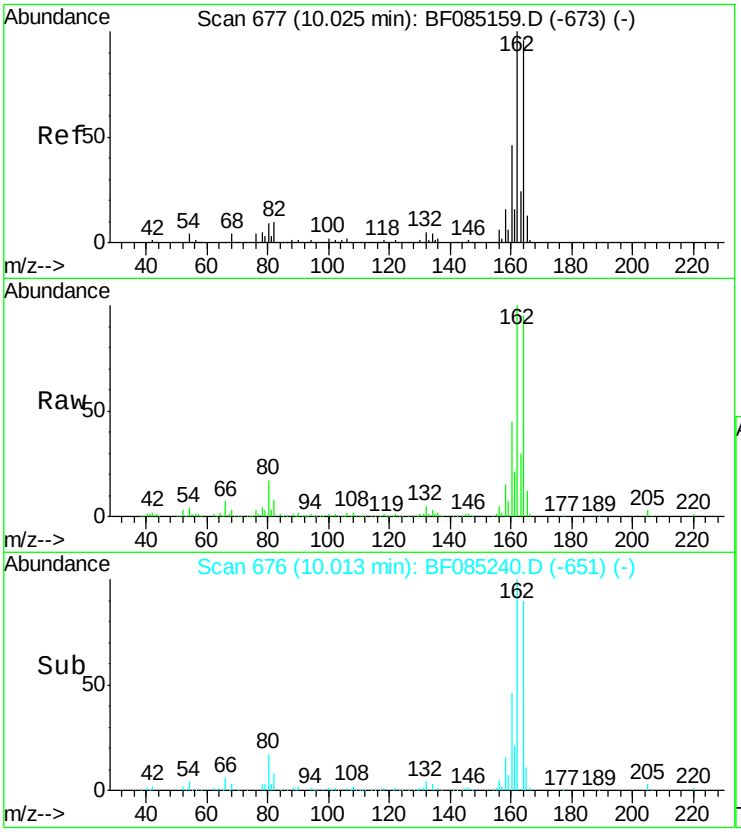


#23
Nitrobenzene-d5
Concen: 81.35 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion: 82 Resp: 888186

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.5	51.7
54	46.9	39.3	58.9



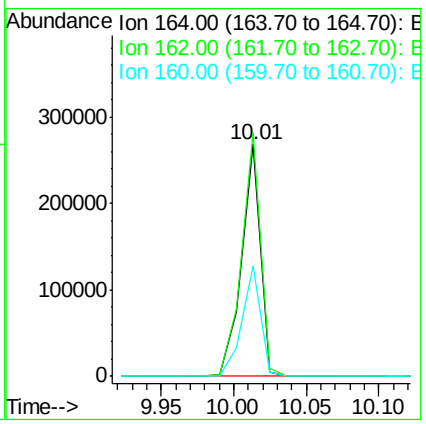


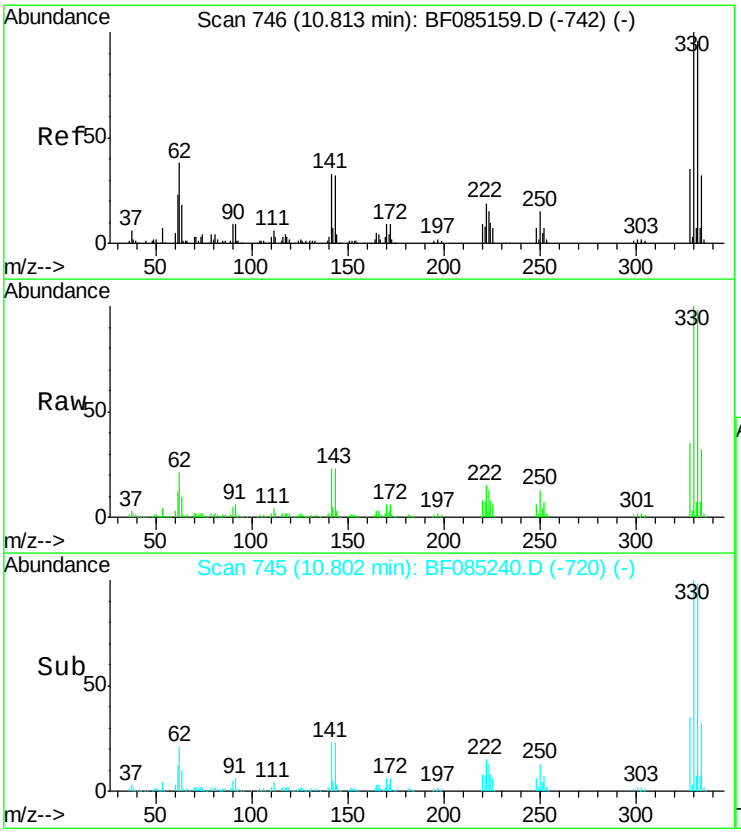
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 240718

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.3	124.9
160	47.5	37.9	56.9

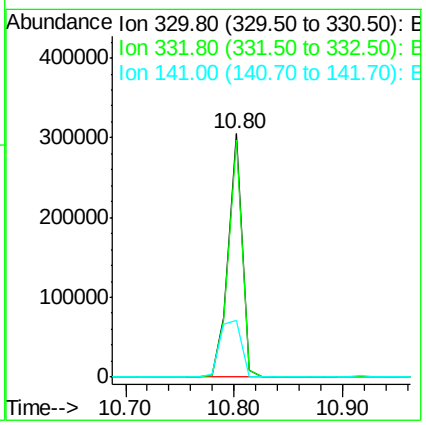


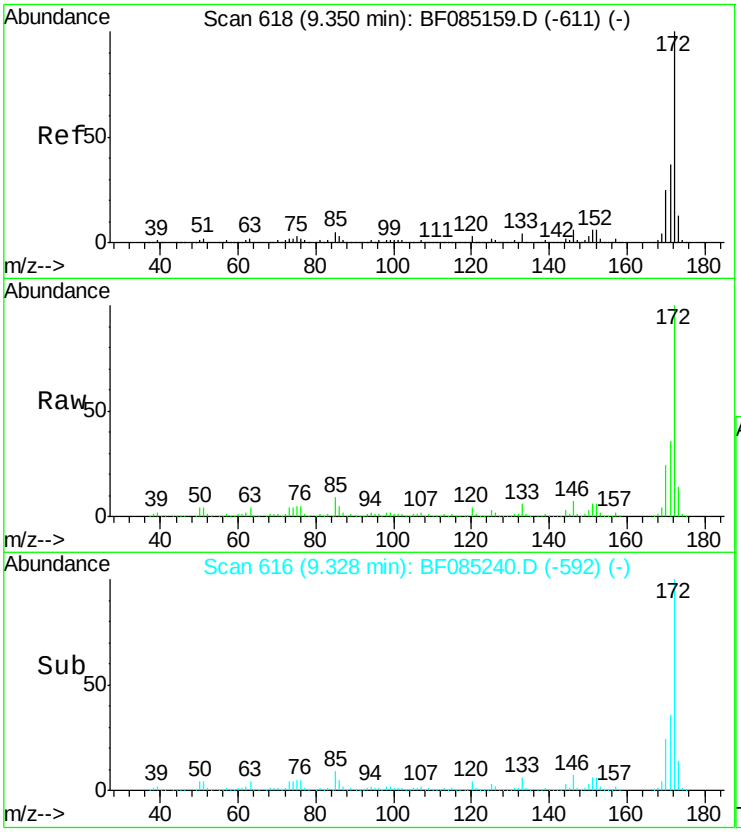


#41
2,4,6-Tribromophenol
Concen: 130.37 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:330 Resp: 268519

