Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094986.D
Acq On : 8 May 2017 18:27
Operator : SJ/MA
Sample : I2969-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 08 19:01:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	108402	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	437961	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	205547	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	351641	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	250787	20.00	ng		-0.02
86) Perylene-d12	20.30	264	205645	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	705627	108.52	ng		-0.02
7) Phenol-d6	7.25	99	921327	118.10	ng		-0.02
23) Nitrobenzene-d5	8.61	82	560081	80.64	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	184976	109.88	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	998166	69.90	ng		-0.02
78) Terphenyl-d14	17.29	244	694799	61.02	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	18982	2.31	ng		85
19) n-Nitroso-di-n-propylamine	8.61	70	69456	13.16	ng	#	80
32) Benzoic acid	9.64	122	497	5.19	ng		89
49) Dimethylphthalate	12.20	163	182384	10.81	ng		99
70) Phenanthrene	15.00	178	132669	6.57	ng		97
71) Anthracene	15.10	178	41773	2.02	ng		98
74) Fluoranthene	16.74	202	232835	11.23	ng		99
77) Pyrene	17.05	202	176171	9.39	ng		95
80) Benzo(a)anthracene	18.62	228	85368	5.85	ng		96
82) Chrysene	18.67	228	71527	5.07	ng		96
85) Indeno(1,2,3-cd)pyrene	21.61	276	33880	2.96	ng		97
87) Benzo(b)fluoranthene	19.90	252	117148	9.22	ng		98
88) Benzo(k)fluoranthene	19.90	252	117148	9.56	ng		97
89) Benzo(a)pyrene	20.25	252	61724	5.26	ng		99
91) Benzo(g,h,i)perylene	21.98	276	30198	3.18	ng		95

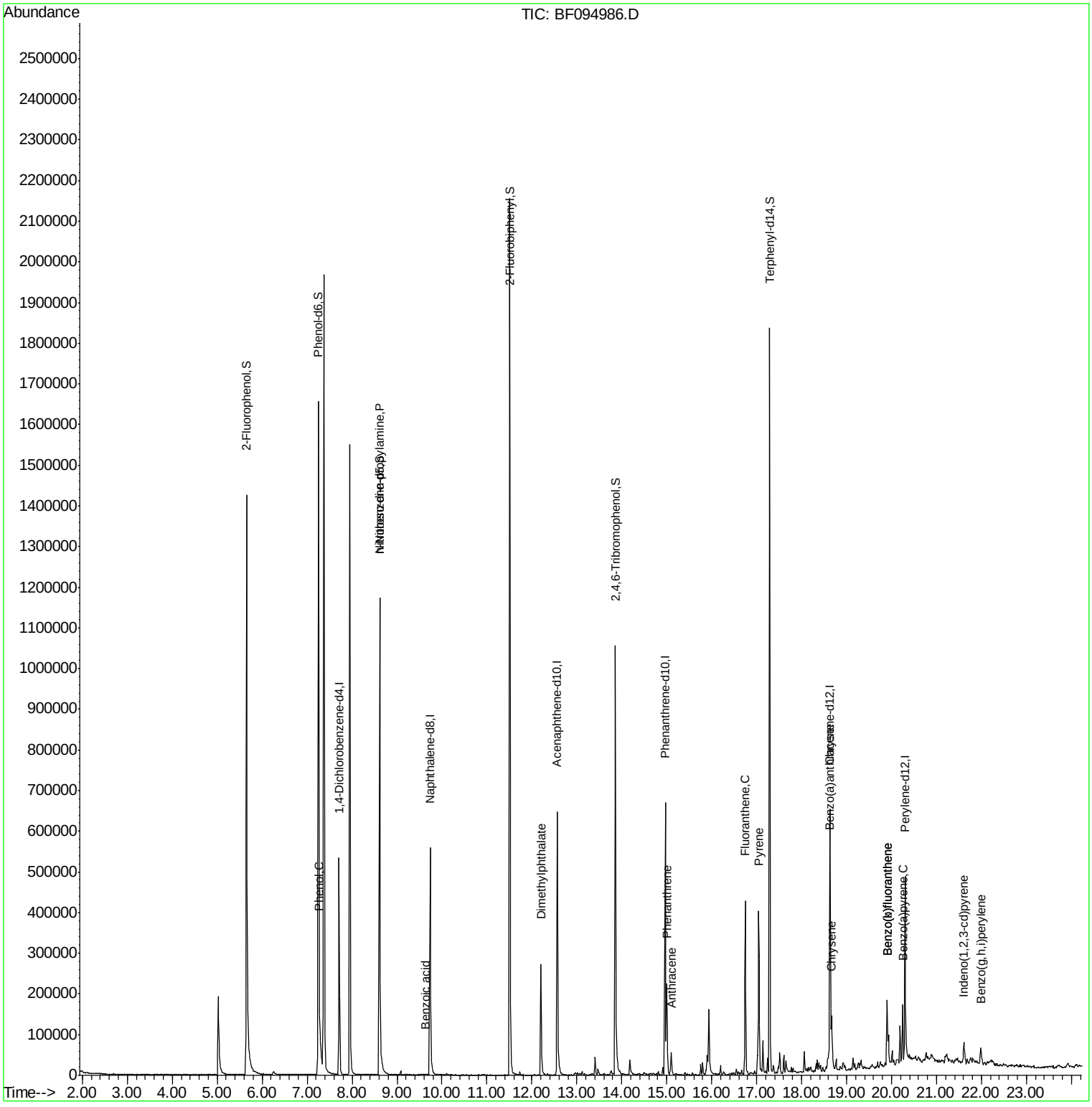
(#) = qualifier out of range (m) = manual integration (+) = signals summed

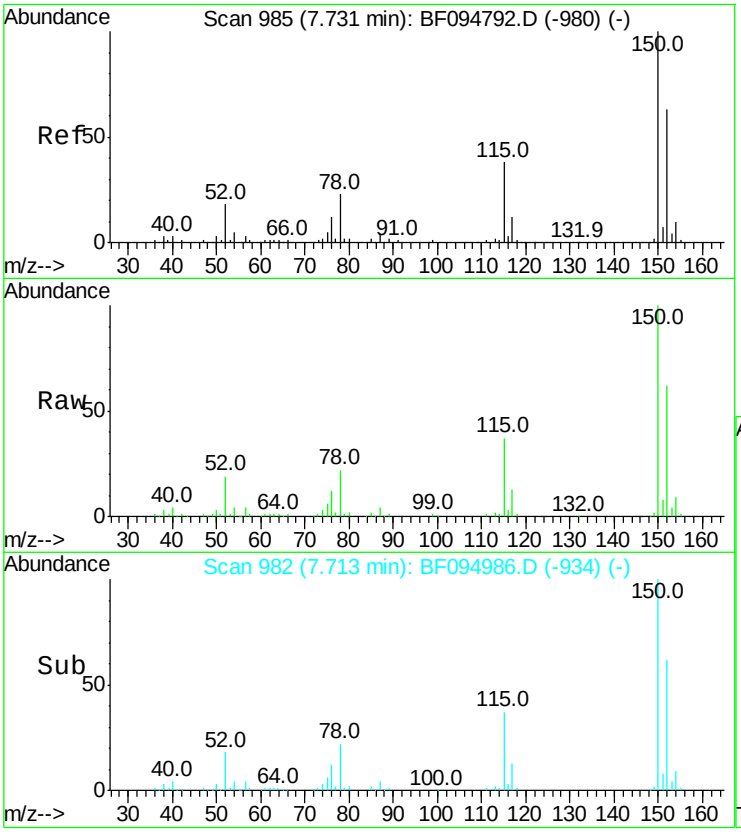
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094986.D
Acq On : 8 May 2017 18:27
Operator : SJ/MA
Sample : I2969-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 19:01:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



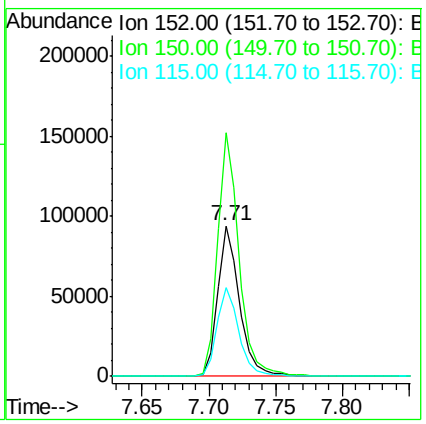


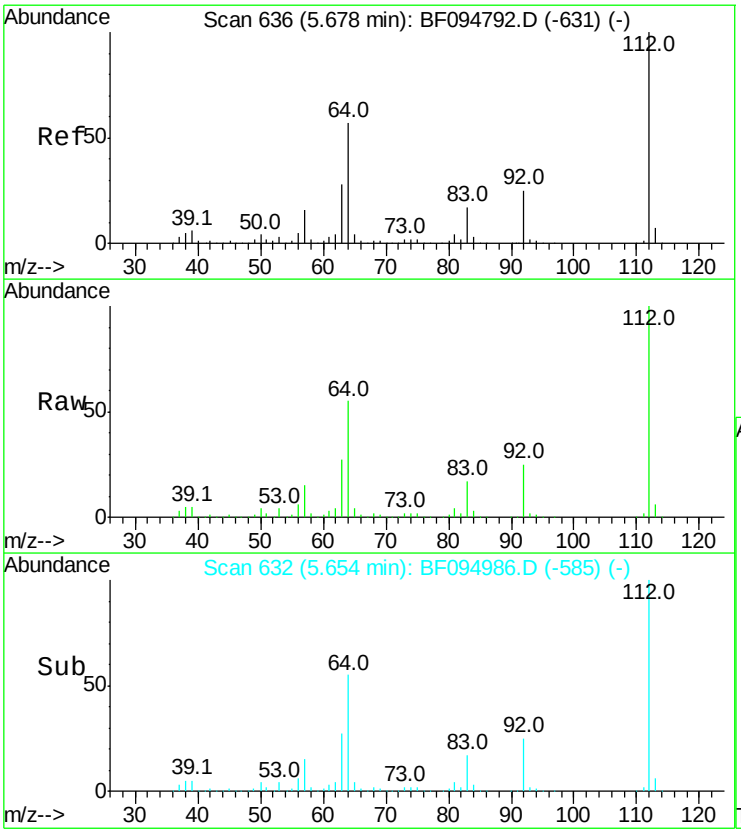
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108402

