Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
Data File : BF096692.D
Acq On : 12 Jul 2017 15:27
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 15:55:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	97898	20.00	ng		-0.04
21) Naphthalene-d8	7.95	136	396477	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	164915	20.00	ng		-0.04
63) Phenanthrene-d10	11.17	188	234720	20.00	ng		-0.04
75) Chrysene-d12	13.80	240	201367	20.00	ng		-0.04
86) Perylene-d12	15.20	264	176804	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	21768	3.28	ng		-0.04
7) Phenol-d6	6.30	99	118267	14.50	ng		-0.05
23) Nitrobenzene-d5	7.22	82	92190	13.97	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	380	0.29	ng		-0.04
44) 2-Fluorobiphenyl	9.02	172	181581	18.83	ng		-0.04
78) Terphenyl-d14	12.76	244	118661	12.59	ng		-0.04
Target Compounds							Qvalue
49) Dimethylphthalate	9.42	163	42964	3.490	ng	#	97
50) 2,6-Dinitrotoluene	9.70	165	21371	7.850	ng	#	33
56) 2,4-Dinitrotoluene	9.70	165	21371	6.199	ng	#	32
70) Phenanthrene	11.20	178	64003	5.044	ng		100
71) Anthracene	11.20	178	64003	4.950	ng		99
74) Fluoranthene	12.38	202	66541	5.349	ng		96
77) Pyrene	12.61	202	59414	3.676	ng		100
80) Benzo(a)anthracene	13.80	228	28857	2.475	ng		94
82) Chrysene	13.83	228	27974	2.291	ng	#	92
87) Benzo(b)fluoranthene	14.81	252	41028	3.703	ng	#	72
88) Benzo(k)fluoranthene	14.81	252	41028	4.140	ng	#	77
89) Benzo(a)pyrene	15.14	252	22531	2.278	ng	#	75

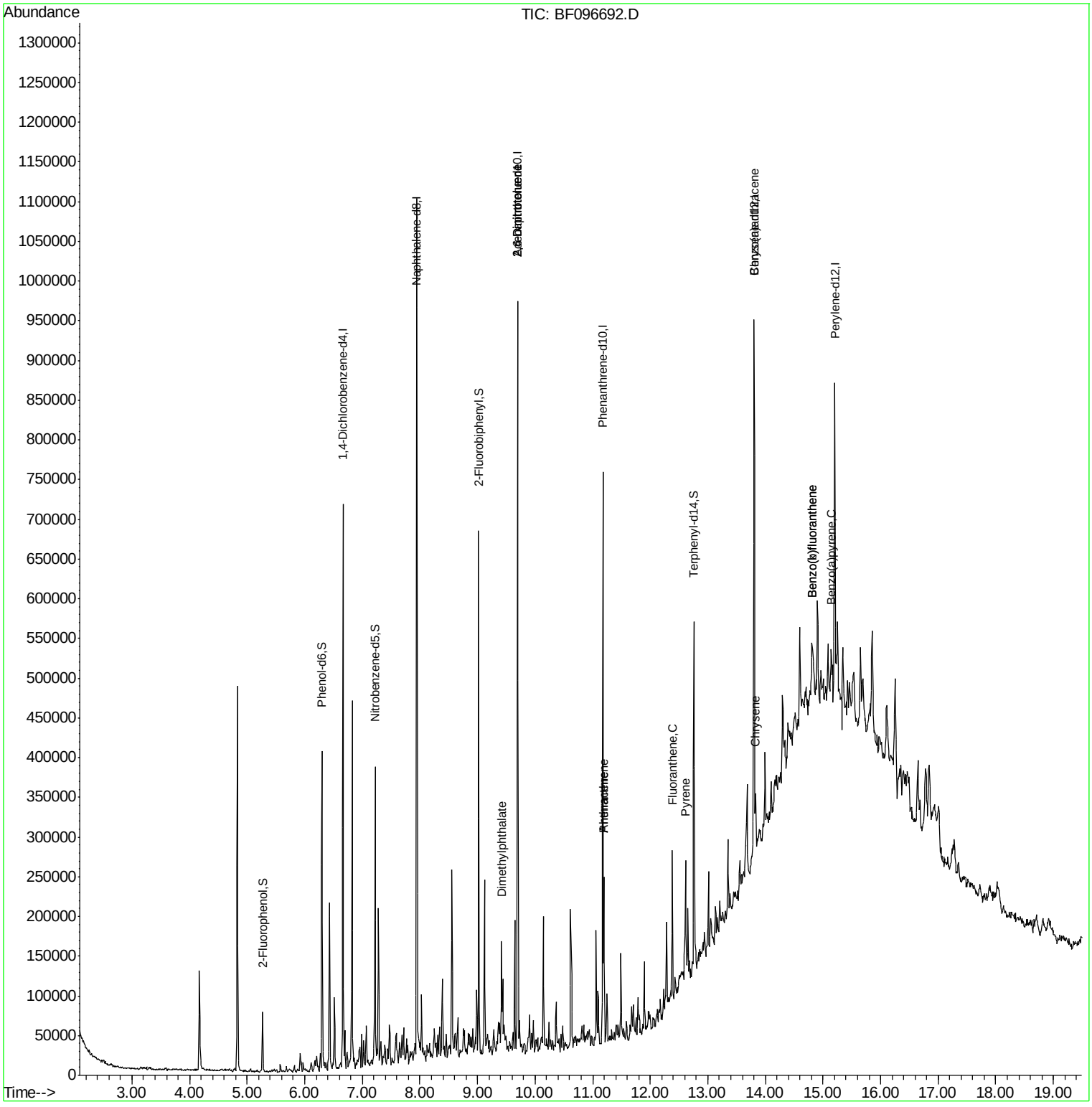
(#) = qualifier out of range (m) = manual integration (+) = signals summed

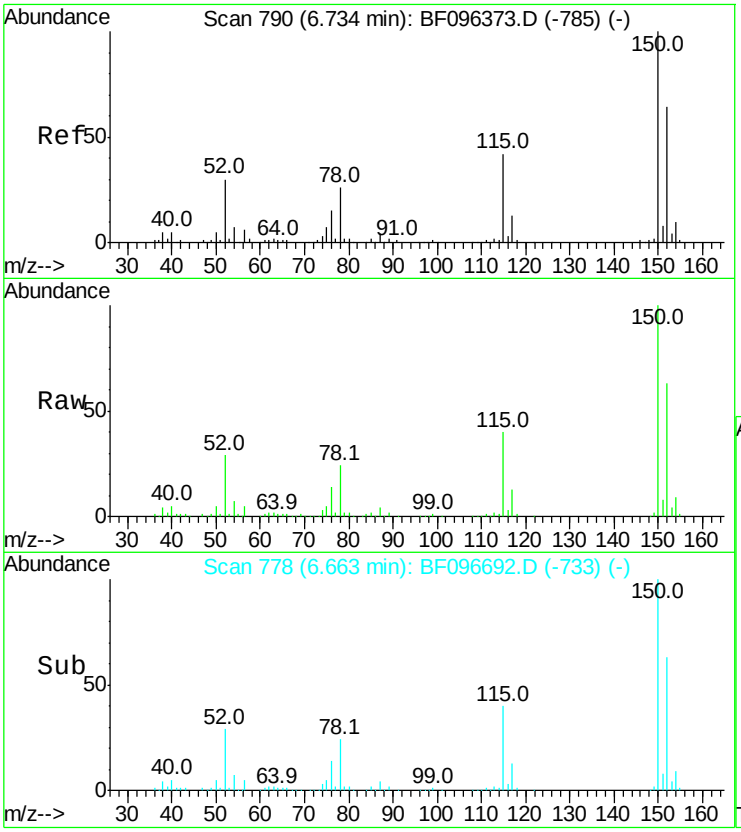
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
Data File : BF096692.D
Acq On : 12 Jul 2017 15:27
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 15:55:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