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	36.6	35.0	52.6



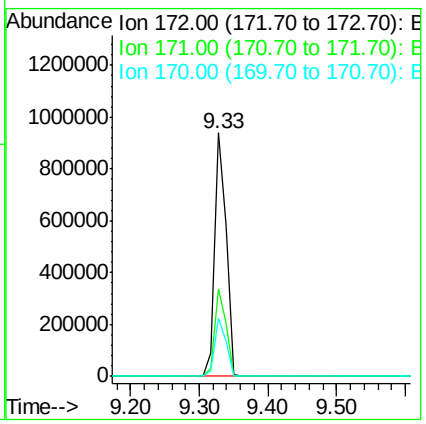


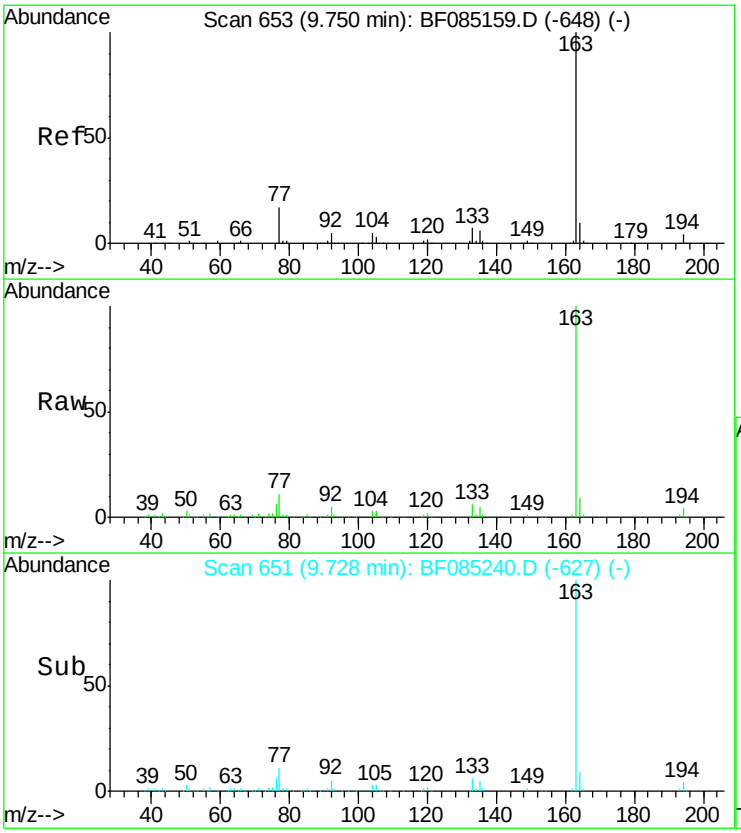
#44
2-Fluorobiphenyl
Concen: 70.54 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1116544

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	24.0	20.0	30.0

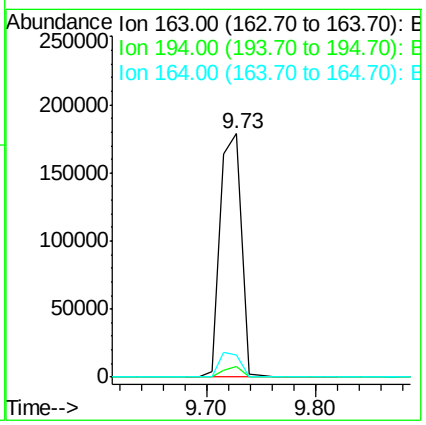


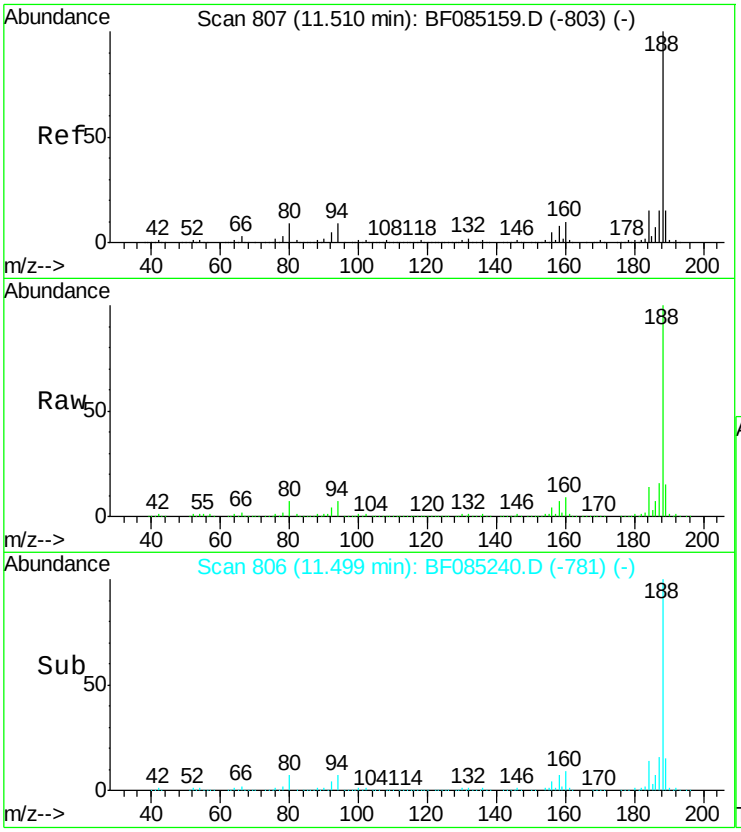


#49
Dimethylphthalate
Concen: 13.08 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:163 Resp: 241673

