Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096094.D
Acq On : 21 Jun 2017 20:23
Operator : SJ/MA
Sample : I3736-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 01:05:59 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	7.29	152	74285	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	283319	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	110871	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	196364	20.00	ng		0.00
75) Chrysene-d12	18.27	240	162500	20.00	ng		0.00
86) Perylene-d12	19.95	264	106132	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	170695	36.61	ng		0.02
7) Phenol-d6	6.89	99	253954	45.50	ng		0.02
23) Nitrobenzene-d5	8.22	82	149185	32.70	ng		0.00
41) 2,4,6-Tribromophenol	13.45	330	35626	36.32	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	246899	30.99	ng		0.00
78) Terphenyl-d14	16.92	244	181817	27.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	71438	32.21	ng	#	21
19) n-Nitroso-di-n-propylamine	8.22	70	17125	4.84	ng	#	69
48) Acenaphthylene	11.92	152	33536	2.75	ng		97
49) Dimethylphthalate	11.81	163	30441	3.62	ng	#	98
50) 2,6-Dinitrotoluene	12.14	165	14451	7.87	ng	#	31
55) 4-Nitrophenol	12.50	139	2315	6.37	ng	#	25
70) Phenanthrene	14.58	178	39928	3.52	ng		96
71) Anthracene	14.67	178	36692	3.10	ng		97
74) Fluoranthene	16.37	202	115496	10.30	ng		96
77) Pyrene	16.67	202	115648	9.54	ng		94
80) Benzo(a)anthracene	18.31	228	76031	8.05	ng		97
82) Chrysene	18.31	228	76031	8.05	ng		98
85) Indeno(1,2,3-cd)pyrene	21.12	276	35992	4.46	ng		94
87) Benzo(b)fluoranthene	19.54	252	138379	20.82	ng	#	93
88) Benzo(k)fluoranthene	19.54	252	138379	21.78	ng	#	97
89) Benzo(a)pyrene	19.90	252	53491	8.76	ng	#	87
90) Dibenzo(a,h)anthracene	21.11	278	13122	2.53	ng	#	81
91) Benzo(g,h,i)perylene	21.45	276	35377	6.70	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096094.D
Acq On : 21 Jun 2017 20:23
Operator : SJ/MA
Sample : I3736-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 01:05:59 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
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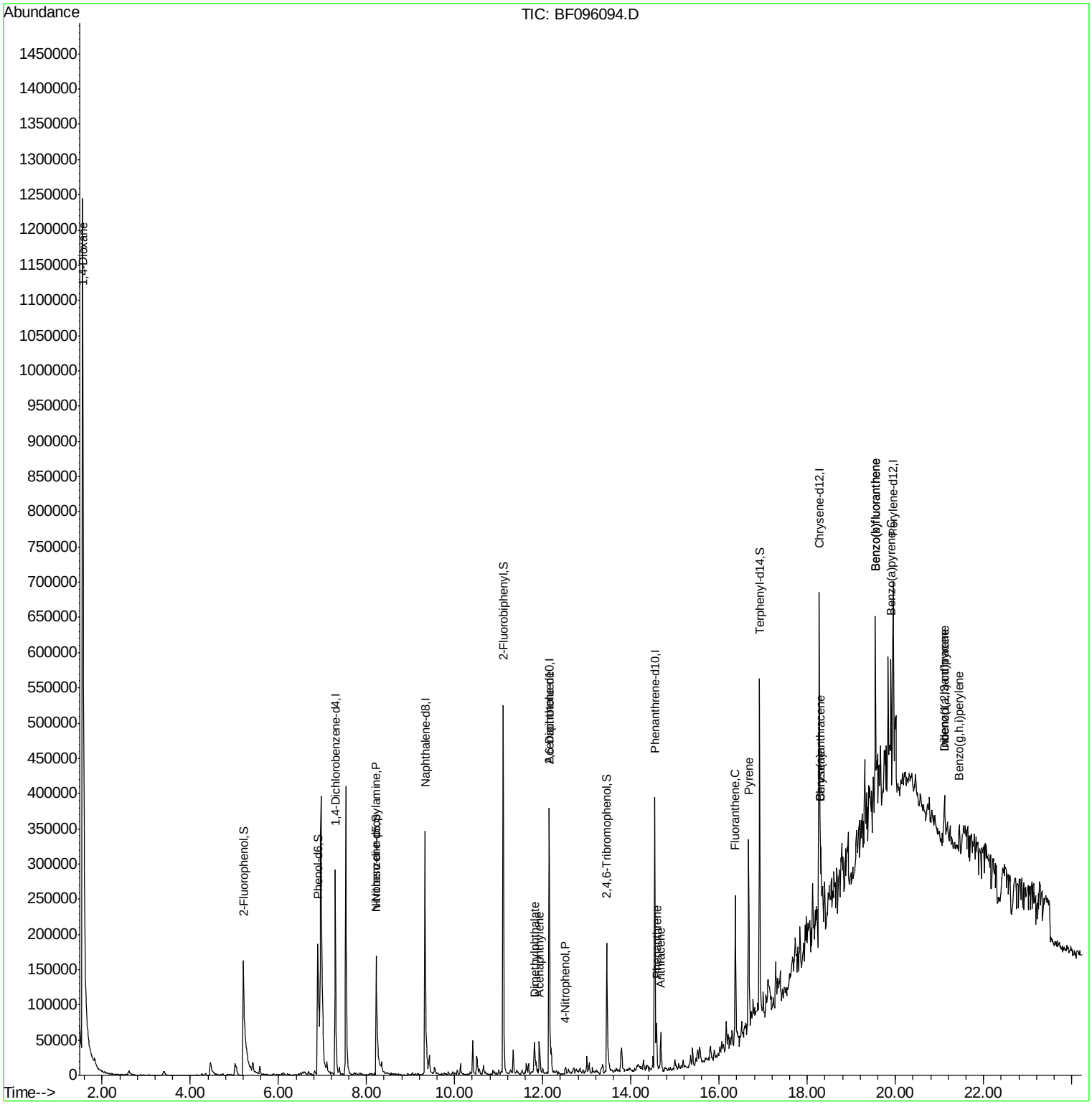
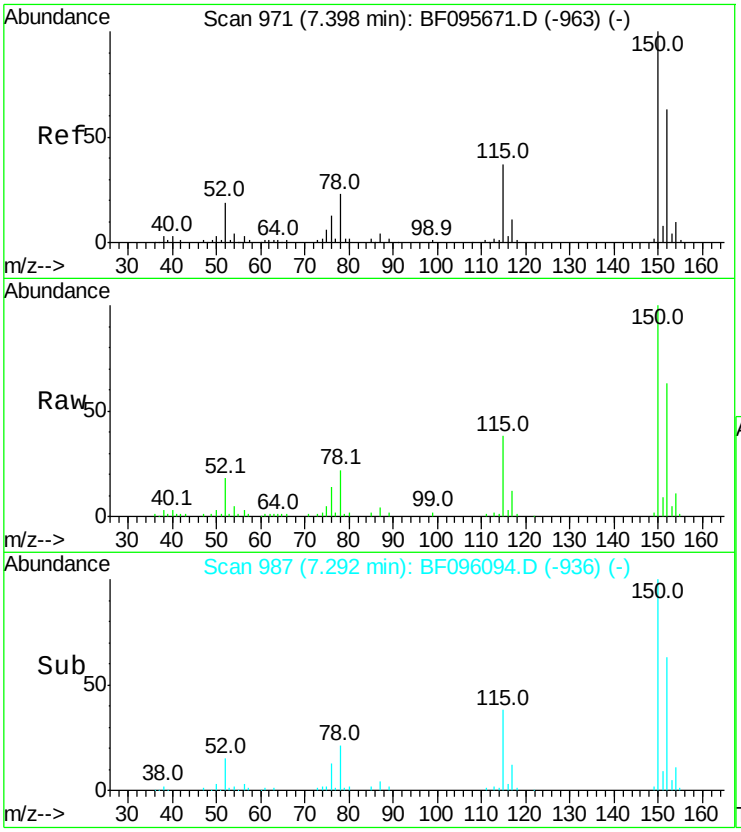


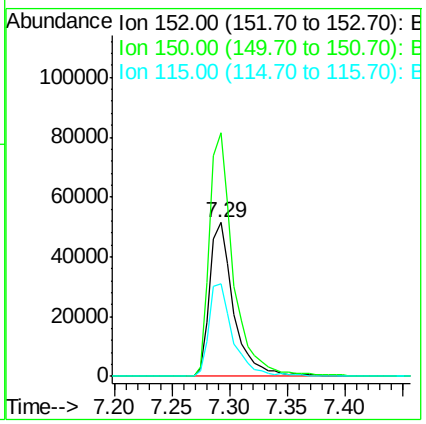


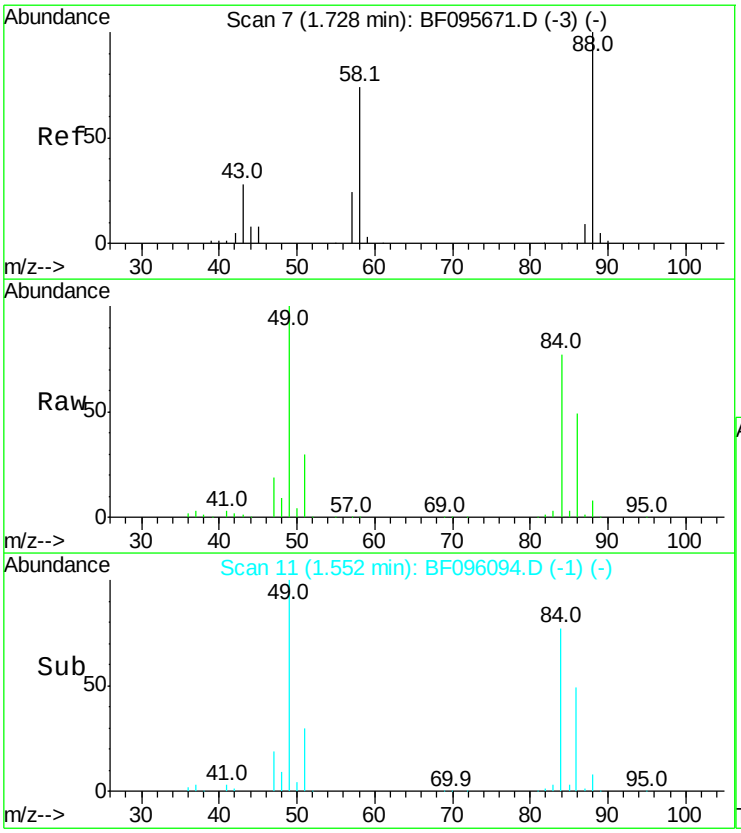
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 74285

