Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095941.D
Acq On : 15 Jun 2017 1:09
Operator : SJ/MA
Sample : I3663-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 03:58:58 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	69257	20.00	ng		-0.06
21) Naphthalene-d8	9.36	136	271222	20.00	ng		-0.07
38) Acenaphthene-d10	12.19	164	110650	20.00	ng		-0.07
63) Phenanthrene-d10	14.58	188	165242	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	132955	20.00	ng		-0.05
86) Perylene-d12	19.97	264	96484	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	27187	6.26	ng		0.02
7) Phenol-d6	6.90	99	361606	69.50	ng		-0.05
23) Nitrobenzene-d5	8.25	82	296563	67.91	ng		-0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	11.15	172	560100	70.44	ng		-0.07
78) Terphenyl-d14	16.96	244	346973	64.77	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.25	70	37615	11.41	ng	#	74
31) Naphthalene	9.40	128	84320	6.19	ng		100
33) 4-Chloroaniline	9.40	127	11070	2.08	ng	#	34
37) 2-Methylnaphthalene	10.53	142	32381	3.52	ng		96
49) Dimethylphthalate	11.84	163	88381	10.52	ng		100
51) Acenaphthene	12.23	154	50663	7.20	ng		96
54) Dibenzofuran	12.53	168	57371	5.79	ng		95
55) 4-Nitrophenol	12.53	139	20232	19.92	ng	#	29
57) Fluorene	13.08	166	56956	6.61	ng		98
70) Phenanthrene	14.62	178	518676	54.40	ng		97
71) Anthracene	14.70	178	141871	14.25	ng		95
72) Carbazole	15.01	167	60503	6.24	ng		97
74) Fluoranthene	16.40	202	538287	57.04	ng		99
77) Pyrene	16.70	202	443830	44.74	ng	#	96
79) Butylbenzylphthalate	17.62	149	9138	2.11	ng	#	79
80) Benzo(a)anthracene	18.29	228	197067	25.49	ng		98
82) Chrysene	18.33	228	178490	23.11	ng		99
83) Bis(2-ethylhexyl)phthalate	18.37	149	153547	25.12	ng	#	98
87) Benzo(b)fluoranthene	19.57	252	225141	37.27	ng	#	95
88) Benzo(k)fluoranthene	19.57	252	225141	38.99	ng		99
89) Benzo(a)pyrene	19.92	252	114334	20.59	ng	#	95
90) Dibenzo(a,h)anthracene	21.14	278	16566	3.52	ng	#	74
91) Benzo(g,h,i)perylene	21.48	276	53181	11.07	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Time: Jun 15 03:58:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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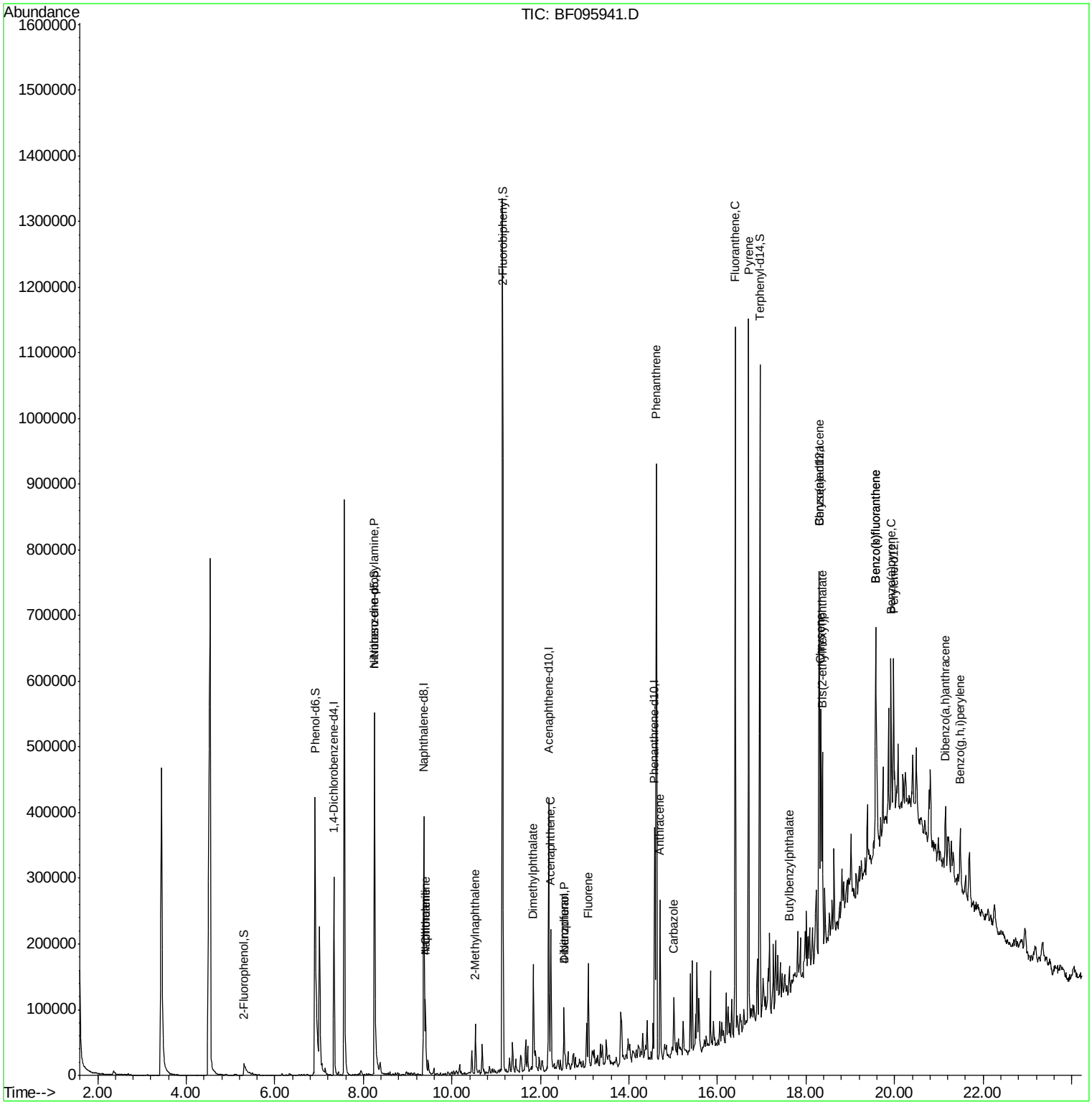
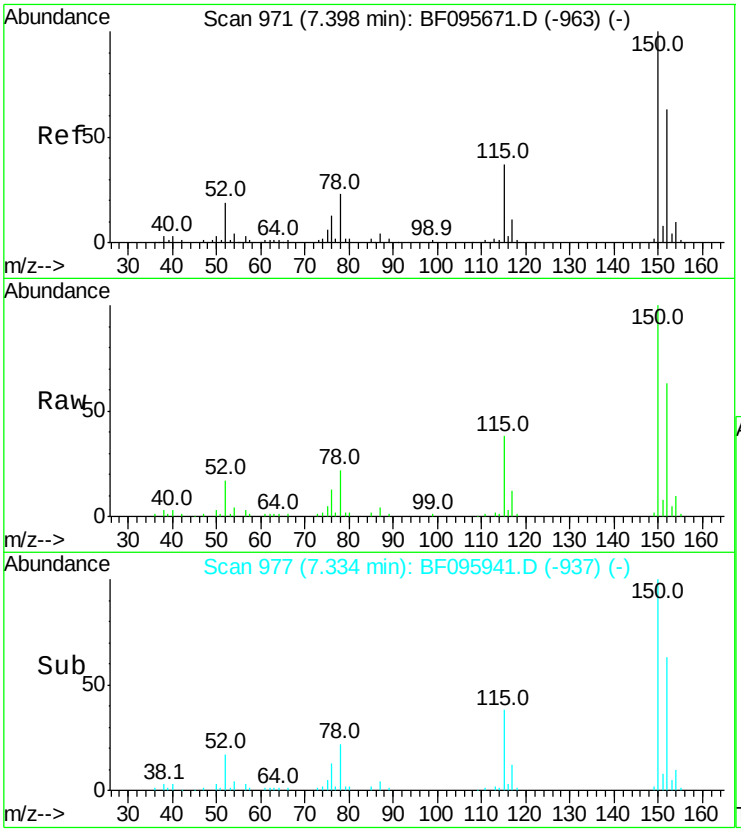


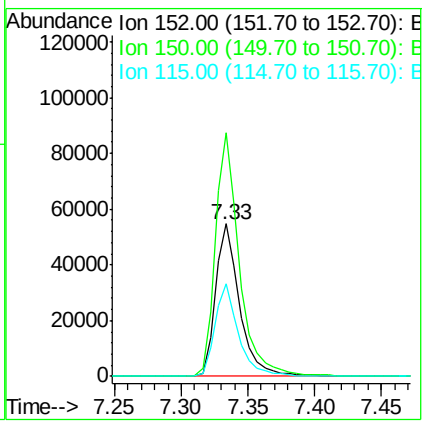


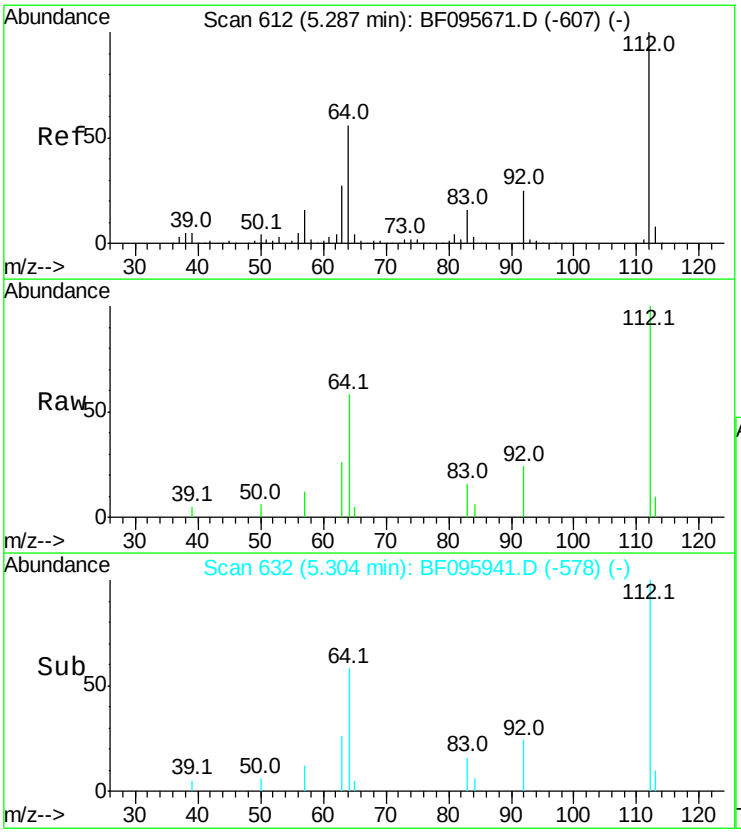
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69257

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	60.9	52.2	78.2

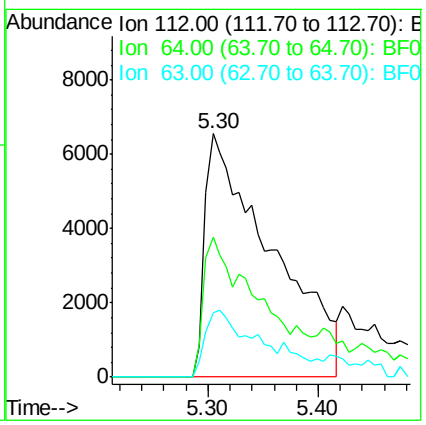


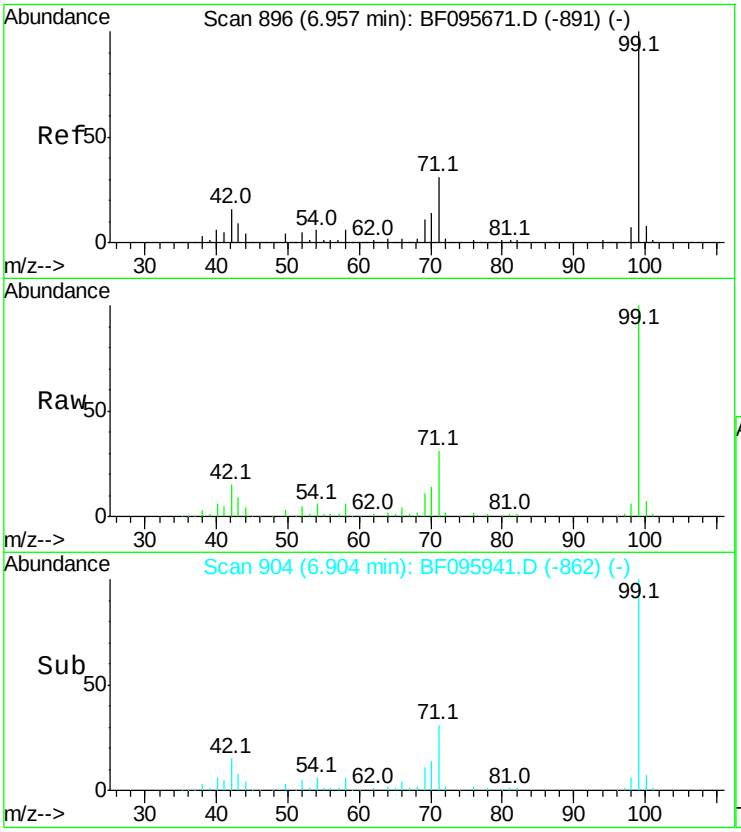


#5
2-Fluorophenol
Concen: 6.26 ng
RT: 5.30 min Scan# 632
Delta R.T. 0.02 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:112 Resp: 27187

