Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 04:15:13 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	7.35	152	72275	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	277788	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	112760	20.00	ng		-0.06
63) Phenanthrene-d10	14.60	188	170170	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	136692	20.00	ng		-0.04
86) Perylene-d12	19.99	264	107560	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	537470	118.50	ng		-0.04
7) Phenol-d6	6.92	99	659225	121.40	ng		-0.04
23) Nitrobenzene-d5	8.27	82	370891	82.92	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	103558	103.80	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	642879	79.34	ng		-0.05
78) Terphenyl-d14	16.97	244	400332	72.68	ng		-0.04
Target Compounds							Qvalue
10) Phenol	6.93	94	15262	2.71	ng	#	59
19) n-Nitroso-di-n-propylamine	8.27	70	46279	13.45	ng	#	74
31) Naphthalene	9.42	128	84889	6.09	ng		100
49) Dimethylphthalate	11.86	163	115815	13.53	ng		99
51) Acenaphthene	12.25	154	20674	2.88	ng		99
54) Dibenzofuran	12.55	168	24079	2.39	ng		95
55) 4-Nitrophenol	12.55	139	8514	10.94	ng	#	25
57) Fluorene	13.10	166	31689	3.61	ng		92
70) Phenanthrene	14.63	178	408358	41.59	ng		98
71) Anthracene	14.72	178	136866	13.35	ng		97
72) Carbazole	15.03	167	26281	2.63	ng		97
74) Fluoranthene	16.43	202	739861	76.13	ng		99
77) Pyrene	16.73	202	625489	61.33	ng		97
80) Benzo(a)anthracene	18.32	228	375910	47.30	ng		99
82) Chrysene	18.36	228	318805	40.14	ng		98
85) Indeno(1,2,3-cd)pyrene	21.16	276	145599	21.43	ng		92
87) Benzo(b)fluoranthene	19.59	252	480320	71.32	ng	#	97
88) Benzo(k)fluoranthene	19.59	252	480320	74.61	ng		98
89) Benzo(a)pyrene	19.94	252	265772	42.93	ng		97
90) Dibenzo(a,h)anthracene	21.01	278	26267	5.00	ng		94
91) Benzo(g,h,i)perylene	21.50	276	135055	25.23	ng		96

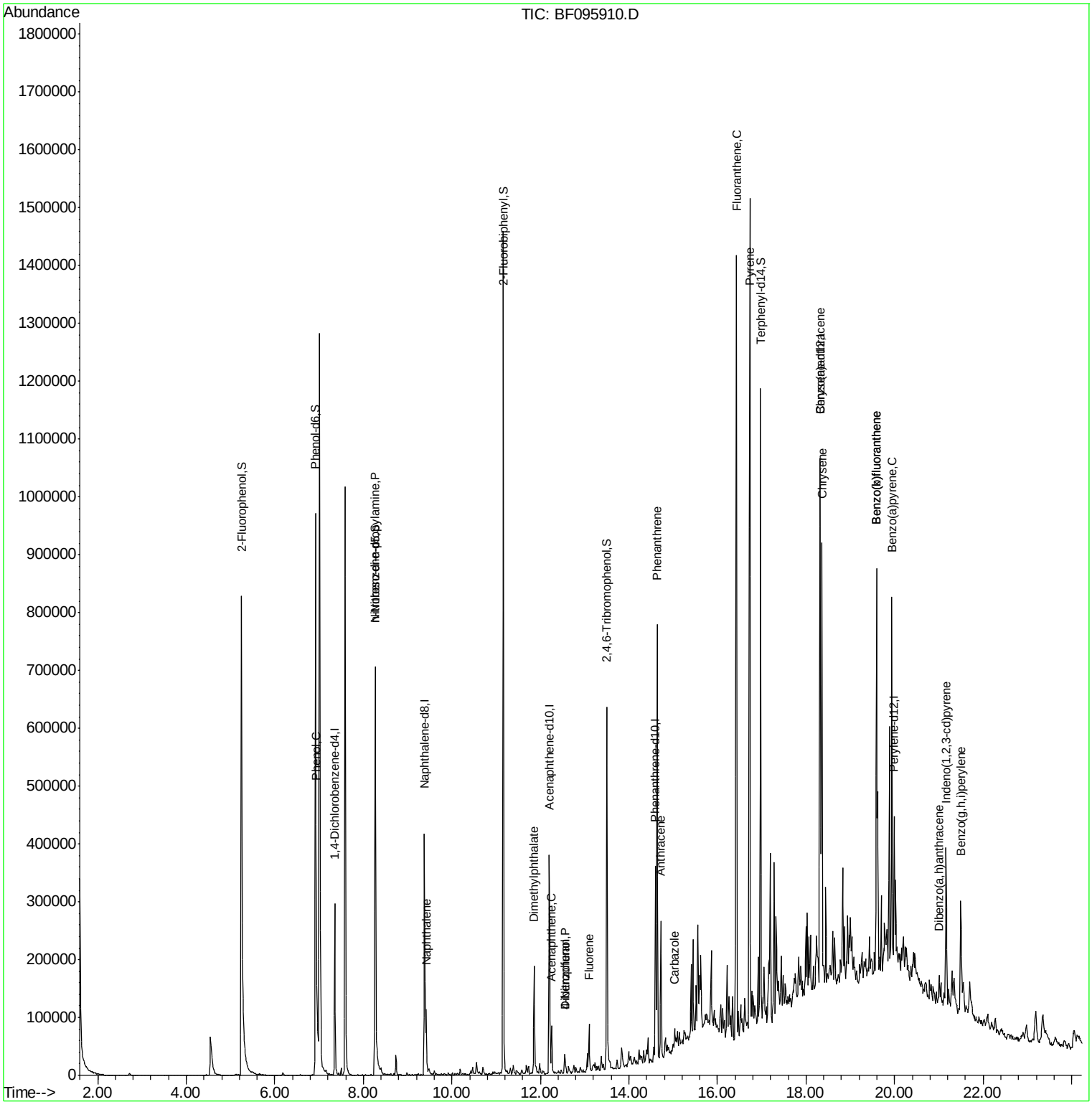
(#) = qualifier out of range (m) = manual integration (+) = signals summed

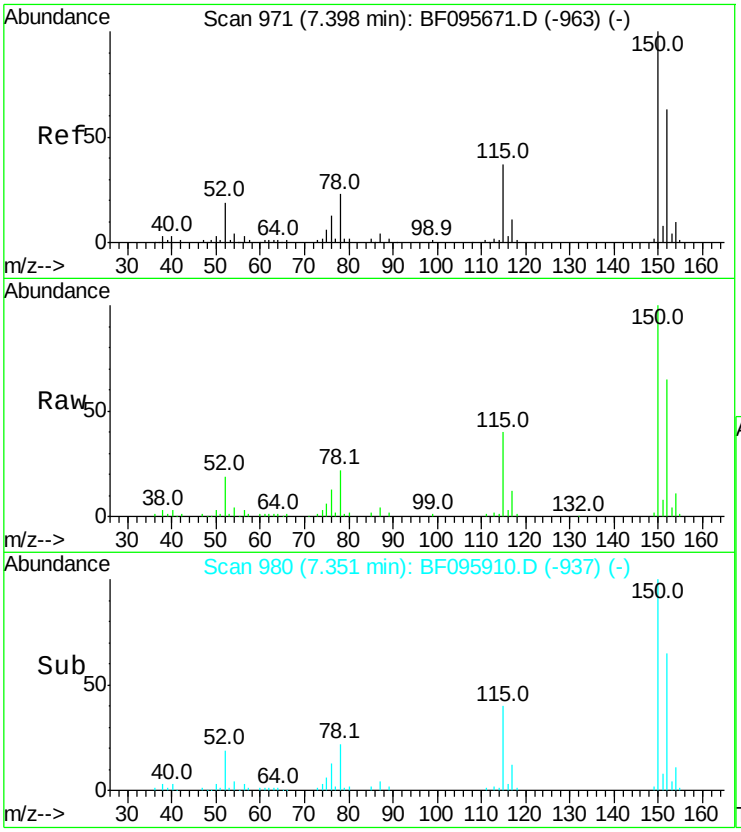
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 04:15:13 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



