Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085776.D
Acq On : 25 Mar 2016 22:12
Operator : UM/SJ
Sample : H1855-12 2X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7A

Quant Time: Mar 25 21:56:02 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	124204	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	454995	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	194244	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	282952	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	256541	20.00	ng		0.00
86) Perylene-d12	15.40	264	226857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	26862	3.60	ng		0.01
7) Phenol-d6	6.46	99	36782	3.88	ng		0.00
23) Nitrobenzene-d5	7.38	82	17400	2.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	4847	2.63	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	30801	2.65	ng		0.00
78) Terphenyl-d14	12.93	244	20037	1.61	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.82	142	4961	Below Cal			93
49) Dimethylphthalate	9.58	163	120299	8.16	ng		99
56) 2,4-Dinitrotoluene	9.86	165	25061	6.22	ng	#	37
70) Phenanthrene	11.36	178	57219	3.94	ng		99
74) Fluoranthene	12.55	202	159308	10.32	ng		97
77) Pyrene	12.78	202	148422	7.04	ng		100
80) Benzo(a)anthracene	13.97	228	97536	6.67	ng		95
82) Chrysene	14.00	228	61840	4.20	ng		98
87) Benzo(b)fluoranthene	15.00	252	149559	10.47	ng		98
88) Benzo(k)fluoranthene	15.00	252	149559	11.61	ng	#	98
89) Benzo(a)pyrene	15.34	252	75975	5.99	ng		97
91) Benzo(g,h,i)perylene	17.19	276	37654	3.15	ng		98

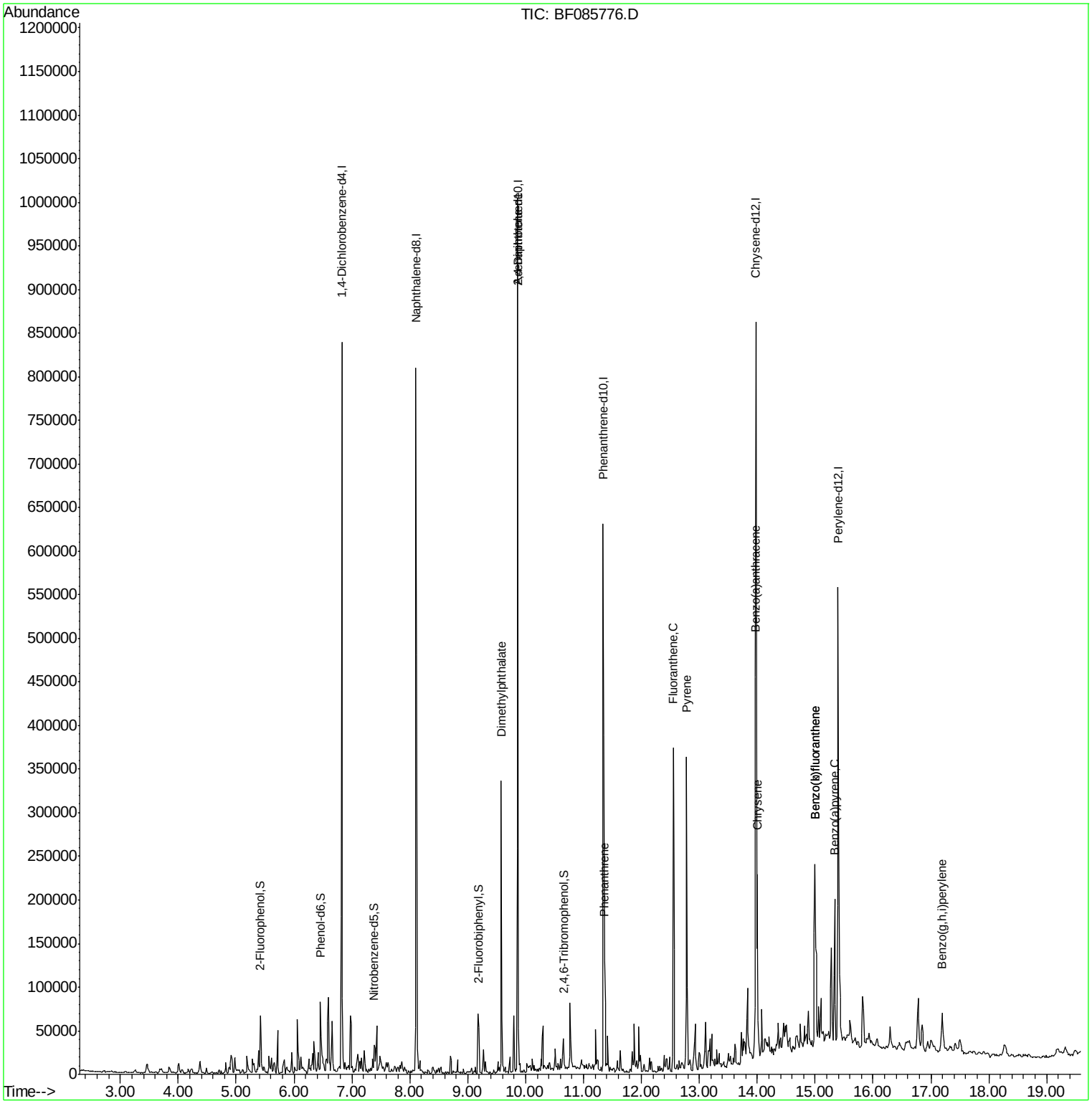
(#) = qualifier out of range (m) = manual integration (+) = signals summed

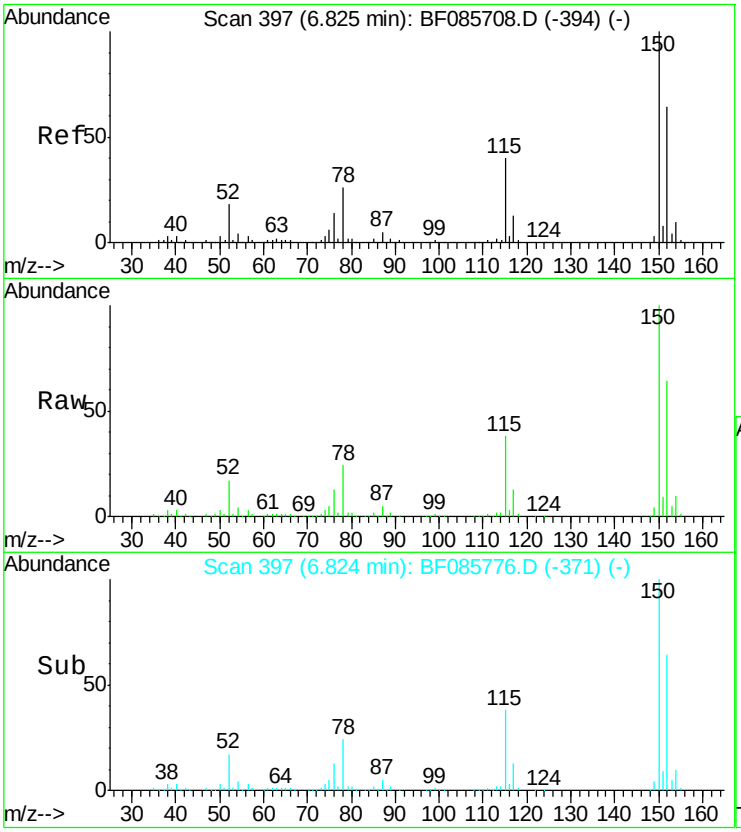
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085776.D
Acq On : 25 Mar 2016 22:12
Operator : UM/SJ
Sample : H1855-12 2X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7A

Quant Time: Mar 25 21:56:02 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