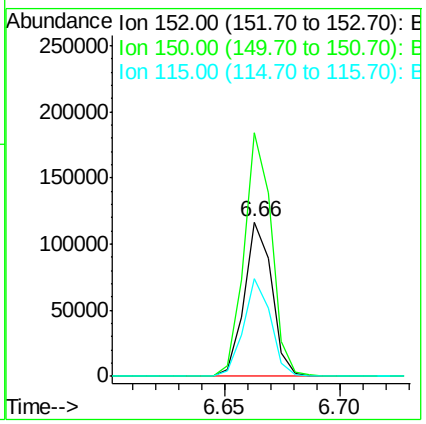


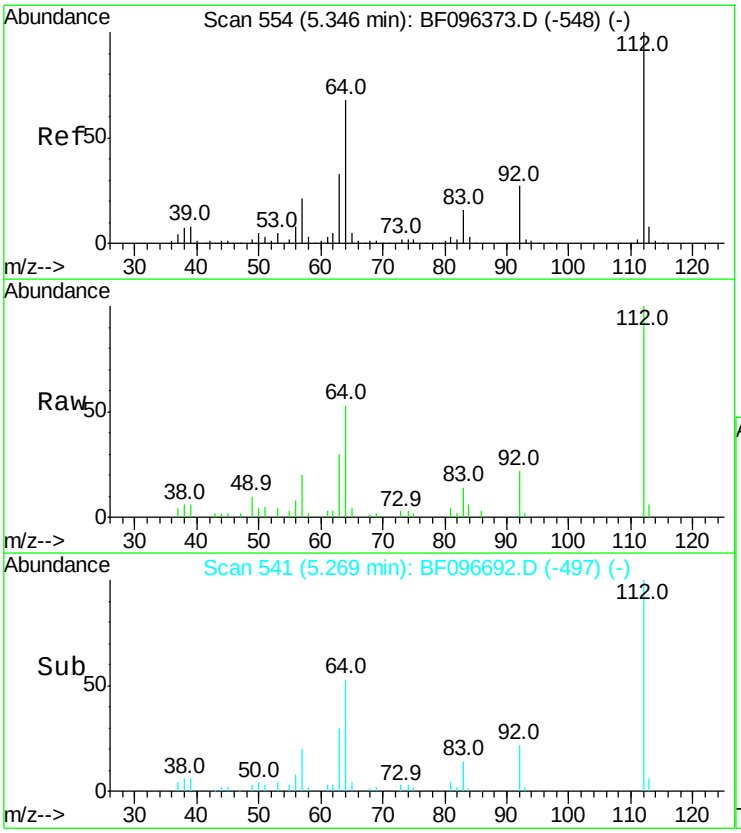
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97898

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	63.5	52.2	78.2

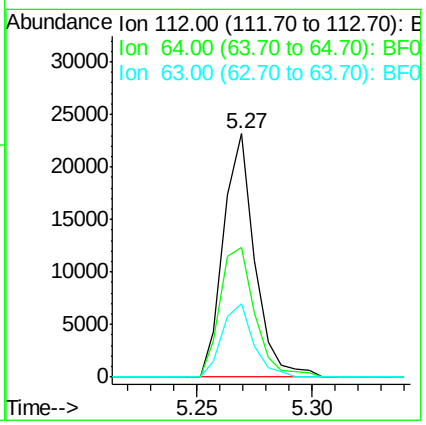


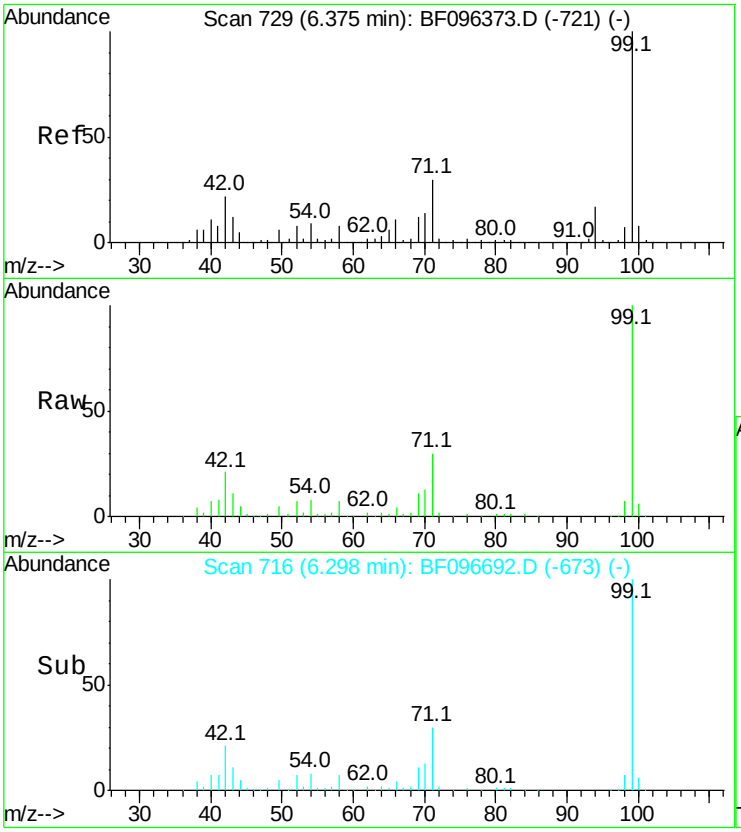


#5
2-Fluorophenol
Concen: 3.282 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:112 Resp: 21768

Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.0	69.0
63	30.1	23.4	35.0



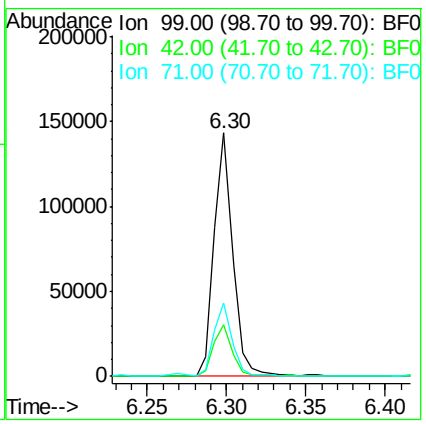


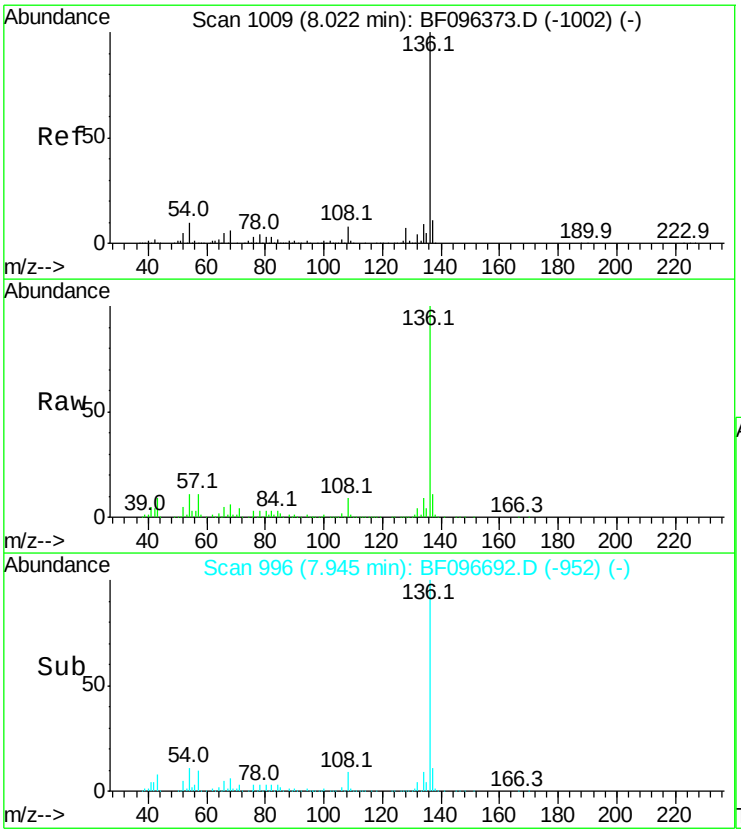
#7
Phenol-d6
Concen: 14.504 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 118267