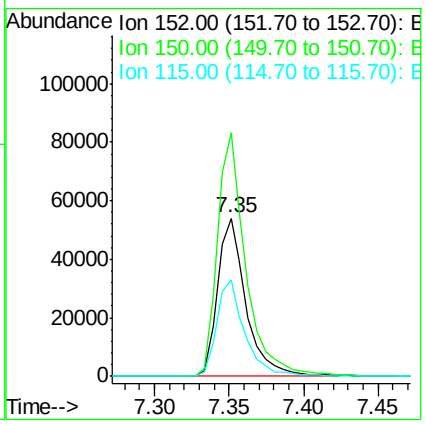


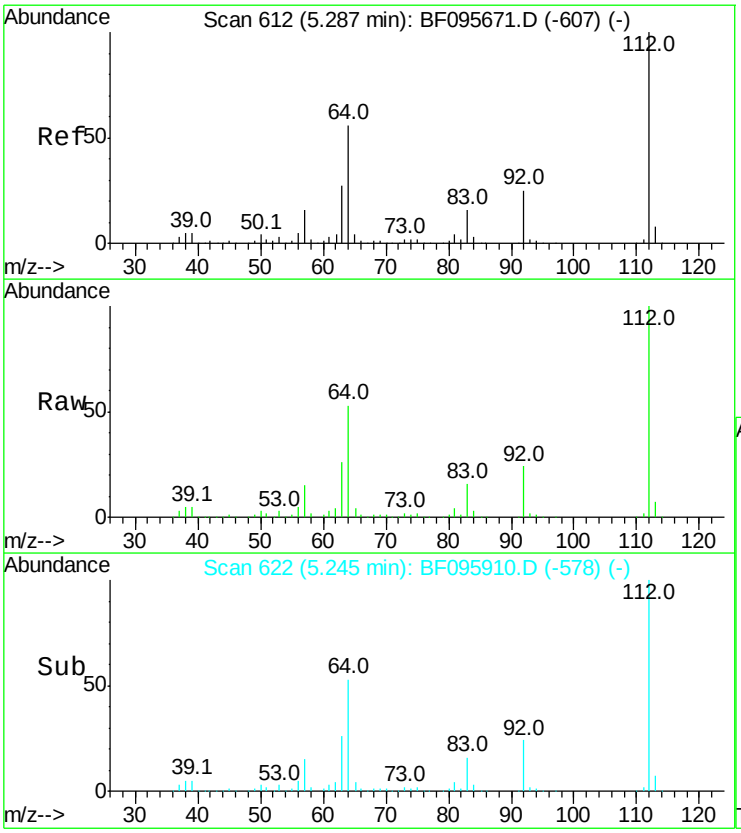
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72275

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	60.9	52.2	78.2

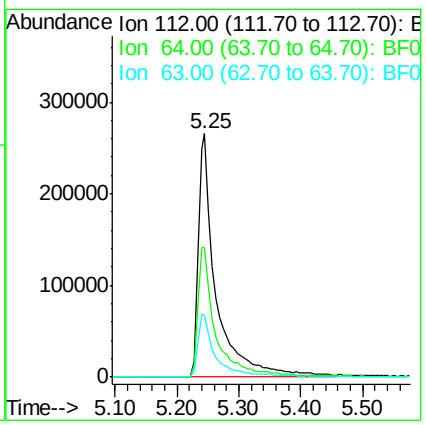


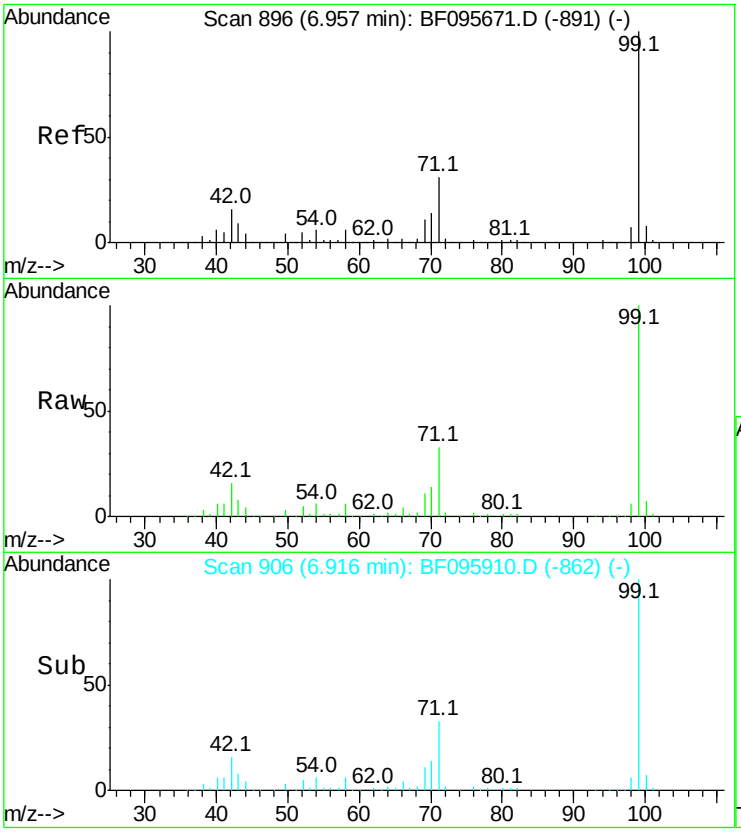


#5
2-Fluorophenol
Concen: 118.50 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:112 Resp: 537470

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.5	23.4	35.0



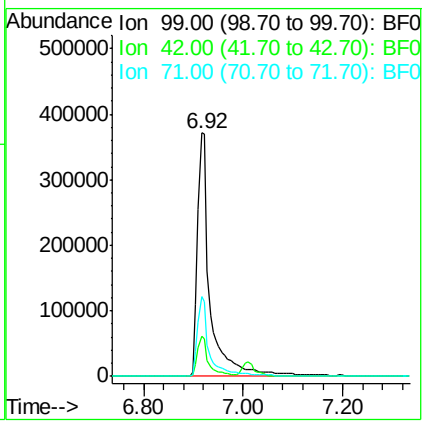


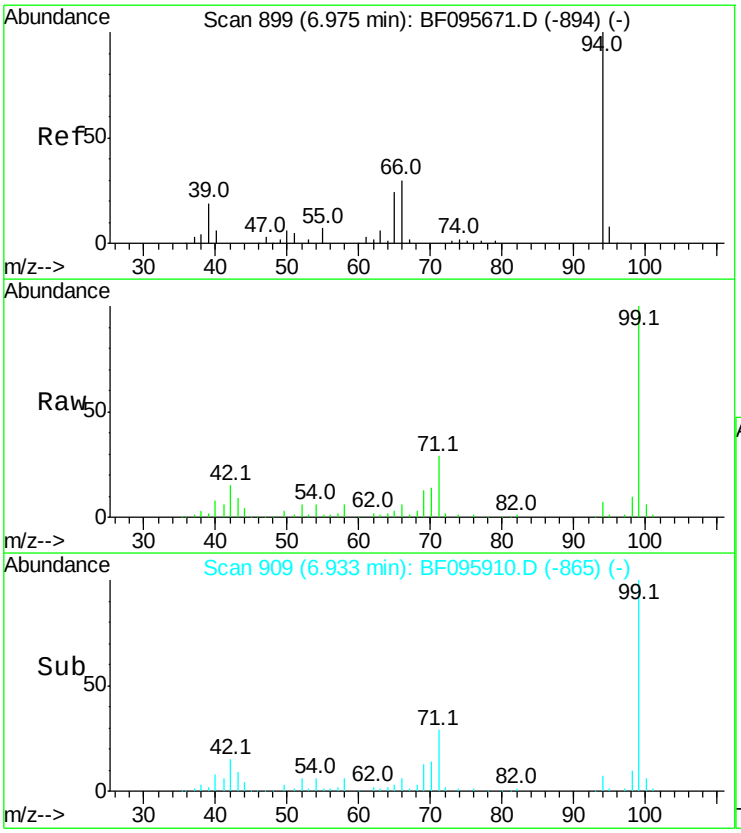
#7
Phenol-d6
Concen: 121.40 ng
RT: 6.92 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 659225

