Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:38:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	110911	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	448839	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	177444	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	295486	20.00	ng		0.00
75) Chrysene-d12	14.47	240	226540	20.00	ng		0.00
86) Perylene-d12	16.09	264	185231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	742533	111.07	ng		0.02
7) Phenol-d6	5.40	99	892630	113.26	ng		0.00
23) Nitrobenzene-d5	6.41	82	541922	74.55	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	150869	108.70	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	933905	77.44	ng		0.00
78) Terphenyl-d14	13.19	244	582180	68.69	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.41	70	72442	13.87	ng	#	75
49) Dimethylphthalate	9.08	163	132868	10.05	ng		98
56) 2,4-Dinitrotoluene	9.39	165	23037	6.33	ng	#	33
70) Phenanthrene	11.24	178	109898	6.60	ng		96
74) Fluoranthene	12.70	202	155322	9.01	ng		99
77) Pyrene	12.98	202	140905	8.90	ng		99
80) Benzo(a)anthracene	14.45	228	63792	4.84	ng		98
82) Chrysene	14.49	228	59687	4.96	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	25716	2.25	ng		96
87) Benzo(b)fluoranthene	15.69	252	95321	8.41	ng	#	92
88) Benzo(k)fluoranthene	15.69	252	95321	8.89	ng		97
89) Benzo(a)pyrene	16.04	252	49305	4.68	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	25276	2.84	ng		96

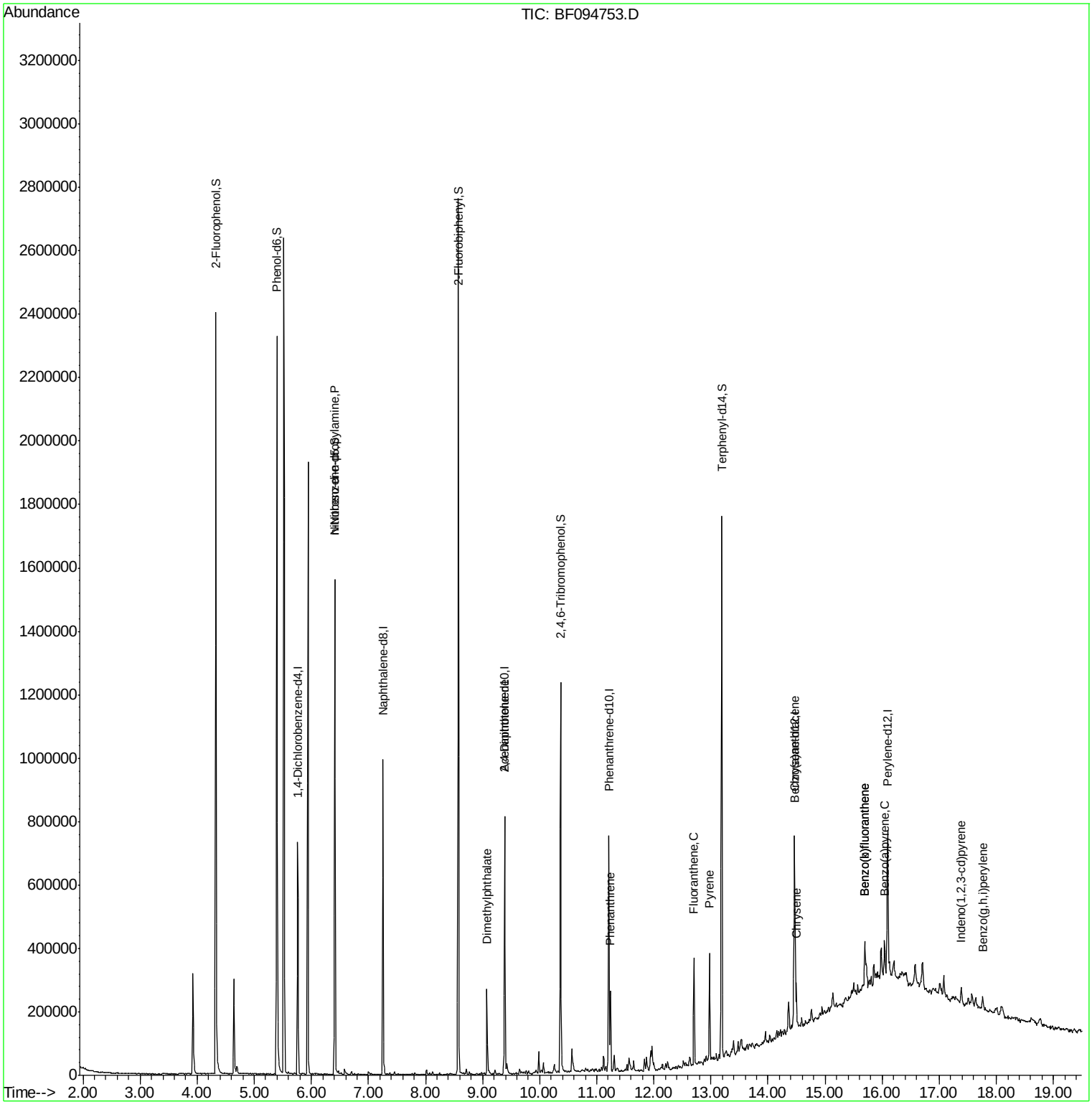
(#) = qualifier out of range (m) = manual integration (+) = signals summed

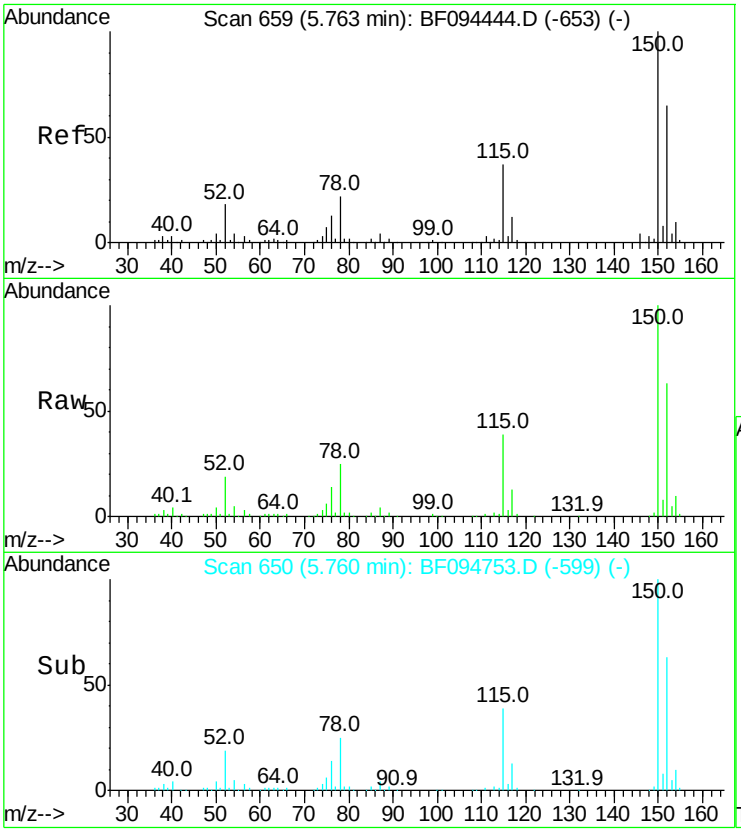
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 01:38:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



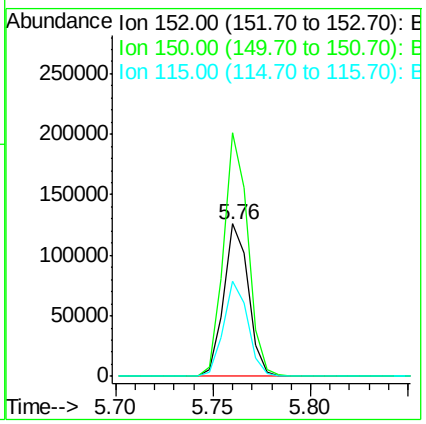


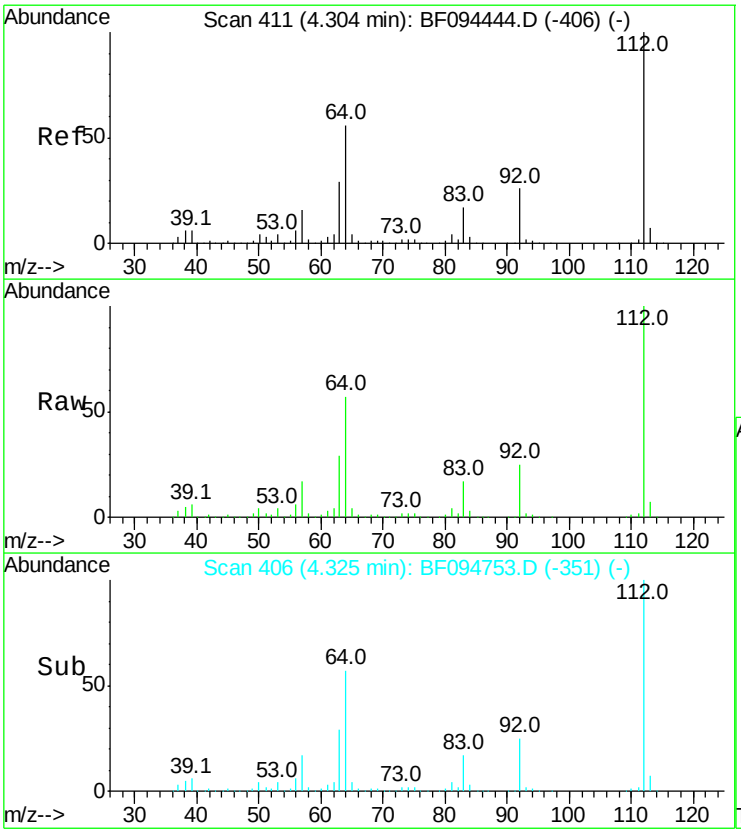
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 110911