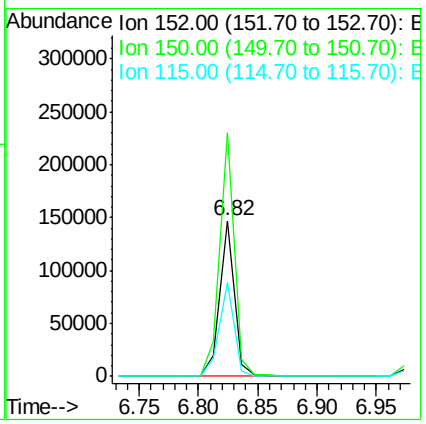


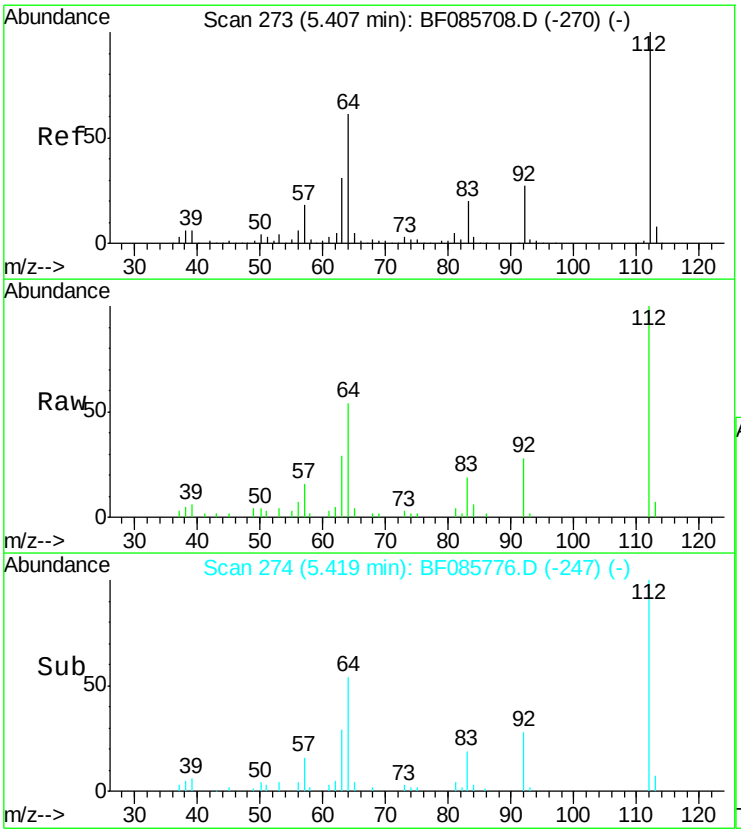
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:152 Resp: 124204

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	60.1	47.0	70.6

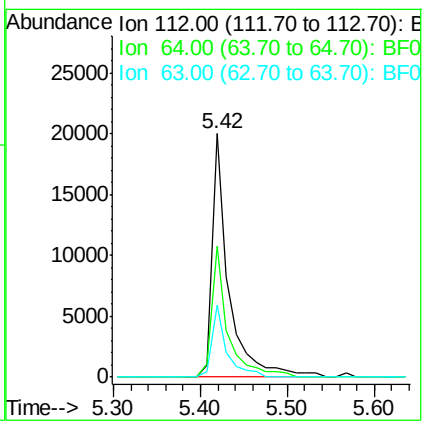


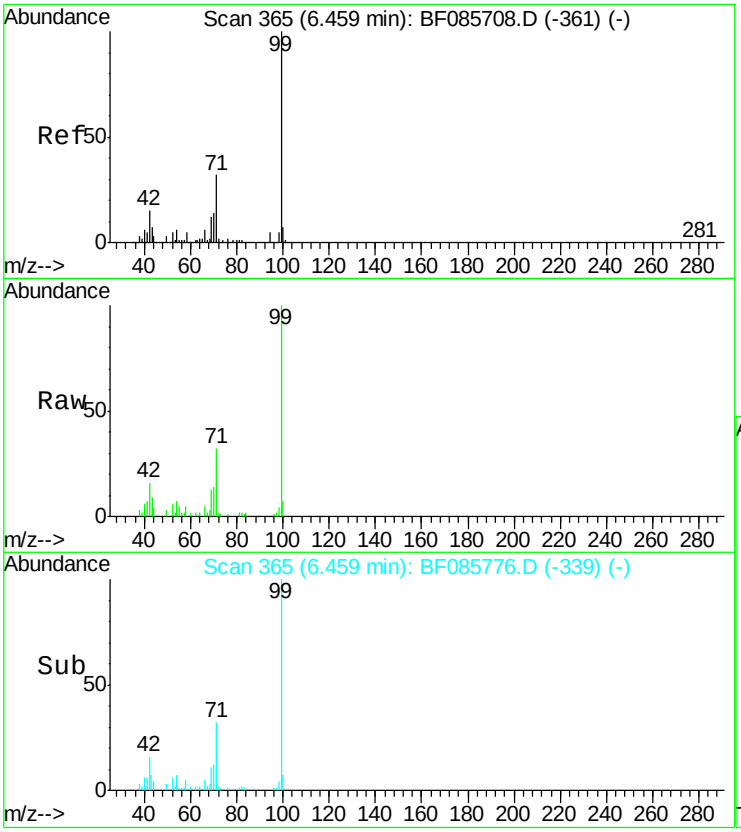


#5
2-Fluorophenol
Concen: 3.60 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:112 Resp: 26862

Ion	Ratio	Lower	Upper
112	100		
64	53.6	39.9	59.9
63	29.4	20.2	30.2



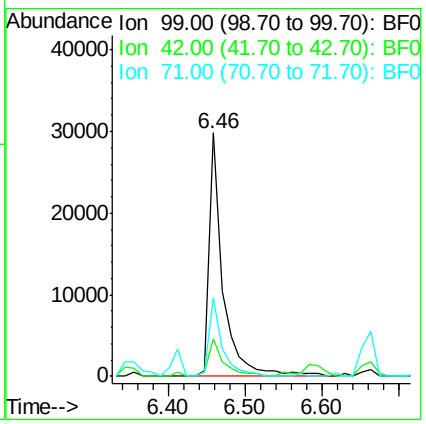


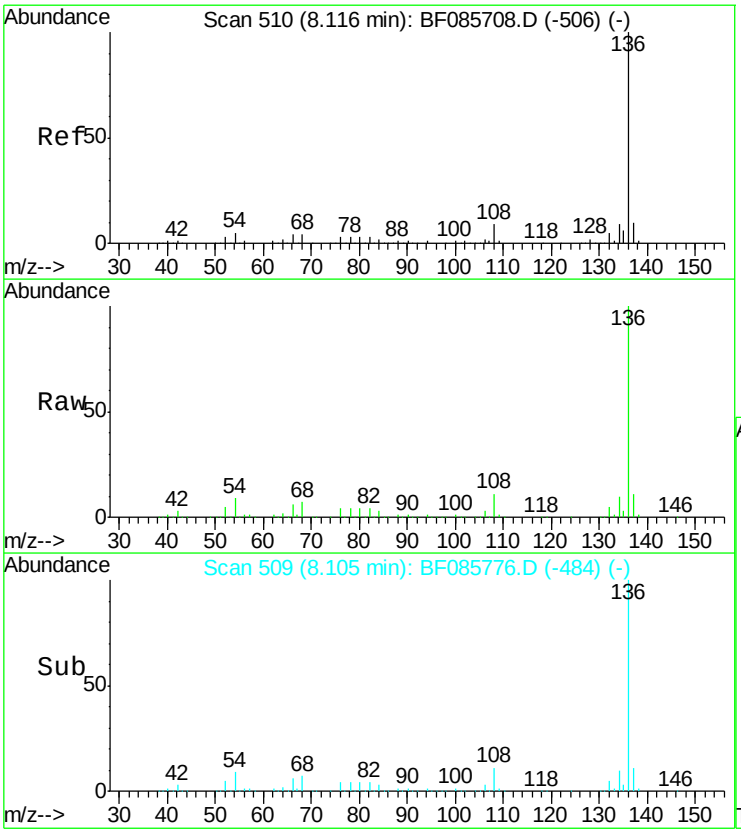
#7
Phenol-d6
Concen: 3.88 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion: 99 Resp: 36782