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	30.4	24.5	36.7

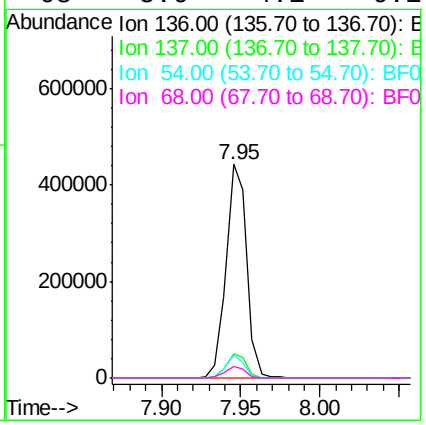


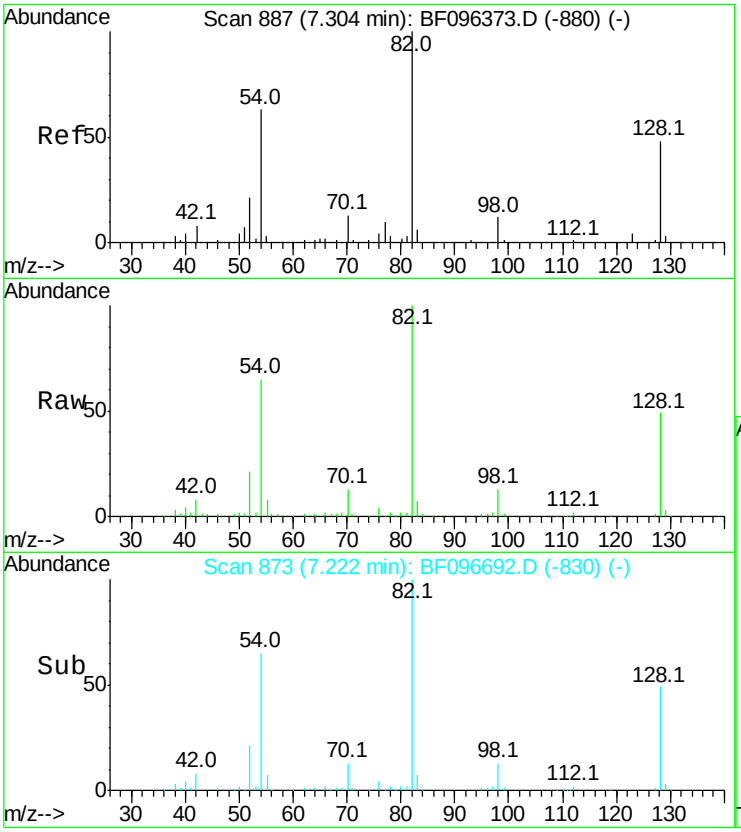


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:136 Resp: 396477

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	5.6	4.1	6.1



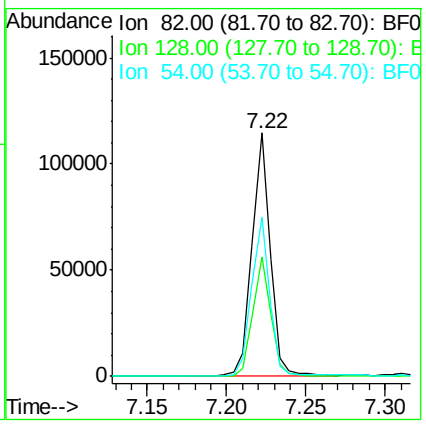


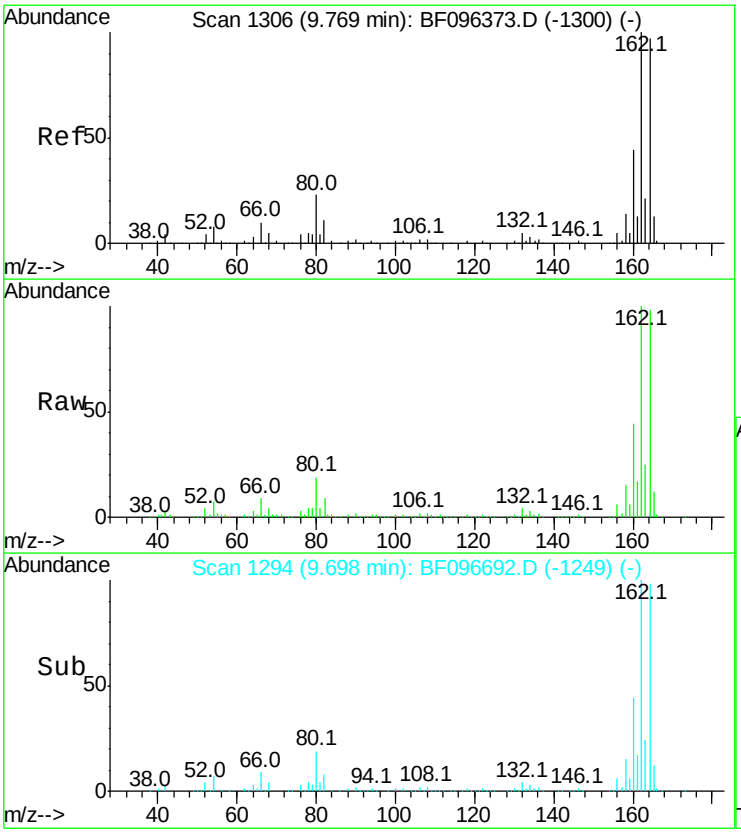
#23
Nitrobenzene-d5
Concen: 13.972 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92190

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	65.3	42.2	63.2#

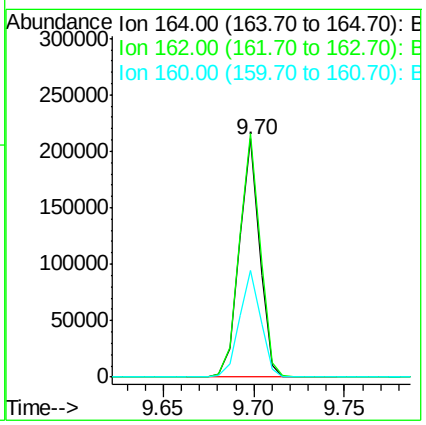


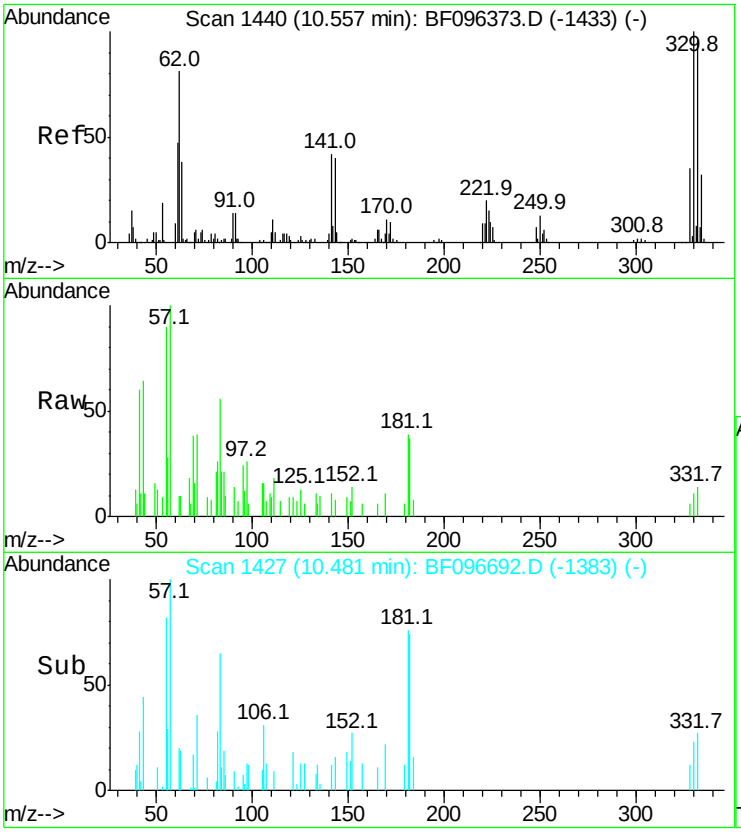


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:164 Resp: 164915

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.8	36.2	54.2



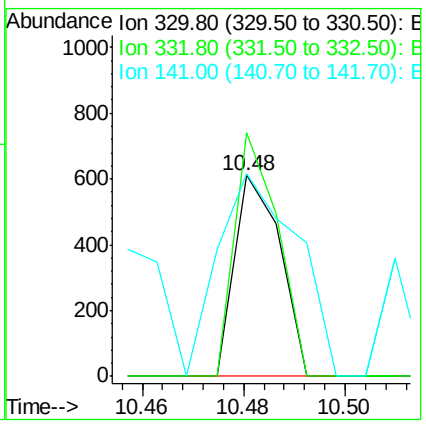


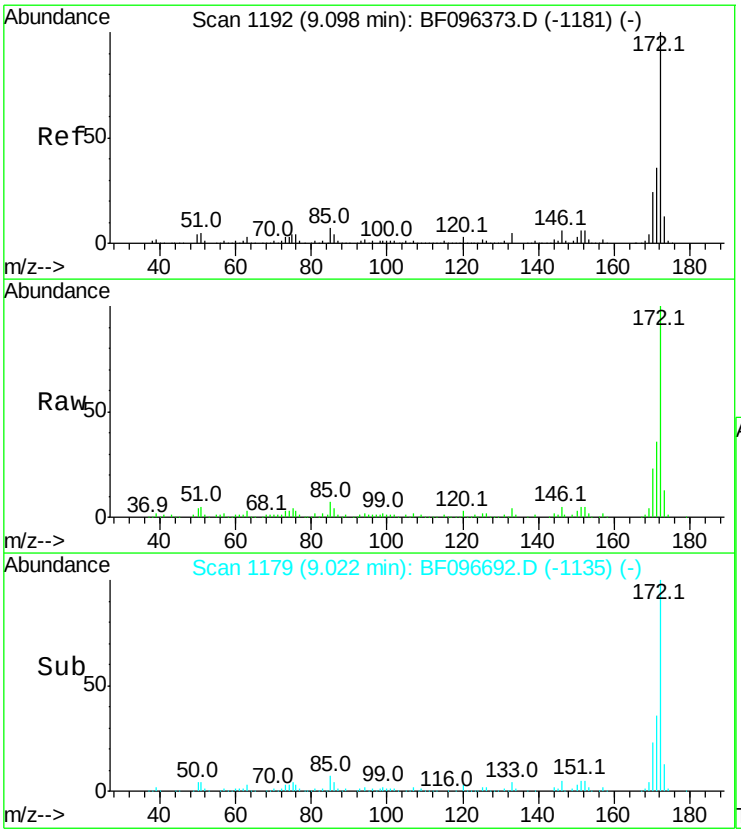
#41
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 380