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.5	24.5	36.7

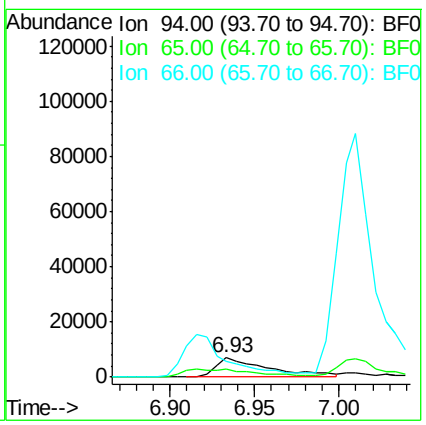


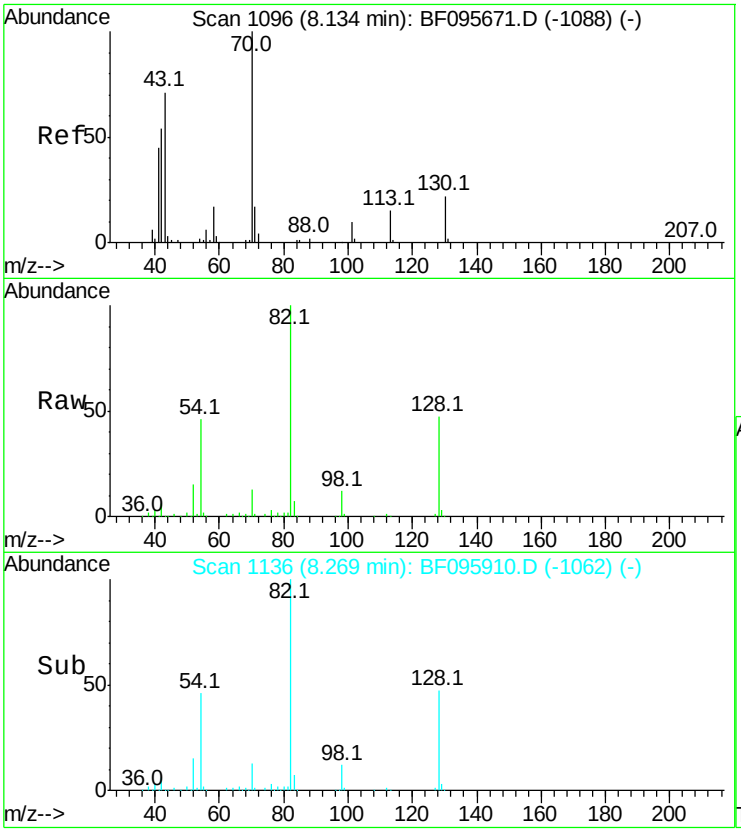


#10
Phenol
Concen: 2.71 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion: 94 Resp: 15262

Ion	Ratio	Lower	Upper
94	100		
65	39.7	9.9	49.9
66	80.0	23.1	63.1#



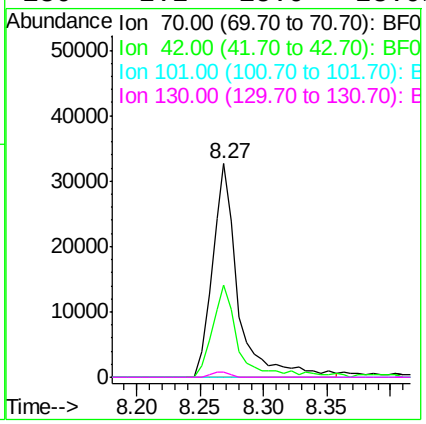


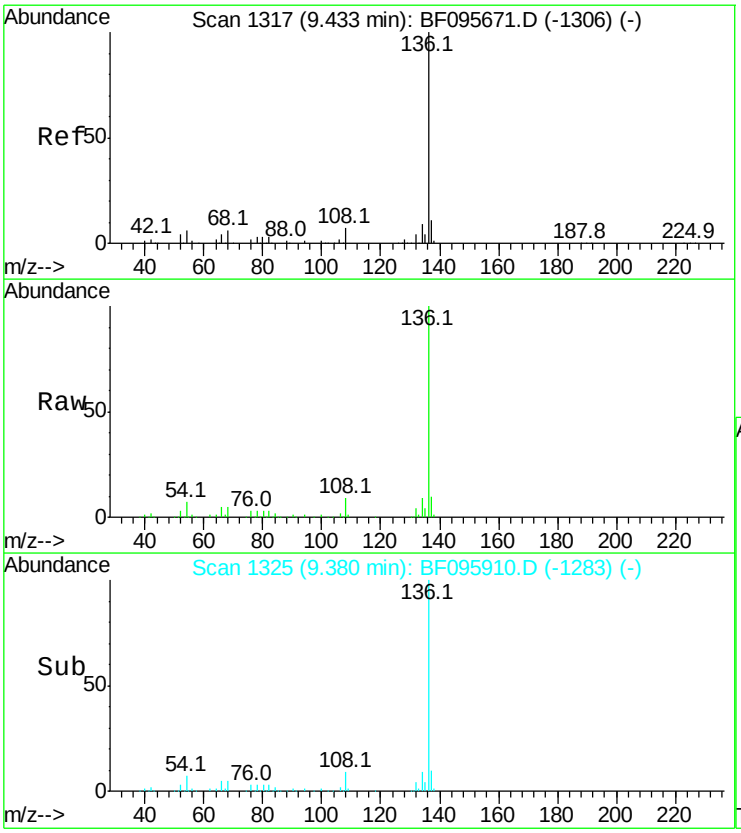
#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 8.27 min Scan# 1136
Delta R.T. 0.14 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46279

