Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 16:24:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	90848	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	432861	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	186737	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	252417	20.00	ng		-0.01
75) Chrysene-d12	18.26	240	172625	20.00	ng		-0.01
86) Perylene-d12	19.94	264	159589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	19256	3.38	ng		0.08
7) Phenol-d6	6.91	99	100393	14.71	ng		0.04
23) Nitrobenzene-d5	8.22	82	74427	10.68	ng		0.00
41) 2,4,6-Tribromophenol	13.49	330	1124	0.68	ng		0.04
44) 2-Fluorobiphenyl	11.09	172	183226	13.65	ng		-0.02
78) Terphenyl-d14	16.91	244	102359	14.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	45847	16.90	ng	#	22
49) Dimethylphthalate	11.80	163	33111	2.34	ng		99
50) 2,6-Dinitrotoluene	12.13	165	23849	7.71	ng	#	33
55) 4-Nitrophenol	12.50	139	3172	6.05	ng	#	25
70) Phenanthrene	14.56	178	96029	6.59	ng		99
71) Anthracene	14.56	178	96029	6.32	ng		99
74) Fluoranthene	16.36	202	89285	6.19	ng		98
77) Pyrene	16.66	202	79728	6.19	ng		95
80) Benzo(a)anthracene	18.25	228	29988	2.99	ng		97
82) Chrysene	18.25	228	29988	2.99	ng		95
83) Bis(2-ethylhexyl)phthalate	18.34	149	139125	17.53	ng	#	99
87) Benzo(b)fluoranthene	19.54	252	34586	3.46	ng	#	82
88) Benzo(k)fluoranthene	19.54	252	34586	3.62	ng	#	87
89) Benzo(a)pyrene	19.89	252	21386	2.33	ng	#	80

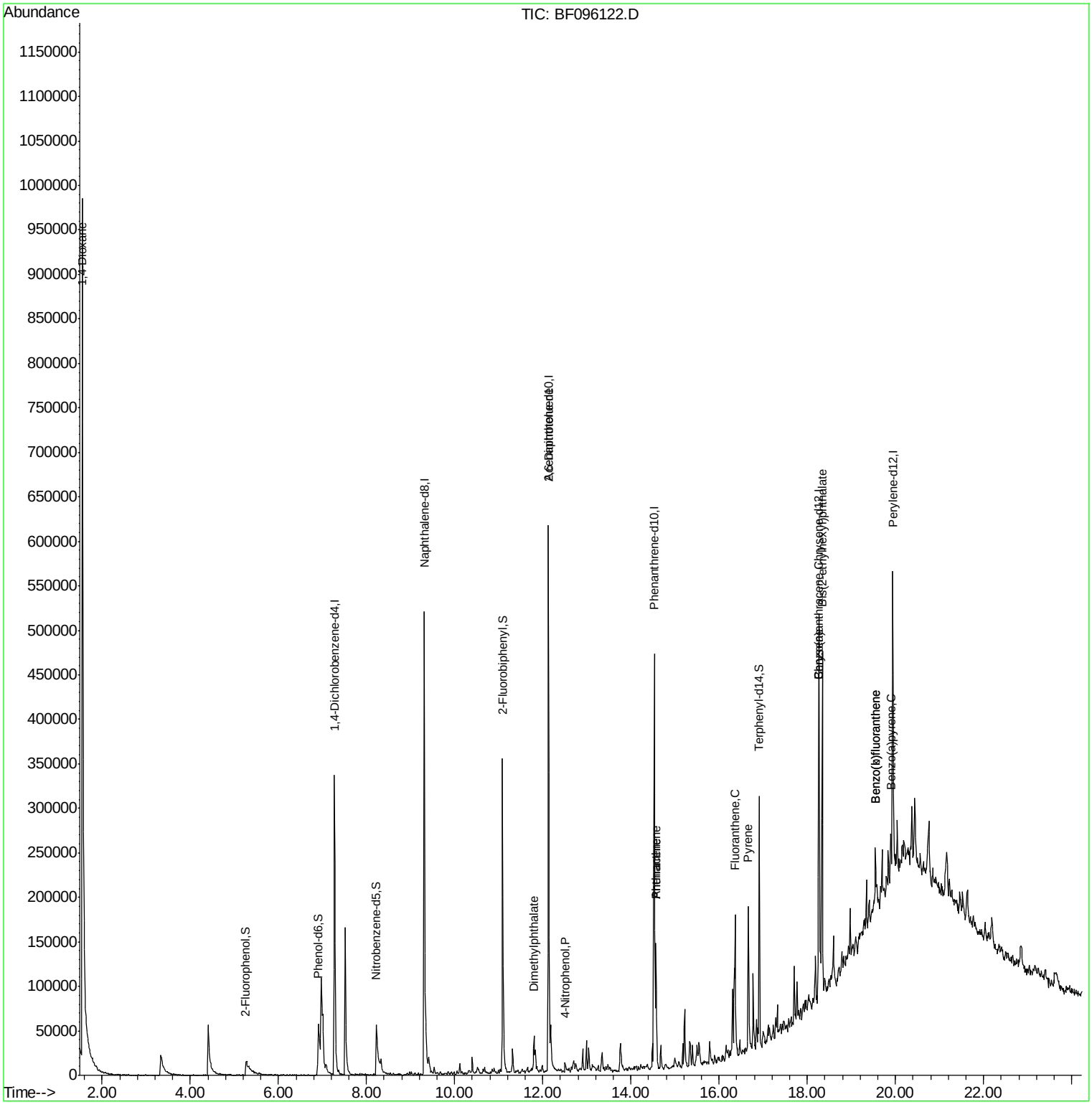
(#) = qualifier out of range (m) = manual integration (+) = signals summed

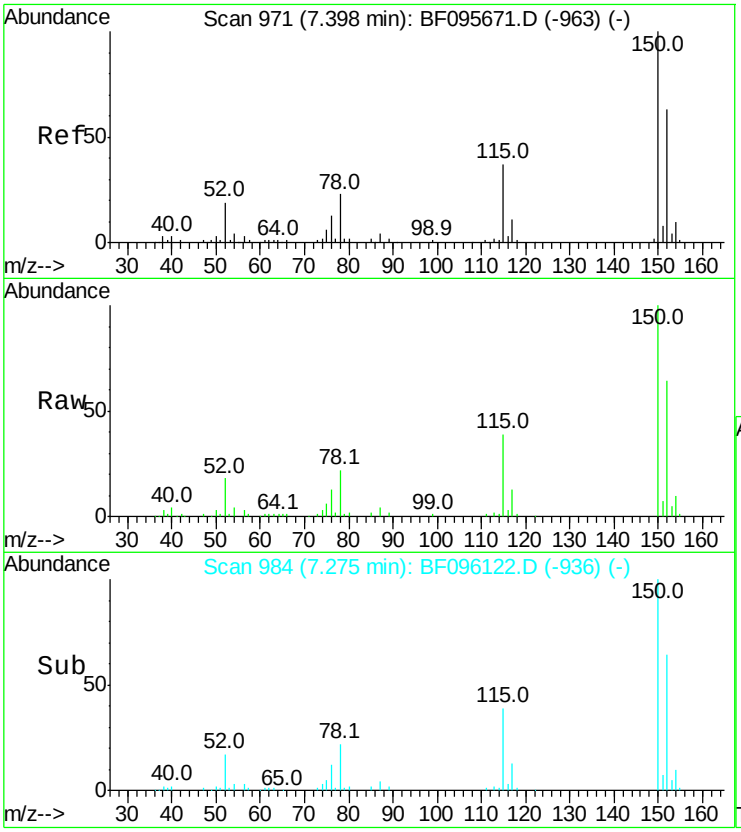
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 16:24:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration



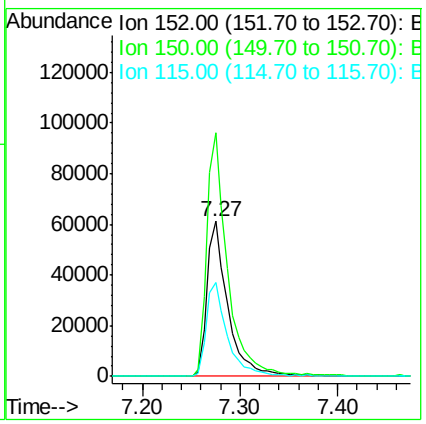


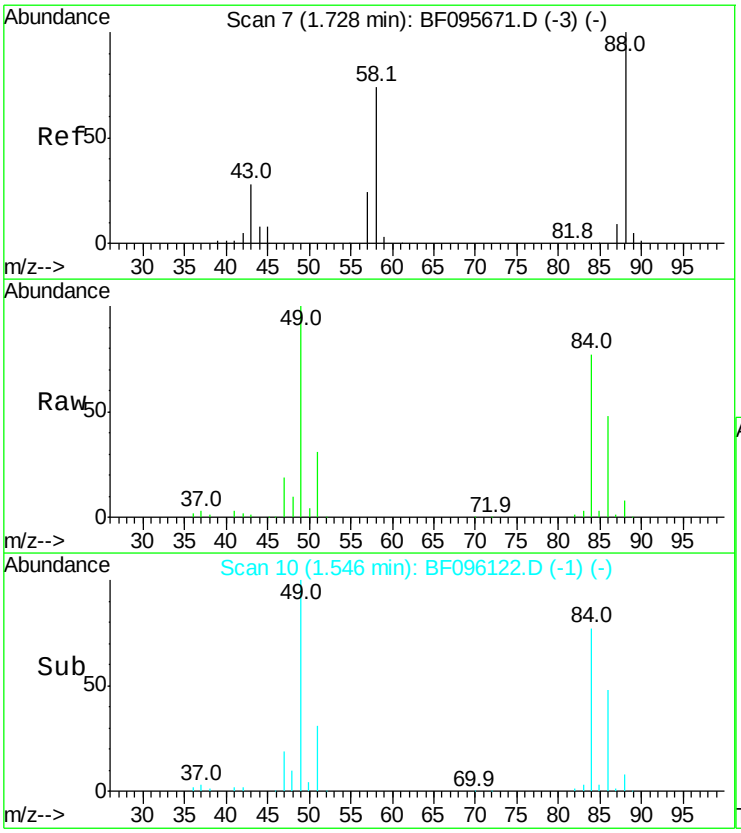
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90848