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.2	189.2
115	59.3	52.2	78.2

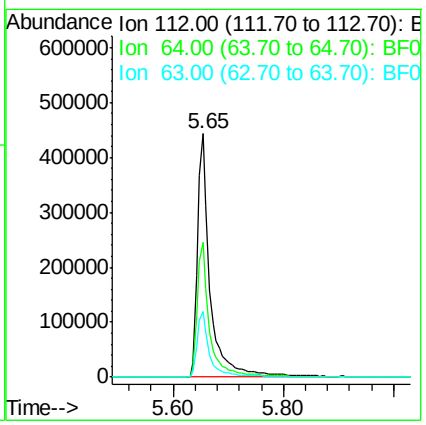


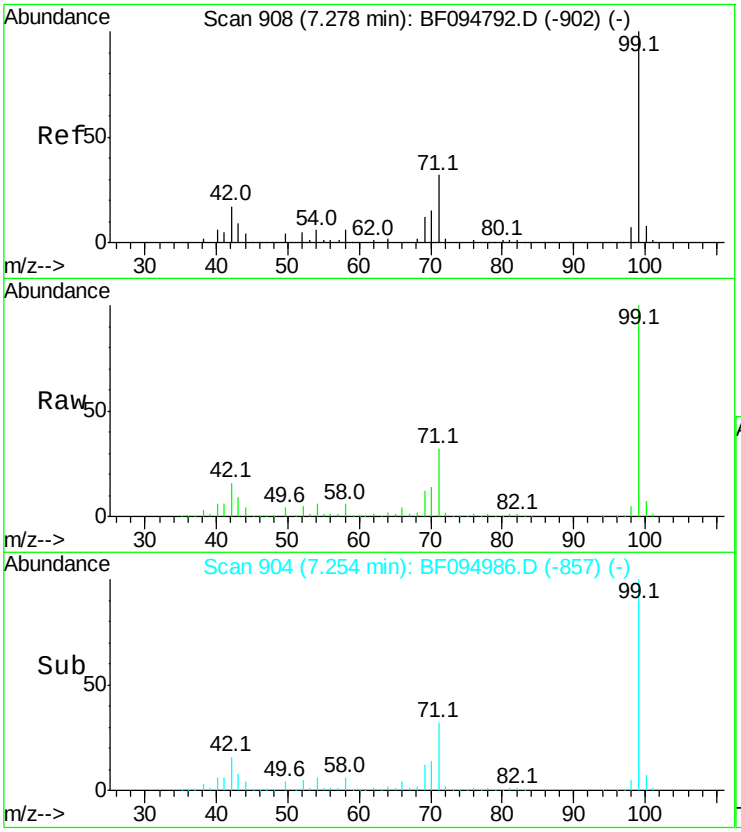


#5
2-Fluorophenol
Concen: 108.52 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:112 Resp: 705627

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	26.8	23.4	35.0



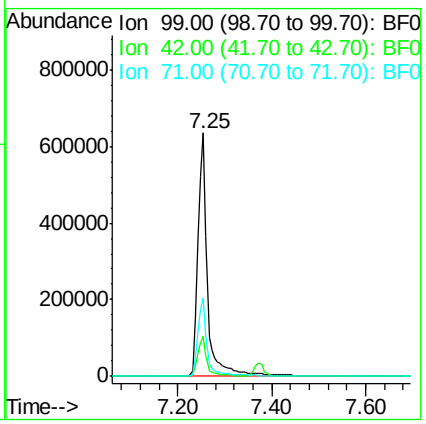


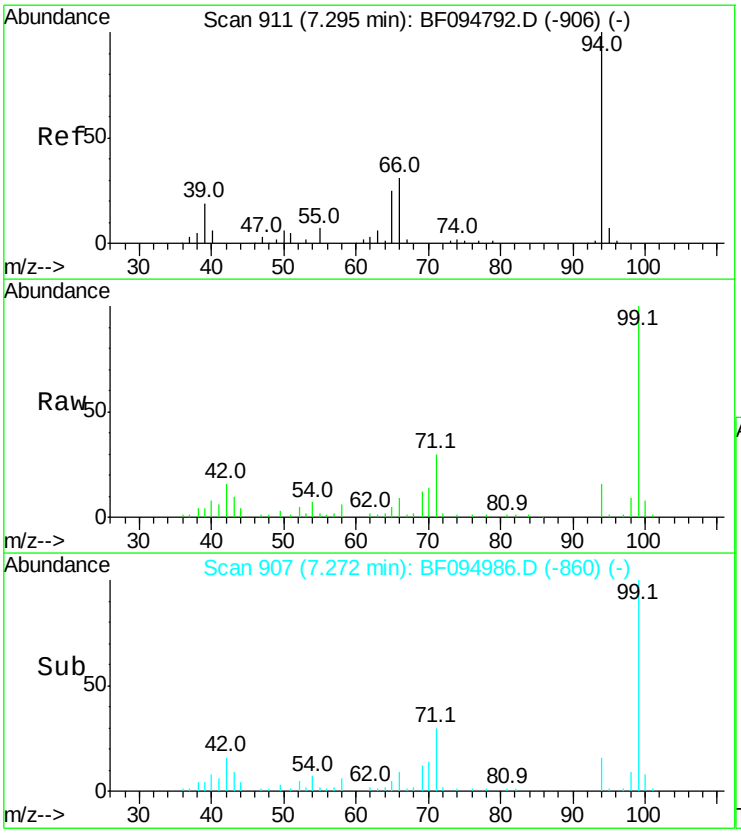
#7
Phenol-d6
Concen: 118.10 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 921327

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.3	24.5	36.7

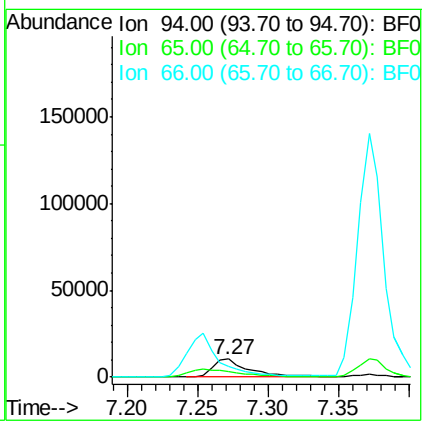


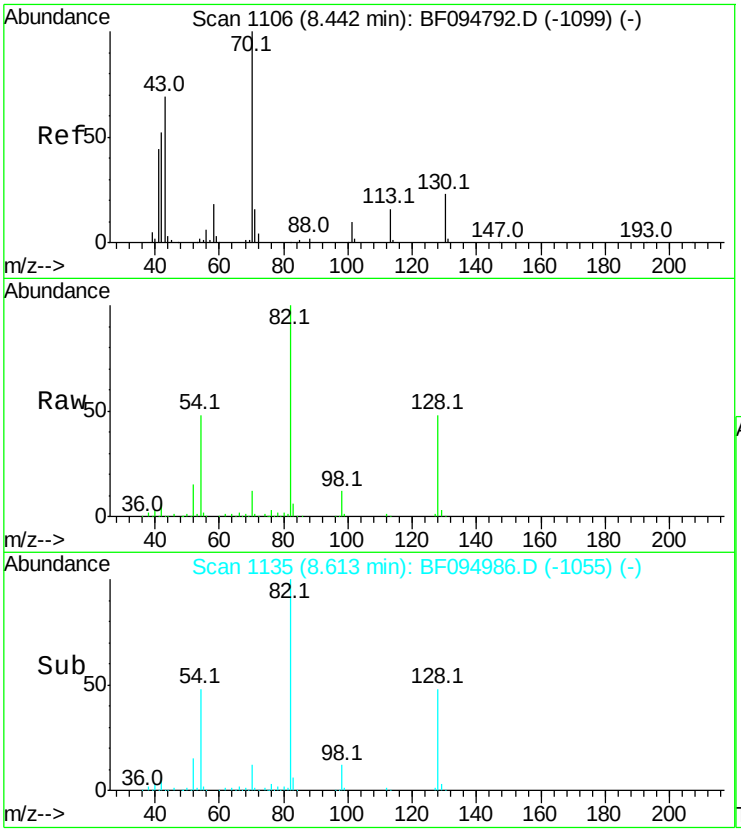


#10
Phenol
Concen: 2.31 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion: 94 Resp: 18982