Ion	Ratio	Lower	Upper
330	100		
332	114.7	76.6	115.0
141	175.5	31.4	47.2#

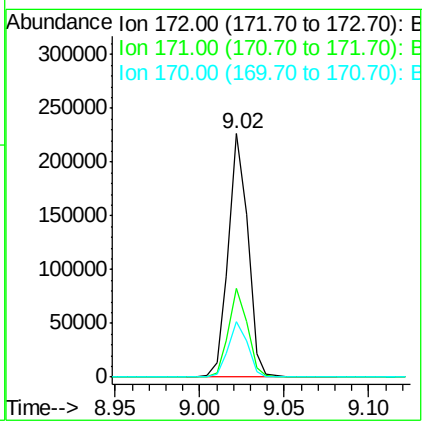


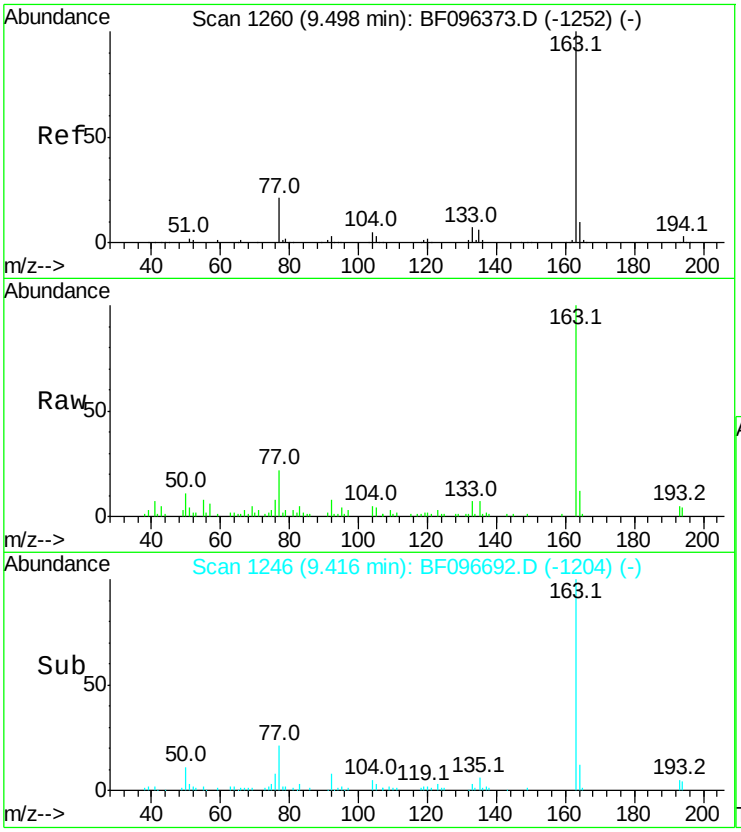


#44
2-Fluorobiphenyl
Concen: 18.826 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:172 Resp: 181581

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.0	19.8	29.8



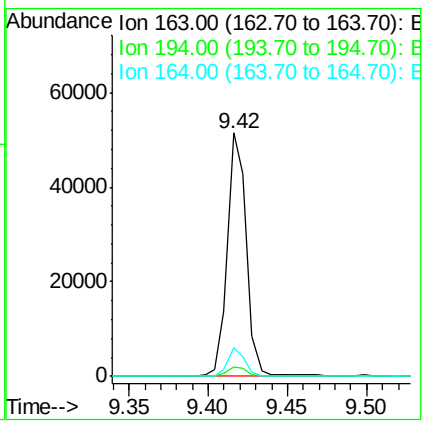


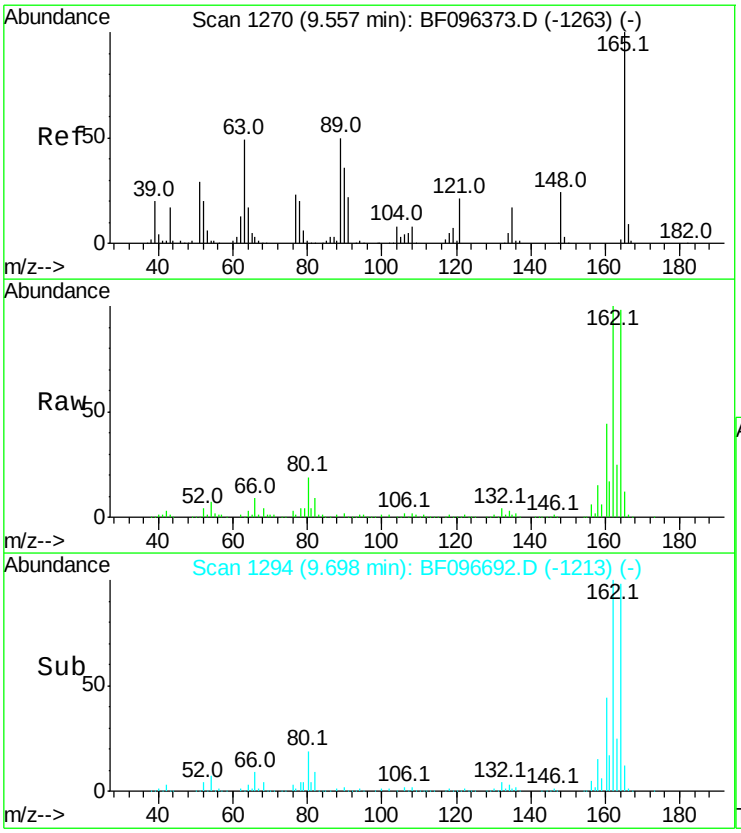
#49
Dimethylphthalate
Concen: 3.490 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 42964

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	11.9	8.4	12.6

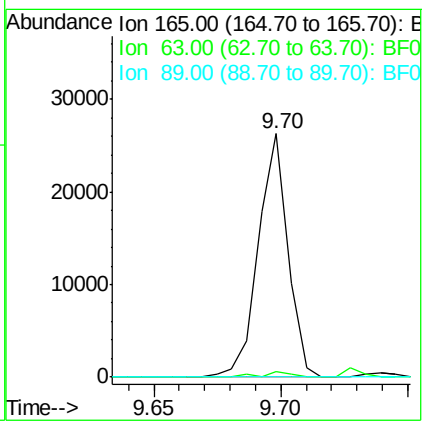


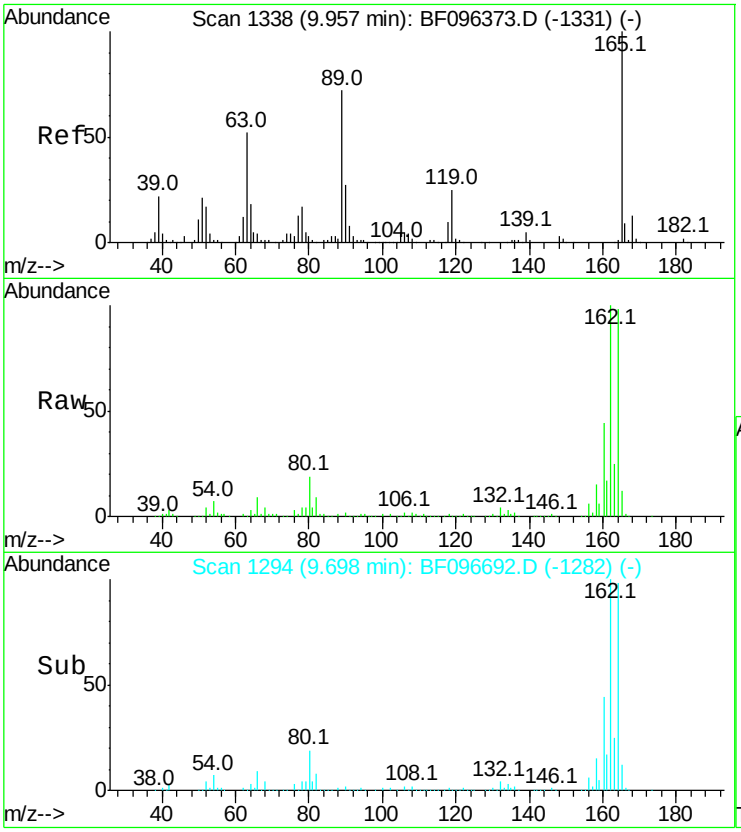


#50
2,6-Dinitrotoluene
Concen: 7.850 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.18 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:165 Resp: 21371

