Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085771.D
Acq On : 25 Mar 2016 19:48
Operator : UM/SJ
Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Time: Mar 25 21:54:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	129235	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	495717	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	221667	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	357393	20.00	ng		0.00
75) Chrysene-d12	13.98	240	254321	20.00	ng		0.00
86) Perylene-d12	15.40	264	225690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	28972	3.73	ng		0.01
7) Phenol-d6	6.46	99	40228	4.08	ng		0.00
23) Nitrobenzene-d5	7.38	82	18674	2.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	6040	2.87	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	36292	2.74	ng		-0.01
78) Terphenyl-d14	12.93	244	26038	2.11	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.82	142	2920	Below Cal			93
49) Dimethylphthalate	9.58	163	138018	8.21	ng		100
56) 2,4-Dinitrotoluene	9.86	165	28432	6.18	ng	#	37
70) Phenanthrene	11.37	178	296208	16.14	ng		98
71) Anthracene	11.42	178	52442	2.72	ng		98
74) Fluoranthene	12.56	202	609202	31.23	ng		88
77) Pyrene	12.78	202	507161	24.26	ng		98
80) Benzo(a)anthracene	13.97	228	239772	16.53	ng		98
82) Chrysene	14.00	228	184771	12.65	ng		98
85) Indeno(1,2,3-cd)pyrene	16.78	276	105184	9.33	ng		94
87) Benzo(b)fluoranthene	15.00	252	360305	25.34	ng		99
88) Benzo(k)fluoranthene	15.00	252	360305	28.11	ng	#	98
89) Benzo(a)pyrene	15.34	252	173054	13.71	ng		98
91) Benzo(g,h,i)perylene	17.20	276	96314	8.11	ng		94

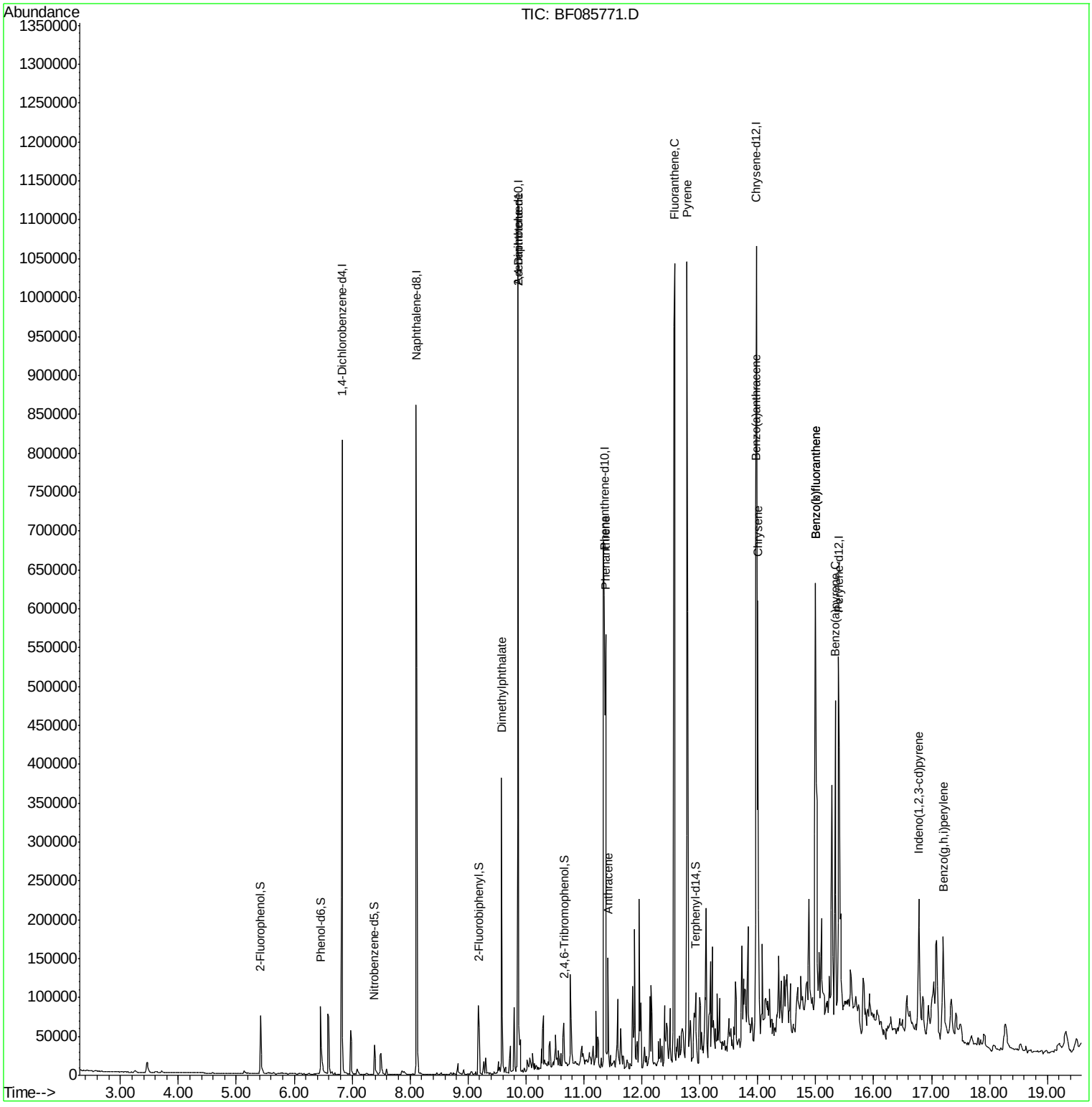
(#) = qualifier out of range (m) = manual integration (+) = signals summed

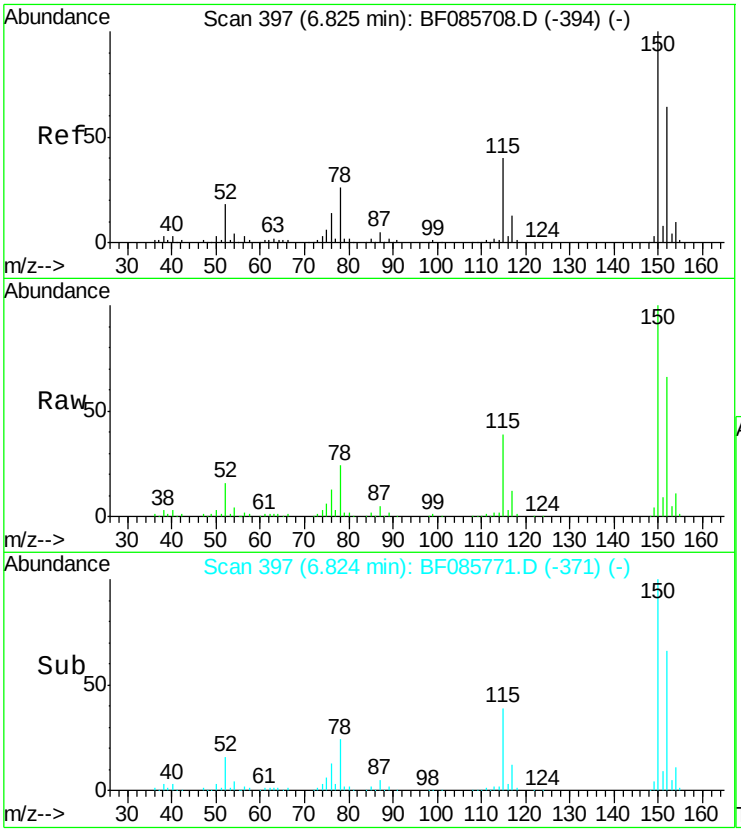
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085771.D
Acq On : 25 Mar 2016 19:48
Operator : UM/SJ
Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Time: Mar 25 21:54:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration



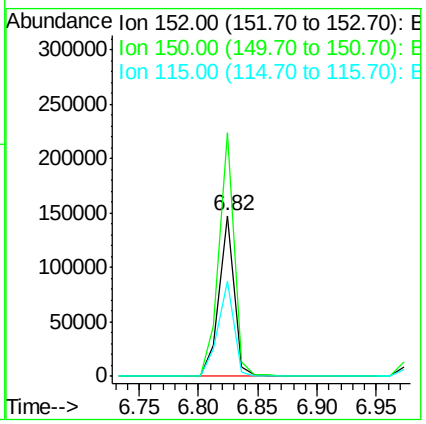


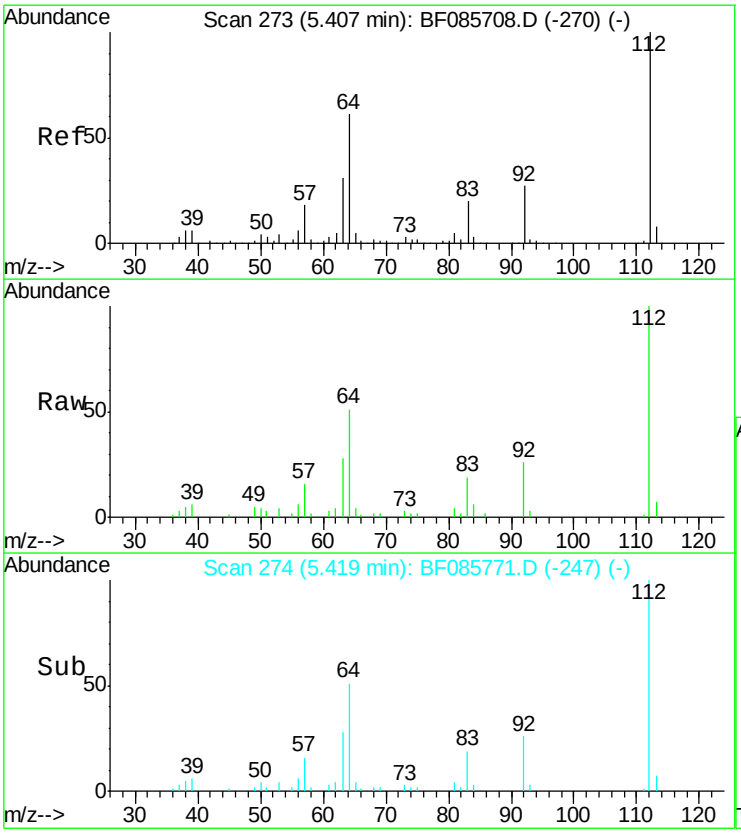
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 129235