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	62.6	52.2	78.2

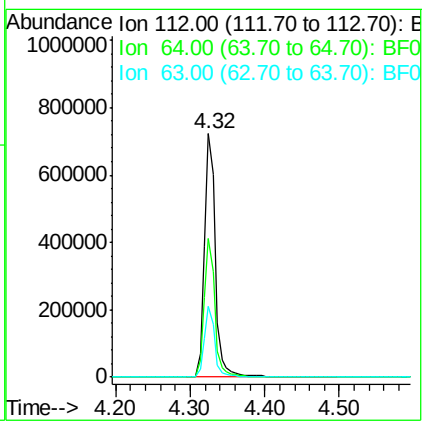


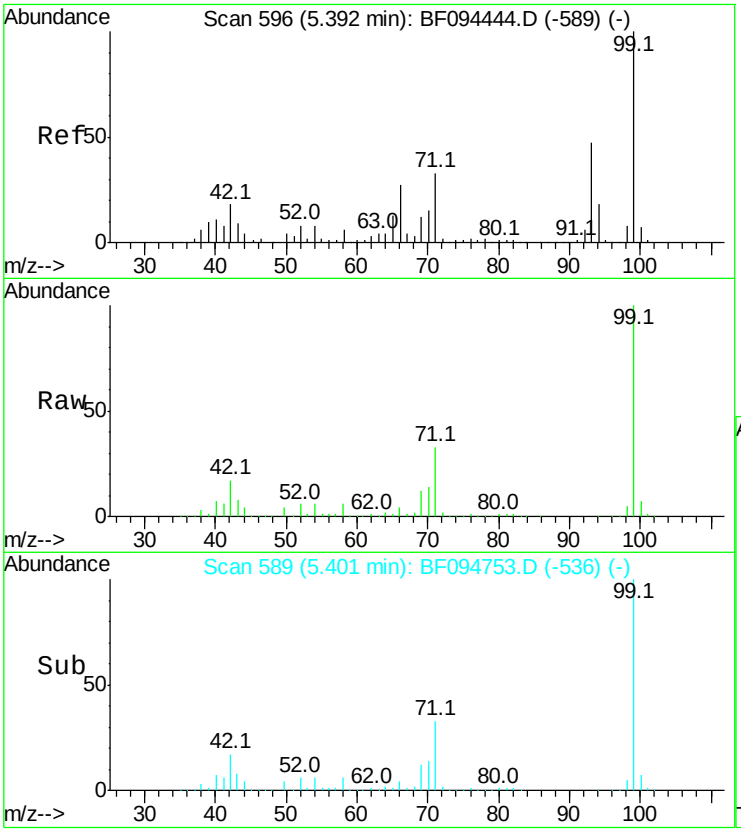


#5
2-Fluorophenol
Concen: 111.07 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:112 Resp: 742533

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.9	23.4	35.0



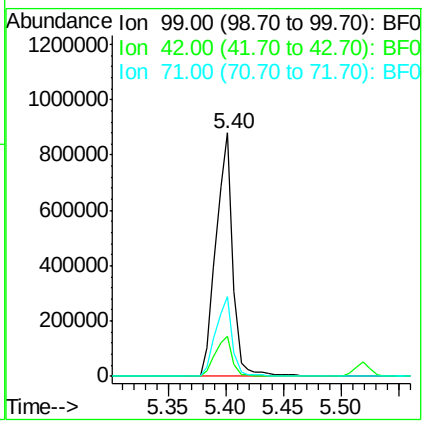


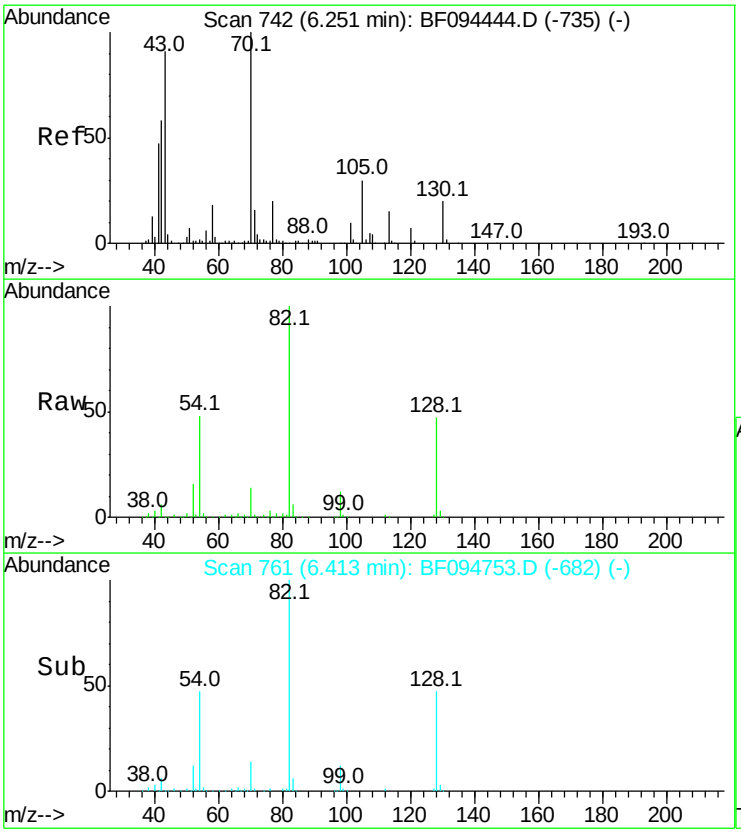
#7
Phenol-d6
Concen: 113.26 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 892630

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	33.0	24.5	36.7

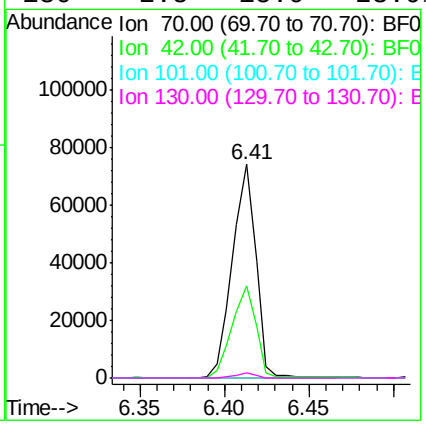


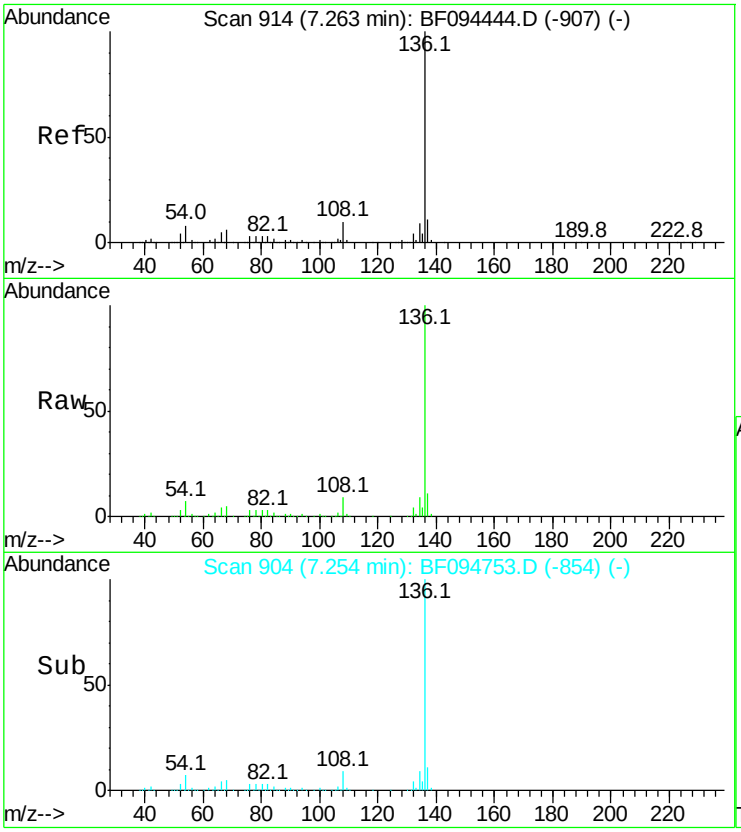


#19
n-Nitroso-di-n-propylamine
Concen: 13.87 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion: 70 Resp: 72442

