Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 01:15:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	96299	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	386119	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	165489	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	238386	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	185938	20.00	ng		-0.02
86) Perylene-d12	20.36	264	147661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	649502	112.45	ng		-0.03
7) Phenol-d6	7.29	99	785519	113.34	ng		-0.02
23) Nitrobenzene-d5	8.65	82	450329	73.54	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	124513	91.87	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	909925	79.14	ng		-0.02
78) Terphenyl-d14	17.32	244	527914	62.54	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.32	94	15828	2.17	ng	#	25
19) n-Nitroso-di-n-propylamine	8.65	70	52691	11.24	ng	#	73
48) Acenaphthylene	12.38	152	51149	2.90	ng		96
49) Dimethylphthalate	12.24	163	140642	10.35	ng		98
70) Phenanthrene	15.04	178	359813	26.27	ng		96
71) Anthracene	15.13	178	78205	5.59	ng		94
72) Carbazole	15.42	167	29367	2.31	ng		98
74) Fluoranthene	16.78	202	519920	37.00	ng		98
76) Benzidine	17.05	184	118	6.61	ng	#	1
77) Pyrene	17.09	202	531200	38.20	ng		97
80) Benzo(a)anthracene	18.66	228	231825	21.42	ng		95
82) Chrysene	18.71	228	252903	24.17	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	79011	8.57	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	92721	10.91	ng		95
87) Benzo(b)fluoranthene	19.95	252	342496	37.54	ng	#	97
88) Benzo(k)fluoranthene	19.95	252	342496	38.91	ng		99
89) Benzo(a)pyrene	20.30	252	176503	20.96	ng		97
90) Dibenzo(a,h)anthracene	21.69	278	21752	3.13	ng	#	87
91) Benzo(g,h,i)perylene	22.08	276	97418	14.28	ng		97

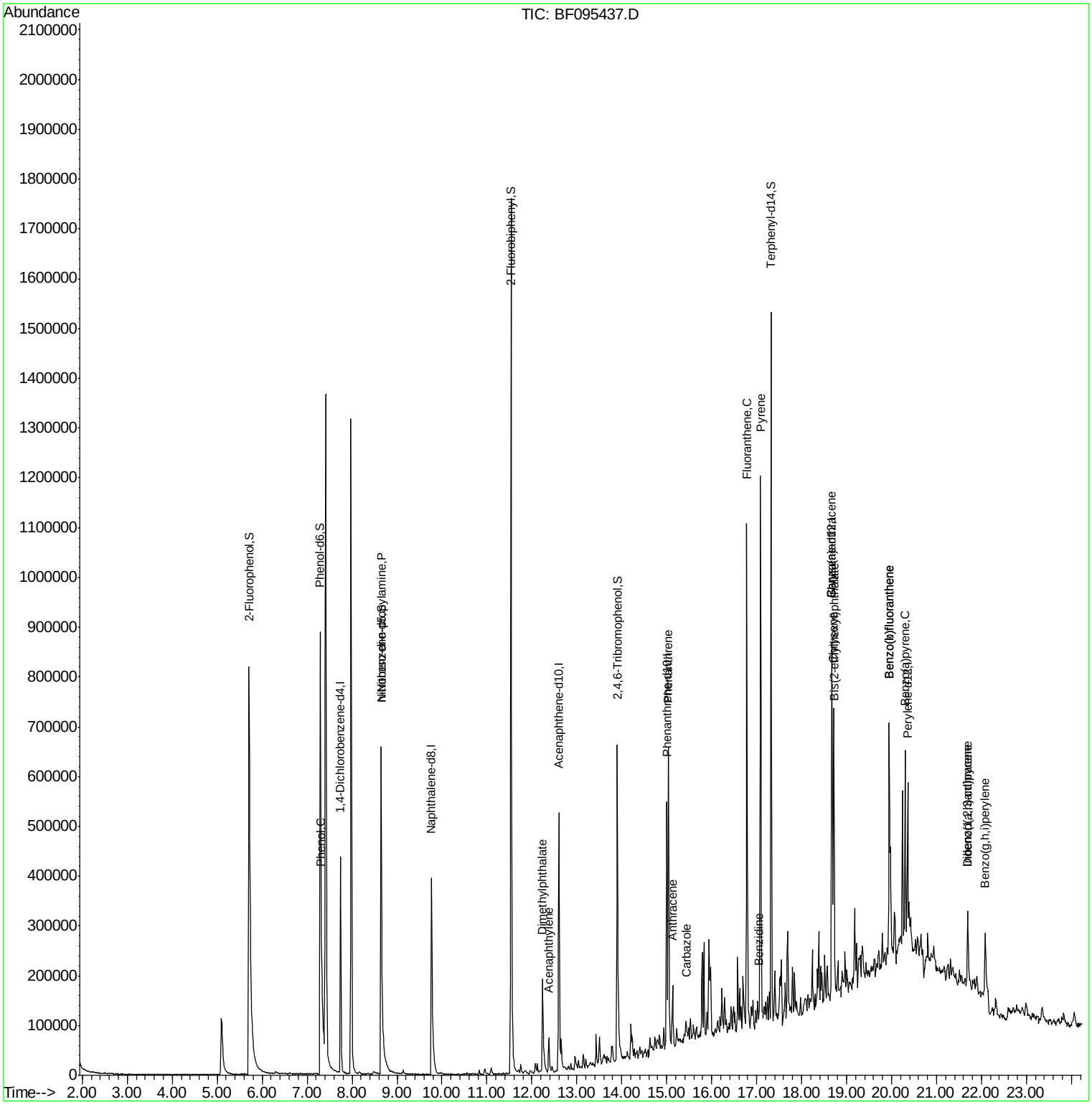
(#) = qualifier out of range (m) = manual integration (+) = signals summed

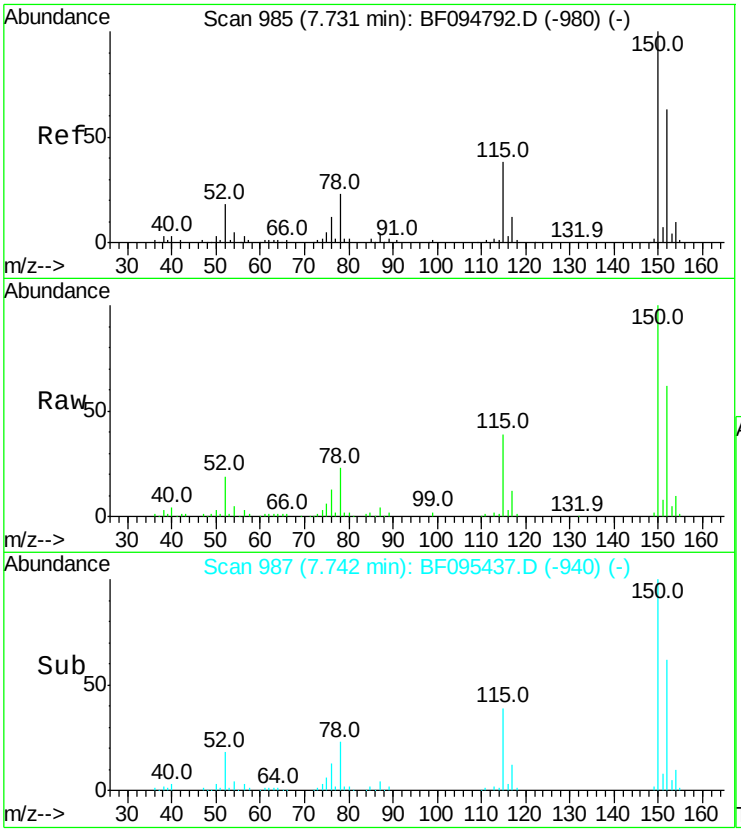
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 26 01:15:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



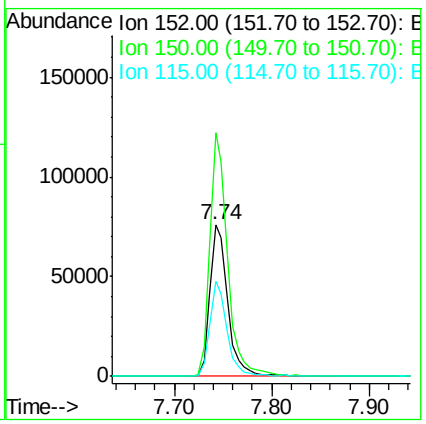


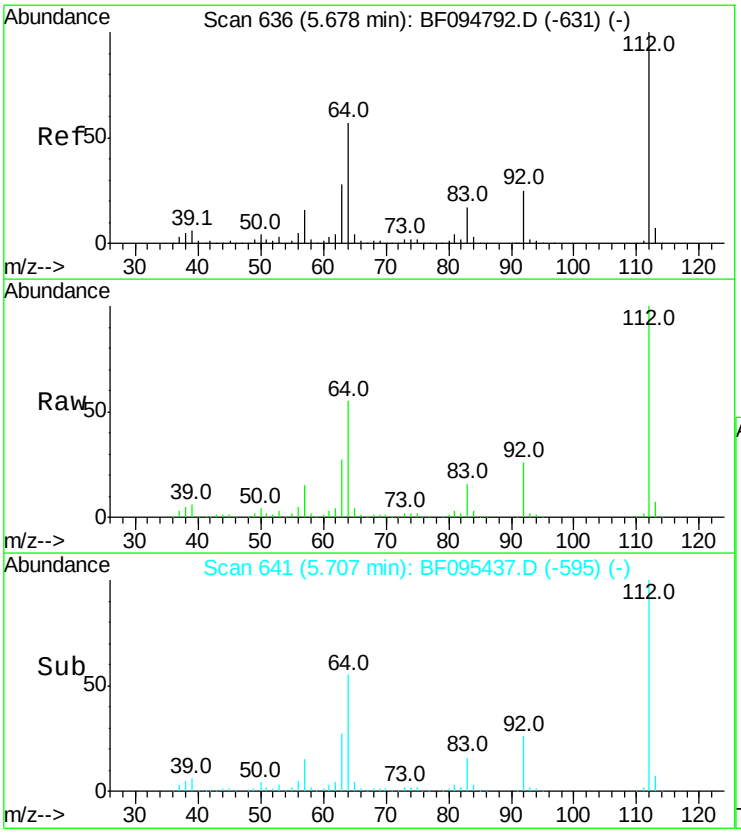
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96299