Ion	Ratio	Lower	Upper
165	100		
63	2.5	34.3	51.5#
89	0.0	37.1	55.7#



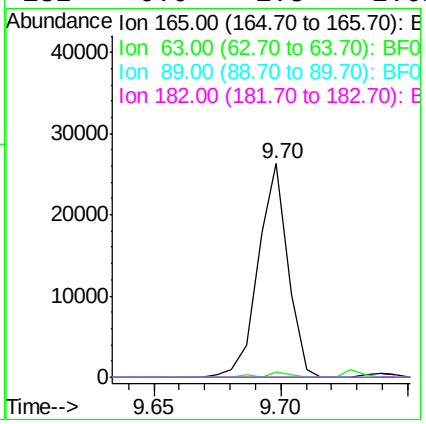


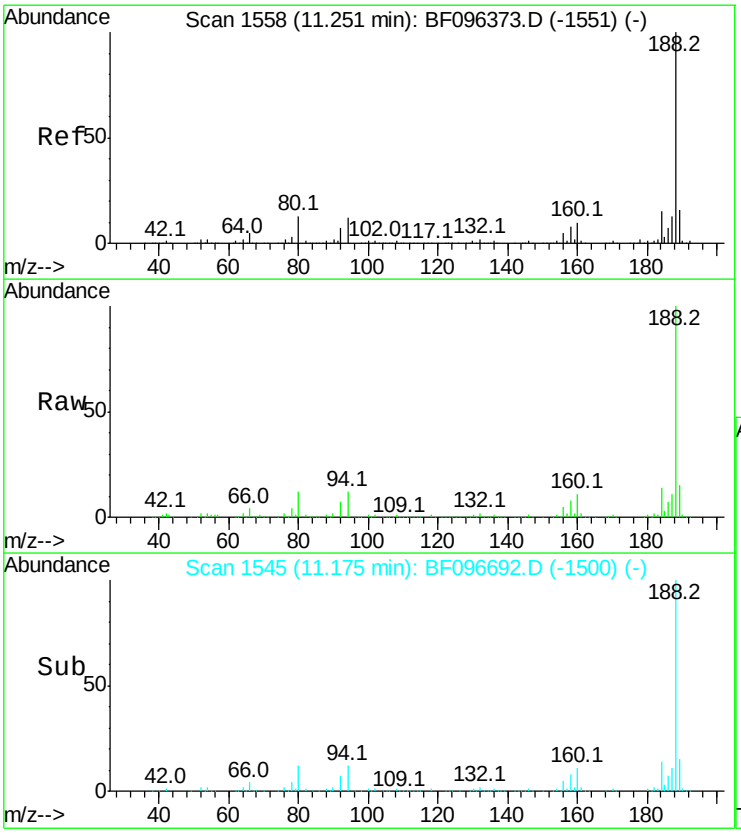
#56
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21371

Ion	Ratio	Lower	Upper
165	100		
63	2.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

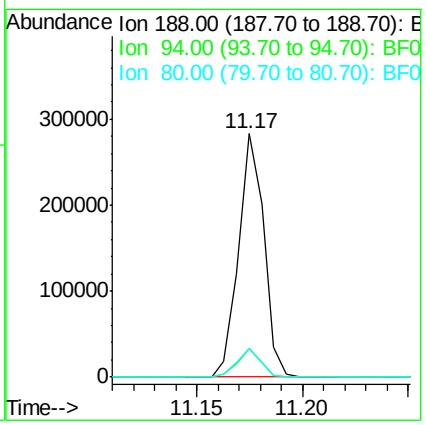


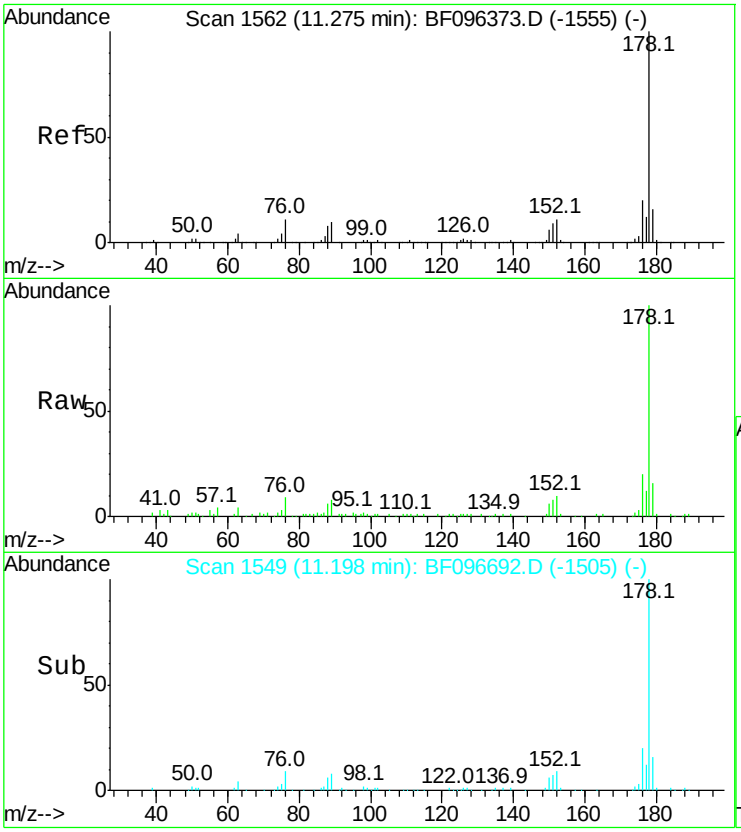


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:188 Resp: 234720

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.7	10.2	15.2



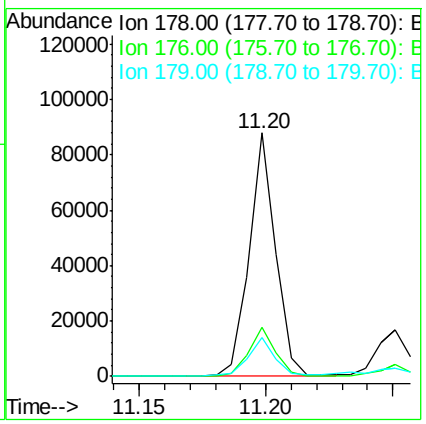


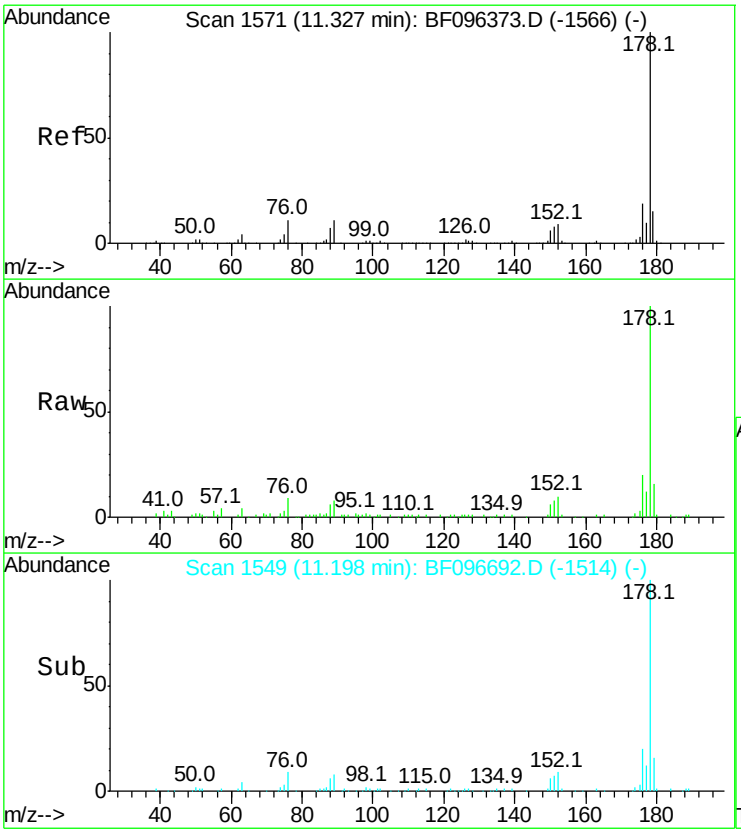
#70
Phenanthrene
Concen: 5.044 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64003