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	60.0	52.2	78.2

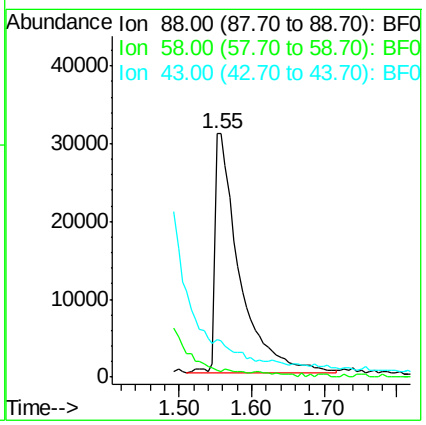


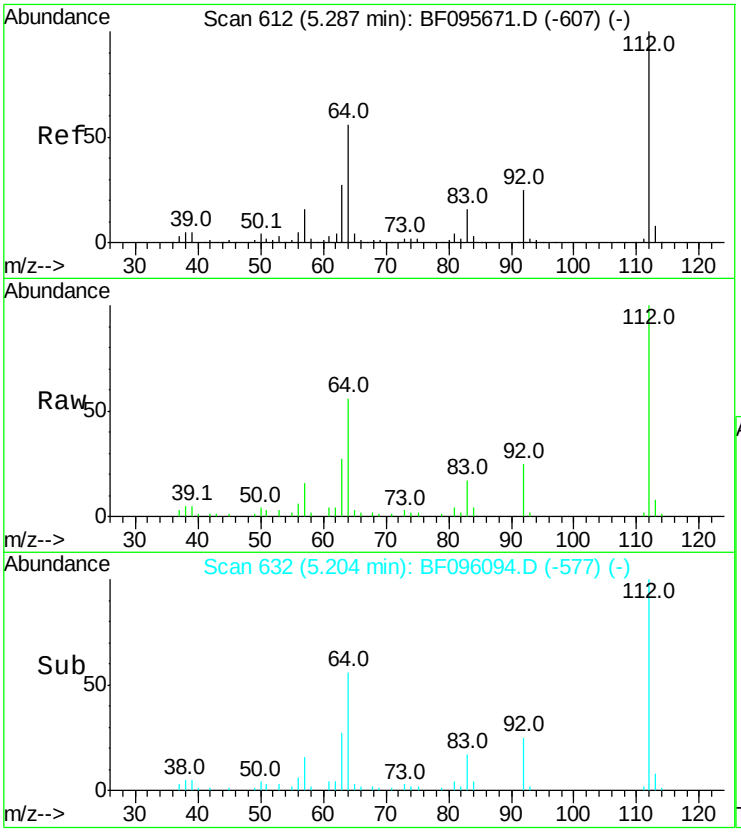


#2
1,4-Dioxane
Concen: 32.21 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion: 88 Resp: 71438

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



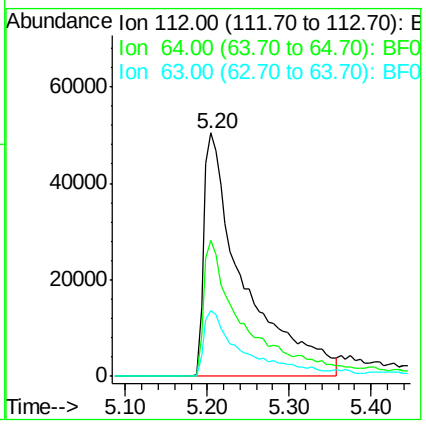


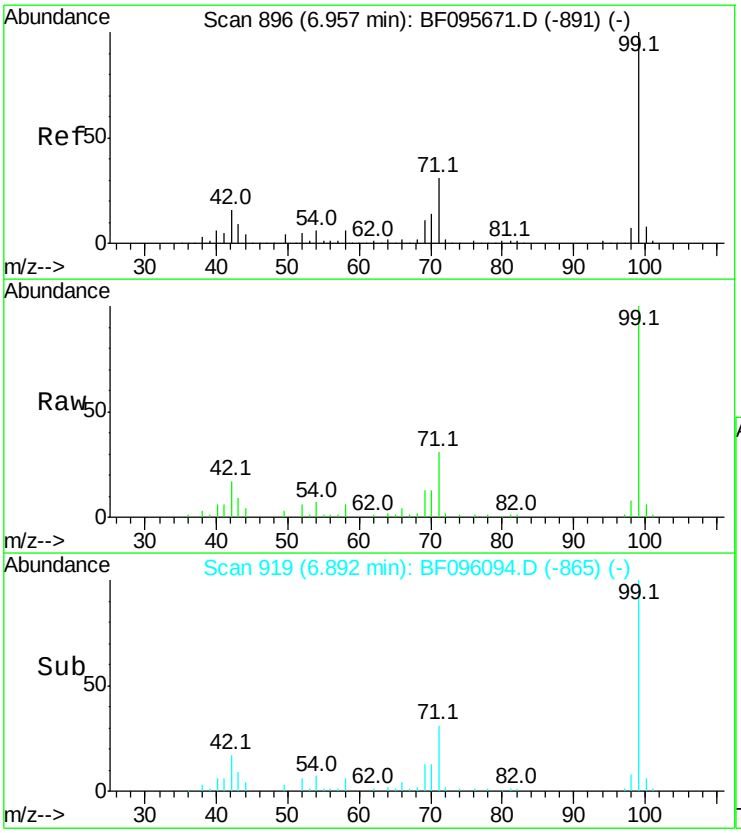
#5
2-Fluorophenol
Concen: 36.61 ng
RT: 5.20 min Scan# 632
Delta R.T. 0.02 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 170695

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	26.8	23.4	35.0

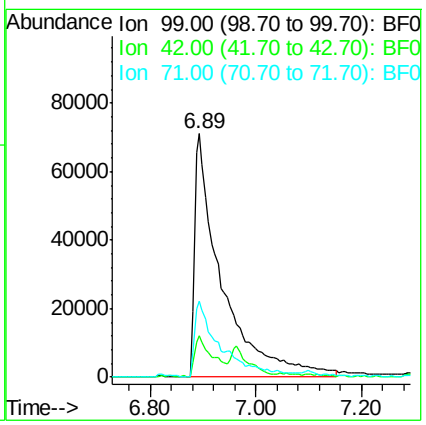


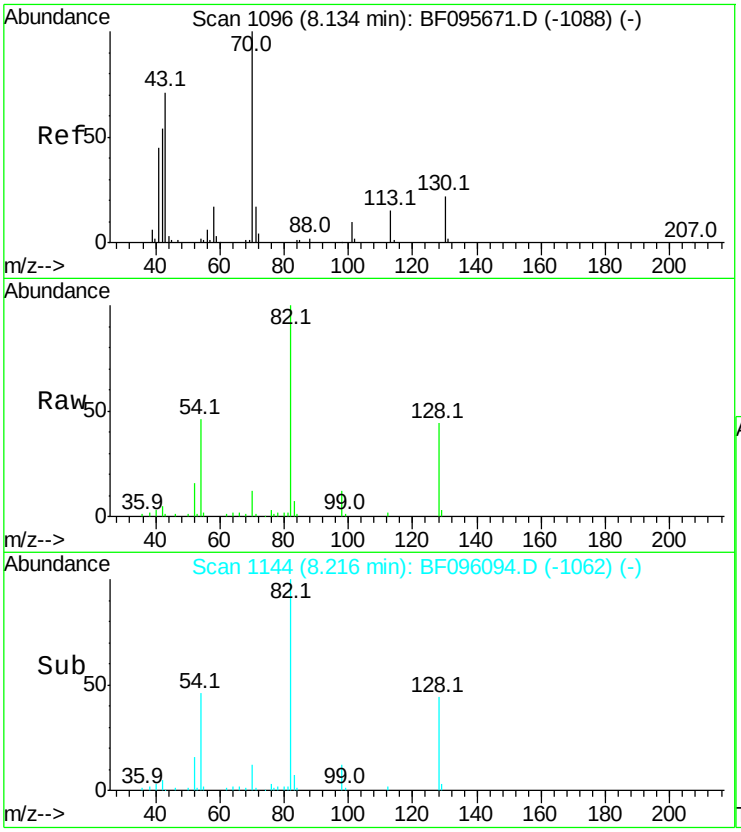


#7
Phenol-d6
Concen: 45.50 ng
RT: 6.89 min Scan# 919
Delta R.T. 0.02 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion: 99 Resp: 253954

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.1	24.5	36.7



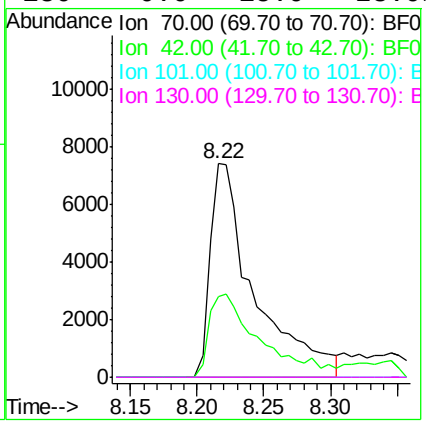


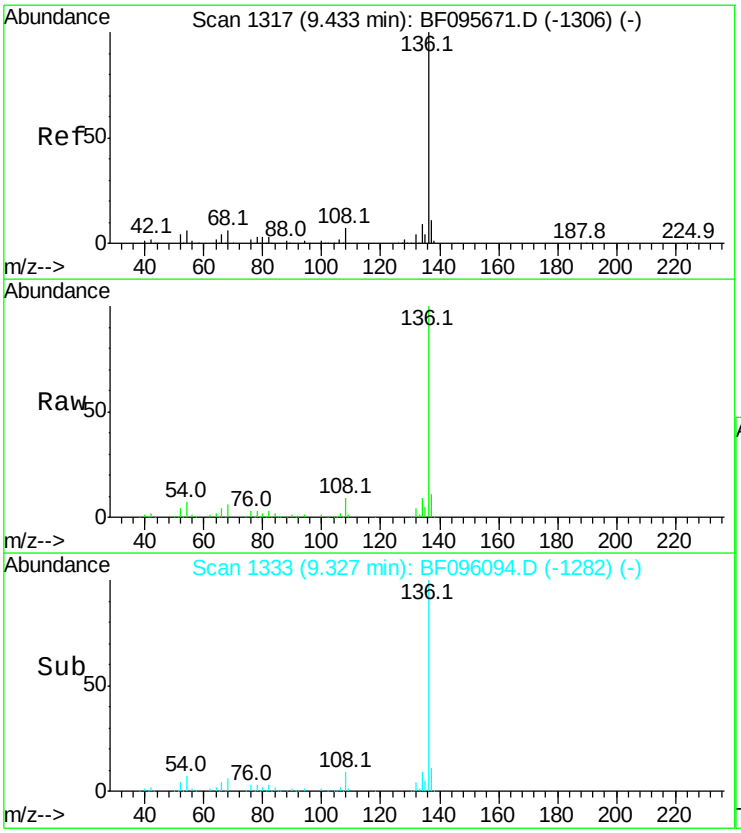
#19
n-Nitroso-di-n-propylamine
Concen: 4.84 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 17125

Ion	Ratio	Lower	Upper
70	100		
42	37.9	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