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.3	8.2	12.4



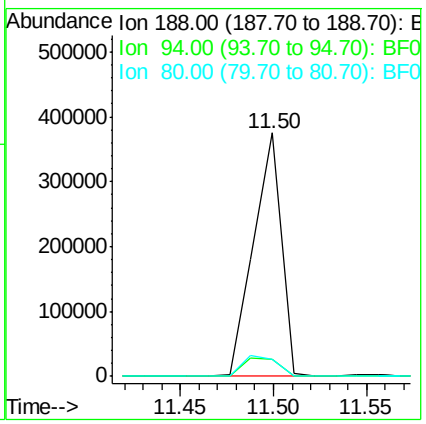


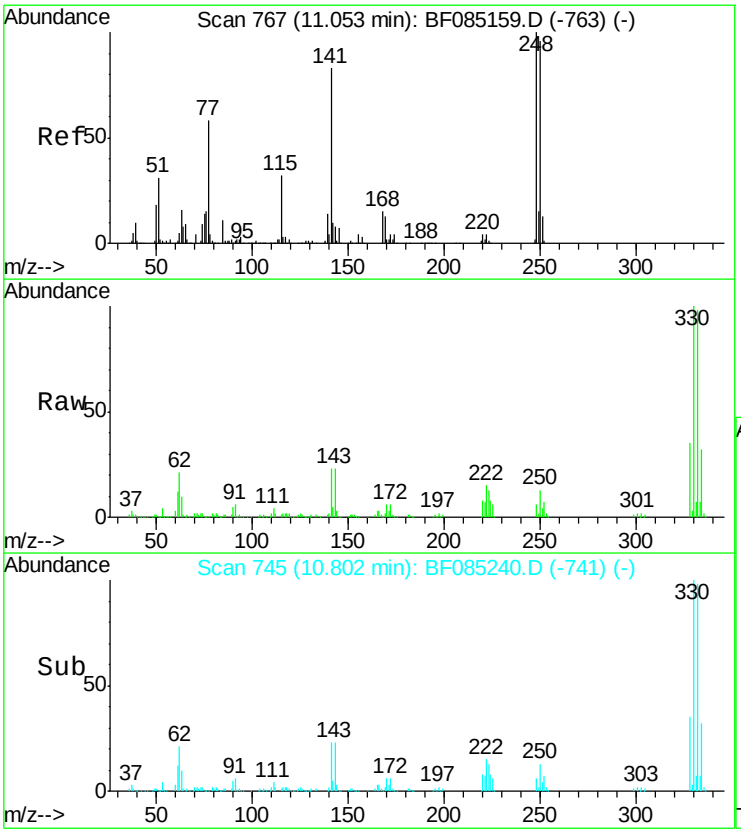
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 386357

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.6#
80	6.9	7.4	11.0#

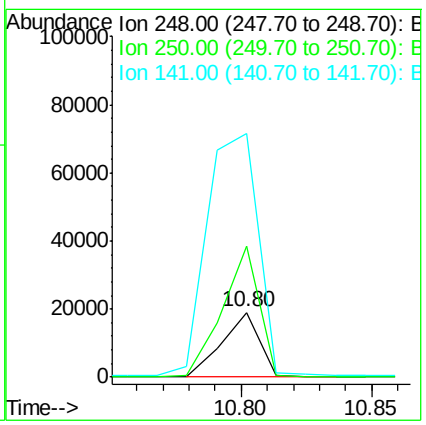


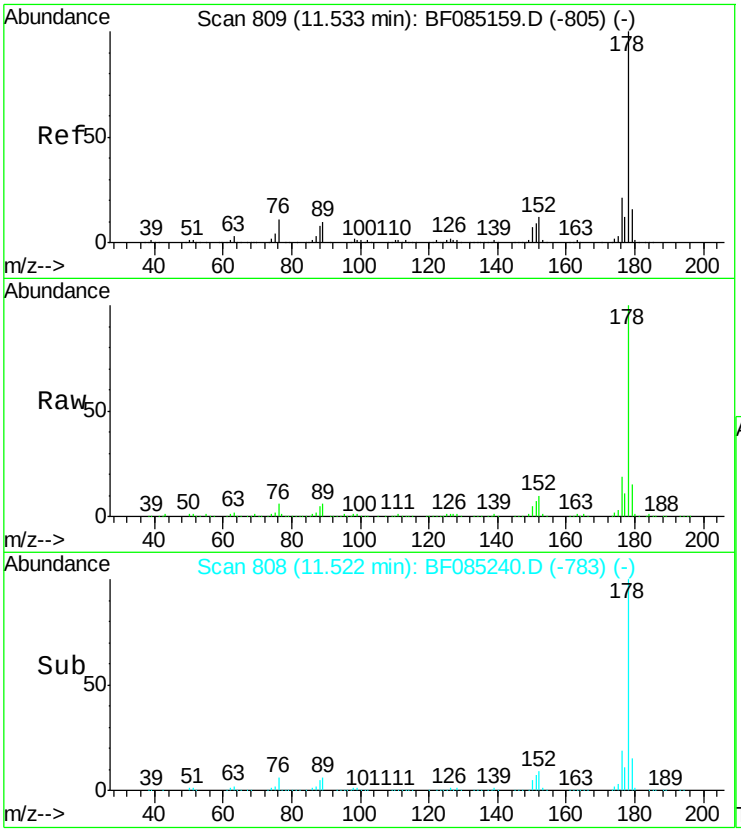


#66
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:248 Resp: 19072

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.1	115.7#
141	376.9	66.2	99.2#



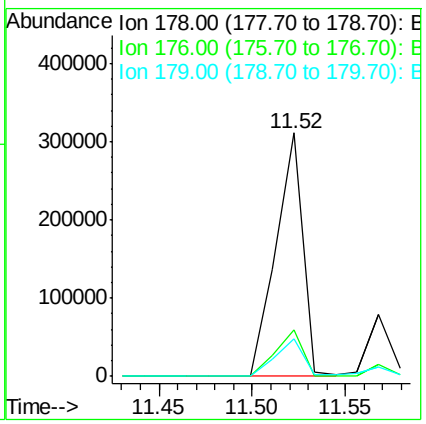


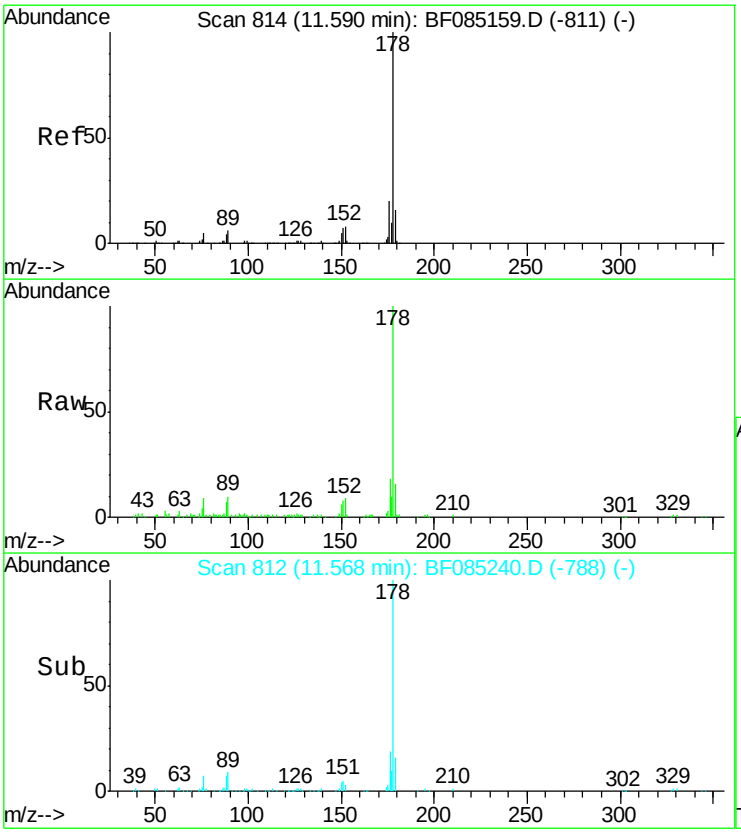
#70
Phenanthrene
Concen: 15.46 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 312976