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.1	16.7
71	32.4	24.9	37.3

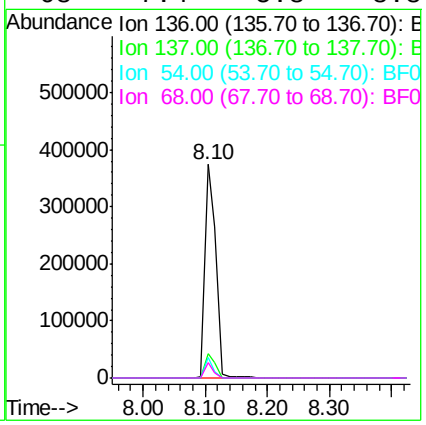


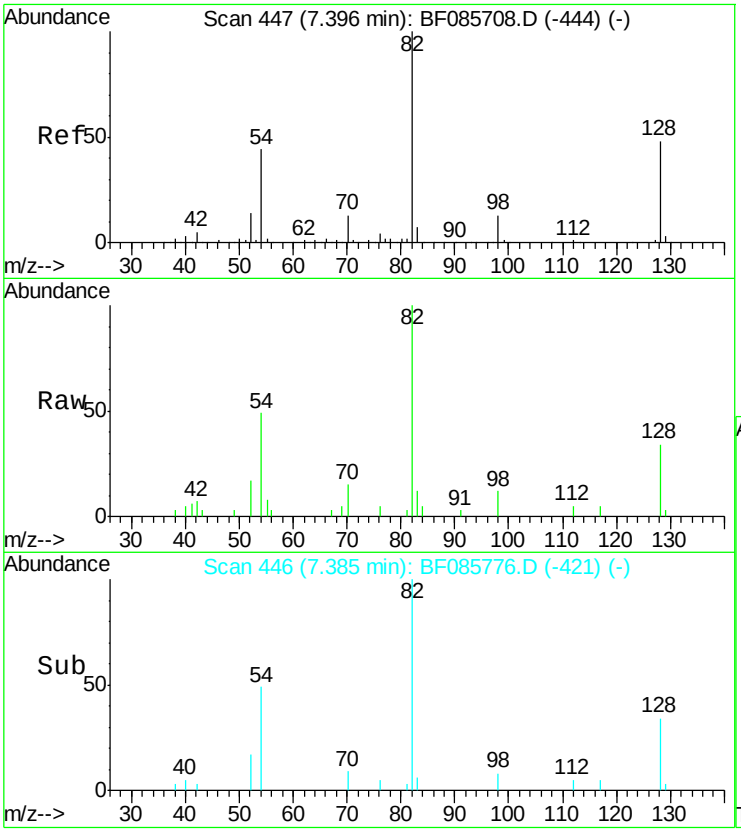


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:136 Resp: 454995

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	7.4	11.0
68	7.4	5.8	8.8



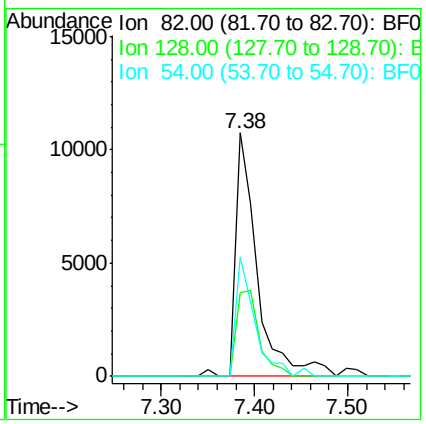


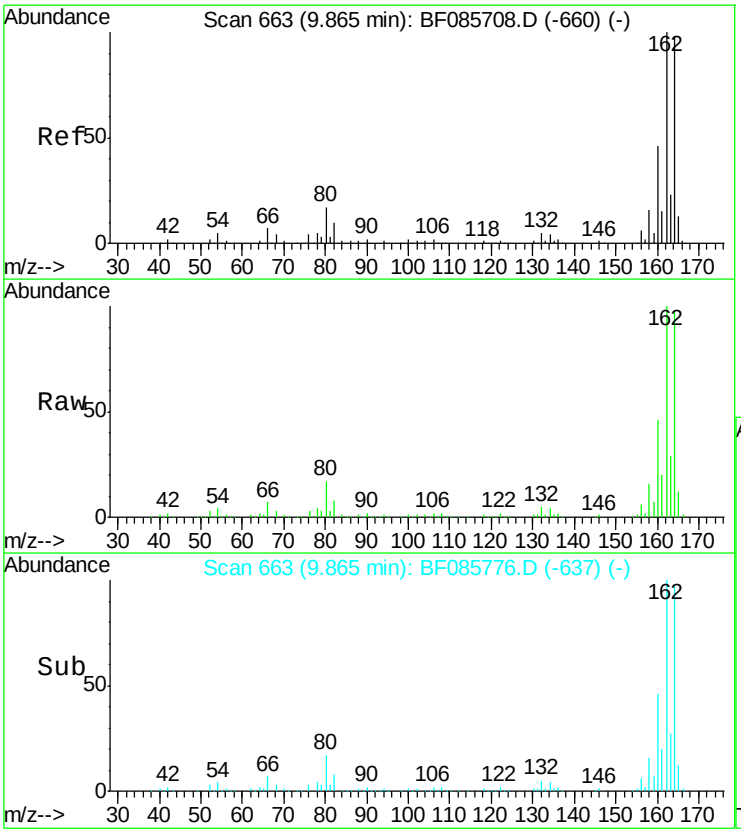
#23
Nitrobenzene-d5
Concen: 2.15 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion: 82 Resp: 17400