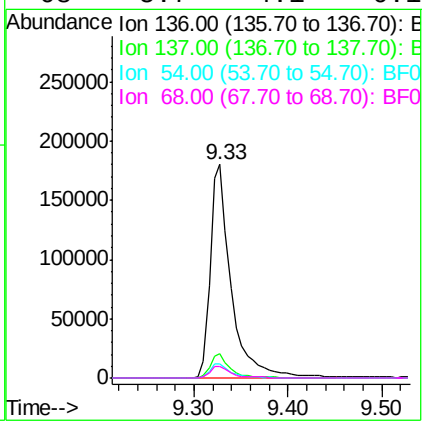


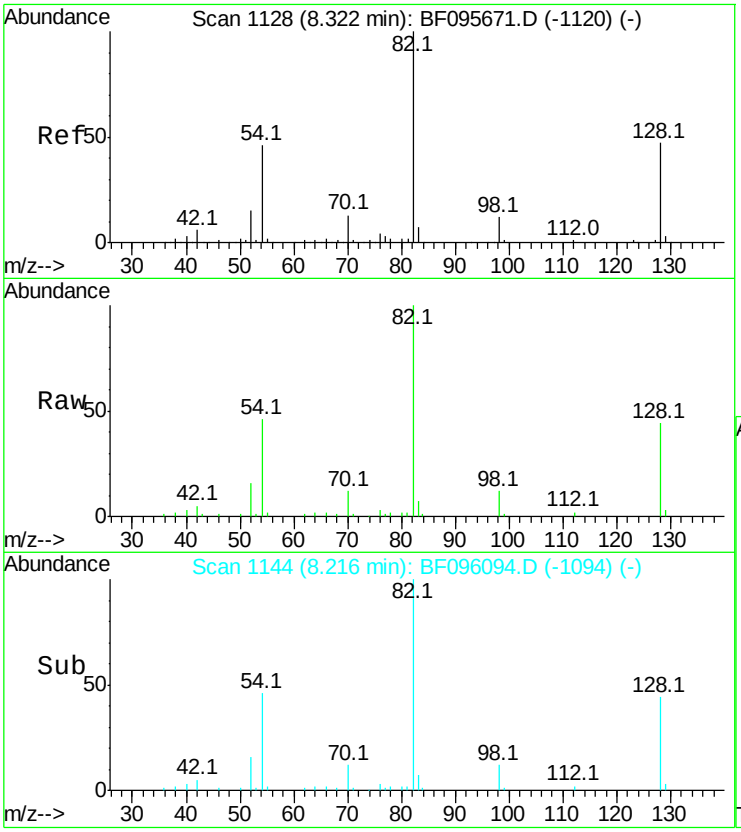


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:136 Resp: 283319

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.6	4.9	7.3
68	5.7	4.1	6.1

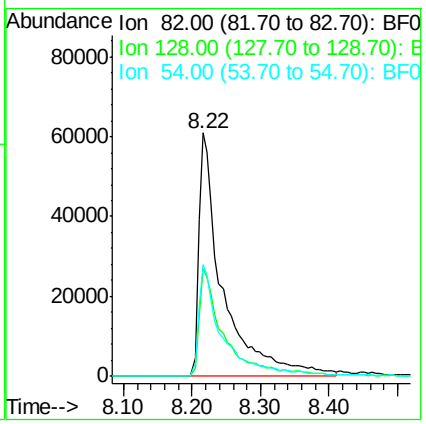




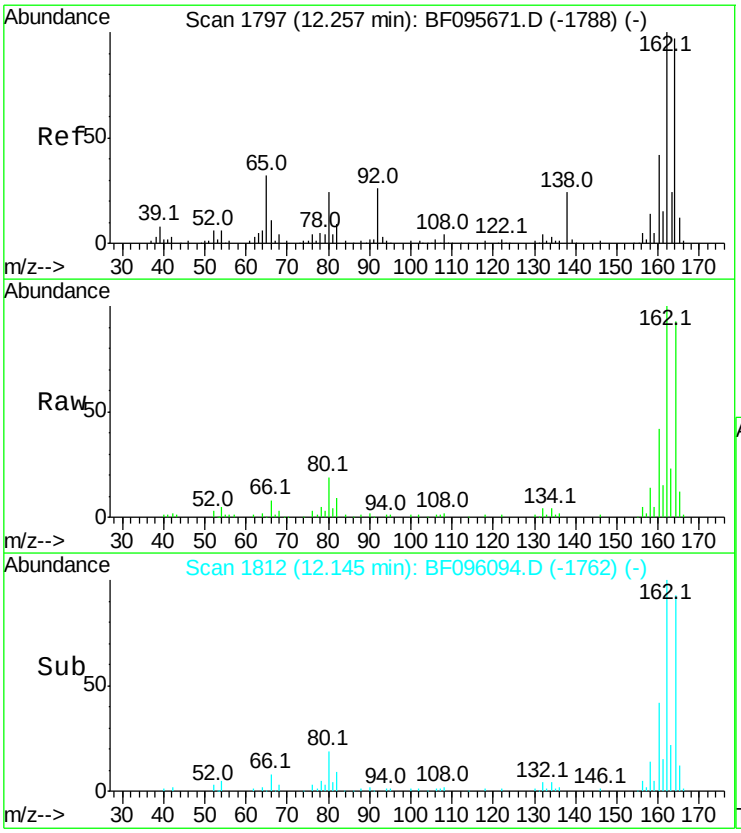
#23
Nitrobenzene-d5
Concen: 32.70 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion: 82 Resp: 149185

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	45.8	42.2	63.2



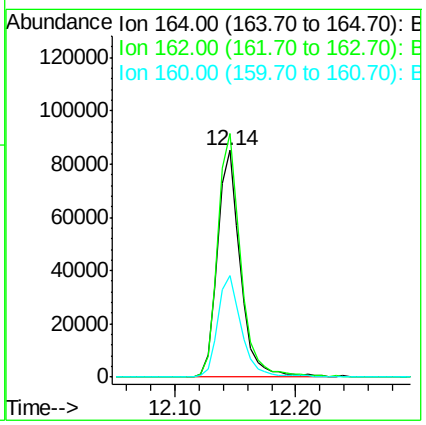
Instrument :
BNA_F
ClientSampleId :

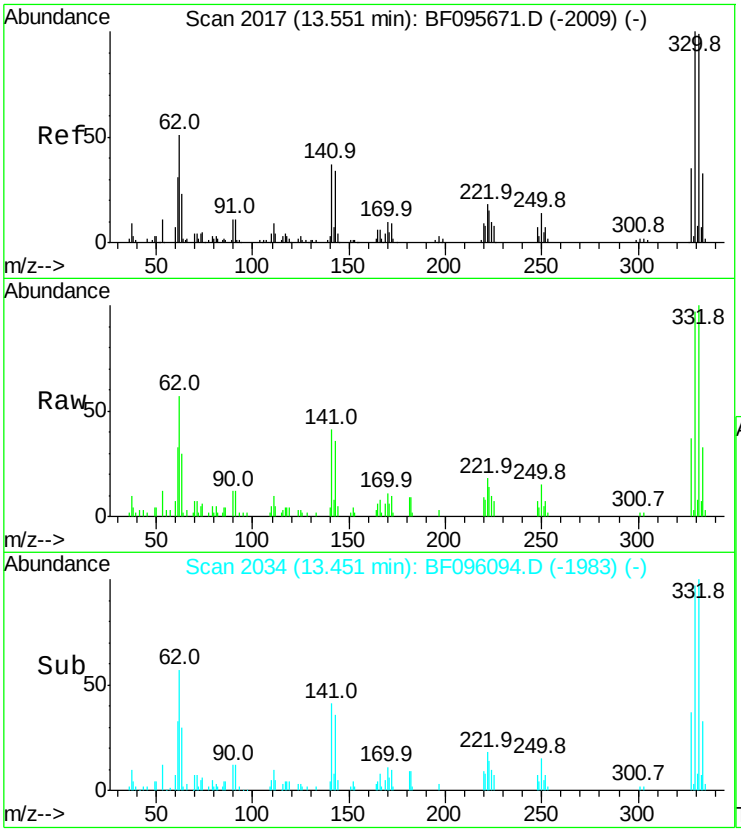


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:164 Resp: 110871

Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.6	123.8
160	44.8	36.2	54.2



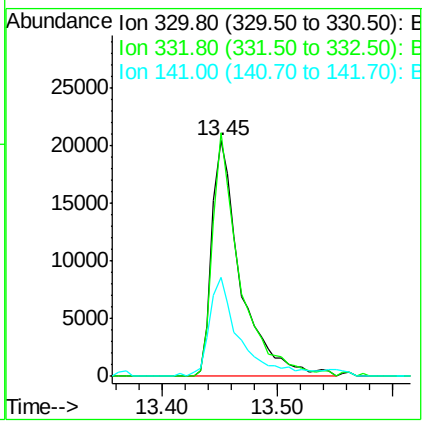


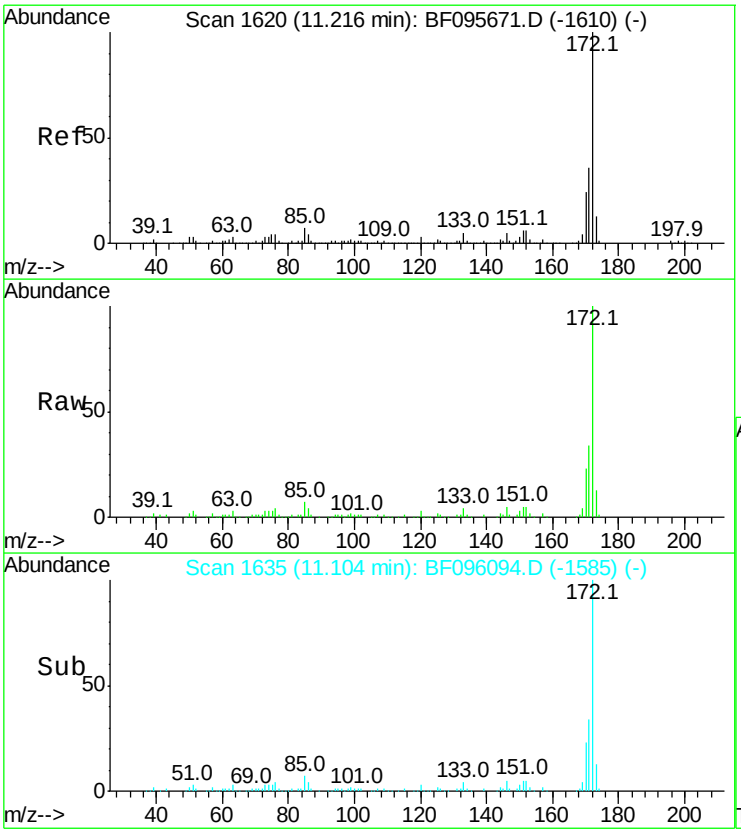
#41
2,4,6-Tribromophenol
Concen: 36.32 ng
RT: 13.45 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 35626