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

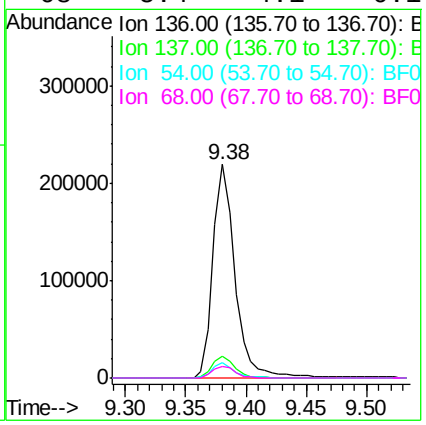


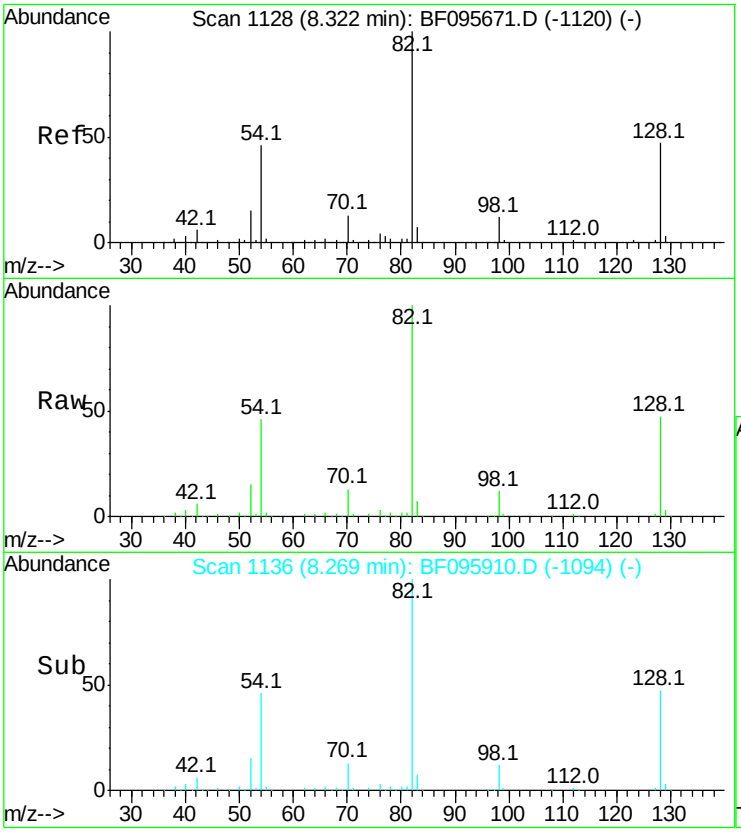


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:136 Resp: 277788

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.0	4.9	7.3
68	5.4	4.1	6.1



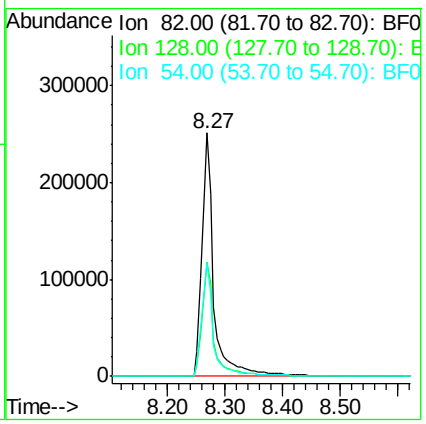


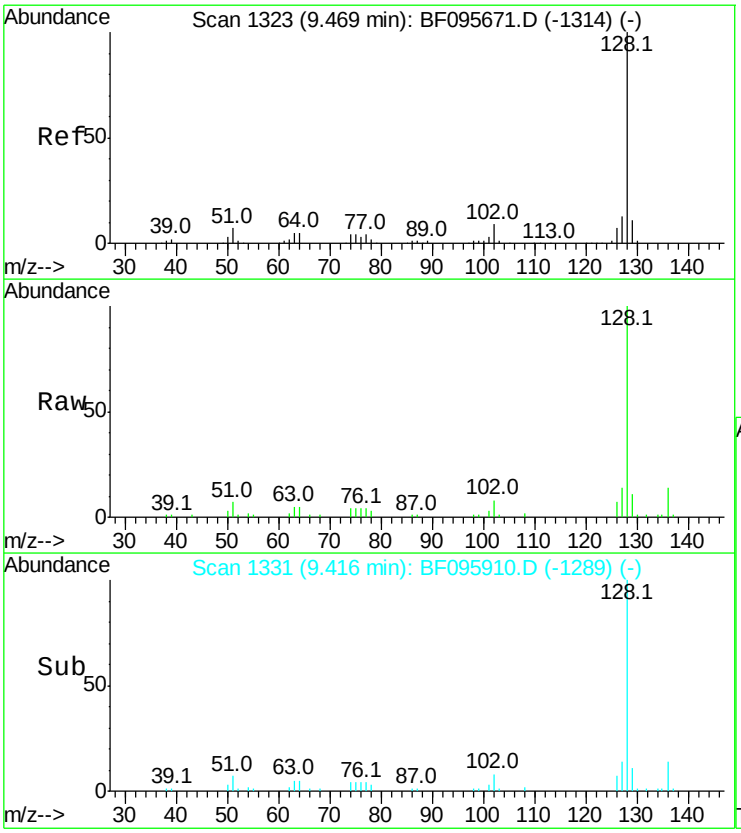
#23
Nitrobenzene-d5
Concen: 82.92 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 370891

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	46.2	42.2	63.2

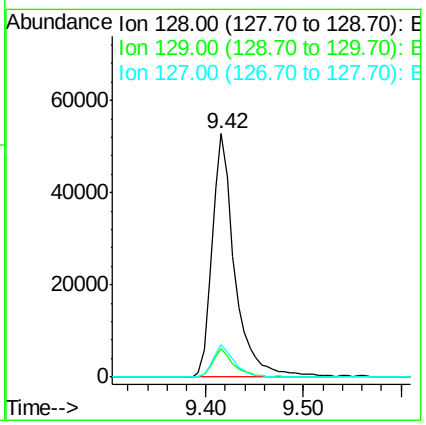


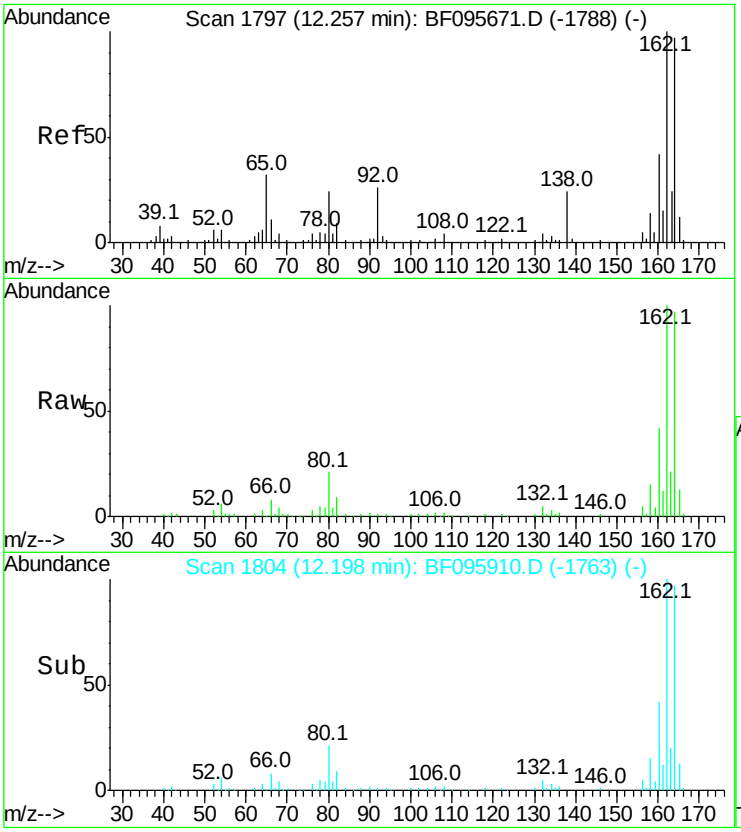


#31
Naphthalene
Concen: 6.09 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:128 Resp: 84889