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.2	186.2
115	59.0	47.0	70.6

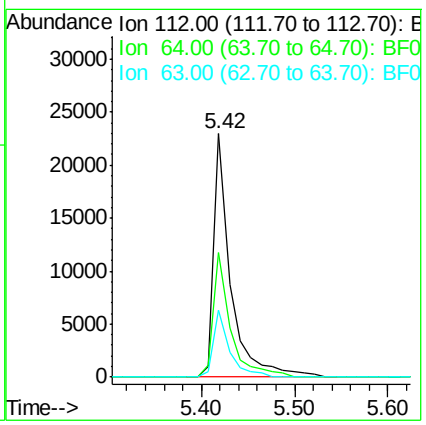


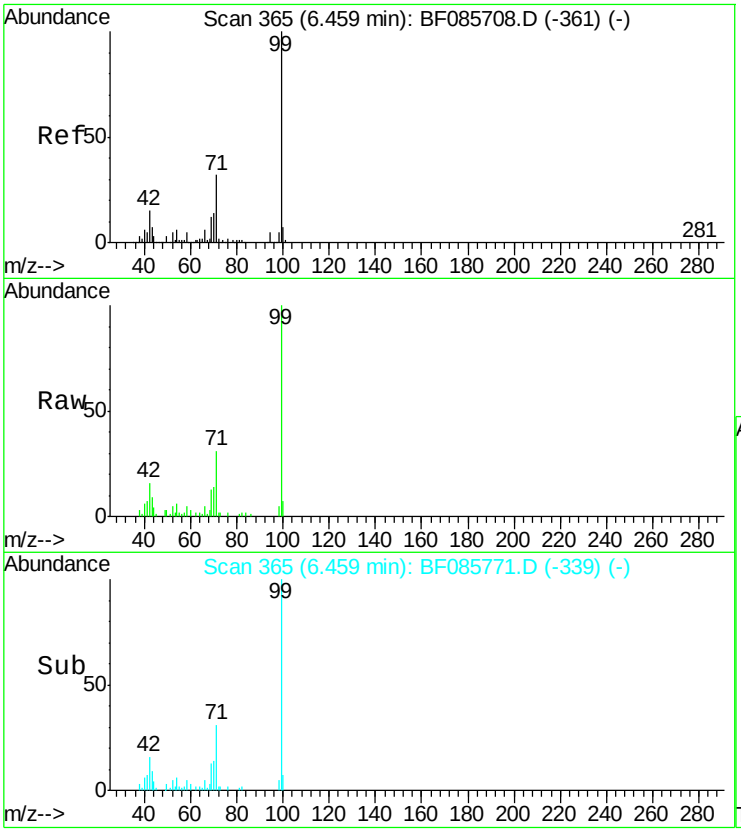


#5
2-Fluorophenol
Concen: 3.73 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:112 Resp: 28972

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.9	59.9
63	27.6	20.2	30.2



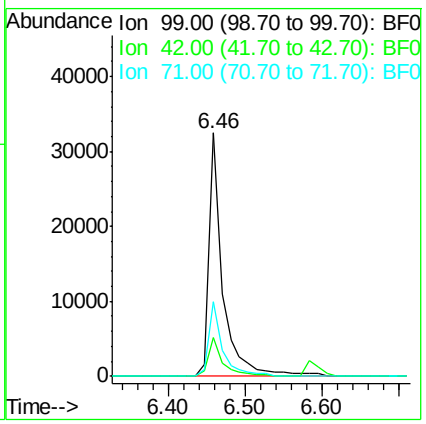


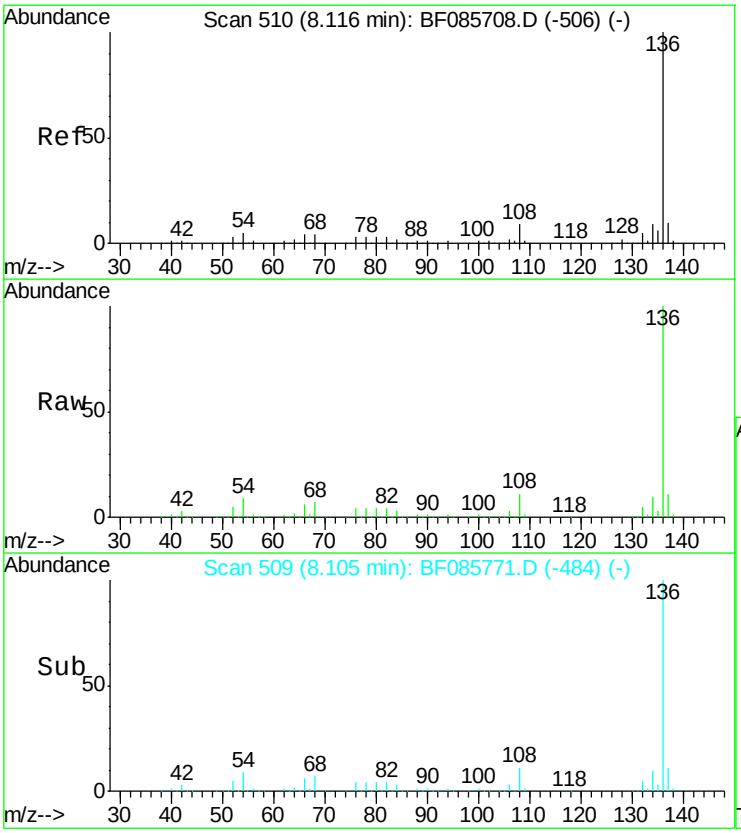
#7
Phenol-d6
Concen: 4.08 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion: 99 Resp: 40228