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	62.3	52.2	78.2

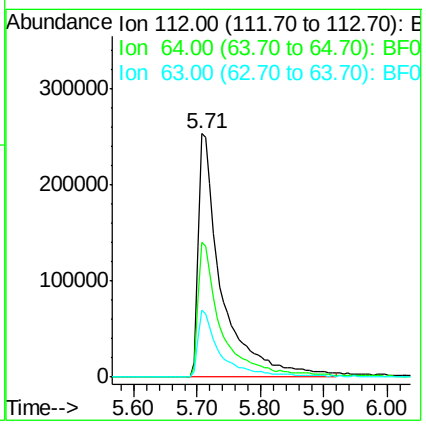


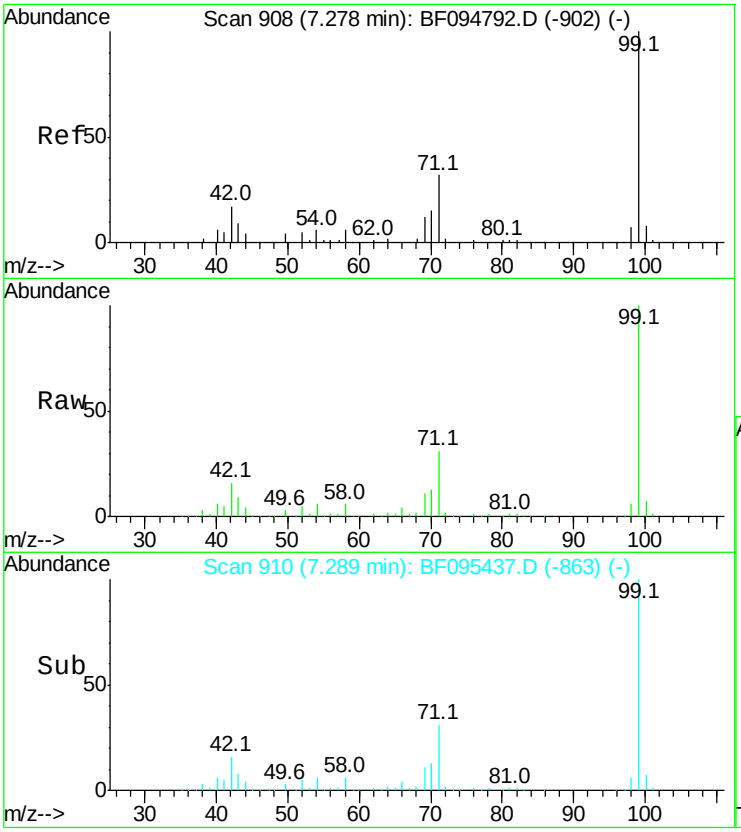


#5
2-Fluorophenol
Concen: 112.45 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:112 Resp: 649502

Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.4	23.4	35.0



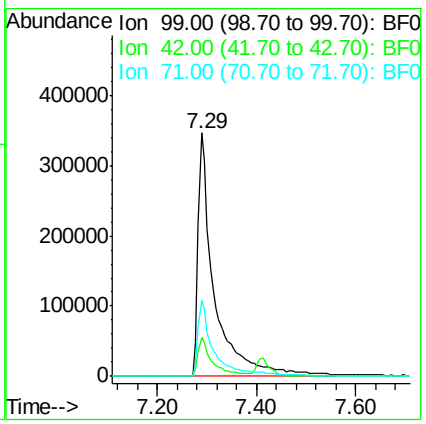


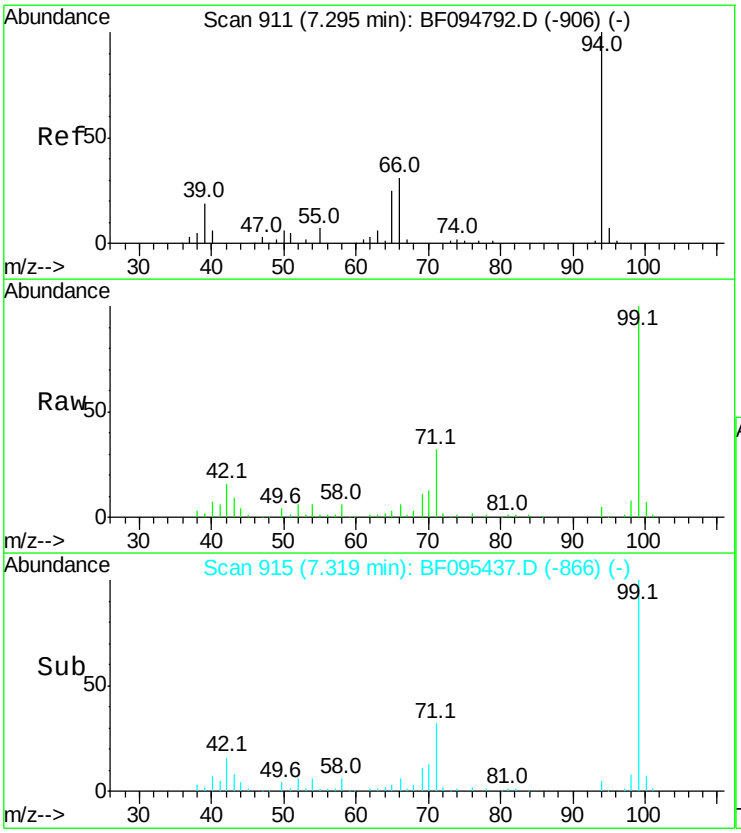
#7
Phenol-d6
Concen: 113.34 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 785519

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.2	24.5	36.7

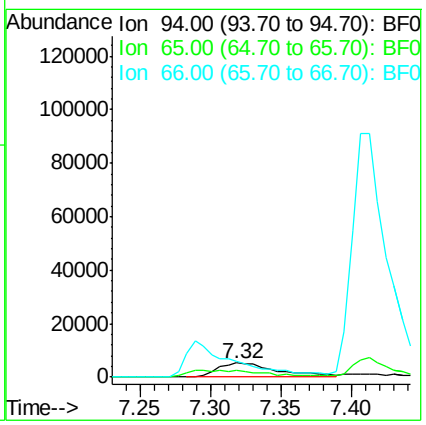


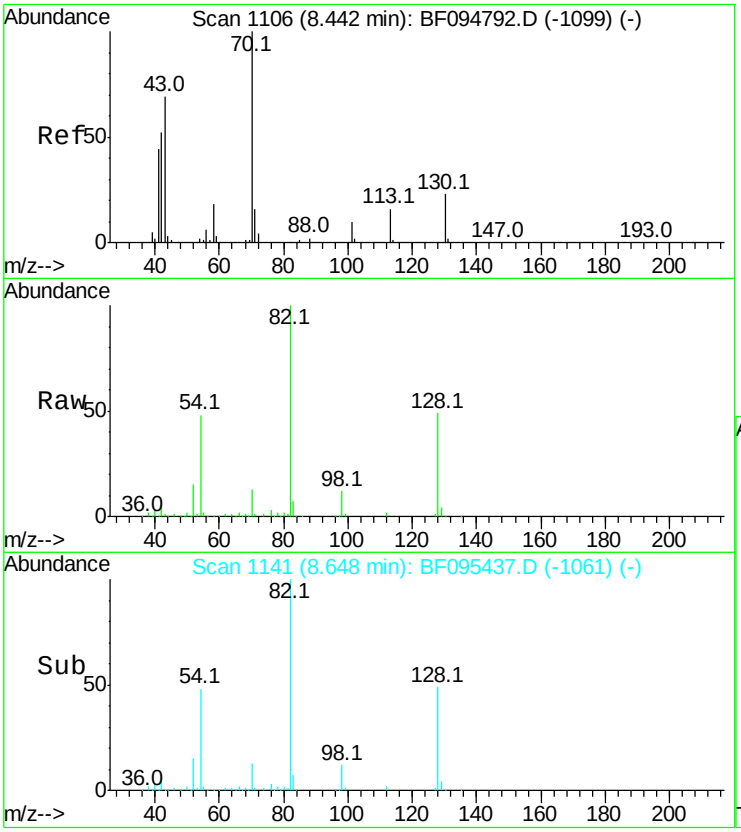


#10
Phenol
Concen: 2.17 ng
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion: 94 Resp: 15828

Ion	Ratio	Lower	Upper
94	100		
65	46.0	9.9	49.9
66	111.7	23.1	63.1#



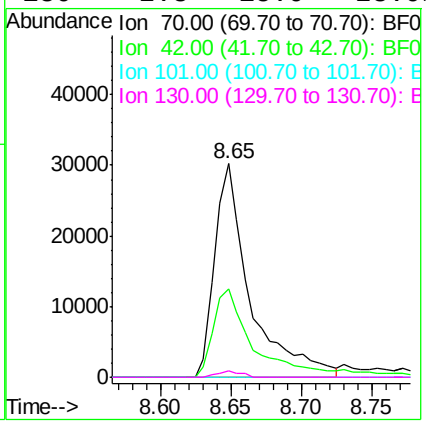


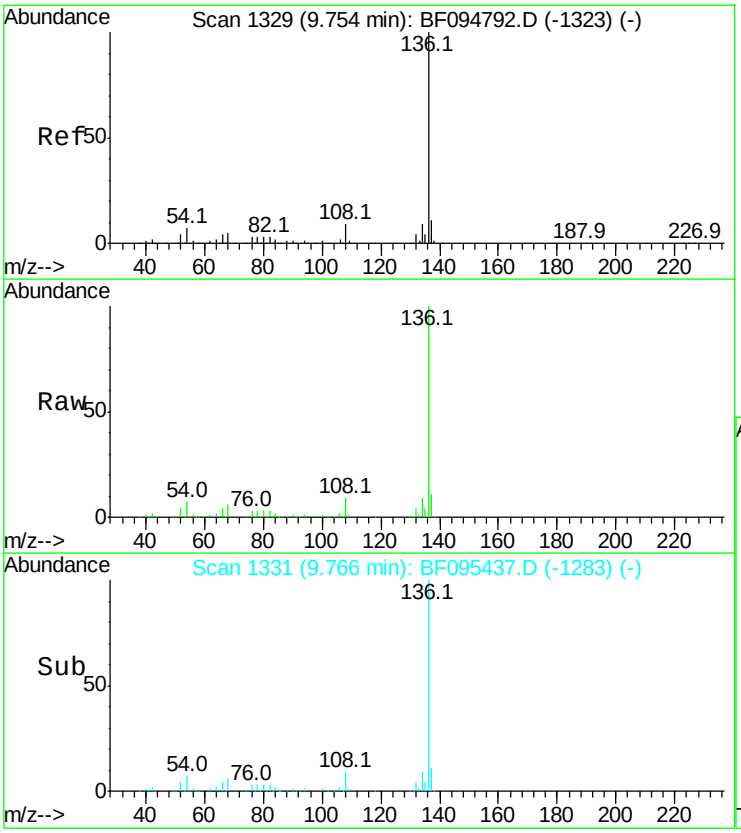
#19
n-Nitroso-di-n-propylamine
Concen: 11.24 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.17 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52691

