Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095945.D
Acq On : 15 Jun 2017 3:17
Operator : SJ/MA
Sample : I3635-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 04:00:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	68816	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	260231	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	99294	20.00	ng		-0.07
63) Phenanthrene-d10	14.58	188	157079	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	135263	20.00	ng		-0.05
86) Perylene-d12	19.97	264	90512	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	197422	45.71	ng		-0.05
7) Phenol-d6	6.91	99	238913	46.21	ng		-0.05
23) Nitrobenzene-d5	8.25	82	128922	30.77	ng		-0.07
41) 2,4,6-Tribromophenol	13.49	330	34581	39.36	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	271099	37.99	ng		-0.07
78) Terphenyl-d14	16.95	244	185742	34.08	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.25	70	15999	4.88	ng	#	75
49) Dimethylphthalate	11.85	163	28475	3.78	ng		96
50) 2,6-Dinitrotoluene	12.19	165	13469	8.19	ng	#	31
55) 4-Nitrophenol	12.55	139	246	4.83	ng	#	25
70) Phenanthrene	14.62	178	26218	2.89	ng		96
71) Anthracene	14.62	178	26218	2.77	ng		97
74) Fluoranthene	16.40	202	63826	7.12	ng		98
77) Pyrene	16.70	202	59166	5.86	ng	#	95
80) Benzo(a)anthracene	18.29	228	30910	3.93	ng		98
82) Chrysene	18.34	228	31685	4.03	ng		94
87) Benzo(b)fluoranthene	19.57	252	46454	8.20	ng	#	91
88) Benzo(k)fluoranthene	19.57	252	46454	8.58	ng		95
89) Benzo(a)pyrene	19.92	252	22261	4.27	ng	#	87
91) Benzo(g,h,i)perylene	21.49	276	15669	3.48	ng		96

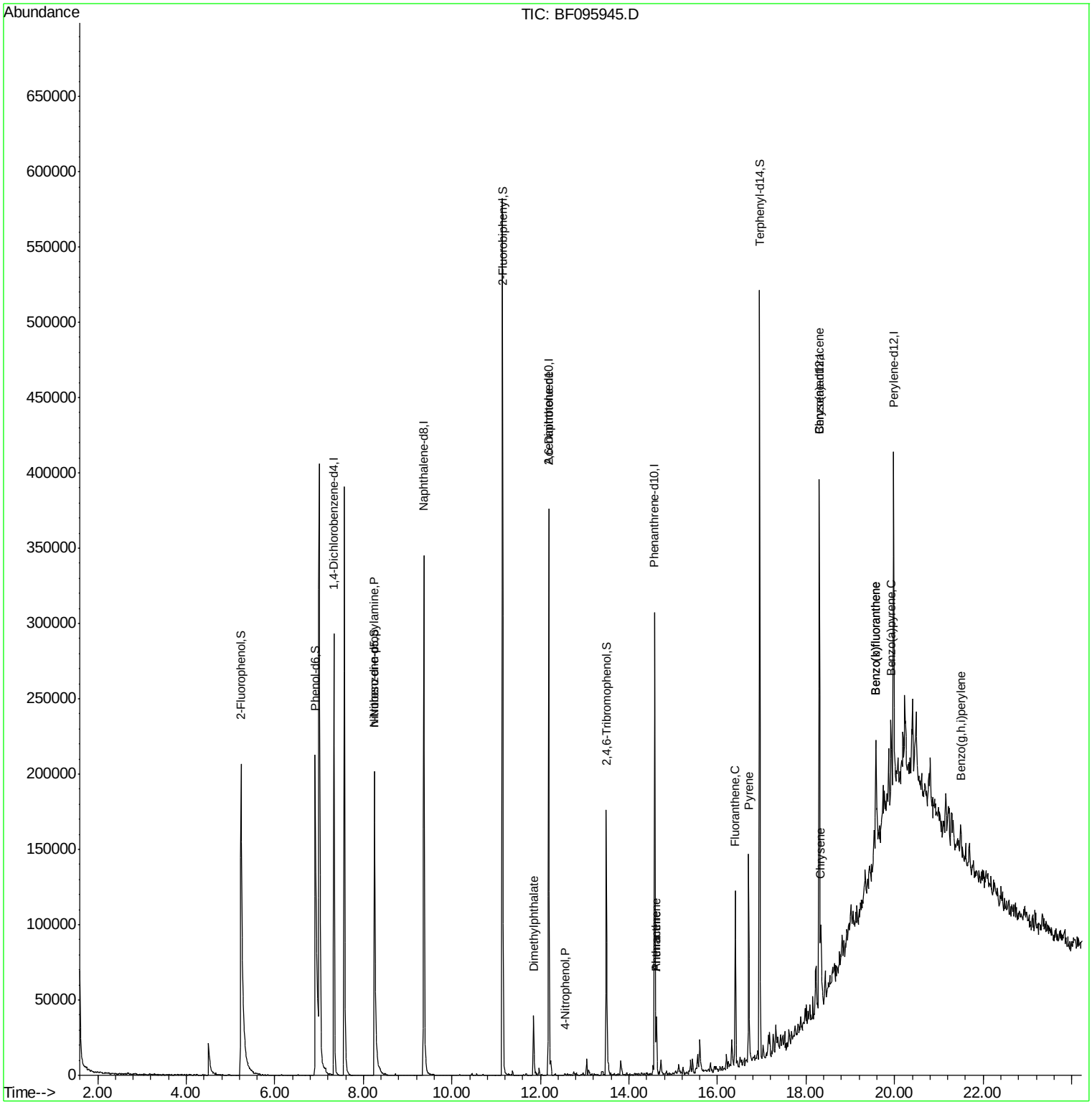
(#) = qualifier out of range (m) = manual integration (+) = signals summed

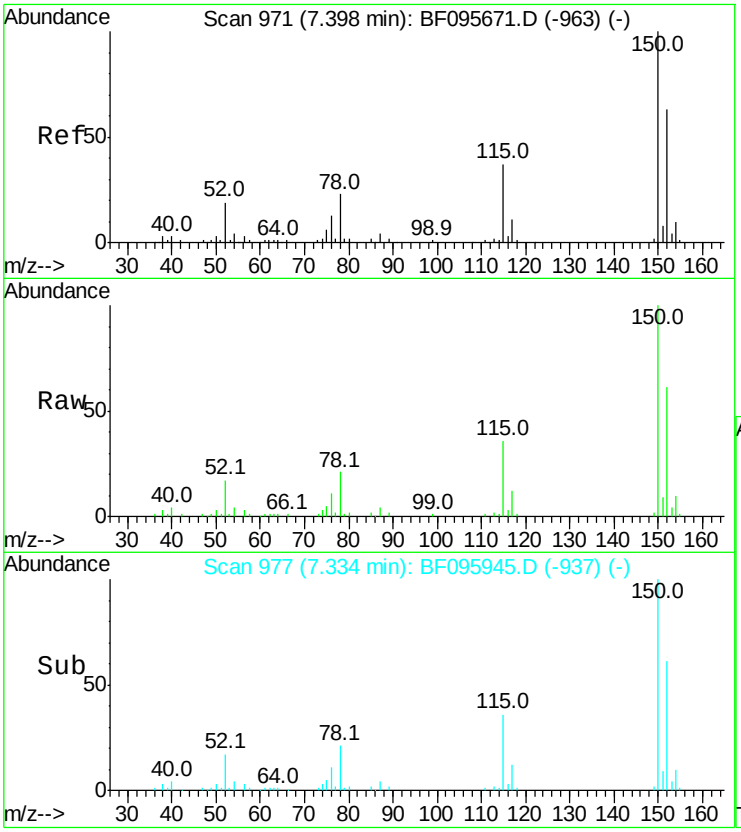
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095945.D
Acq On : 15 Jun 2017 3:17
Operator : SJ/MA
Sample : I3635-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:00:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

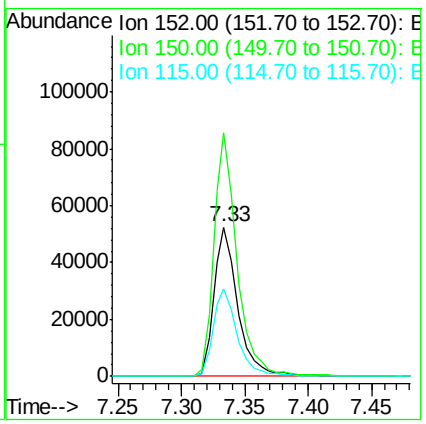




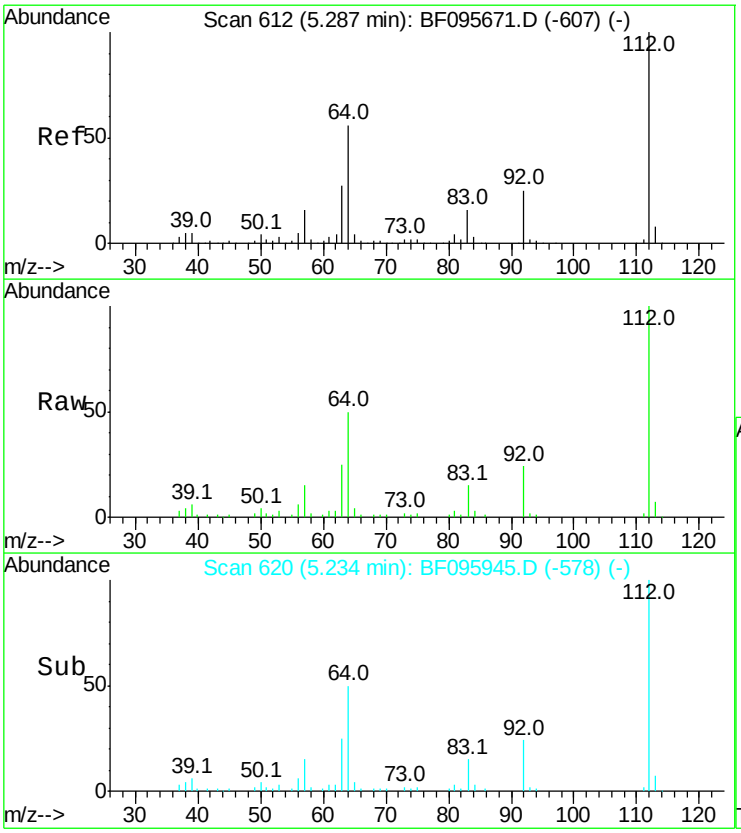
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:152 Resp: 68816

Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.2	189.2
115	58.4	52.2	78.2



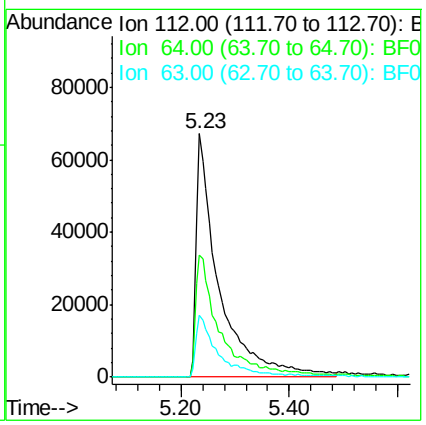
Instrument :
BNA_F
ClientSampleId :

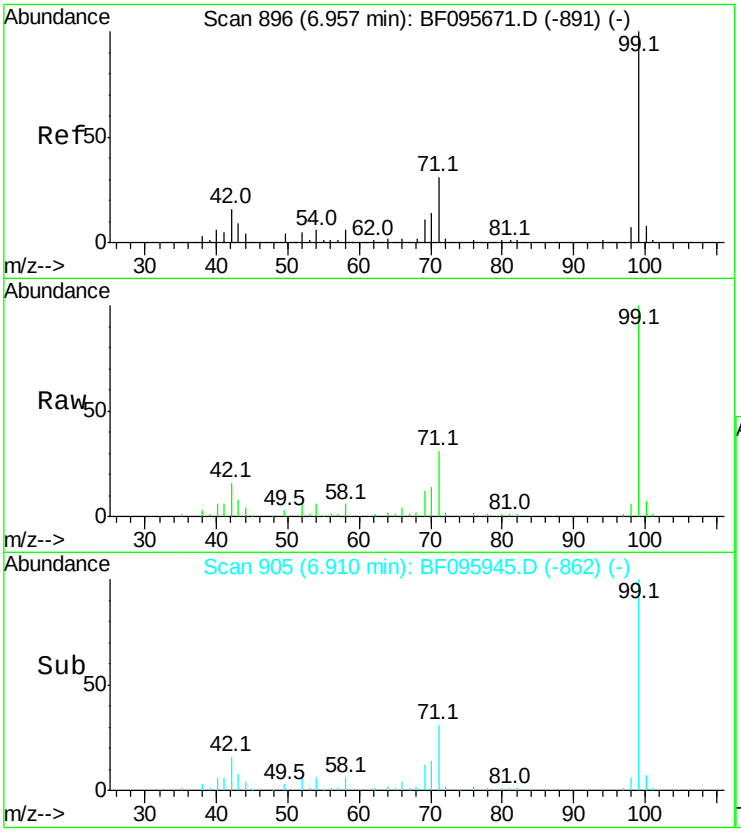


#5
2-Fluorophenol
Concen: 45.71 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:112 Resp: 197422

Ion	Ratio	Lower	Upper
112	100		
64	50.0	46.0	69.0
63	25.4	23.4	35.0



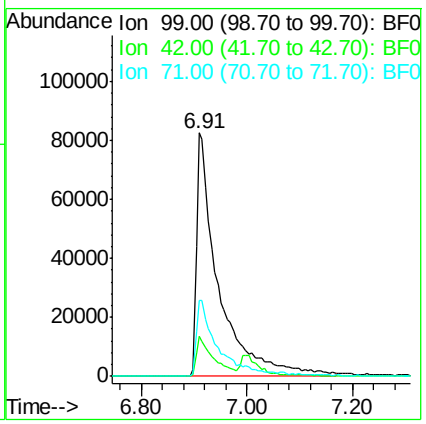


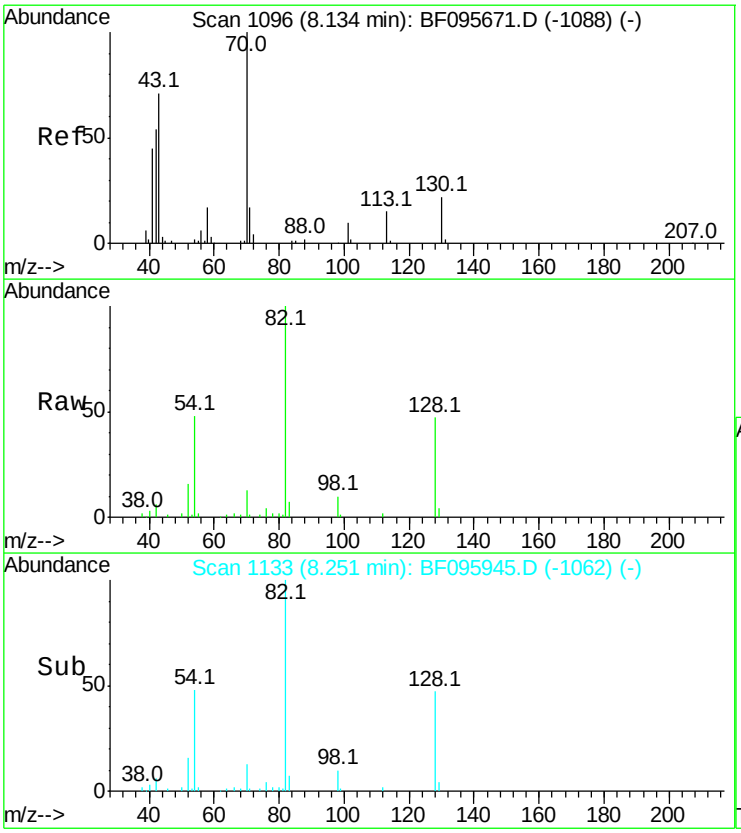
#7
Phenol-d6
Concen: 46.21 ng
RT: 6.91 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 238913

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.4	24.5	36.7

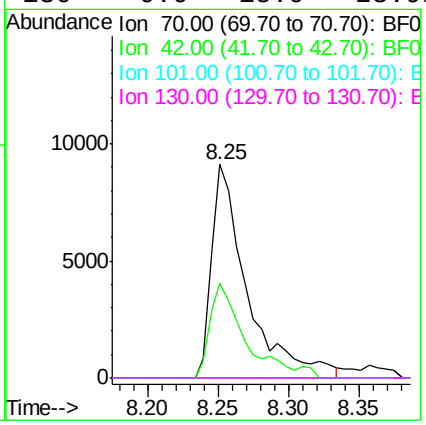


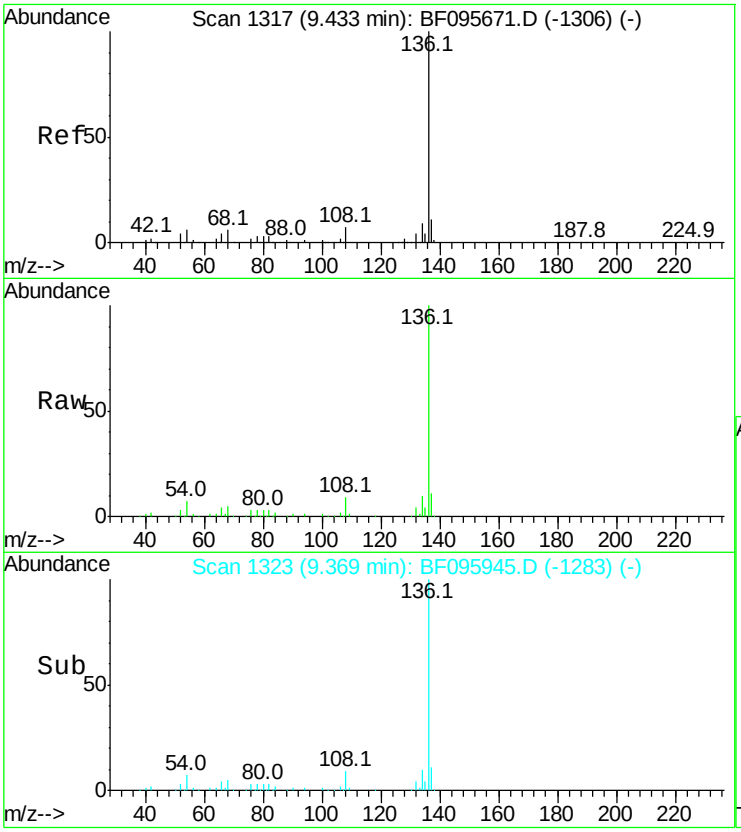


#19
n-Nitroso-di-n-propylamine
Concen: 4.88 ng
RT: 8.25 min Scan# 1133
Delta R.T. 0.12 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion: 70 Resp: 15999