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.0	12.6	19.0

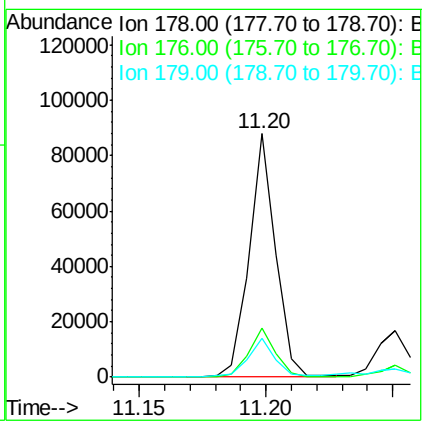


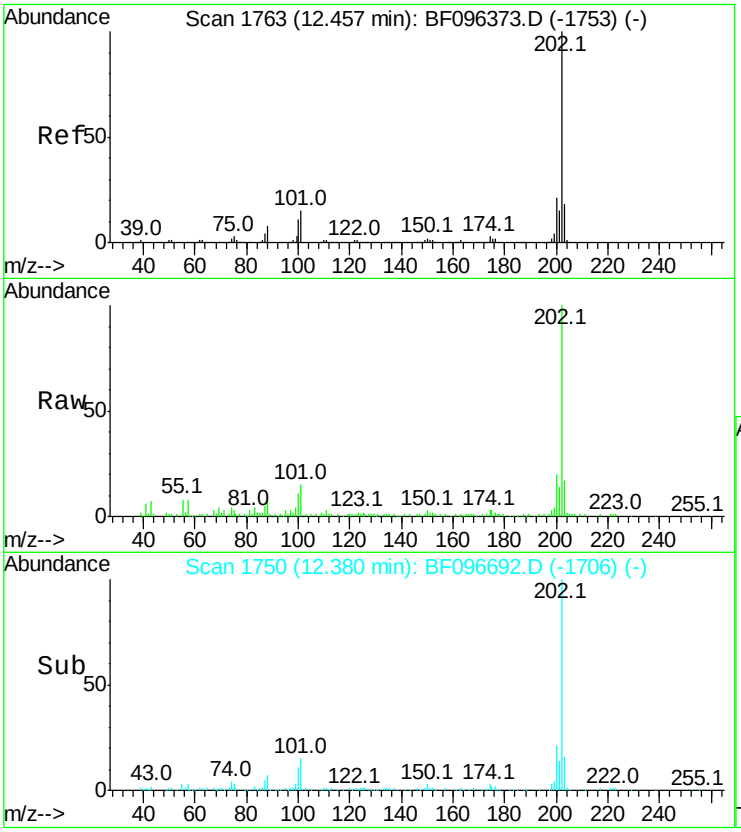


#71
Anthracene
Concen: 4.950 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.09 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:178 Resp: 64003

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.0	12.7	19.1



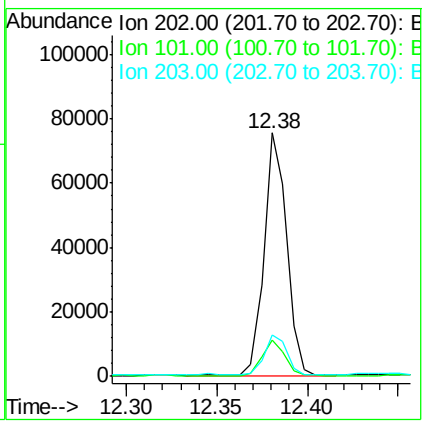


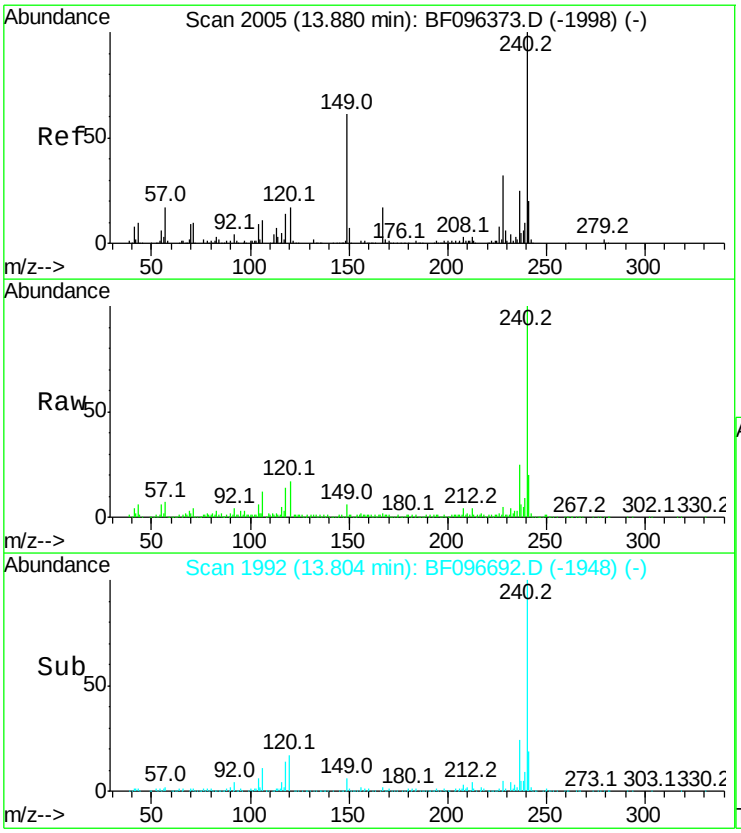
#74
Fluoranthene
Concen: 5.349 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66541

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	16.7	0.0	38.1

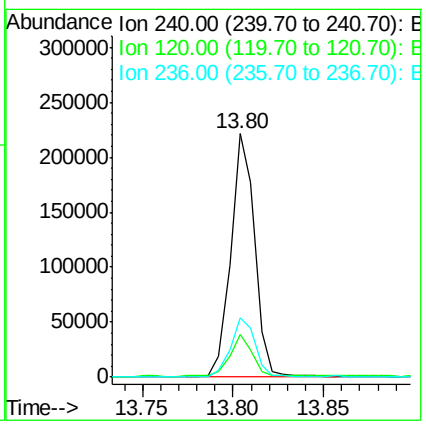


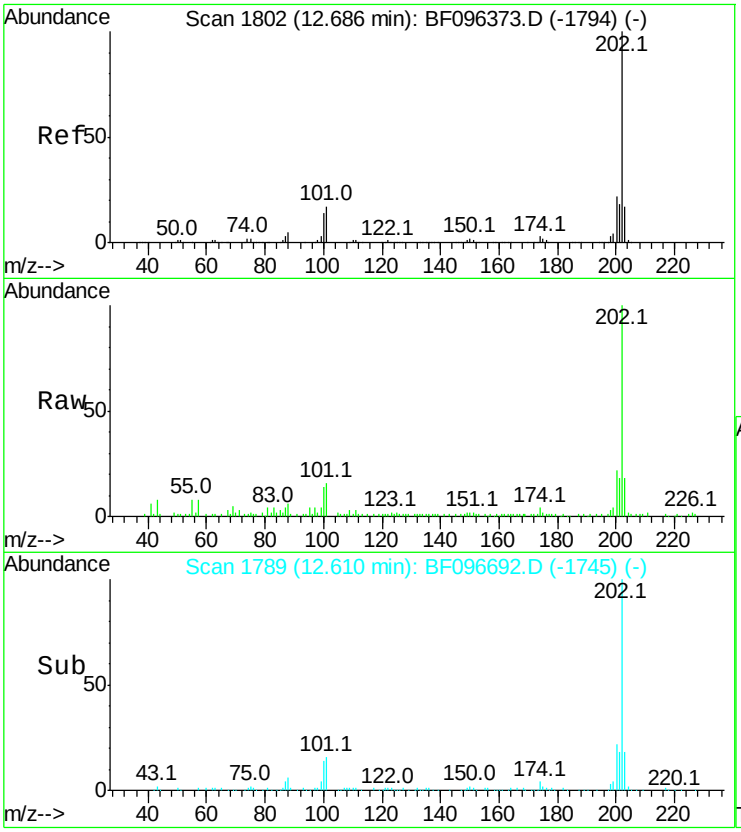


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:240 Resp: 201367

Ion	Ratio	Lower	Upper
240	100		
120	17.3	5.8	8.8#
236	24.5	20.5	30.7



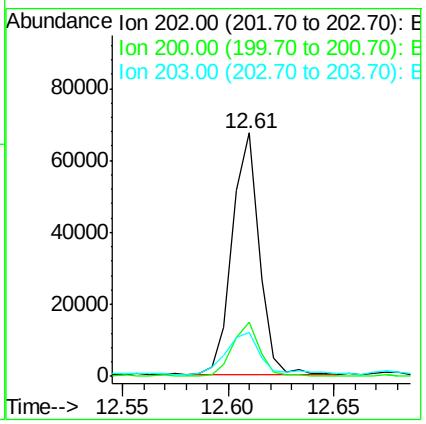


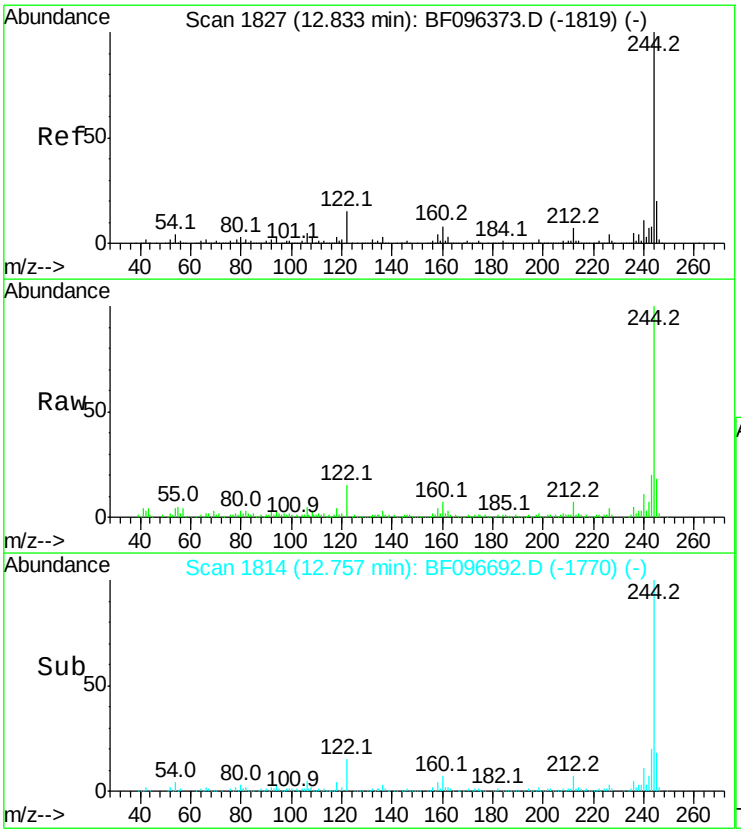
#77
Pyrene
Concen: 3.676 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 59414