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

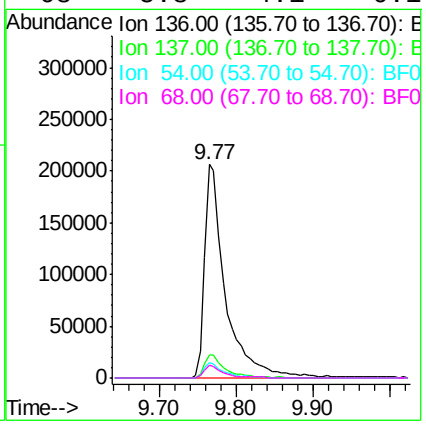


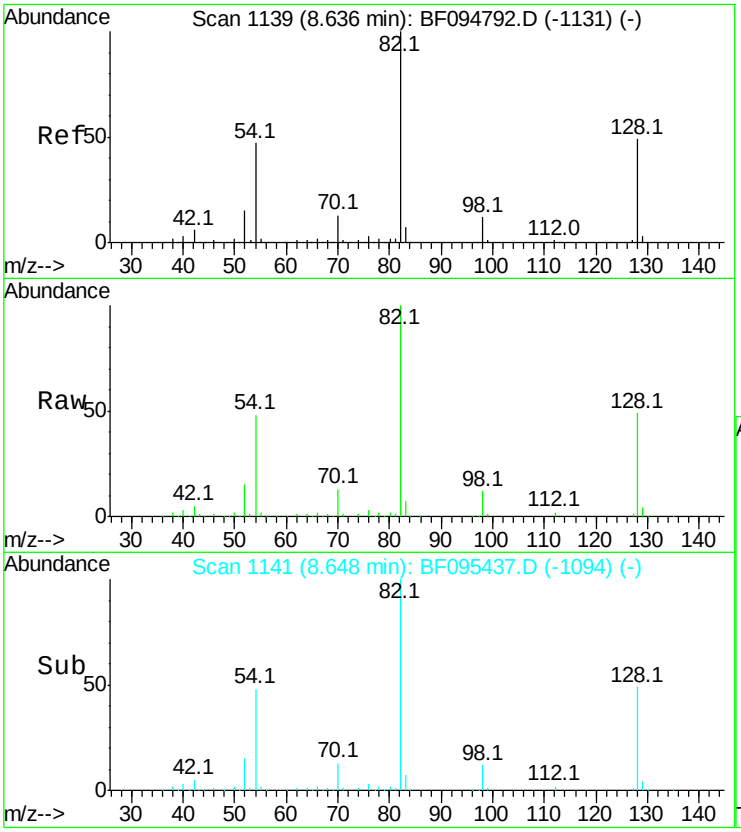


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:136 Resp: 386119

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	5.8	4.1	6.1



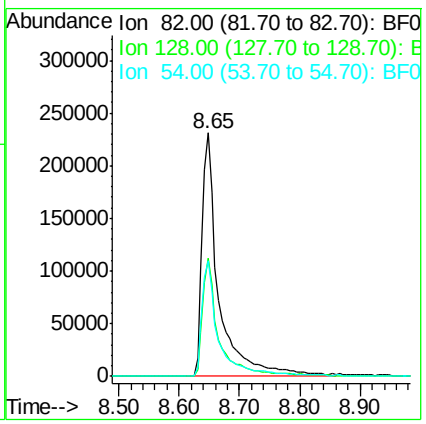


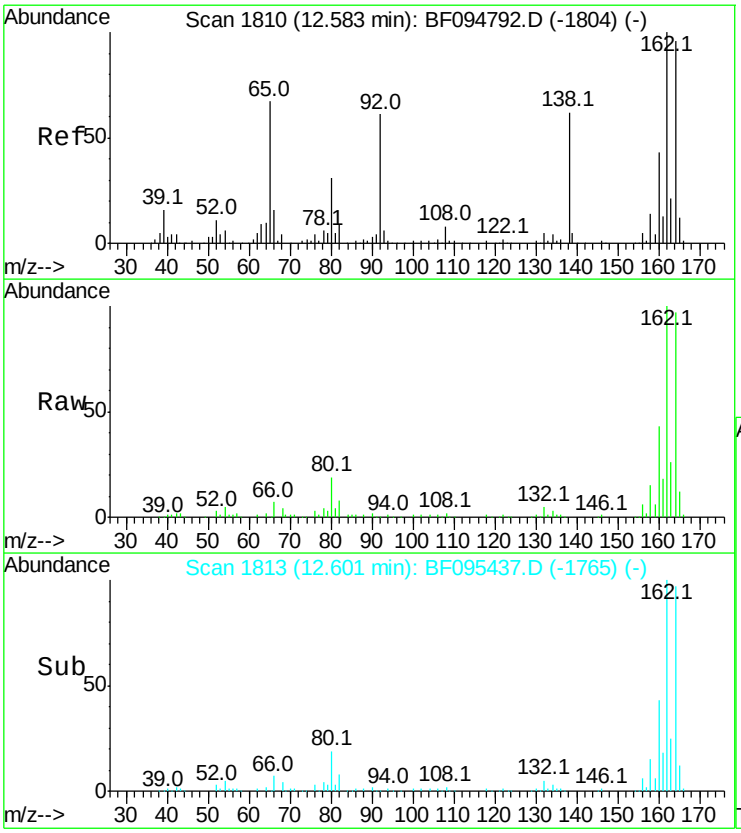
#23
Nitrobenzene-d5
Concen: 73.54 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 450329

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	47.6	42.2	63.2

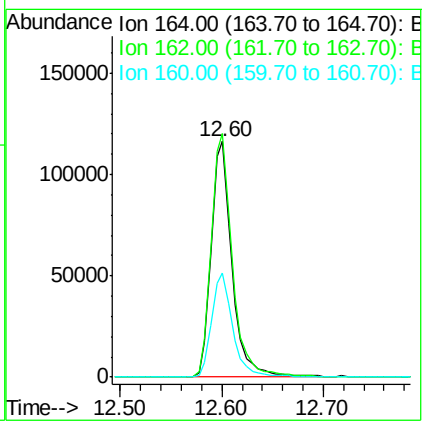


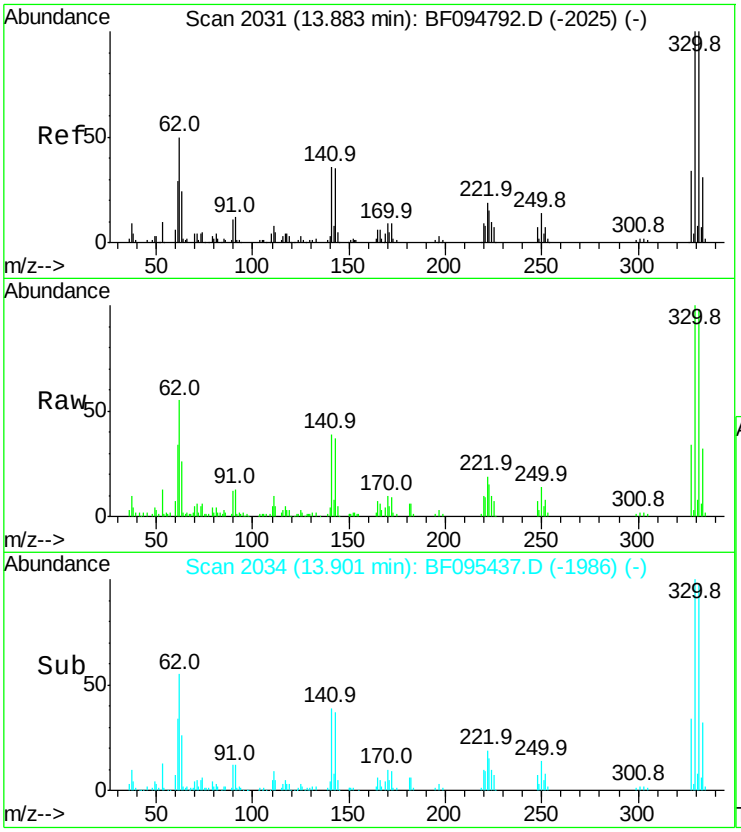


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:164 Resp: 165489

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.3	36.2	54.2



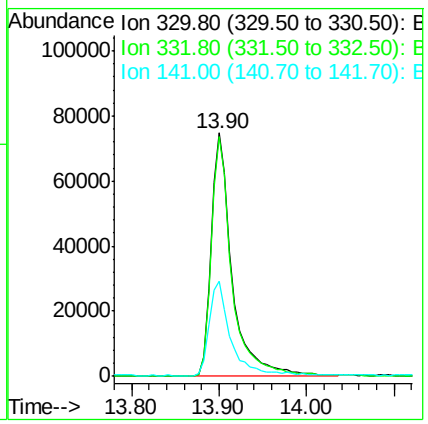


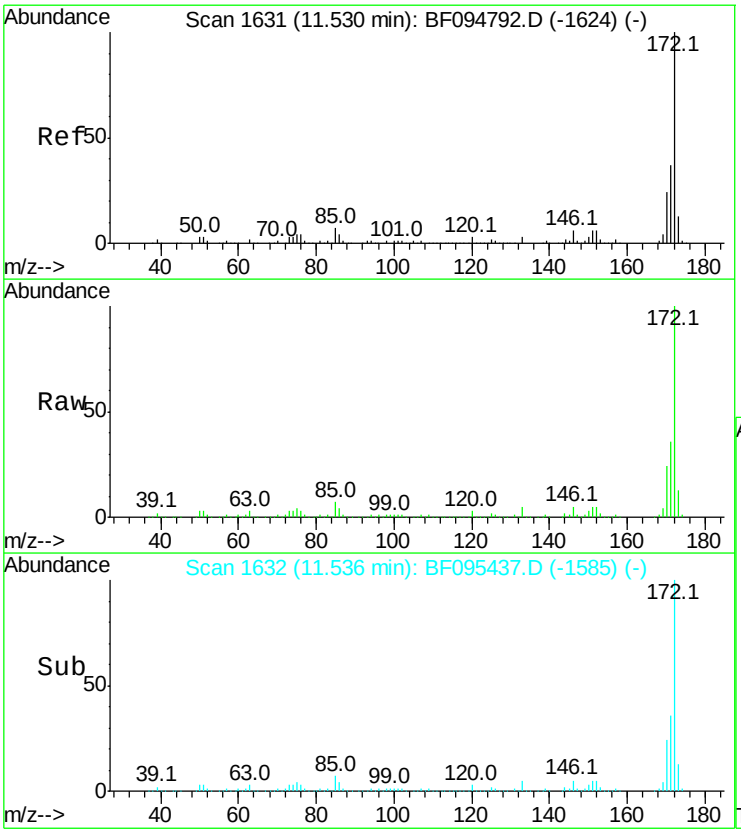
#41
2,4,6-Tribromophenol
Concen: 91.87 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 124513

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	41.1	31.4	47.2

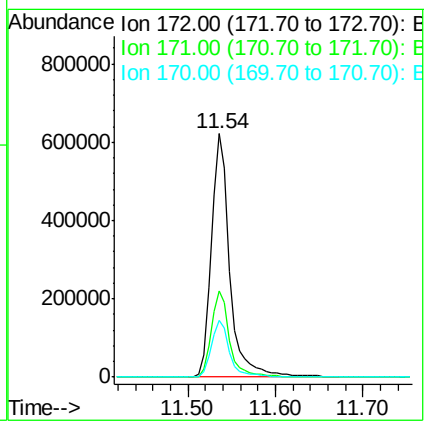


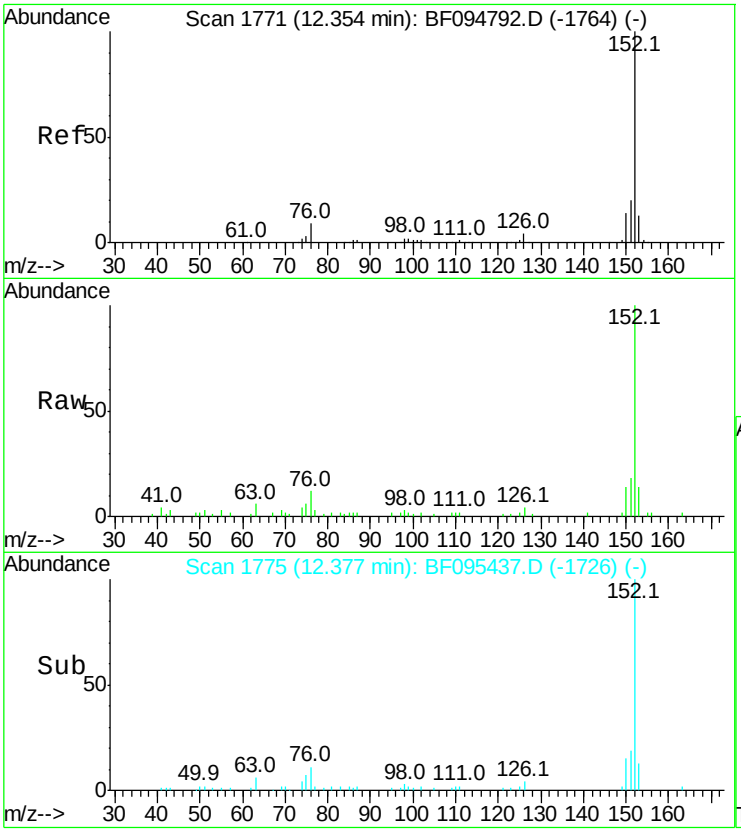


#44
2-Fluorobiphenyl
Concen: 79.14 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:172 Resp: 909925