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	26.4	23.4	35.0



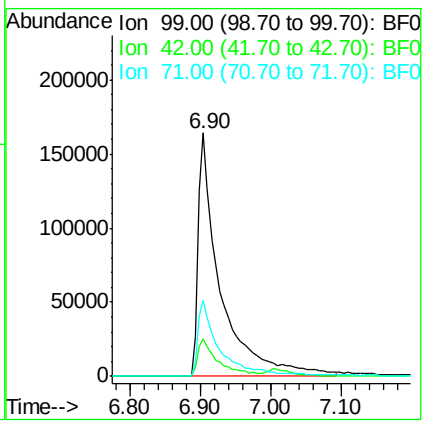


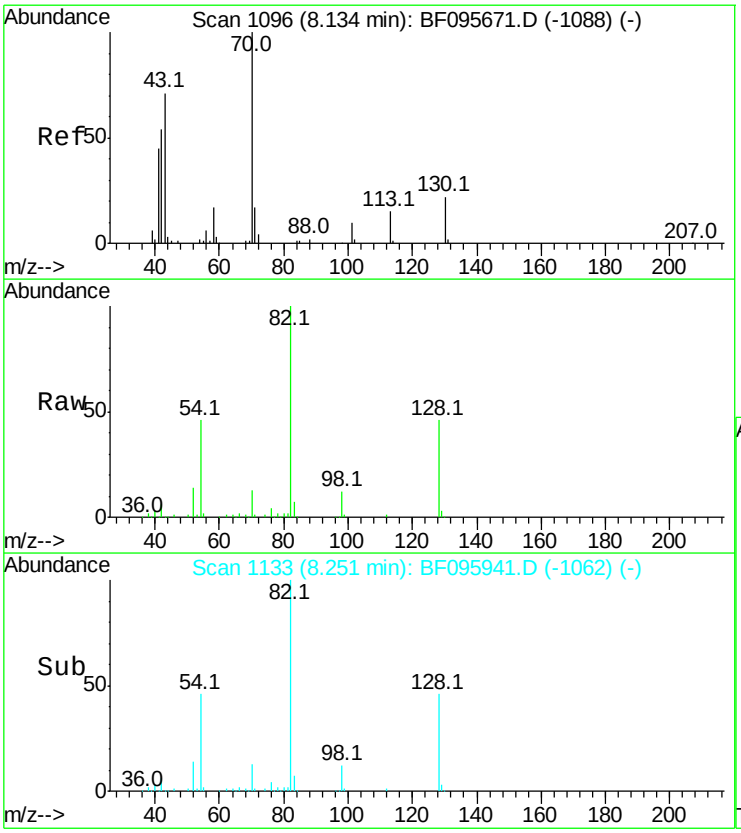
#7
Phenol-d6
Concen: 69.50 ng
RT: 6.90 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 361606

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	31.0	24.5	36.7

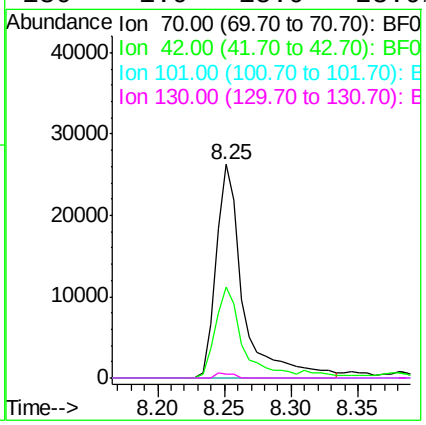


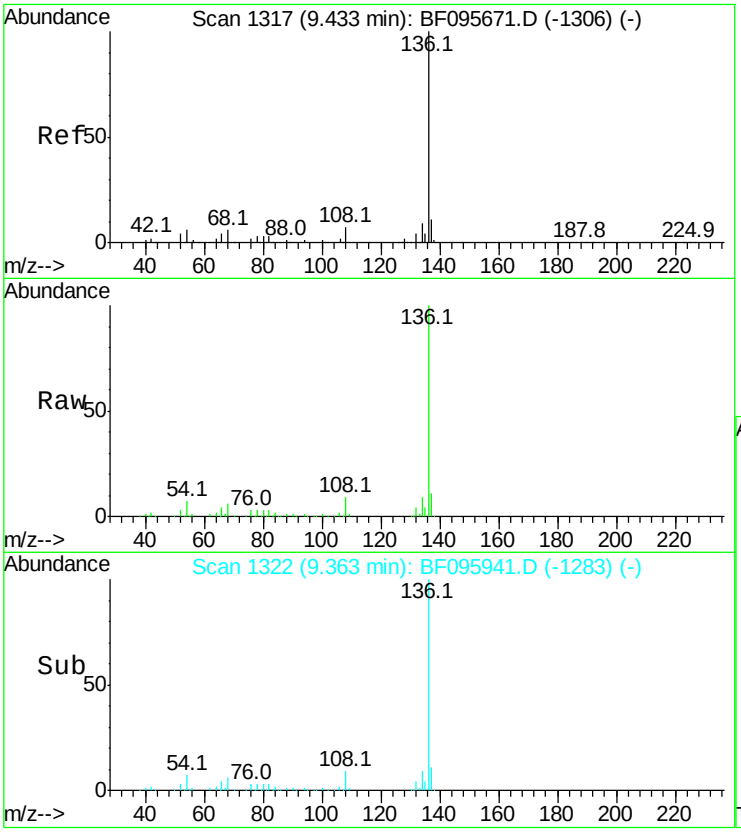


#19
n-Nitroso-di-n-propylamine
Concen: 11.41 ng
RT: 8.25 min Scan# 1133
Delta R.T. 0.12 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion: 70 Resp: 37615

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



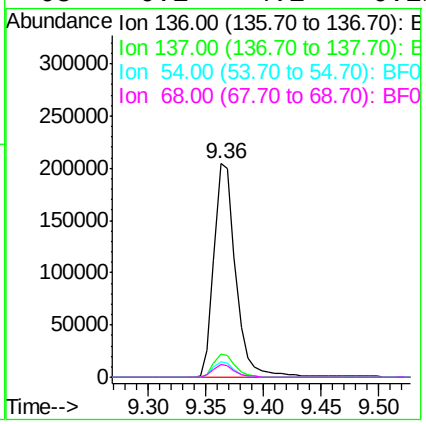


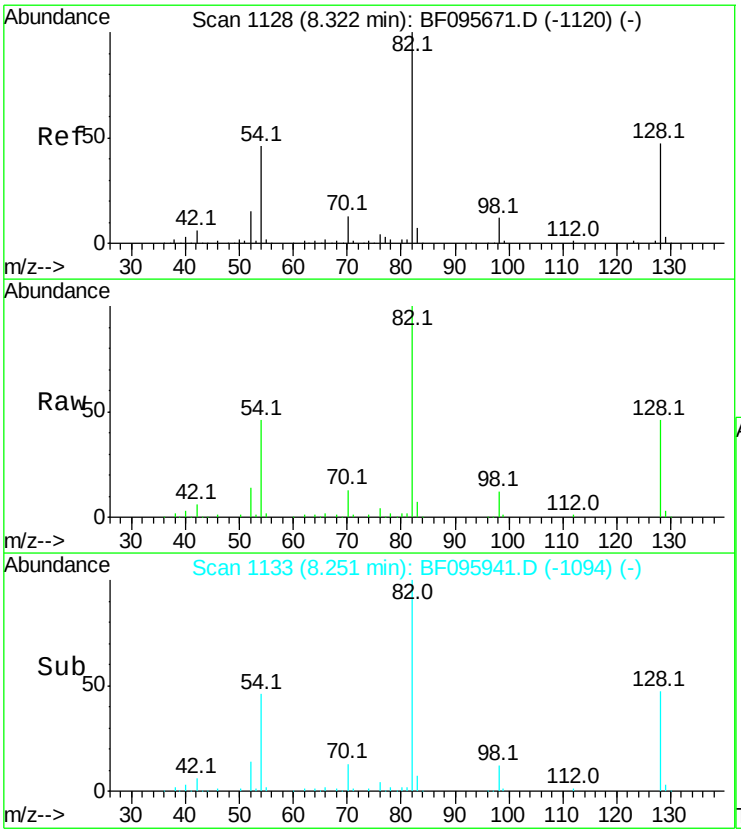
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.36 min Scan# 1322
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 271222

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	6.1	4.1	6.1#

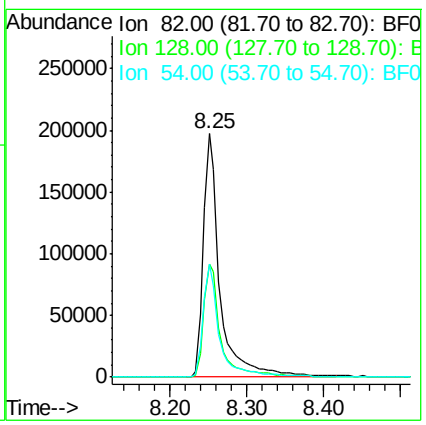


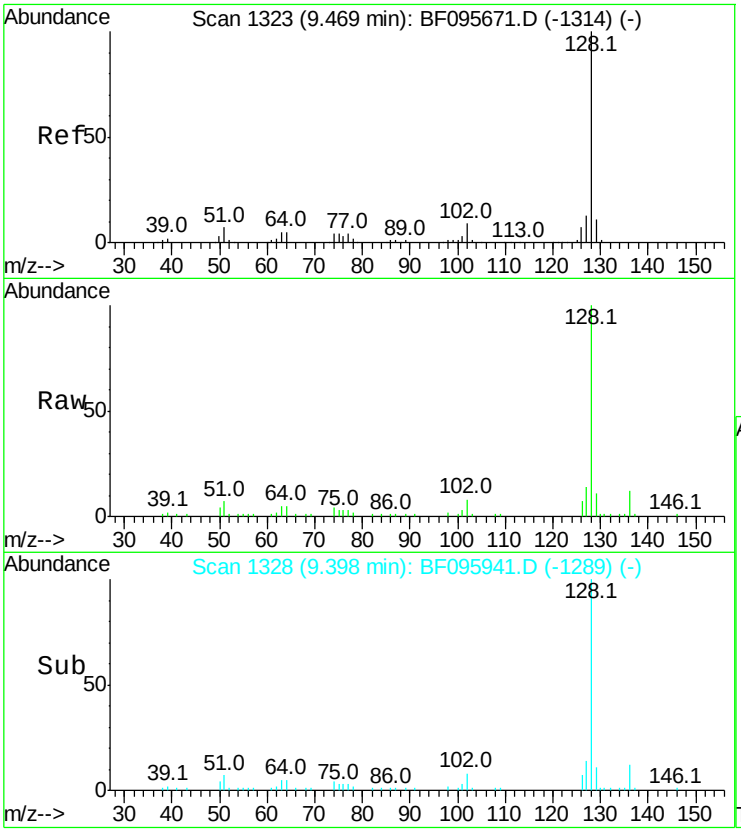


#23
Nitrobenzene-d5
Concen: 67.91 ng
RT: 8.25 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion: 82 Resp: 296563