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



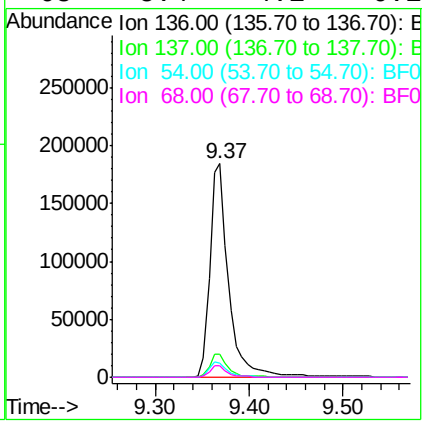


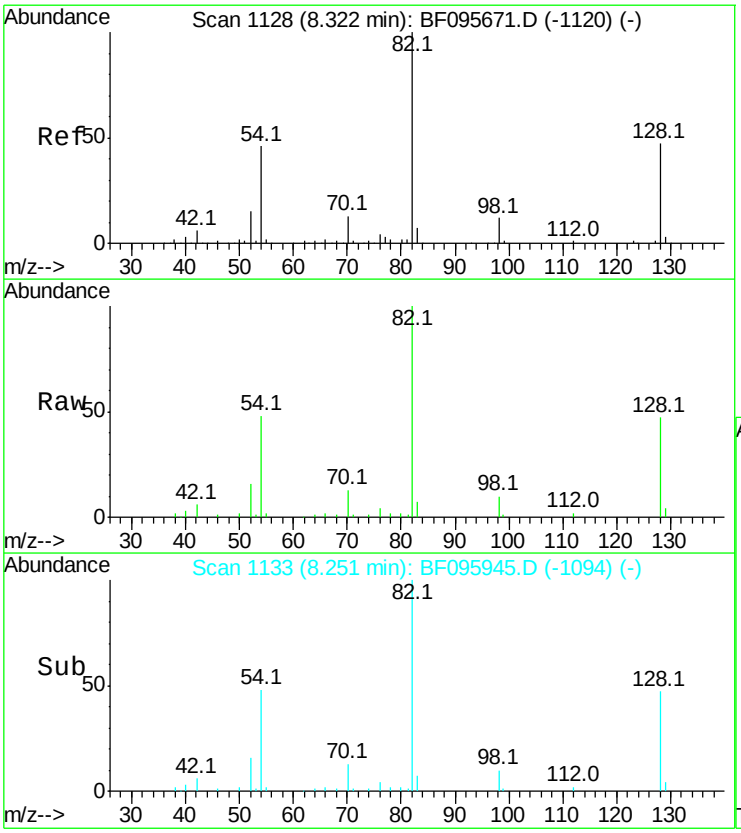
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 260231

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.4	4.1	6.1

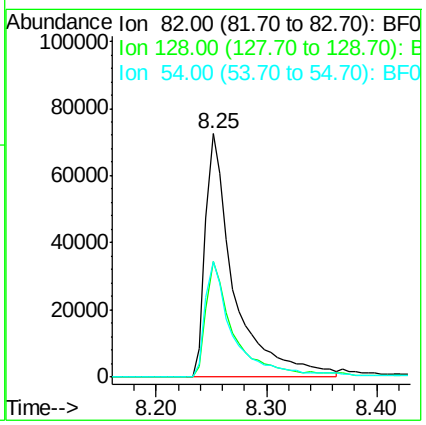


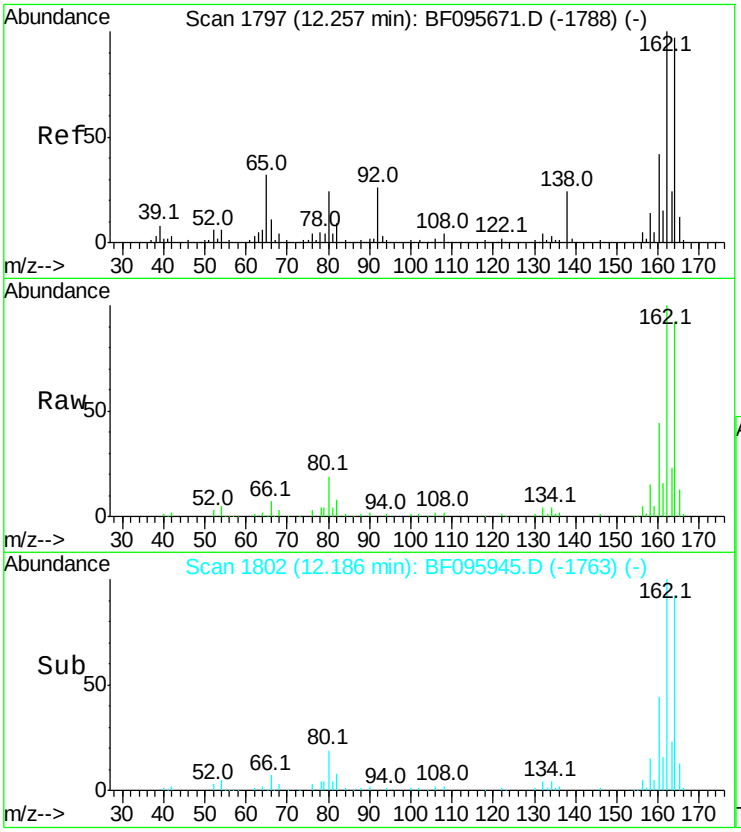


#23
Nitrobenzene-d5
Concen: 30.77 ng
RT: 8.25 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion: 82 Resp: 128922

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	47.6	42.2	63.2



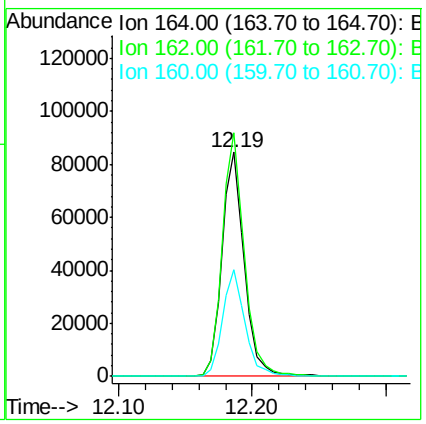


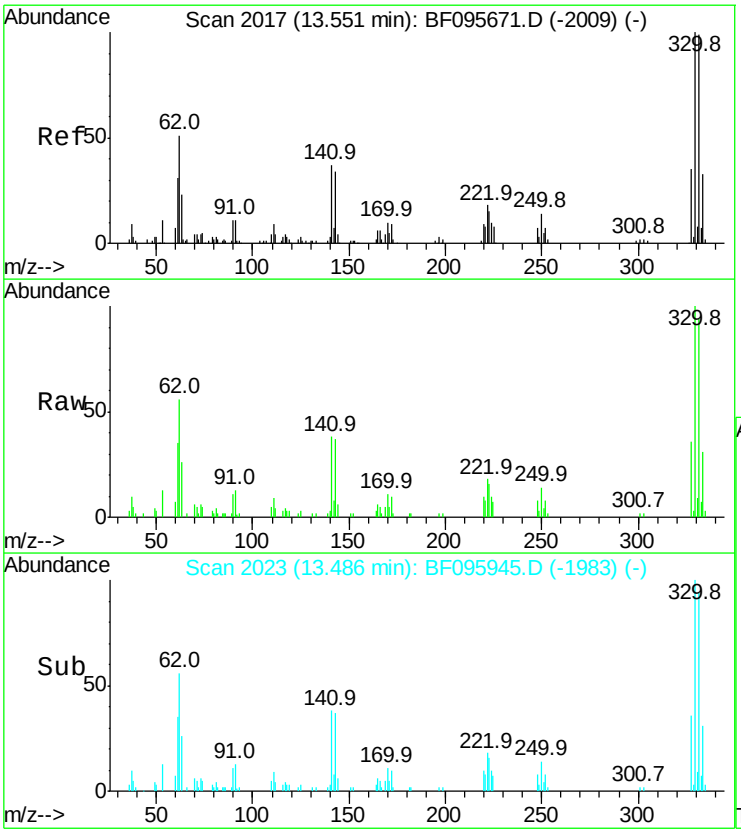
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 99294

Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.6	123.8
160	47.4	36.2	54.2

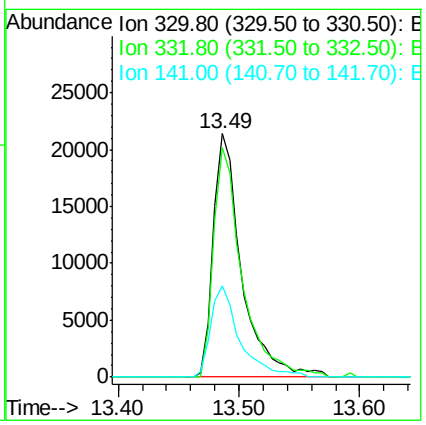


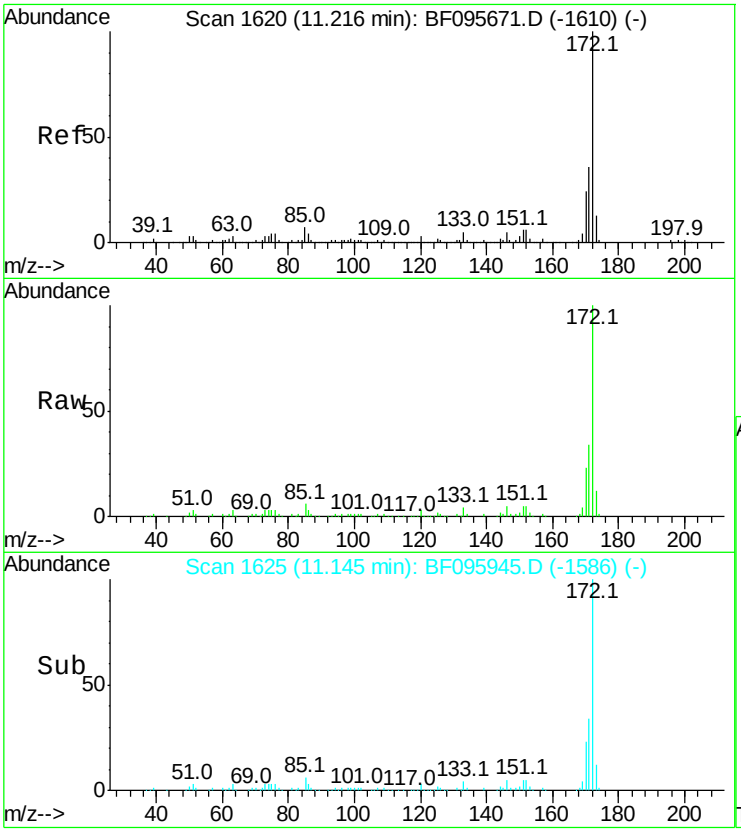


#41
2,4,6-Tribromophenol
Concen: 39.36 ng
RT: 13.49 min Scan# 2023
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:330 Resp: 34581