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



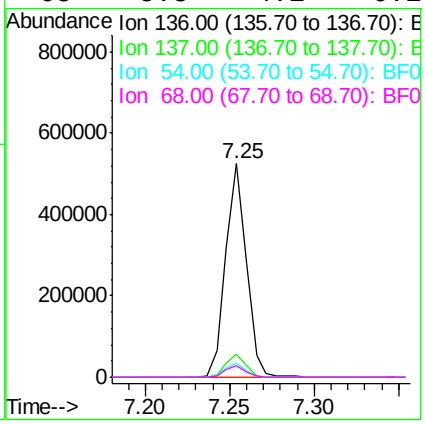


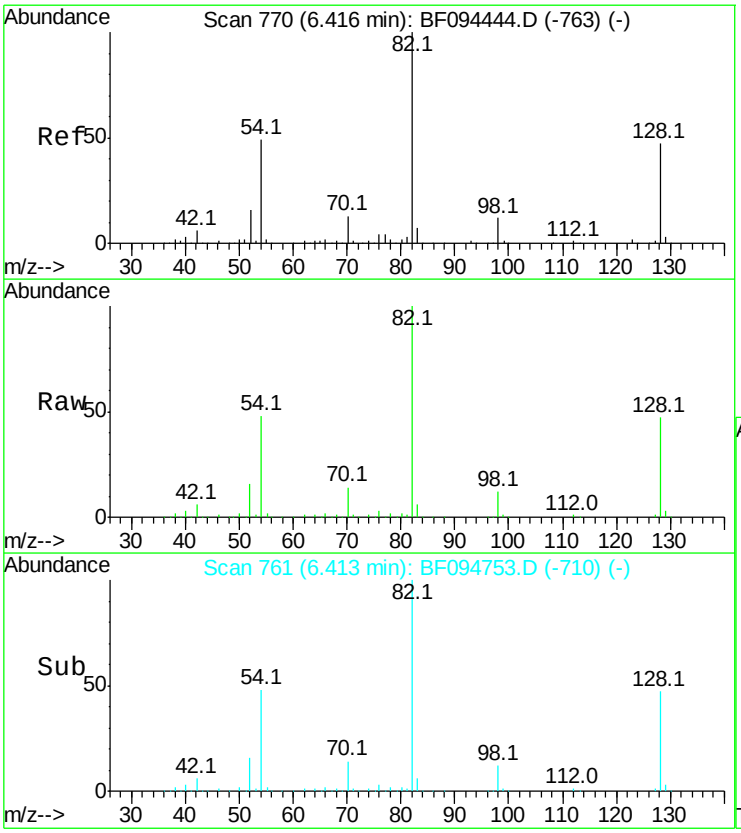
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 448839

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1

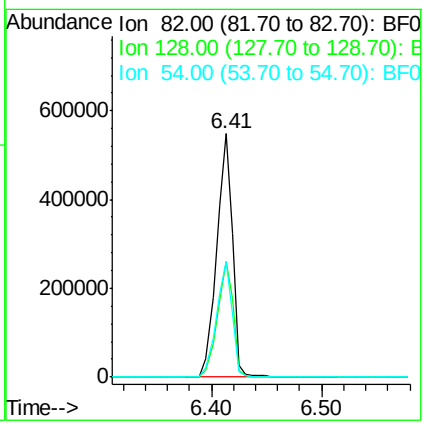


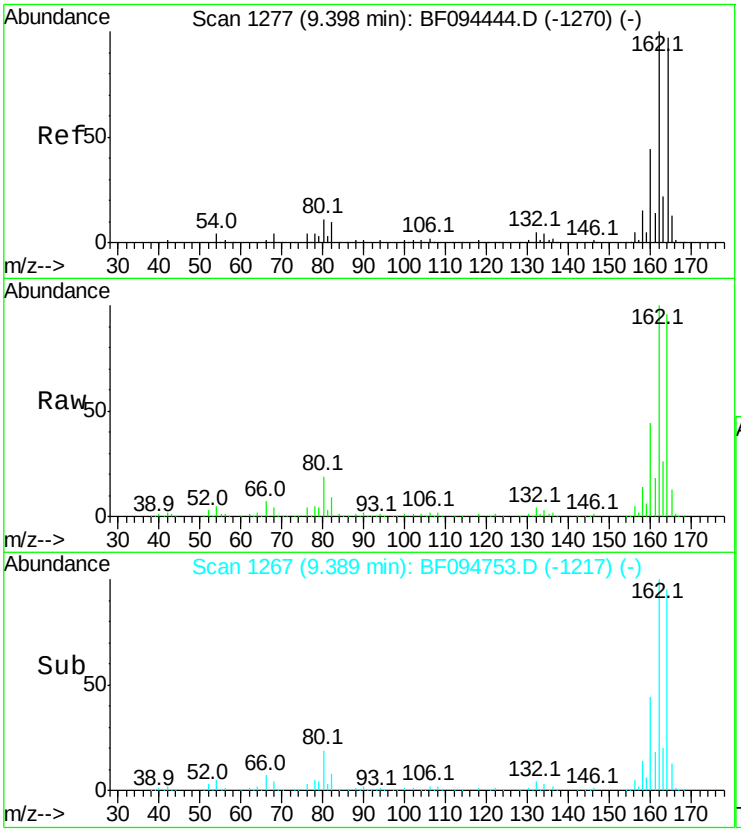


#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion: 82 Resp: 541922

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	47.6	42.2	63.2



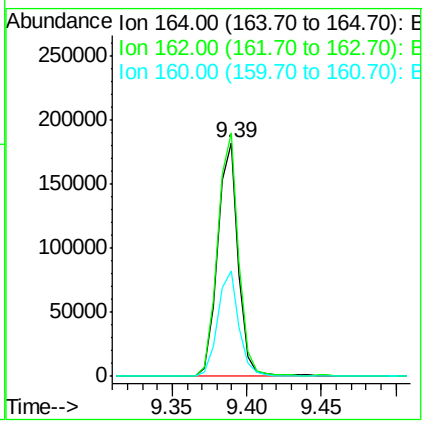


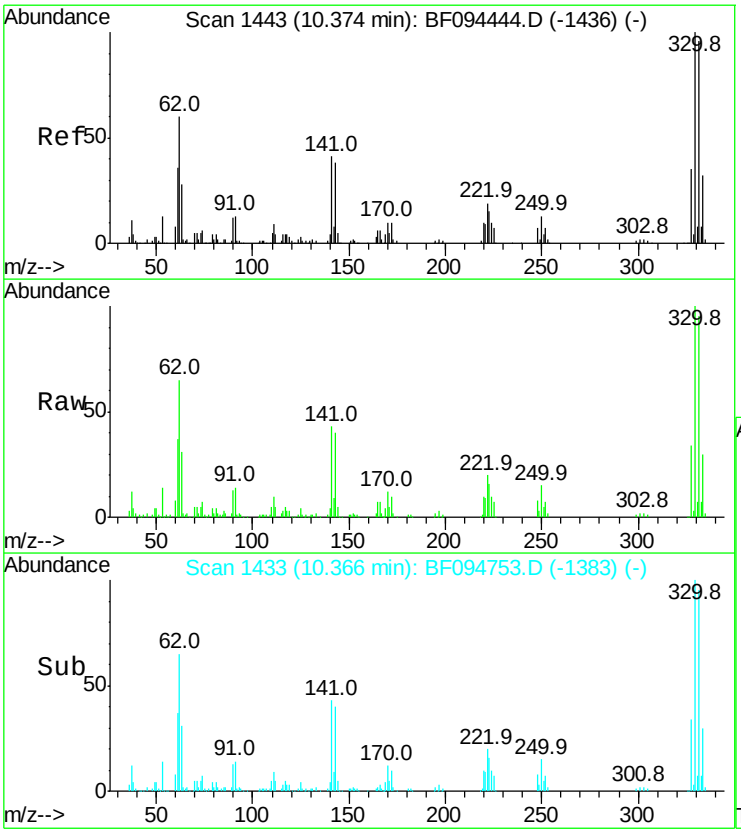
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 177444