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.4	42.2	63.2

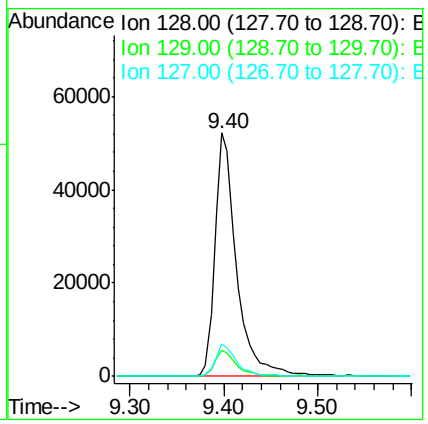




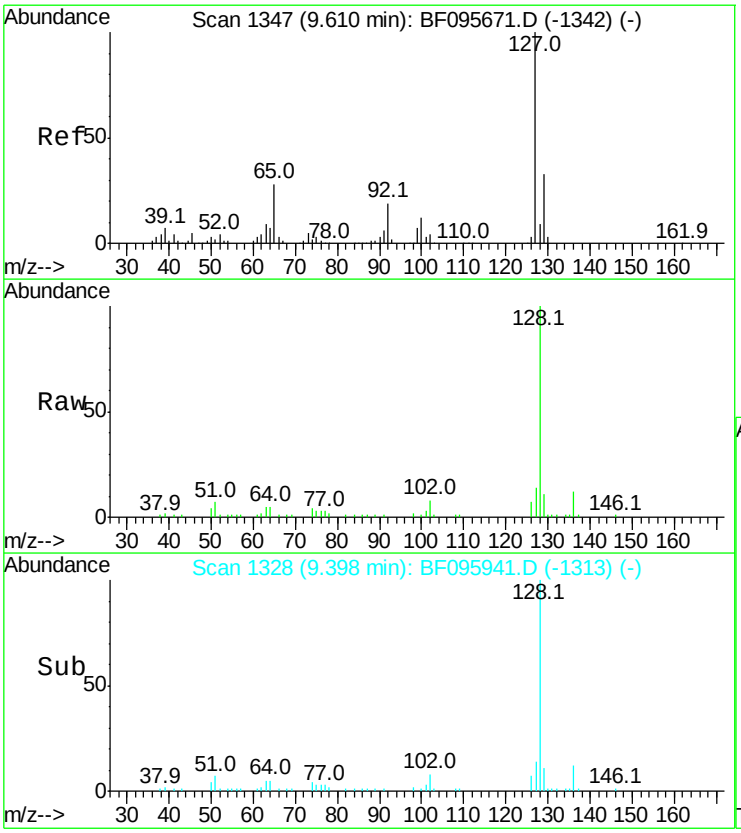
#31
Naphthalene
Concen: 6.19 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:128 Resp: 84320

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2



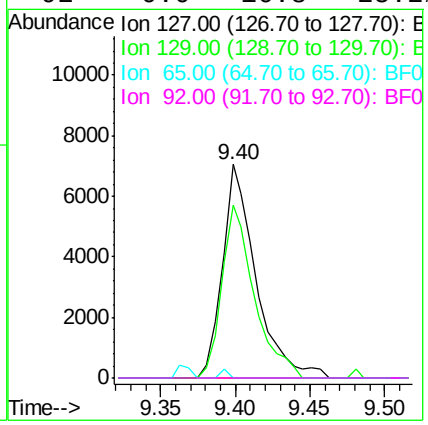
Instrument :
BNA_F
ClientSampleId :

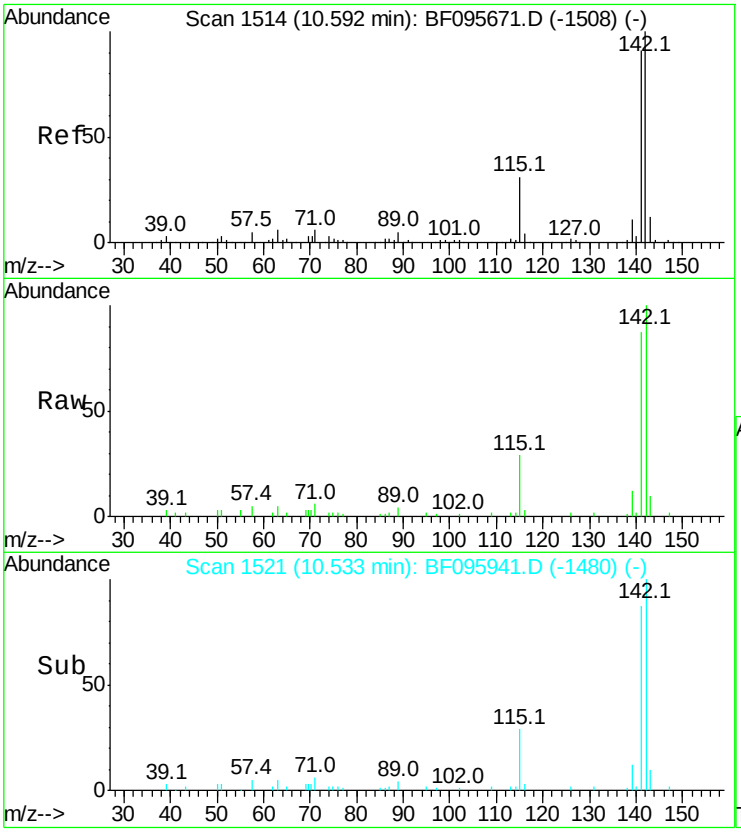


#33
4-Chloroaniline
Concen: 2.08 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:127 Resp: 11070

Ion	Ratio	Lower	Upper
127	100		
129	81.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



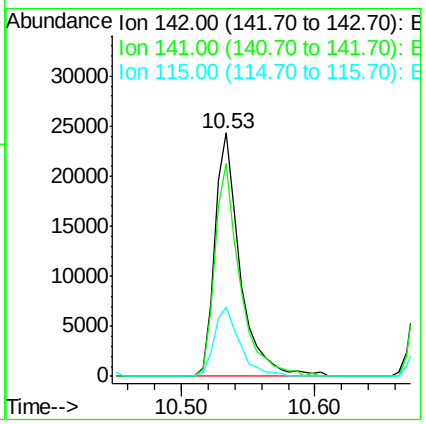


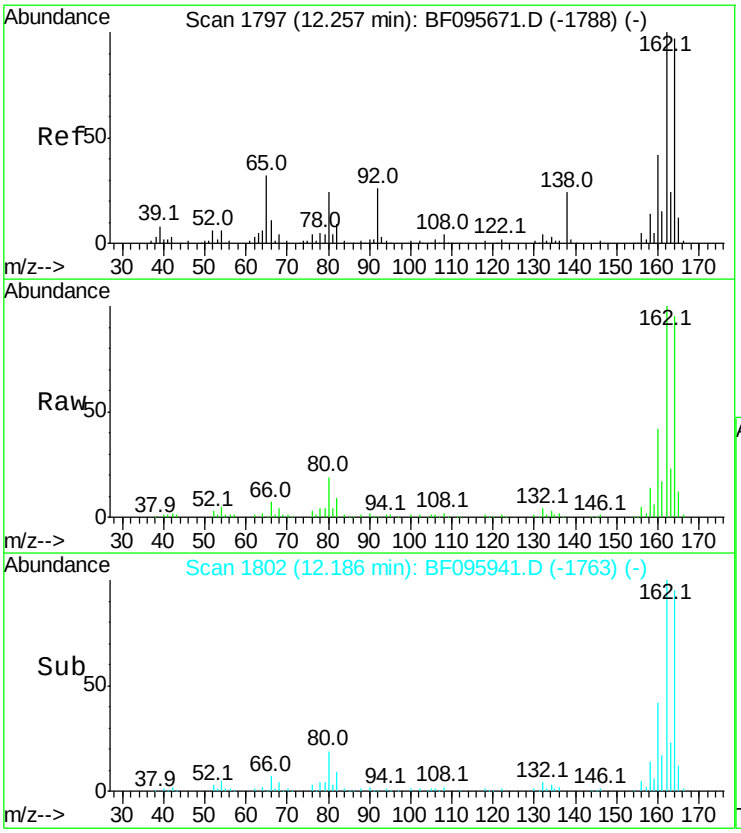
#37
2-Methylnaphthalene
Concen: 3.52 ng
RT: 10.53 min Scan# 1521
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 32381

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.3	106.9
115	28.5	27.1	40.7

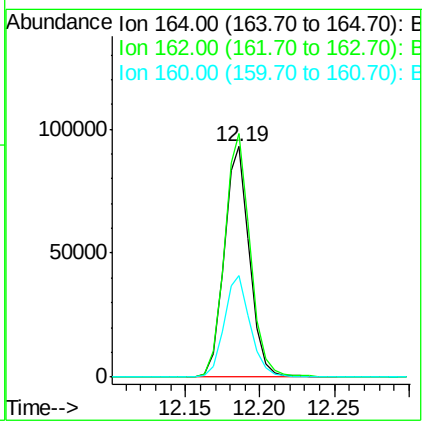


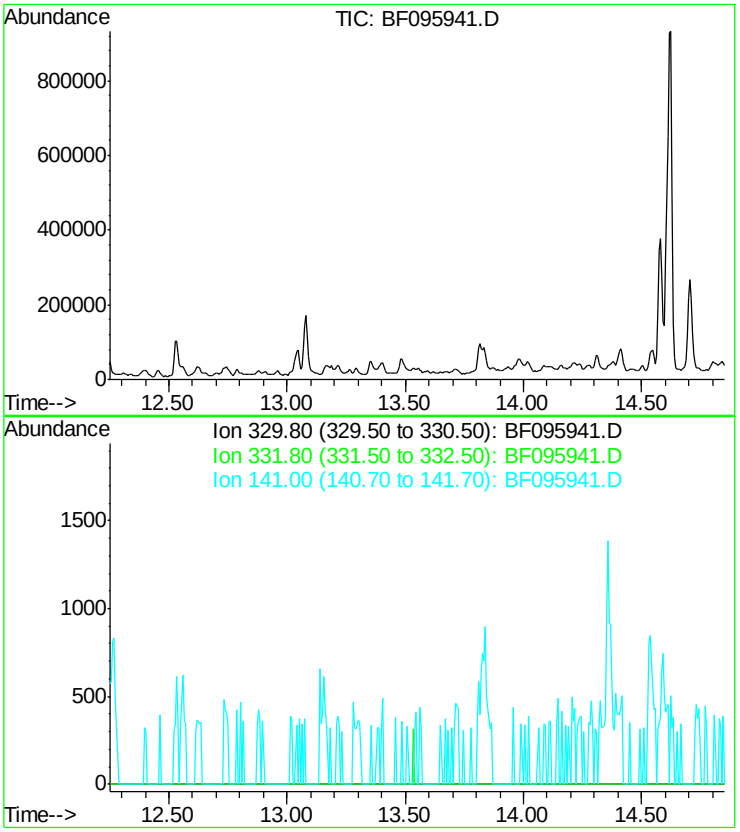


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:164 Resp: 110650

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	43.9	36.2	54.2





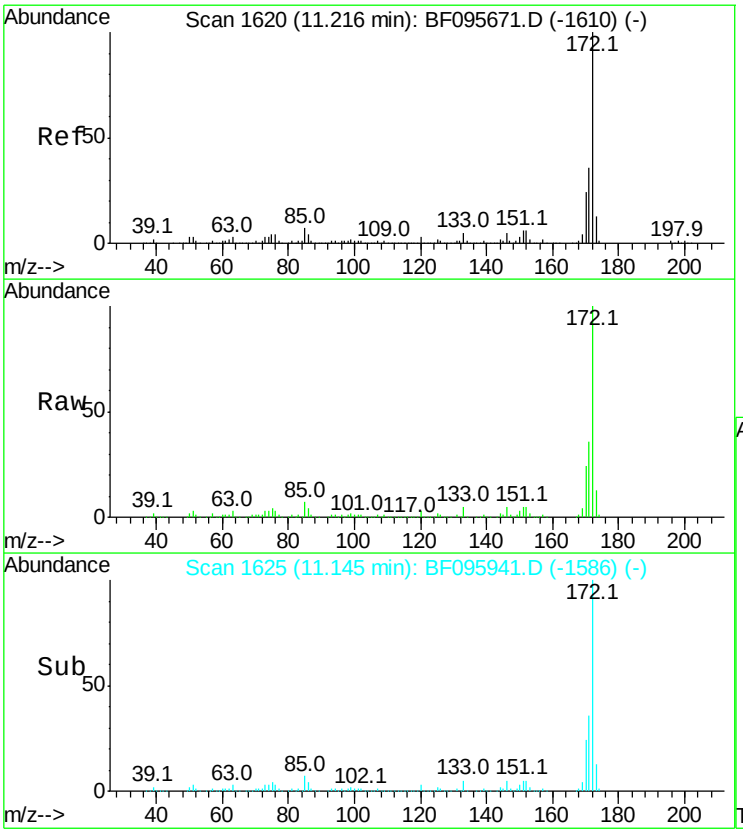
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 13.55 min

Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

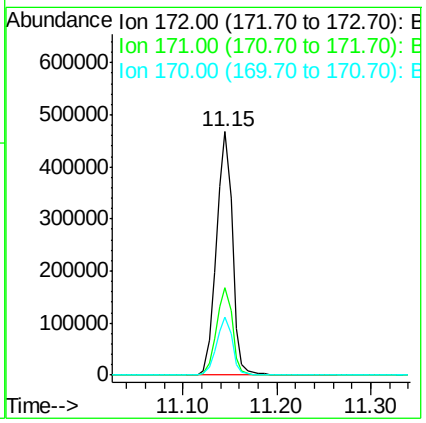
Instrument :
BNA_F
ClientSampleId :

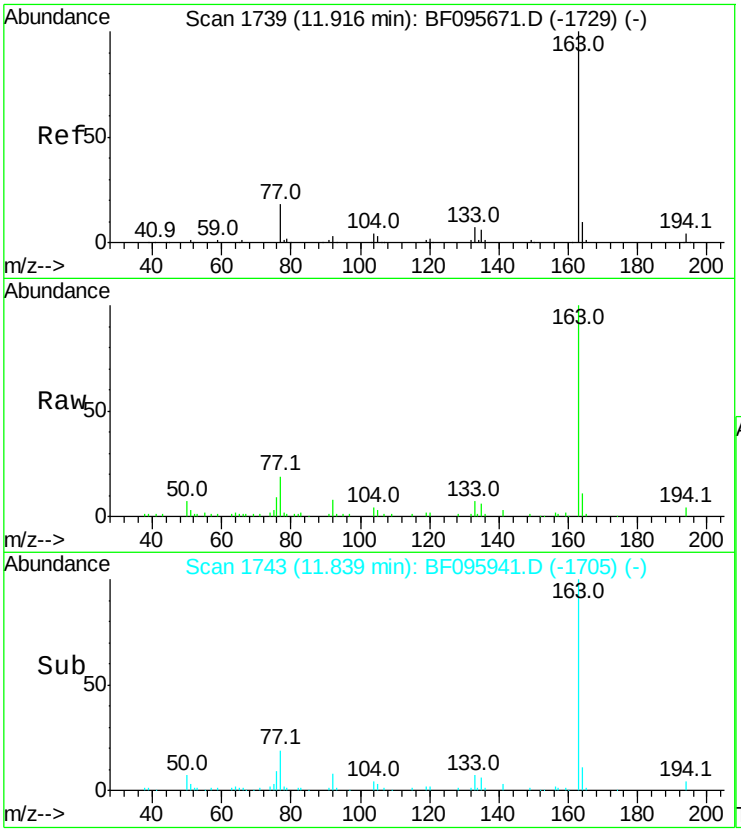


#44
2-Fluorobiphenyl
Concen: 70.44 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:172 Resp: 560100

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8



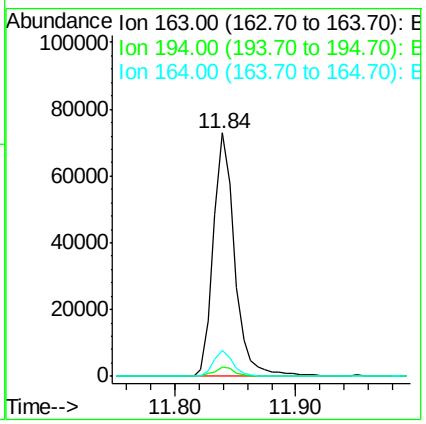


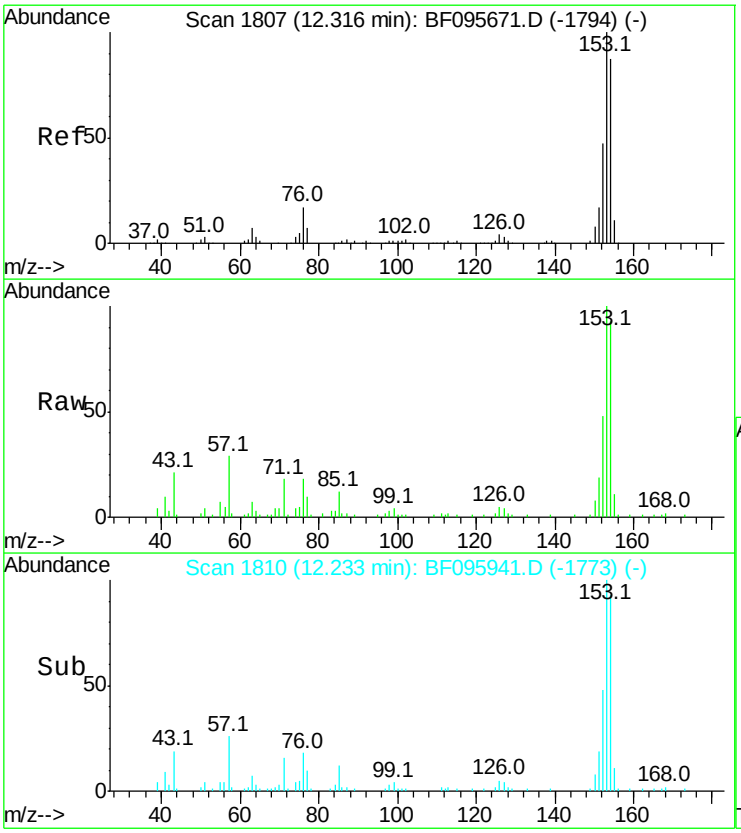
#49
Dimethylphthalate
Concen: 10.52 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 88381

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.4	12.6

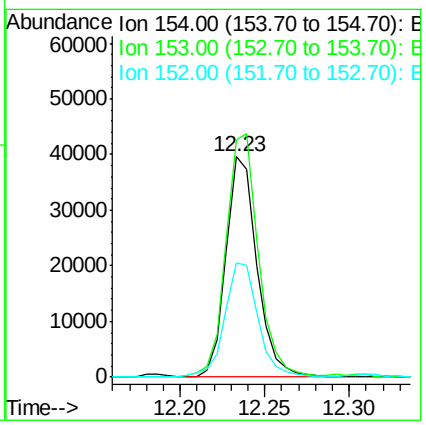


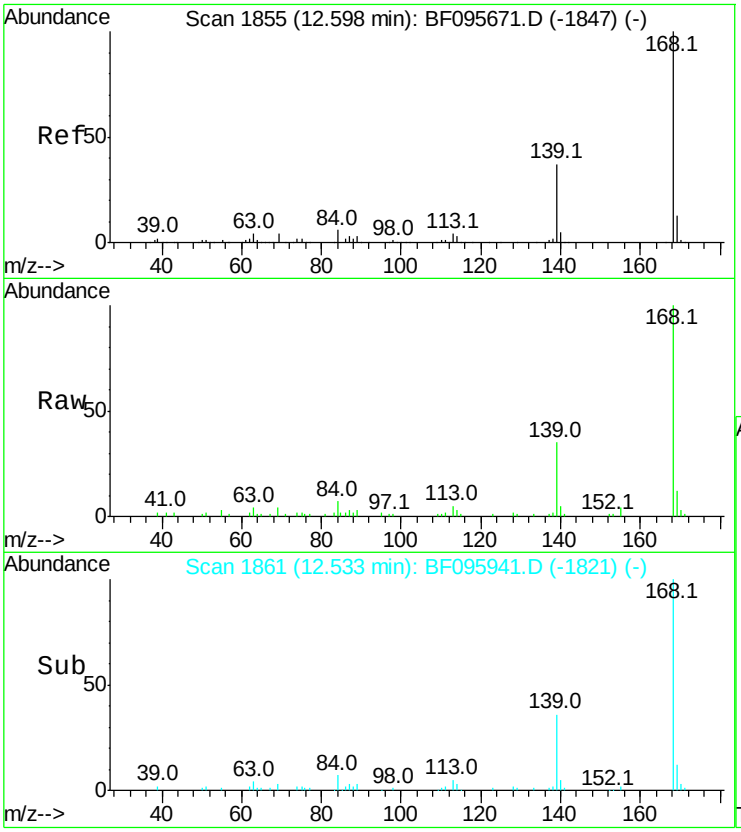


#51
Acenaphthene
Concen: 7.20 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.08 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:154 Resp: 50663

Ion	Ratio	Lower	Upper
154	100		
153	108.0	90.5	135.7
152	51.9	43.6	65.4



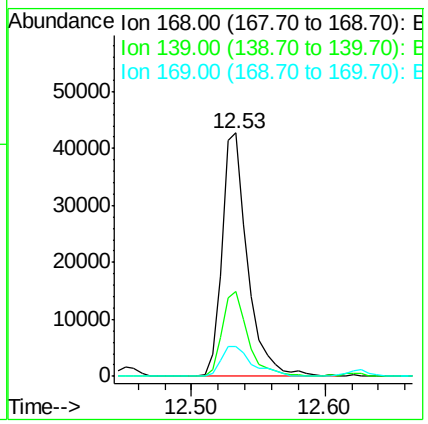


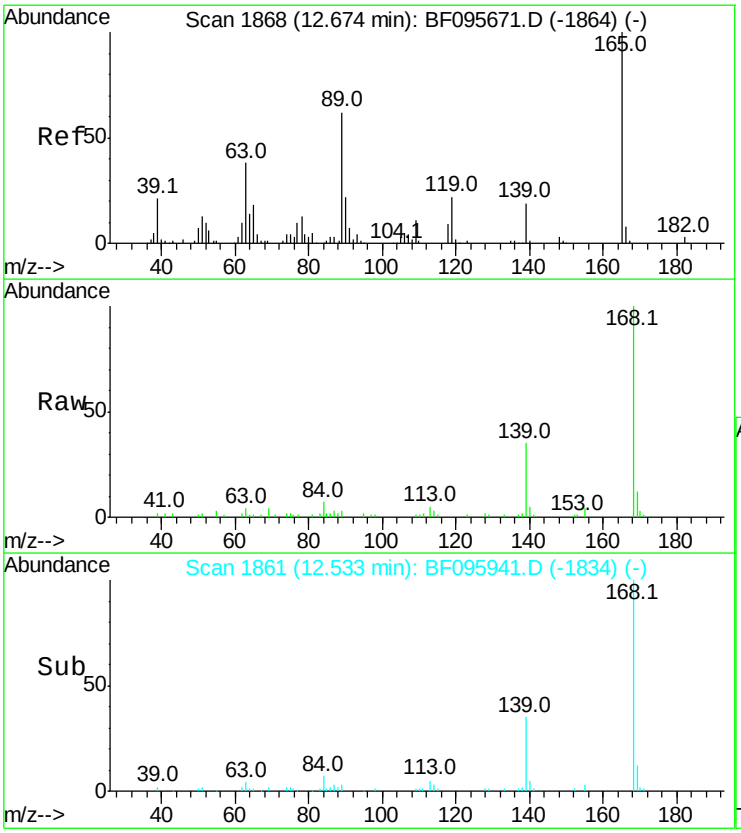
#54
Dibenzofuran
Concen: 5.79 ng
RT: 12.53 min Scan# 1861
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 57371

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.6	45.8
169	12.2	10.8	16.2

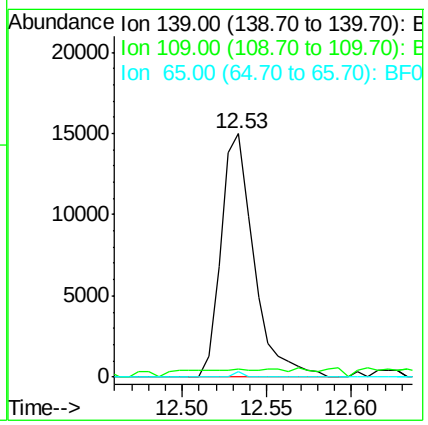


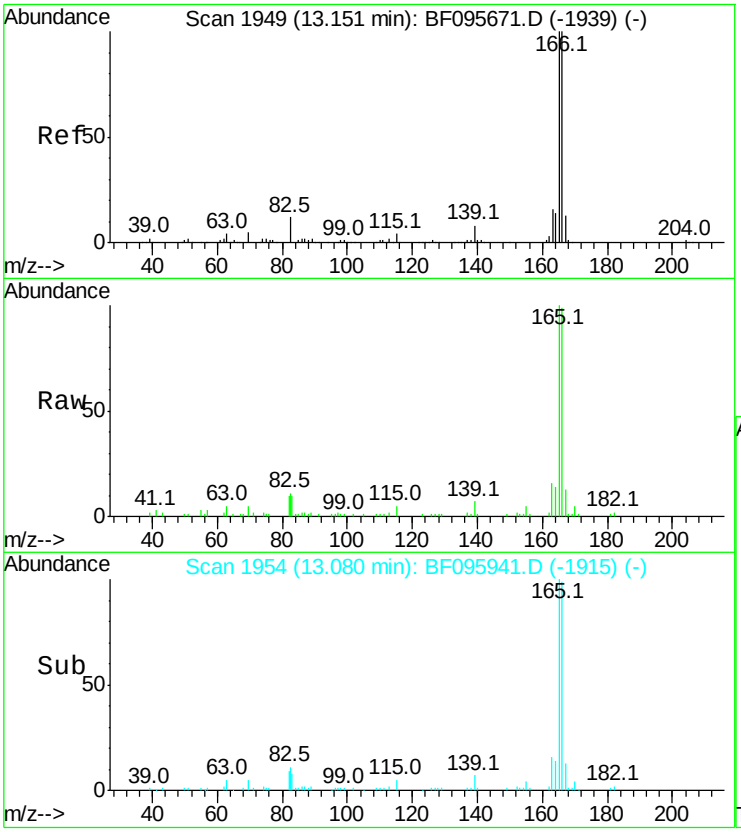


#55
4-Nitrophenol
Concen: 19.92 ng
RT: 12.53 min Scan# 1861
Delta R.T. -0.14 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:139 Resp: 20232