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	58.9	23.1	63.1



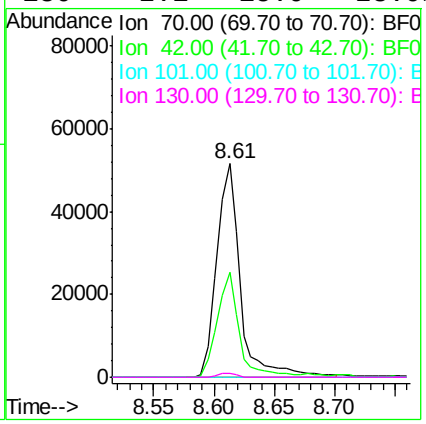


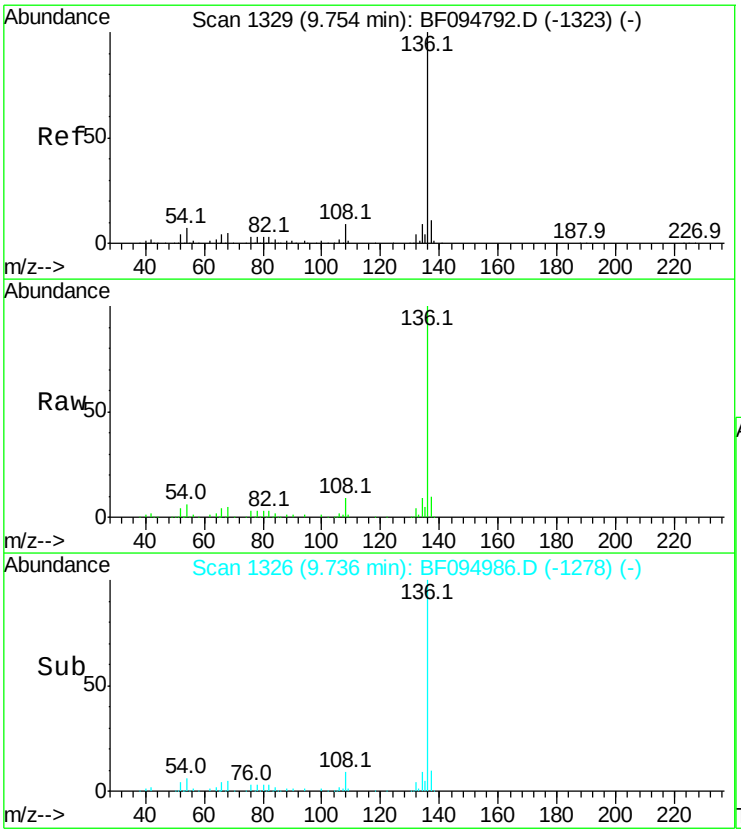
#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 69456

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

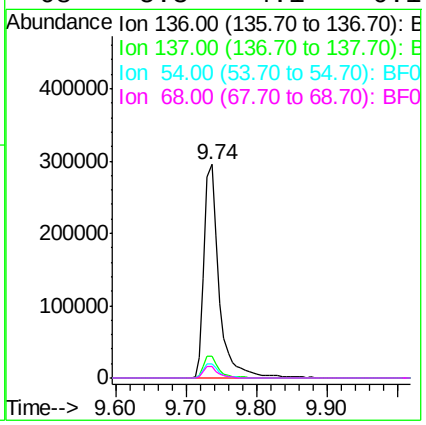


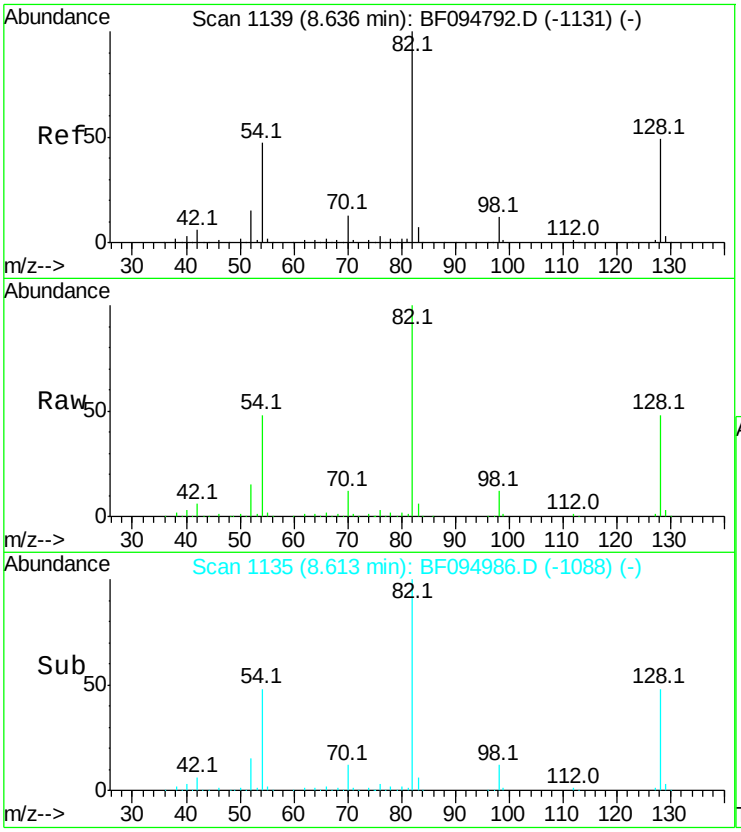


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:136 Resp: 437961

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	6.5	4.9	7.3
68	5.3	4.1	6.1



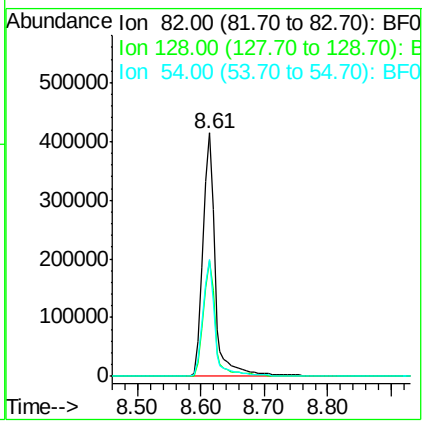


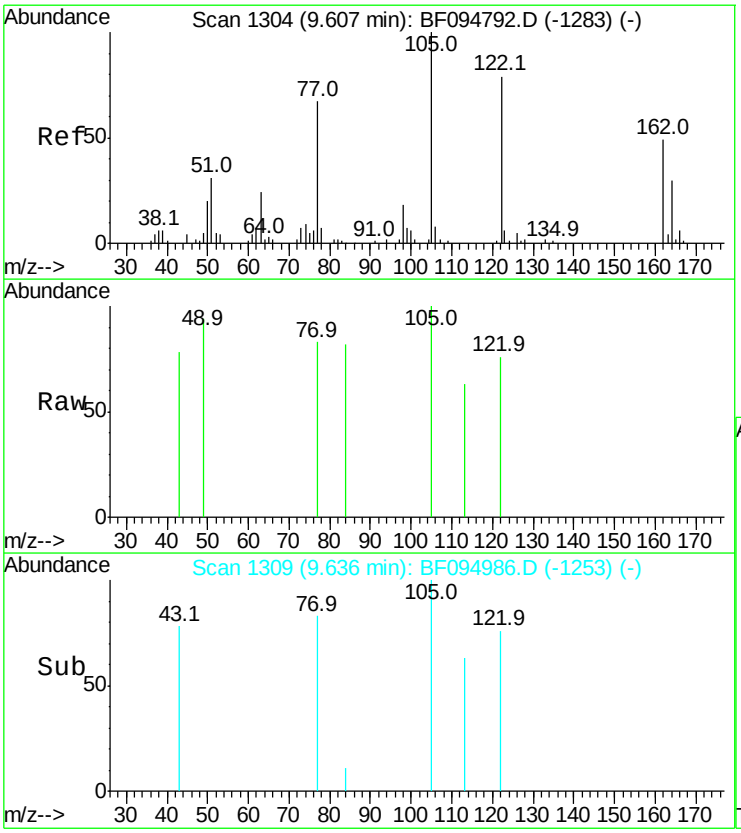
#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 560081

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	48.0	42.2	63.2

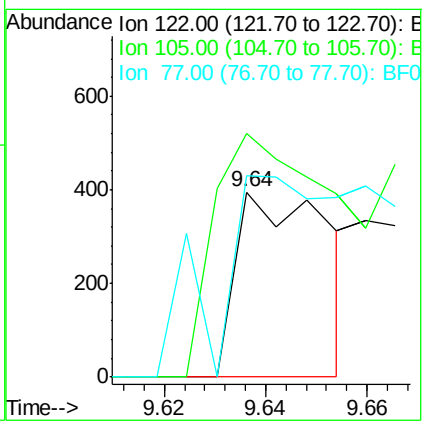


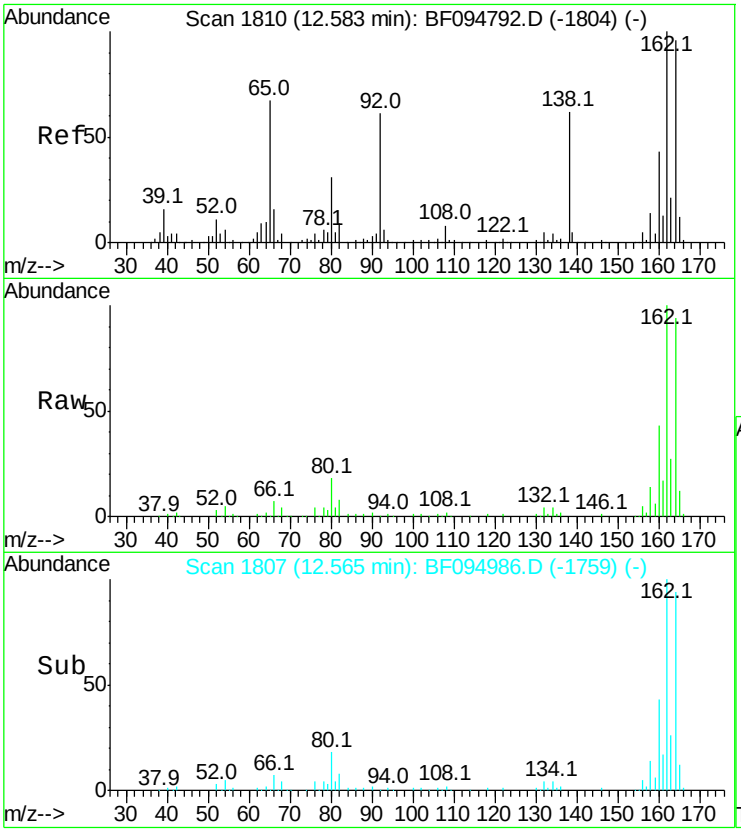


#32
Benzoic acid
Concen: 5.19 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.03 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:122 Resp: 497