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	60.8	52.2	78.2

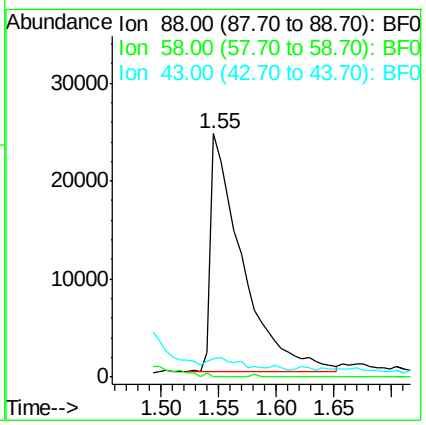


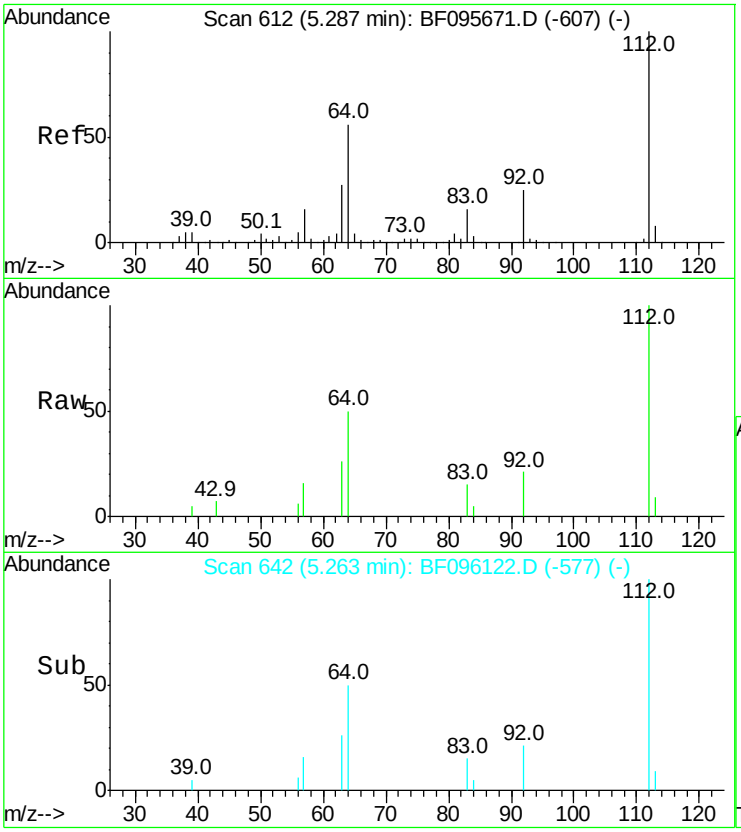


#2
1,4-Dioxane
Concen: 16.90 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion: 88 Resp: 45847

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	3.6	23.4	35.0#



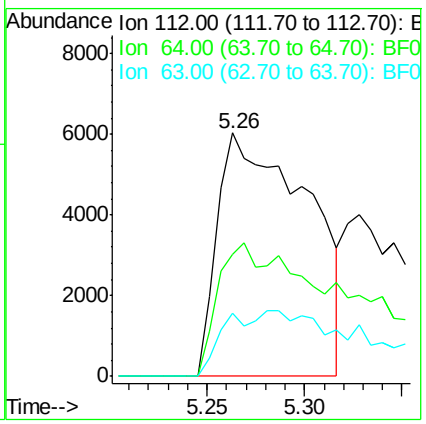


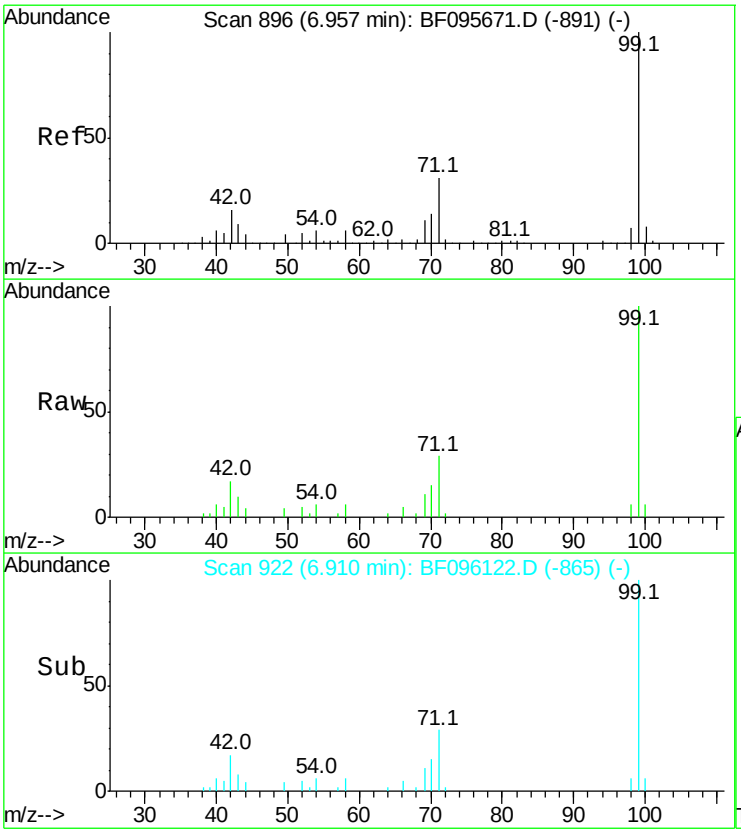
#5
2-Fluorophenol
Concen: 3.38 ng
RT: 5.26 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 19256

Ion	Ratio	Lower	Upper
112	100		
64	50.4	46.0	69.0
63	25.8	23.4	35.0

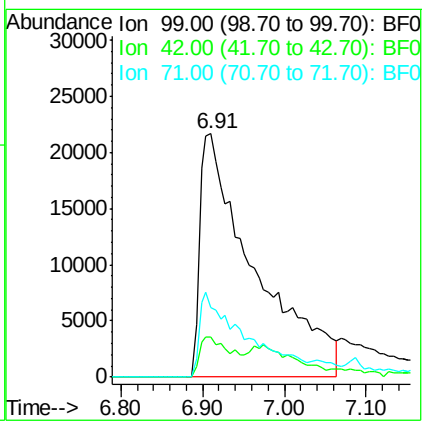


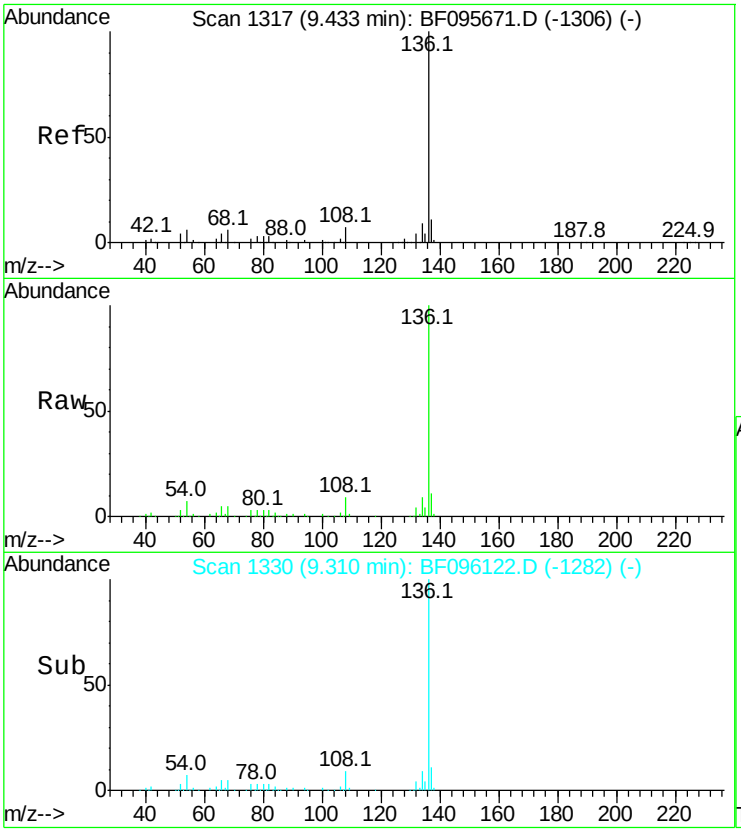


#7
Phenol-d6
Concen: 14.71 ng
RT: 6.91 min Scan# 922
Delta R.T. 0.04 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion: 99 Resp: 100393