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.5	19.8	29.8



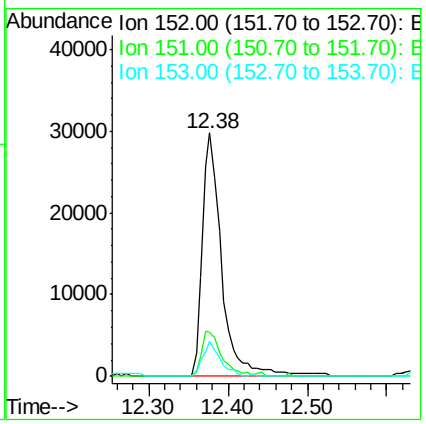


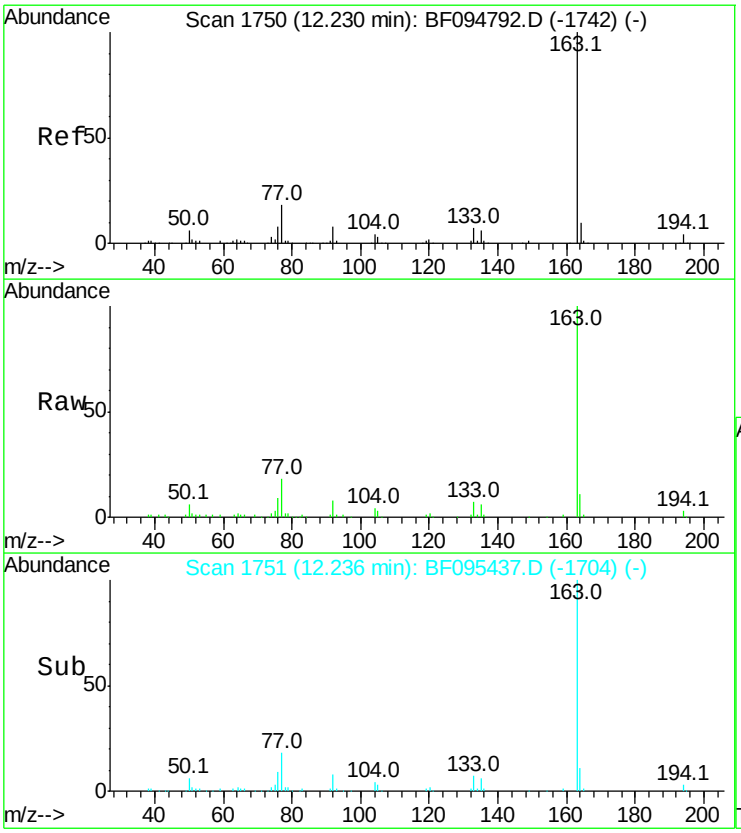
#48
Acenaphthylene
Concen: 2.90 ng
RT: 12.38 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51149

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.8	25.2
153	14.4	10.8	16.2

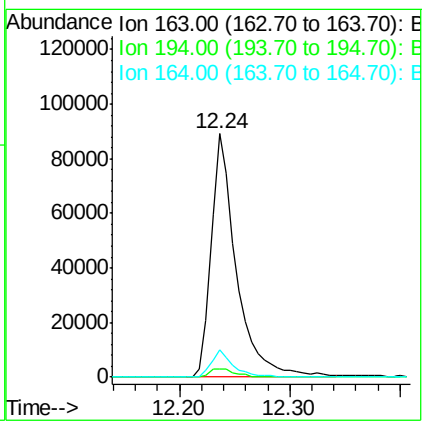


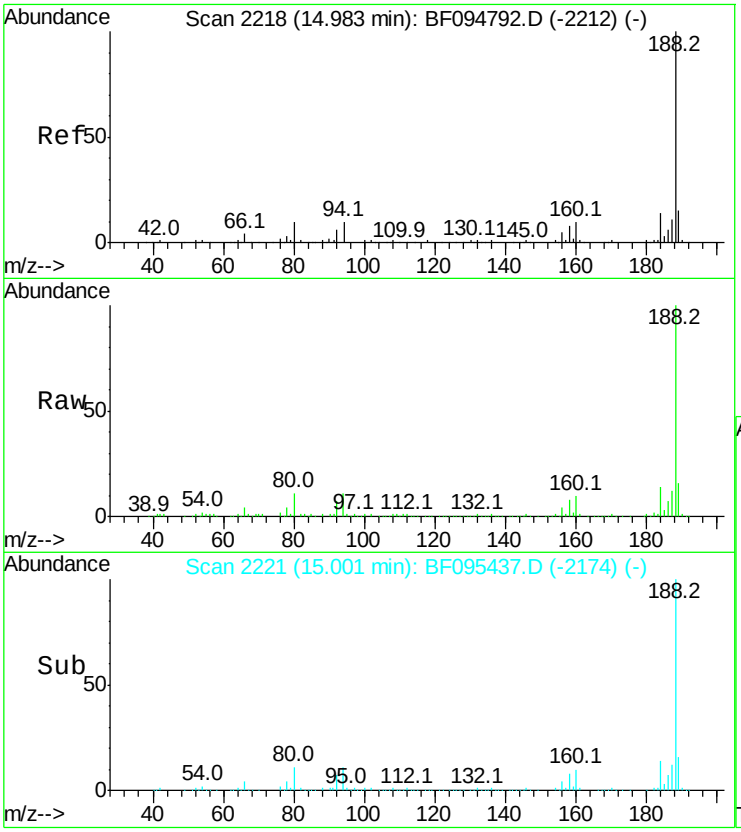


#49
Dimethylphthalate
Concen: 10.35 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:163 Resp: 140642

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.3	8.4	12.6



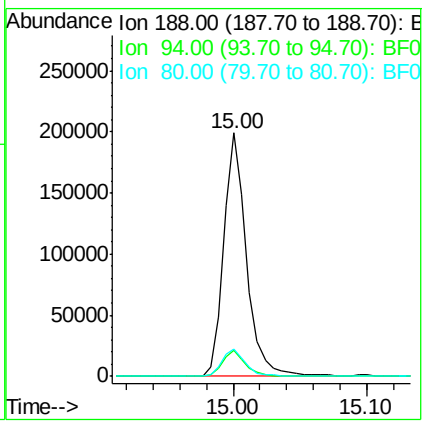


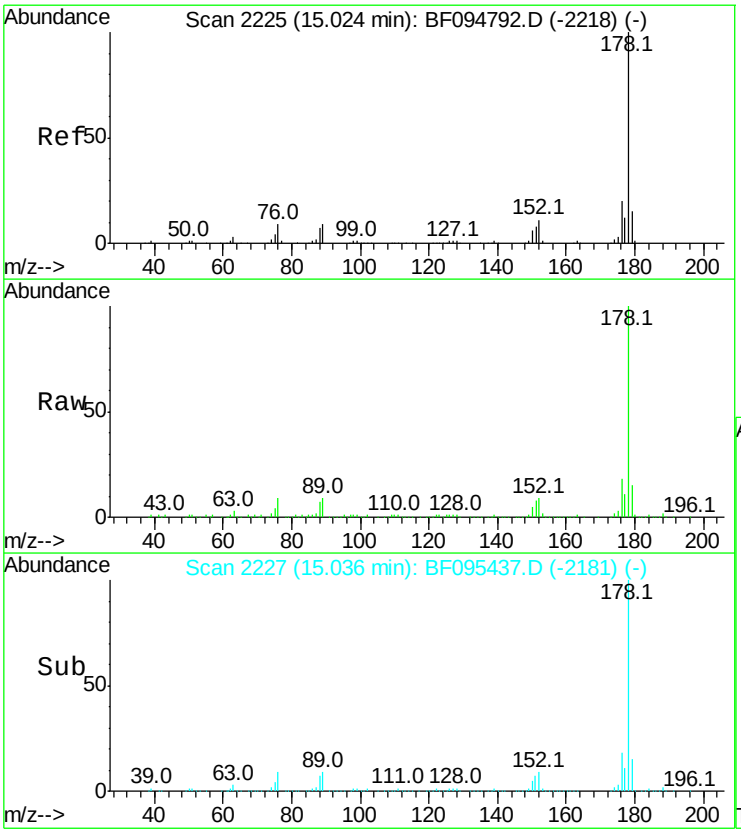
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 238386

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.2	10.2	15.2

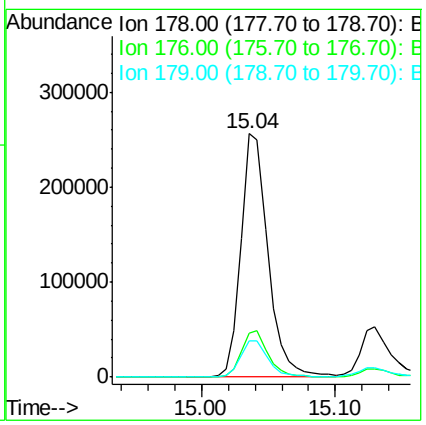


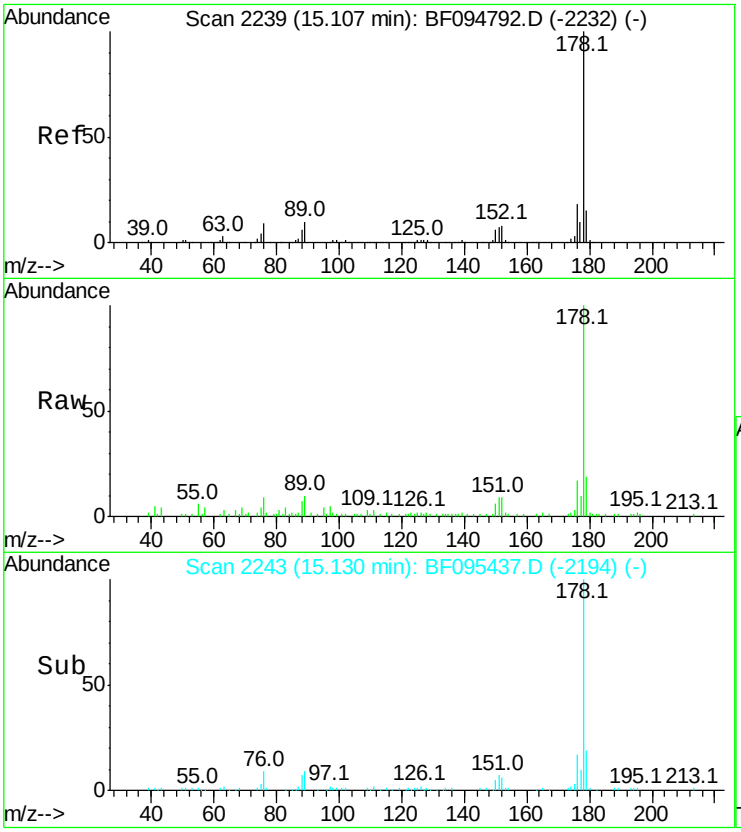


#70
Phenanthrene
Concen: 26.27 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:178 Resp: 359813