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	43.9	31.4	47.2

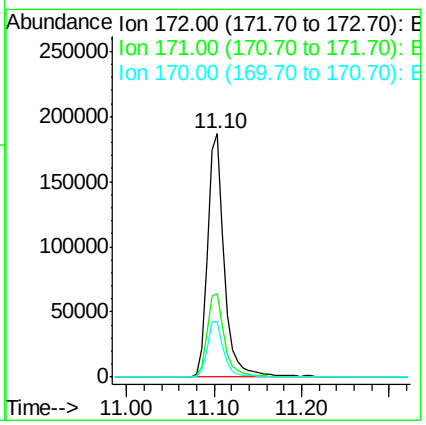


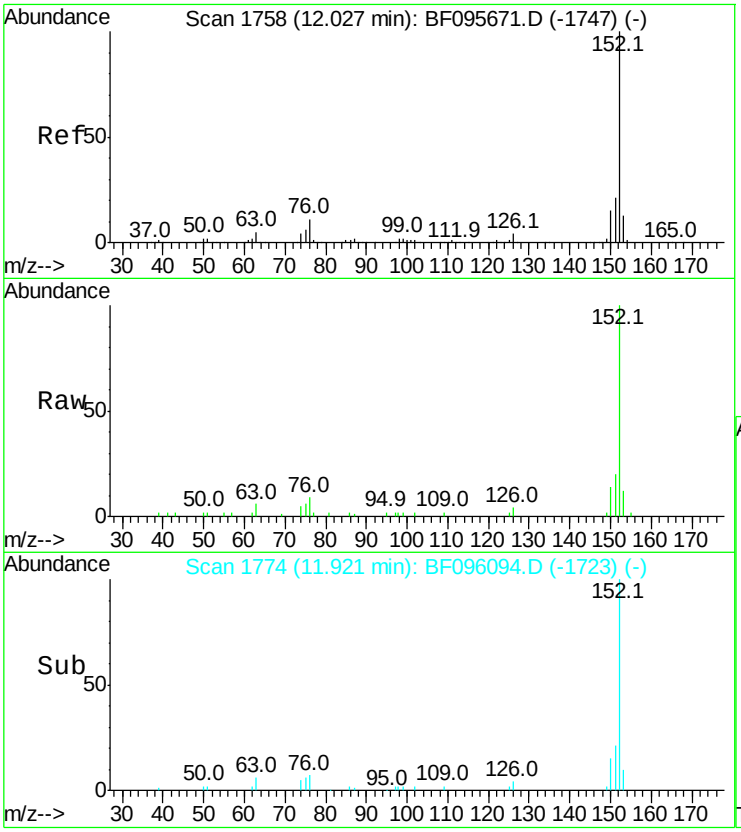


#44
2-Fluorobiphenyl
Concen: 30.99 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:172 Resp: 246899

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	22.6	19.8	29.8



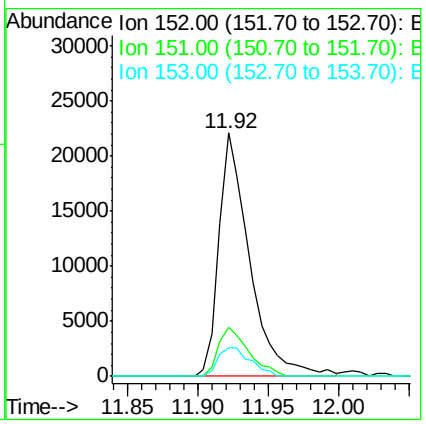


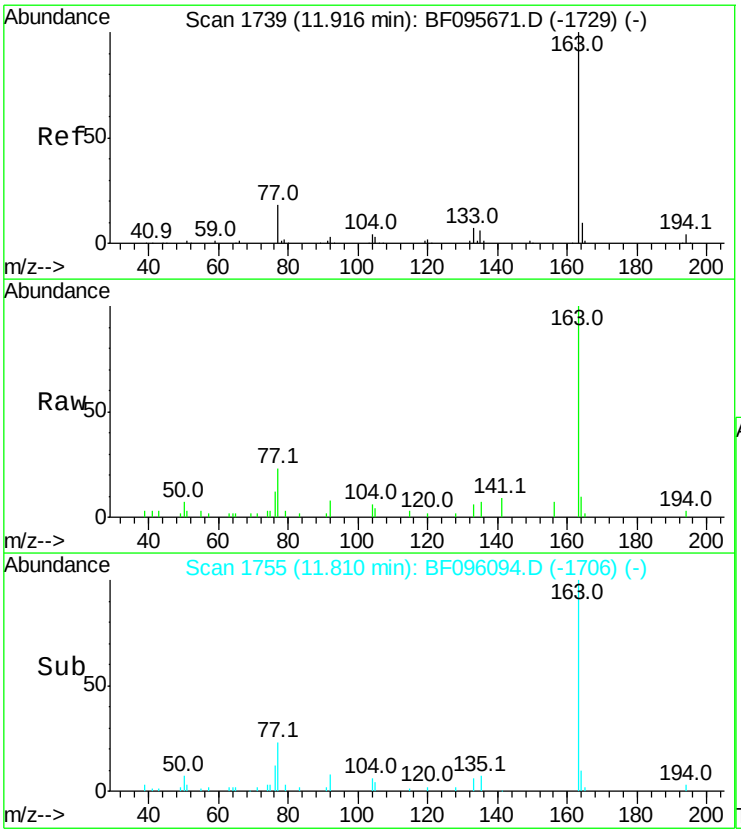
#48
Acenaphthylene
Concen: 2.75 ng
RT: 11.92 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 33536

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	11.9	10.8	16.2

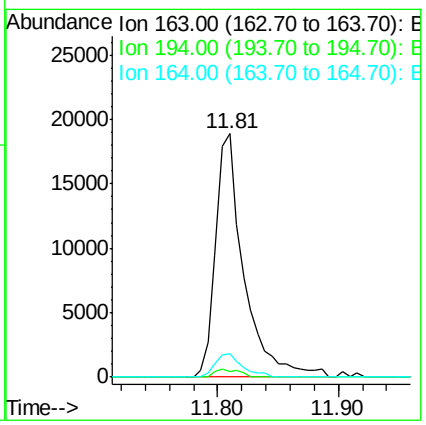


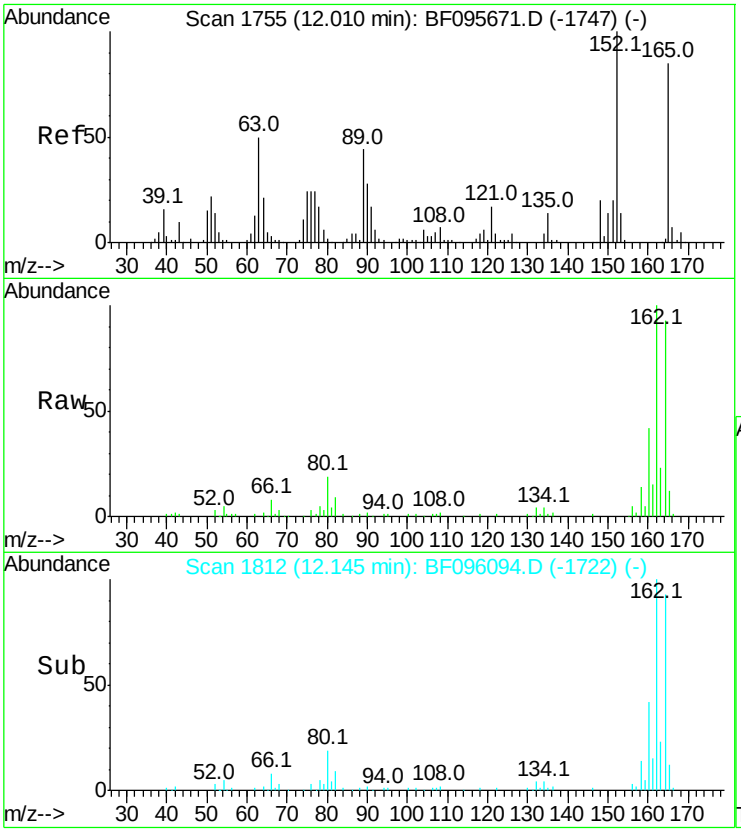


#49
Dimethylphthalate
Concen: 3.62 ng
RT: 11.81 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:163 Resp: 30441

Ion	Ratio	Lower	Upper
163	100		
194	2.5	2.6	4.0#
164	9.9	8.4	12.6



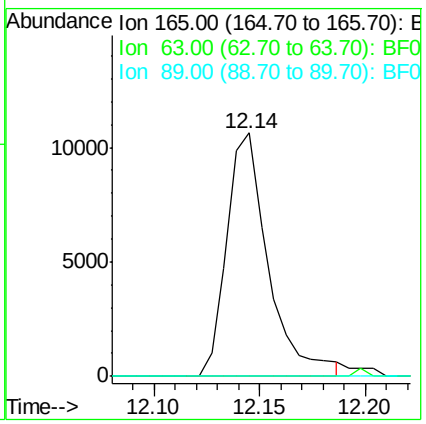


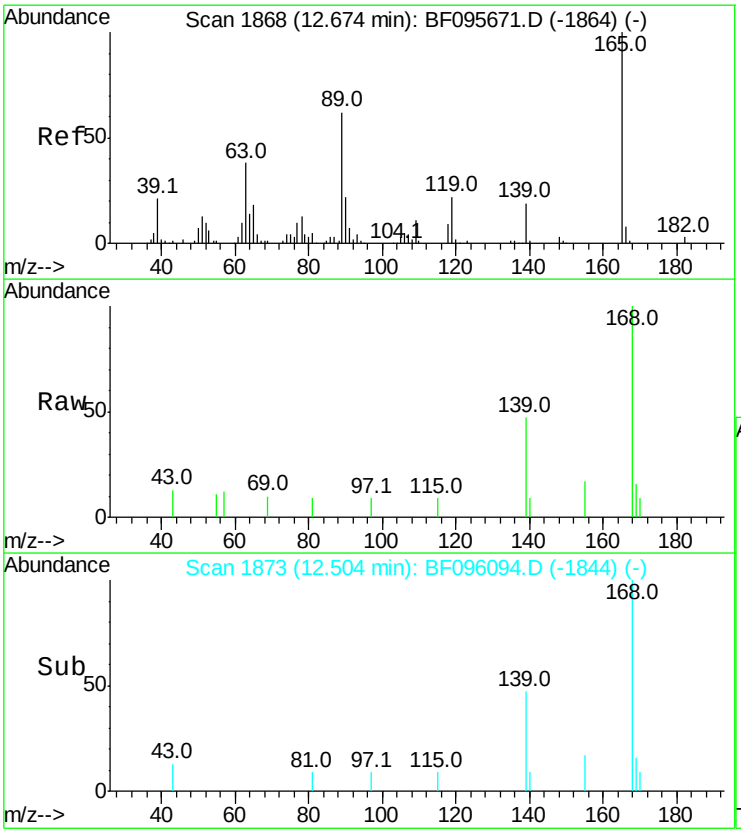
#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 12.14 min Scan# 1812
Delta R.T. 0.23 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14451