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	28.6	24.5	36.7



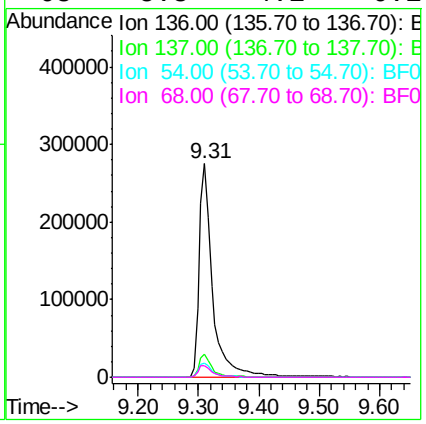


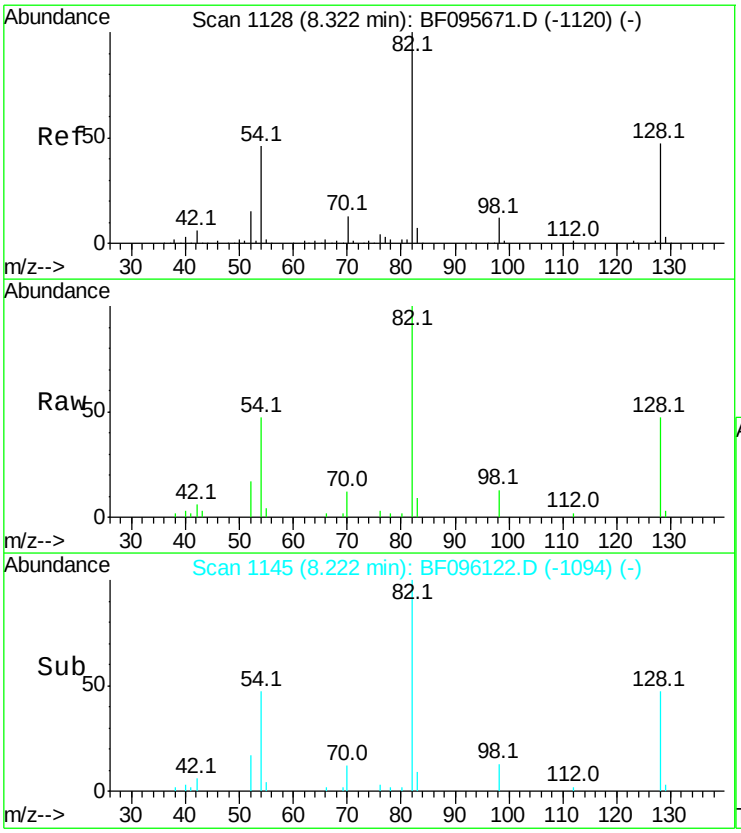
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 432861

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1

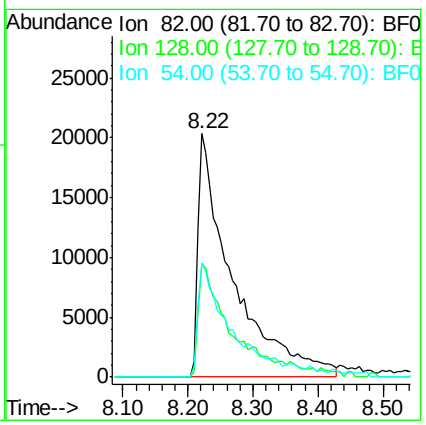


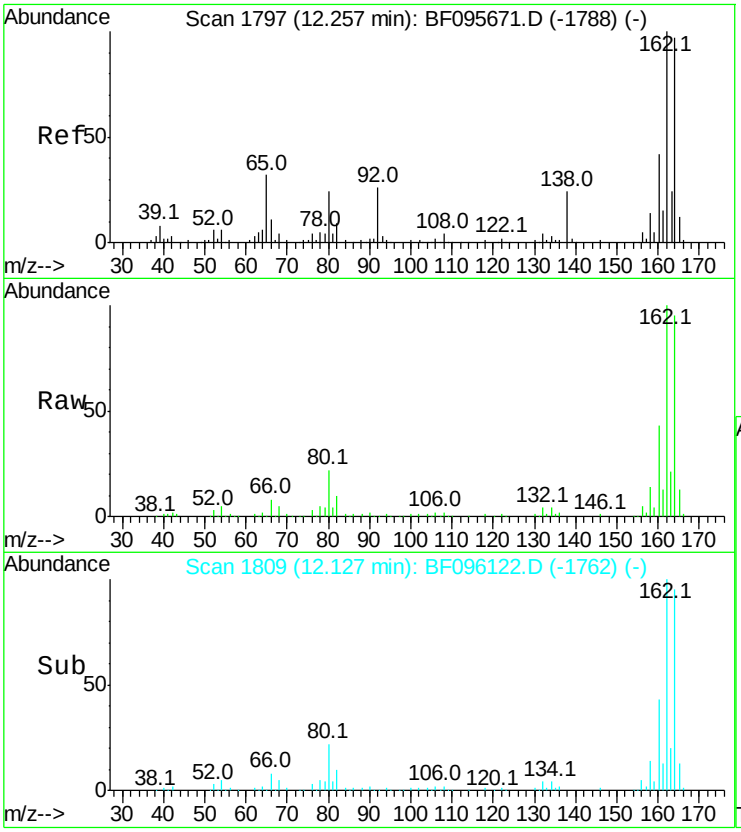


#23
Nitrobenzene-d5
Concen: 10.68 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion: 82 Resp: 74427

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.1	42.2	63.2



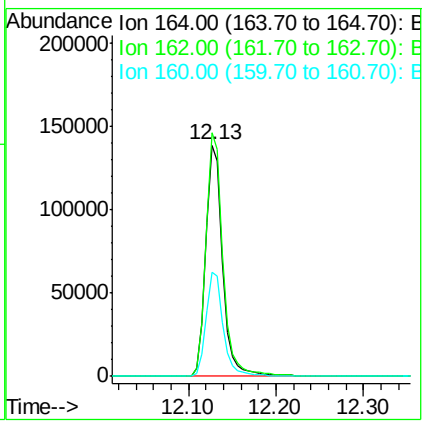


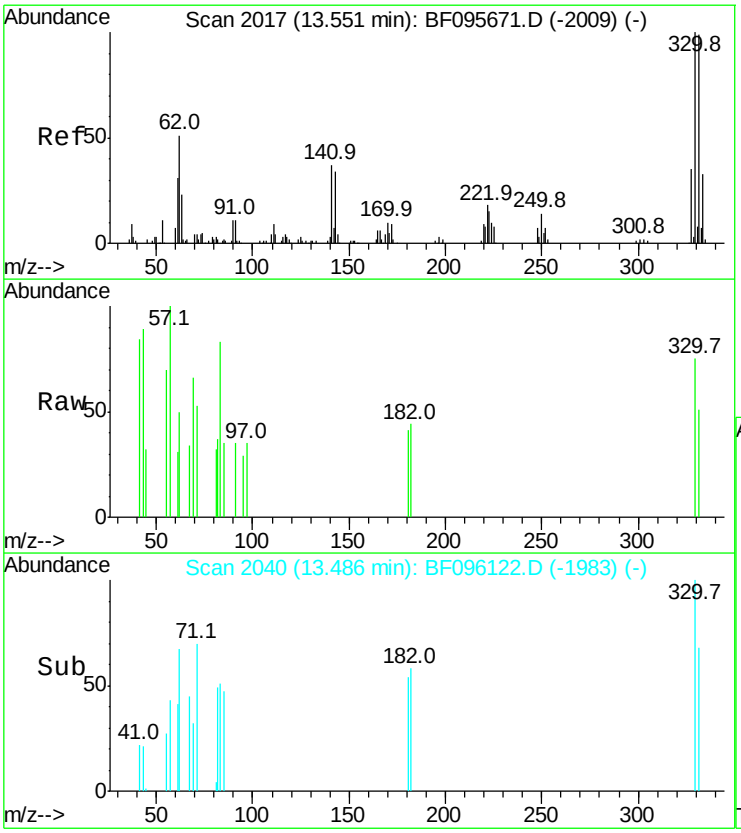
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 186737

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.1	36.2	54.2

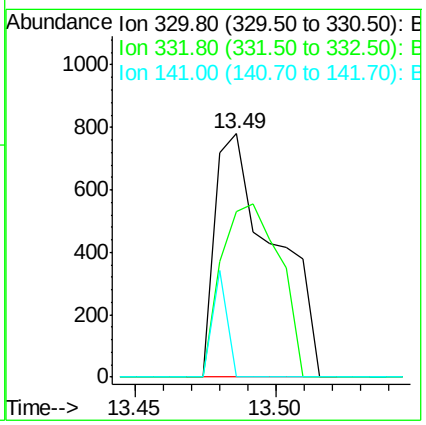


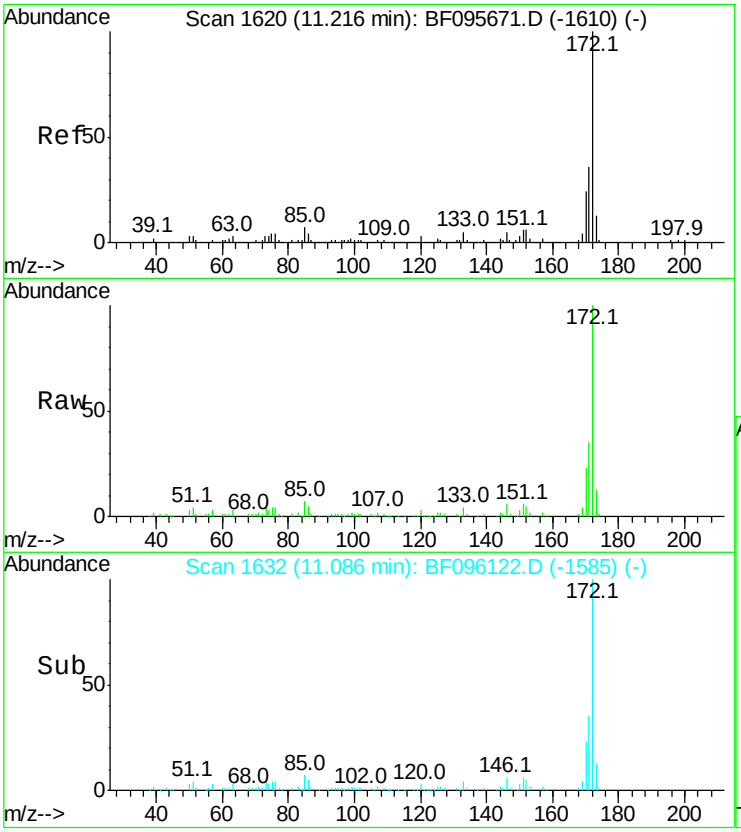


#41
2,4,6-Tribromophenol
Concen: 0.68 ng
RT: 13.49 min Scan# 2040
Delta R.T. 0.04 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:330 Resp: 1124