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	14.8	12.6	19.0



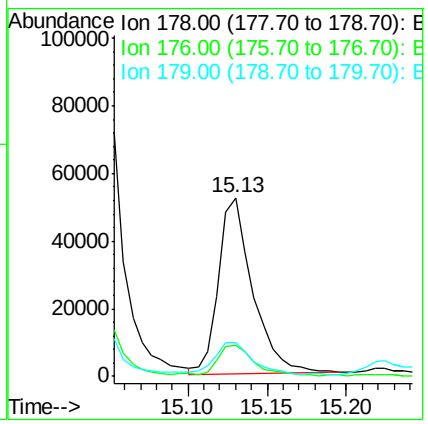


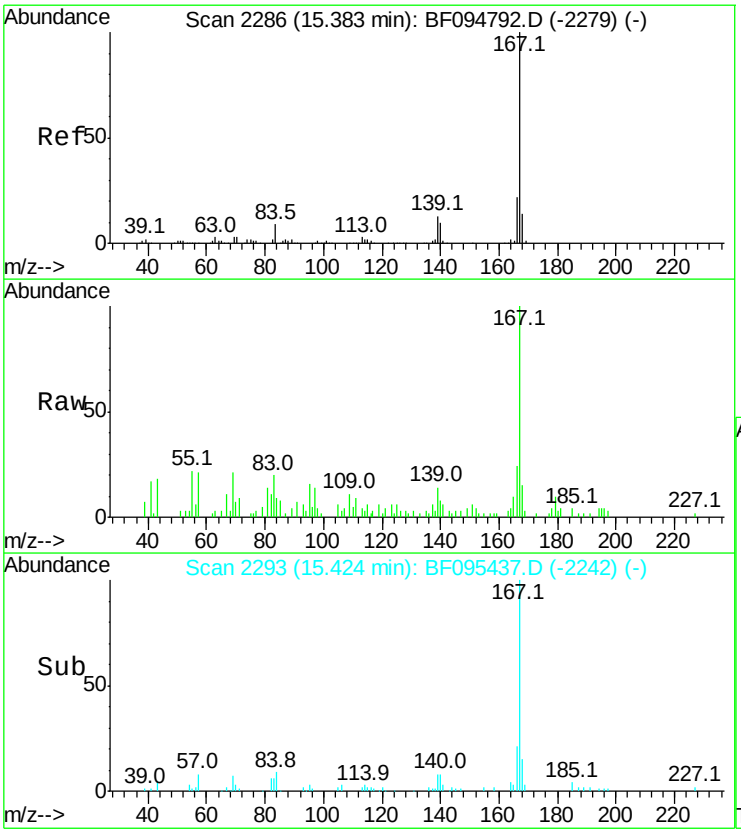
#71
Anthracene
Concen: 5.59 ng
RT: 15.13 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 78205

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	18.7	12.7	19.1

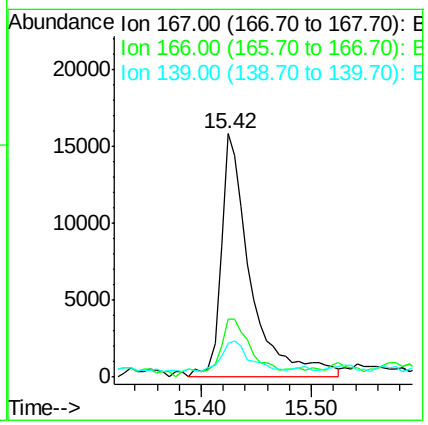


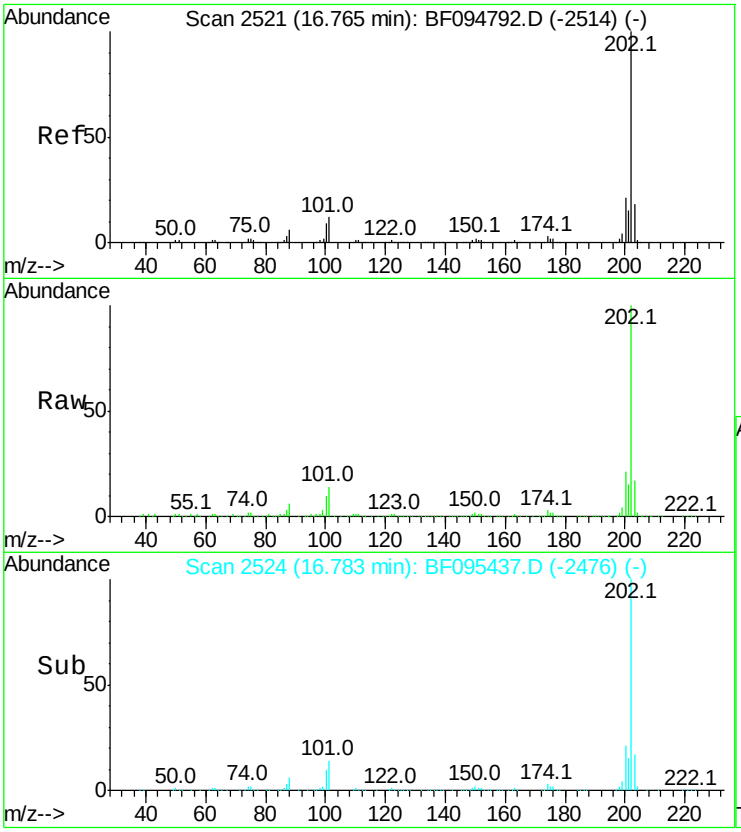


#72
Carbazole
Concen: 2.31 ng
RT: 15.42 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:167 Resp: 29367

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.1	27.1
139	14.0	11.7	17.5



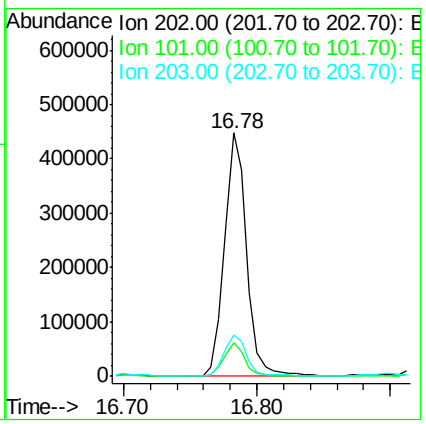


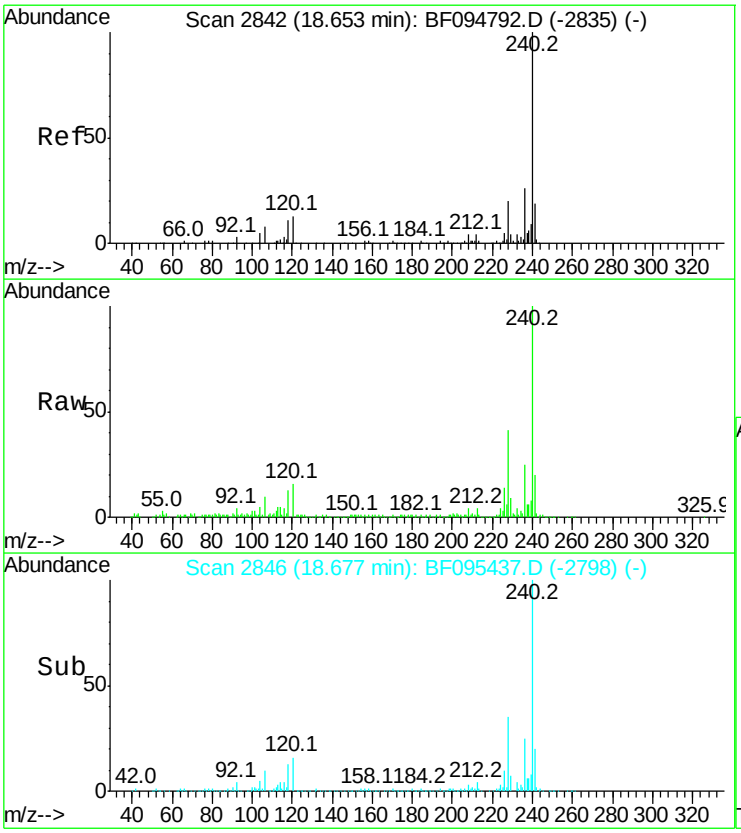
#74
Fluoranthene
Concen: 37.00 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 519920