Ion	Ratio	Lower	Upper
82	100		
128	34.2	41.8	62.8#
54	49.1	33.4	50.0

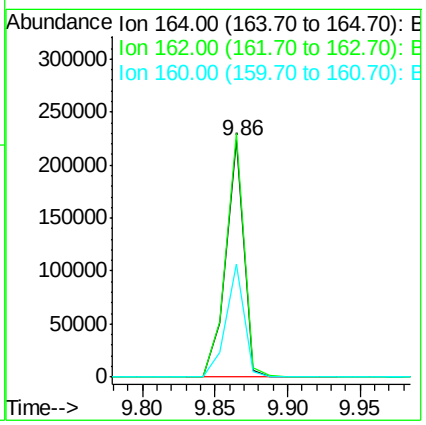


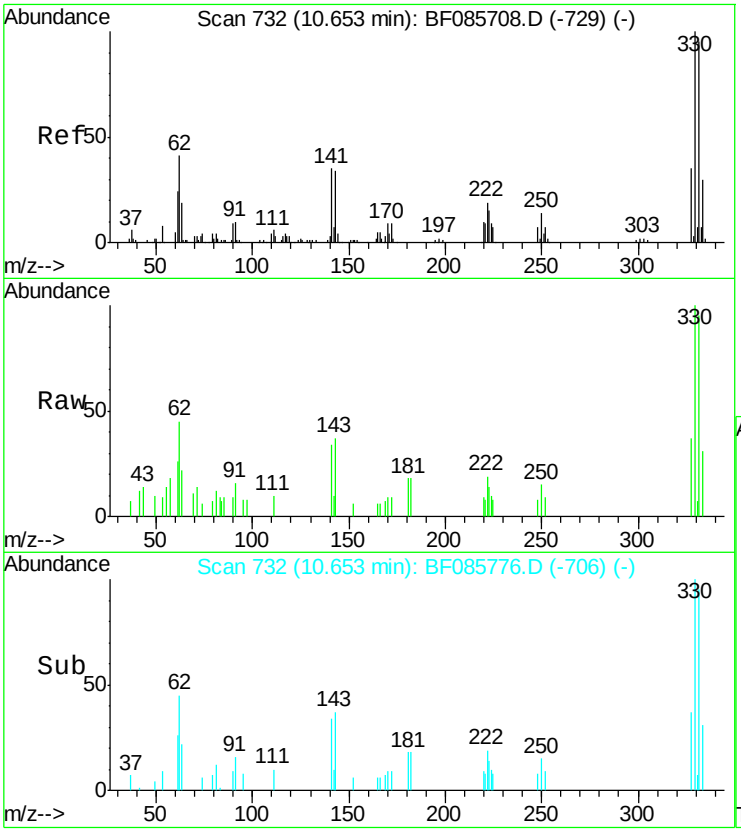


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:164 Resp: 194244

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.8	37.4	56.2



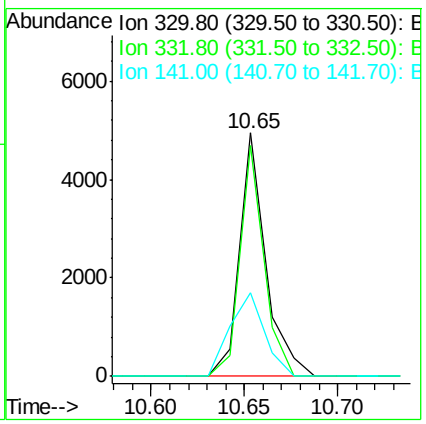


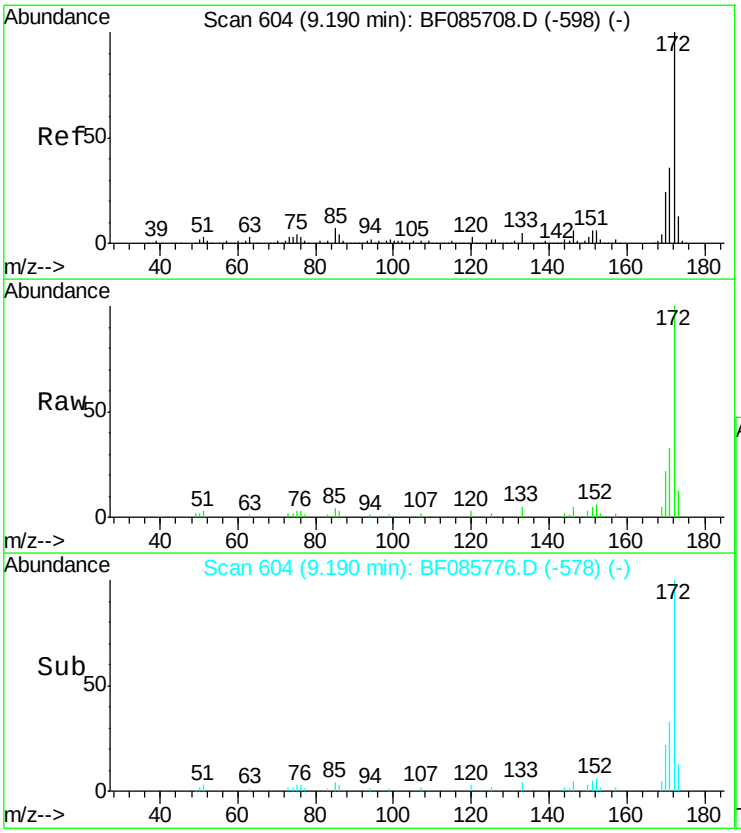
#41
2,4,6-Tribromophenol
Concen: 2.63 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:330 Resp: 4847

Ion	Ratio	Lower	Upper
330	100		
332	86.4	78.2	117.2
141	45.1	31.5	47.3

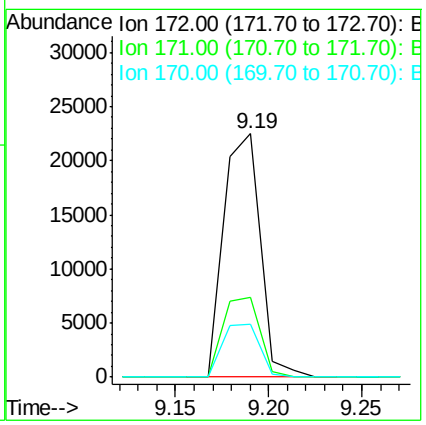


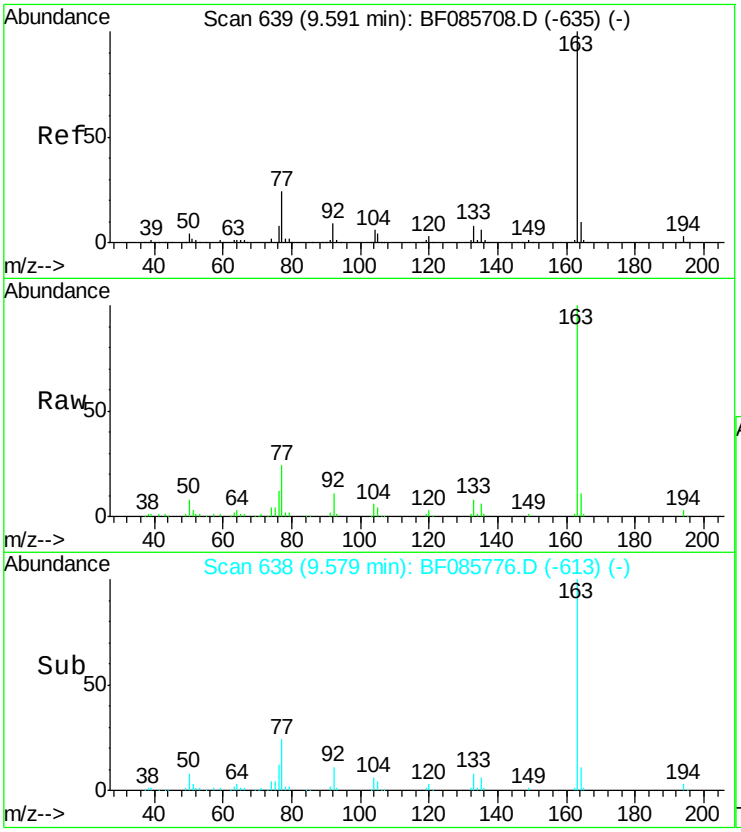


#44
2-Fluorobiphenyl
Concen: 2.65 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:172 Resp: 30801

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.4	44.2
170	22.0	19.8	29.6



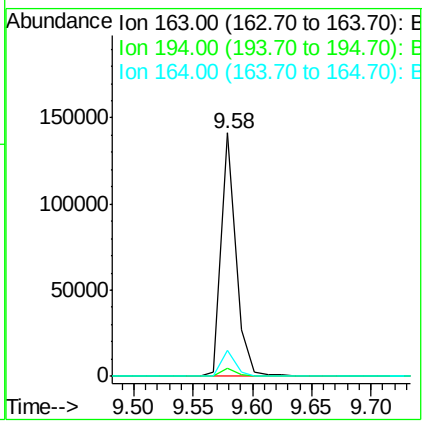


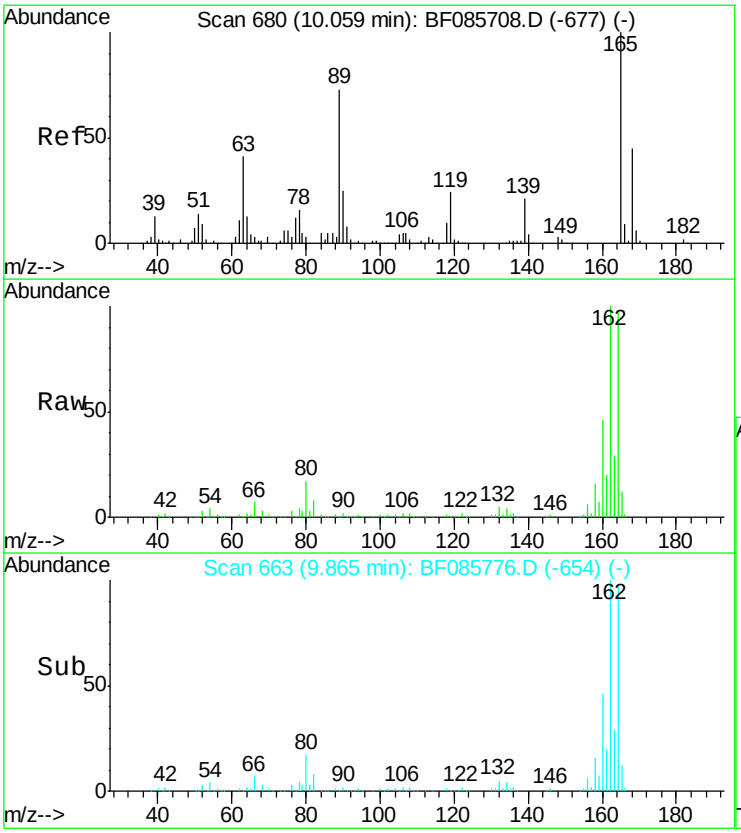
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:163 Resp: 120299