Ion	Ratio	Lower	Upper
330	100		
332	70.6	76.6	115.0#
141	10.8	31.4	47.2#



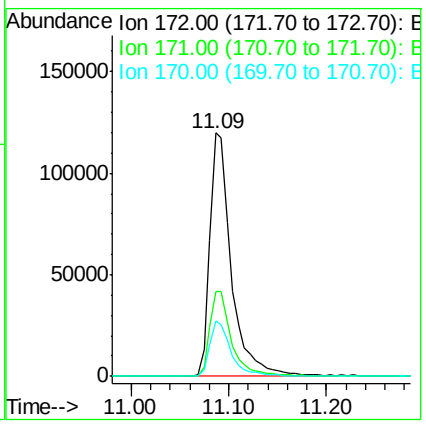


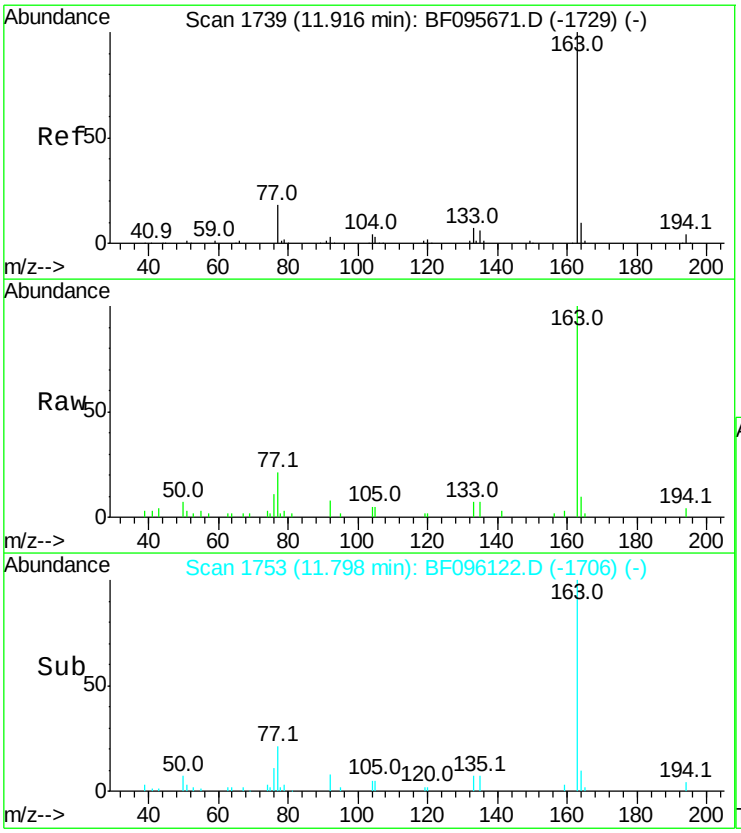
#44
2-Fluorobiphenyl
Concen: 13.65 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 183226

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.0	19.8	29.8

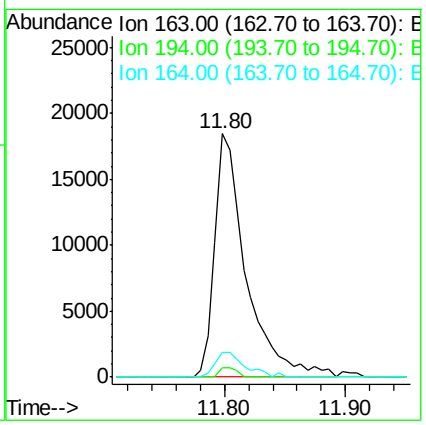


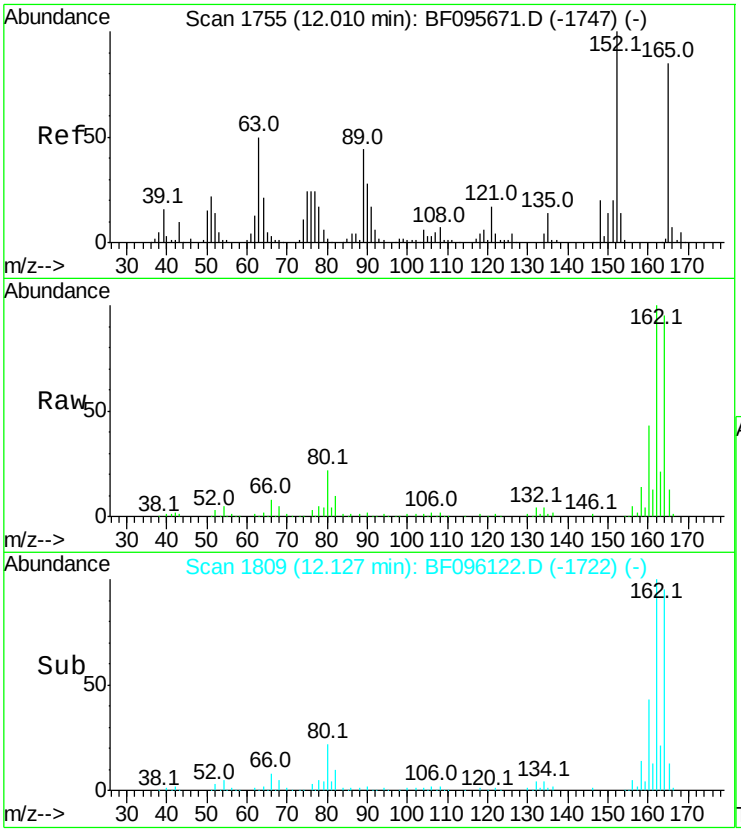


#49
Dimethylphthalate
Concen: 2.34 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:163 Resp: 33111

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.4	12.6



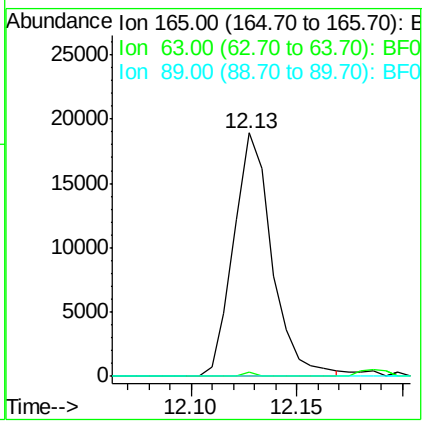


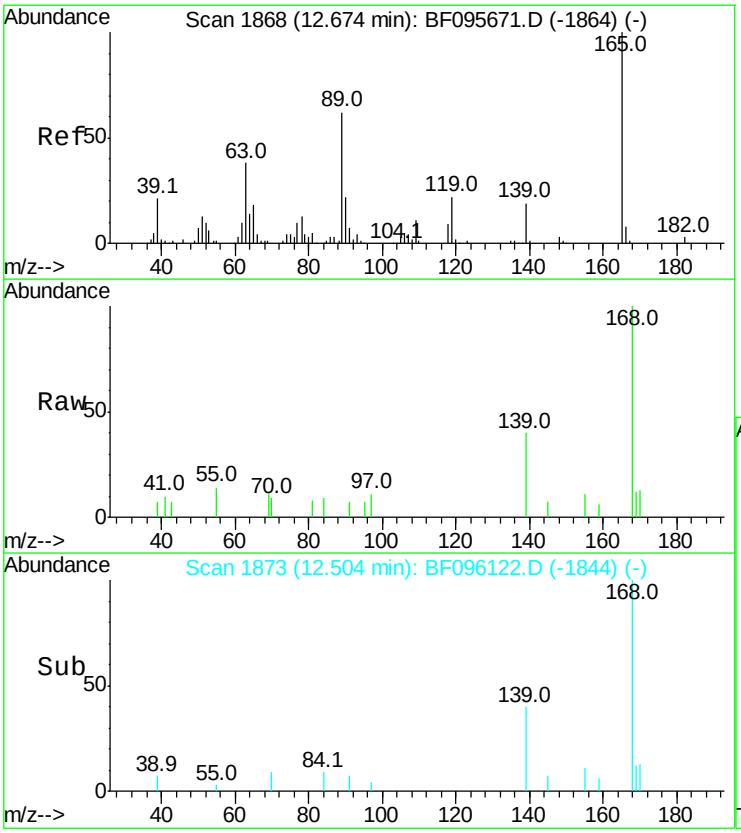
#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 12.13 min Scan# 1809
Delta R.T. 0.21 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23849