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.2	31.4	47.2



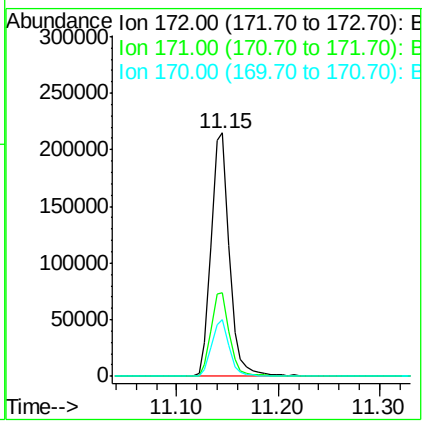


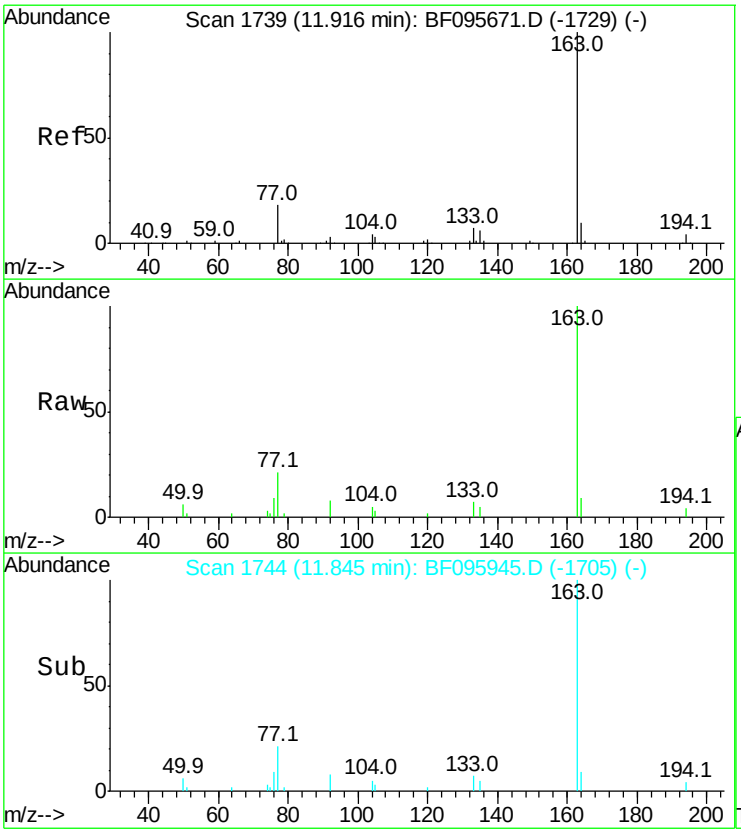
#44
2-Fluorobiphenyl
Concen: 37.99 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 271099

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	23.4	19.8	29.8

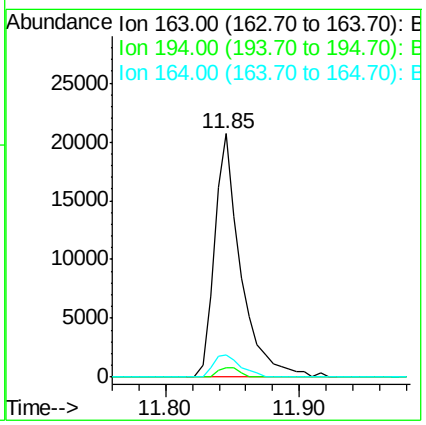


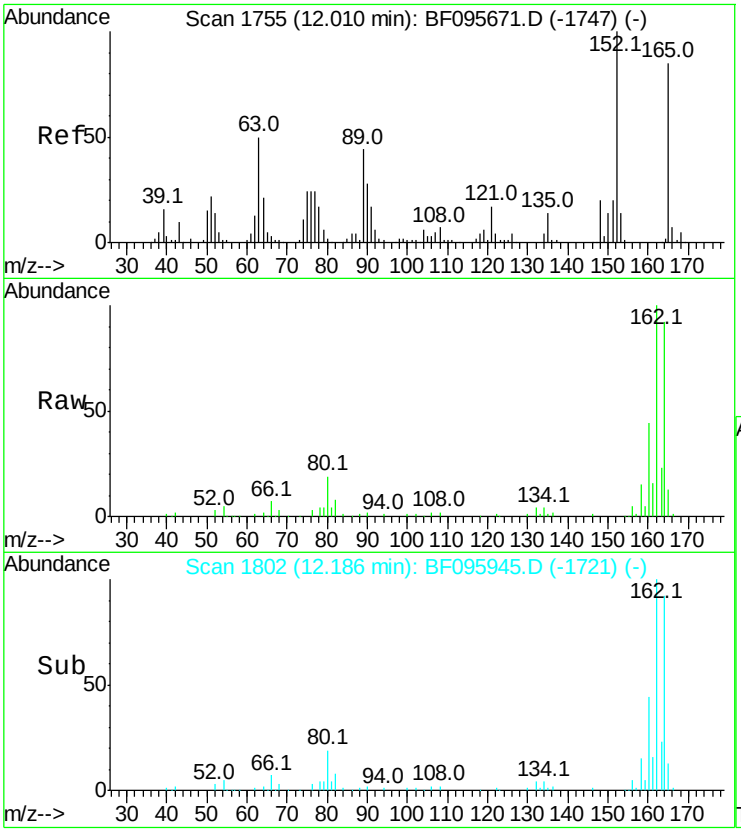


#49
Dimethylphthalate
Concen: 3.78 ng
RT: 11.85 min Scan# 1744
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:163 Resp: 28475

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	8.9	8.4	12.6



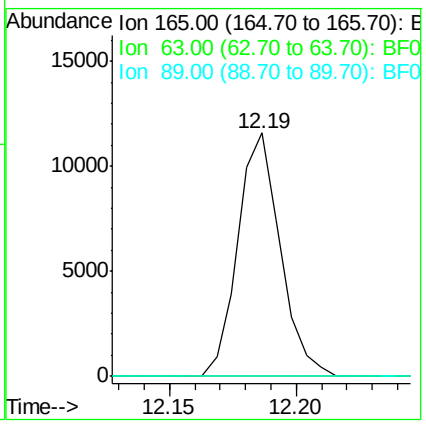


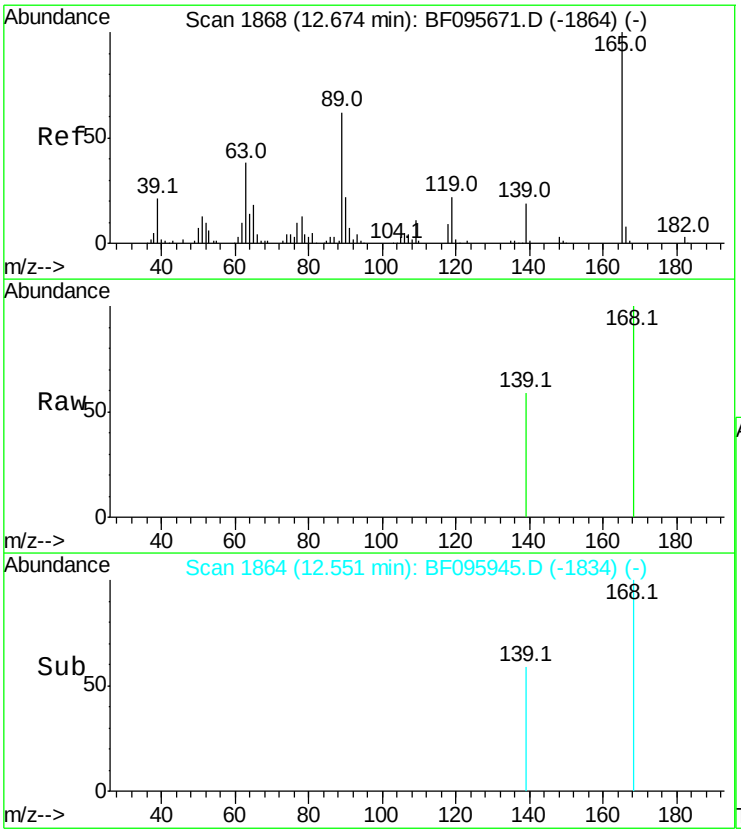
#50
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 12.19 min Scan# 1802
Delta R.T. 0.18 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13469