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.8	25.2
179	15.2	13.1	19.7

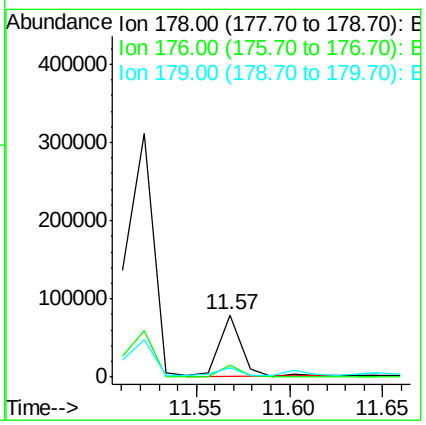


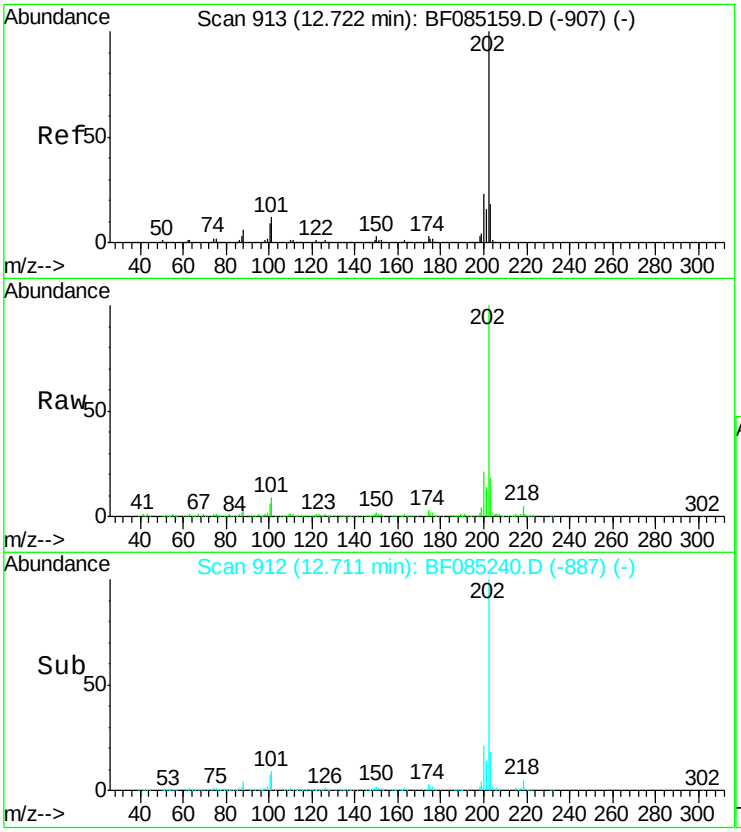


#71
Anthracene
Concen: 3.06 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:178 Resp: 65736

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	16.1	12.5	18.7



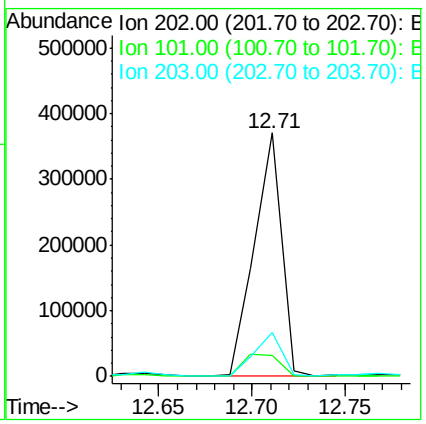


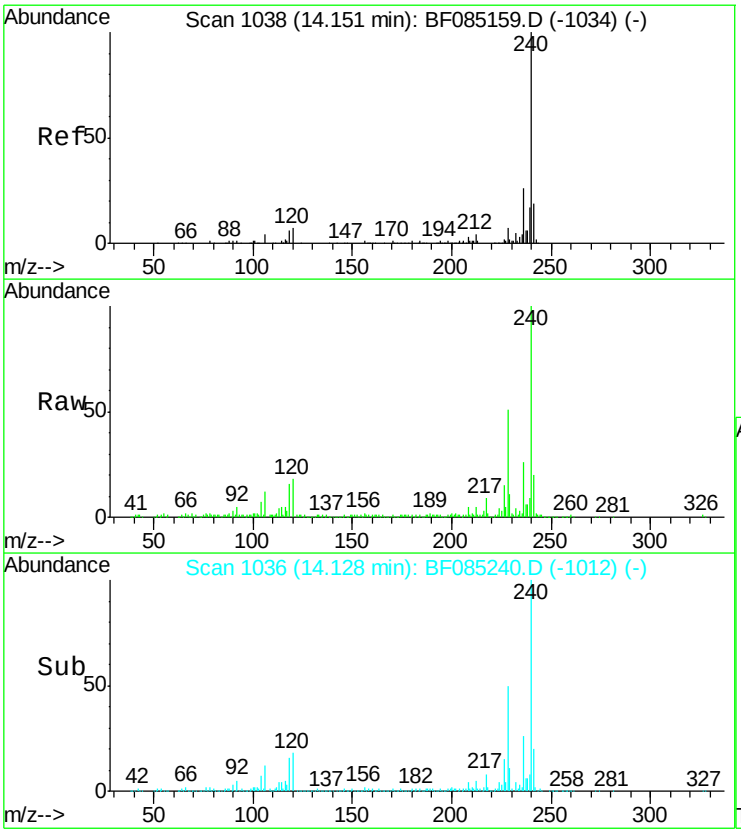
#74
Fluoranthene
Concen: 18.31 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 372017