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.1	16.7
71	30.8	24.9	37.3

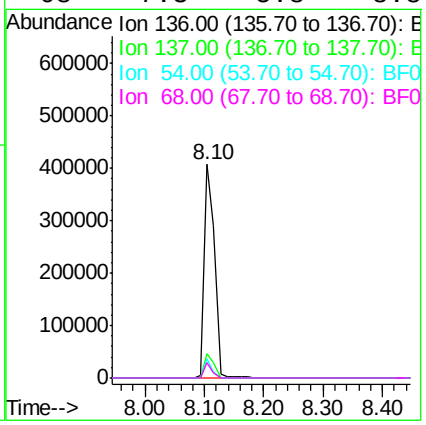


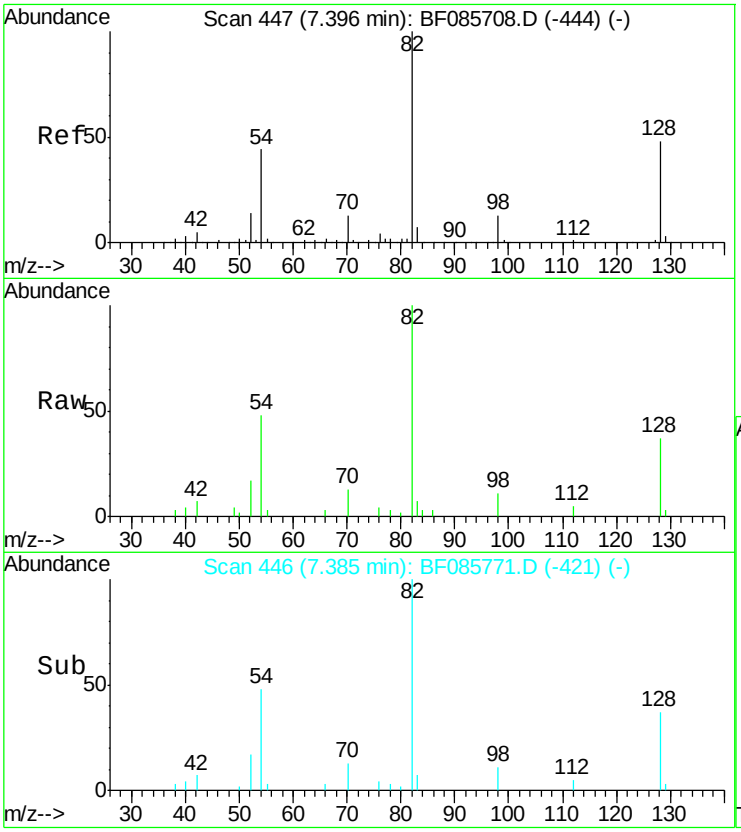


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:136 Resp: 495717

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.9	7.4	11.0
68	7.3	5.8	8.8



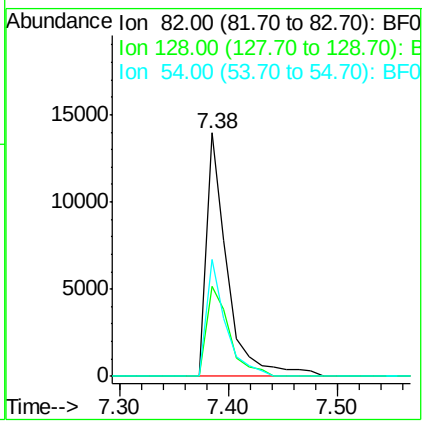


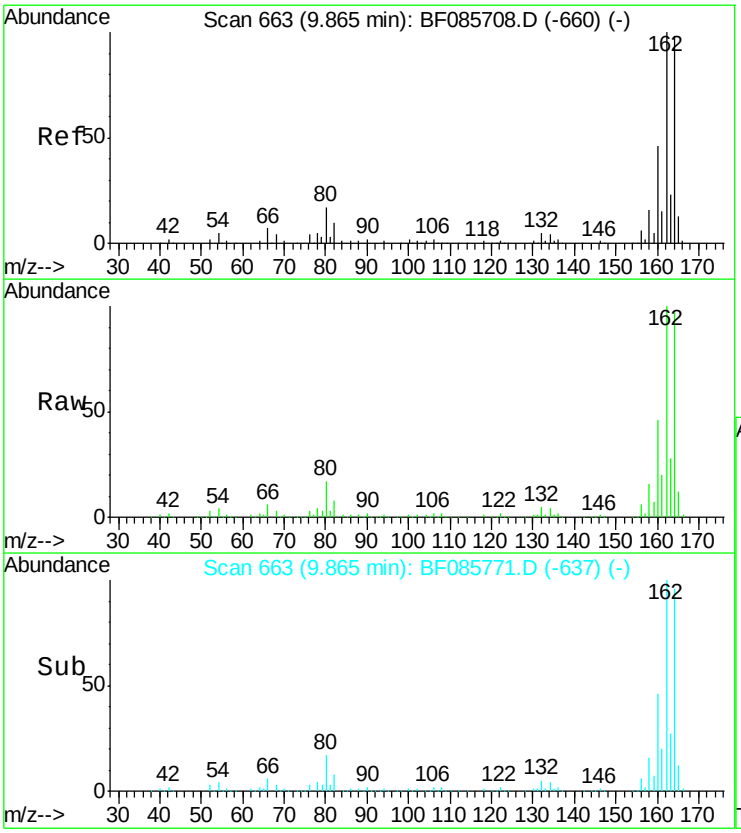
#23
Nitrobenzene-d5
Concen: 2.12 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion: 82 Resp: 18674

Ion	Ratio	Lower	Upper
82	100		
128	37.0	41.8	62.8#
54	47.8	33.4	50.0

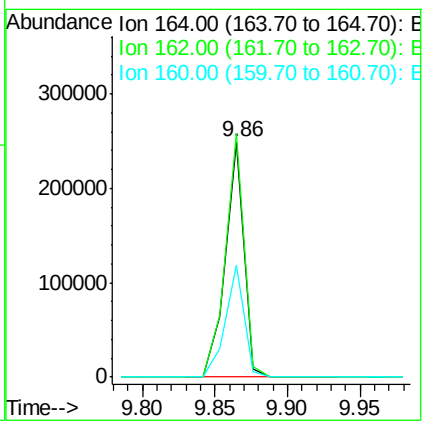


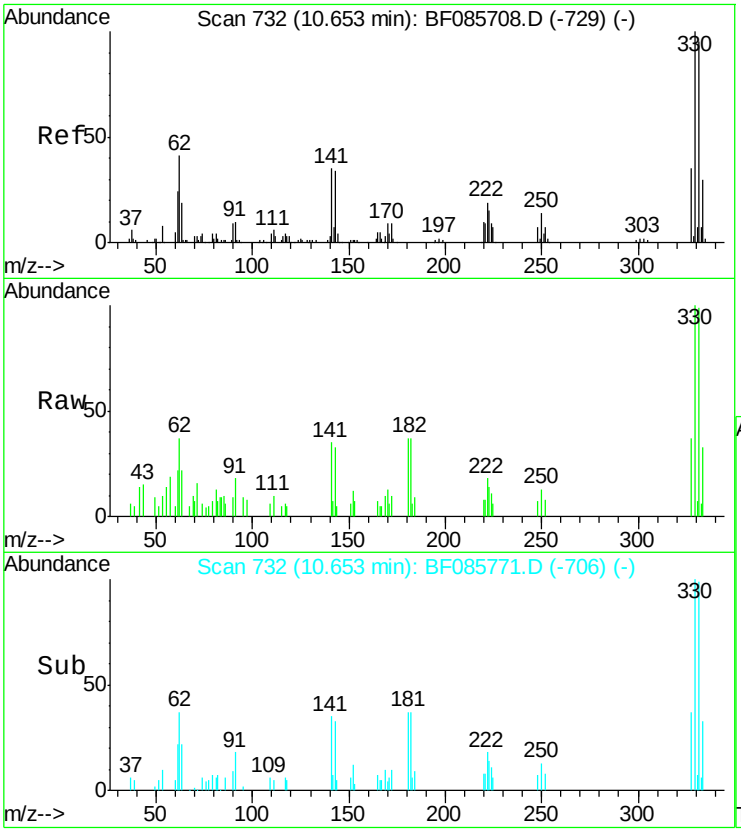


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:164 Resp: 221667

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.7	37.4	56.2



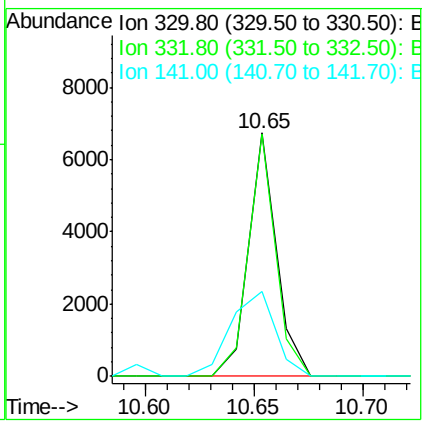


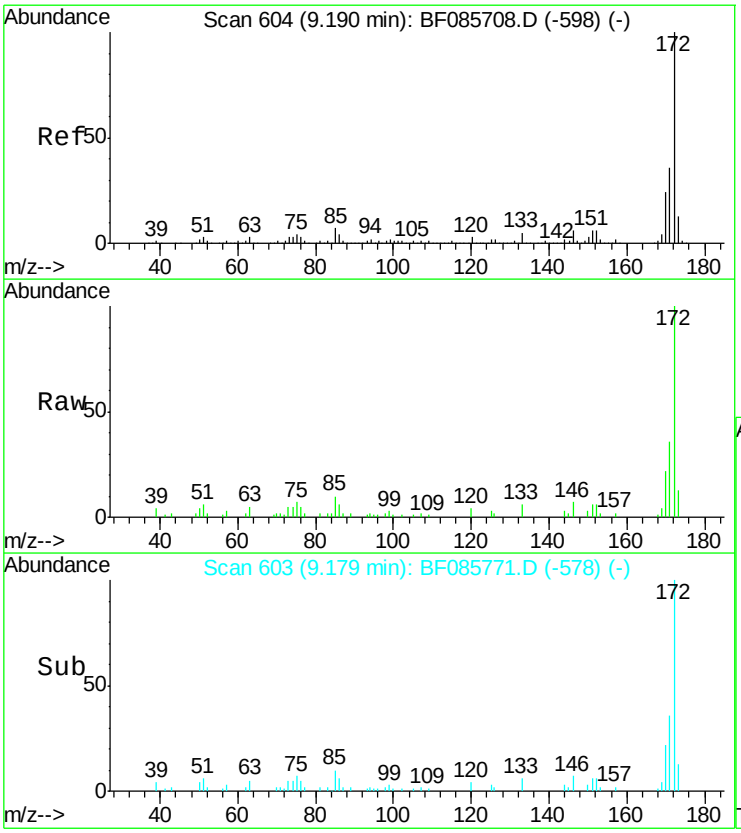
#41
2,4,6-Tribromophenol
Concen: 2.87 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:330 Resp: 6040