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

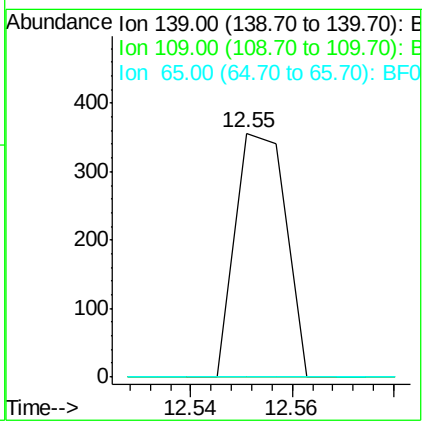


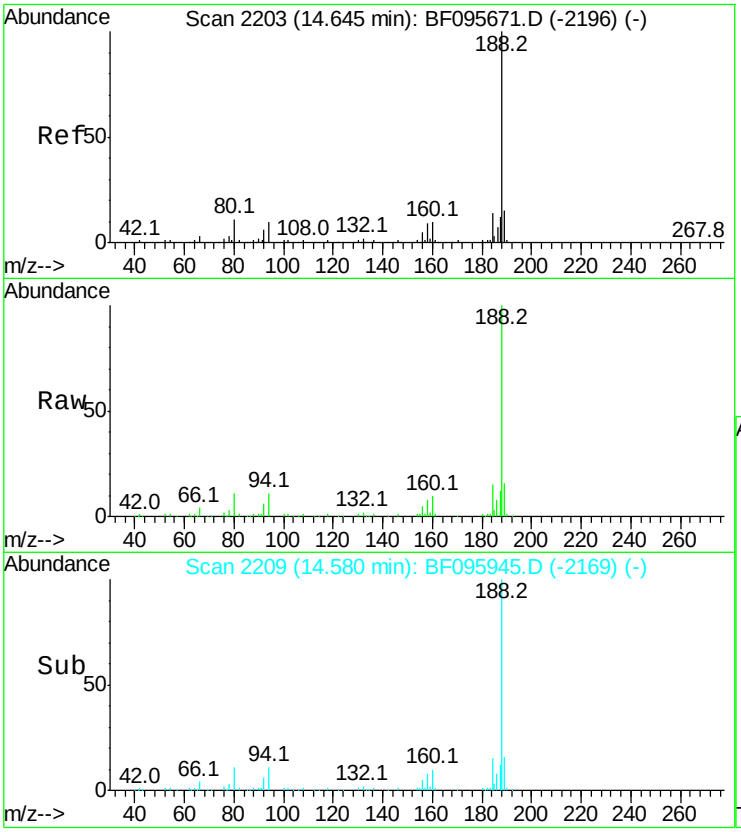


#55
4-Nitrophenol
Concen: 4.83 ng
RT: 12.55 min Scan# 1864
Delta R.T. -0.12 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:139 Resp: 246

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



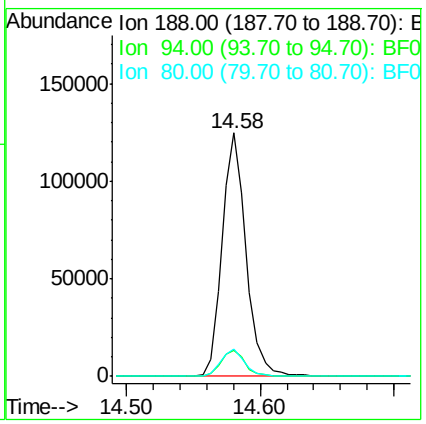


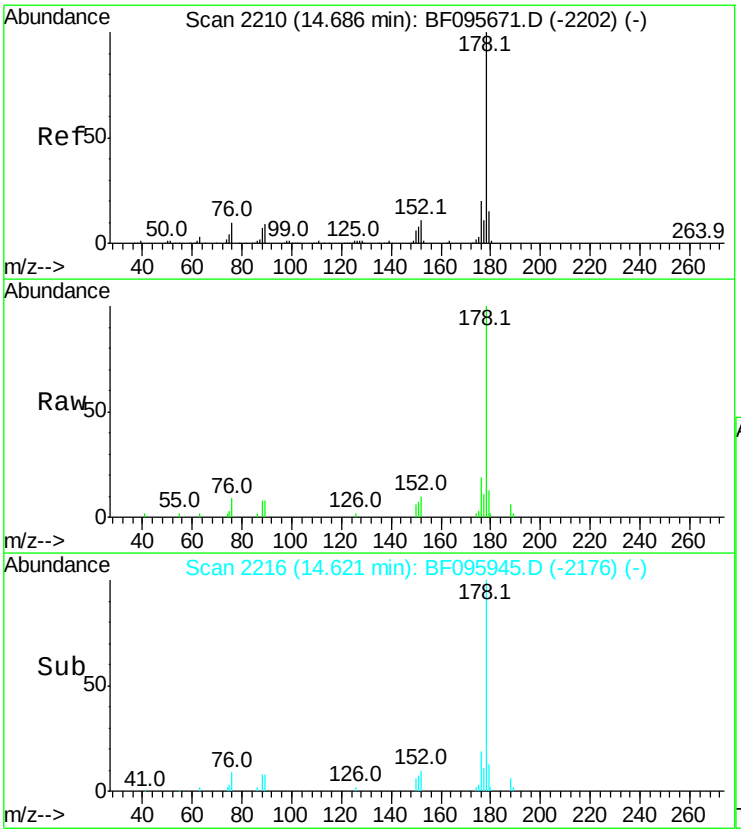
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 157079

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.1	10.2	15.2

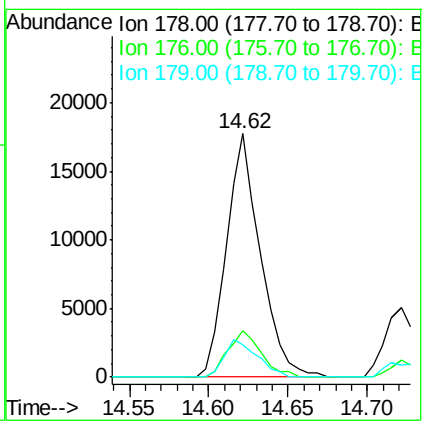


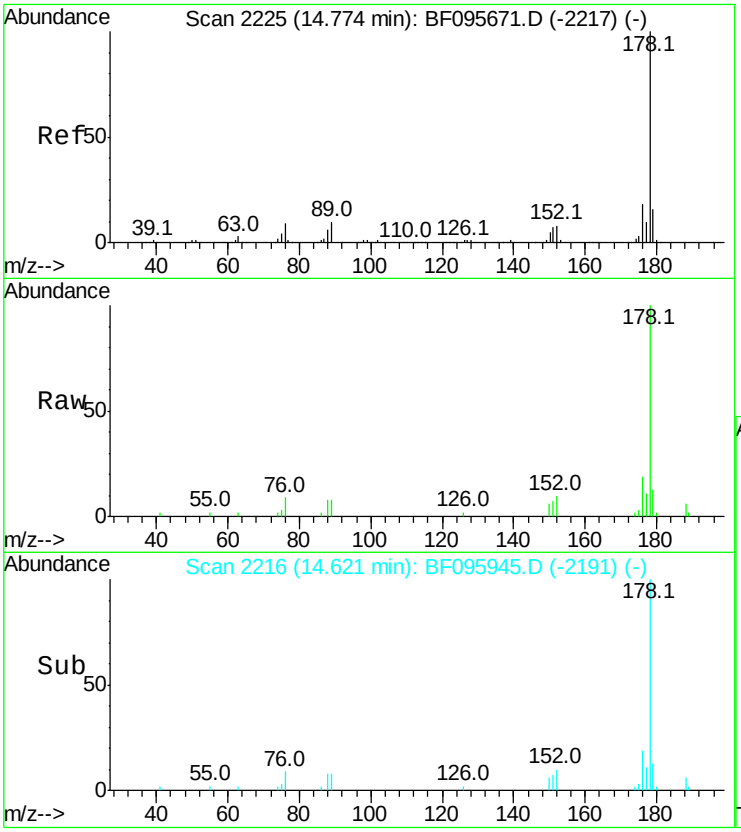


#70
Phenanthrene
Concen: 2.89 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:178 Resp: 26218

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	13.4	12.6	19.0



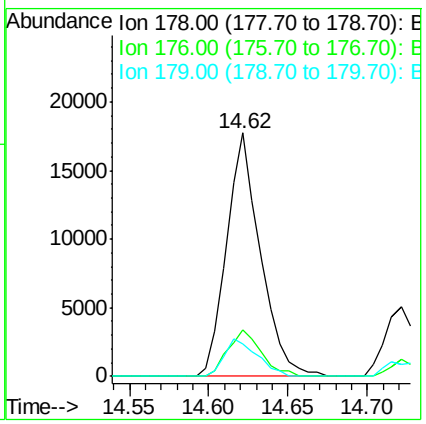


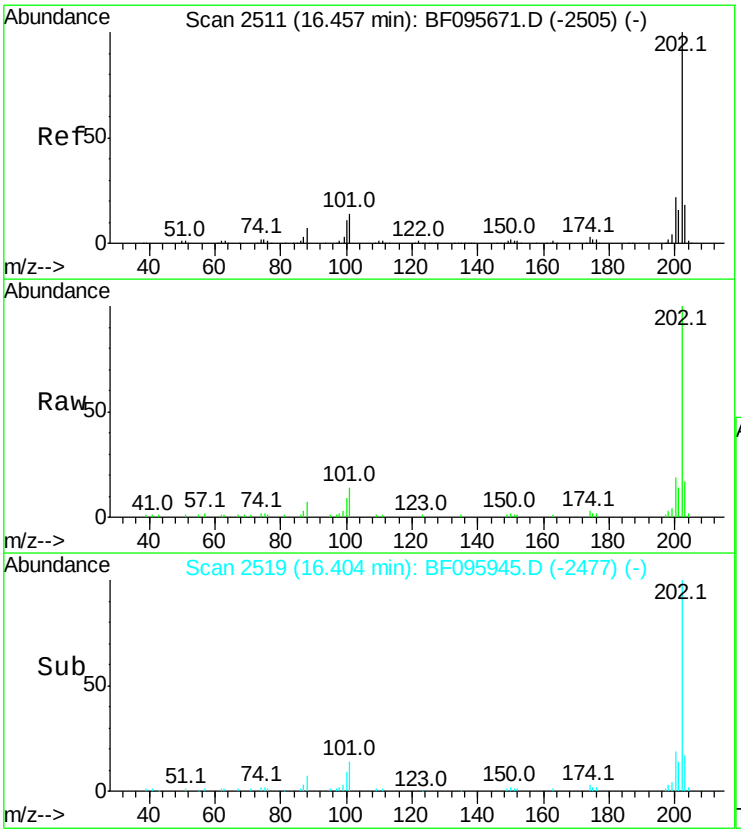
#71
Anthracene
Concen: 2.77 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.15 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 26218