Ion	Ratio	Lower	Upper
122	100		
105	131.6	103.3	143.3
77	108.6	73.7	113.7



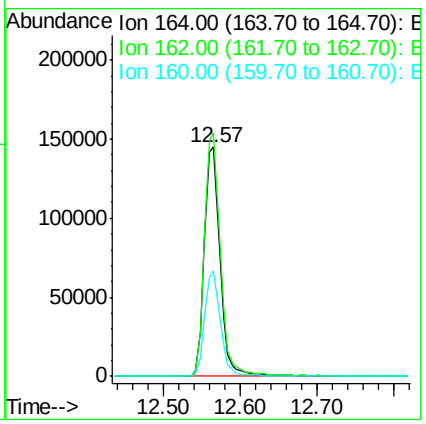


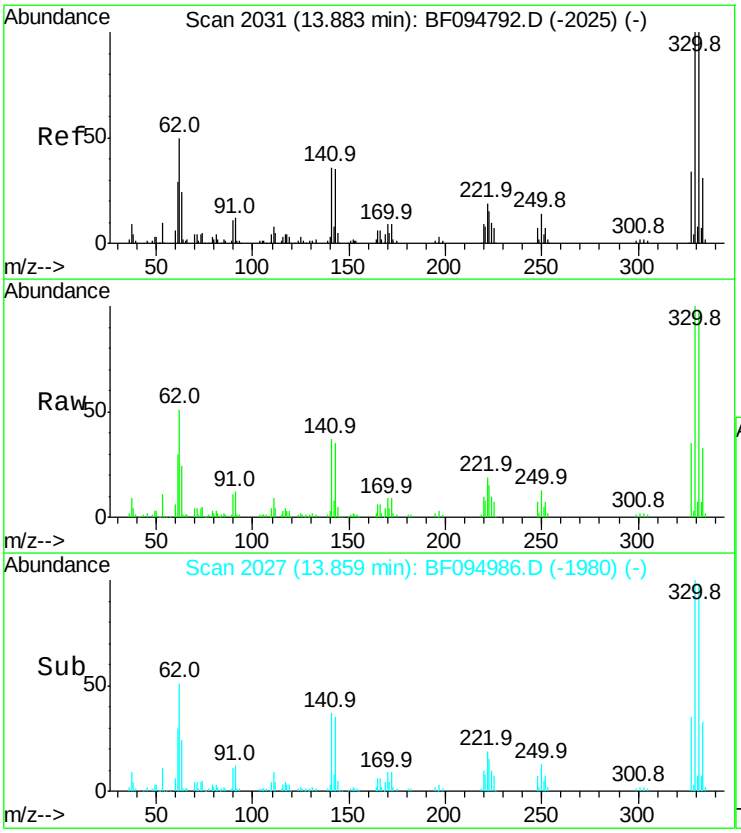
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 205547

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	46.0	36.2	54.2

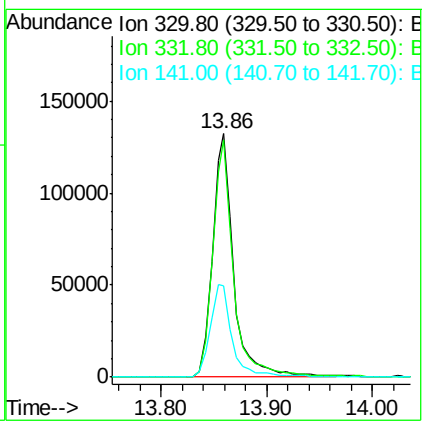


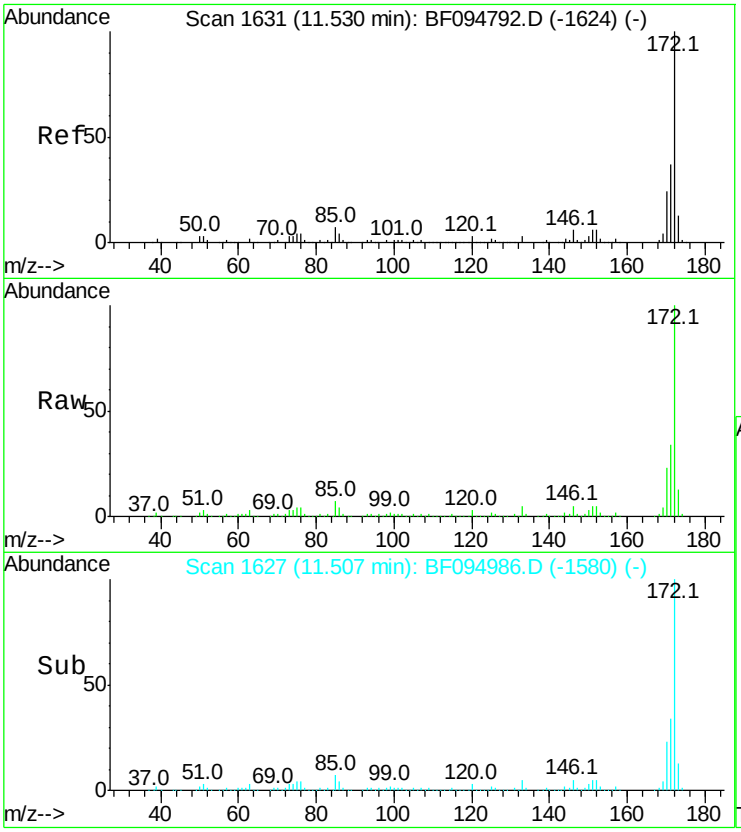


#41
2,4,6-Tribromophenol
Concen: 109.88 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:330 Resp: 184976

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.1	31.4	47.2



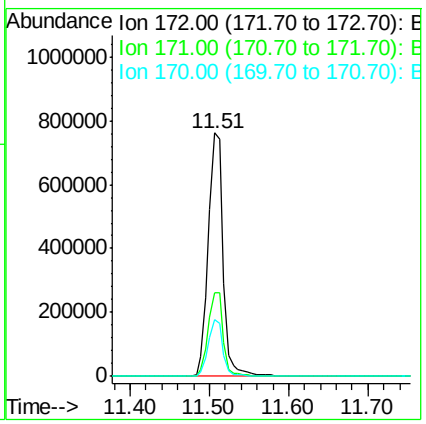


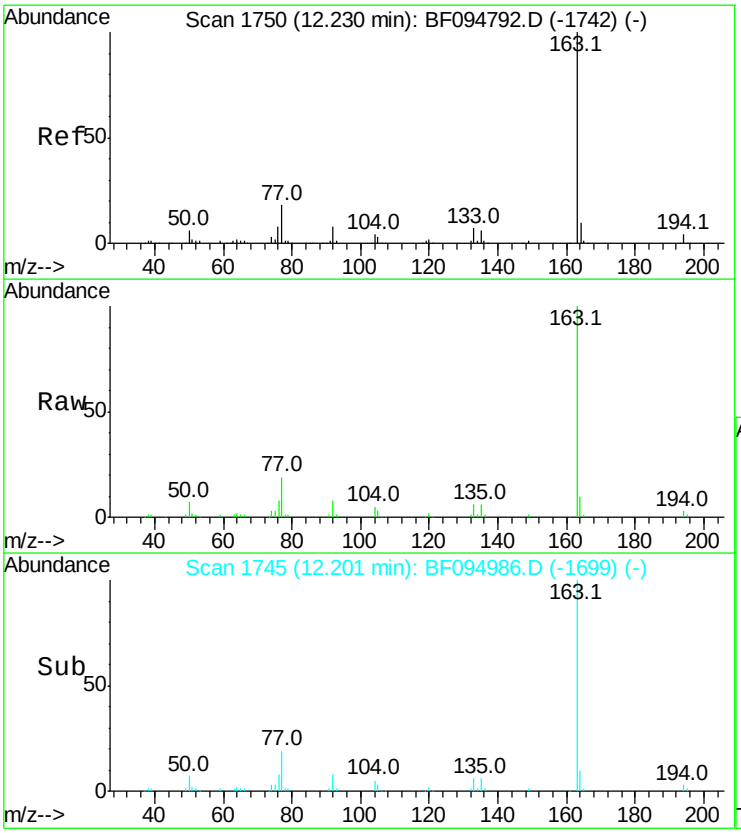
#44
2-Fluorobiphenyl
Concen: 69.90 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 998166

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.2	19.8	29.8

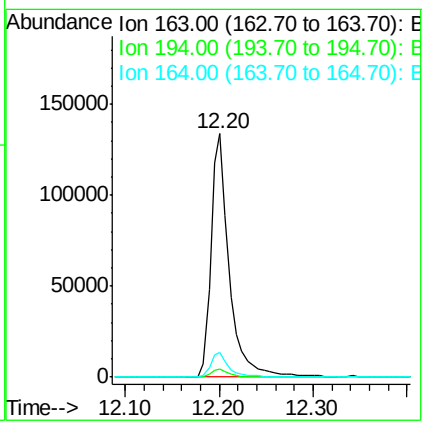


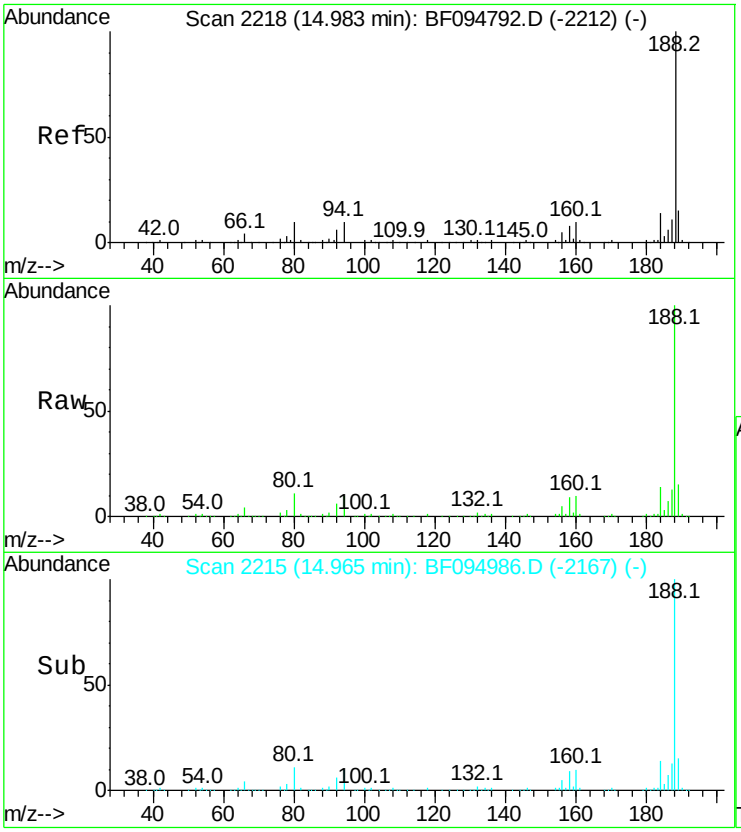


#49
Dimethylphthalate
Concen: 10.81 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:163 Resp: 182384