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.4	21.6

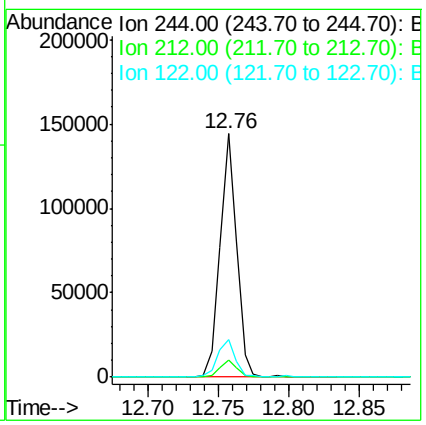


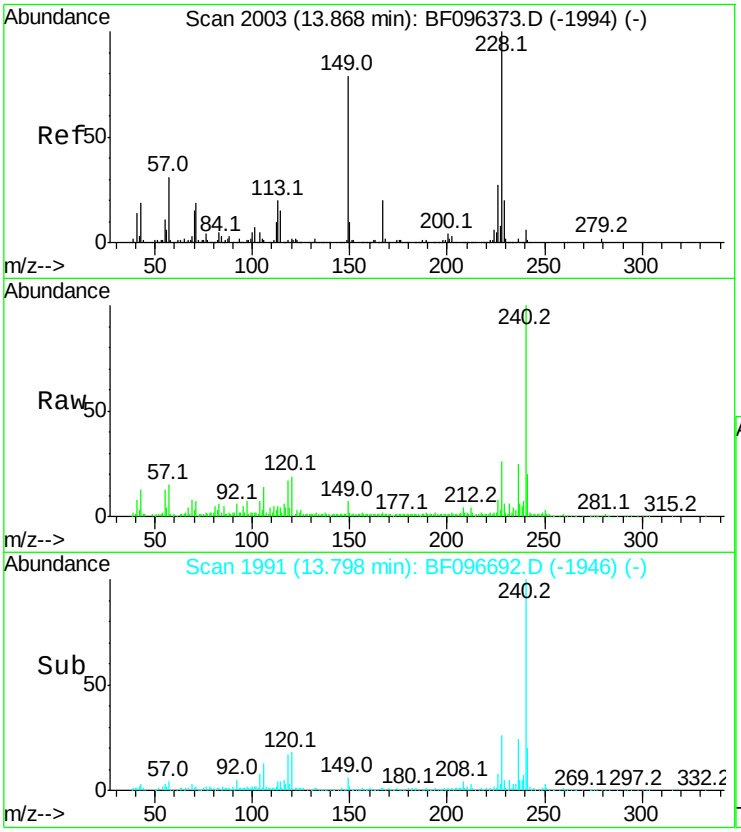


#78
Terphenyl-d14
Concen: 12.592 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:244 Resp: 118661

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.2	10.3	15.5



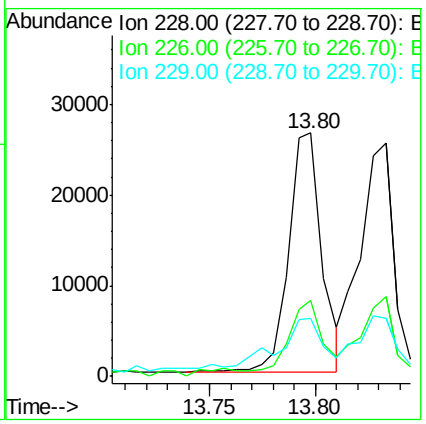


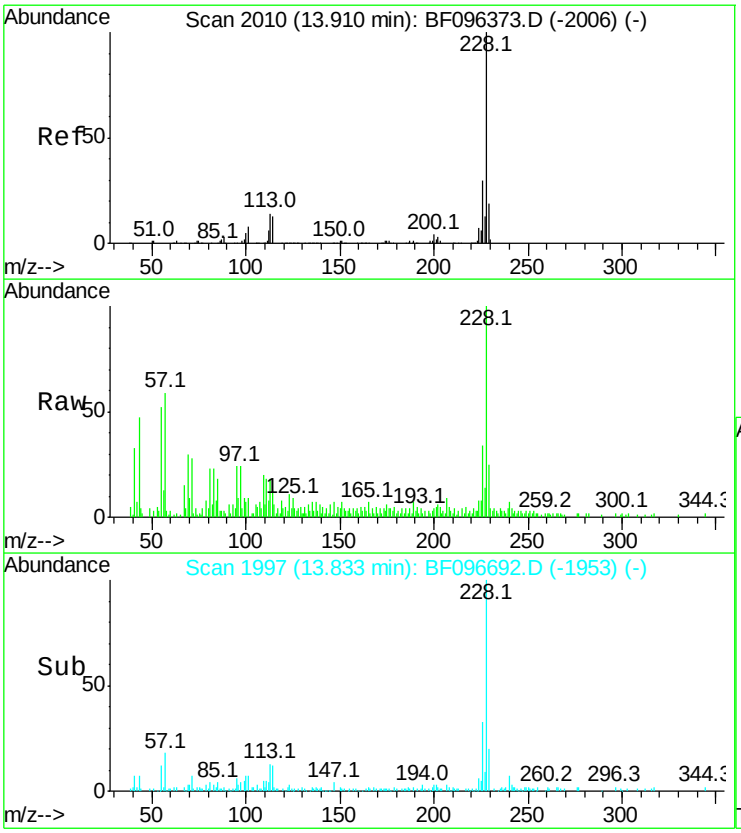
#80
Benzo(a)anthracene
Concen: 2.475 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28857

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	23.7	16.3	24.5

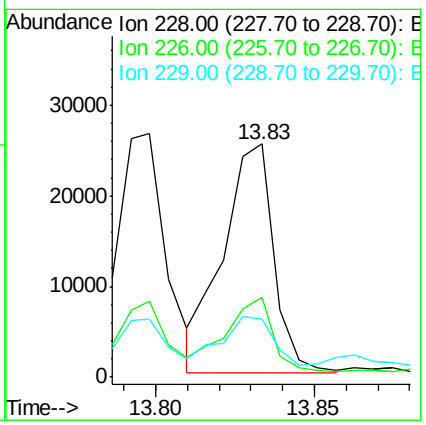


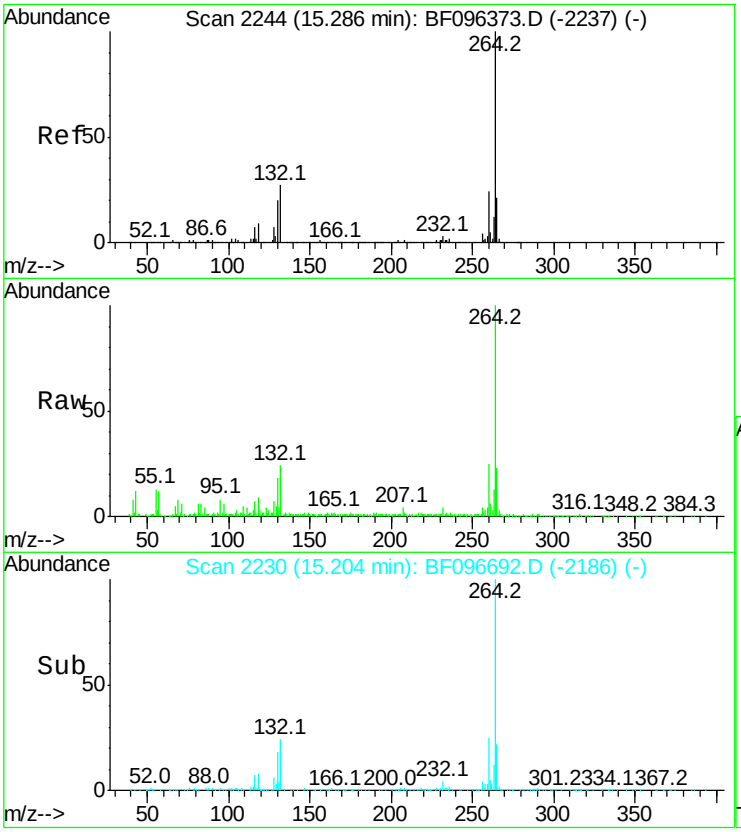


#82
Chrysene
Concen: 2.291 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:228 Resp: 27974