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.4	36.2	54.2

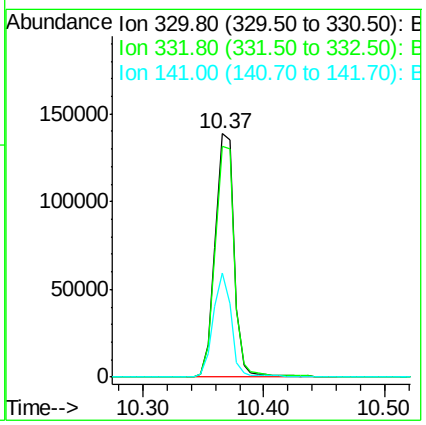


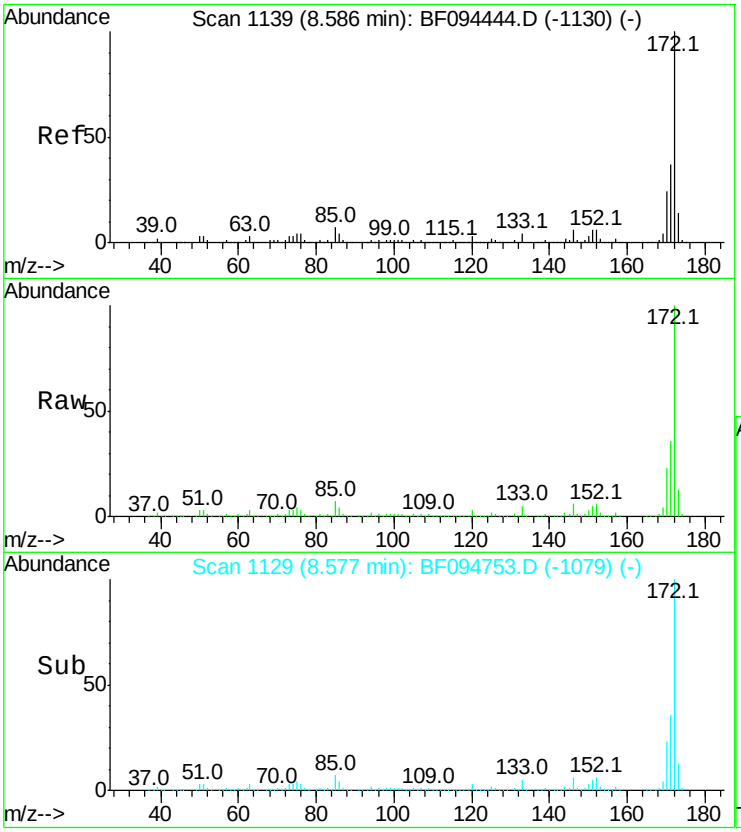


#41
2,4,6-Tribromophenol
Concen: 108.70 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:330 Resp: 150869

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.3	31.4	47.2



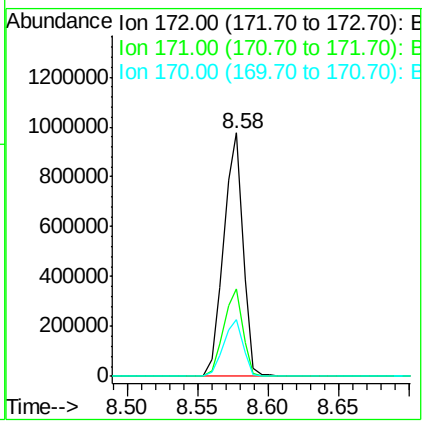


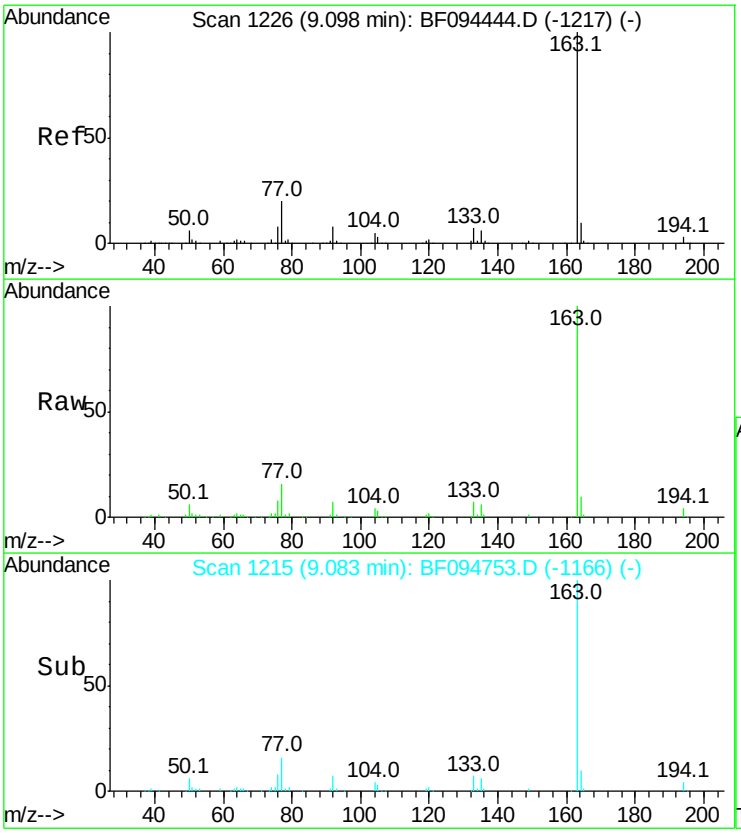
#44
2-Fluorobiphenyl
Concen: 77.44 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 933905

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	19.8	29.8

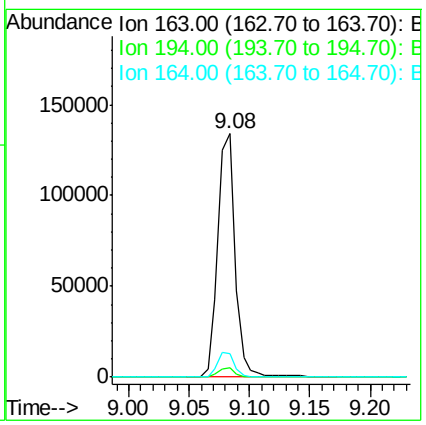


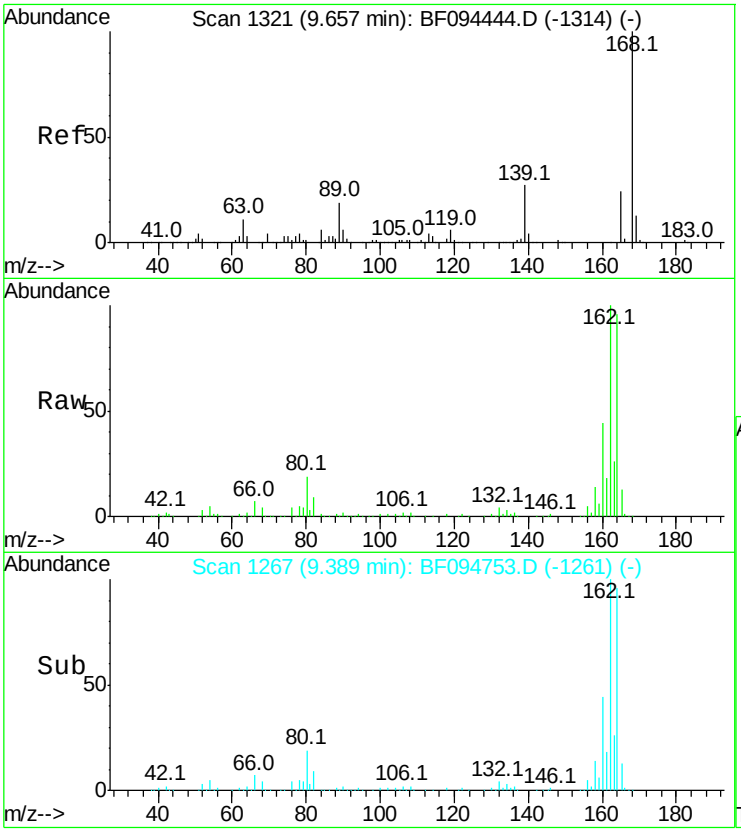


#49
Dimethylphthalate
Concen: 10.05 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:163 Resp: 132868

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.6	8.4	12.6



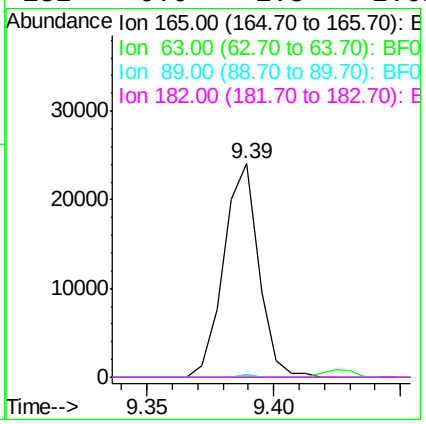


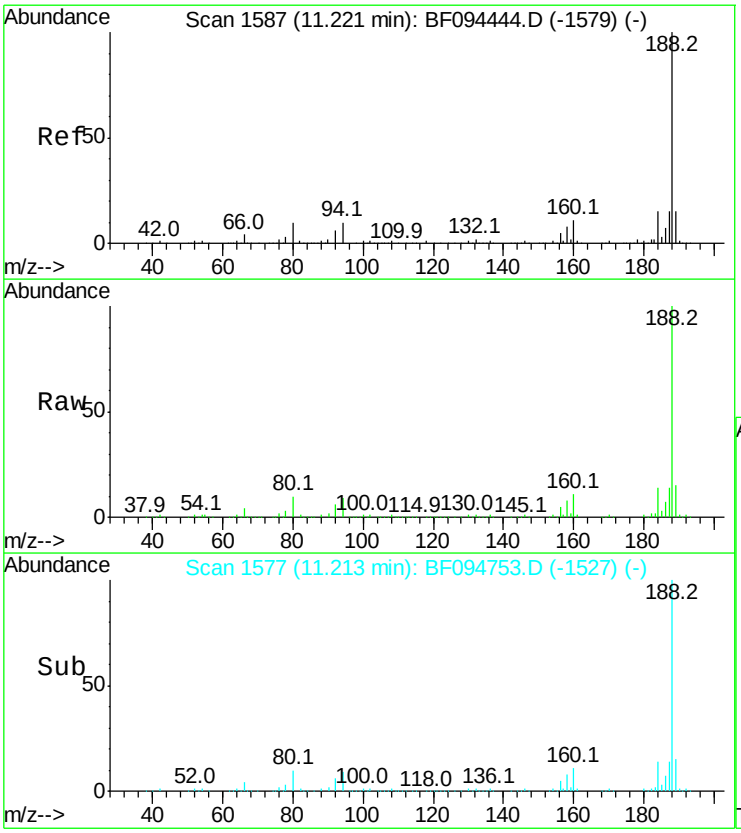
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23037