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

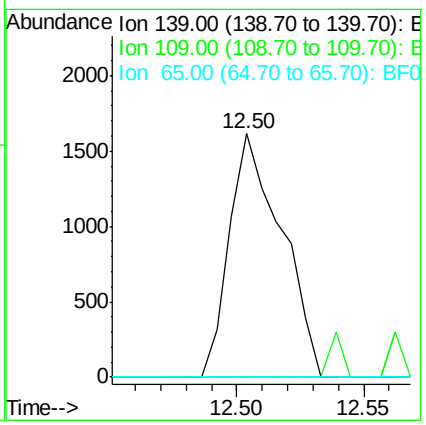


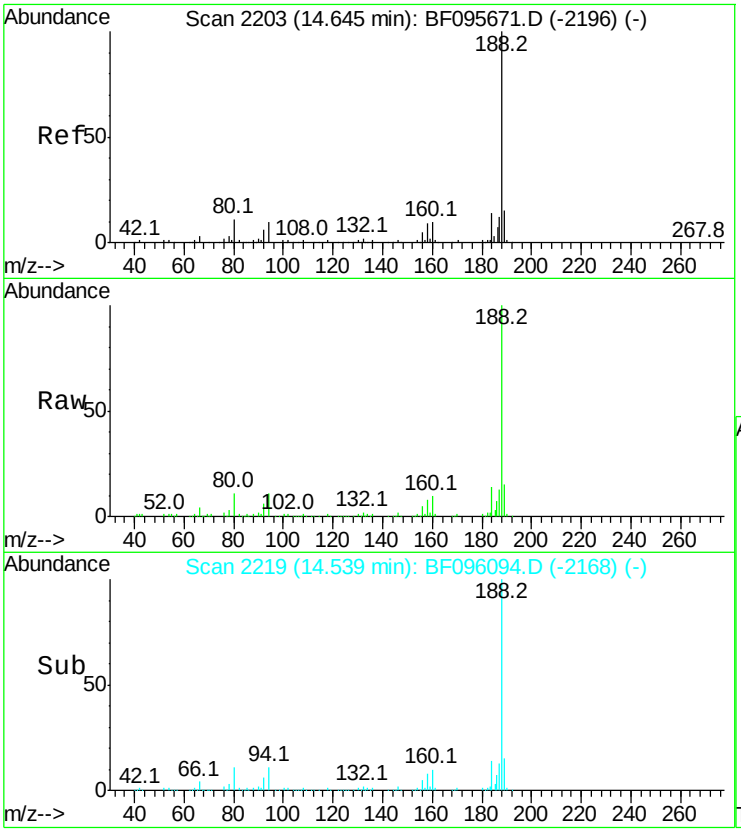


#55
4-Nitrophenol
Concen: 6.37 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.13 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:139 Resp: 2315

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



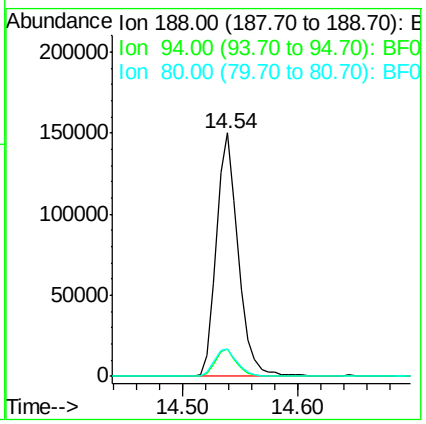


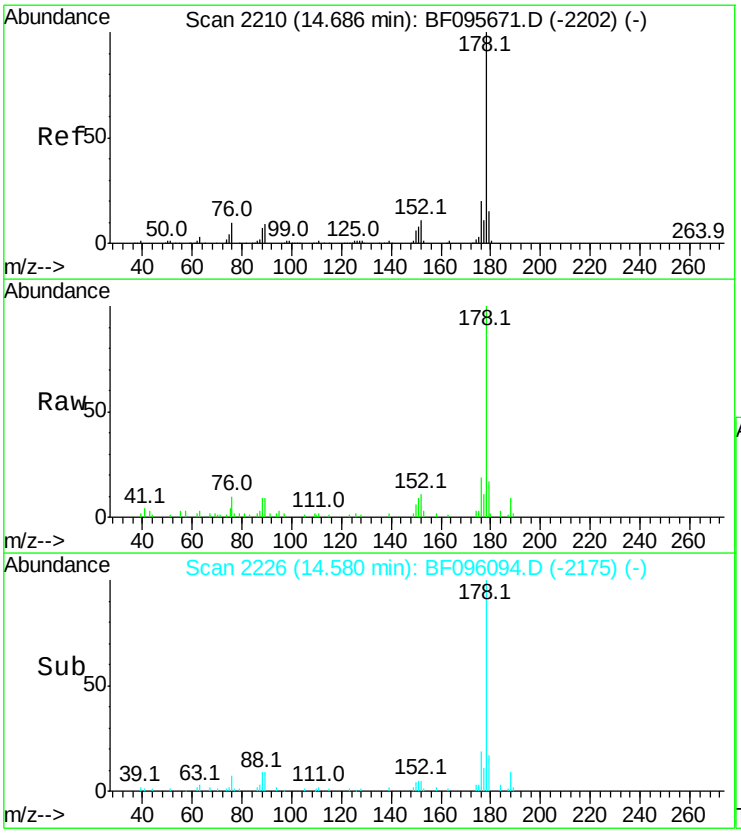
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 196364

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.4	10.2	15.2

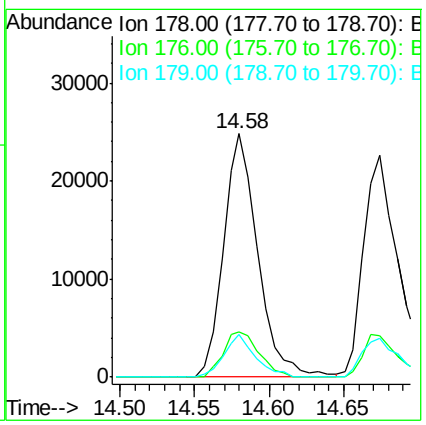


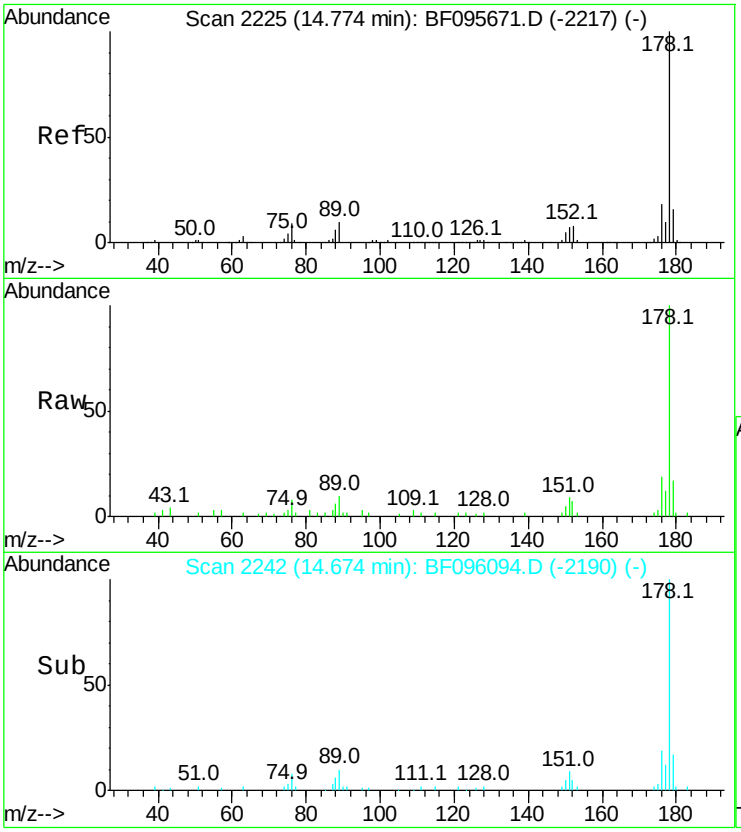


#70
Phenanthrene
Concen: 3.52 ng
RT: 14.58 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:178 Resp: 39928

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	17.4	12.6	19.0



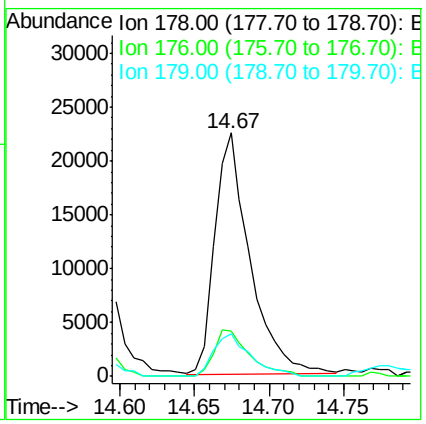


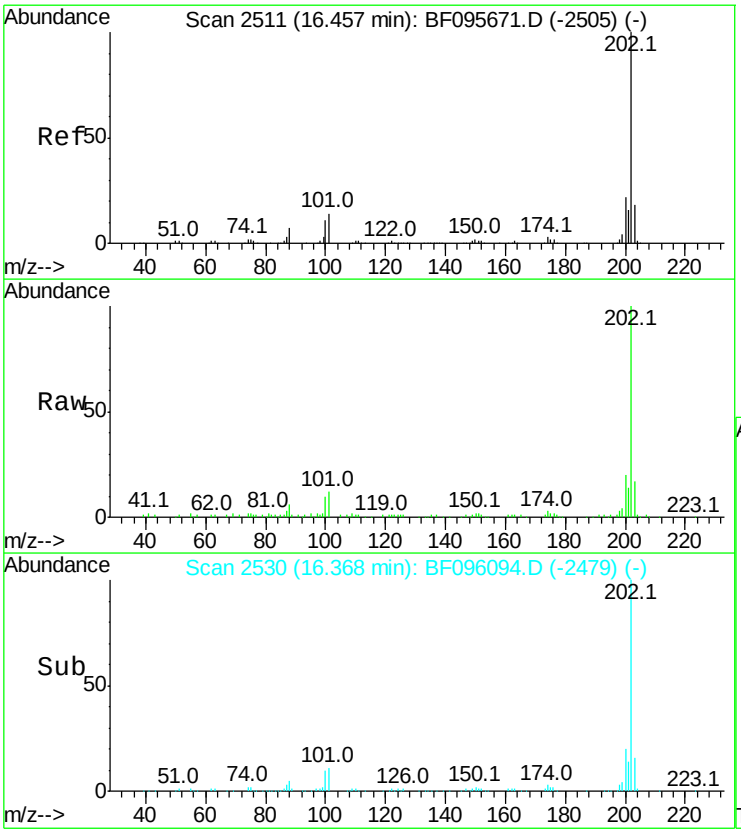
#71
Anthracene
Concen: 3.10 ng
RT: 14.67 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36692