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6



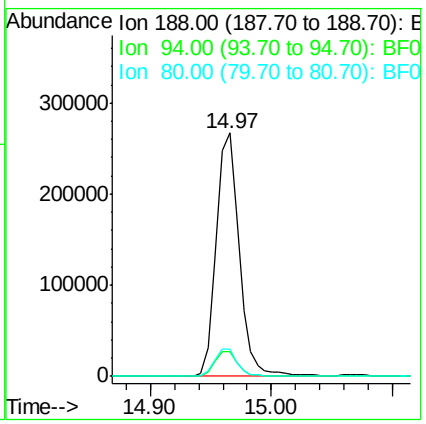


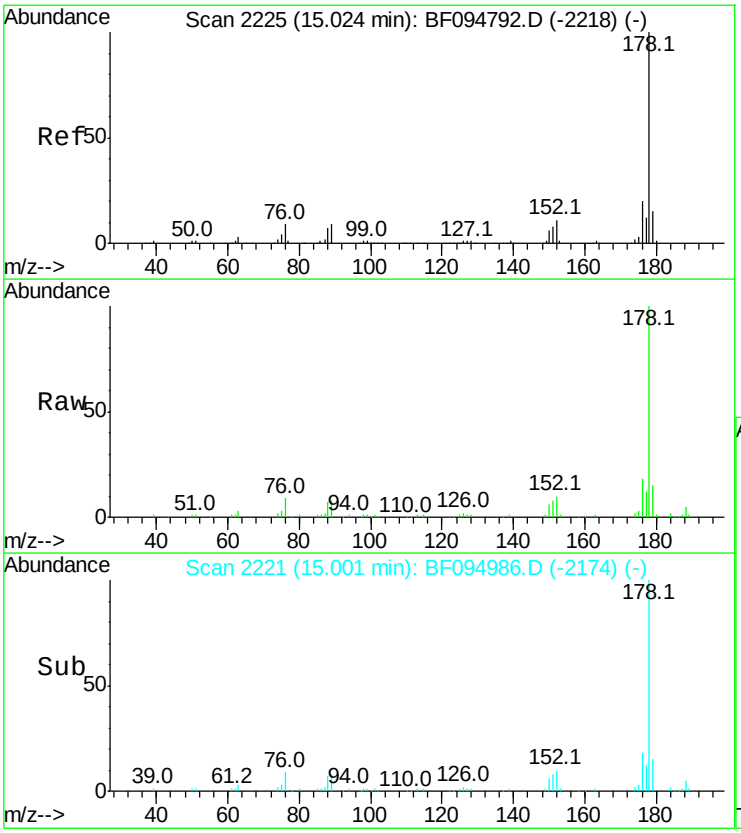
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 351641

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.0	10.2	15.2

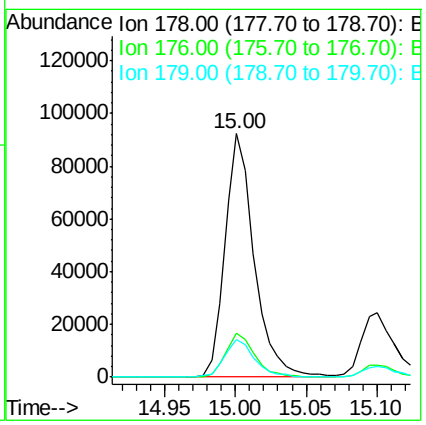


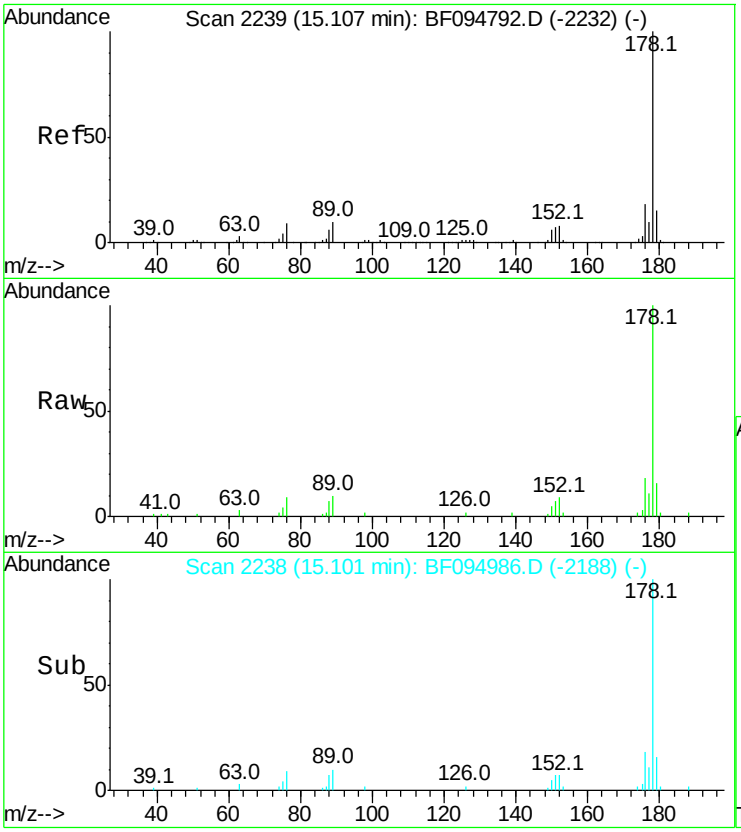


#70
Phenanthrene
Concen: 6.57 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:178 Resp: 132669

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	15.4	12.6	19.0



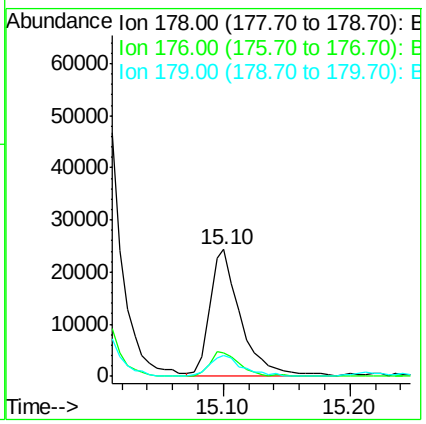


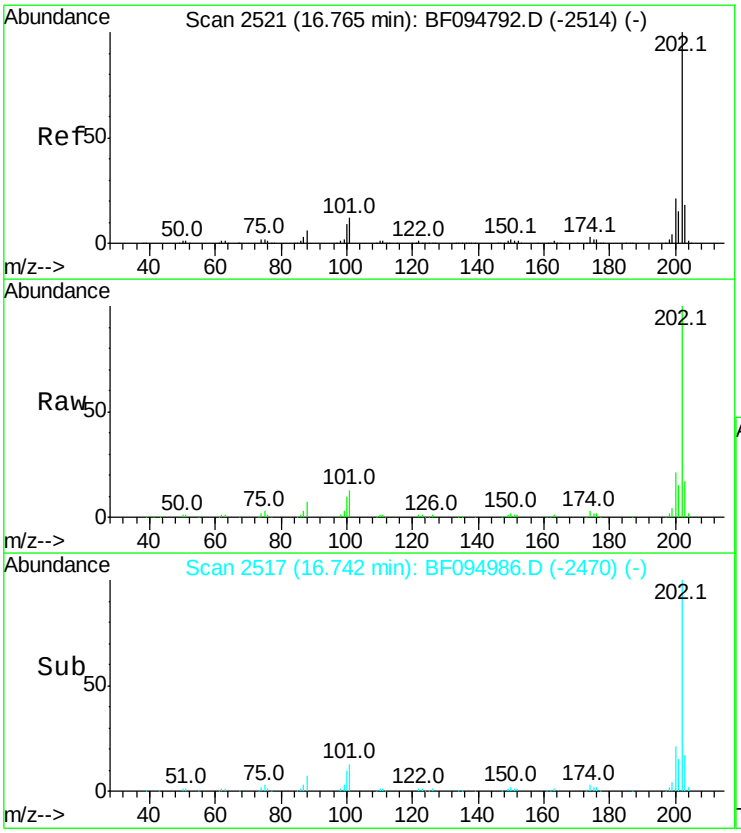
#71
Anthracene
Concen: 2.02 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41773