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	13.4	12.7	19.1

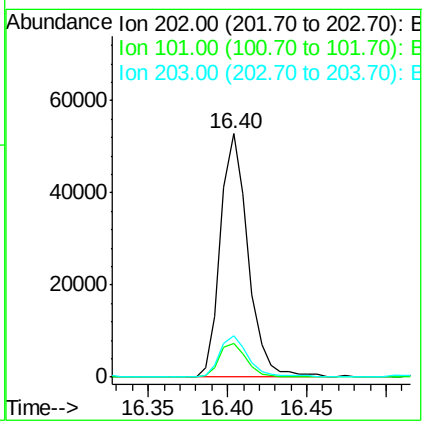


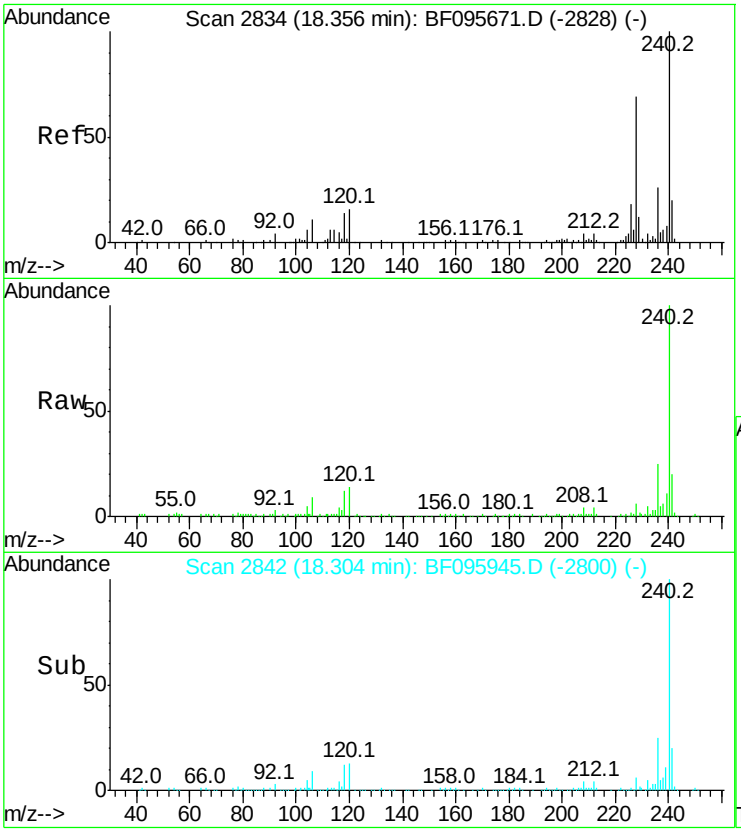


#74
Fluoranthene
Concen: 7.12 ng
RT: 16.40 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:202 Resp: 63826

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.0	0.0	38.1



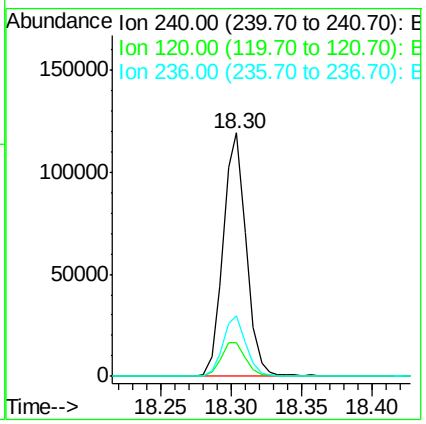


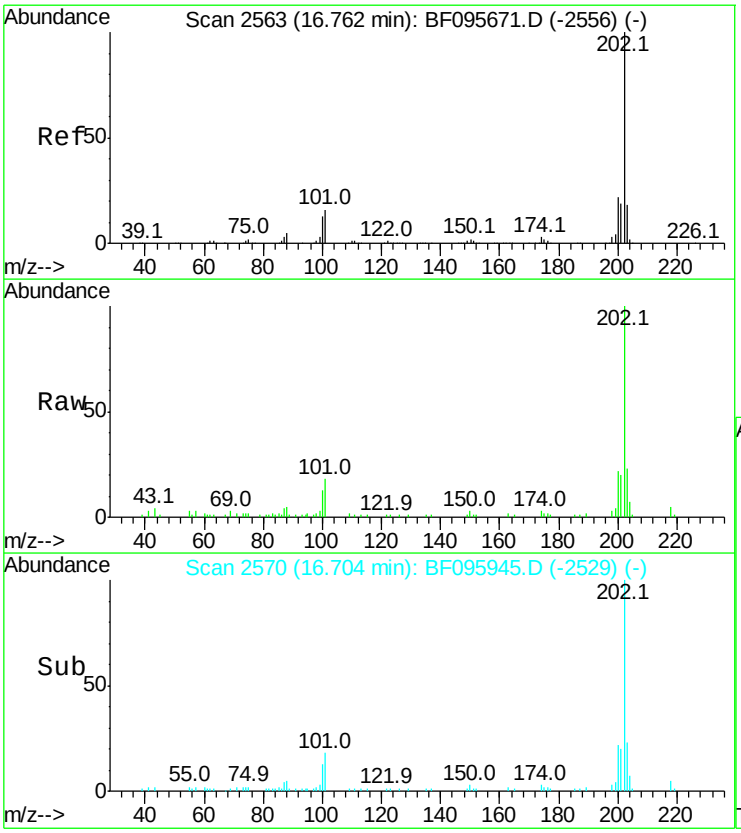
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 135263

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7

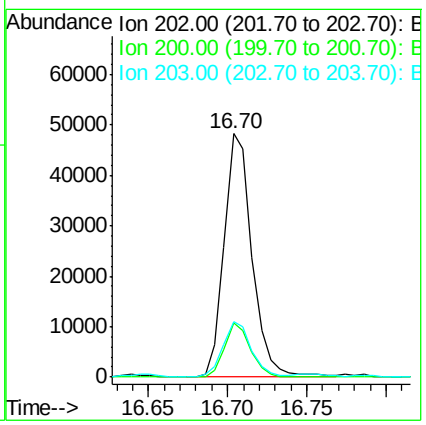


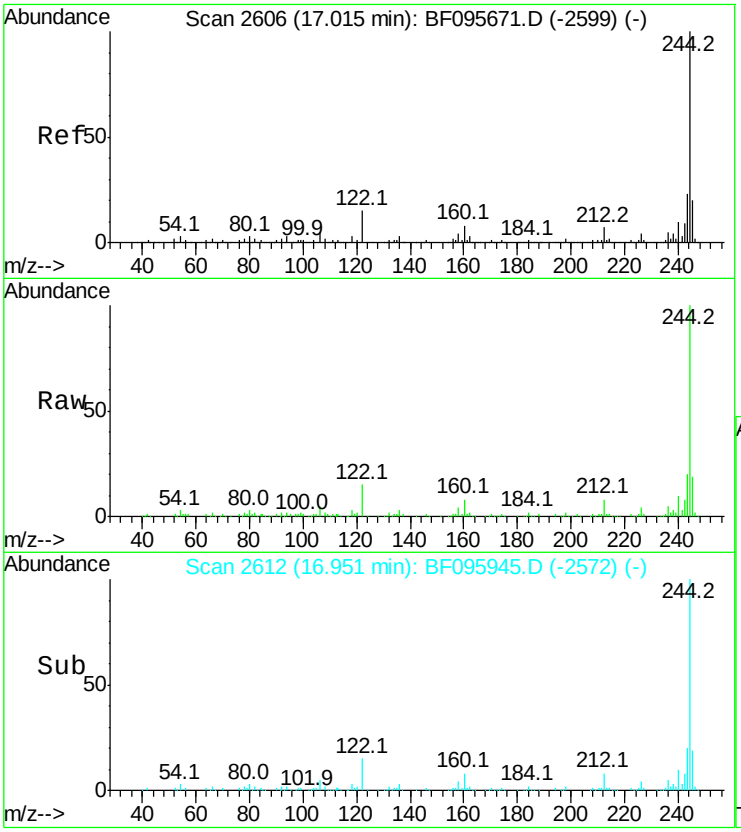


#77
Pyrene
Concen: 5.86 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:202 Resp: 59166