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#

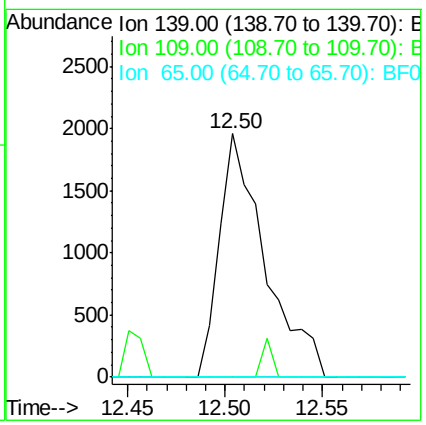


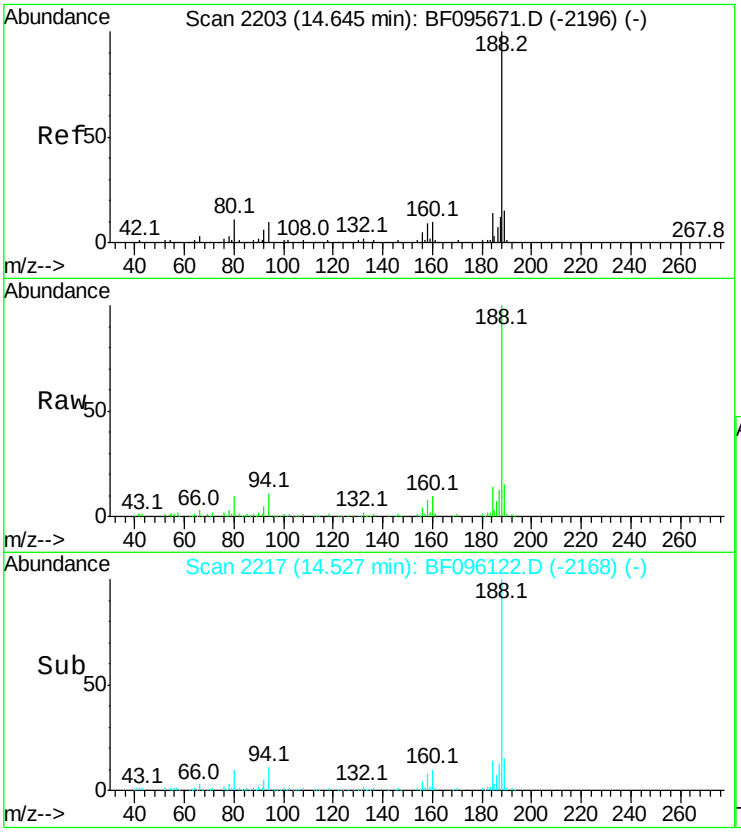


#55
4-Nitrophenol
Concen: 6.05 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.13 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:139 Resp: 3172

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



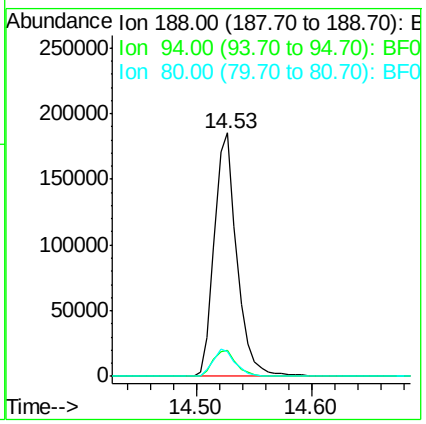


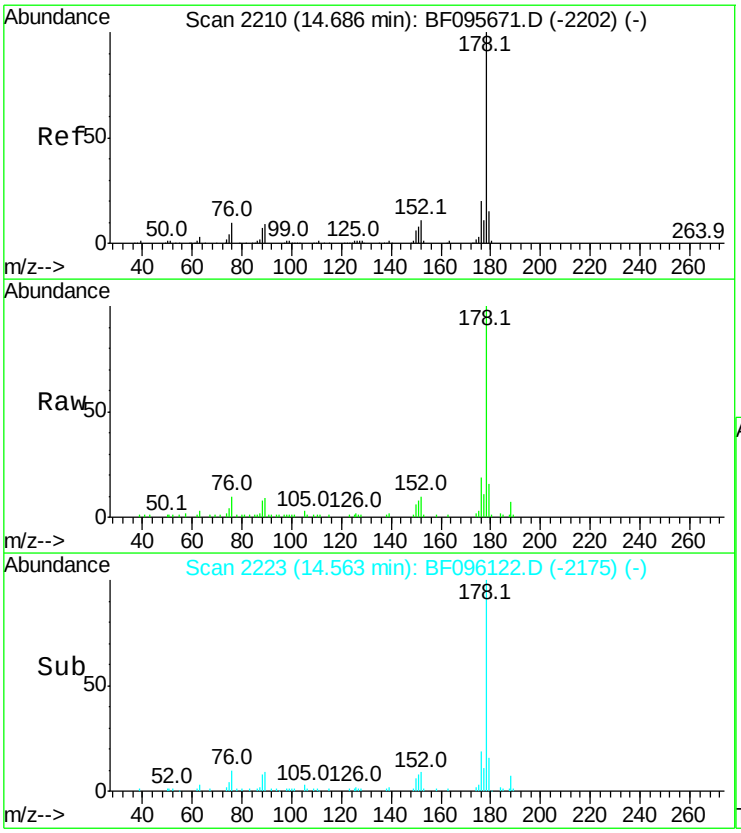
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 252417

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.3	10.2	15.2

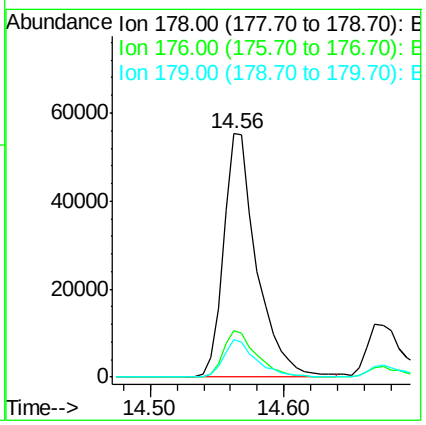


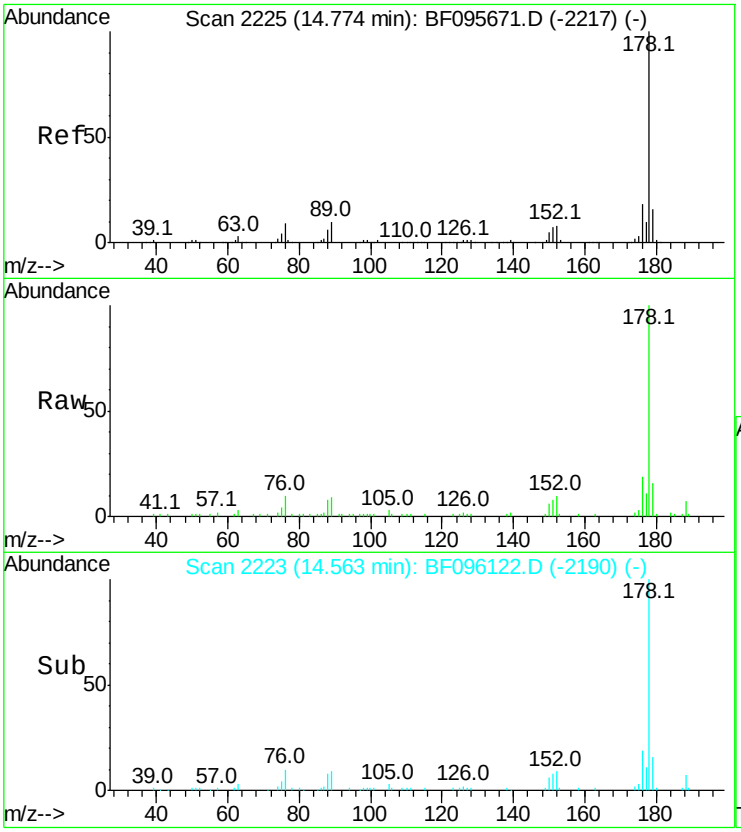


#70
Phenanthrene
Concen: 6.59 ng
RT: 14.56 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:178 Resp: 96029

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0



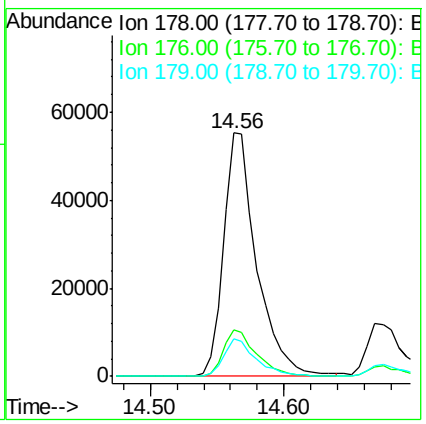


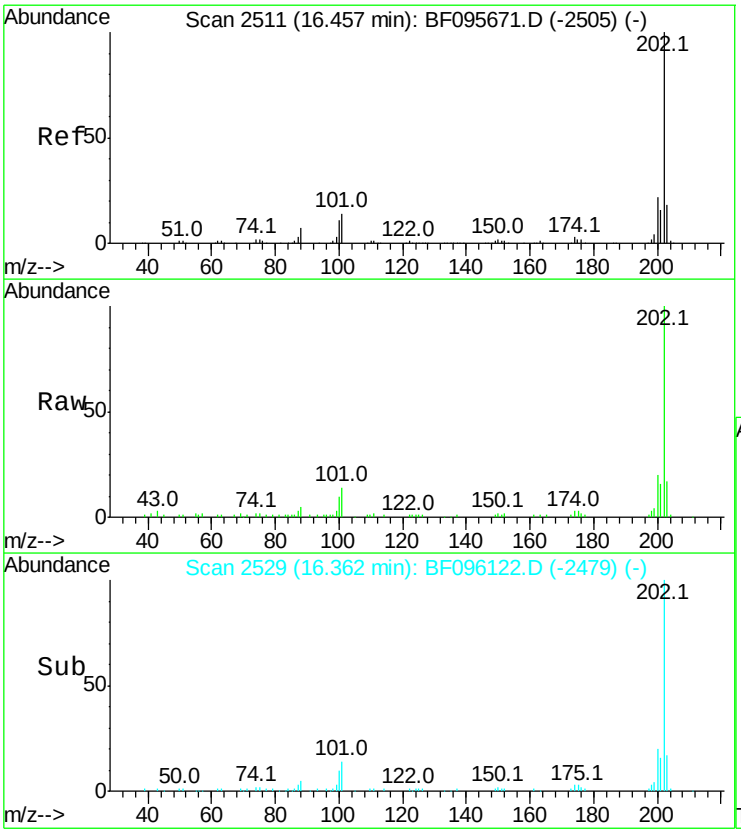
#71
Anthracene
Concen: 6.32 ng
RT: 14.56 min Scan# 2223
Delta R.T. -0.11 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 96029