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	10.8	16.2



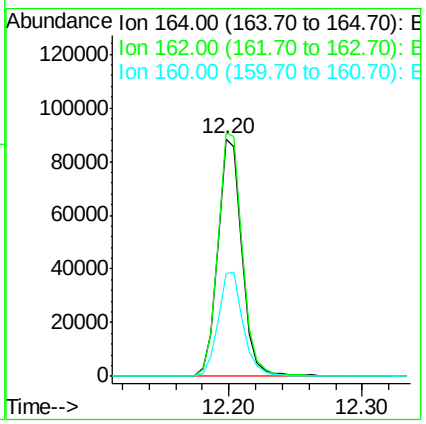


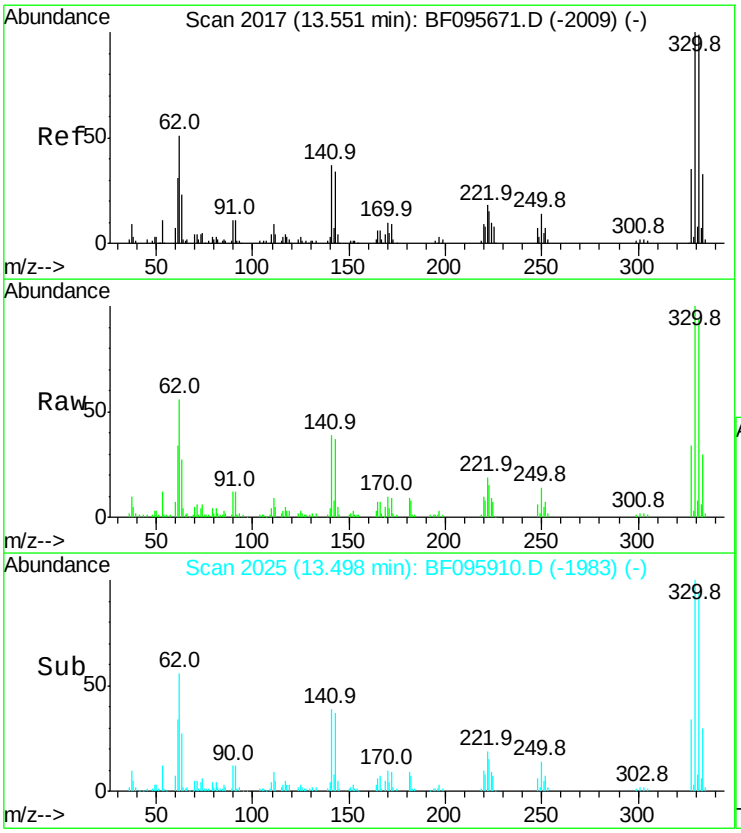
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 112760

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	43.4	36.2	54.2

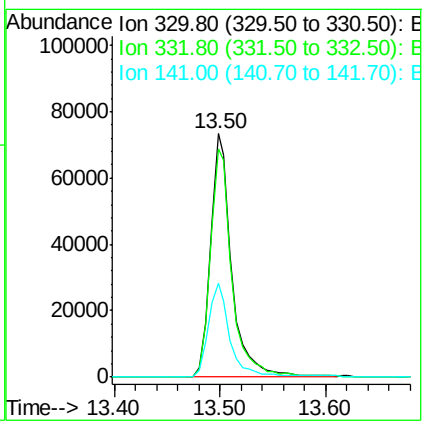


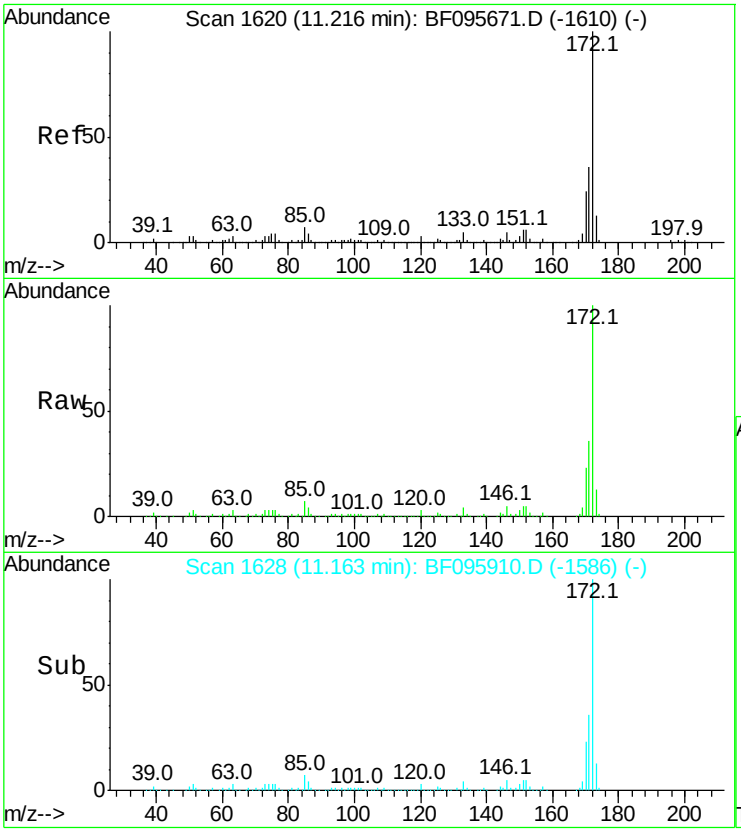


#41
2,4,6-Tribromophenol
Concen: 103.80 ng
RT: 13.50 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:330 Resp: 103558

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.9	31.4	47.2



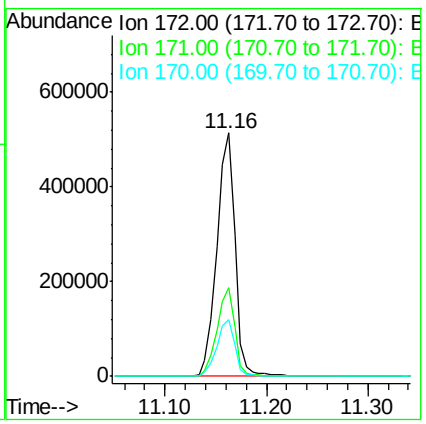


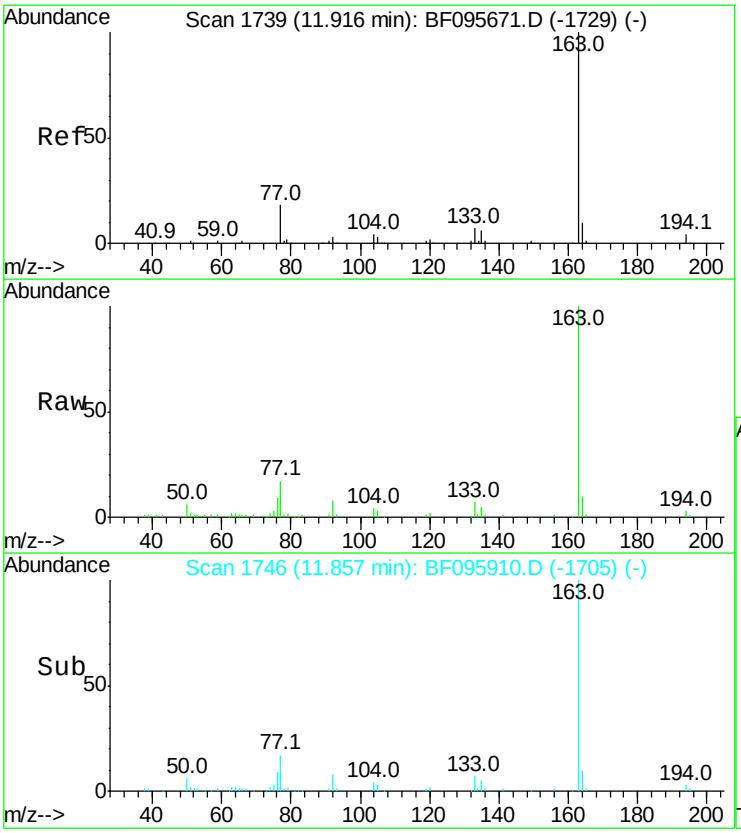
#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 642879