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	22.8	14.4	21.6#



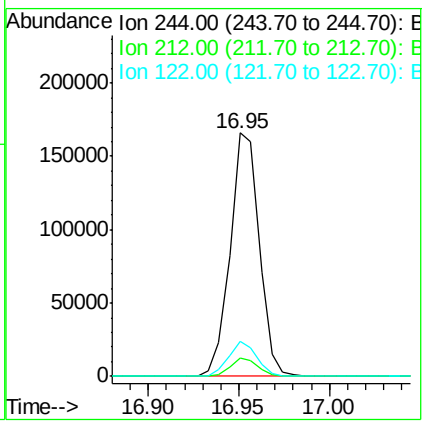


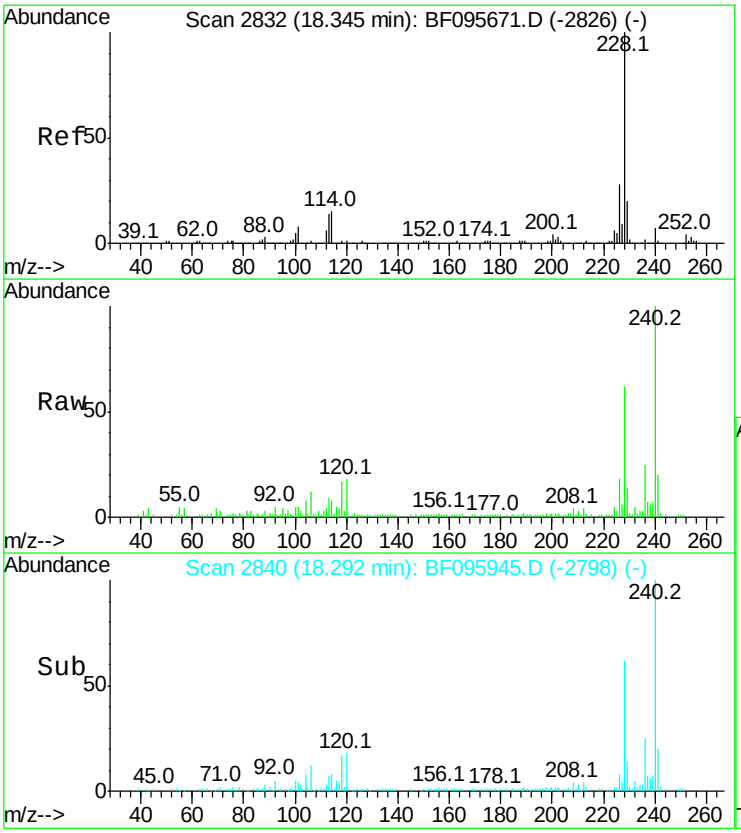
#78
Terphenyl-d14
Concen: 34.08 ng
RT: 16.95 min Scan# 2612
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 185742

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.6	10.3	15.5

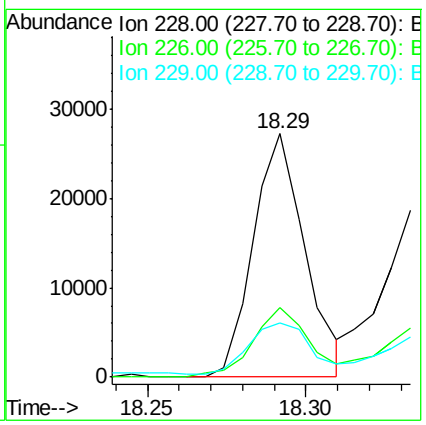


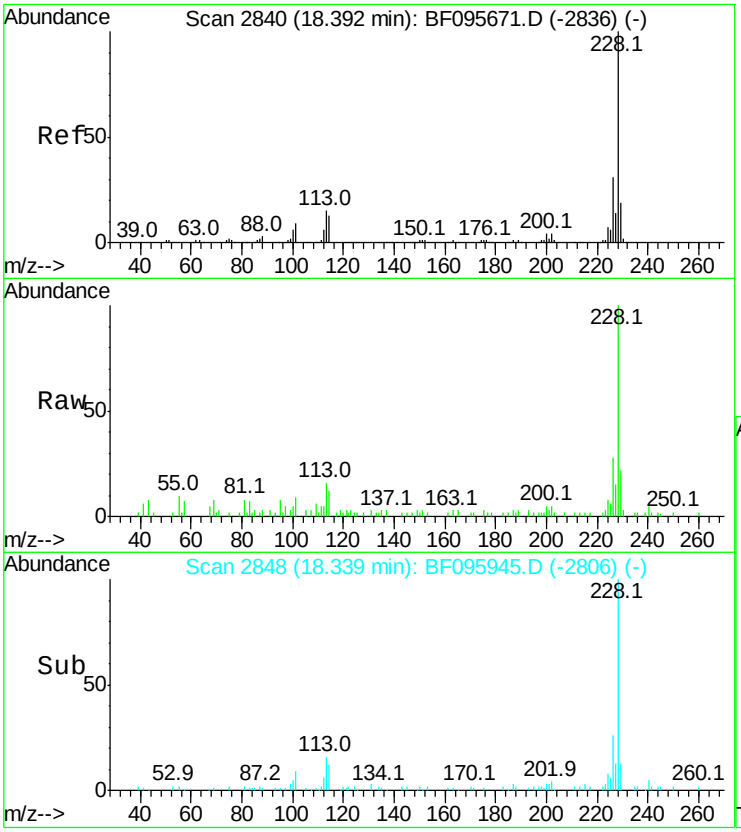


#80
Benzo(a)anthracene
Concen: 3.93 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:228 Resp: 30910

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.2	16.3	24.5



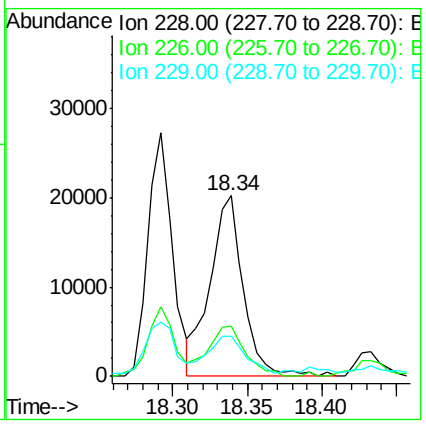


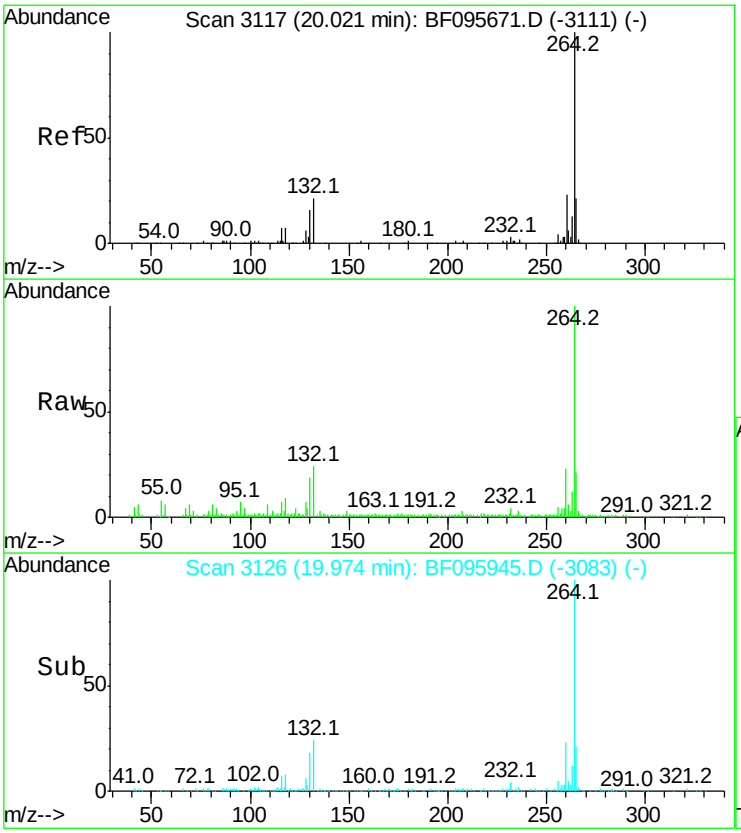
#82
Chrysene
Concen: 4.03 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 31685