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

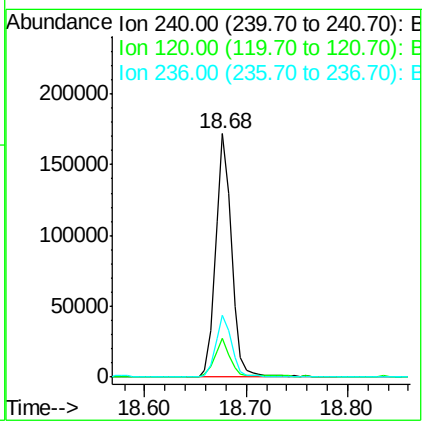


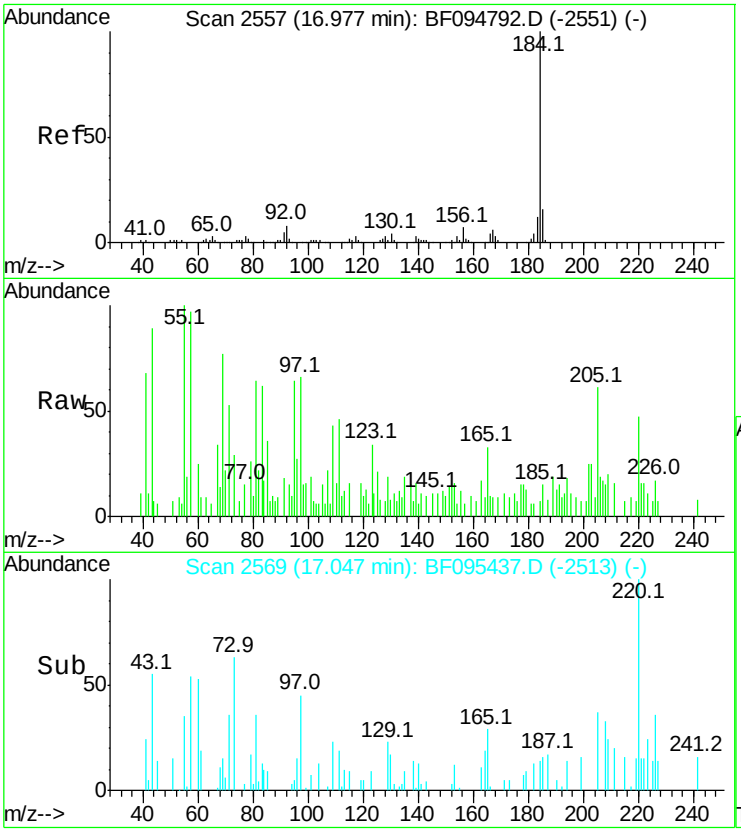


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:240 Resp: 185938

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.4	20.5	30.7



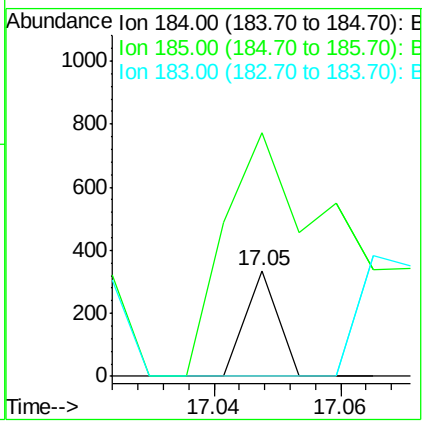


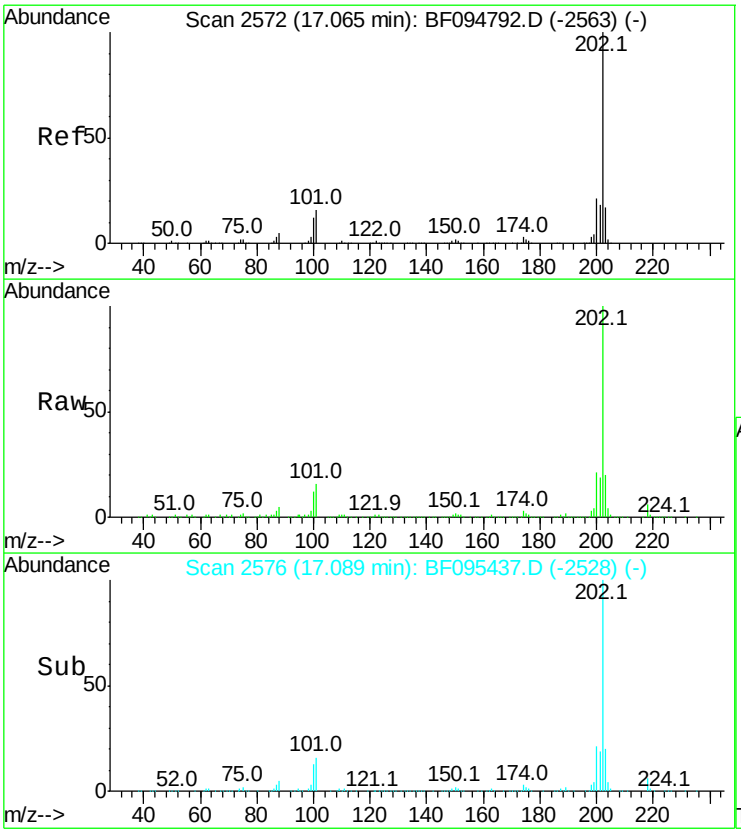
#76
Benzidine
Concen: 6.61 ng
RT: 17.05 min Scan# 2569
Delta R.T. 0.03 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 118

Ion	Ratio	Lower	Upper
184	100		
185	230.4	15.5	23.3#
183	0.0	9.8	14.6#

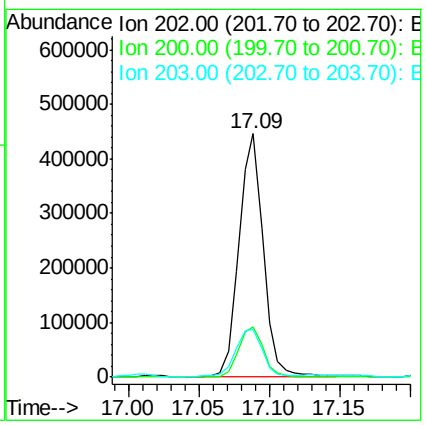


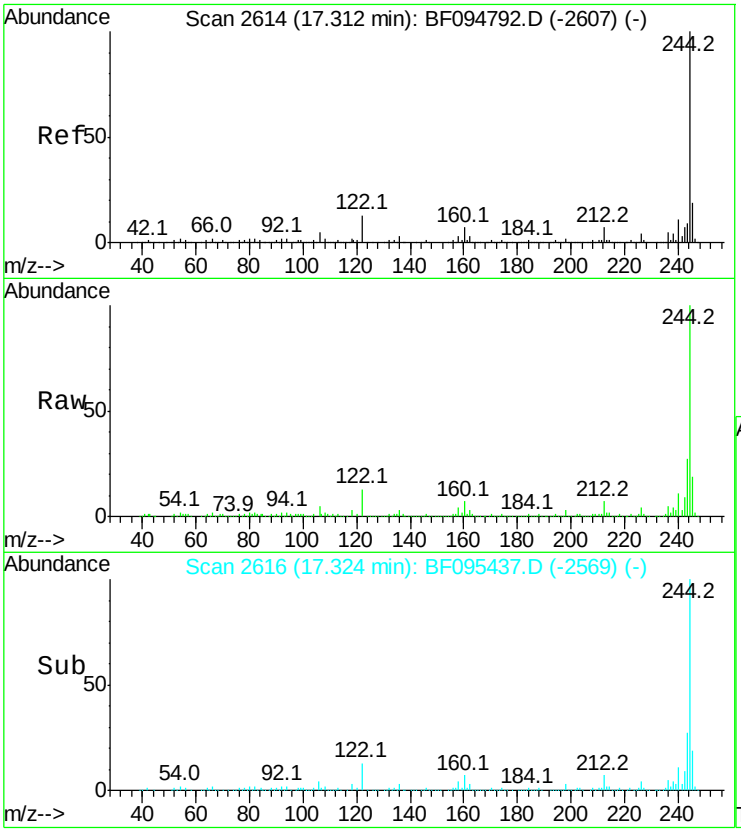


#77
Pyrene
Concen: 38.20 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:202 Resp: 531200

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.8	14.4	21.6



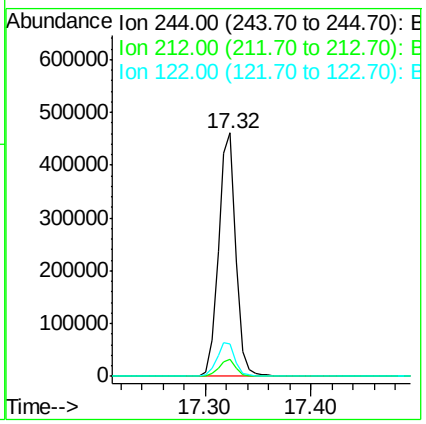


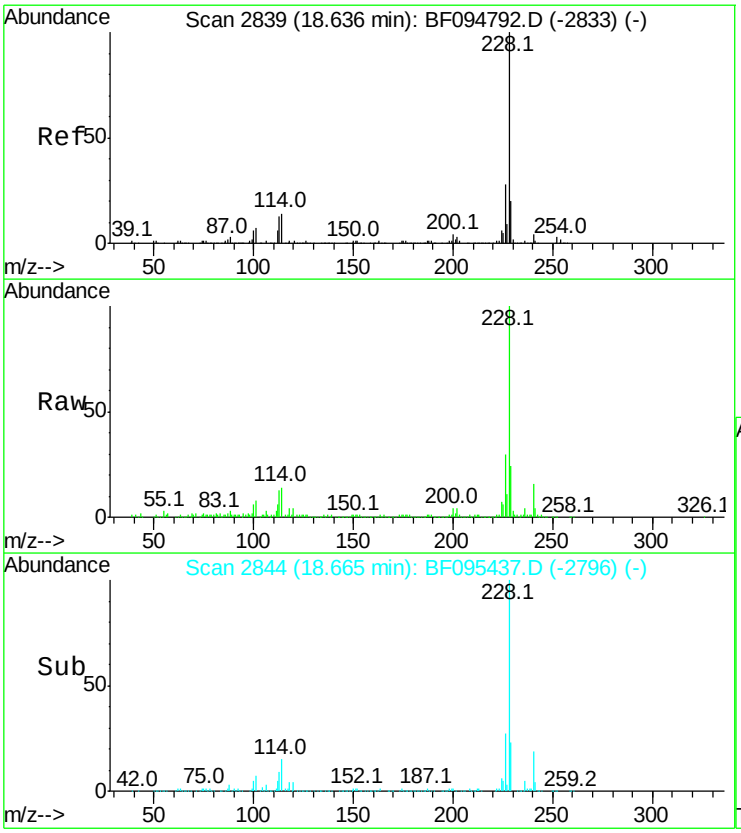
#78
Terphenyl-d14
Concen: 62.54 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 527914

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.1	10.3	15.5

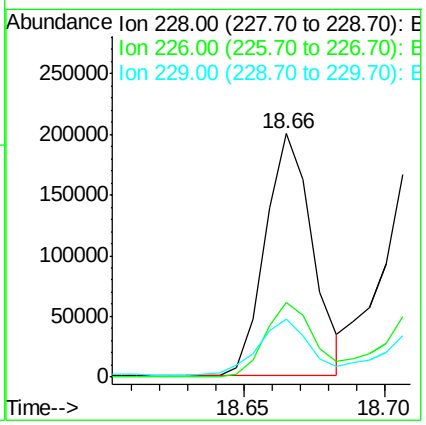


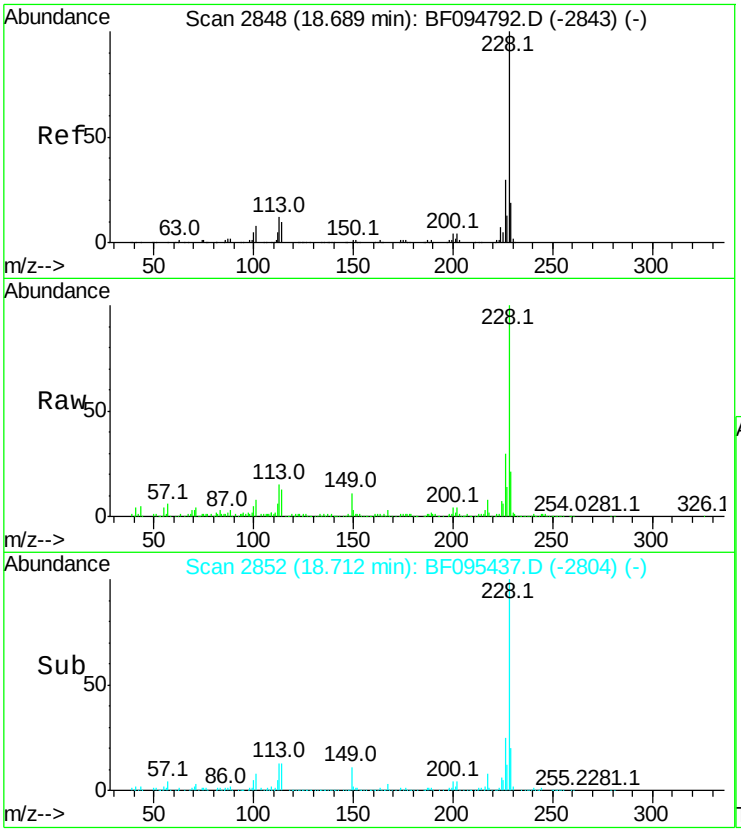


#80
Benzo(a)anthracene
Concen: 21.42 ng
RT: 18.66 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:228 Resp: 231825