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	19.8	29.8

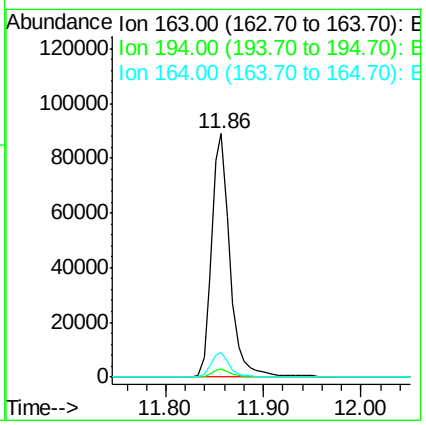


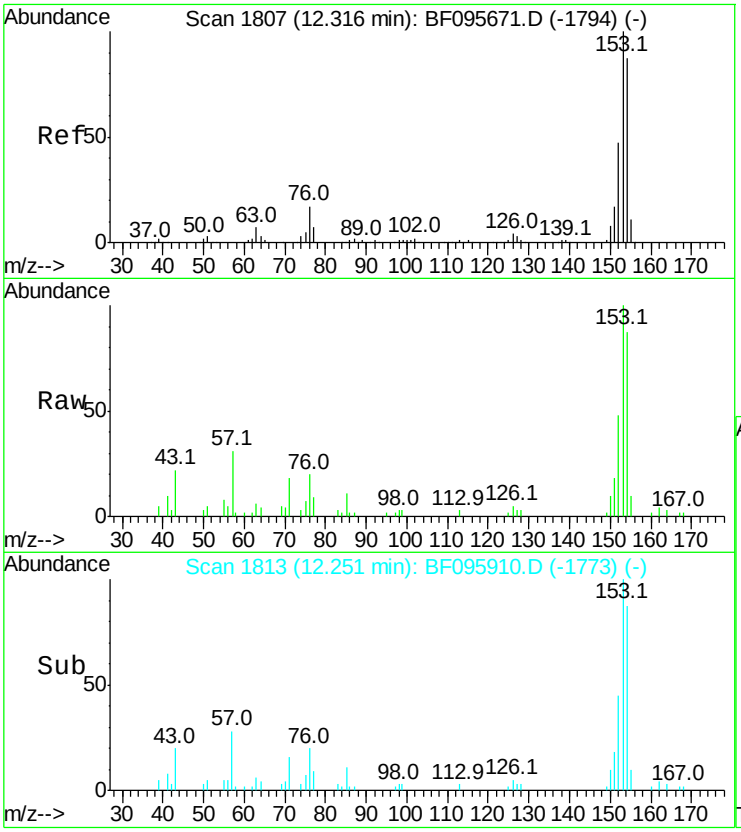


#49
Dimethylphthalate
Concen: 13.53 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:163 Resp: 115815

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



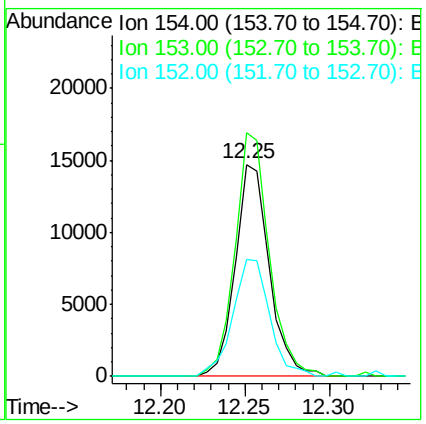


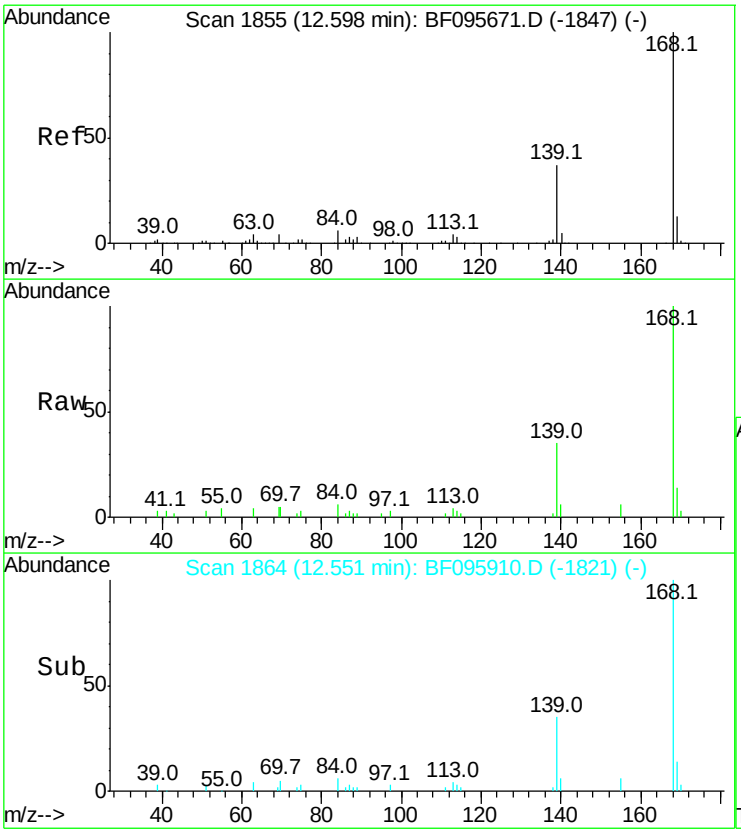
#51
Acenaphthene
Concen: 2.88 ng
RT: 12.25 min Scan# 1813
Delta R.T. -0.06 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 20674

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	54.8	43.6	65.4

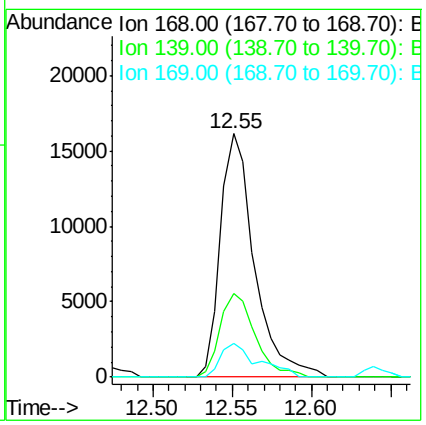


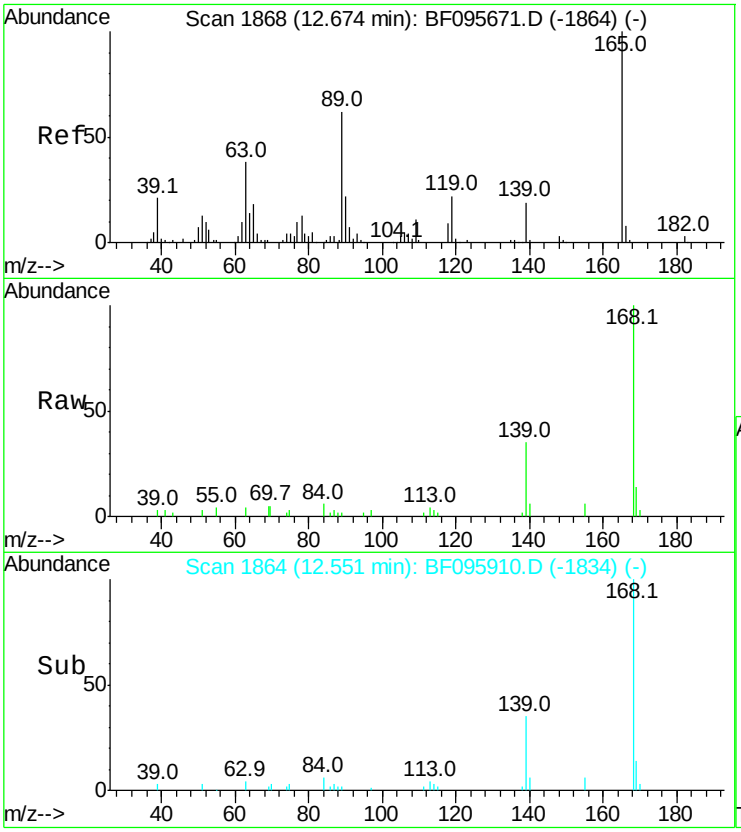


#54
Dibenzofuran
Concen: 2.39 ng
RT: 12.55 min Scan# 1864
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:168 Resp: 24079