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

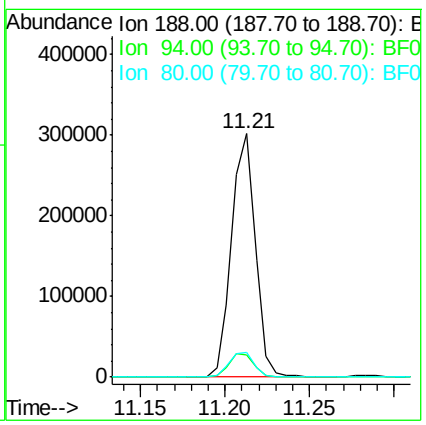


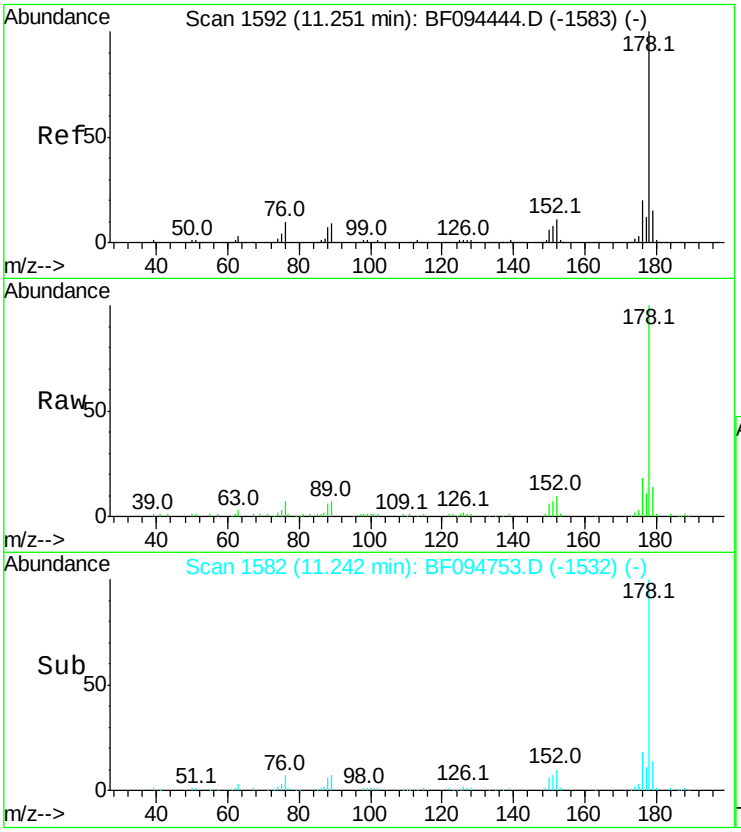


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:188 Resp: 295486

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.2	10.2	15.2



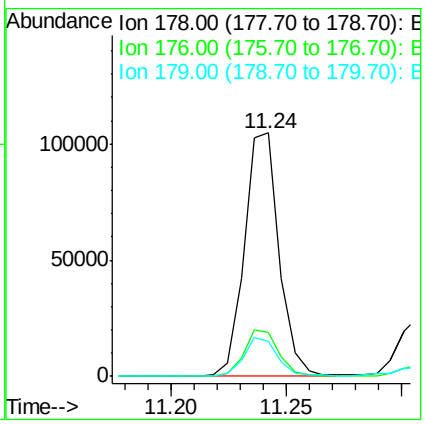


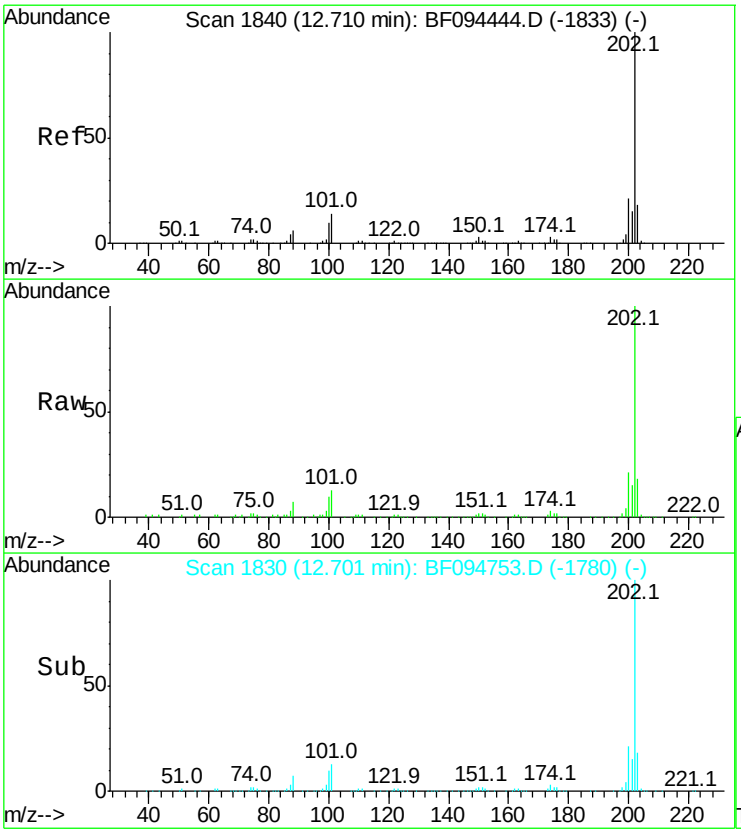
#70
Phenanthrene
Concen: 6.60 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109898

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	14.2	12.6	19.0

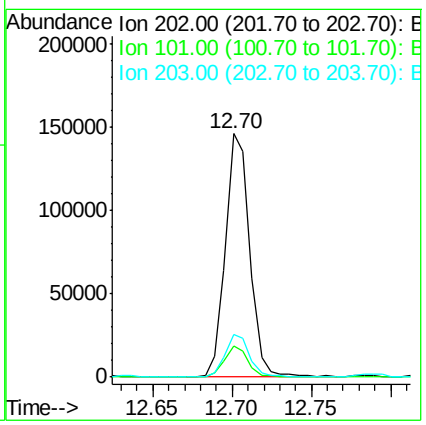


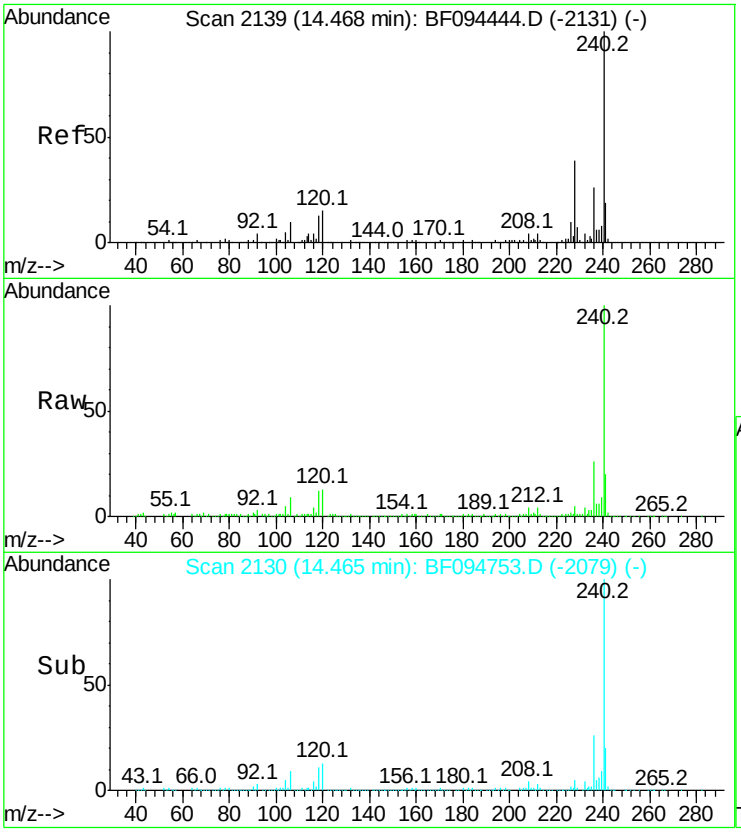


#74
Fluoranthene
Concen: 9.01 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:202 Resp: 155322