Ion	Ratio	Lower	Upper
139	100		
109	3.1	34.1	74.1#
65	2.2	31.4	71.4#



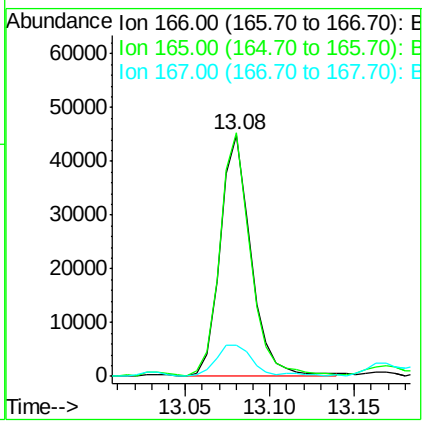


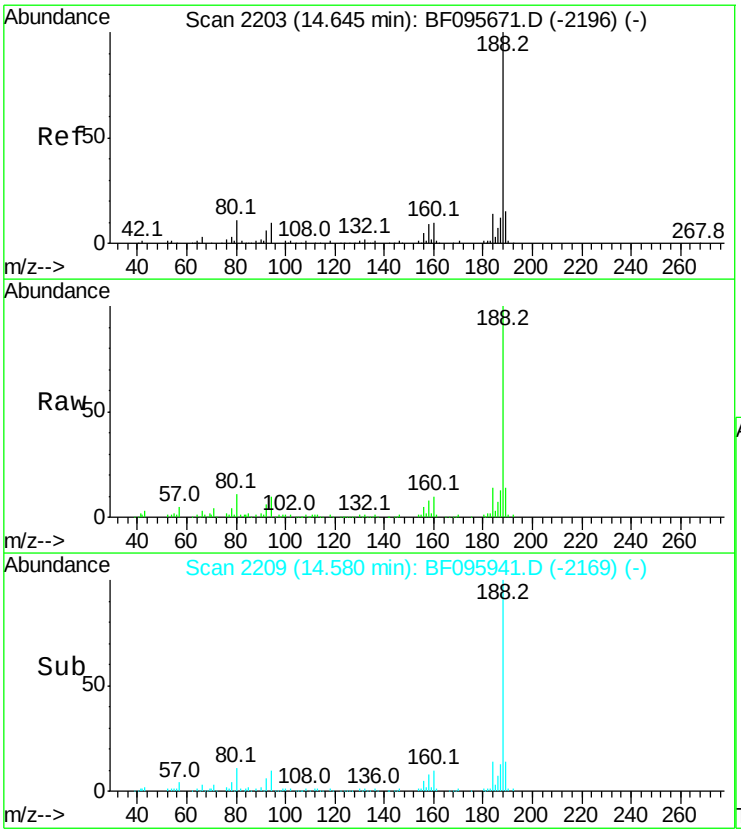
#57
Fluorene
Concen: 6.61 ng
RT: 13.08 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 56956

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.8	118.2
167	12.9	10.6	16.0

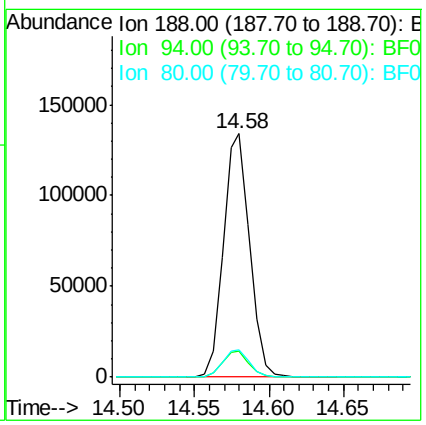


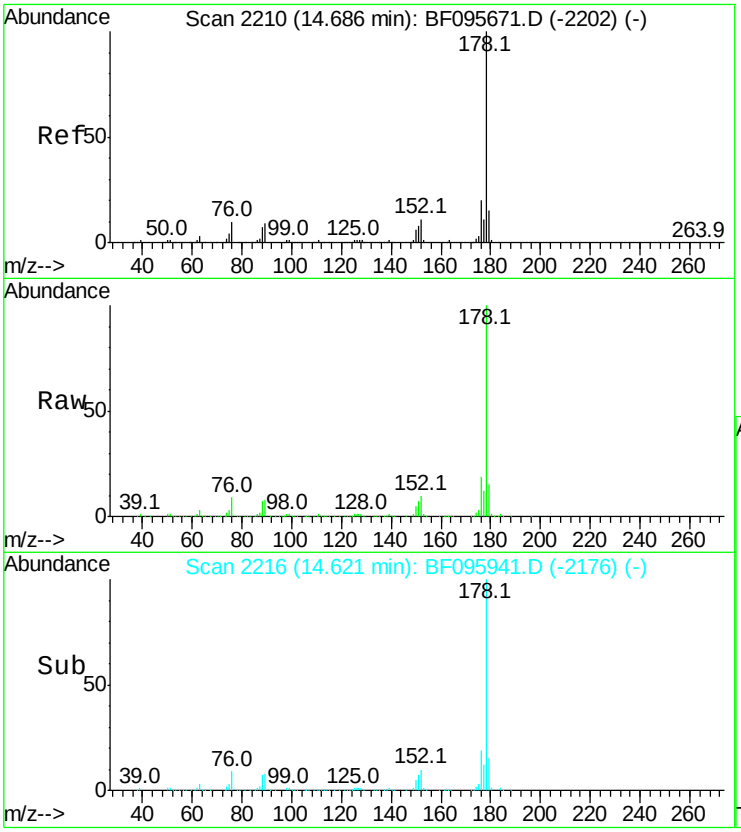


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:188 Resp: 165242

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2



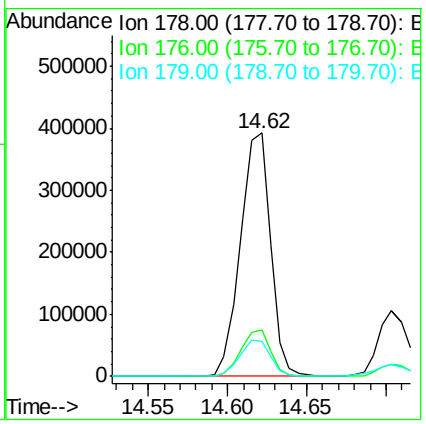


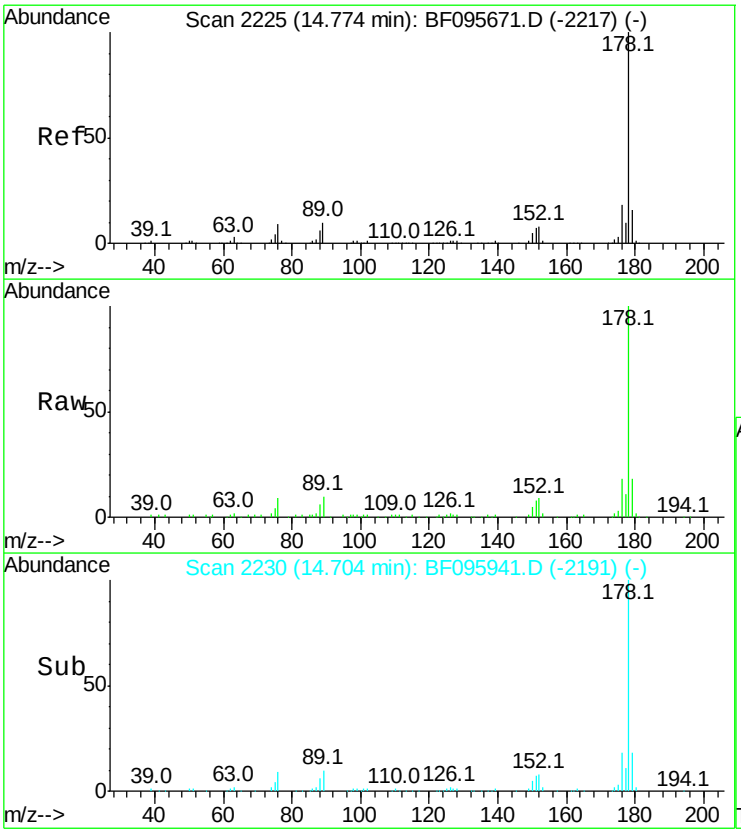
#70
Phenanthrene
Concen: 54.40 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 518676

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.6	12.6	19.0

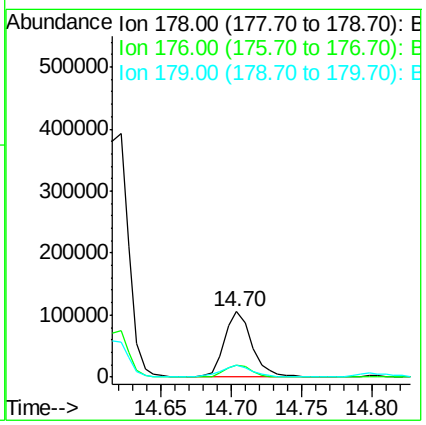


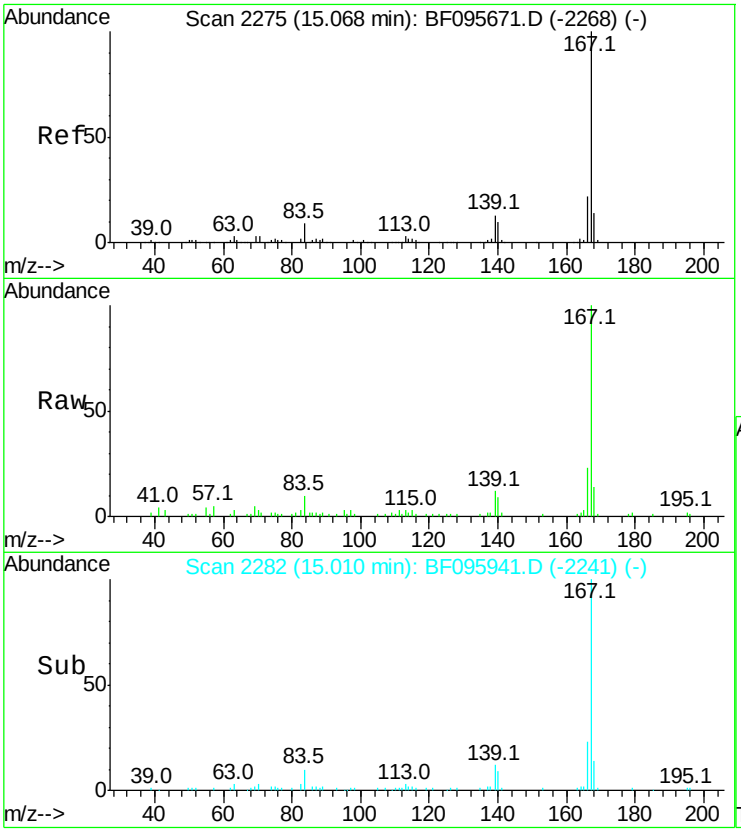


#71
Anthracene
Concen: 14.25 ng
RT: 14.70 min Scan# 2230
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:178 Resp: 141871