Ion	Ratio	Lower	Upper
168	100		
139	34.5	30.6	45.8
169	13.7	10.8	16.2



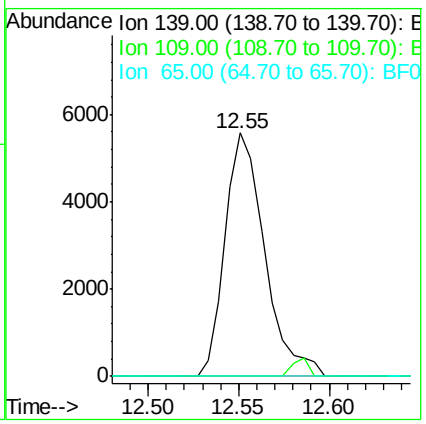


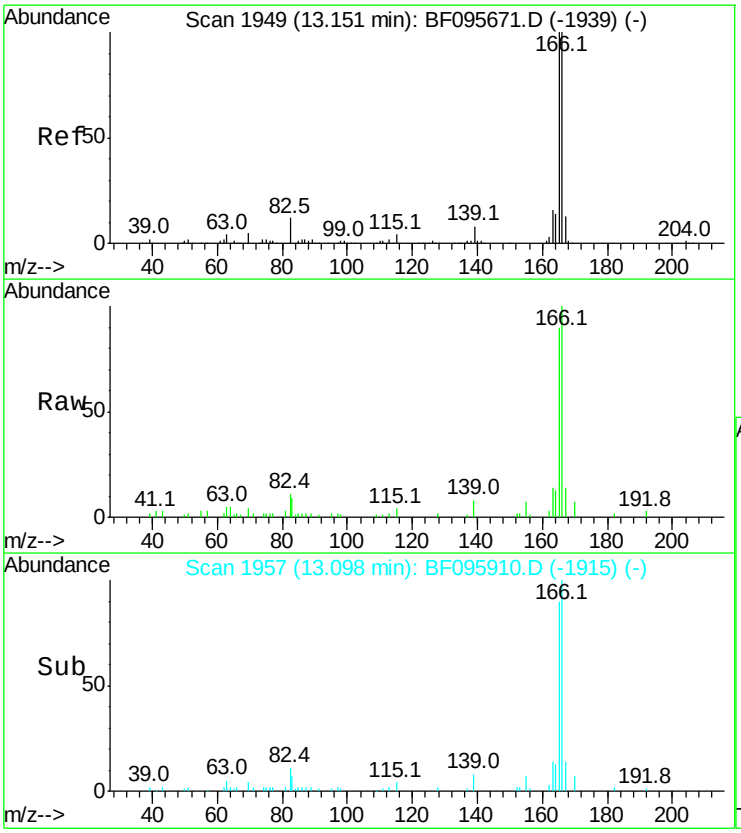
#55
4-Nitrophenol
Concen: 10.94 ng
RT: 12.55 min Scan# 1864
Delta R.T. -0.12 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8514

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

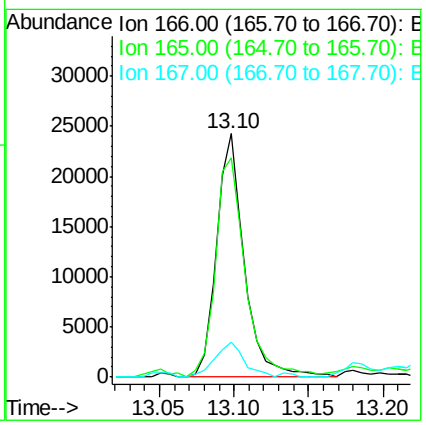


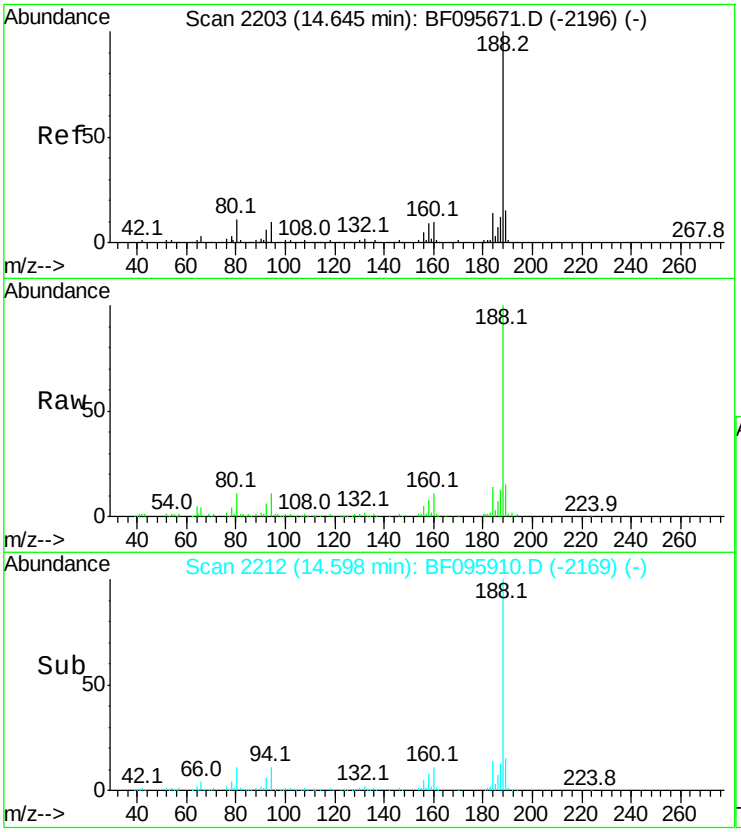


#57
Fluorene
Concen: 3.61 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:166 Resp: 31689