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.5	12.7	19.1

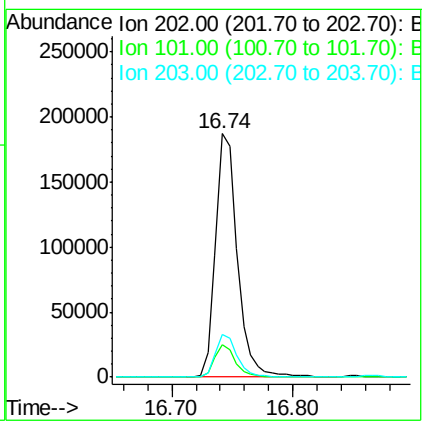


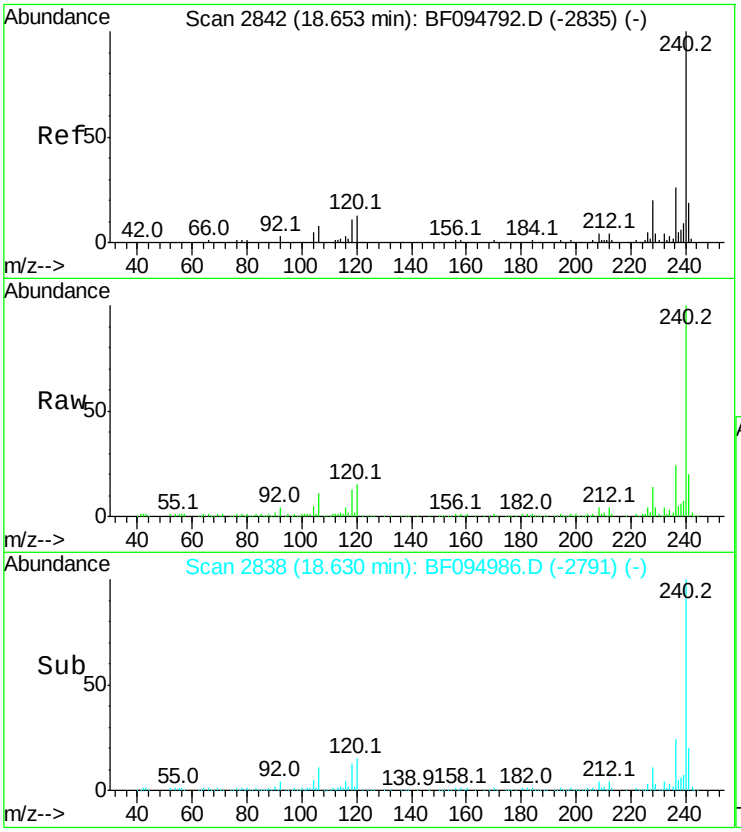


#74
Fluoranthene
Concen: 11.23 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:202 Resp: 232835

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.3	0.0	38.1



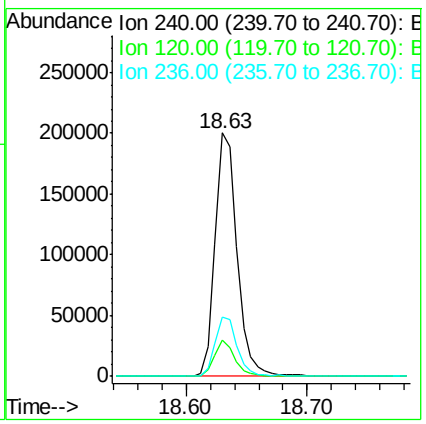


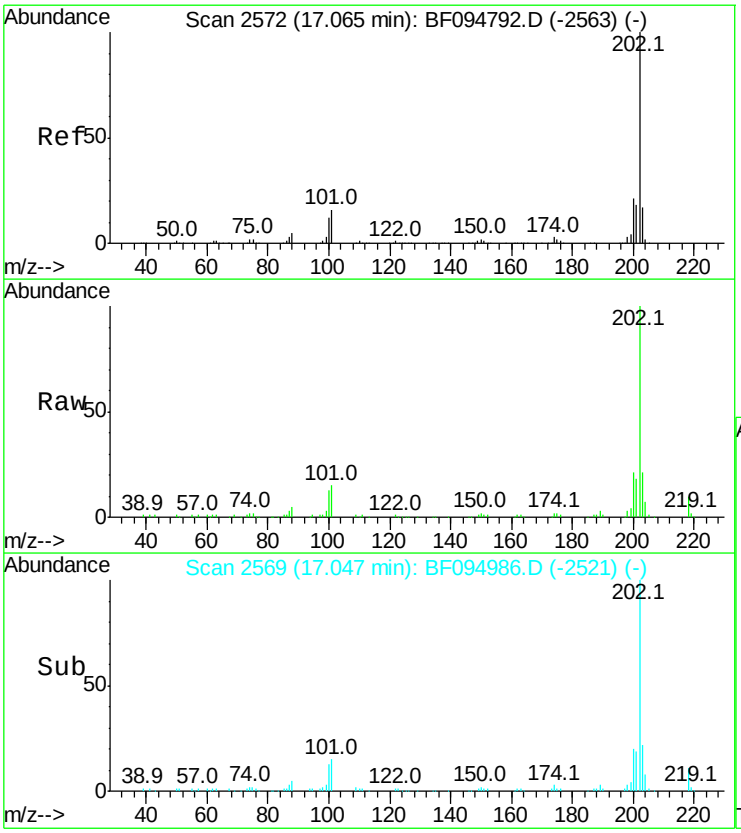
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 250787

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.4	20.5	30.7

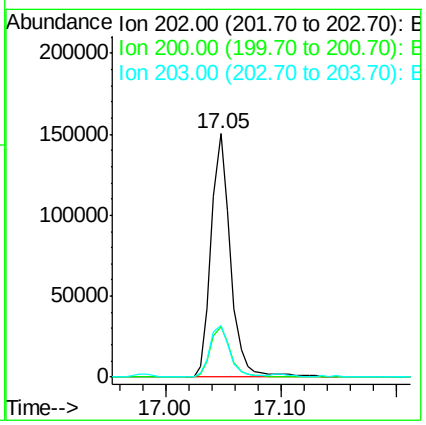


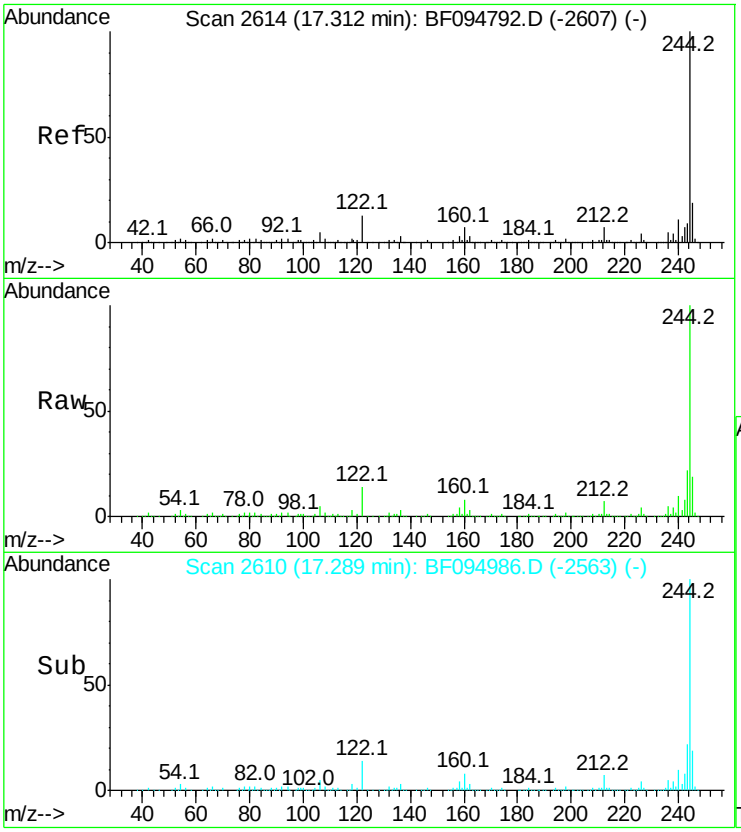


#77
Pyrene
Concen: 9.39 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:202 Resp: 176171

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	21.2	14.4	21.6



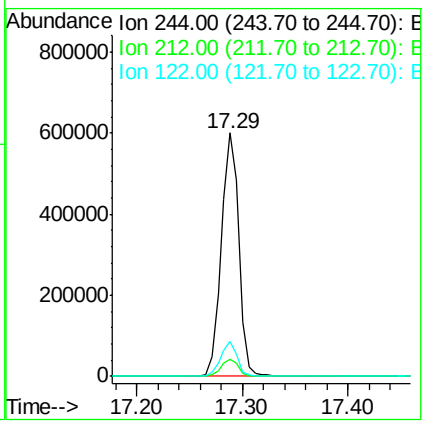


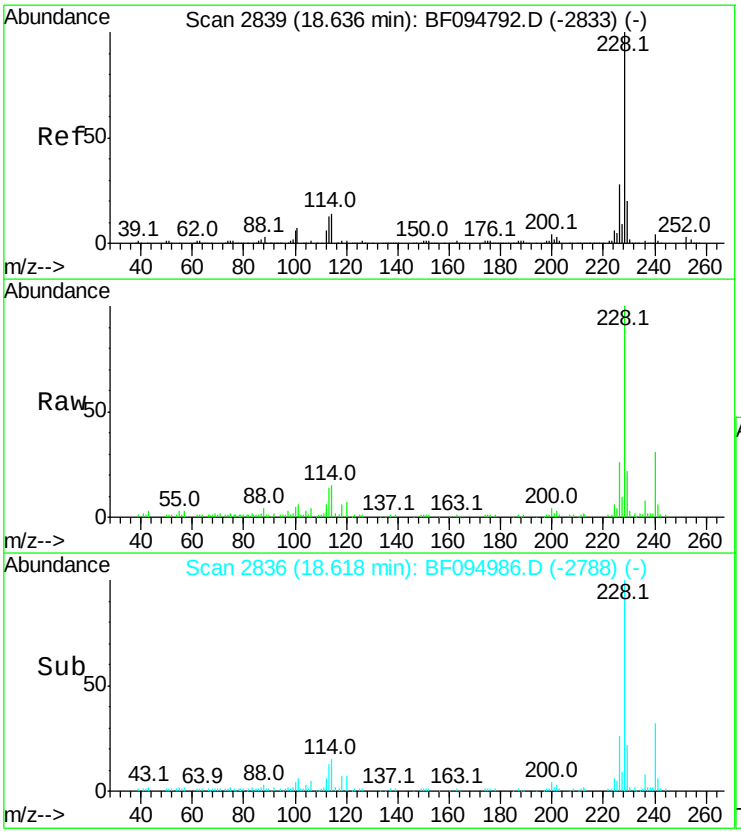
#78
Terphenyl-d14
Concen: 61.02 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 694799