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	18.2	12.7	19.1



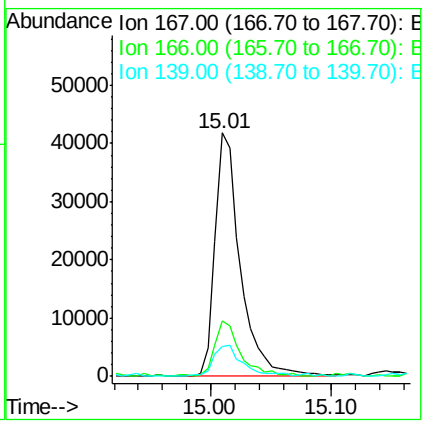


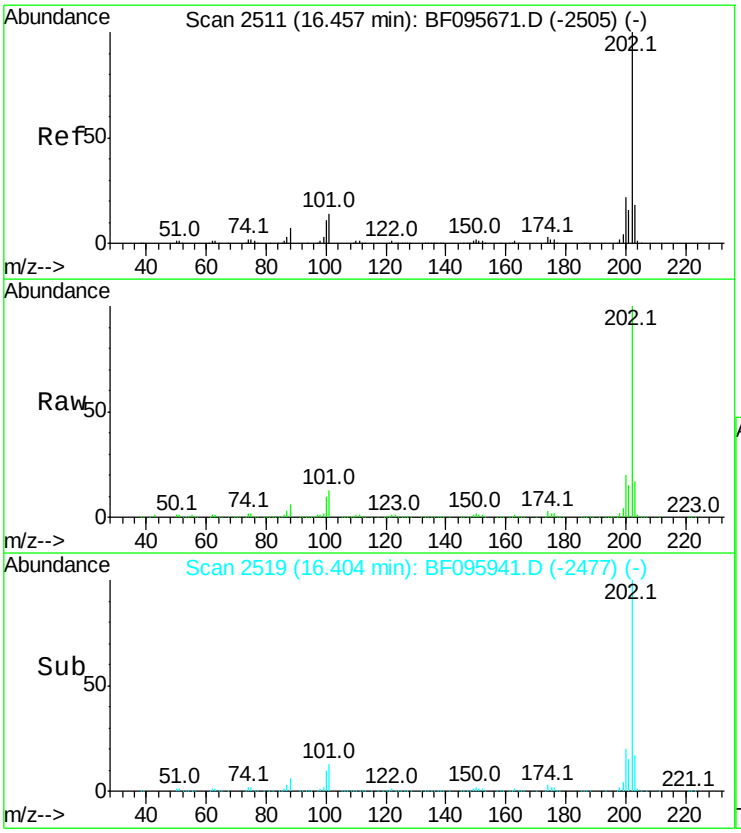
#72
Carbazole
Concen: 6.24 ng
RT: 15.01 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 60503

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	12.4	11.7	17.5

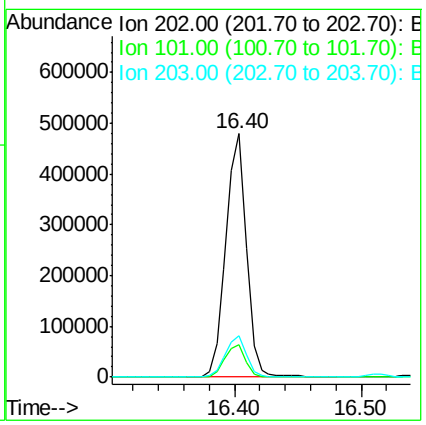


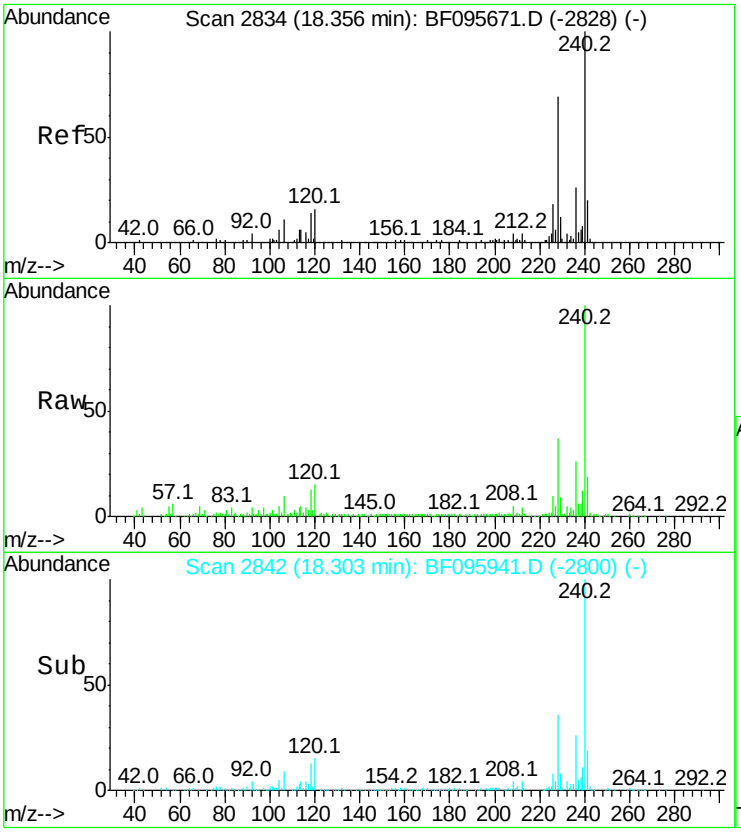


#74
Fluoranthene
Concen: 57.04 ng
RT: 16.40 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:202 Resp: 538287

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.3	0.0	38.1



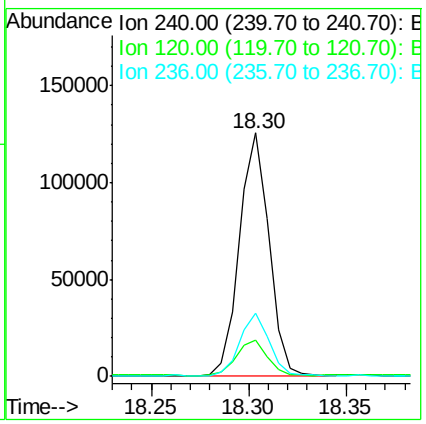


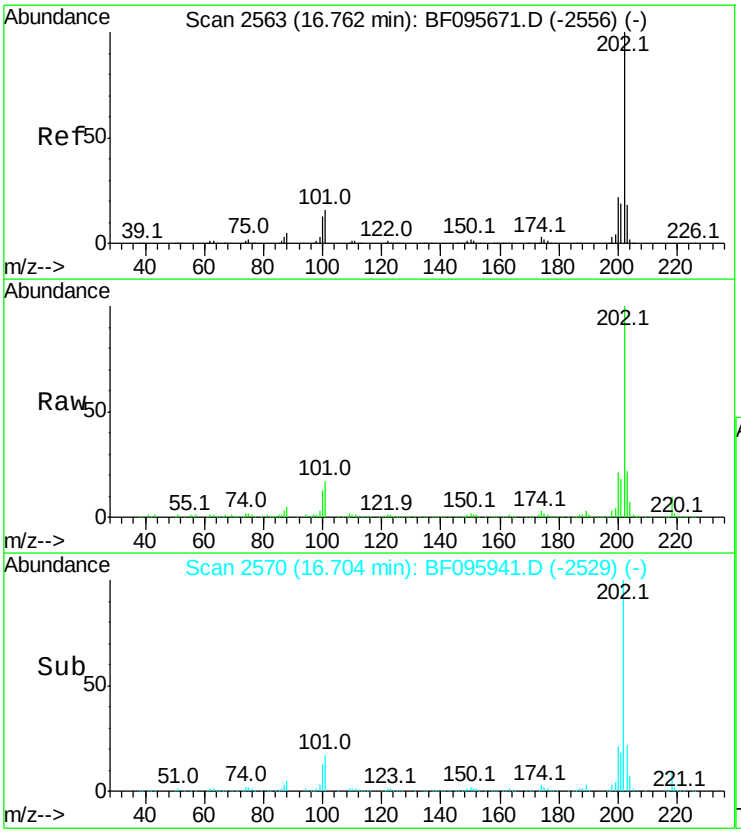
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 132955

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.0	20.5	30.7

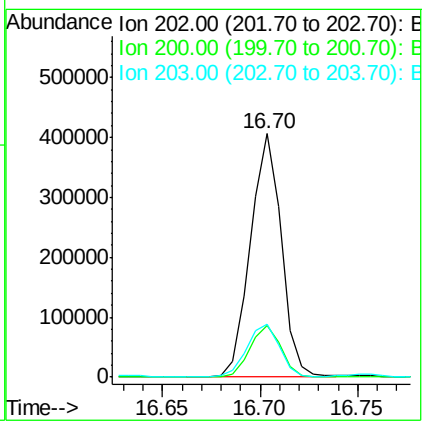


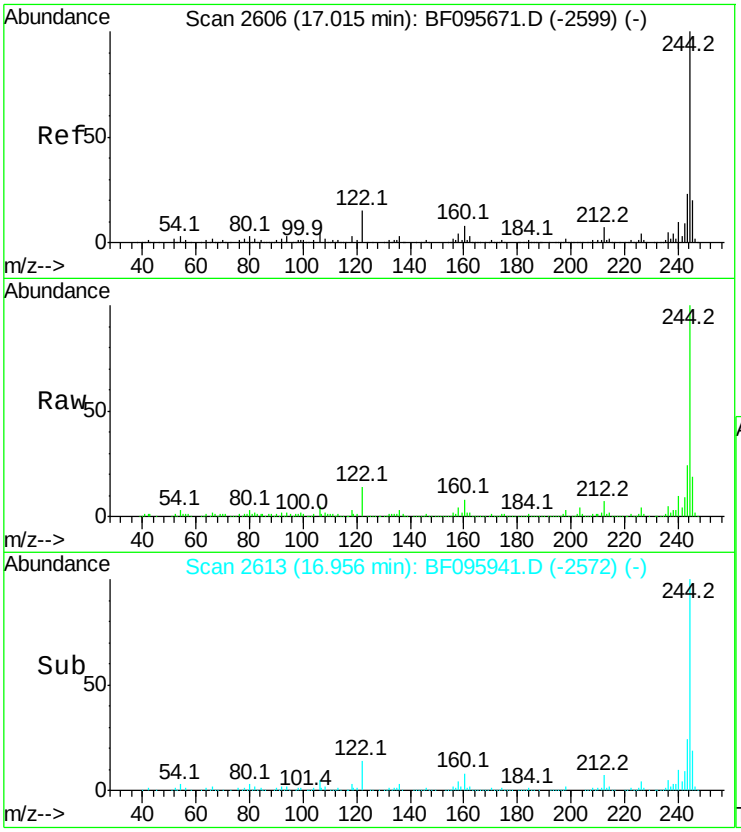


#77
Pyrene
Concen: 44.74 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:202 Resp: 443830

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	21.7	14.4	21.6#



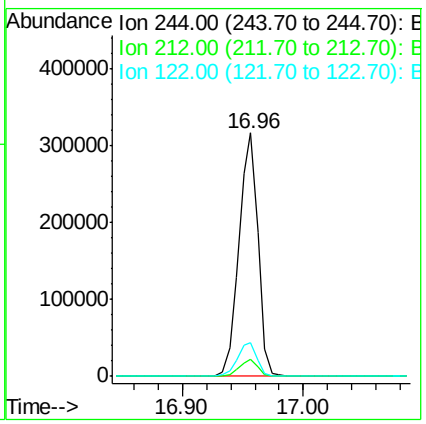


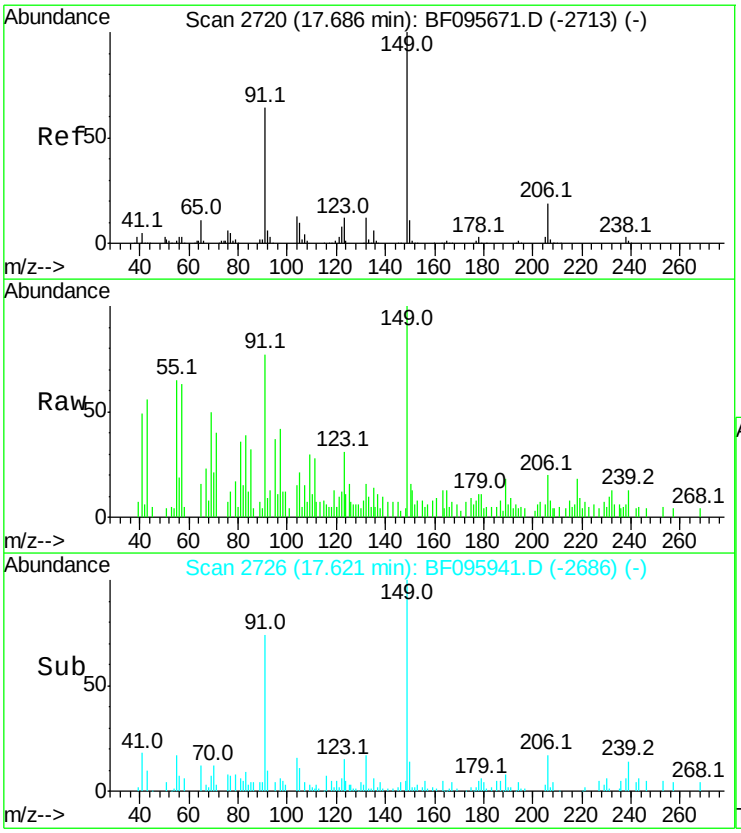
#78
Terphenyl-d14
Concen: 64.77 ng
RT: 16.96 min Scan# 2613
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 346973