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.8	0.0	38.1



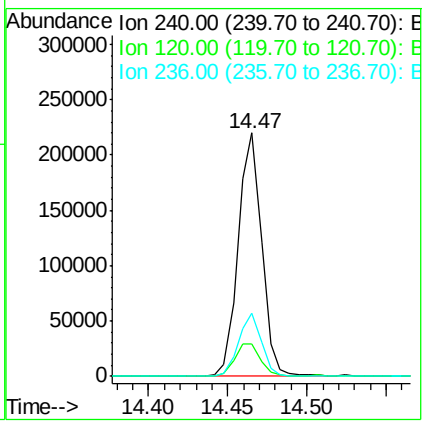


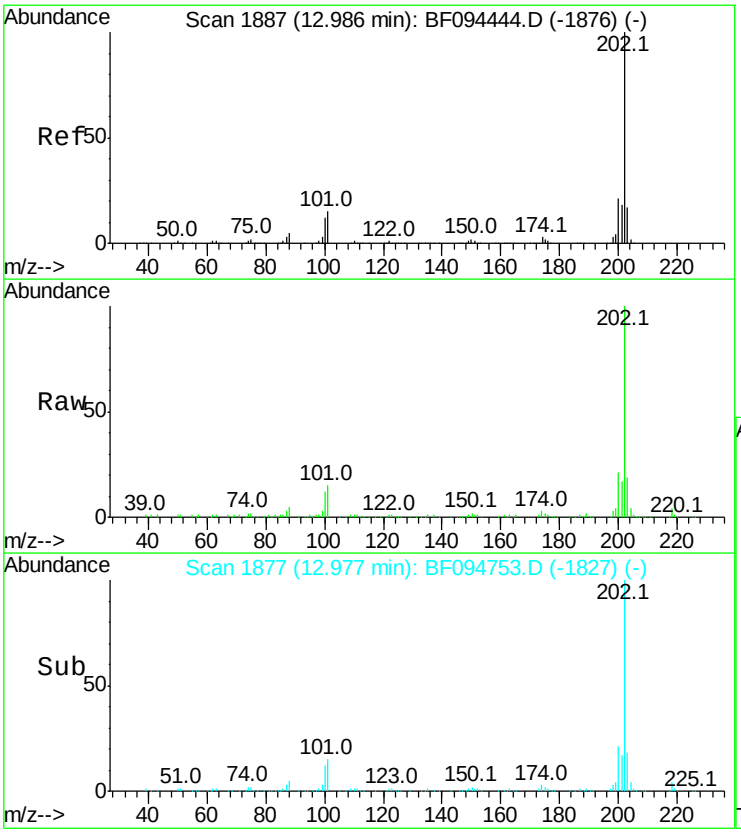
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226540

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.9	20.5	30.7

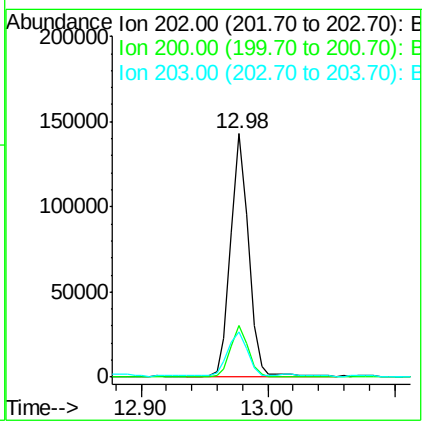


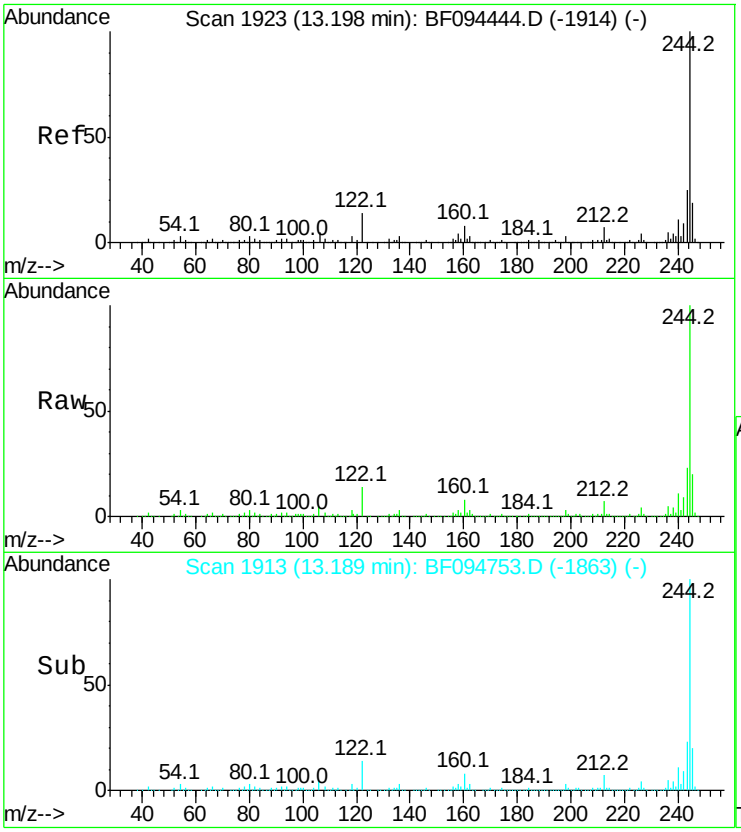


#77
Pyrene
Concen: 8.90 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:202 Resp: 140905

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.6	14.4	21.6



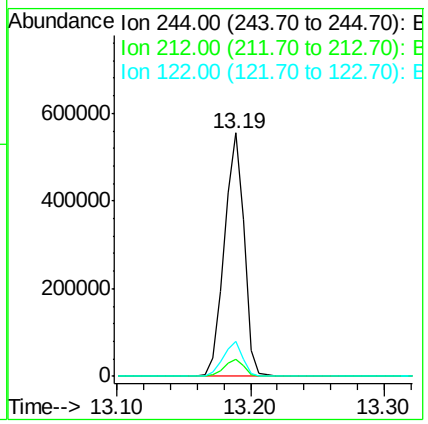


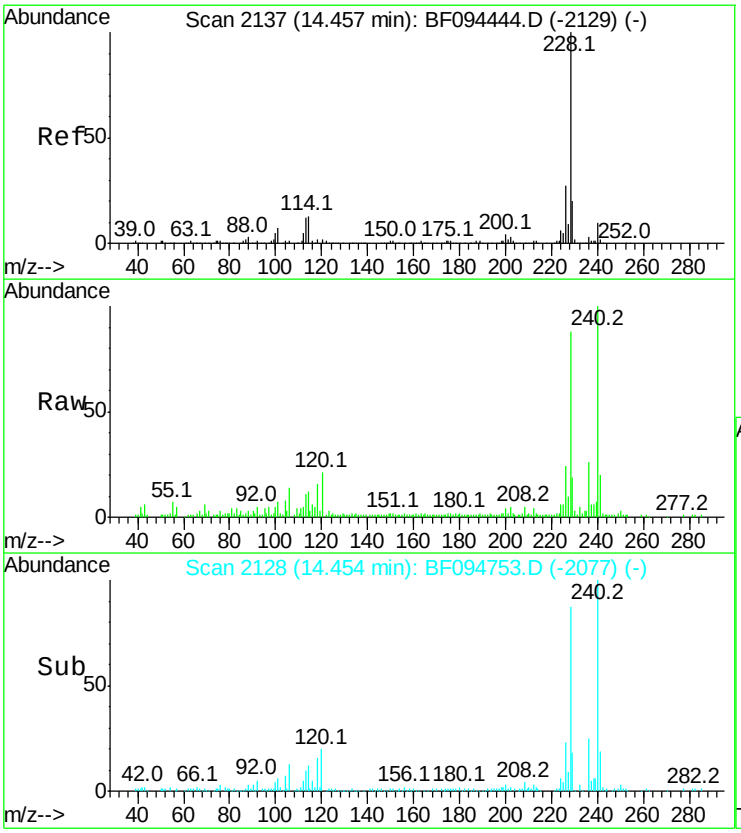
#78
Terphenyl-d14
Concen: 68.69 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 582180