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	56.1	31.5	47.3#

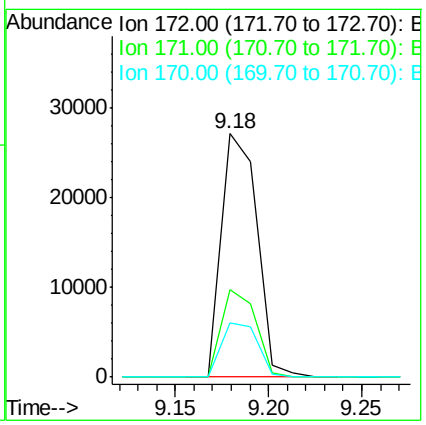


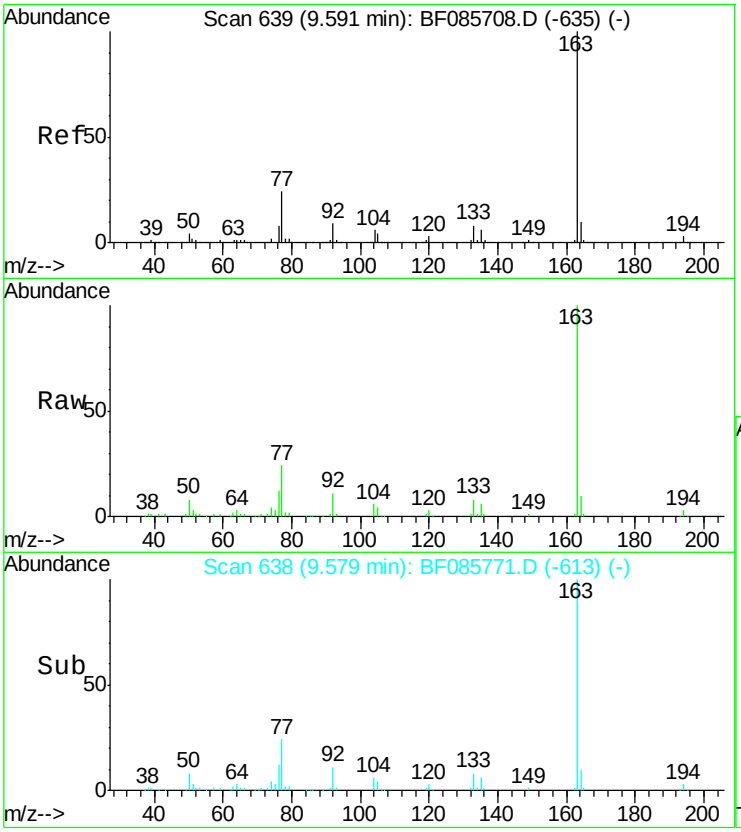


#44
2-Fluorobiphenyl
Concen: 2.74 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:172 Resp: 36292

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	22.5	19.8	29.6



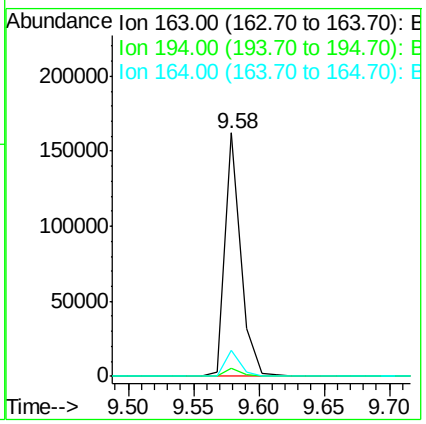


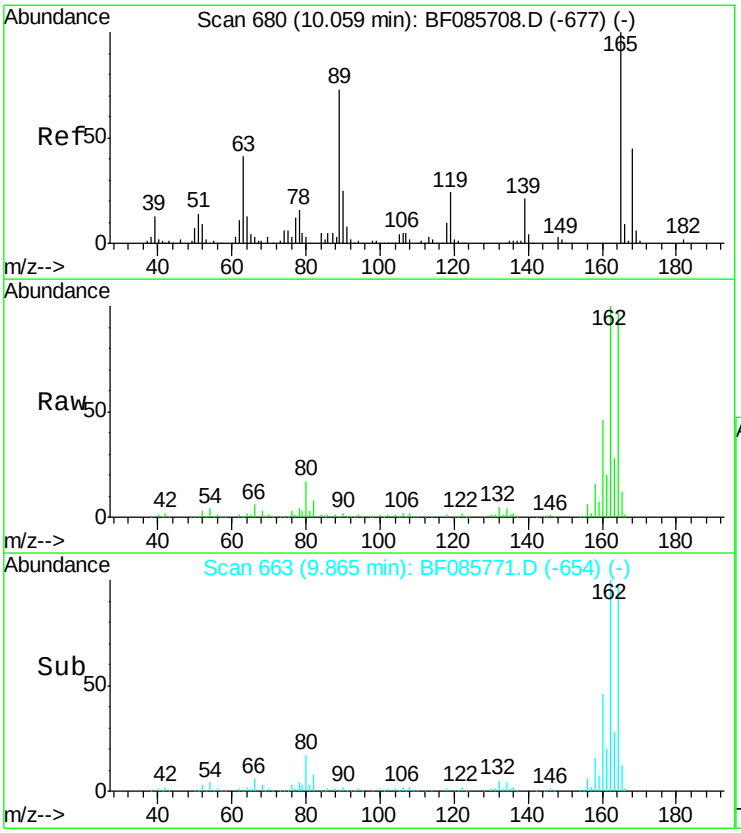
#49
Dimethylphthalate
Concen: 8.21 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:163 Resp: 138018

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

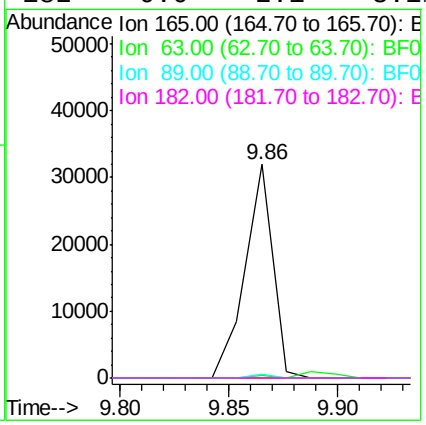


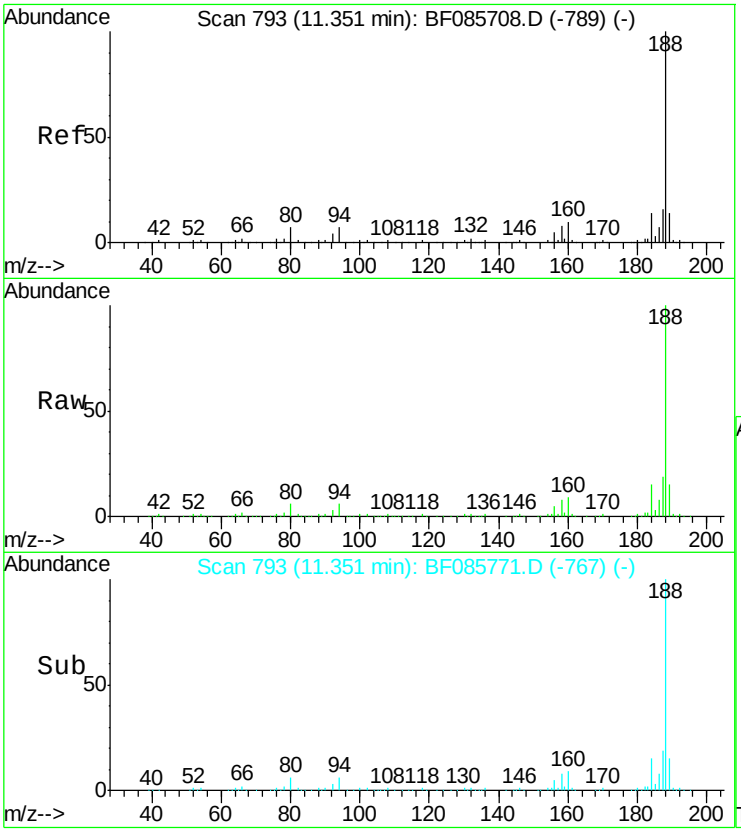


#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:165 Resp: 28432

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#



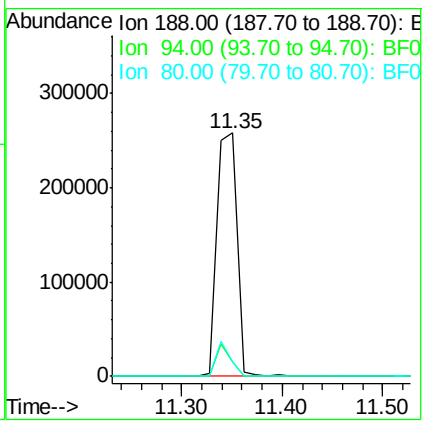


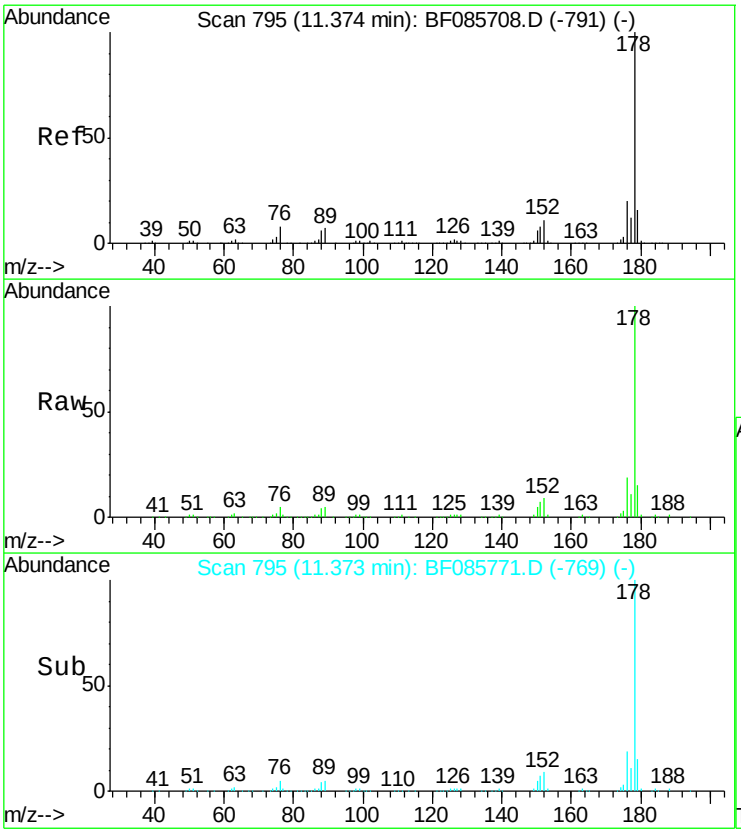
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:188 Resp: 357393