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.0	10.3	15.5

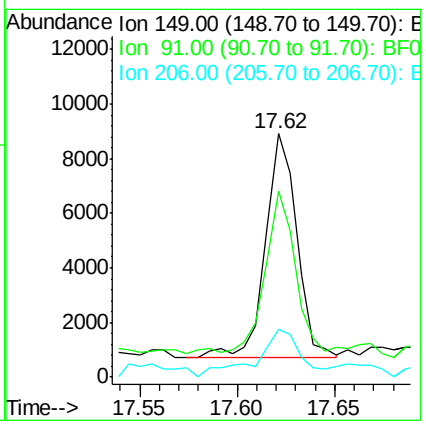


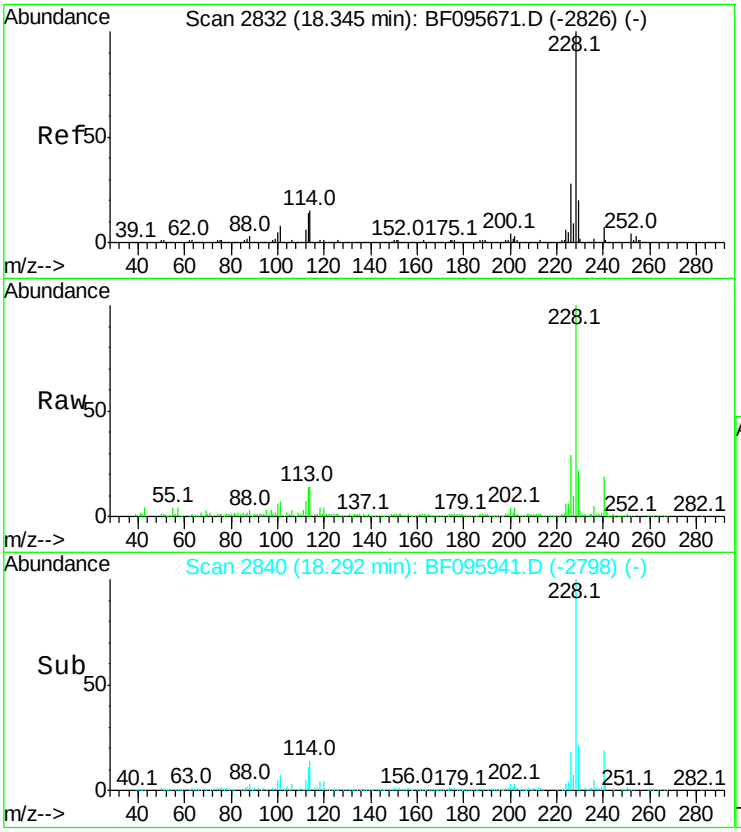


#79
Butylbenzylphthalate
Concen: 2.11 ng
RT: 17.62 min Scan# 2726
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:149 Resp: 9138

Ion	Ratio	Lower	Upper
149	100		
91	76.6	45.0	67.4#
206	19.7	17.0	25.6



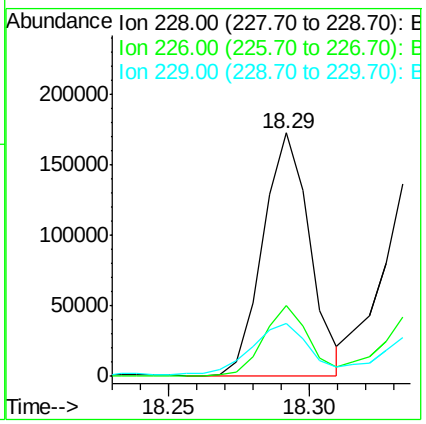


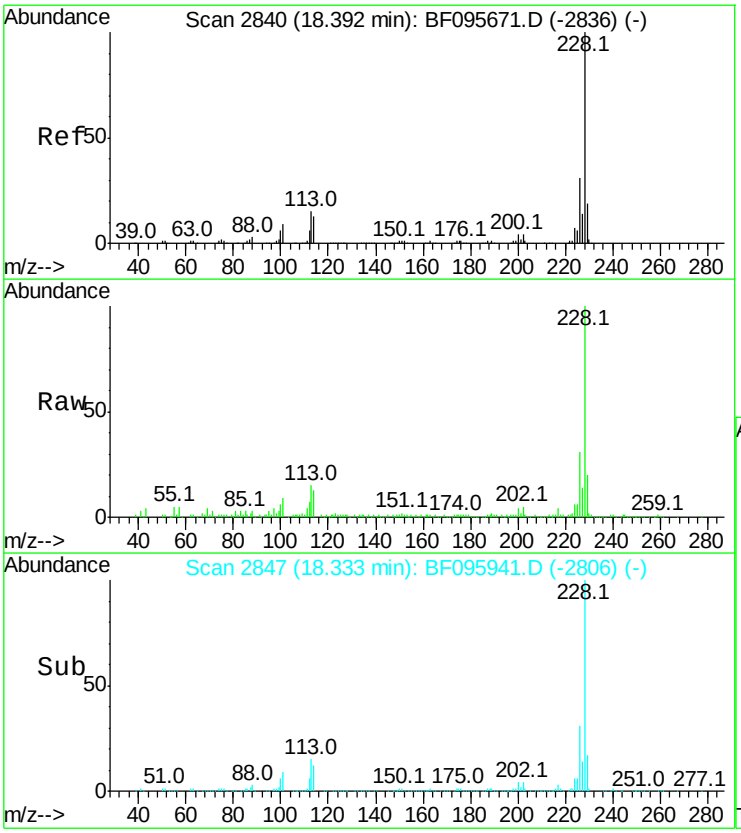
#80
Benzo(a)anthracene
Concen: 25.49 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 197067

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.8	16.3	24.5

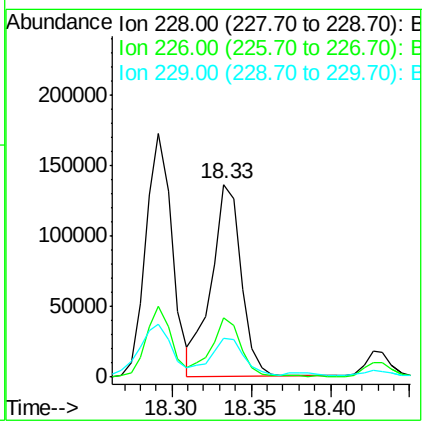


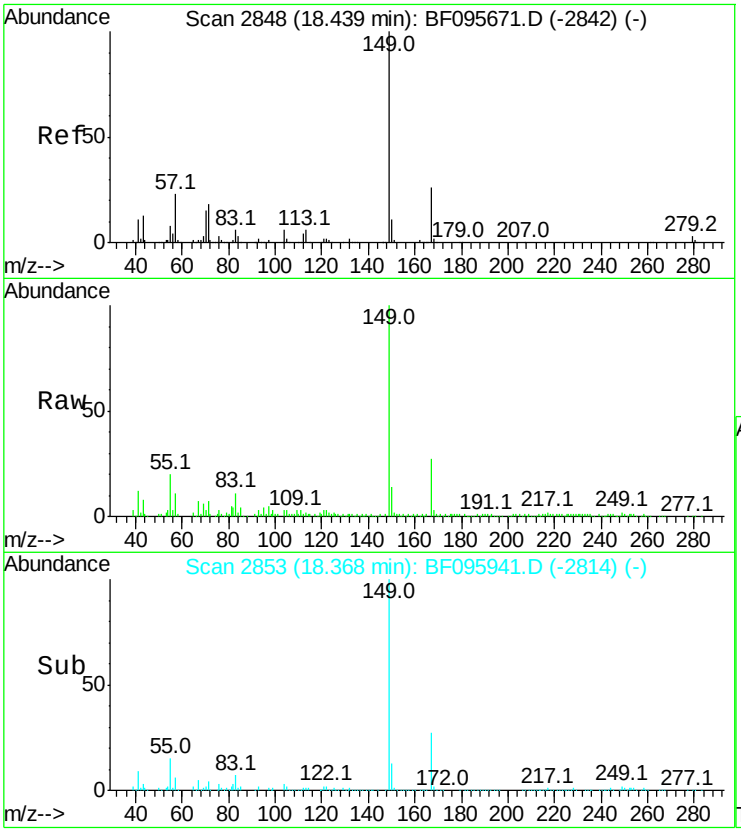


#82
Chrysene
Concen: 23.11 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.06 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:228 Resp: 178490

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.3	15.8	23.6



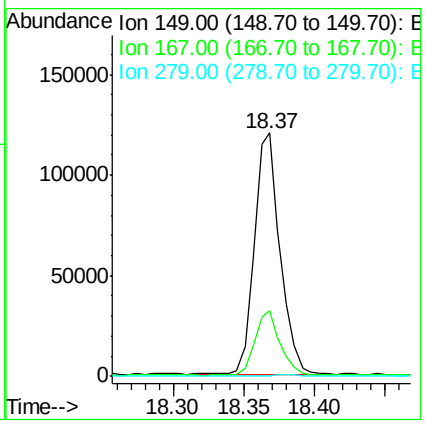


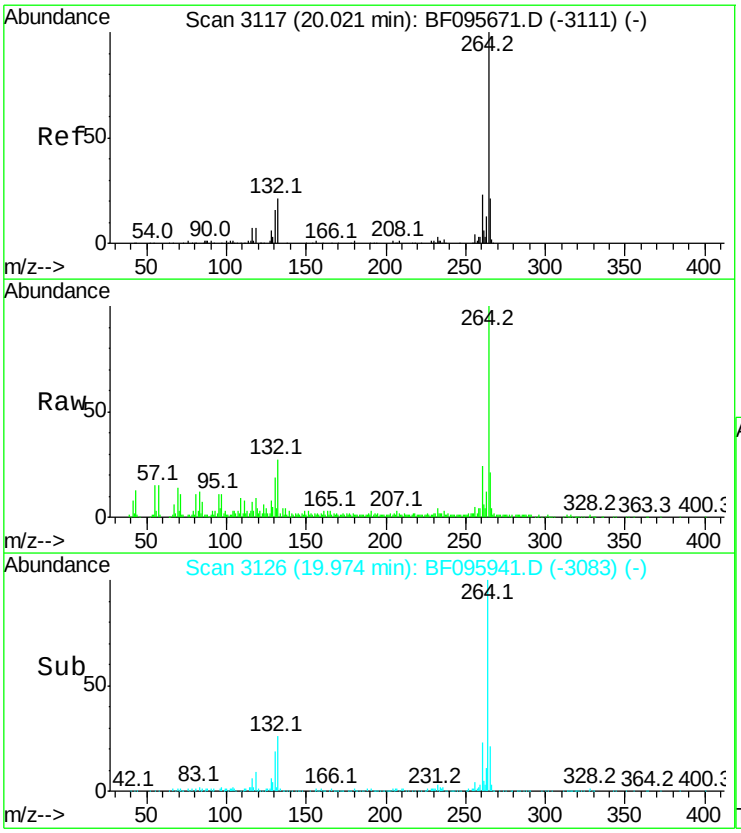
#83
Bis(2-ethylhexyl)phthalate
Concen: 25.12 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 153547