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5

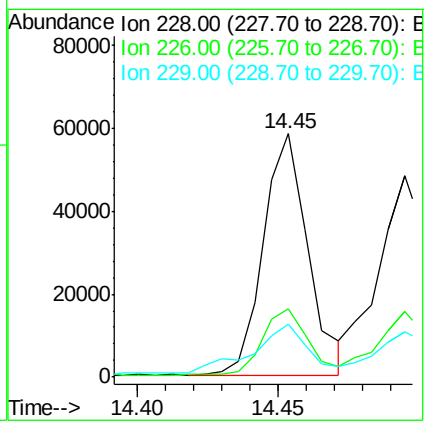


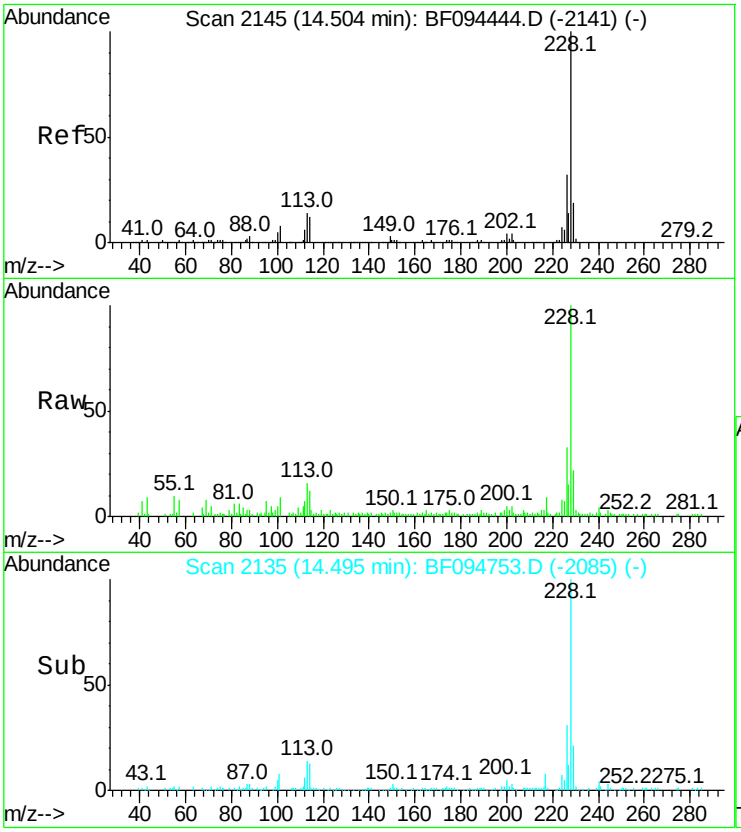


#80
Benzo(a)anthracene
Concen: 4.84 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:228 Resp: 63792

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.8	16.3	24.5



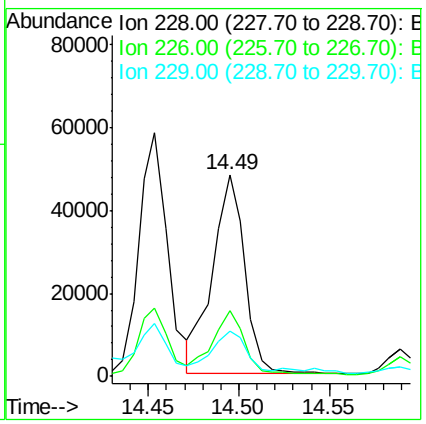


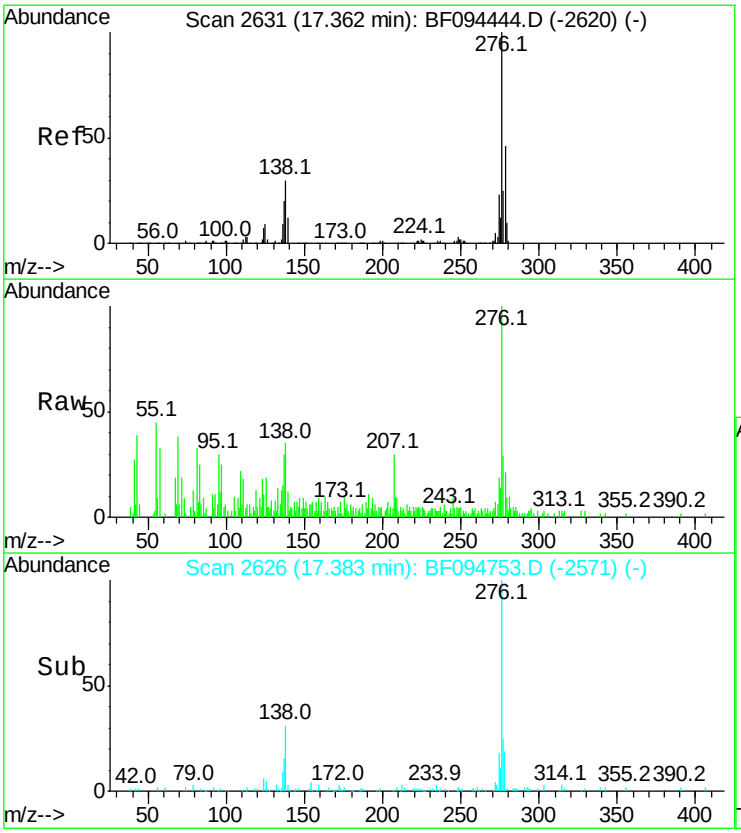
#82
Chrysene
Concen: 4.96 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 59687

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	22.5	15.8	23.6

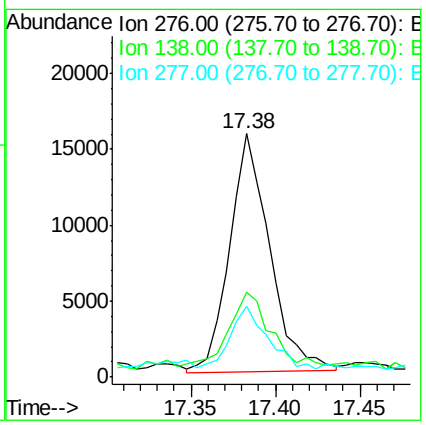


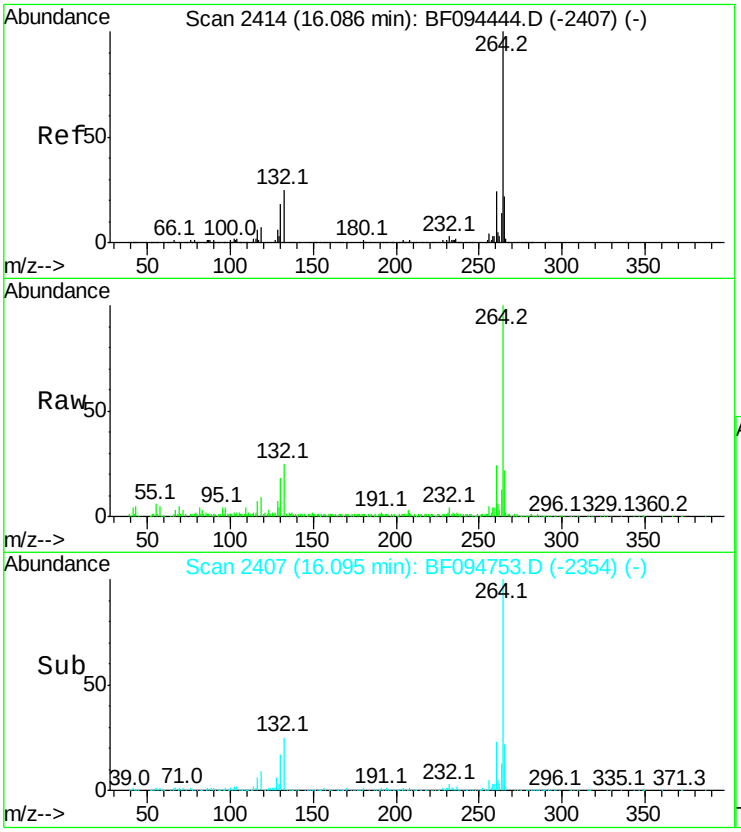


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.02 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:276 Resp: 25716

Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	24.7	20.2	30.4



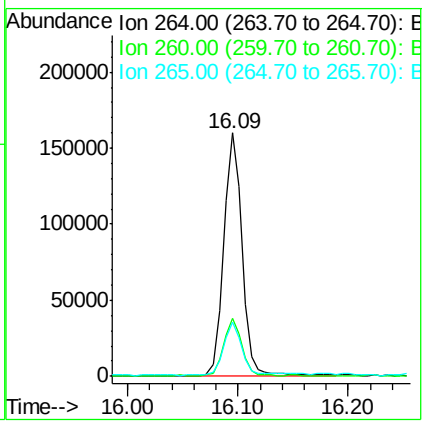


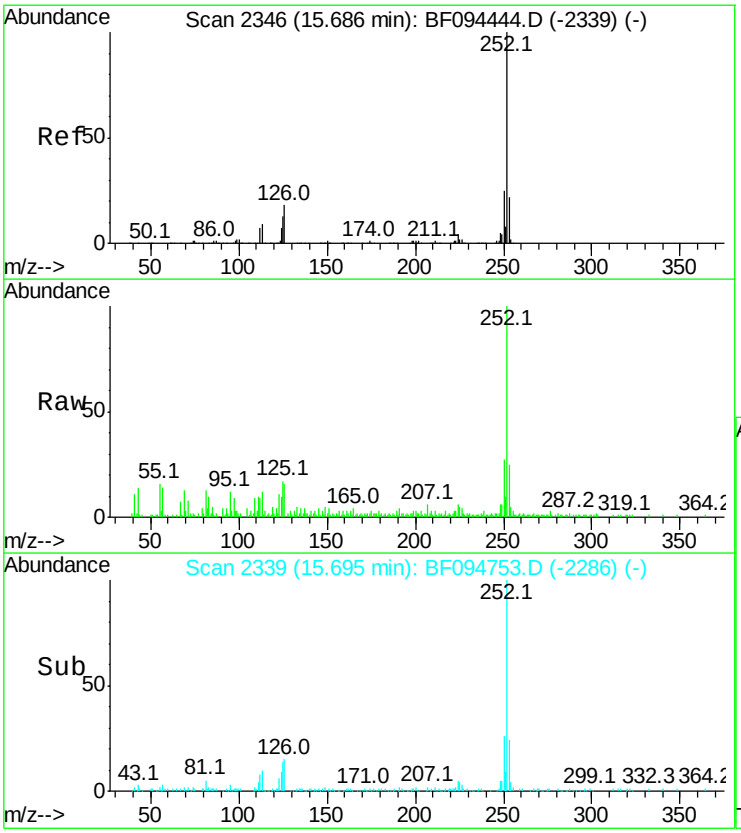
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 185231