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.0
80	5.8	5.5	8.3

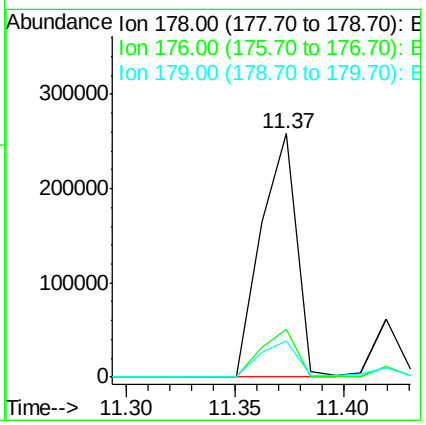


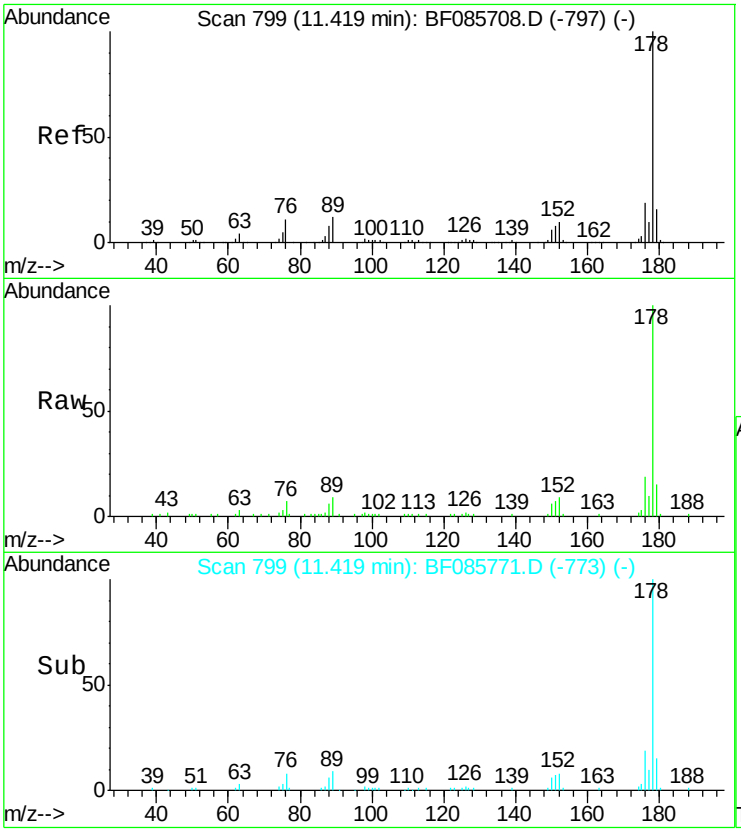


#70
Phenanthrene
Concen: 16.14 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:178 Resp: 296208

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.1	12.6	18.8



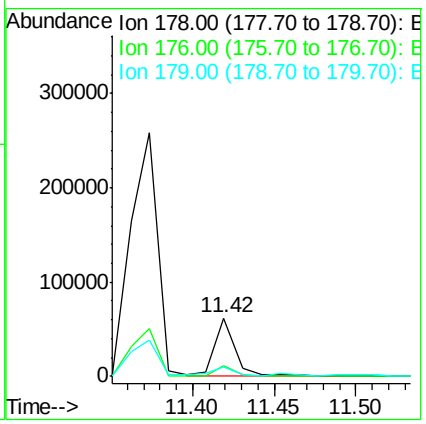


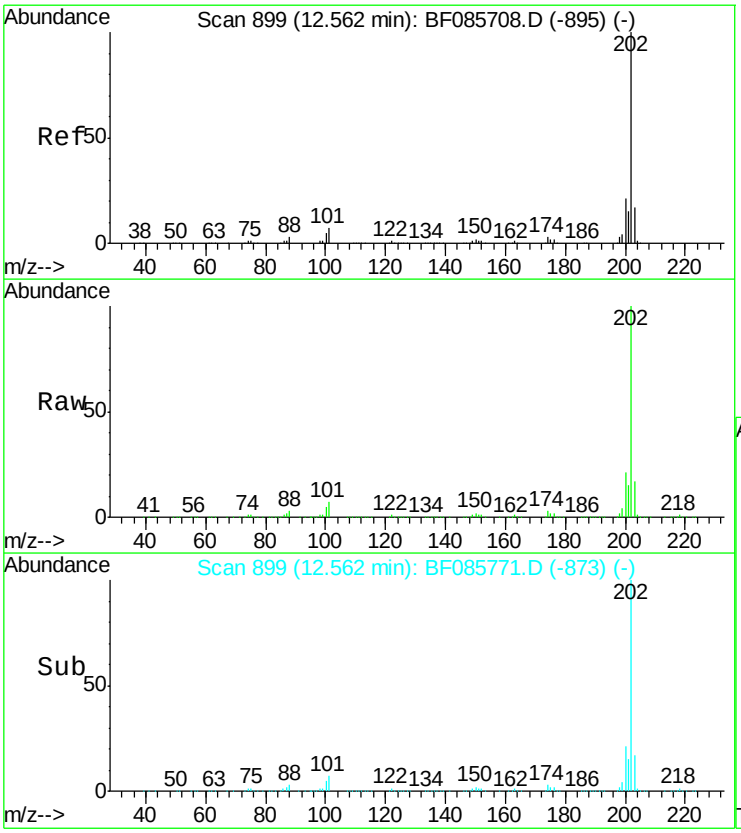
#71
Anthracene
Concen: 2.72 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:178 Resp: 52442

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.4	13.0	19.4

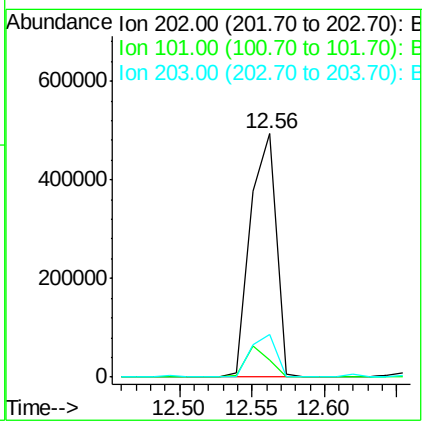


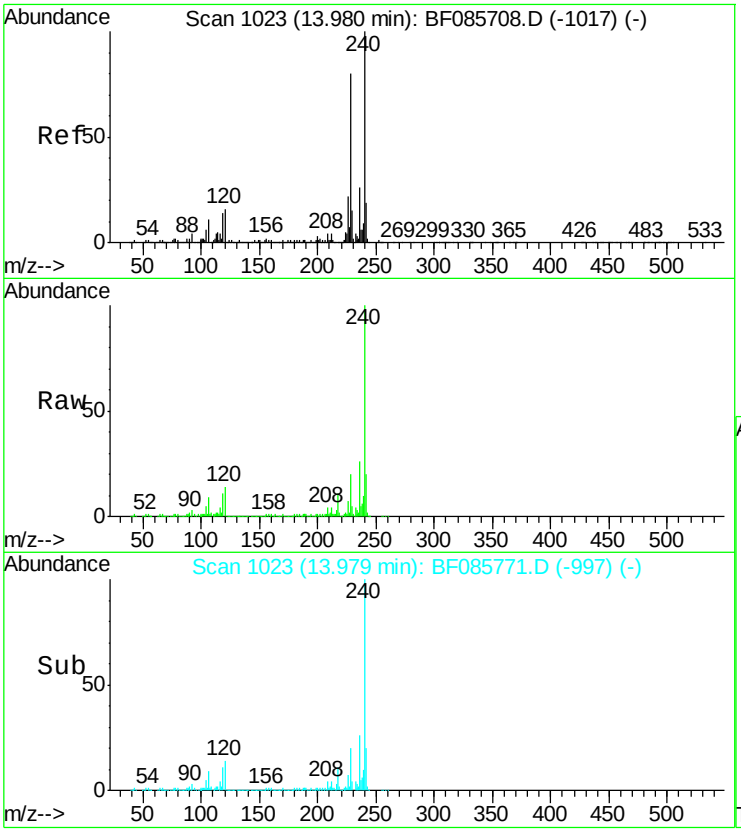


#74
Fluoranthene
Concen: 31.23 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:202 Resp: 609202