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.7	8.3	12.5

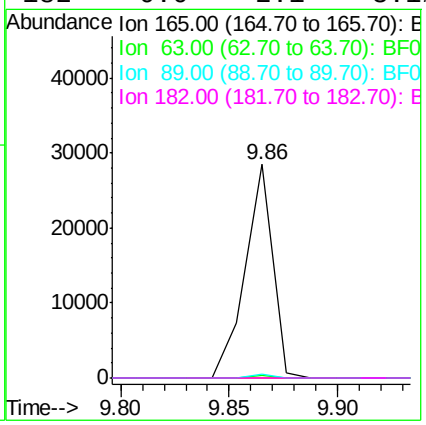


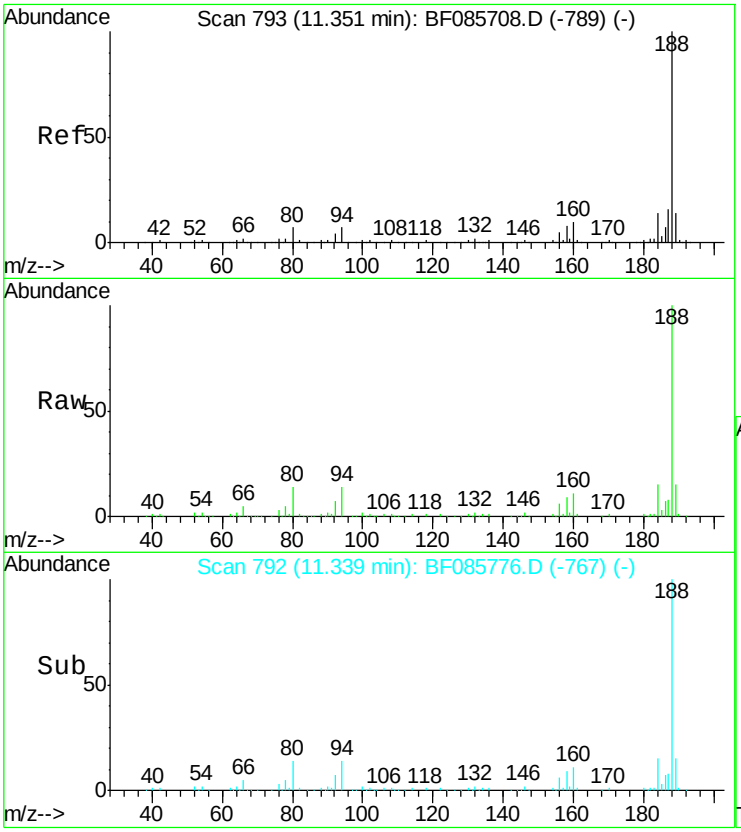


#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:165 Resp: 25061

Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#



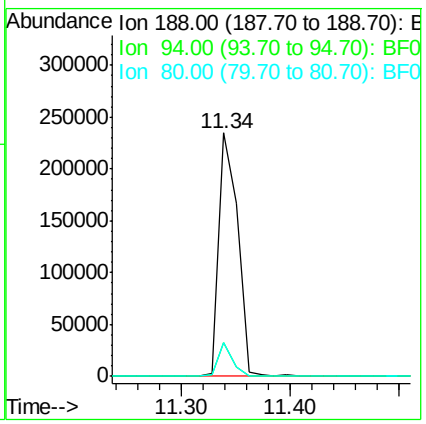


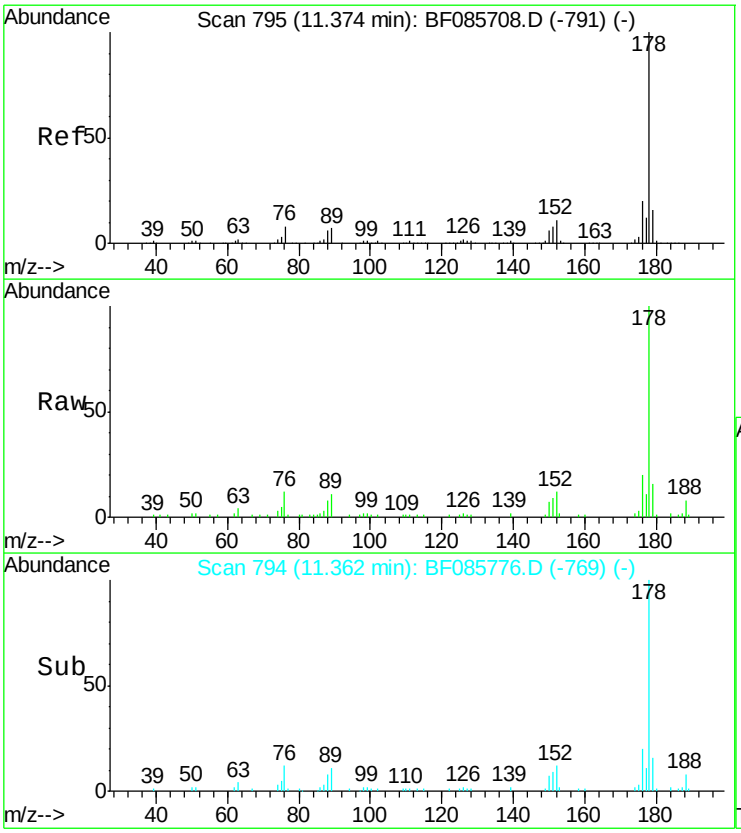
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:188 Resp: 282952

Ion	Ratio	Lower	Upper
188	100		
94	13.7	5.4	8.0#
80	14.1	5.5	8.3#

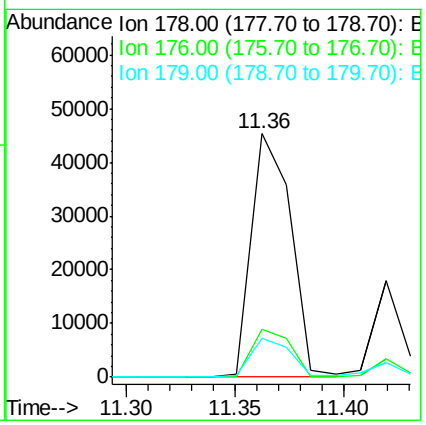


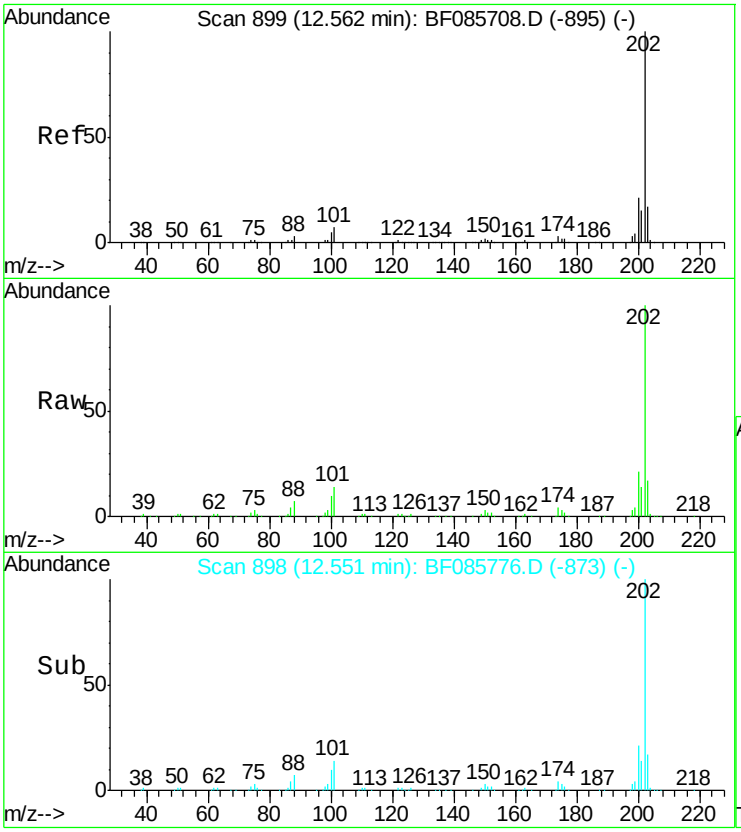


#70
Phenanthrene
Concen: 3.94 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:178 Resp: 57219

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.9	12.6	18.8



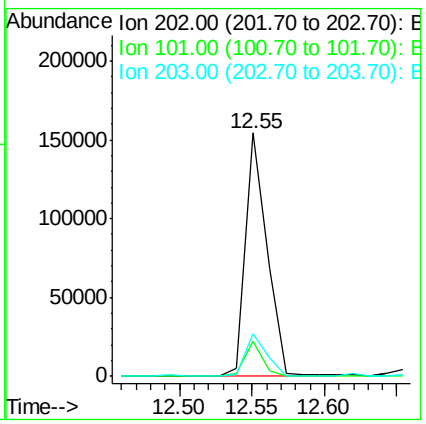


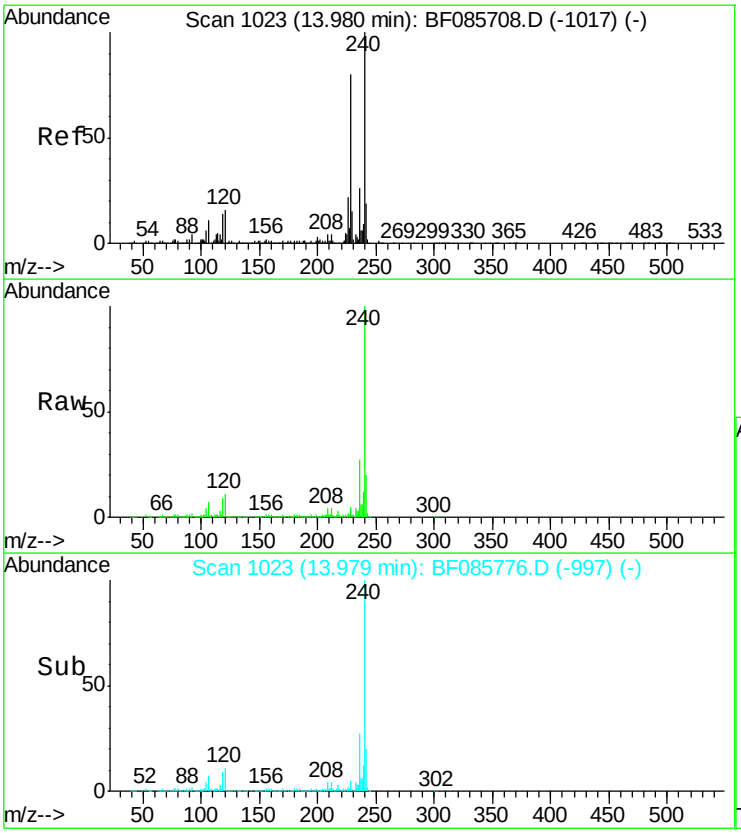
#74
Fluoranthene
Concen: 10.32 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:202 Resp: 159308