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.9	37.3
229	25.0	15.8	23.6#



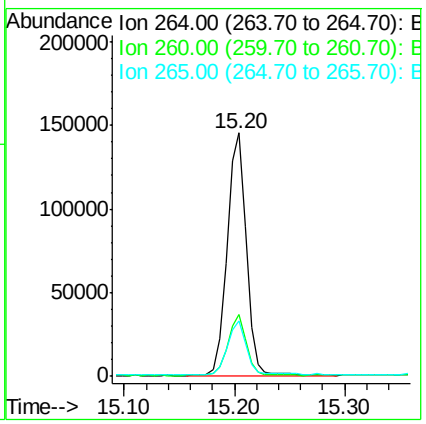


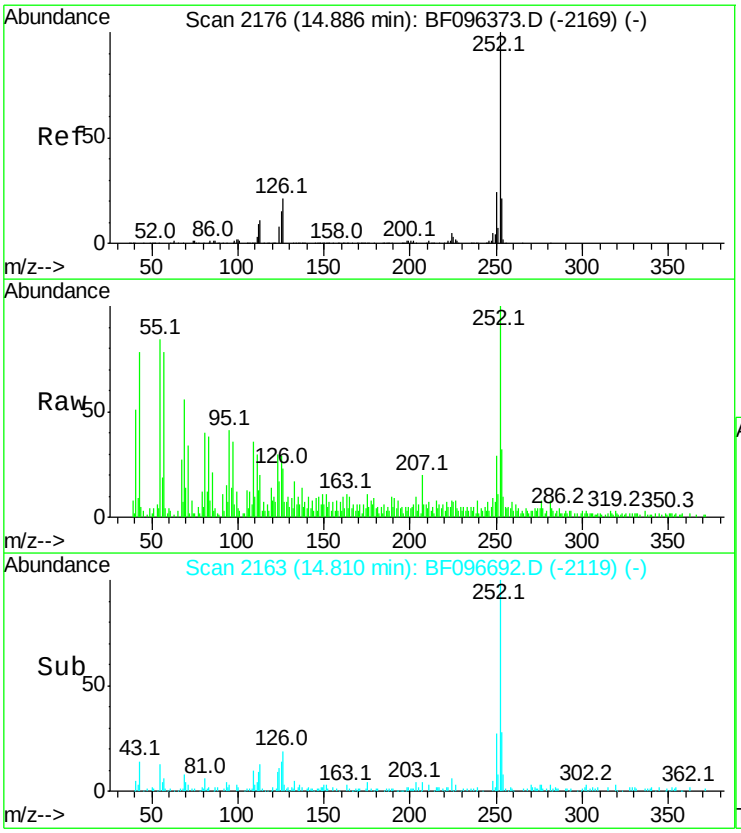
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 176804

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.7	17.2	25.8

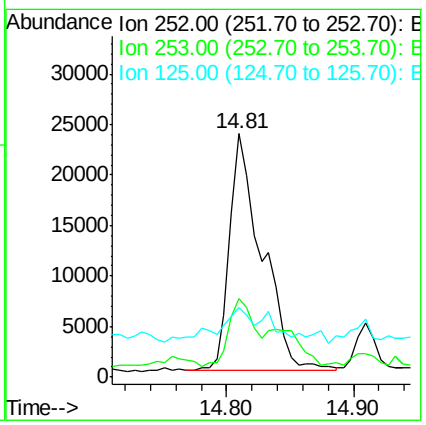


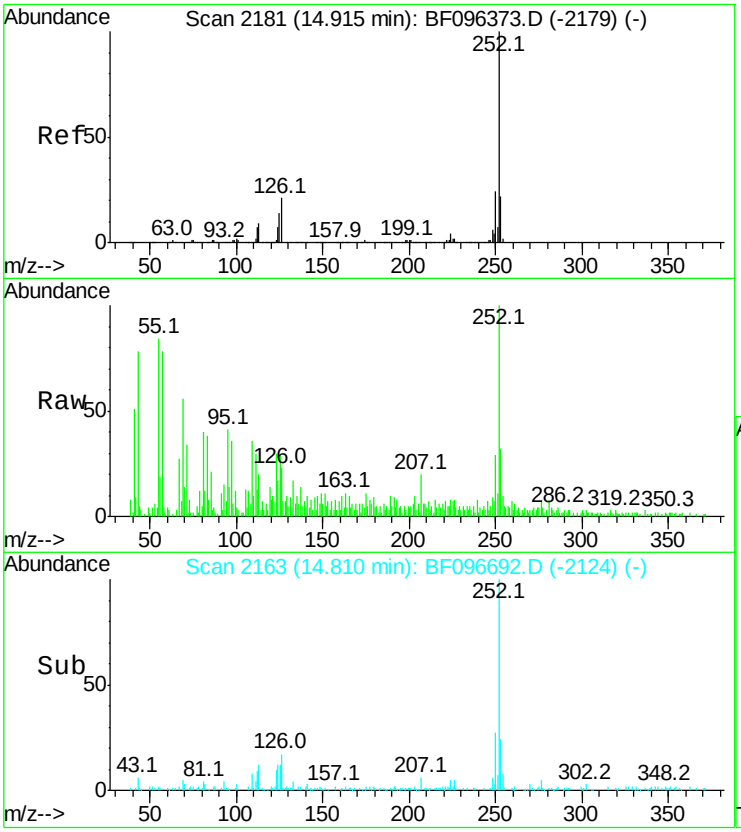


#87
Benzo(b)fluoranthene
Concen: 3.703 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:252 Resp: 41028

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.1	27.1#
125	28.6	9.8	14.8#



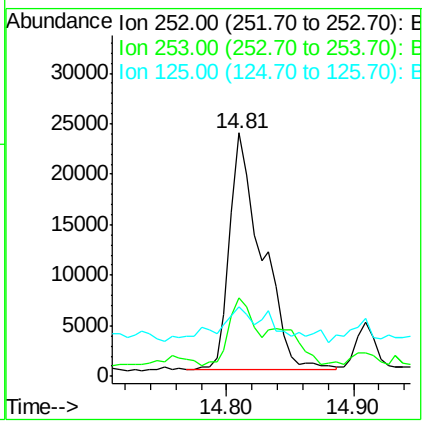


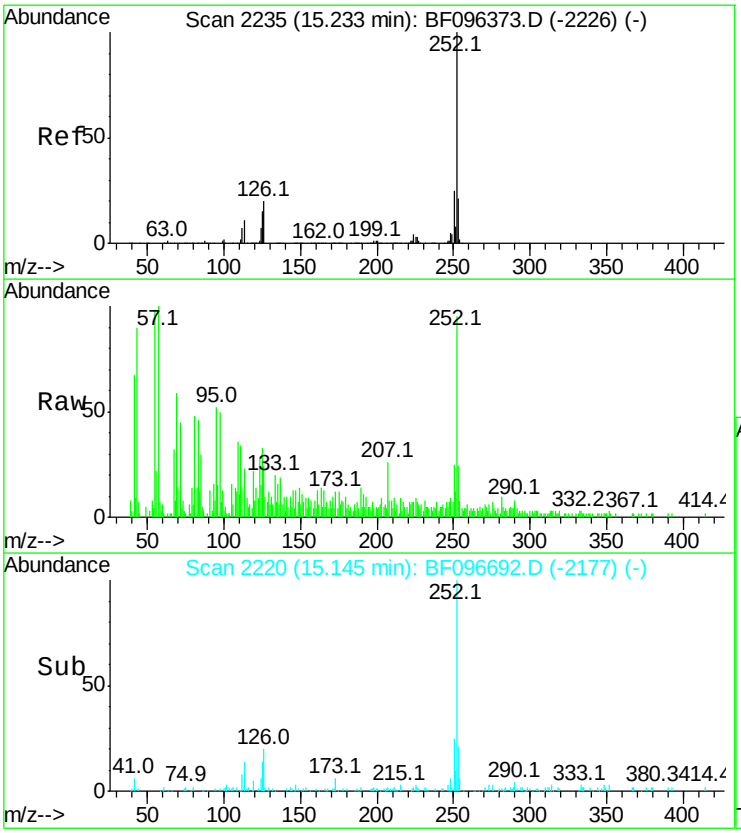
#88
Benzo(k)fluoranthene
Concen: 4.140 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.07 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41028

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.4	27.6#
125	28.6	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.278 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.05 min
Lab File: BF096692.D
Acq: 12 Jul 2017 15:27

Tgt Ion:252 Resp: 22531

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	34.7	11.0	16.4#