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	36.6
203	17.3	0.0	38.1



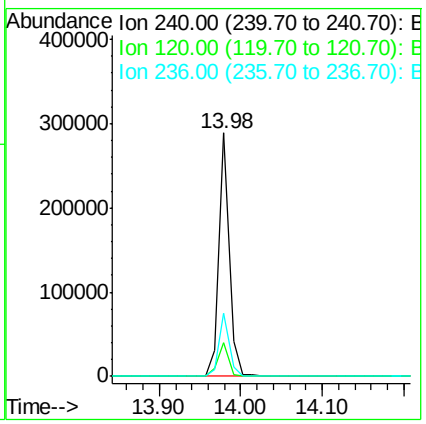


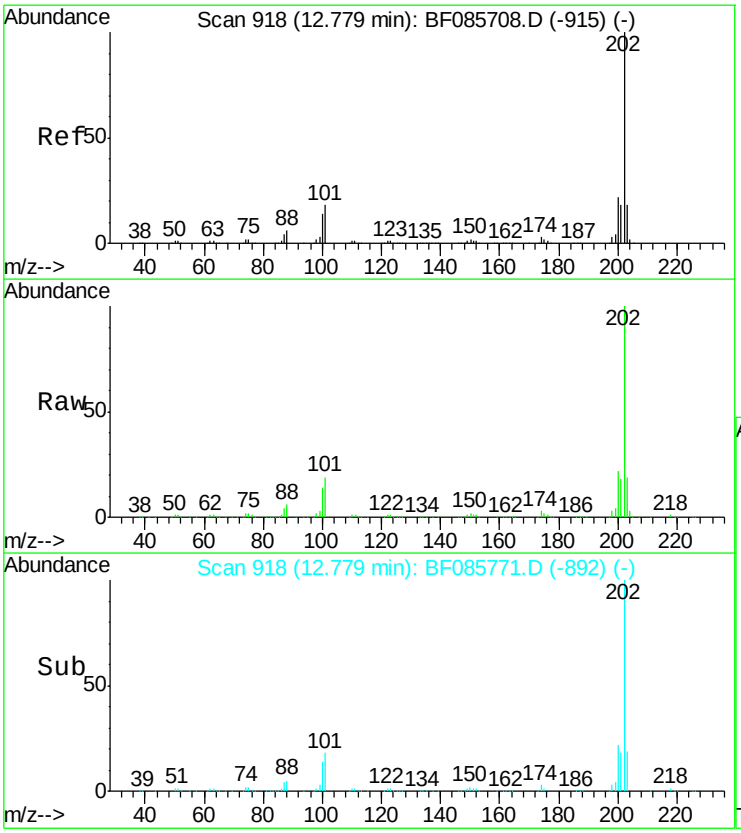
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:240 Resp: 254321

Ion	Ratio	Lower	Upper
240	100		
120	13.6	13.8	20.8#
236	25.8	20.6	30.8

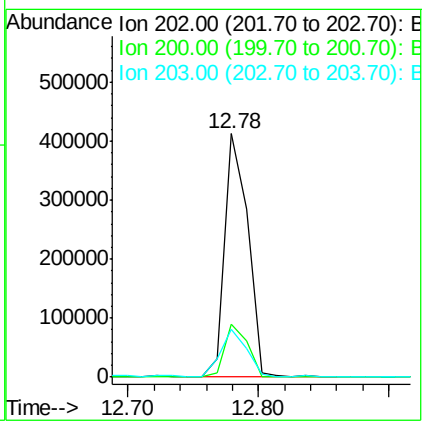


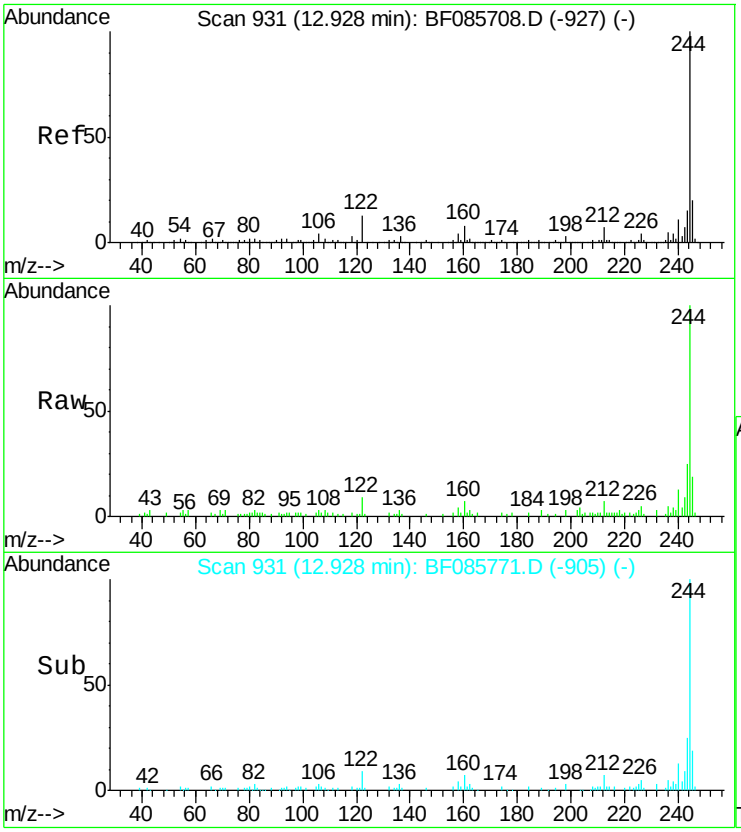


#77
Pyrene
Concen: 24.26 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:202 Resp: 507161

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	19.4	14.0	21.0



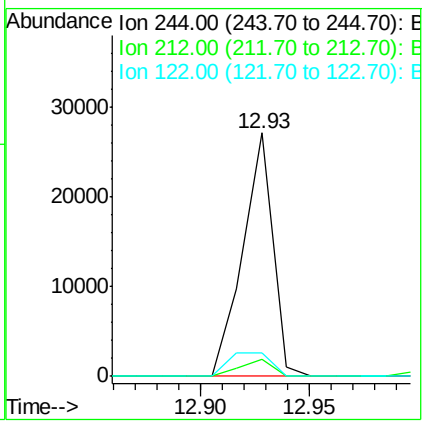


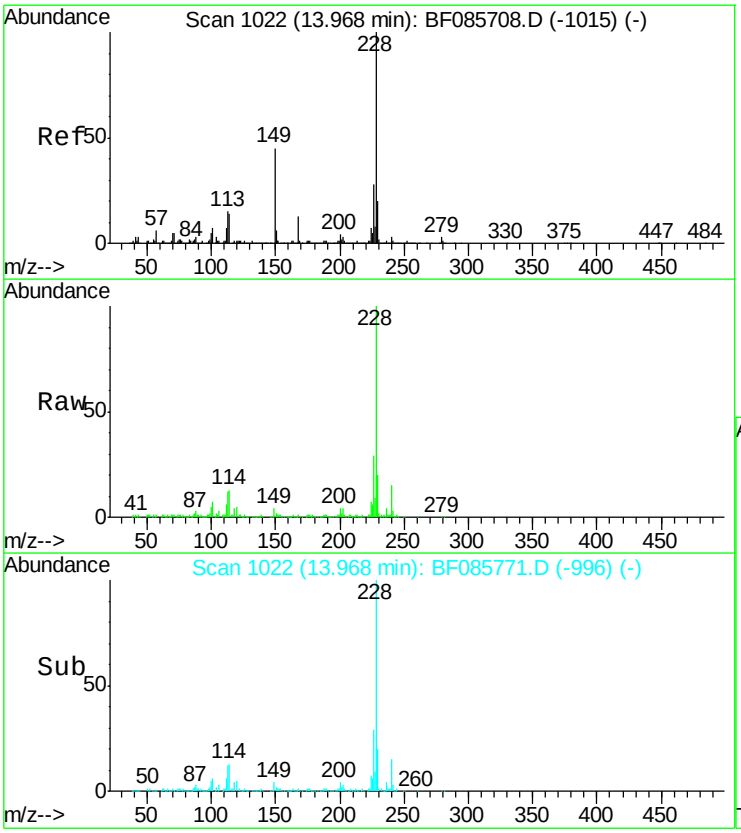
#78
Terphenyl-d14
Concen: 2.11 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:244 Resp: 26038