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	31.8
203	17.8	0.0	38.4

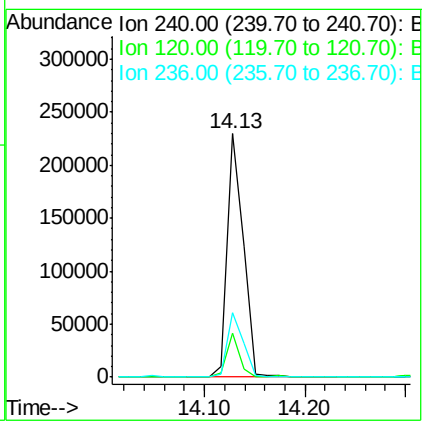


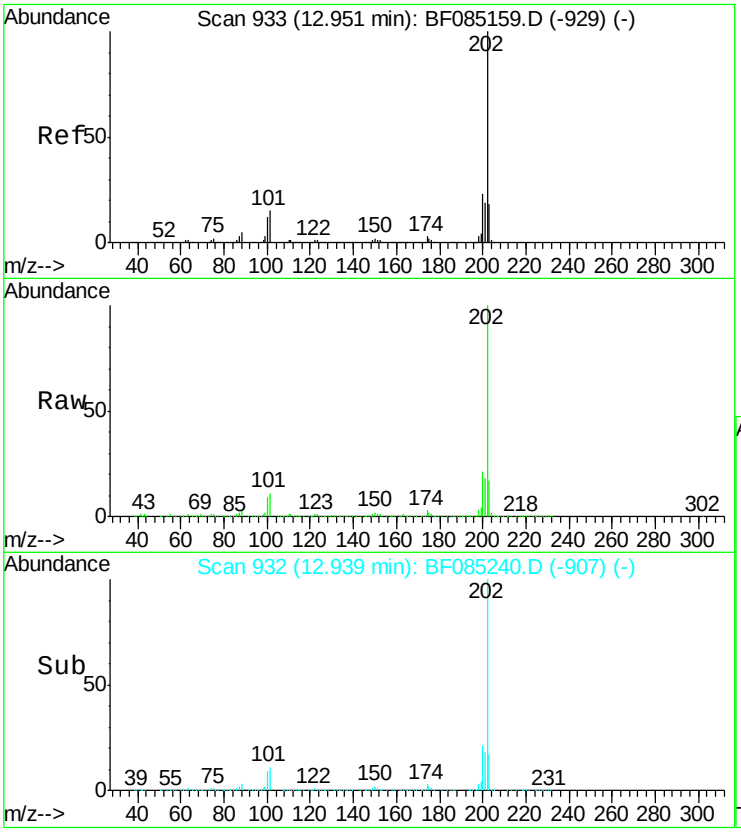


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:240 Resp: 253715

Ion	Ratio	Lower	Upper
240	100		
120	18.1	5.3	7.9#
236	26.4	20.7	31.1



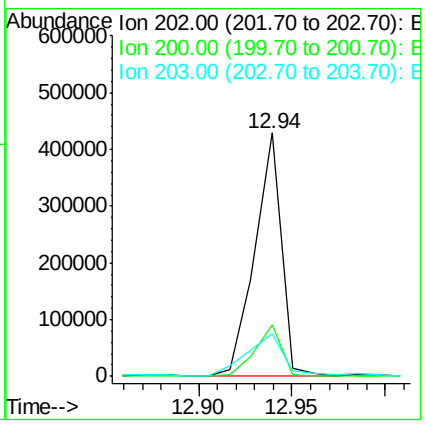


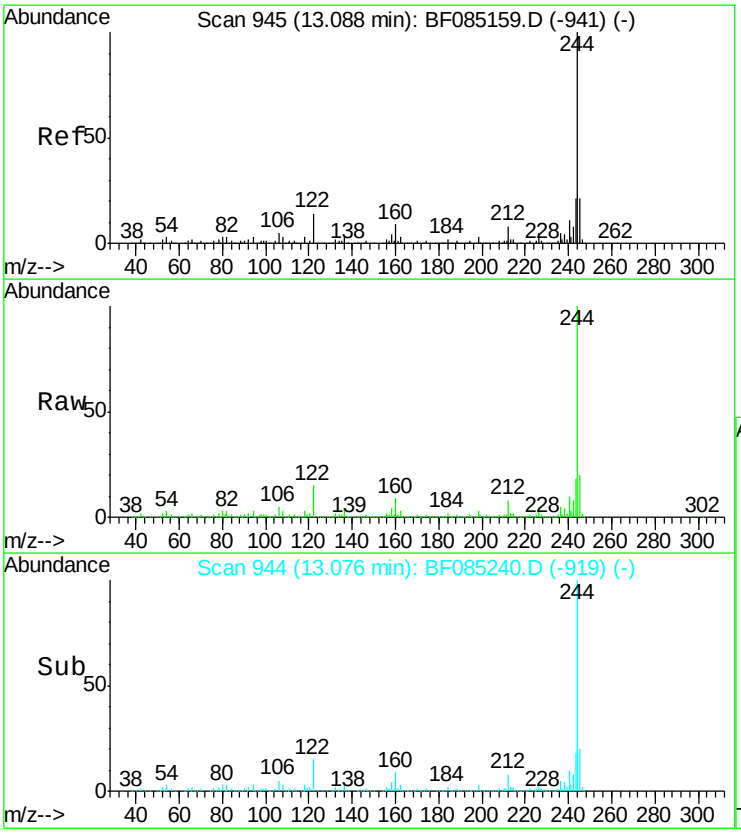
#77
Pyrene
Concen: 22.37 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 427211

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	17.5	14.7	22.1

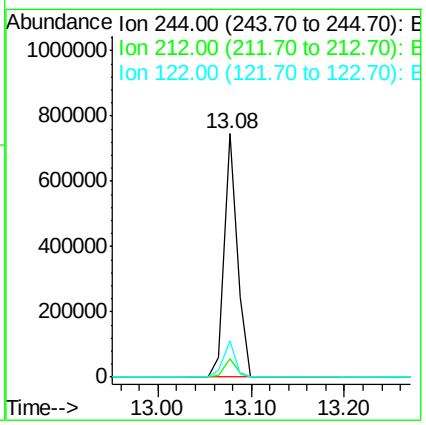


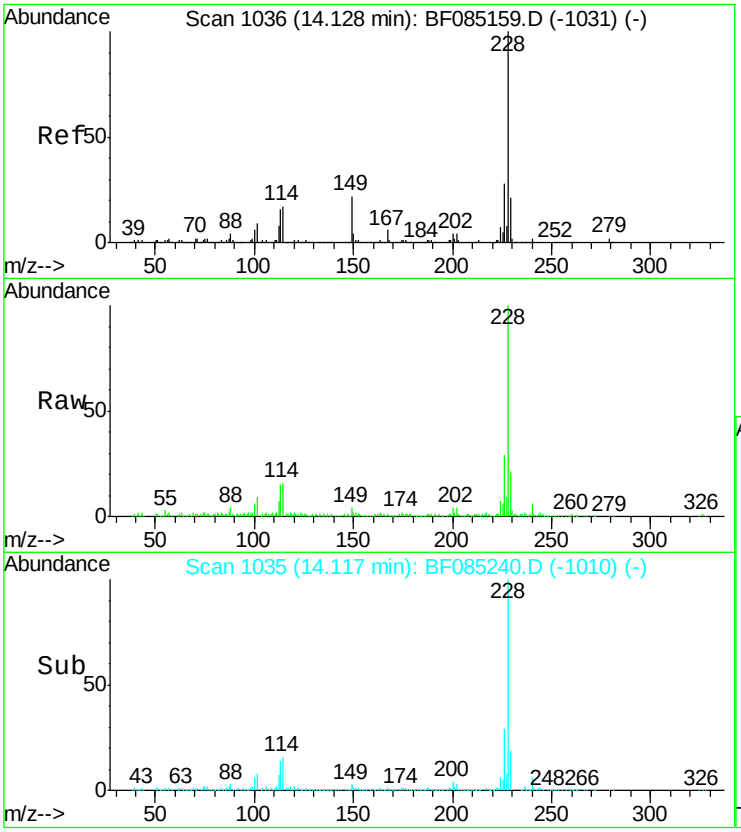


#78
Terphenyl-d14
Concen: 66.50 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:244 Resp: 726758