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.5	12.7	19.1

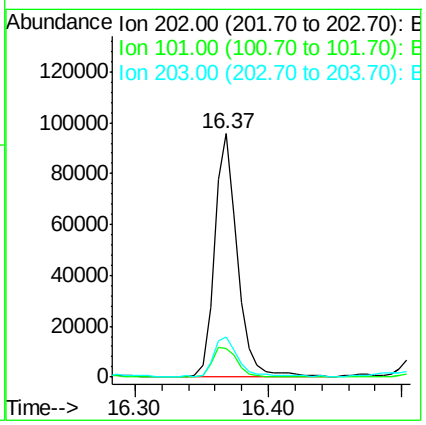


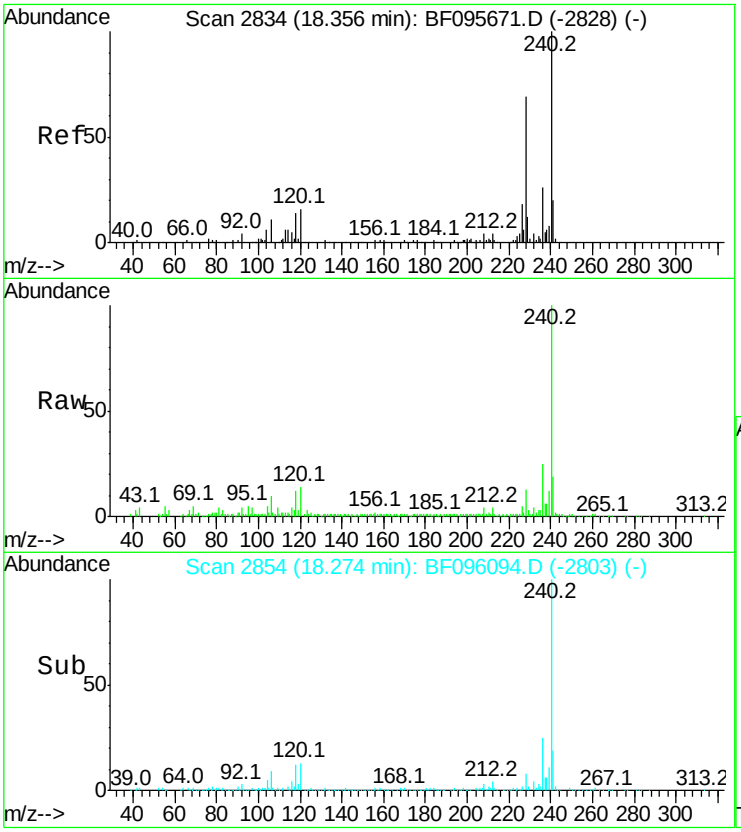


#74
Fluoranthene
Concen: 10.30 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:202 Resp: 115496

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.2
203	16.7	0.0	38.1



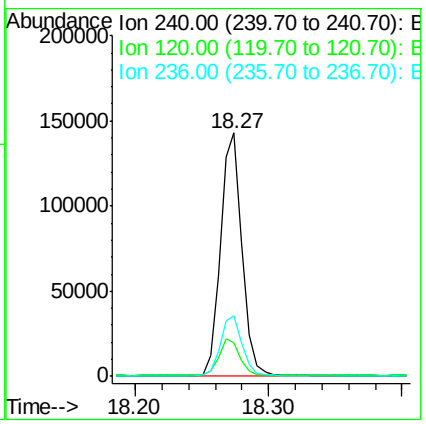


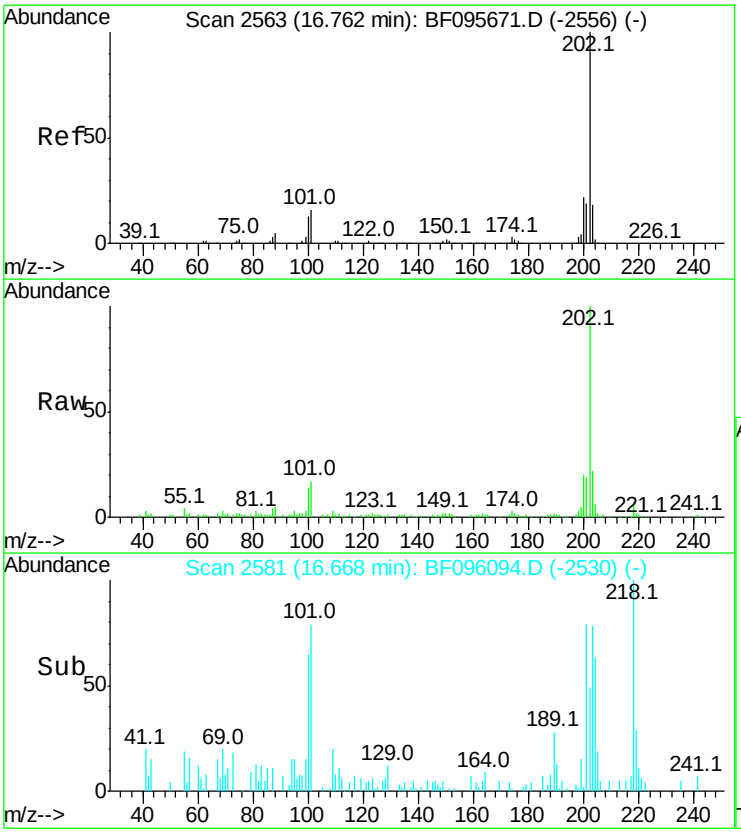
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 162500

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.7	20.5	30.7

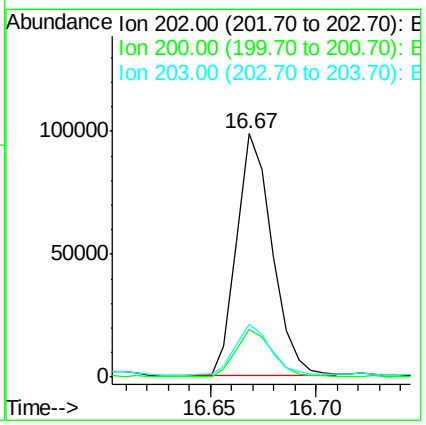


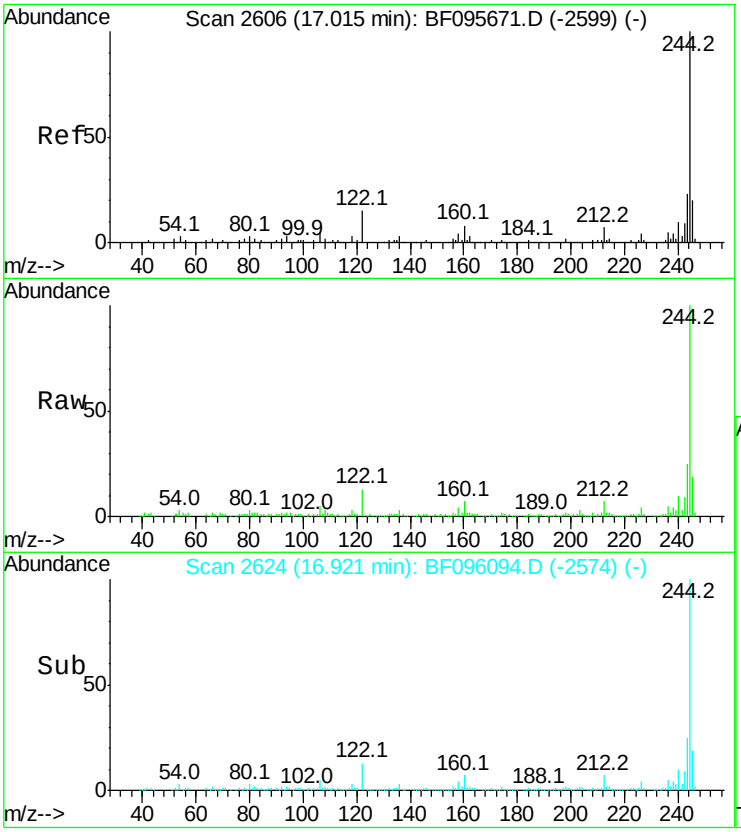


#77
Pyrene
Concen: 9.54 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:202 Resp: 115648

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	21.5	14.4	21.6



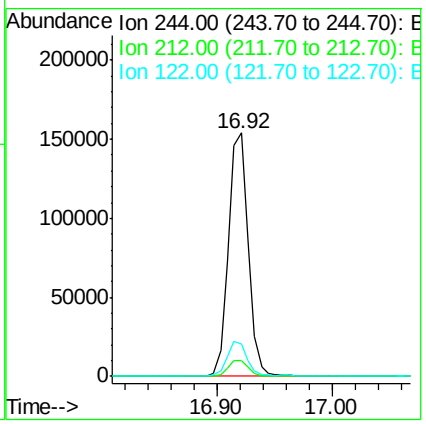


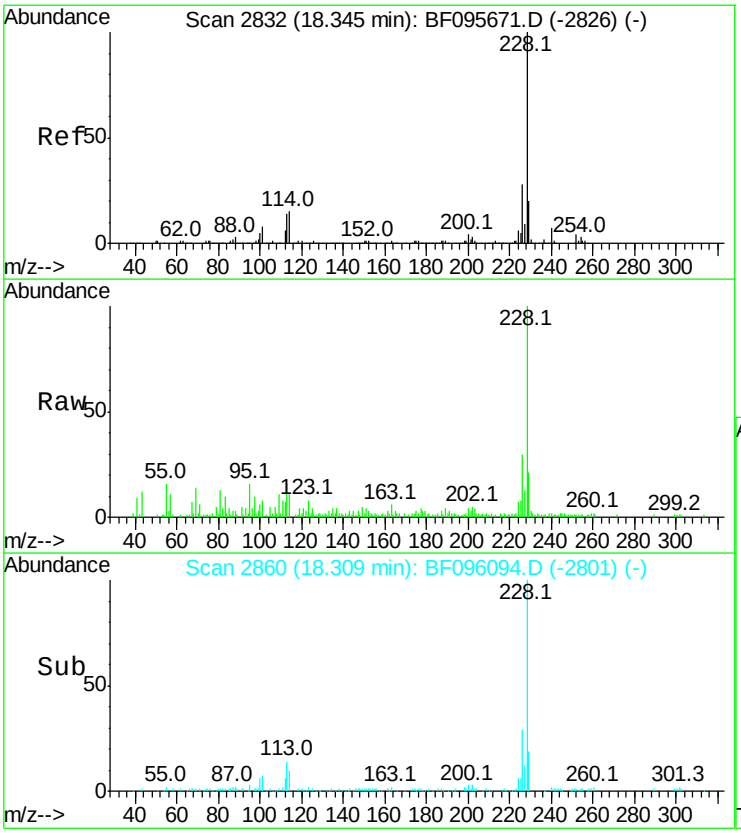
#78
Terphenyl-d14
Concen: 27.77 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 181817