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.4	10.2	15.4#

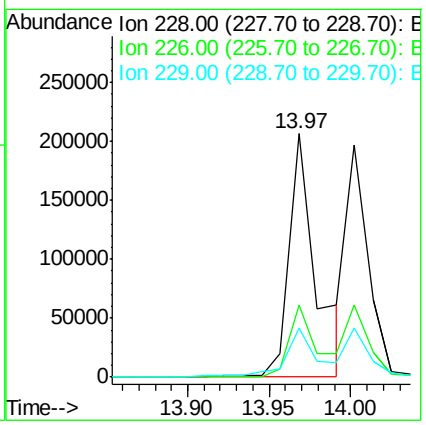


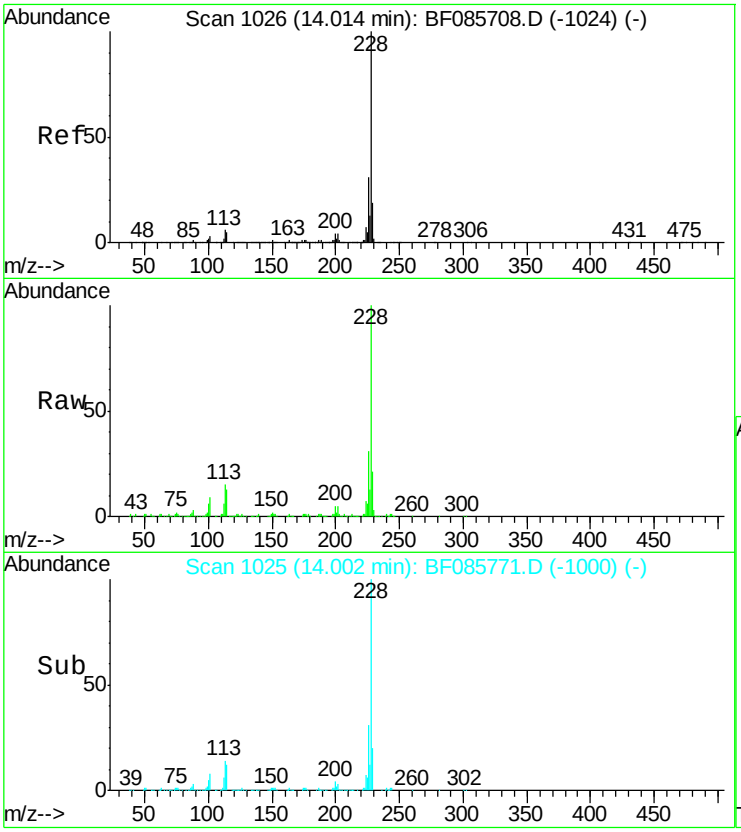


#80
Benzo(a)anthracene
Concen: 16.53 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:228 Resp: 239772

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	20.4	16.2	24.4



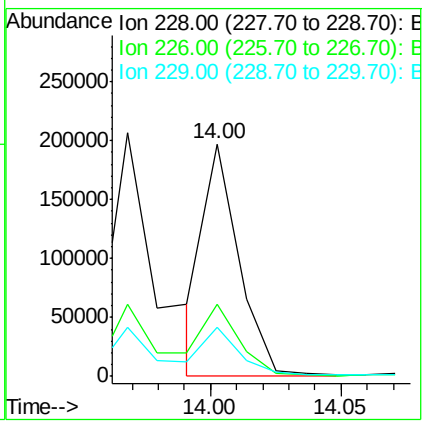


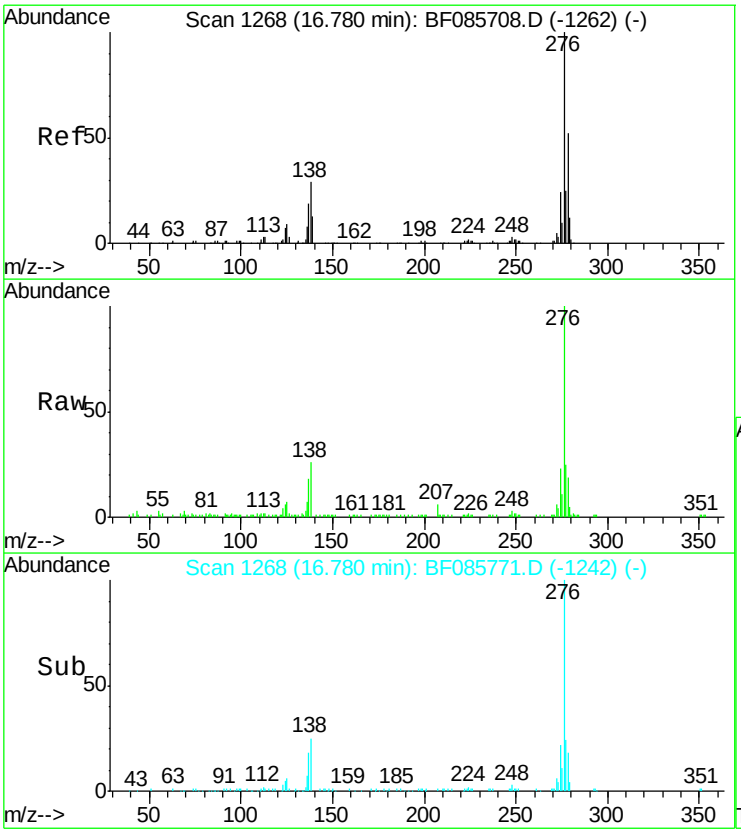
#82
Chrysene
Concen: 12.65 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:228 Resp: 184771

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.2	15.7	23.5

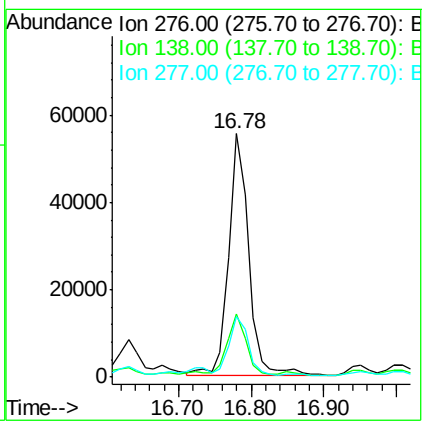


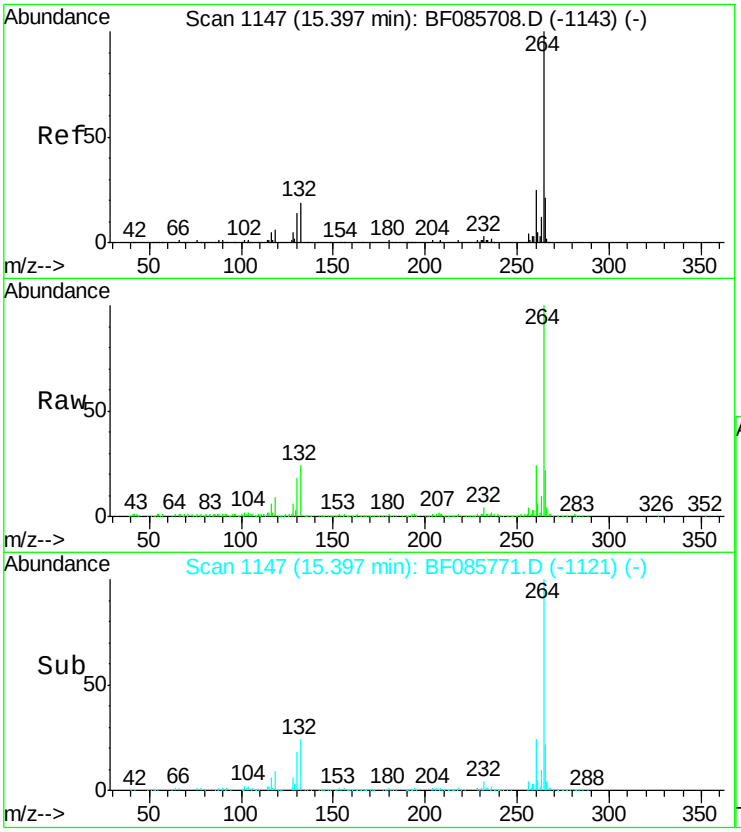


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.33 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:276 Resp: 105184

Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.2	36.4
277	26.8	20.0	30.0



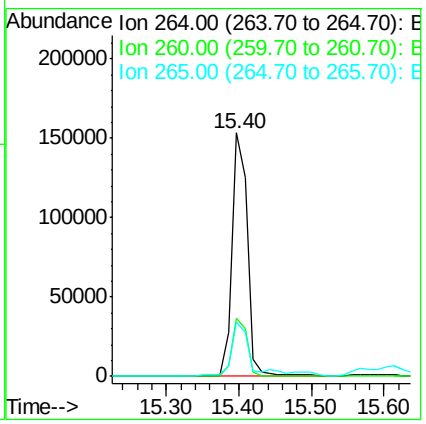


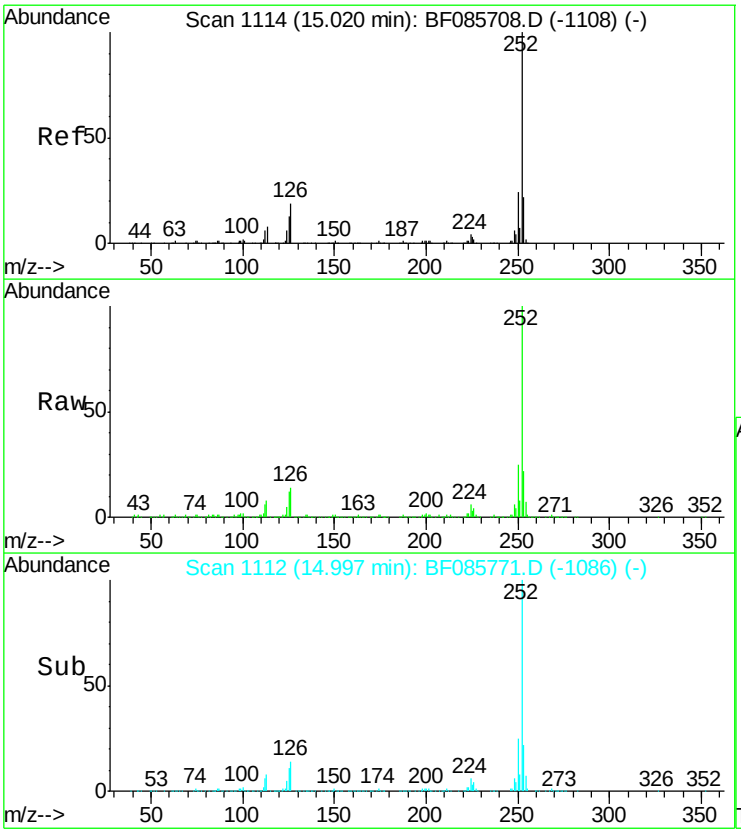
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:264 Resp: 225690