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	15.1	11.4	17.2



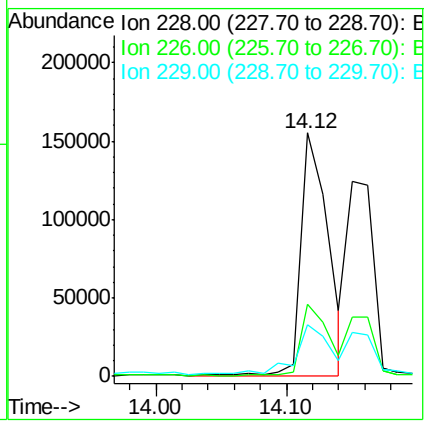


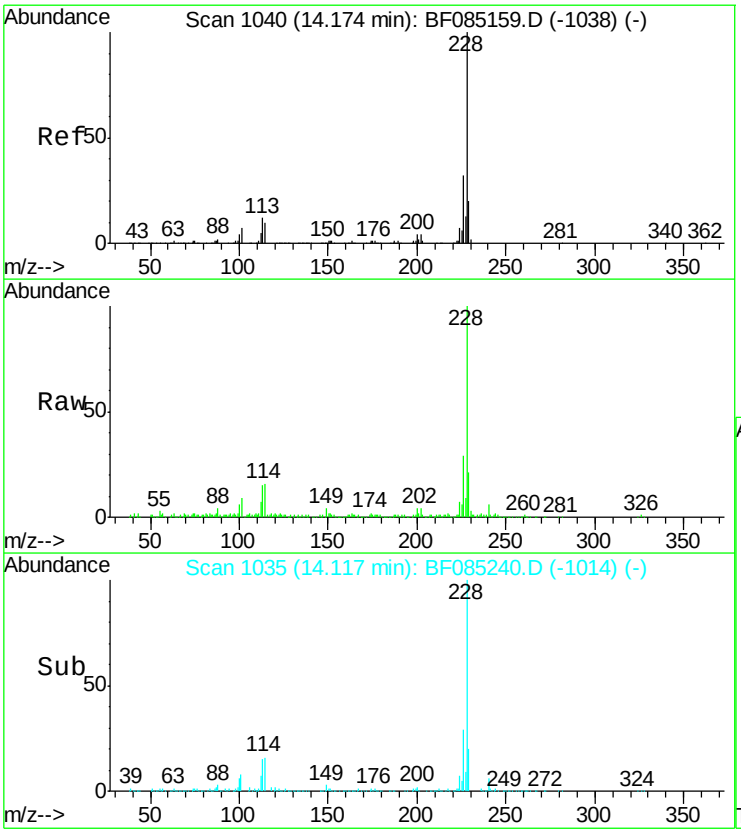
#80
Benzo(a)anthracene
Concen: 14.69 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 223097

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	21.1	16.6	24.8

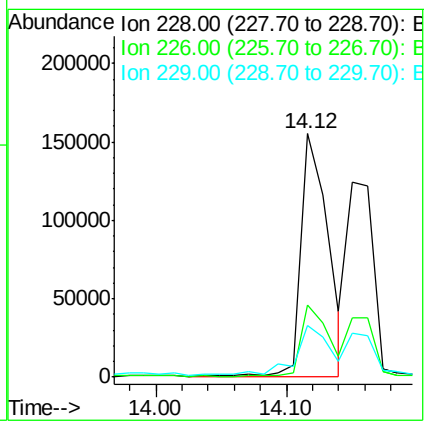


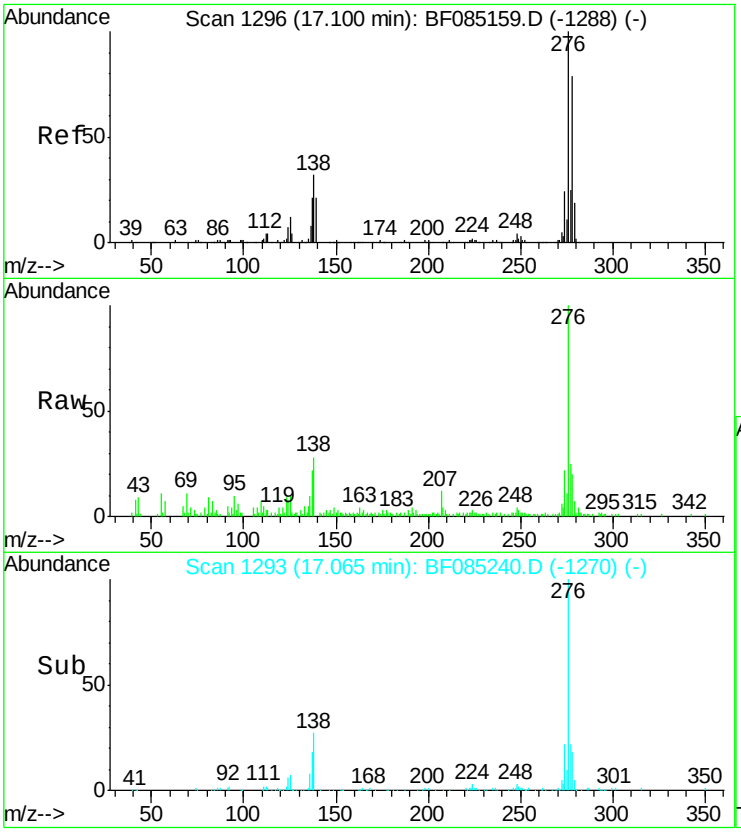


#82
Chrysene
Concen: 15.90 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:228 Resp: 223097