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	12.7	19.1

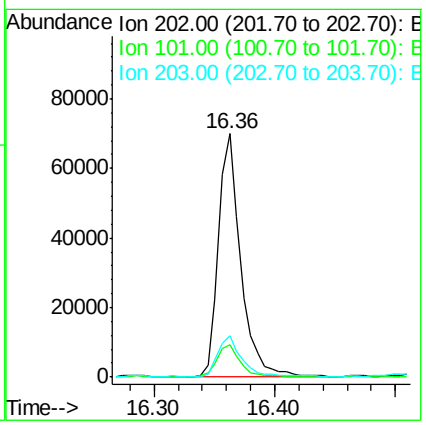


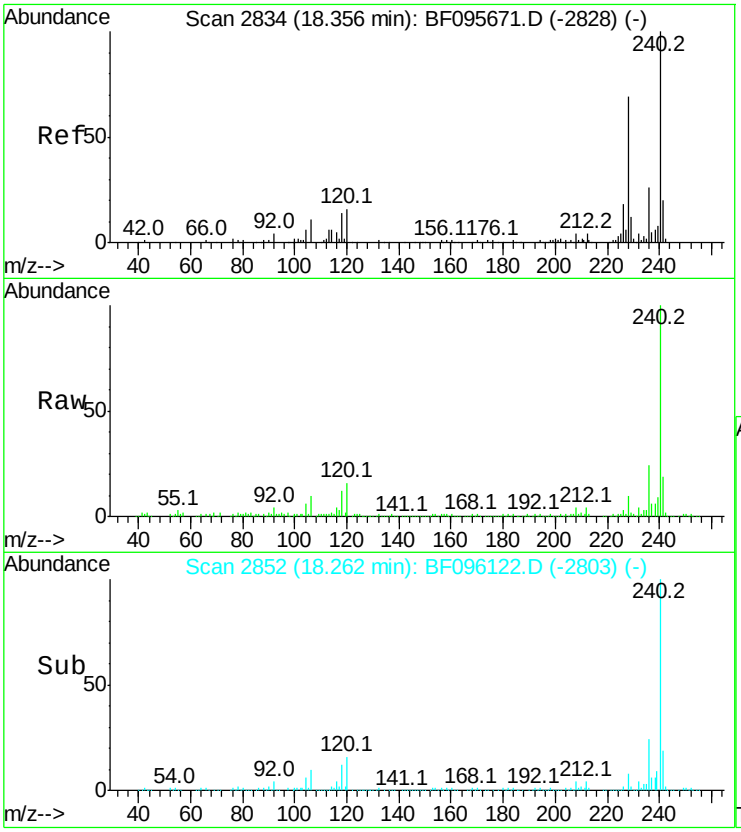


#74
Fluoranthene
Concen: 6.19 ng
RT: 16.36 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:202 Resp: 89285

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	16.8	0.0	38.1



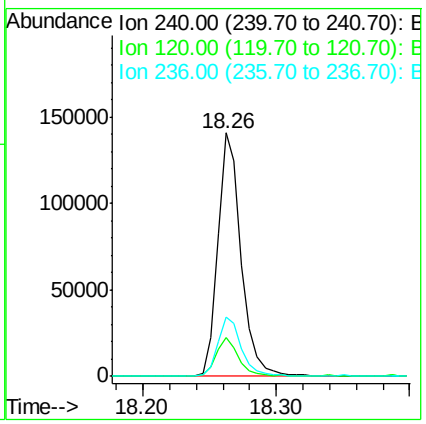


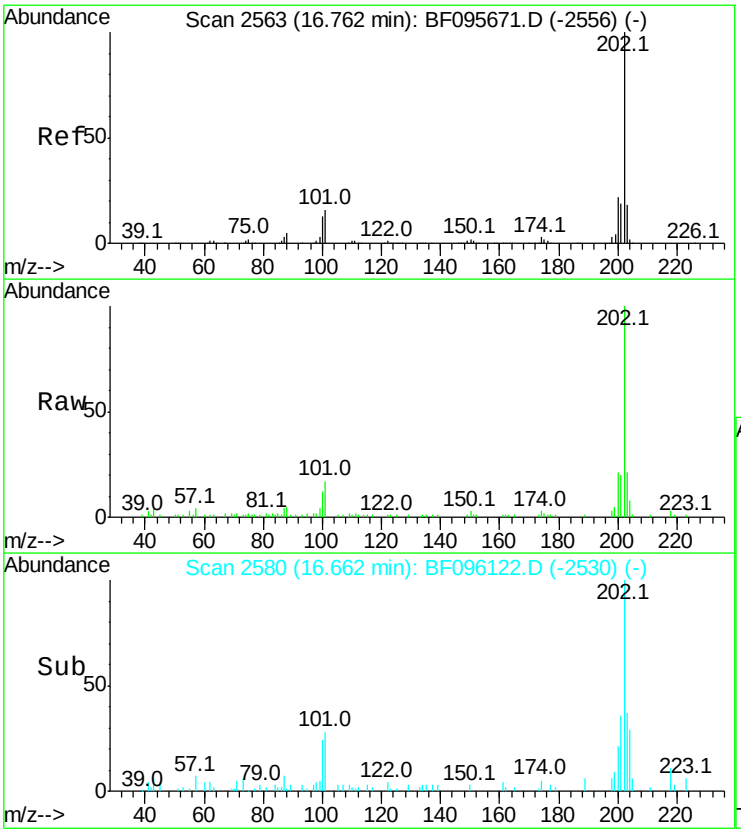
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 172625

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	24.5	20.5	30.7

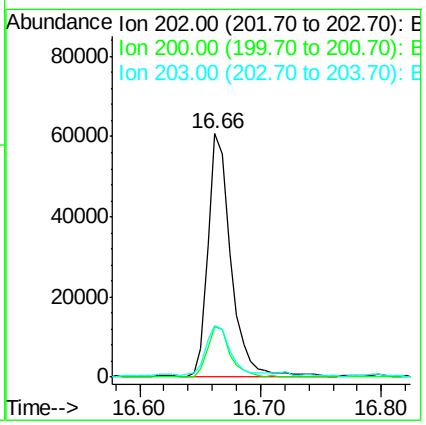


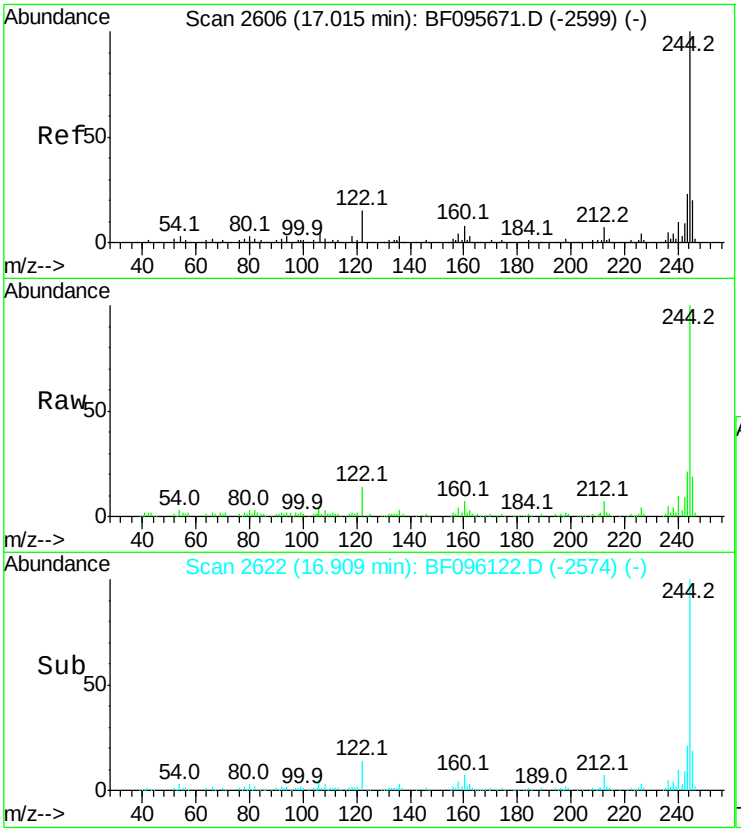


#77
Pyrene
Concen: 6.19 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:202 Resp: 79728