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.2	25.8

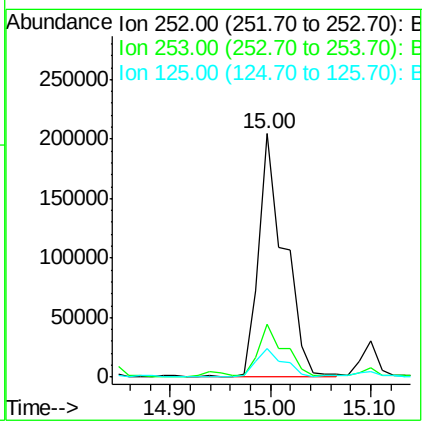


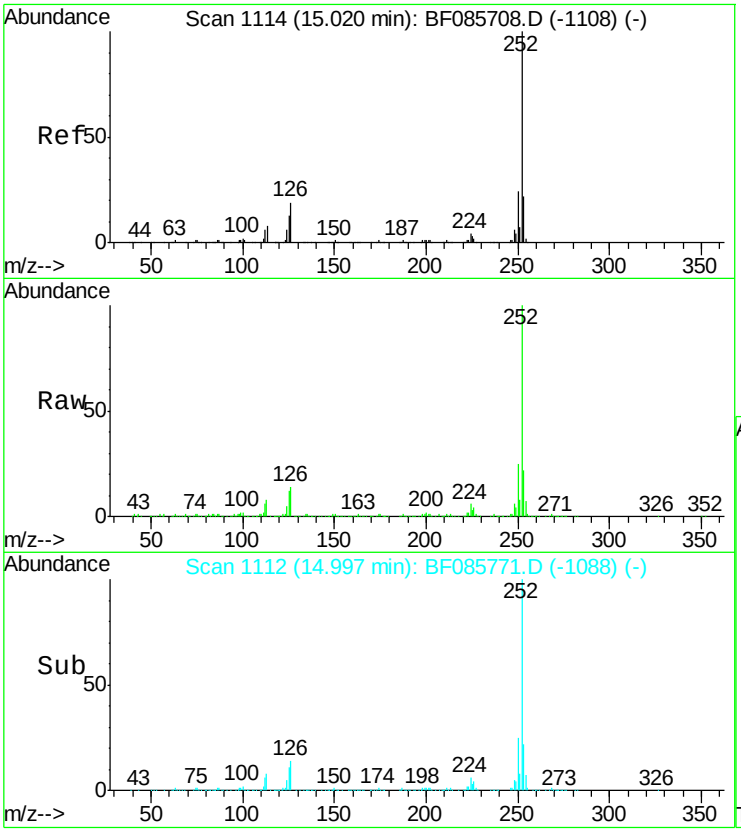


#87
Benzo(b)fluoranthene
Concen: 25.34 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:252 Resp: 360305

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.7	10.3	15.5



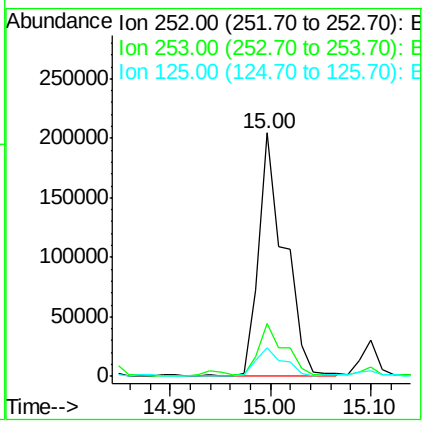


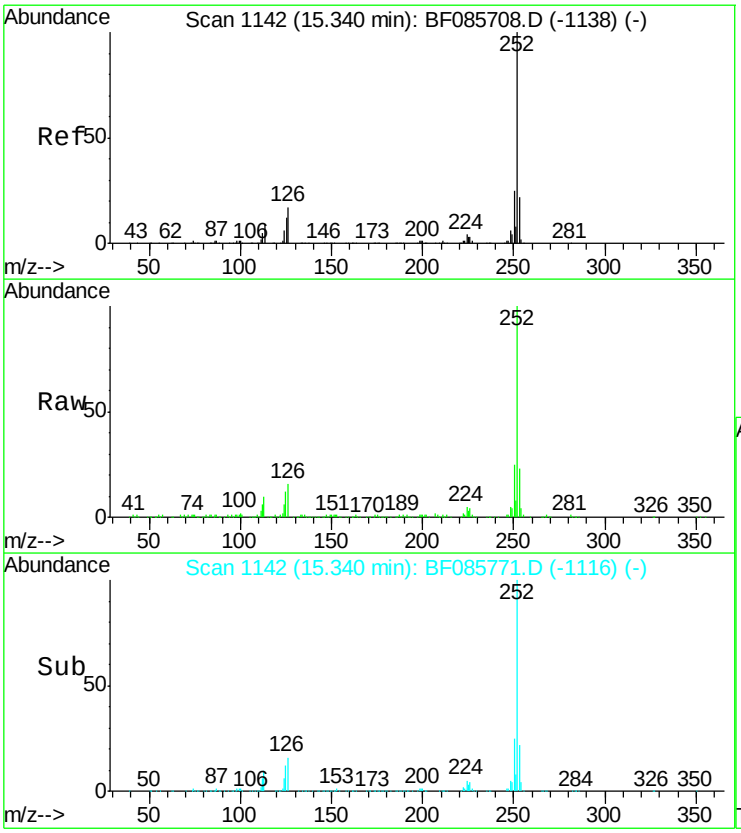
#88
Benzo(k)fluoranthene
Concen: 28.11 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:252 Resp: 360305

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.7	7.7	11.5#

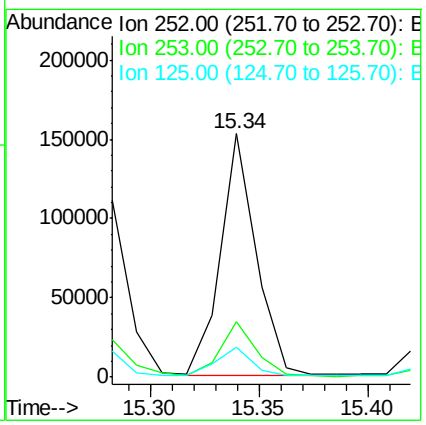


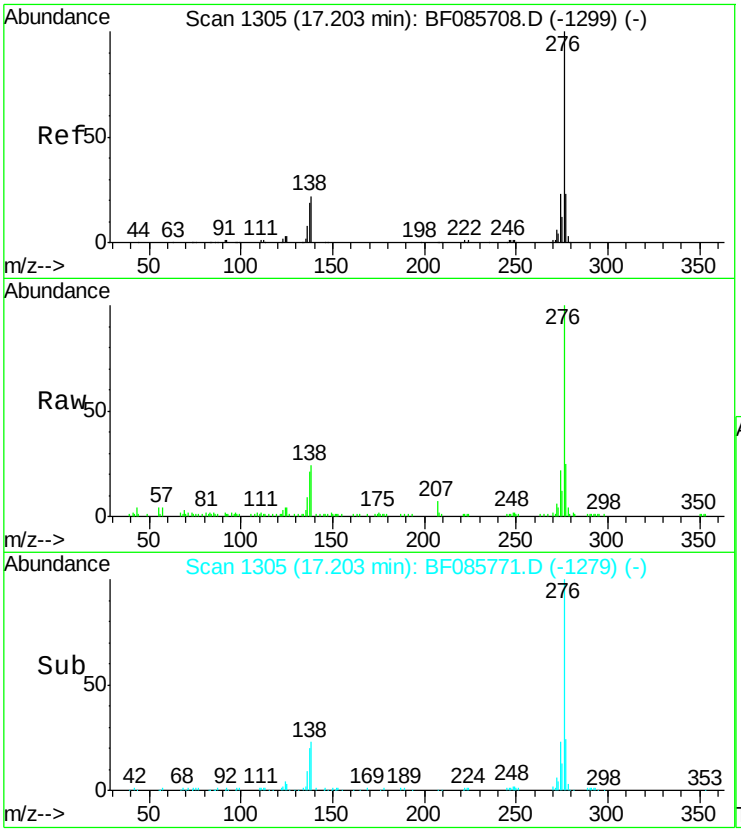


#89
Benzo(a)pyrene
Concen: 13.71 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion:252 Resp: 173054

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.3	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 8.11 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:276 Resp: 96314

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	23.6	22.6	34.0