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.5	10.3	15.5

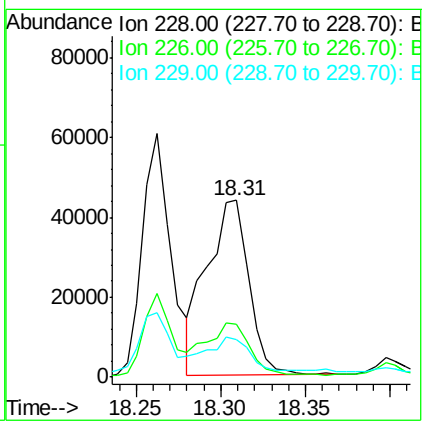


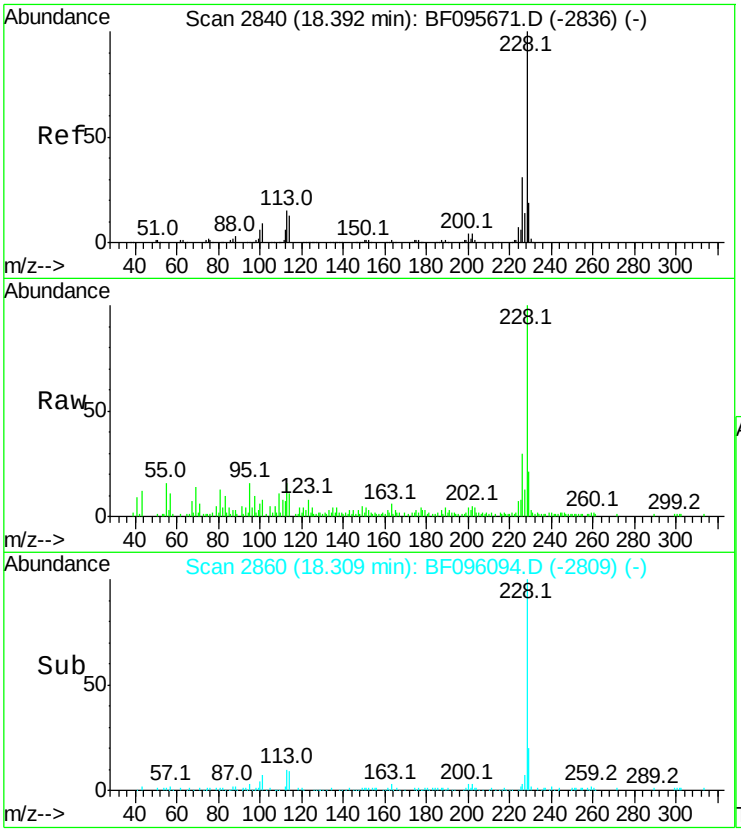


#80
Benzo(a)anthracene
Concen: 8.05 ng
RT: 18.31 min Scan# 2860
Delta R.T. 0.05 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:228 Resp: 76031

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.2	16.3	24.5



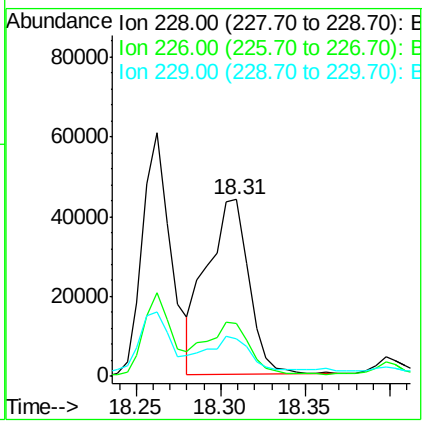


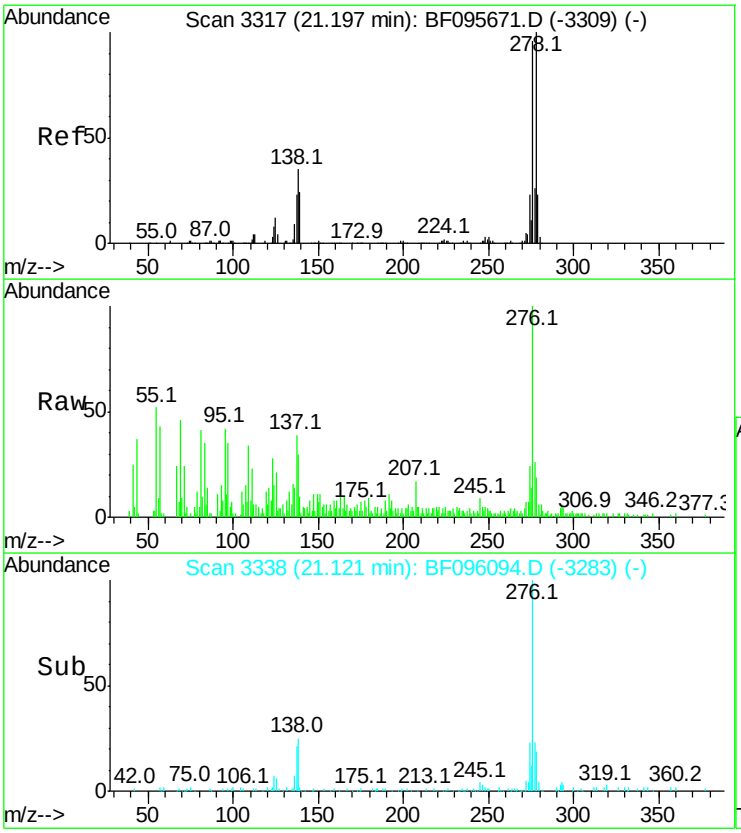
#82
Chrysene
Concen: 8.05 ng
RT: 18.31 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 76031

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.2	15.8	23.6

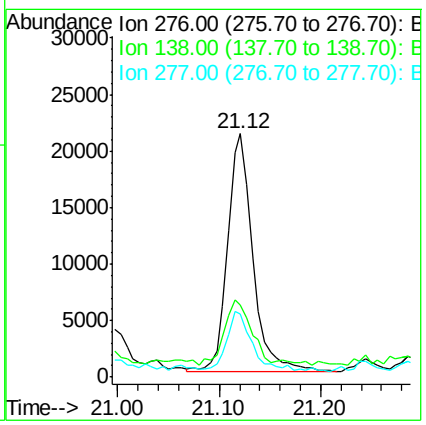


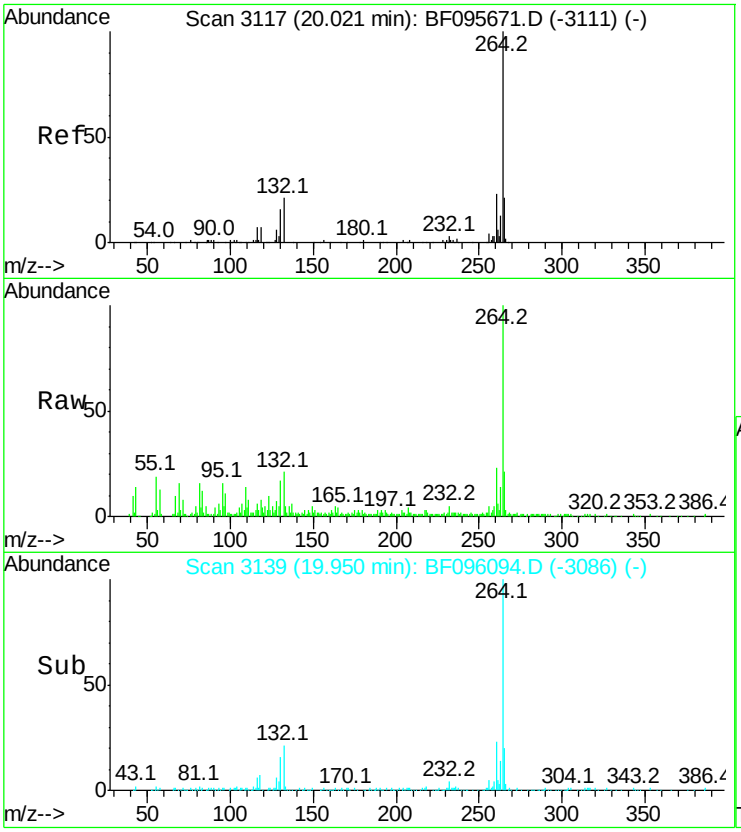


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.46 ng
RT: 21.12 min Scan# 3338
Delta R.T. 0.02 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:276 Resp: 35992

Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.8	41.6
277	26.0	20.2	30.4



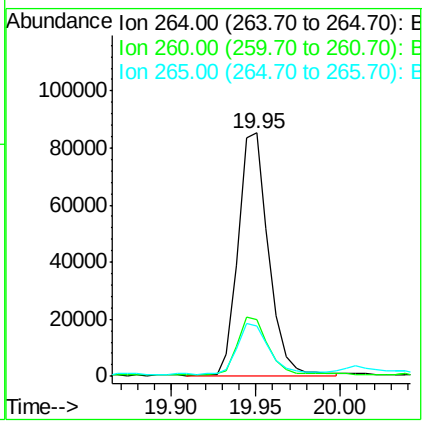


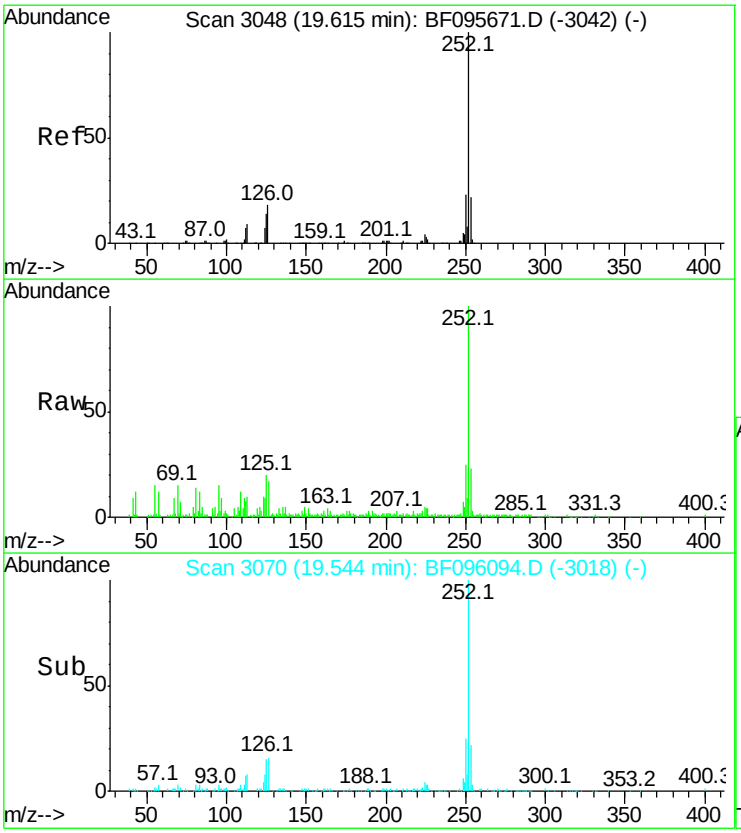
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.95 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 106132