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	36.6
203	17.5	0.0	38.1

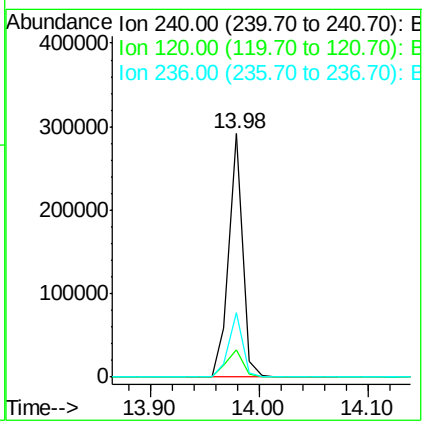


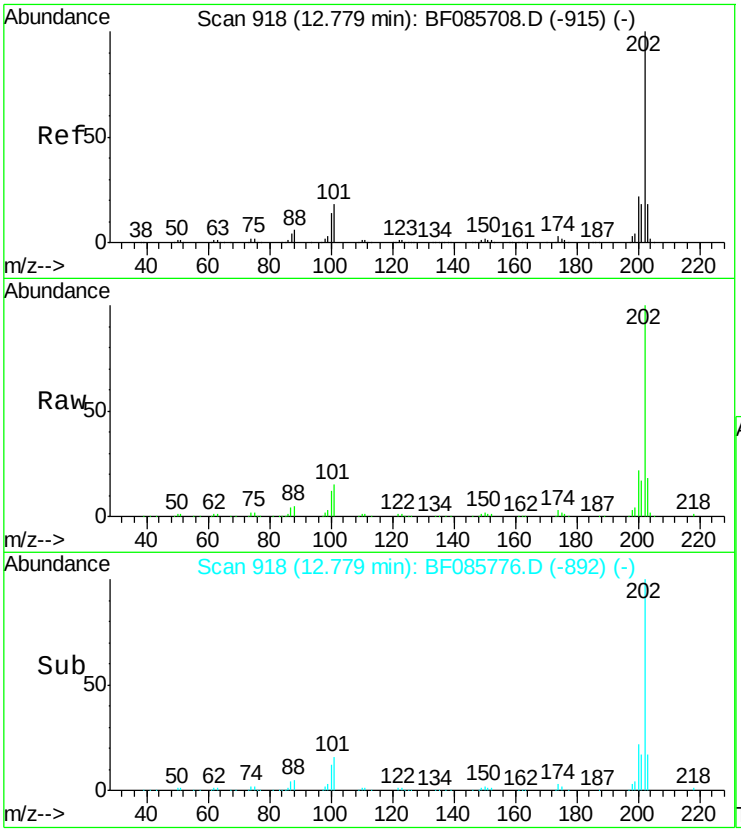


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:240 Resp: 256541

Ion	Ratio	Lower	Upper
240	100		
120	11.0	13.8	20.8#
236	26.5	20.6	30.8



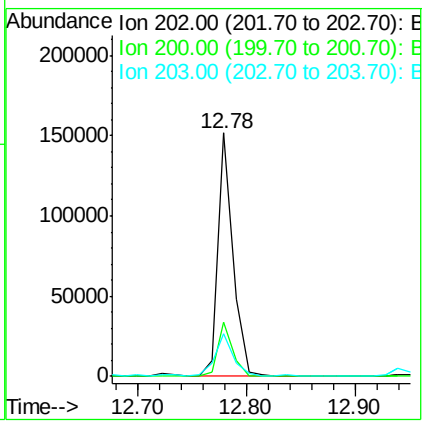


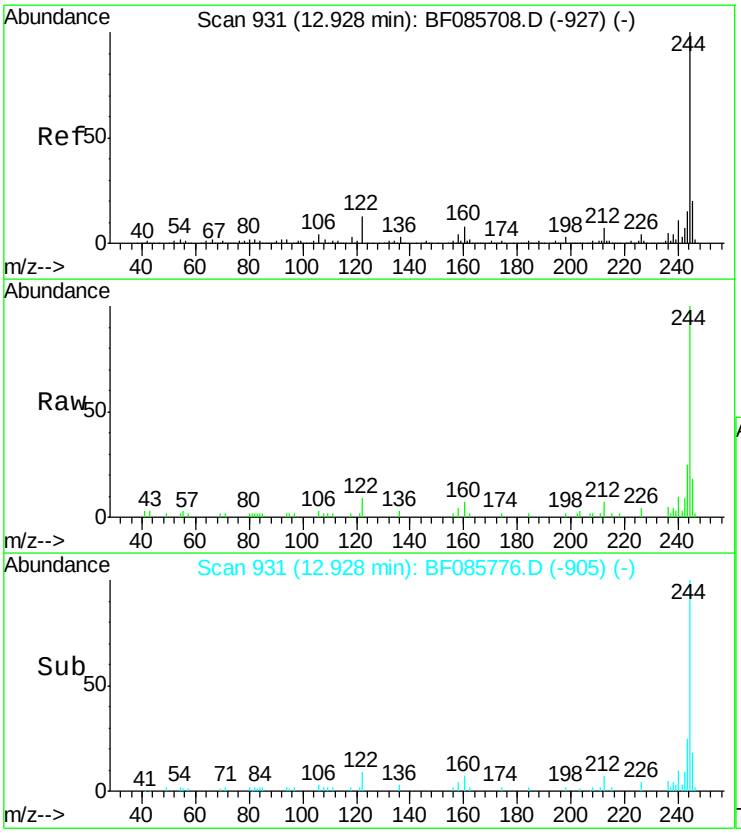
#77
Pyrene
Concen: 7.04 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:202 Resp: 148422

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.6	14.0	21.0

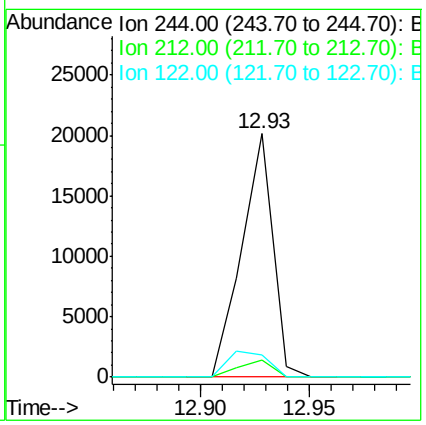


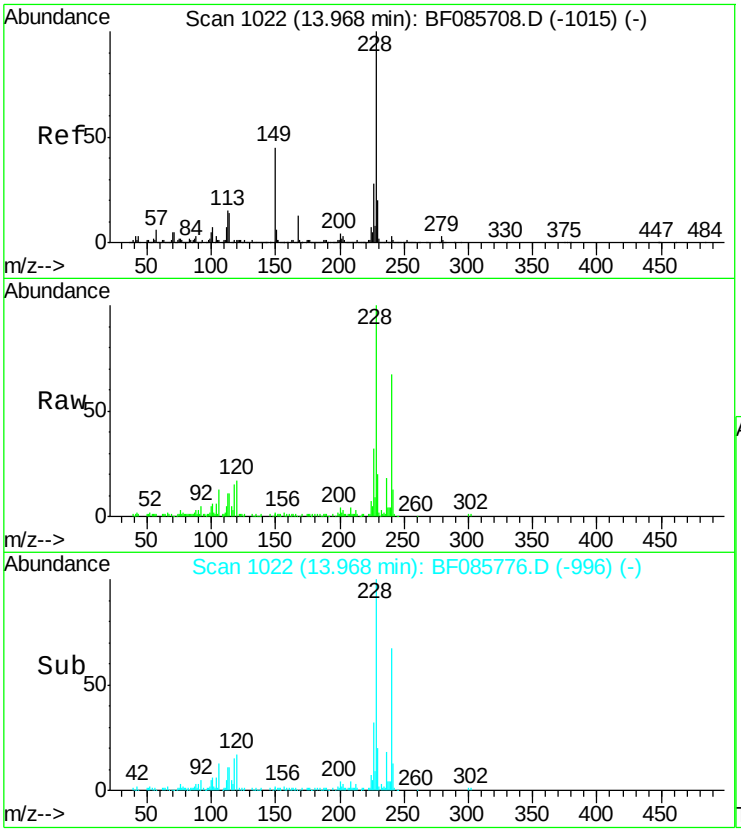


#78
Terphenyl-d14
Concen: 1.61 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:244 Resp: 20037