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	21.3	14.4	21.6



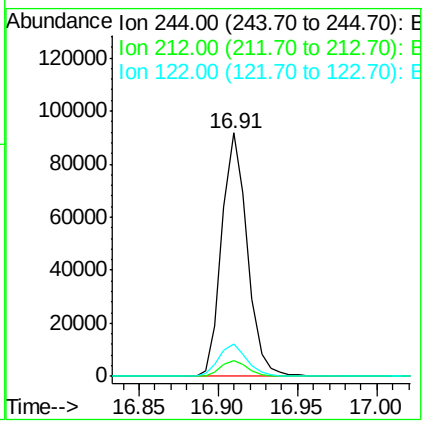


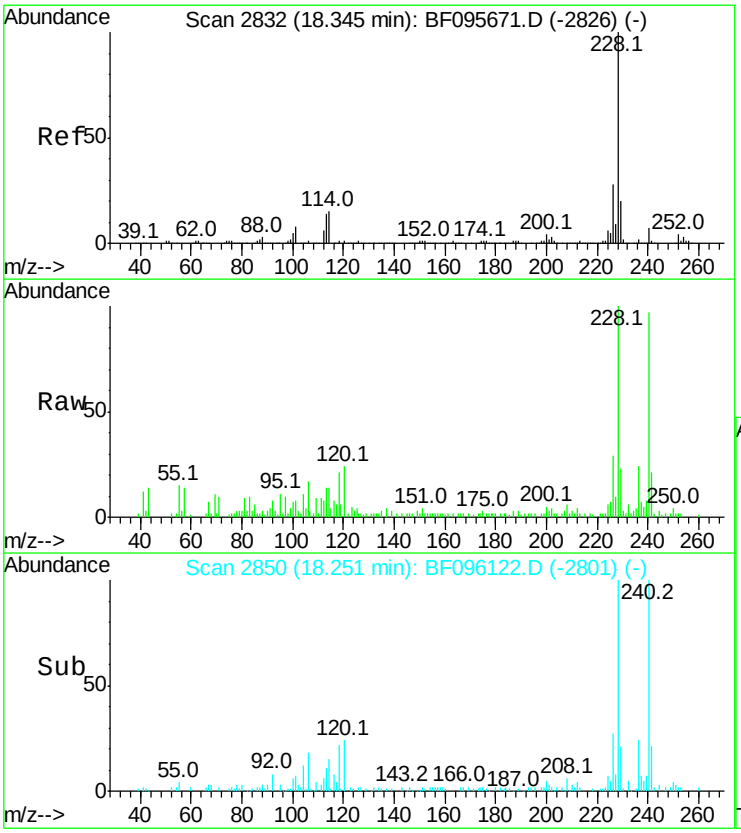
#78
Terphenyl-d14
Concen: 14.72 ng
RT: 16.91 min Scan# 2622
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 102359

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.6	10.3	15.5

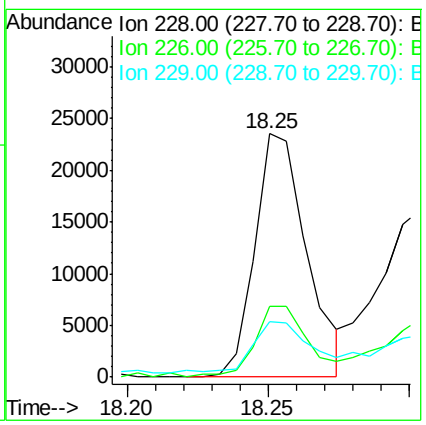


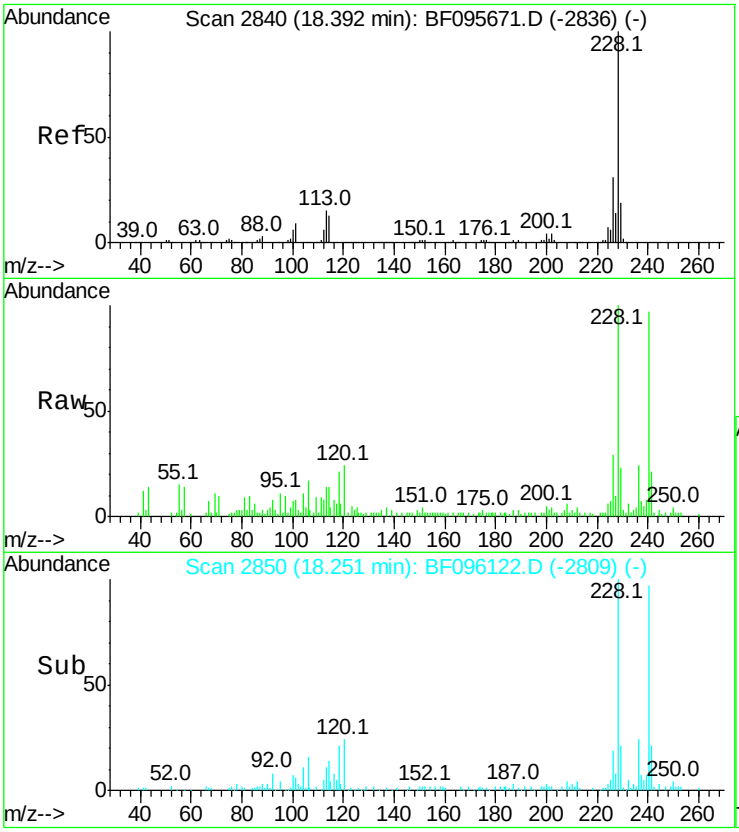


#80
Benzo(a)anthracene
Concen: 2.99 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:228 Resp: 29988

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.8	16.3	24.5



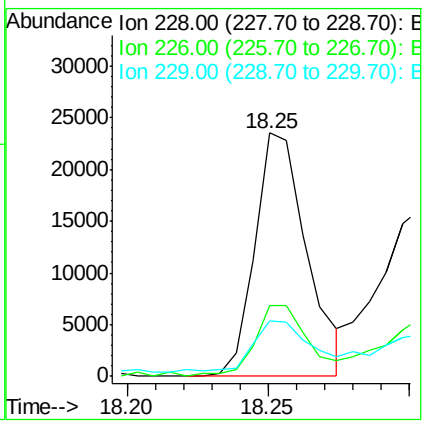


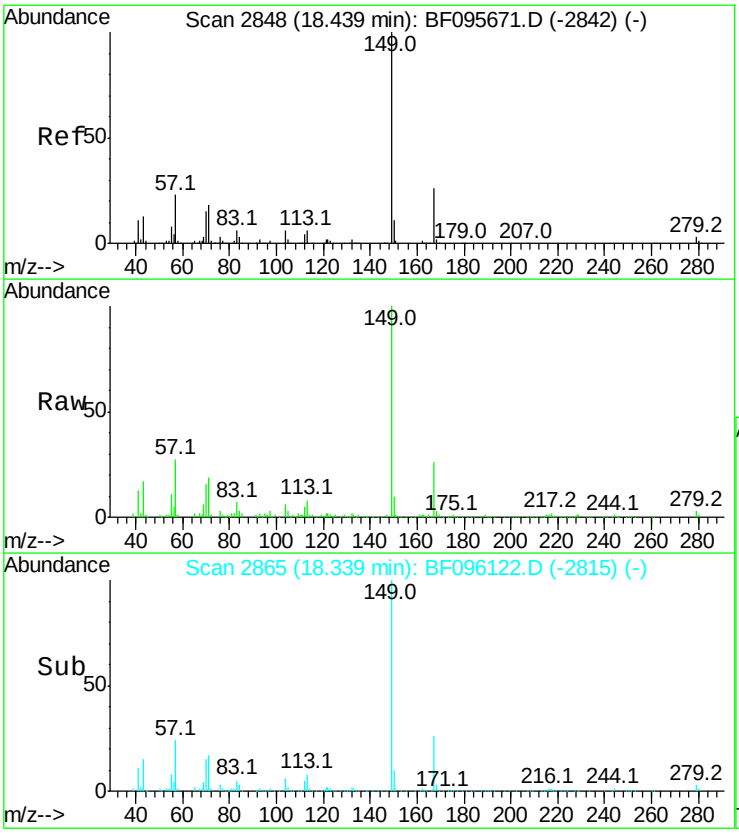
#82
Chrysene
Concen: 2.99 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.06 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29988

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	22.8	15.8	23.6

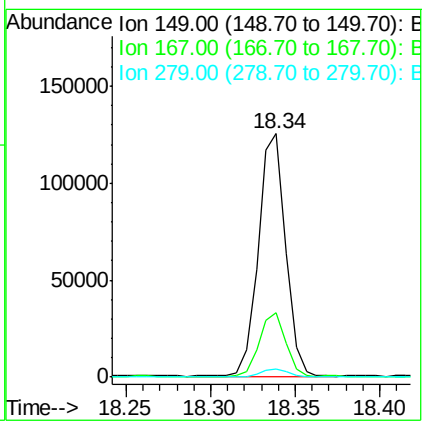


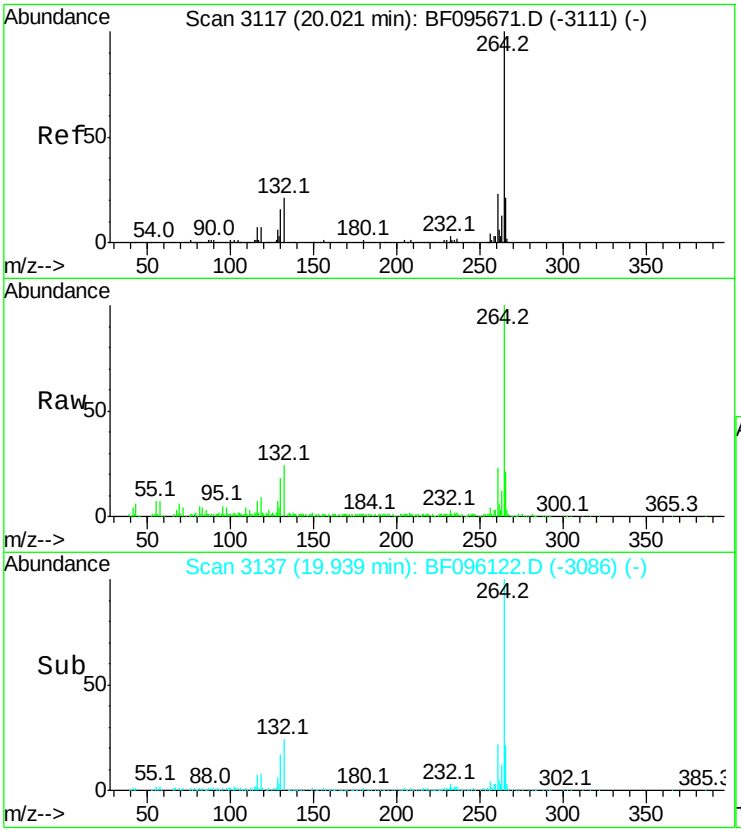


#83
Bis(2-ethylhexyl)phthalate
Concen: 17.53 ng
RT: 18.34 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:149 Resp: 139125