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	23.7	16.3	24.5



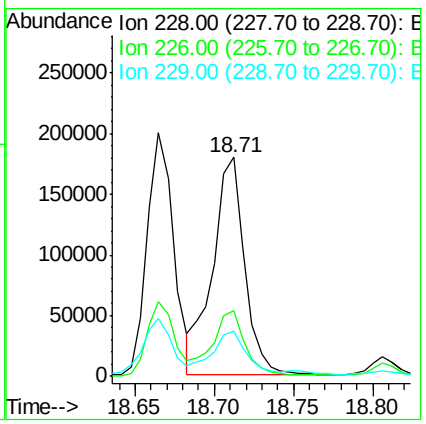


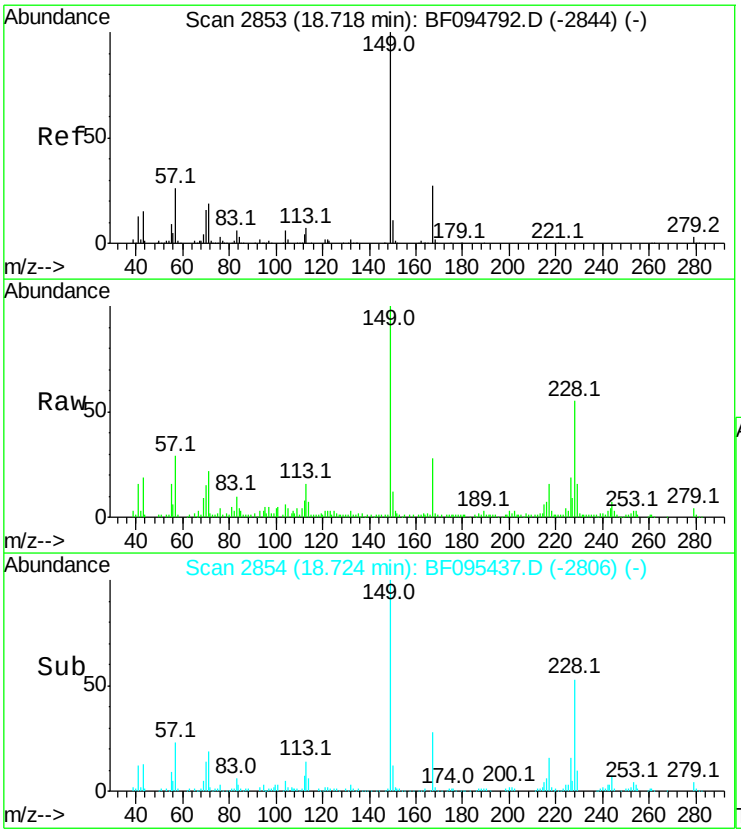
#82
Chrysene
Concen: 24.17 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 252903

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.7	15.8	23.6

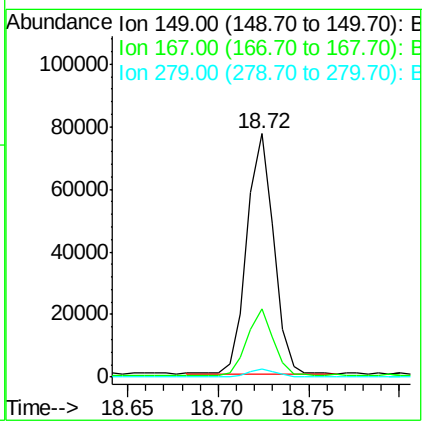


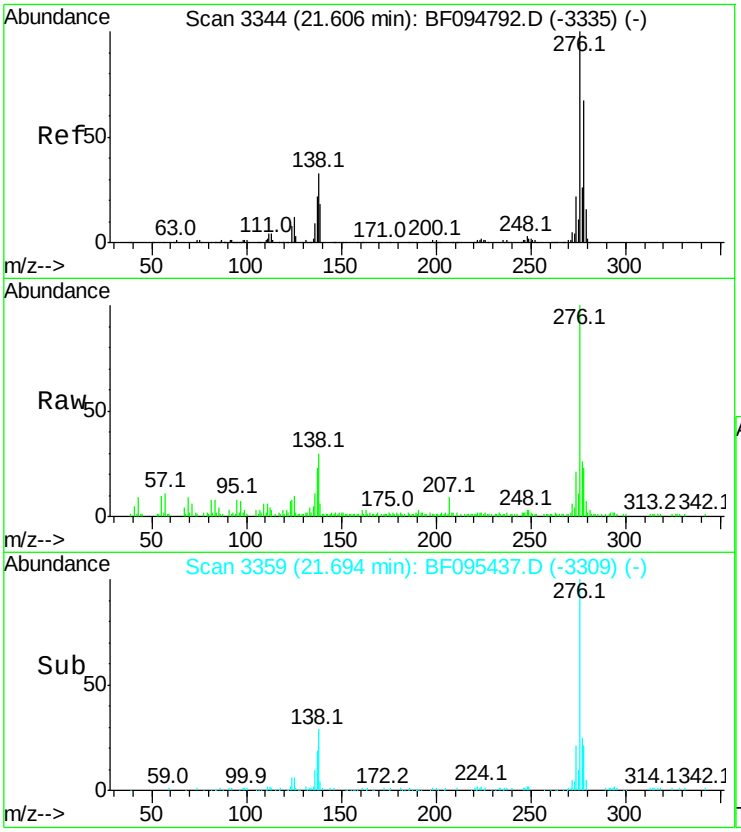


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.57 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:149 Resp: 79011

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.0	31.4
279	3.6	1.9	2.9#



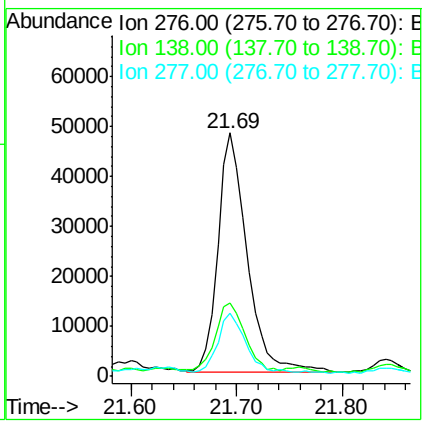


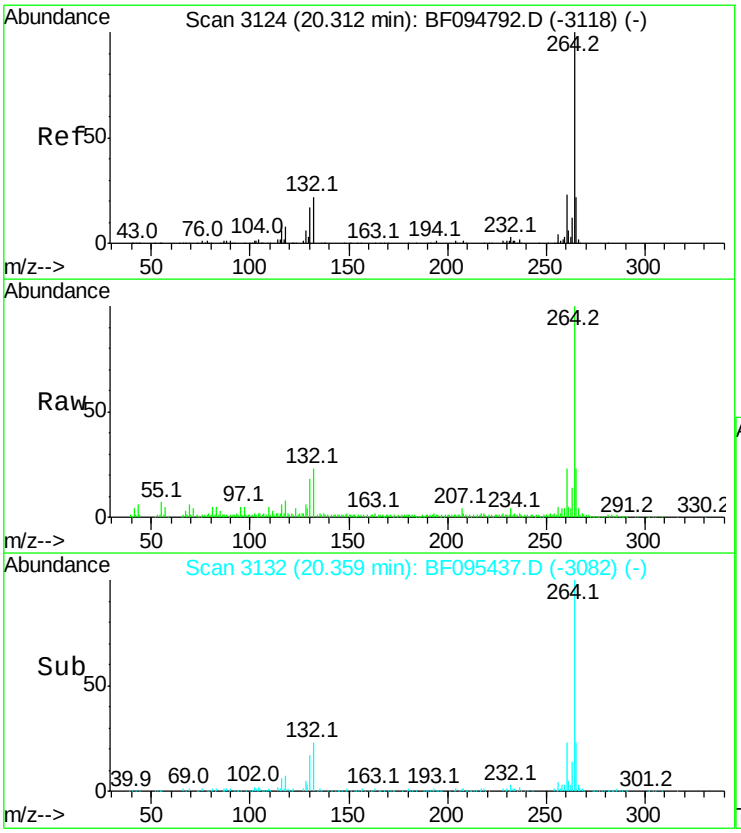
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.91 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 92721

Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	25.2	20.2	30.4

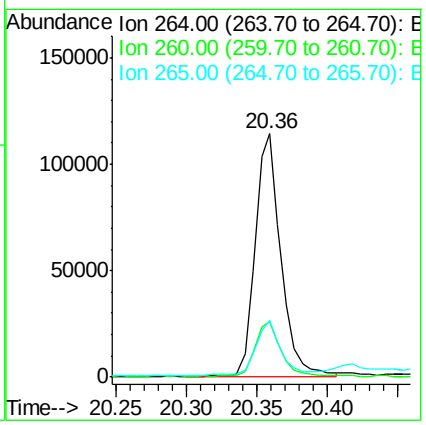


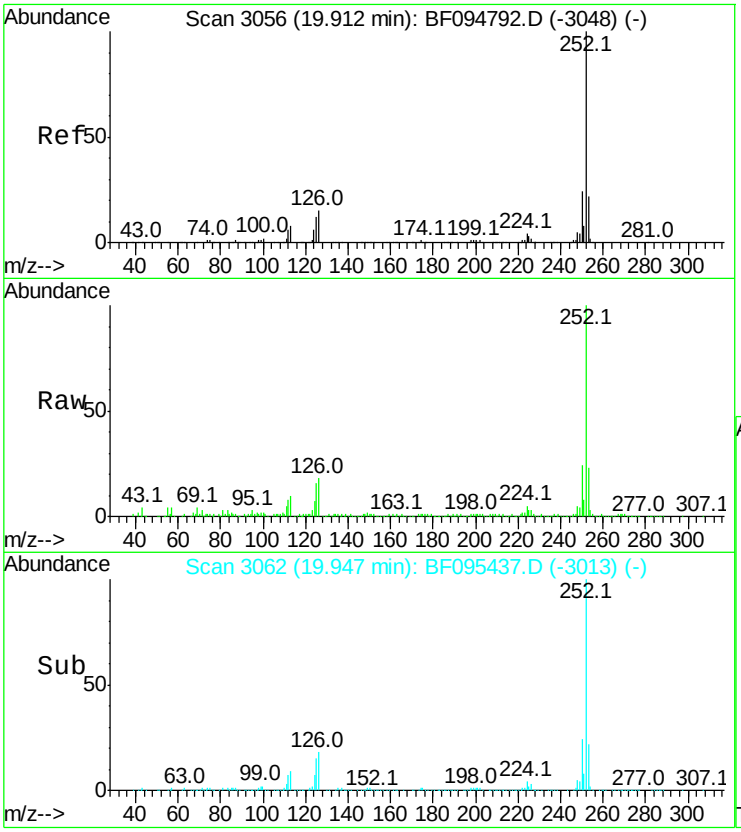


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:264 Resp: 147661

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	23.5	17.2	25.8



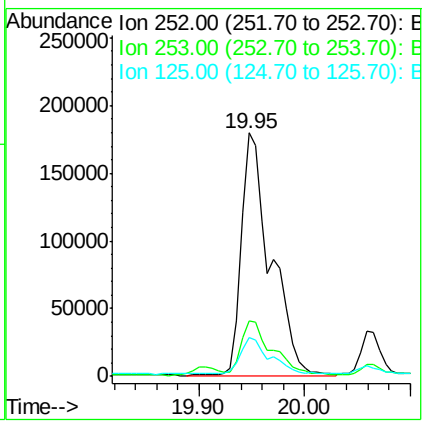


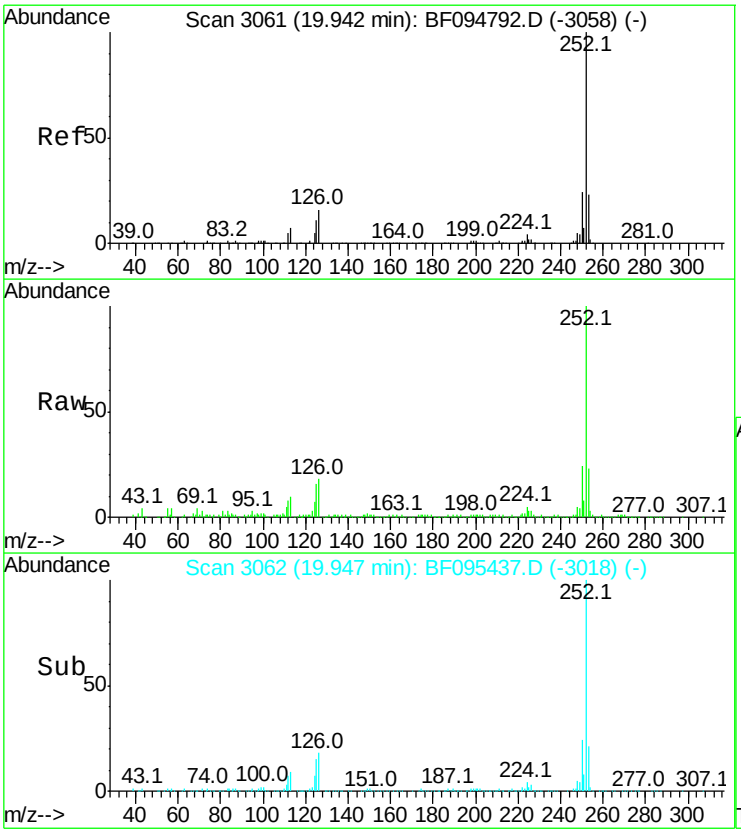
#87
Benzo(b)fluoranthene
Concen: 37.54 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 342496

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.7	9.8	14.8#

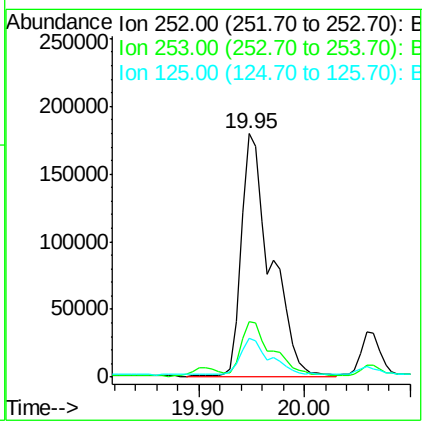


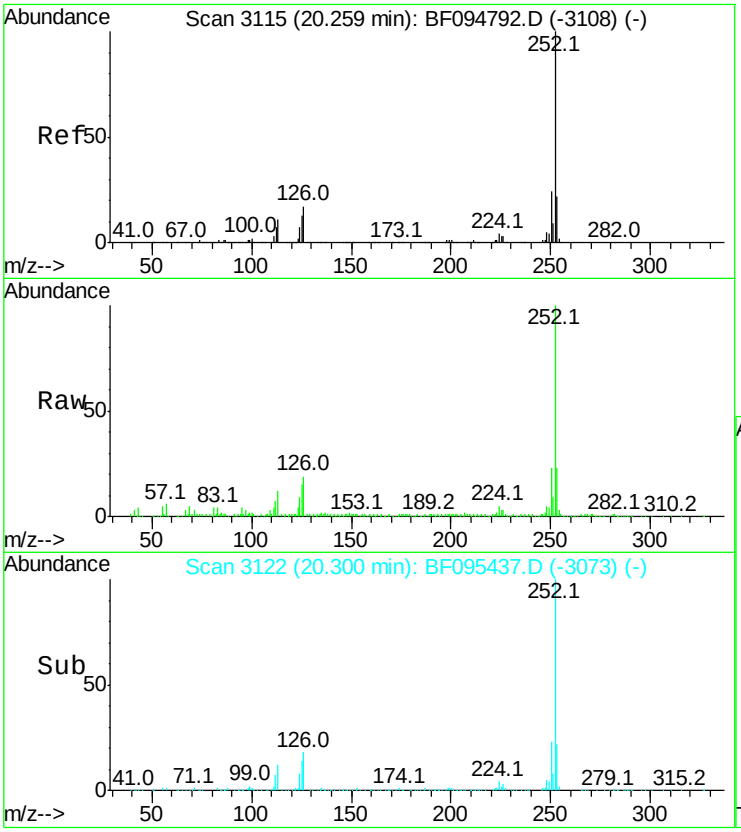


#88
Benzo(k)fluoranthene
Concen: 38.91 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:252 Resp: 342496

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	15.7	13.1	19.7



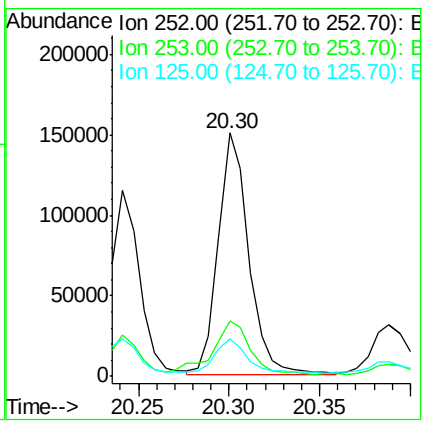


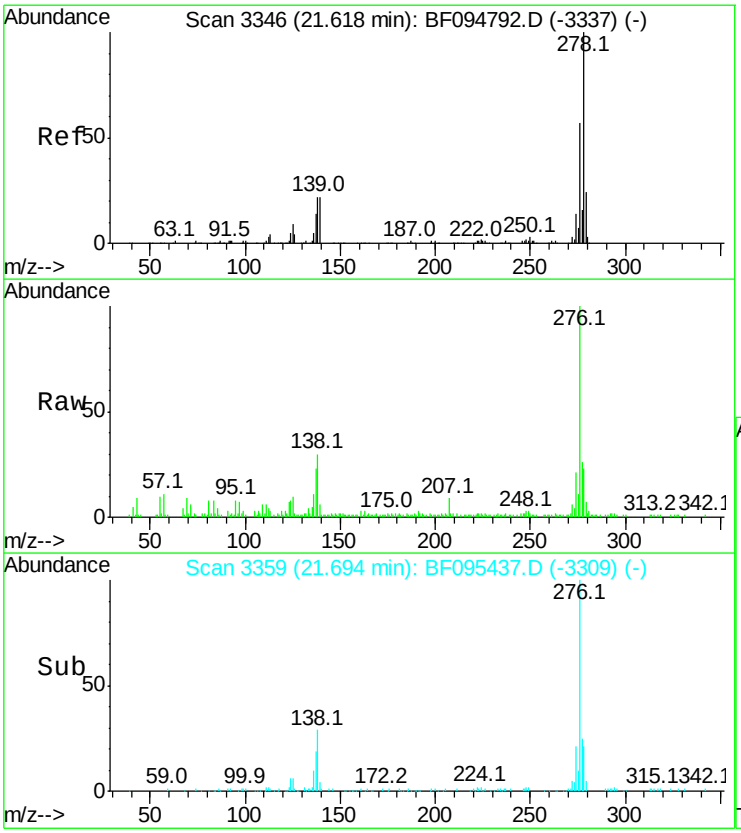
#89
Benzo(a)pyrene
Concen: 20.96 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 176503

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.4	11.0	16.4

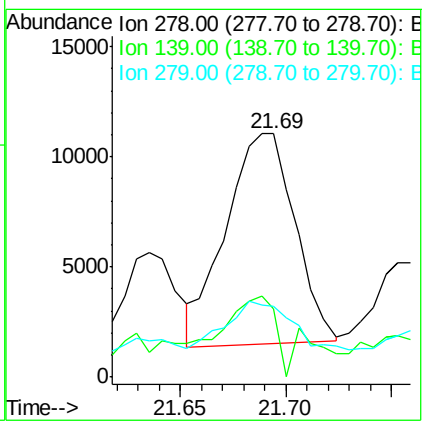


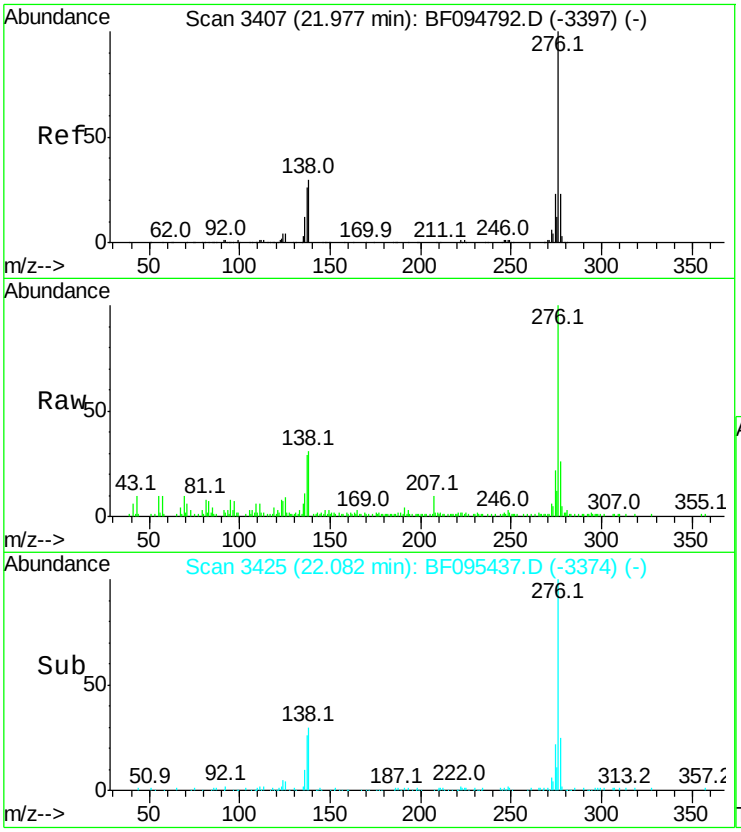


#90
Dibenzo(a,h)anthracene
Concen: 3.13 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Tgt Ion:278 Resp: 21752

Ion	Ratio	Lower	Upper
278	100		
139	28.2	16.6	24.8#
279	28.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 14.28 ng
RT: 22.08 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BF095437.D
Acq: 25 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 97418

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	31.3	25.4	38.0