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.2	37.8
229	21.1	16.0	24.0



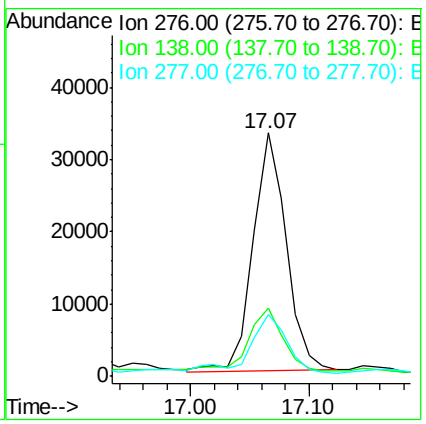


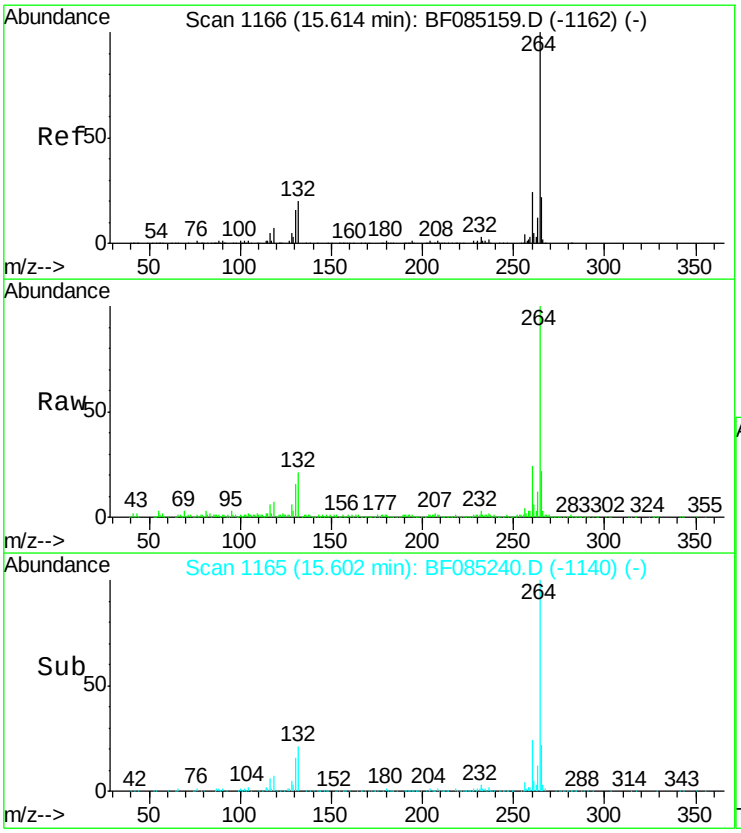
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.86 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64187