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.2	10.2	15.4#



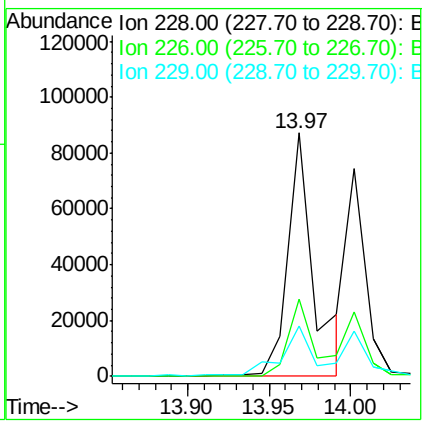


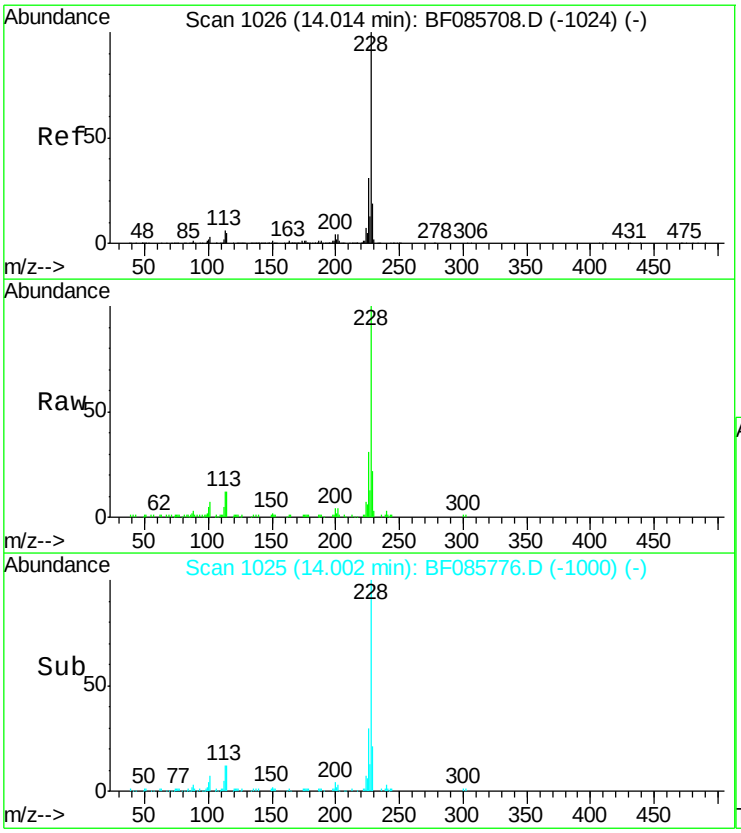
#80
Benzo(a)anthracene
Concen: 6.67 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:228 Resp: 97536

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	20.5	16.2	24.4

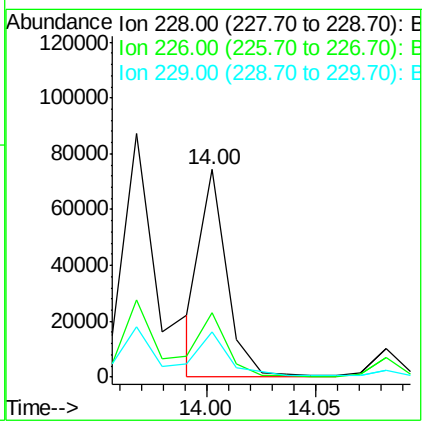


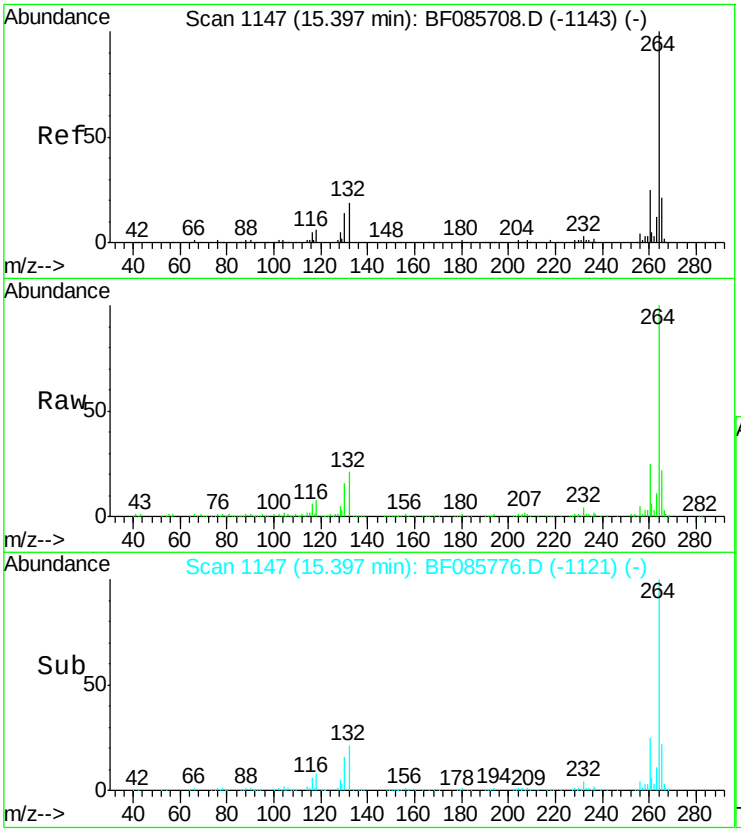


#82
Chrysene
Concen: 4.20 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:228 Resp: 61840

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.6	15.7	23.5



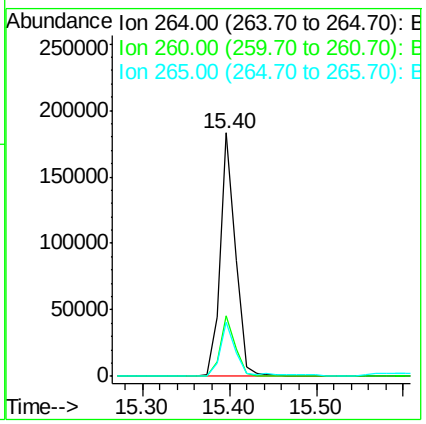


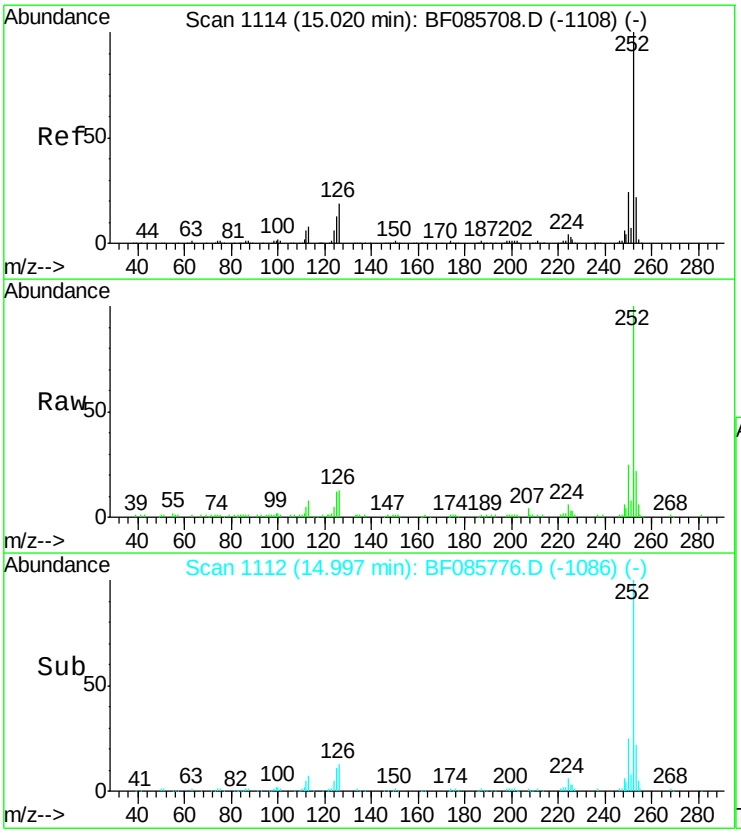
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:264 Resp: 226857