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	0.4	1.9	2.9#

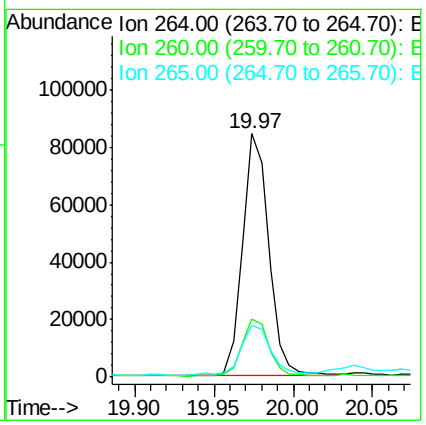


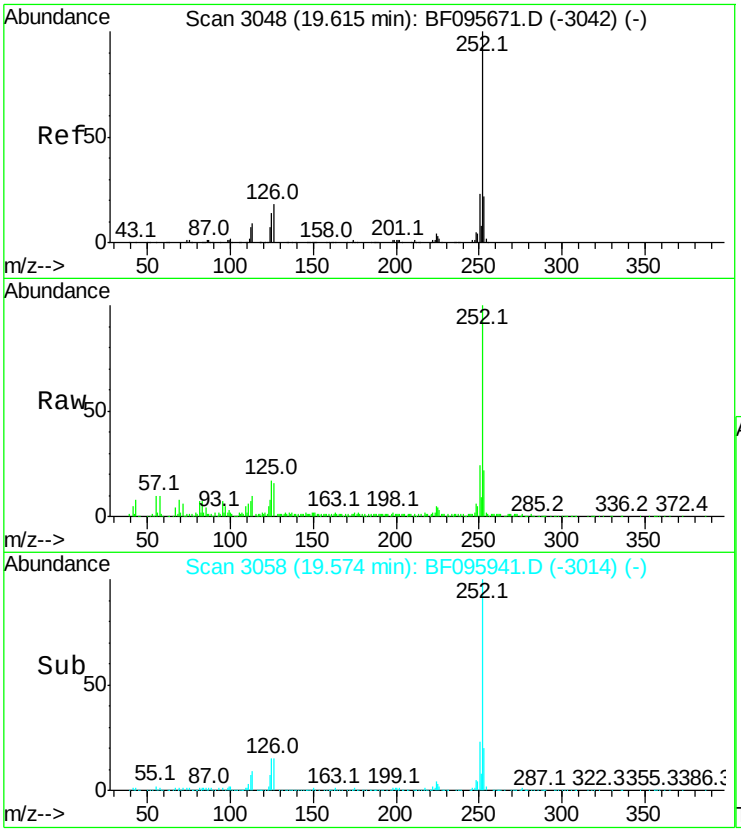


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:264 Resp: 96484

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.2	25.8



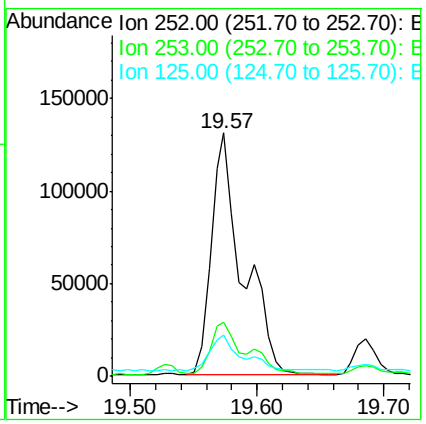


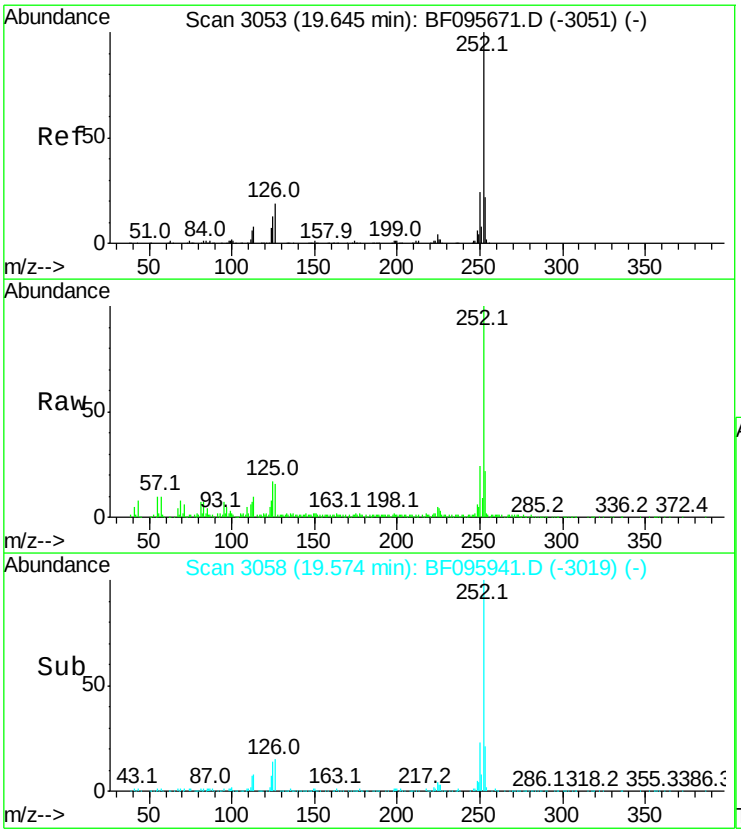
#87
Benzo(b)fluoranthene
Concen: 37.27 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.04 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 225141

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	16.7	9.8	14.8#

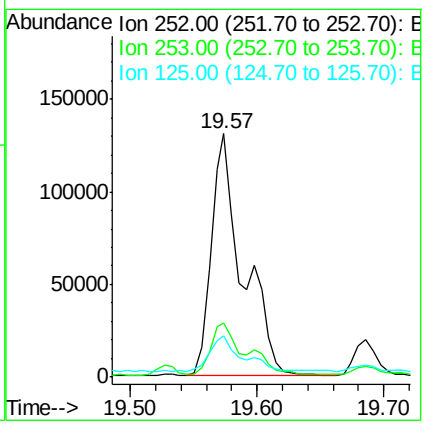


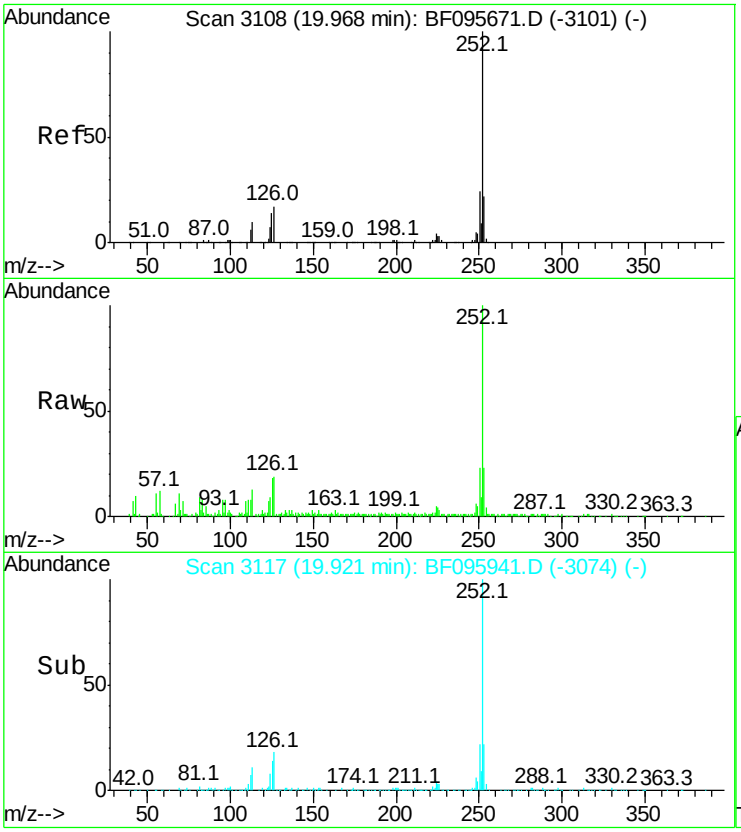


#88
Benzo(k)fluoranthene
Concen: 38.99 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.07 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:252 Resp: 225141

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	16.7	13.1	19.7



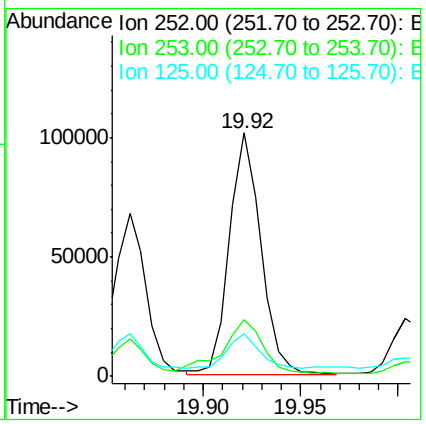


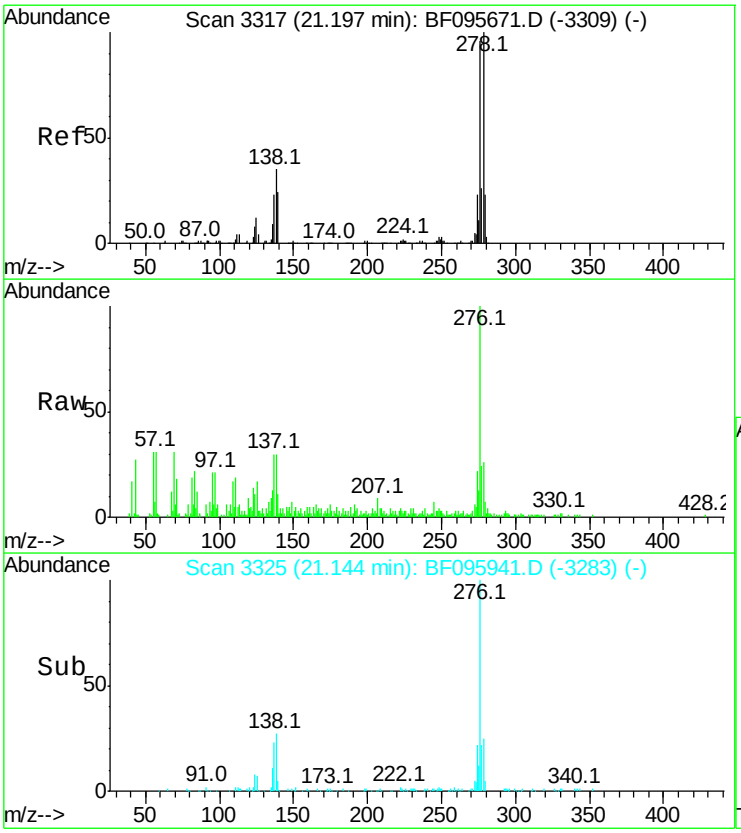
#89
Benzo(a)pyrene
Concen: 20.59 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114334

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	17.6	11.0	16.4#

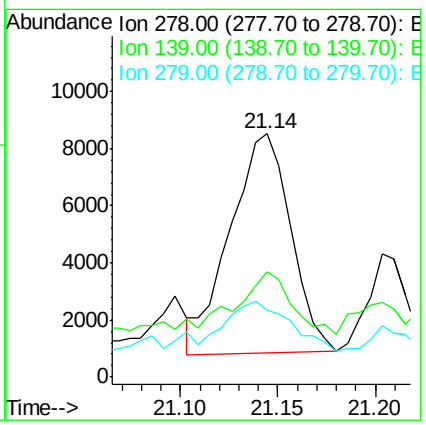


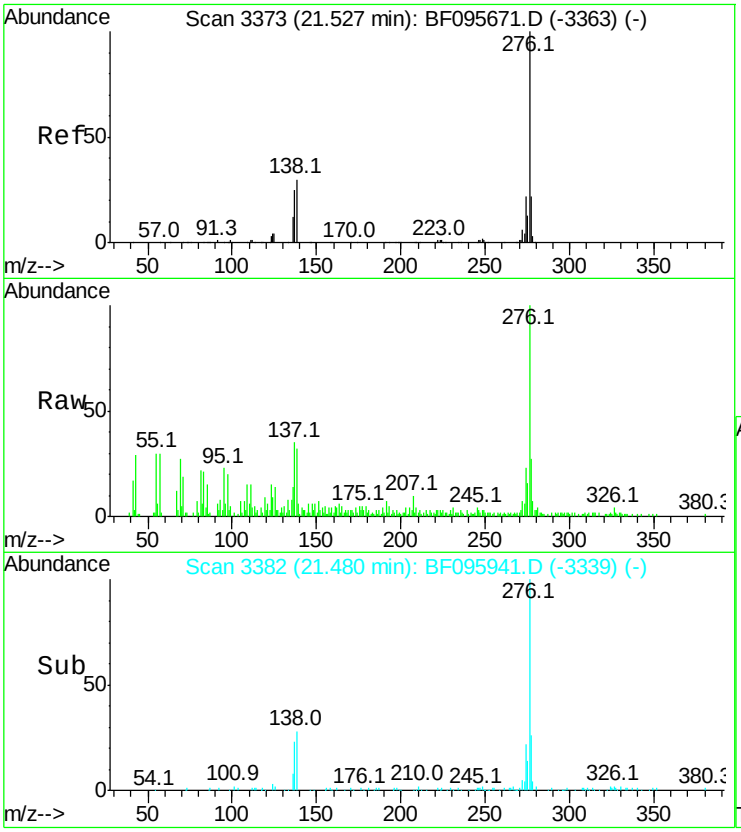


#90
Dibenzo(a,h)anthracene
Concen: 3.52 ng
RT: 21.14 min Scan# 3325
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Tgt Ion:278 Resp: 16566

Ion	Ratio	Lower	Upper
278	100		
139	43.2	16.6	24.8#
279	27.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 11.07 ng
RT: 21.48 min Scan# 3382
Delta R.T. -0.05 min
Lab File: BF095941.D
Acq: 15 Jun 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53181

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.6	28.0
138	32.3	25.4	38.0