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8

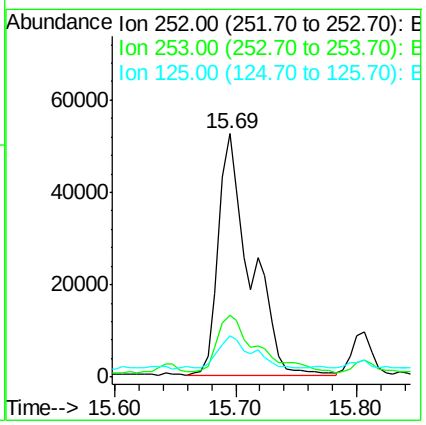


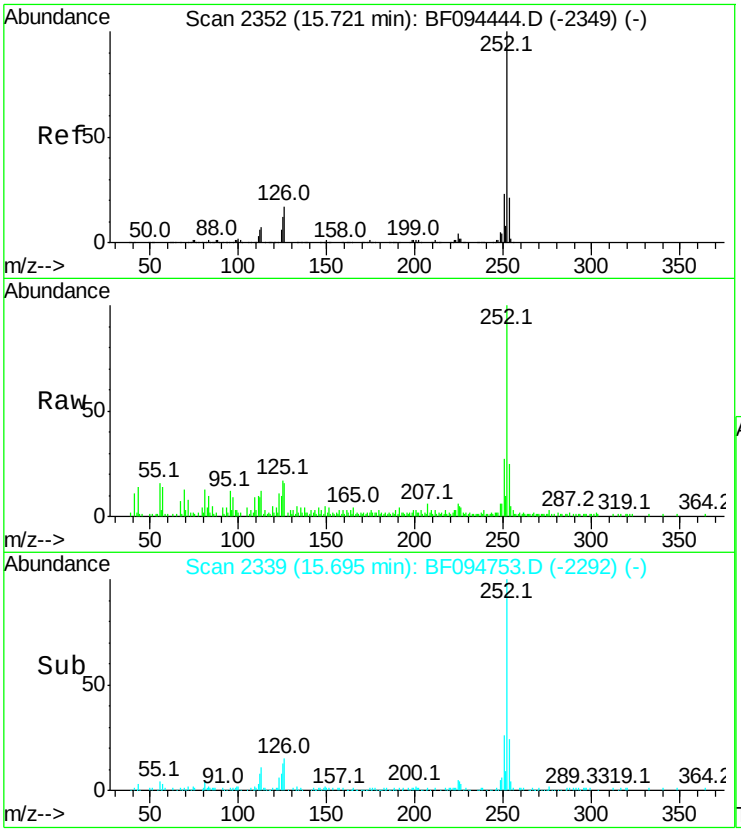


#87
Benzo(b)fluoranthene
Concen: 8.41 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:252 Resp: 95321

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	17.2	9.8	14.8#



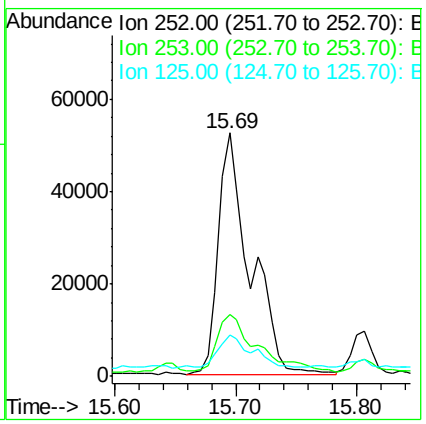


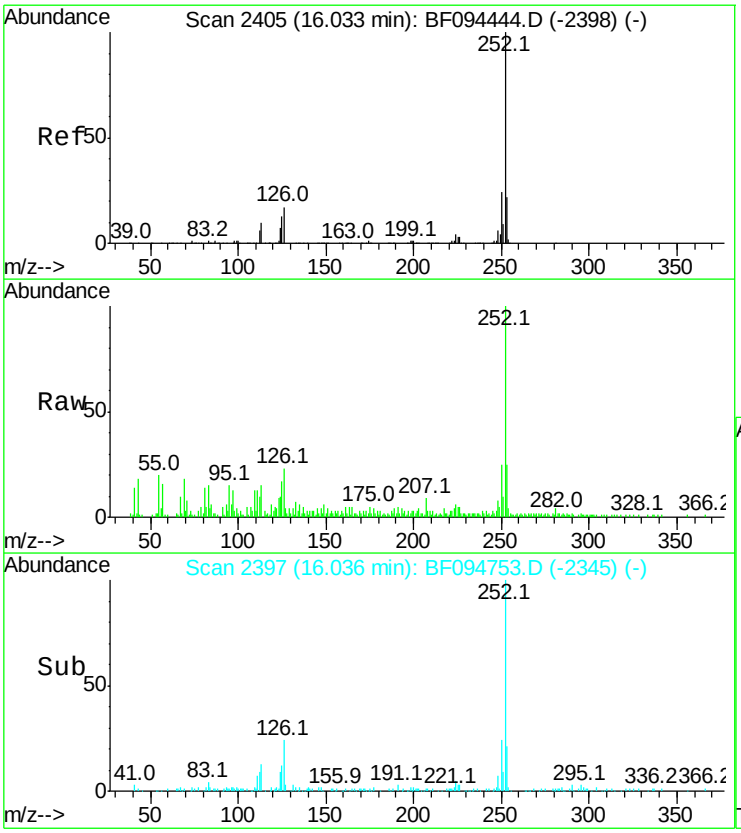
#88
Benzo(k)fluoranthene
Concen: 8.89 ng
RT: 15.69 min Scan# 2339
Delta R.T. -0.03 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 95321

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	17.2	13.1	19.7

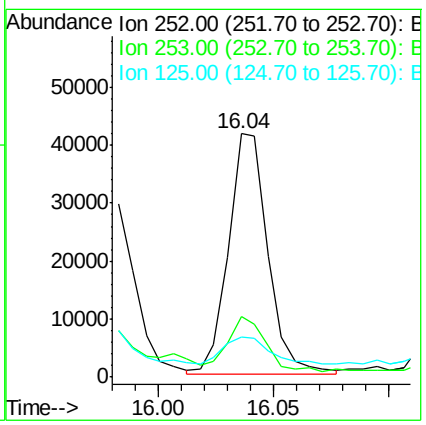


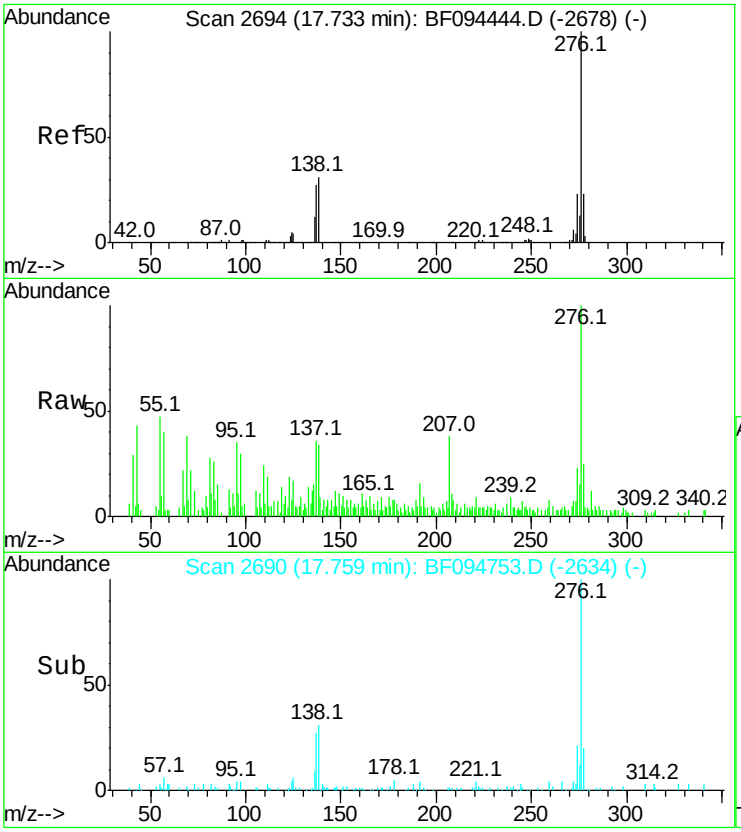


#89
Benzo(a)pyrene
Concen: 4.68 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Tgt Ion:252 Resp: 49305

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	16.5	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 17.76 min Scan# 2690
Delta R.T. 0.03 min
Lab File: BF094753.D
Acq: 1 May 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25276

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	34.5	25.4	38.0