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	17.2	25.8

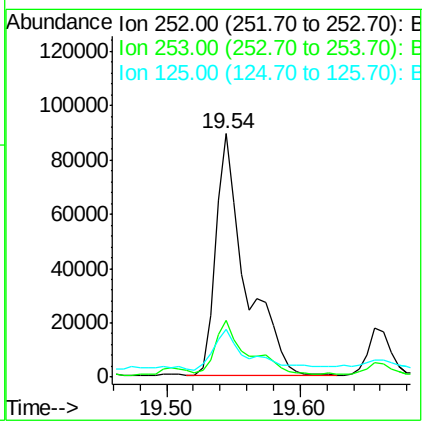


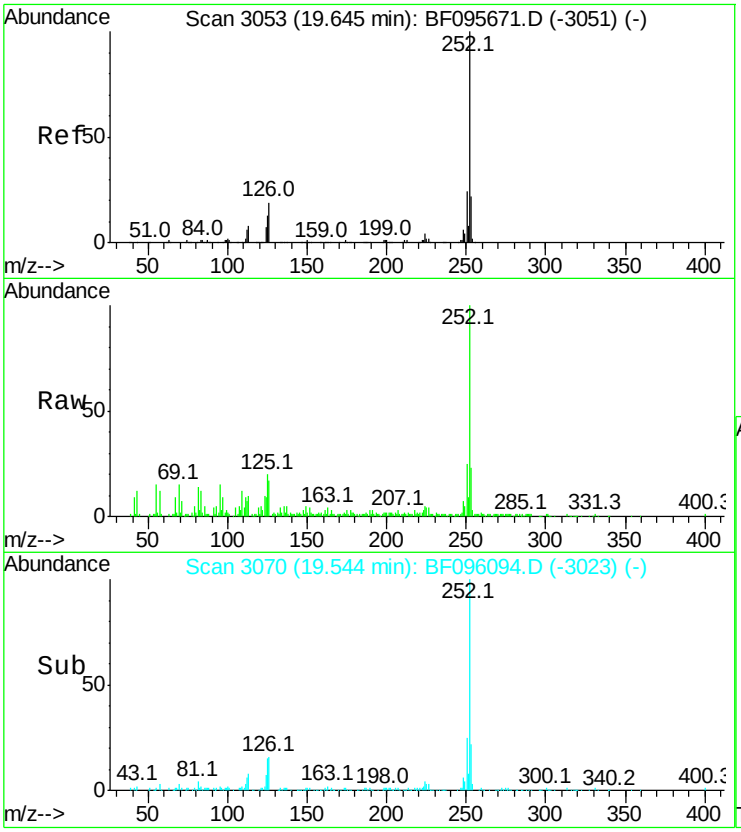


#87
Benzo(b)fluoranthene
Concen: 20.82 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:252 Resp: 138379

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	19.7	9.8	14.8#



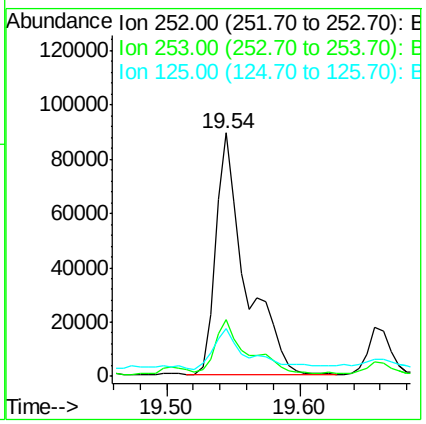


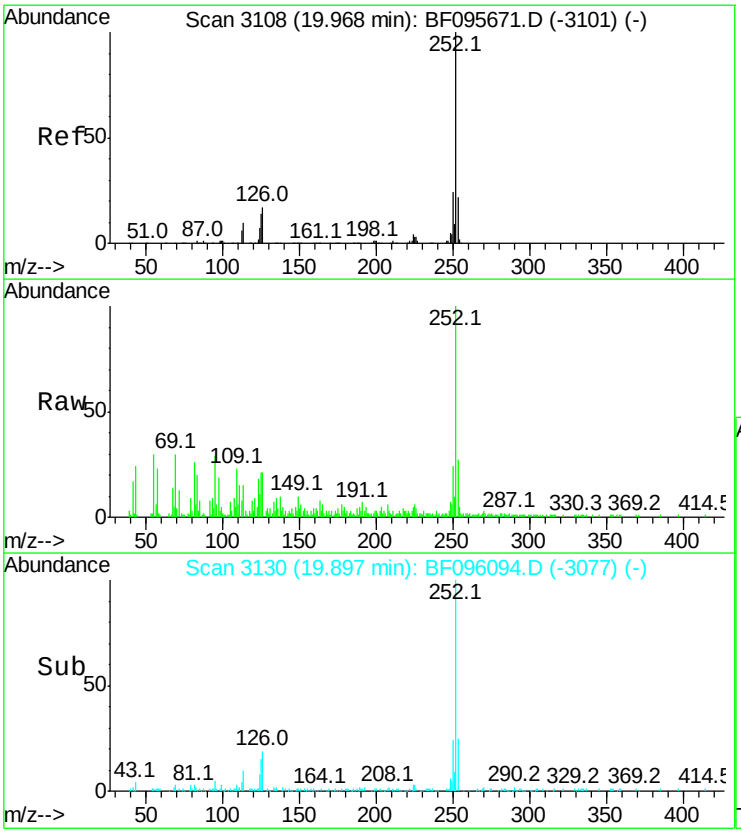
#88
Benzo(k)fluoranthene
Concen: 21.78 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 138379

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	19.7	13.1	19.7#

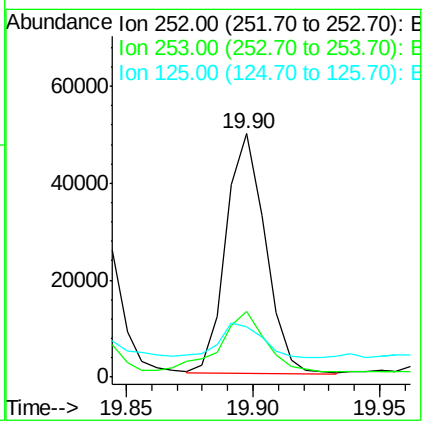


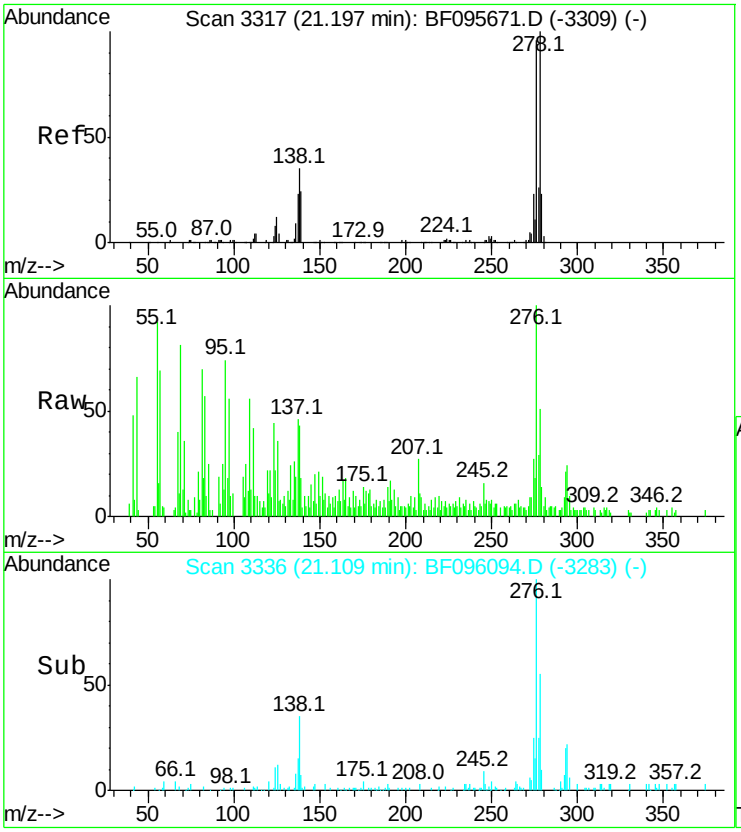


#89
Benzo(a)pyrene
Concen: 8.76 ng
RT: 19.90 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:252 Resp: 53491

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	20.7	11.0	16.4#



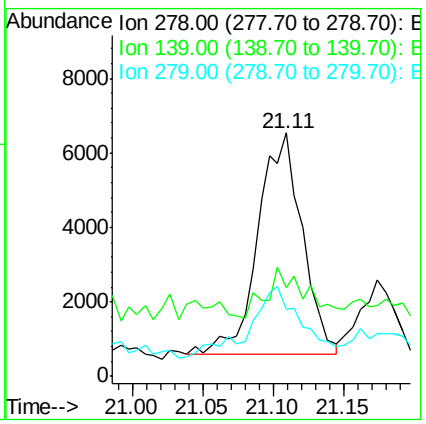


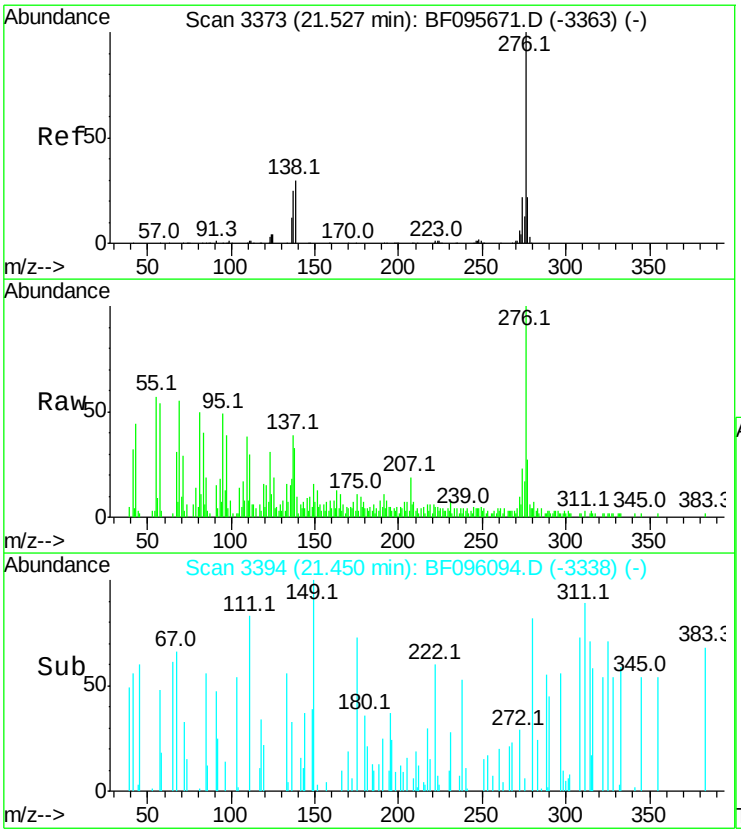
#90
Dibenzo(a,h)anthracene
Concen: 2.53 ng
RT: 21.11 min Scan# 3336
Delta R.T. 0.01 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 13122

Ion	Ratio	Lower	Upper
278	100		
139	36.4	16.6	24.8#
279	27.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 6.70 ng
RT: 21.45 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BF096094.D
Acq: 21 Jun 2017 20:23

Tgt Ion:276 Resp: 35377

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	32.8	25.4	38.0