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.9	37.3
229	22.0	15.8	23.6

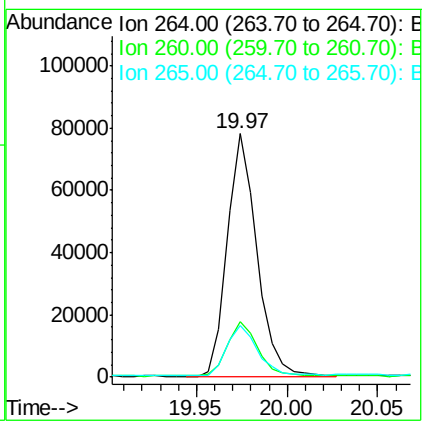


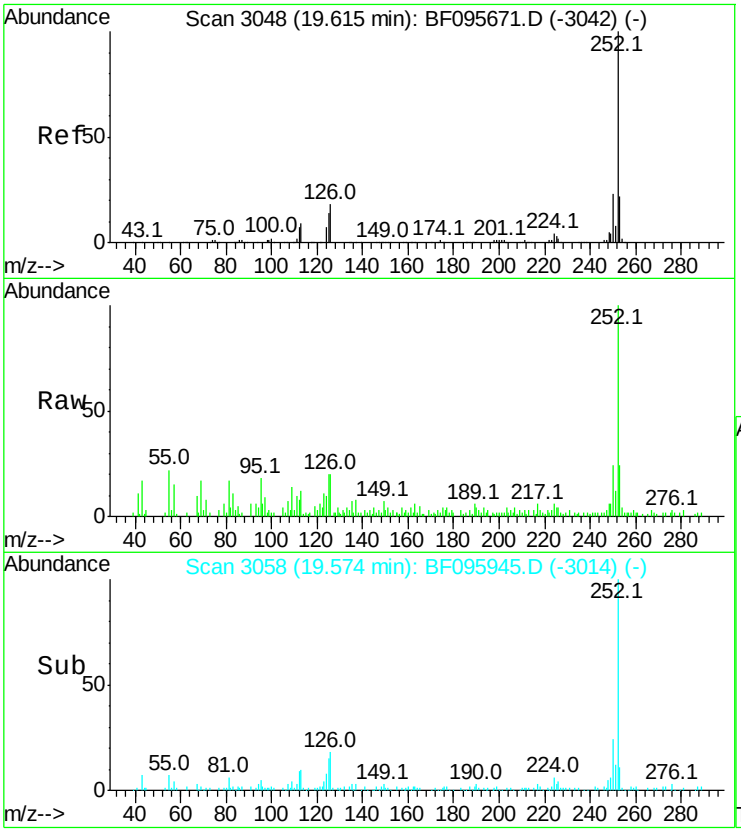


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:264 Resp: 90512

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	17.2	25.8



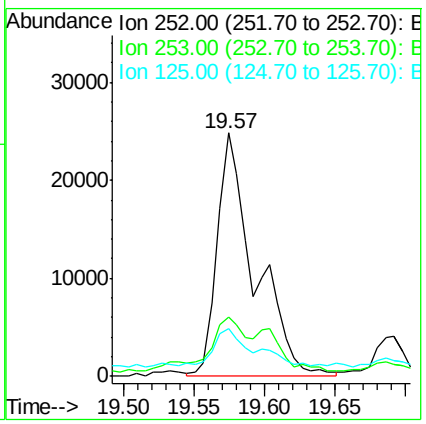


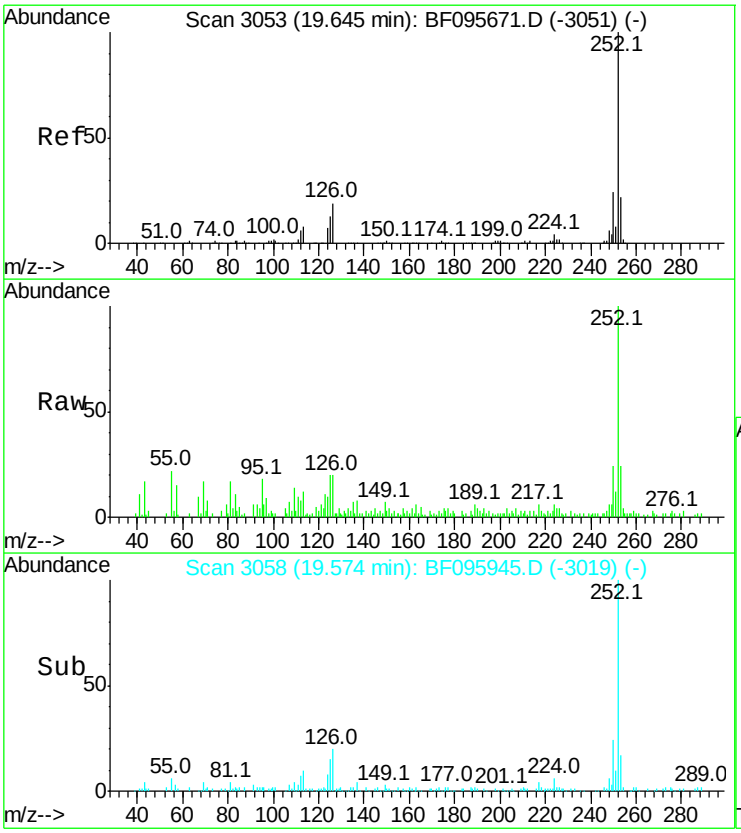
#87
Benzo(b)fluoranthene
Concen: 8.20 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.04 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46454

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	19.6	9.8	14.8#

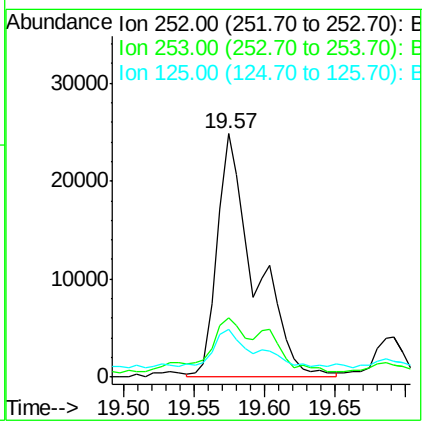


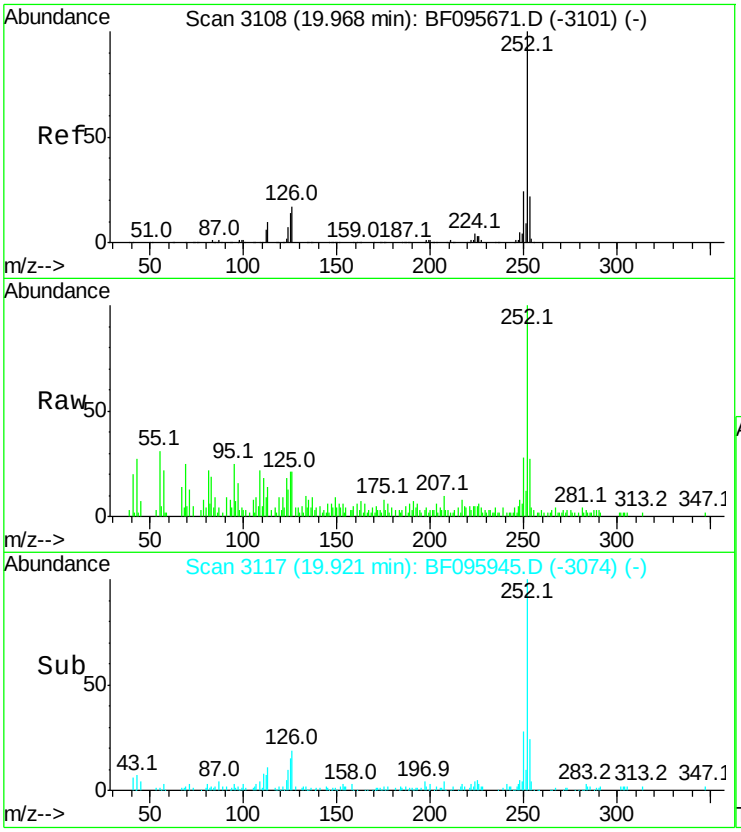


#88
Benzo(k)fluoranthene
Concen: 8.58 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:252 Resp: 46454

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	19.6	13.1	19.7



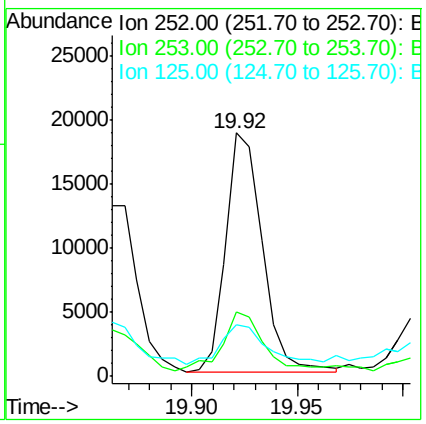


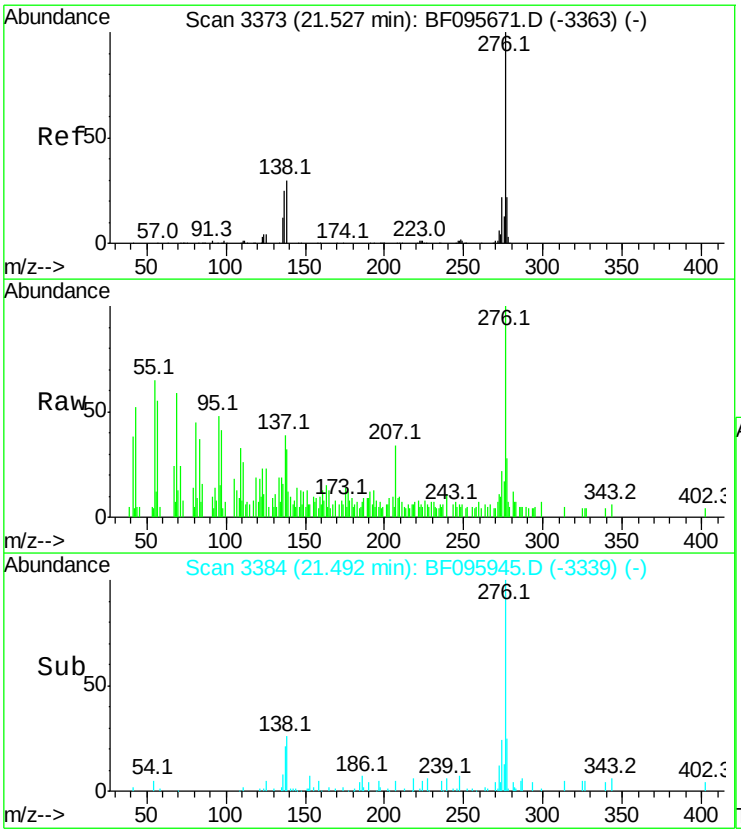
#89
Benzo(a)pyrene
Concen: 4.27 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22261

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	21.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.48 ng
RT: 21.49 min Scan# 3384
Delta R.T. -0.04 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion:276 Resp: 15669

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	32.1	25.4	38.0