Ion	Ratio	Lower	Upper
276	100		
138	28.0	26.4	39.6
277	30.3	20.2	30.2#

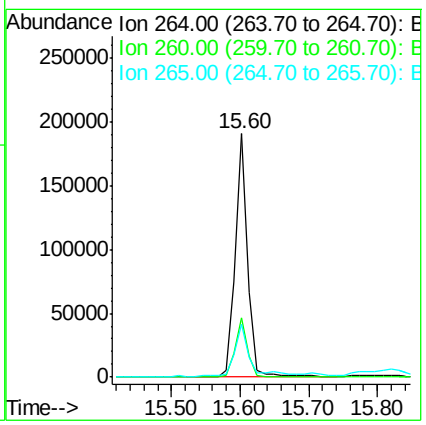


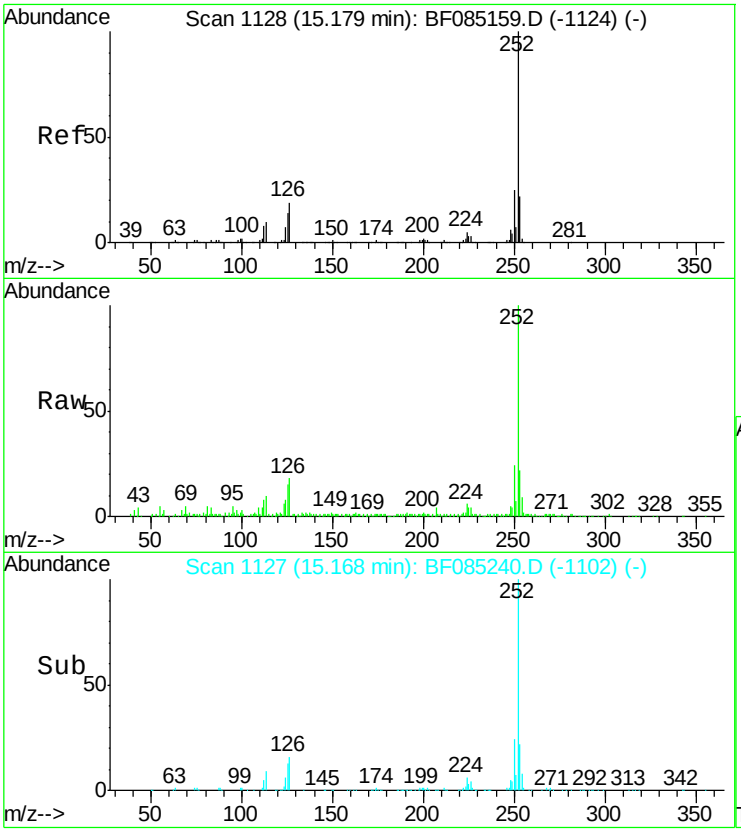


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:264 Resp: 244120

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.3	25.9



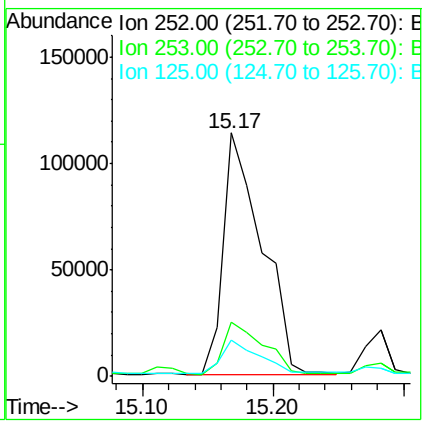


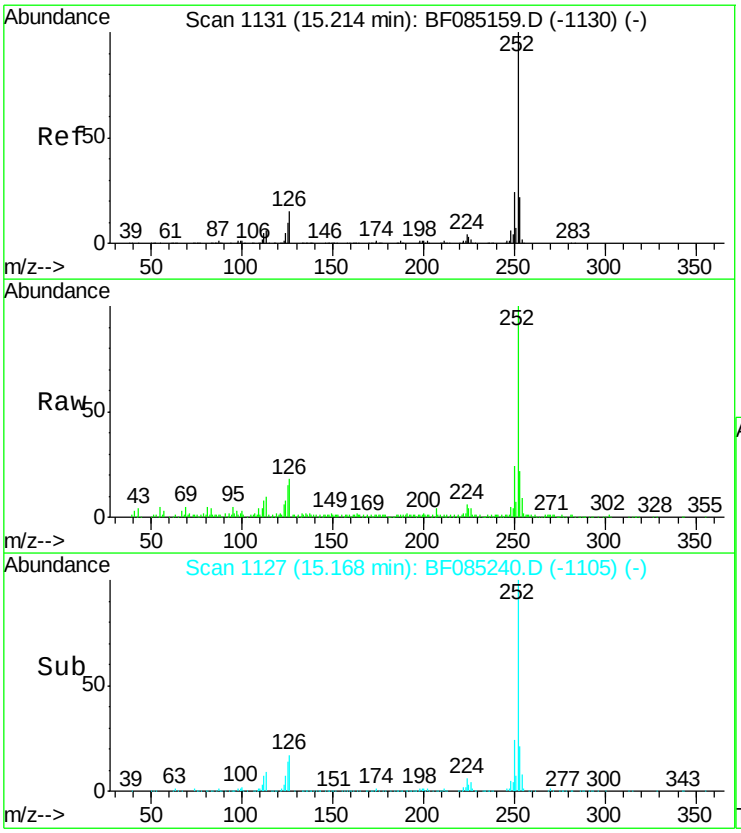
#87
Benzo(b)fluoranthene
Concen: 14.39 ng
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 234172

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.9	11.3	16.9

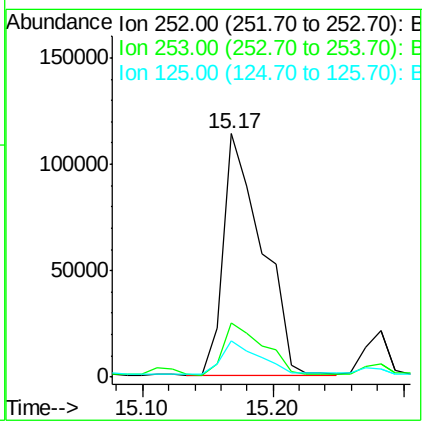


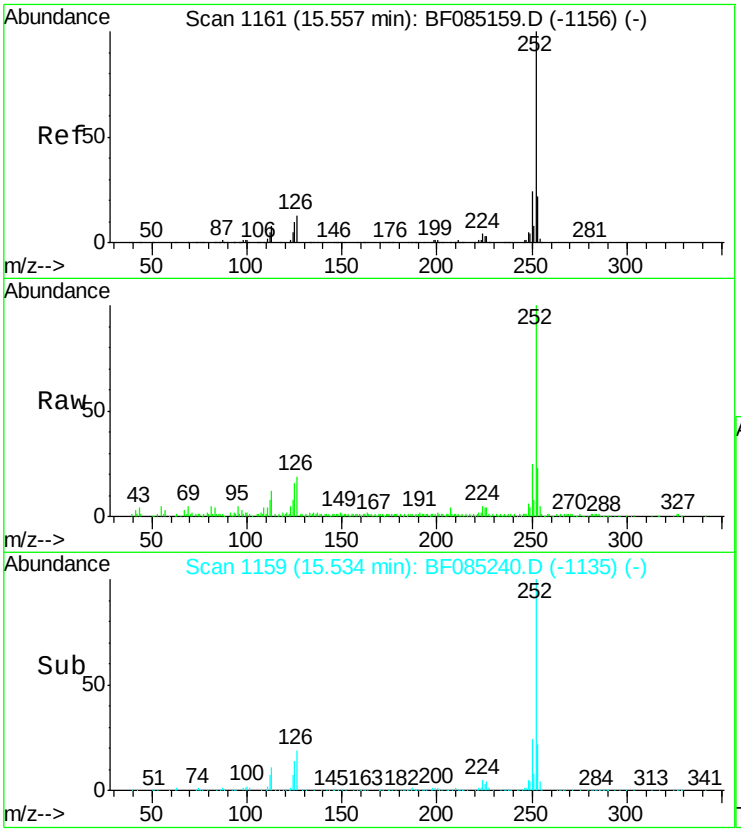


#88
Benzo(k)fluoranthene
Concen: 17.84 ng
RT: 15.17 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:252 Resp: 234172

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.9	10.4	15.6



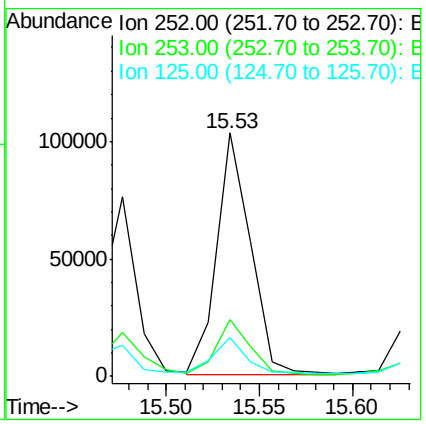


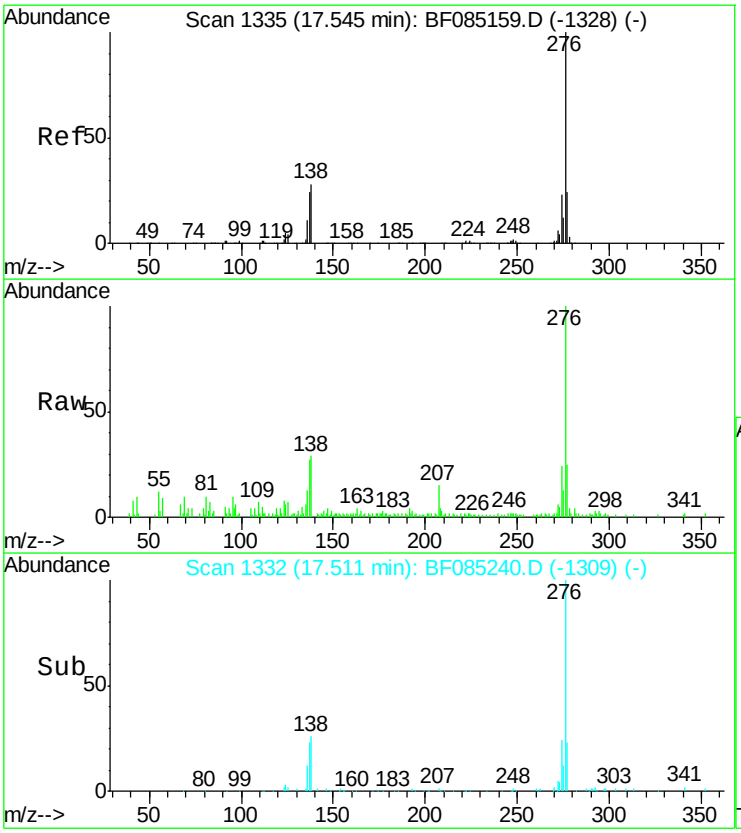
#89
Benzo(a)pyrene
Concen: 9.68 ng
RT: 15.53 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130539

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	16.0	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 5.41 ng
RT: 17.51 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BF085240.D
Acq: 5 Mar 2016 8:39

Tgt Ion:276 Resp: 62605

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	28.9	22.5	33.7