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.4	1.9	2.9#



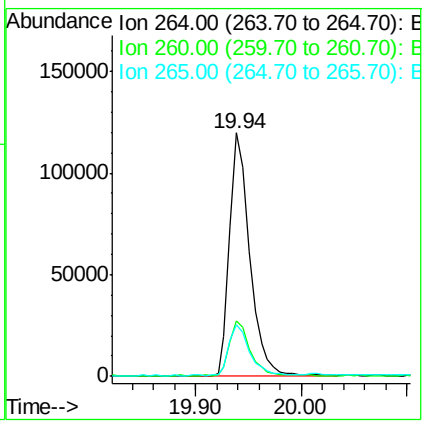


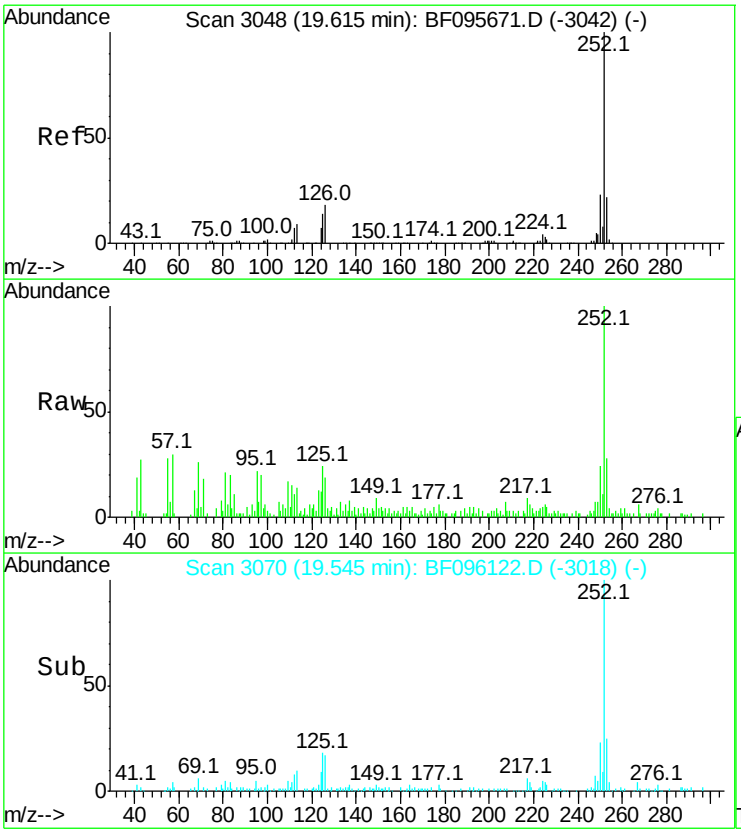
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 159589

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.4	17.2	25.8

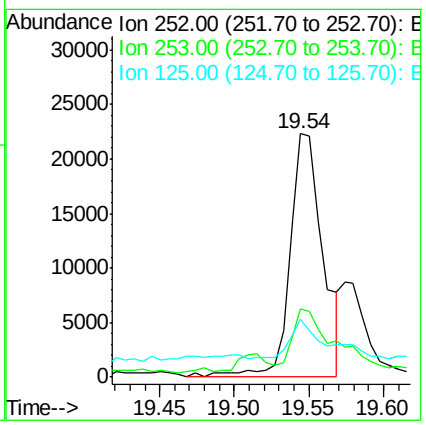


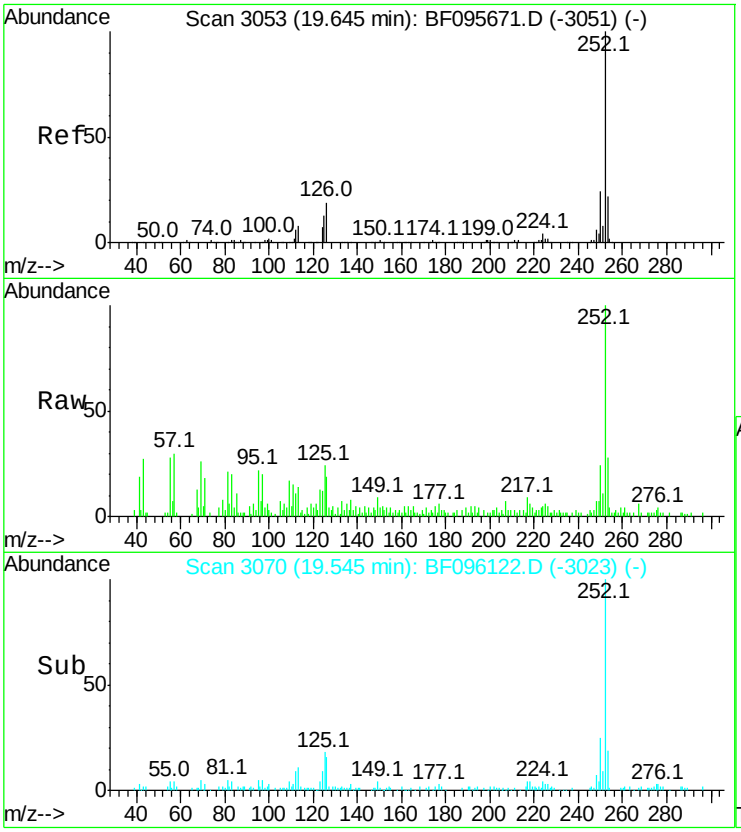


#87
Benzo(b)fluoranthene
Concen: 3.46 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:252 Resp: 34586

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	23.8	9.8	14.8#



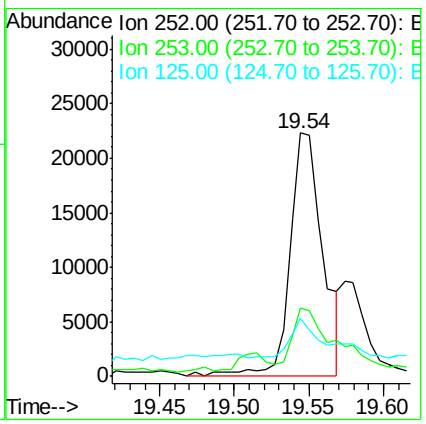


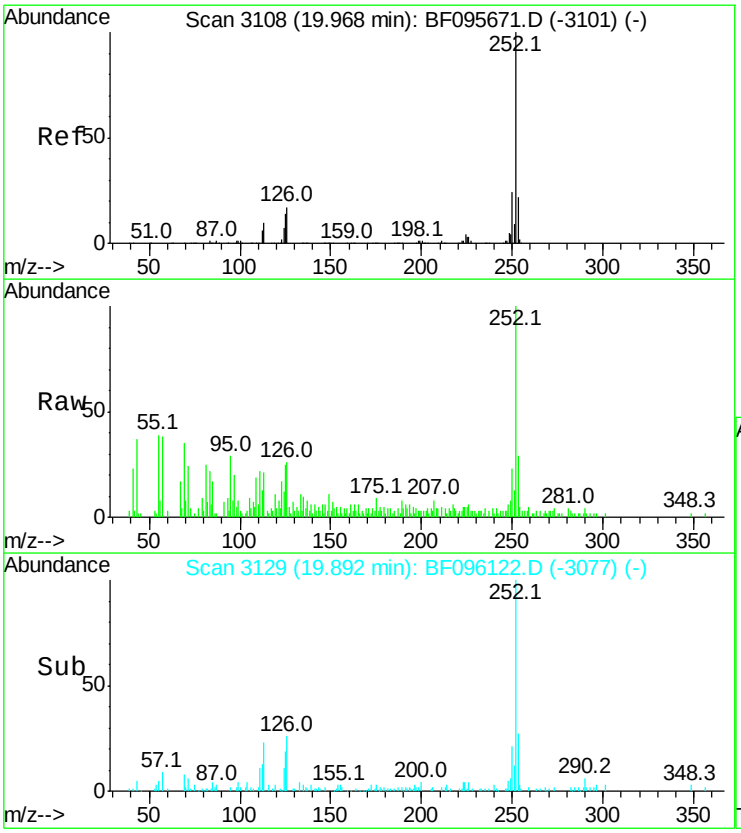
#88
Benzo(k)fluoranthene
Concen: 3.62 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 34586

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.4	27.6#
125	23.8	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.33 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096122.D
Acq: 22 Jun 2017 15:12

Tgt Ion:252 Resp: 21386

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	25.5	11.0	16.4#