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.2	10.3	15.5

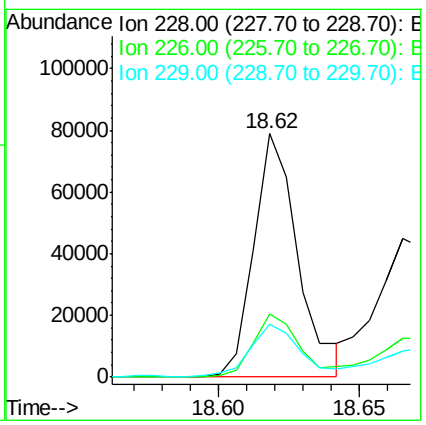


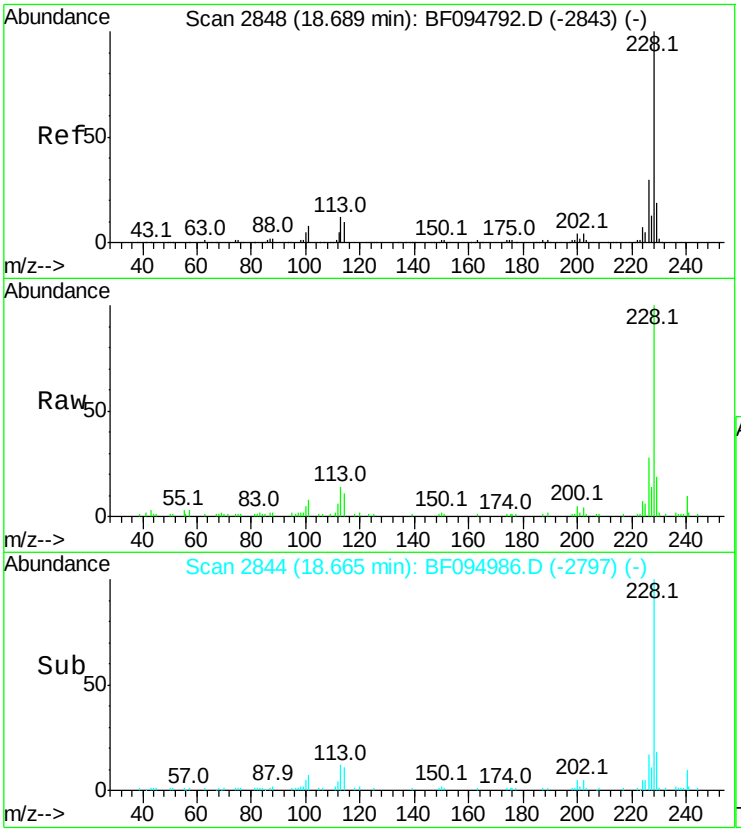


#80
Benzo(a)anthracene
Concen: 5.85 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:228 Resp: 85368

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	21.8	16.3	24.5



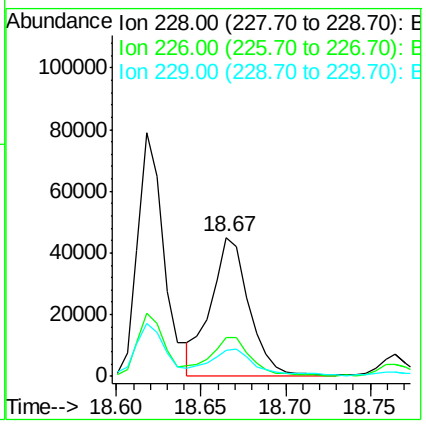


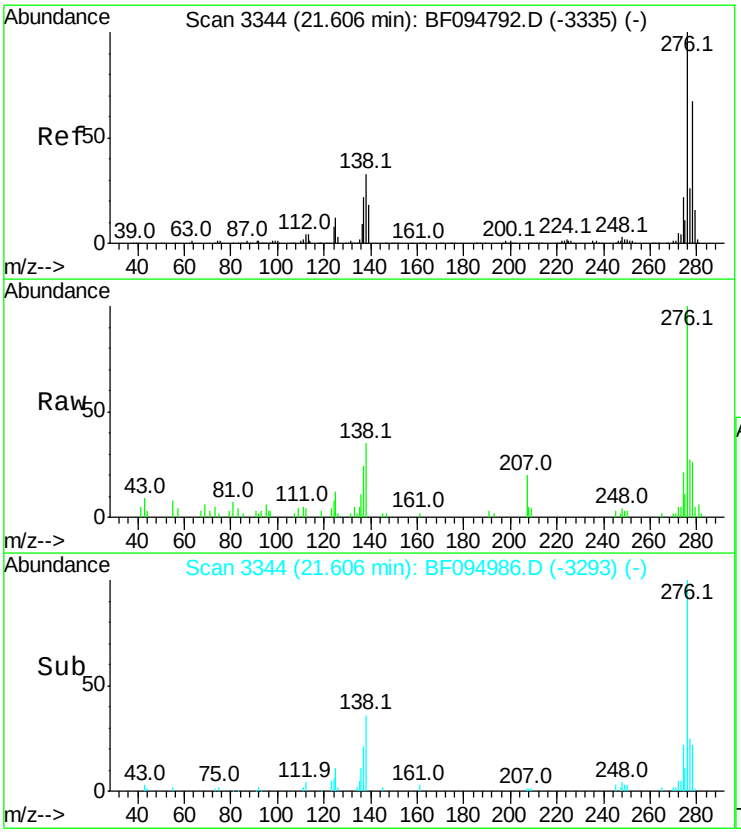
#82
Chrysene
Concen: 5.07 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71527

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	18.9	15.8	23.6

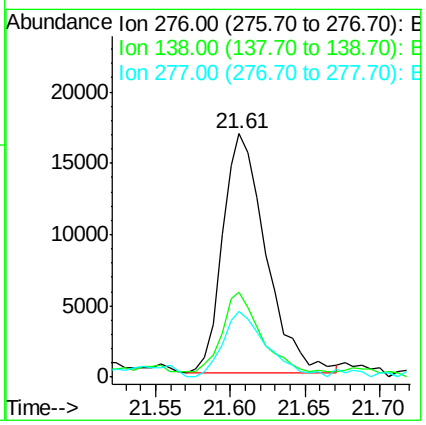


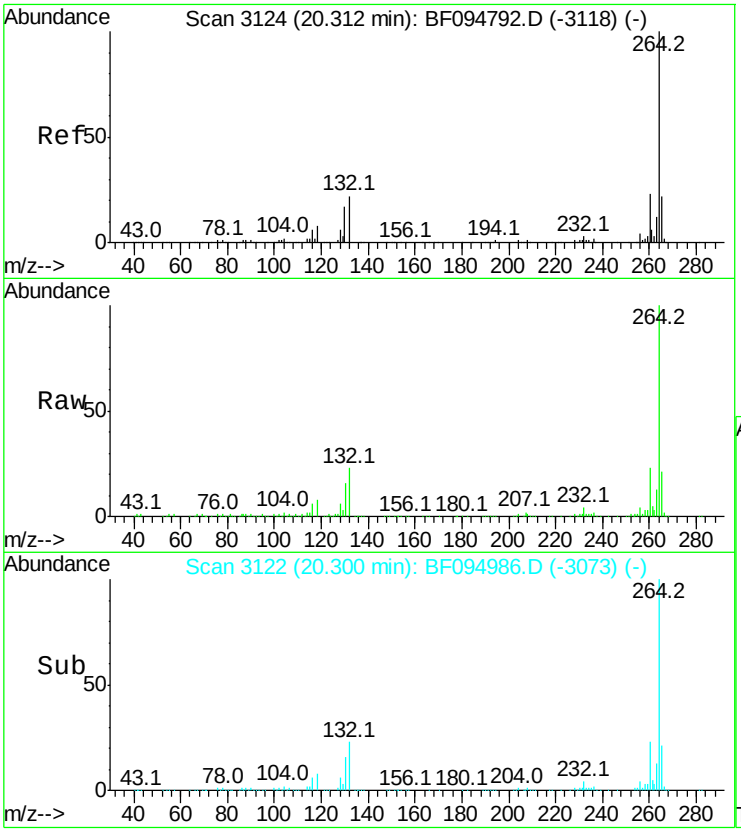


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.96 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:276 Resp: 33880

Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	27.7	20.2	30.4



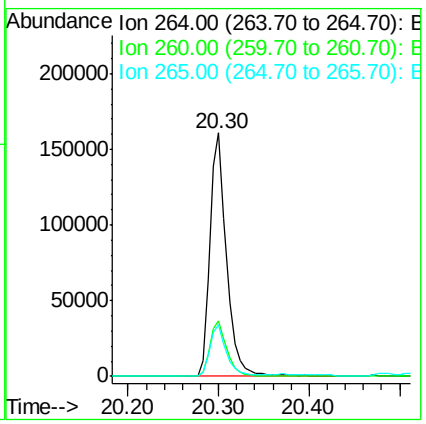


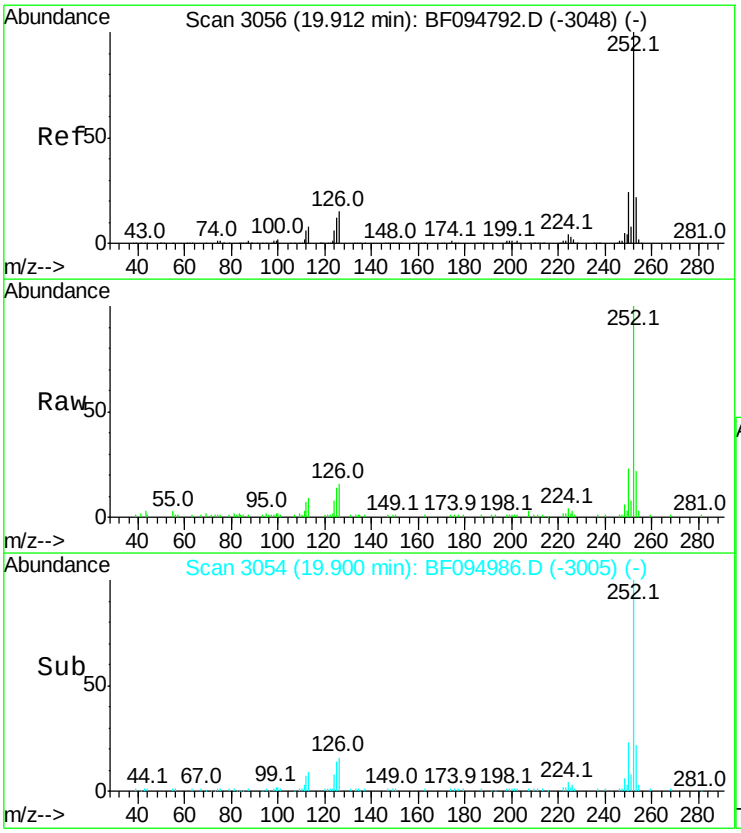
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 205645

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

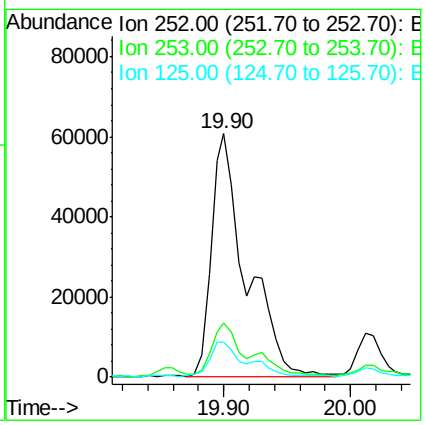


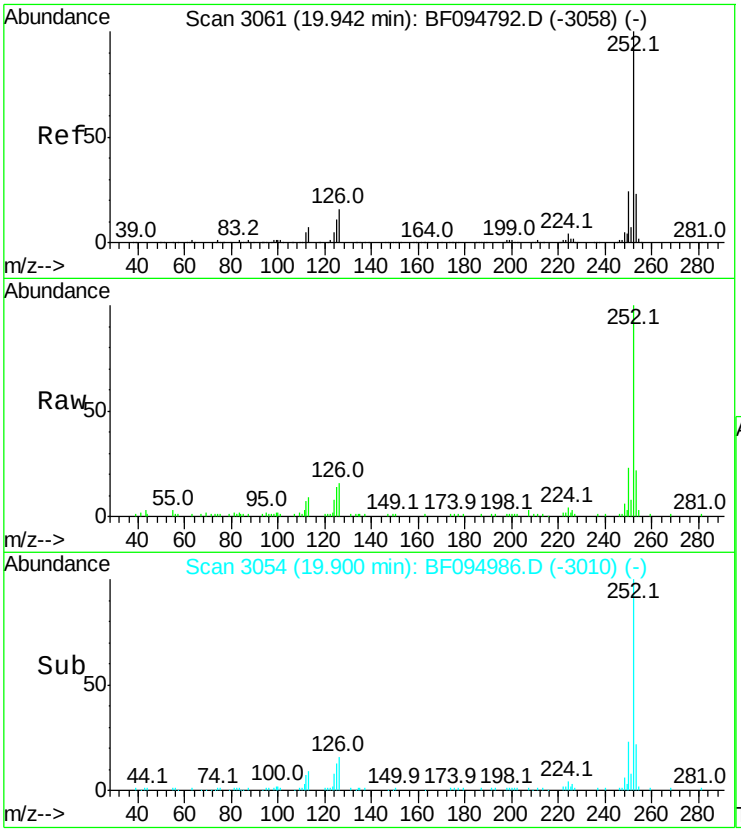


#87
Benzo(b)fluoranthene
Concen: 9.22 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:252 Resp: 117148

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.2	9.8	14.8



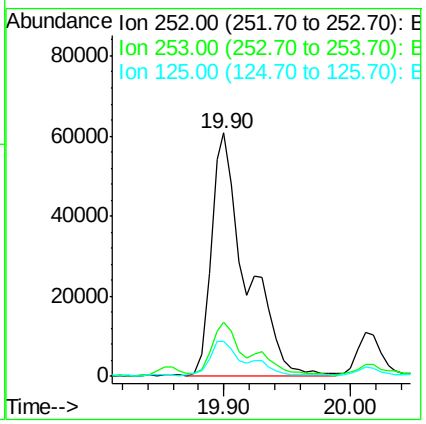


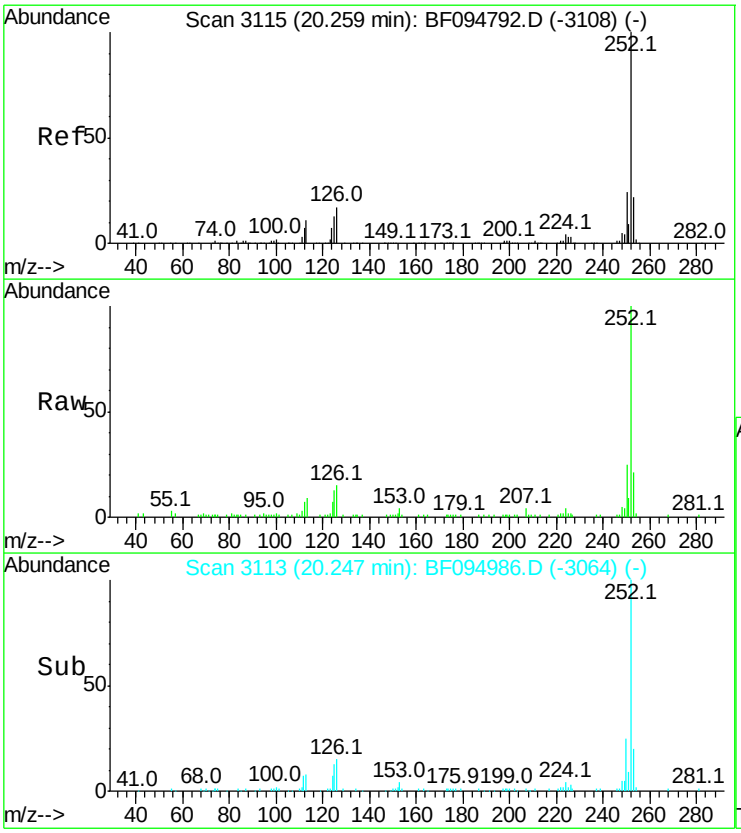
#88
Benzo(k)fluoranthene
Concen: 9.56 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.04 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 117148

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.2	13.1	19.7

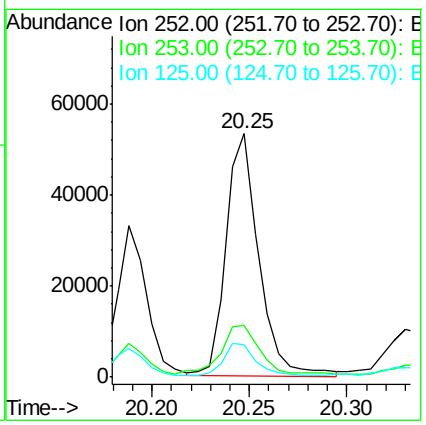


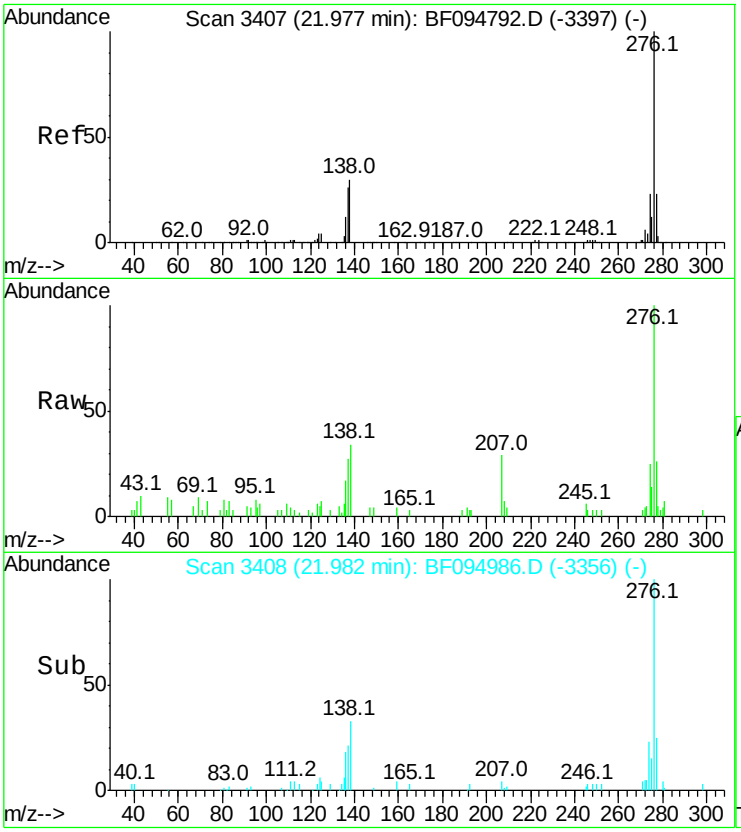


#89
Benzo(a)pyrene
Concen: 5.26 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Tgt Ion:252 Resp: 61724

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	13.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.18 ng
RT: 21.98 min Scan# 3408
Delta R.T. 0.01 min
Lab File: BF094986.D
Acq: 8 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30198

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	34.3	25.4	38.0