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	17.2	25.8

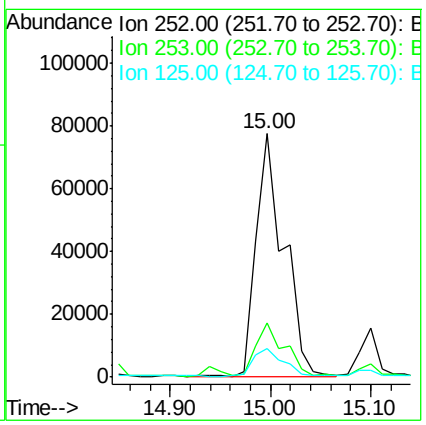


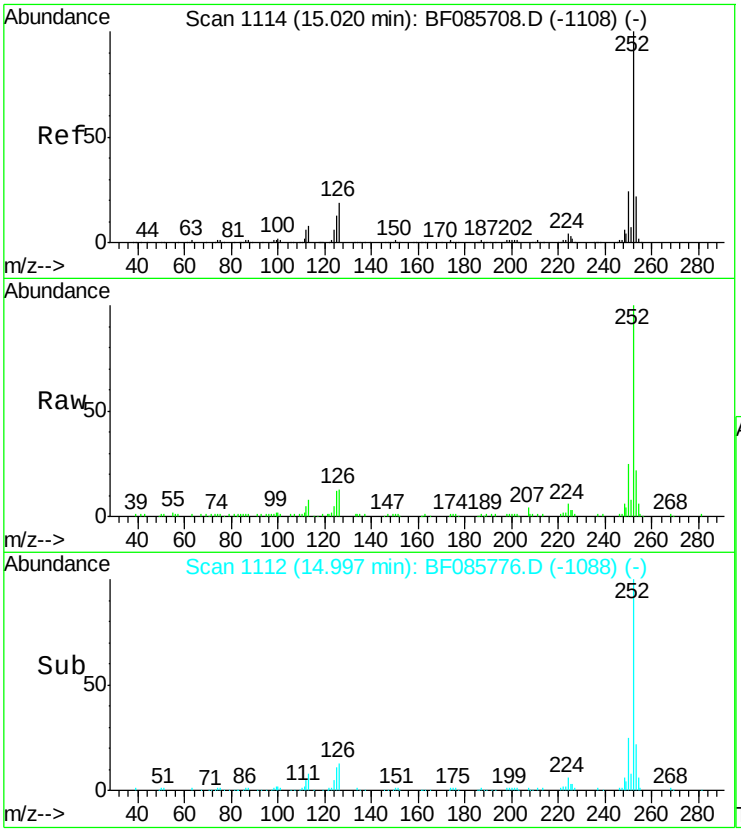


#87
Benzo(b)fluoranthene
Concen: 10.47 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:252 Resp: 149559

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.6	10.3	15.5



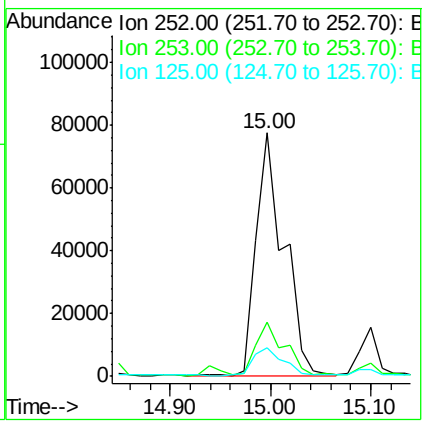


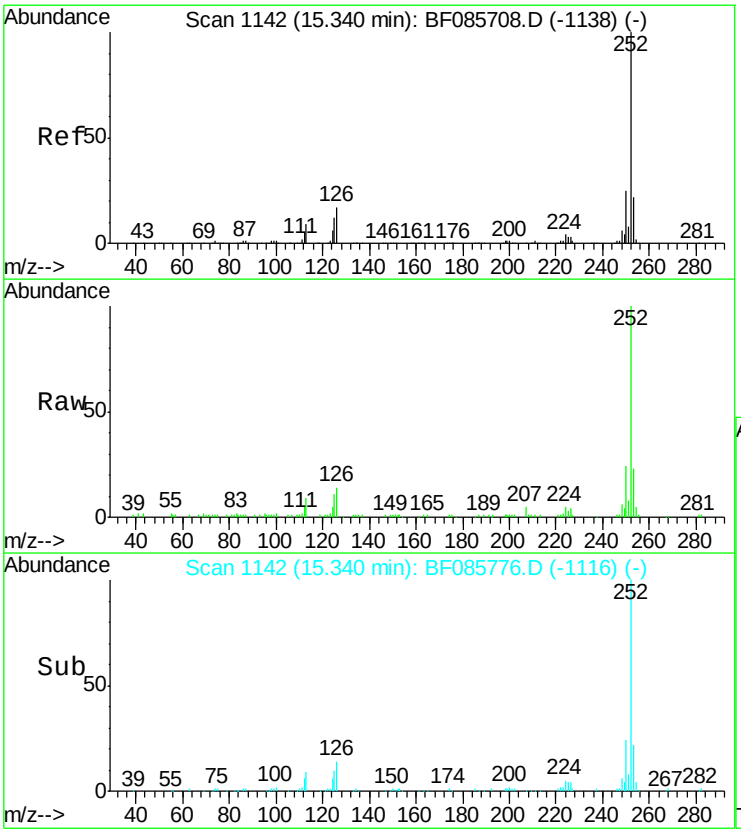
#88
Benzo(k)fluoranthene
Concen: 11.61 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:252 Resp: 149559

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.6	7.7	11.5#

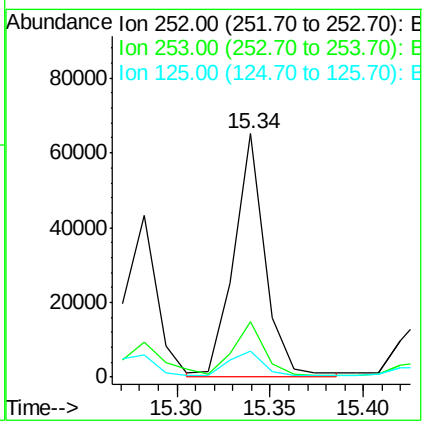


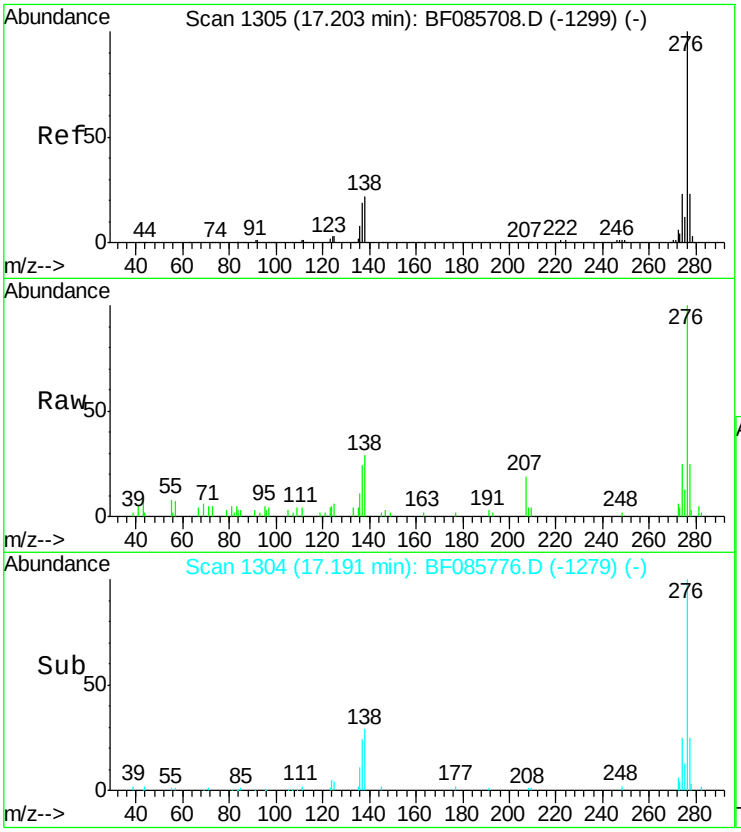


#89
Benzo(a)pyrene
Concen: 5.99 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:252 Resp: 75975

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.6	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 17.19 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:276 Resp: 37654

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	28.9	22.6	34.0