Ion	Ratio	Lower	Upper
166	100		
165	90.2	78.8	118.2
167	14.4	10.6	16.0



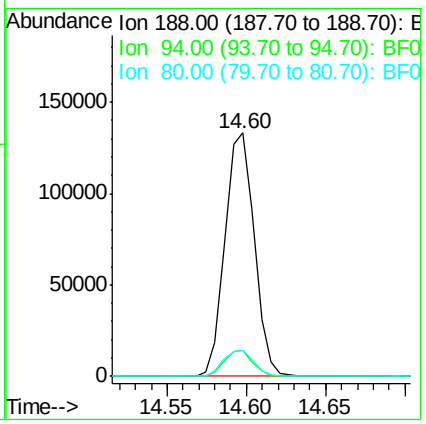


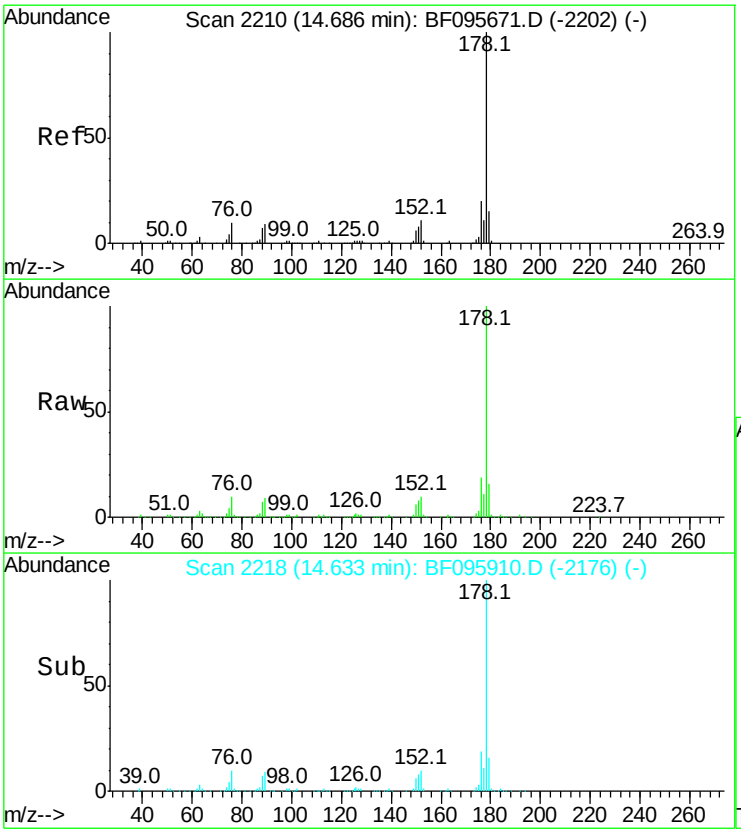
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 170170

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.9	10.2	15.2

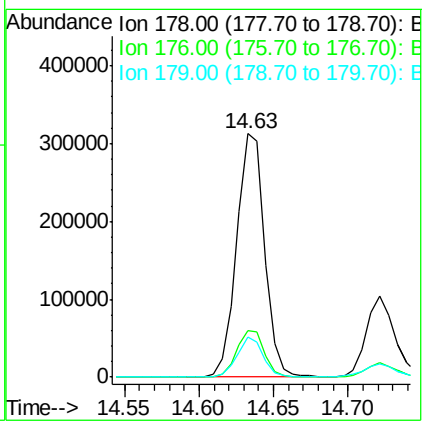


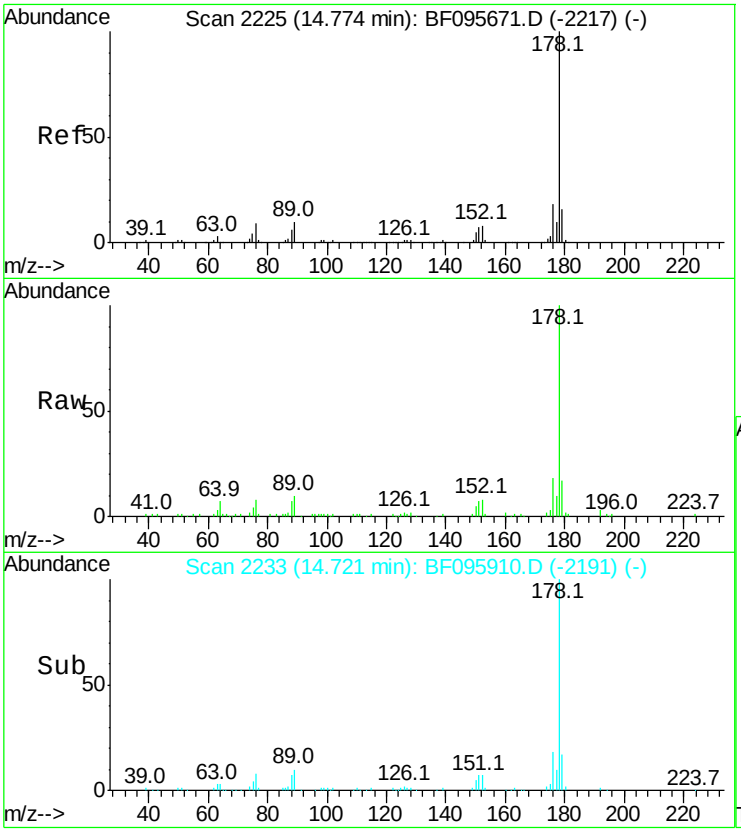


#70
Phenanthrene
Concen: 41.59 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:178 Resp: 408358

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.3	12.6	19.0



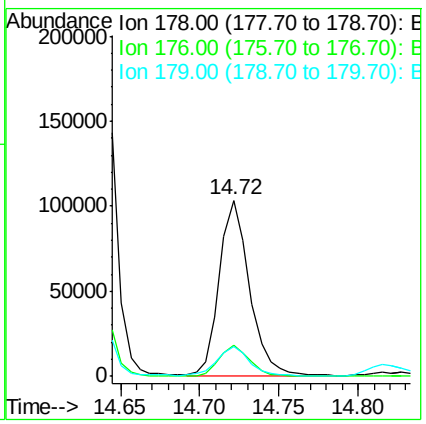


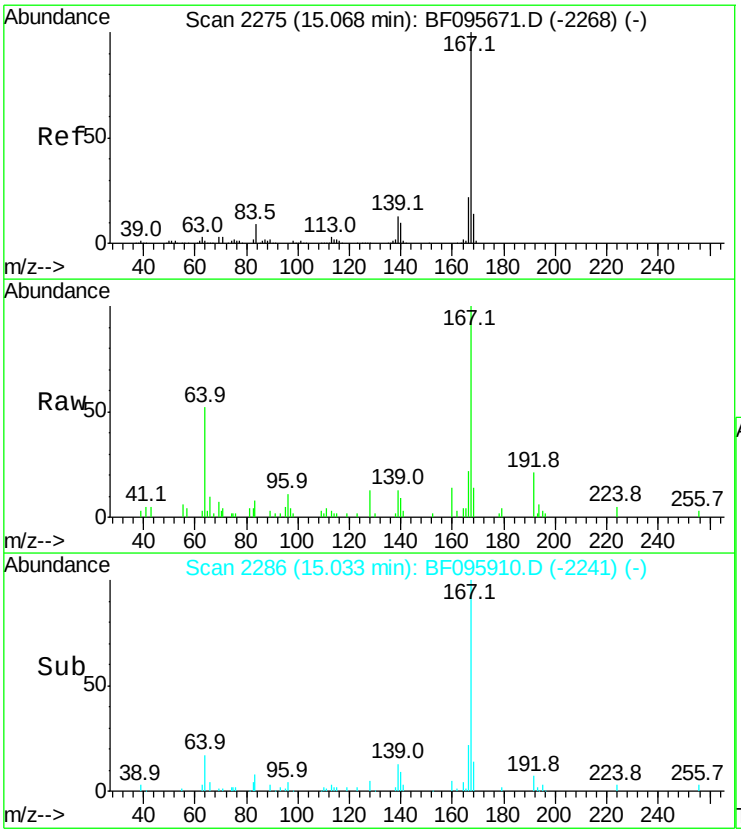
#71
Anthracene
Concen: 13.35 ng
RT: 14.72 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 136866

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	16.8	12.7	19.1

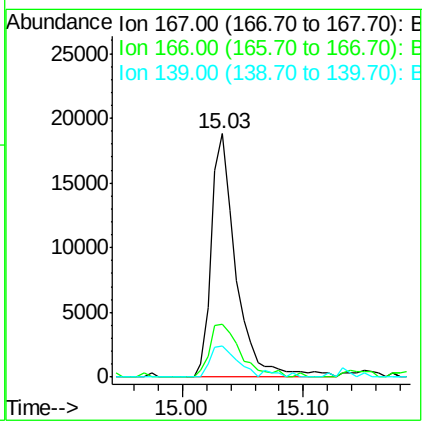


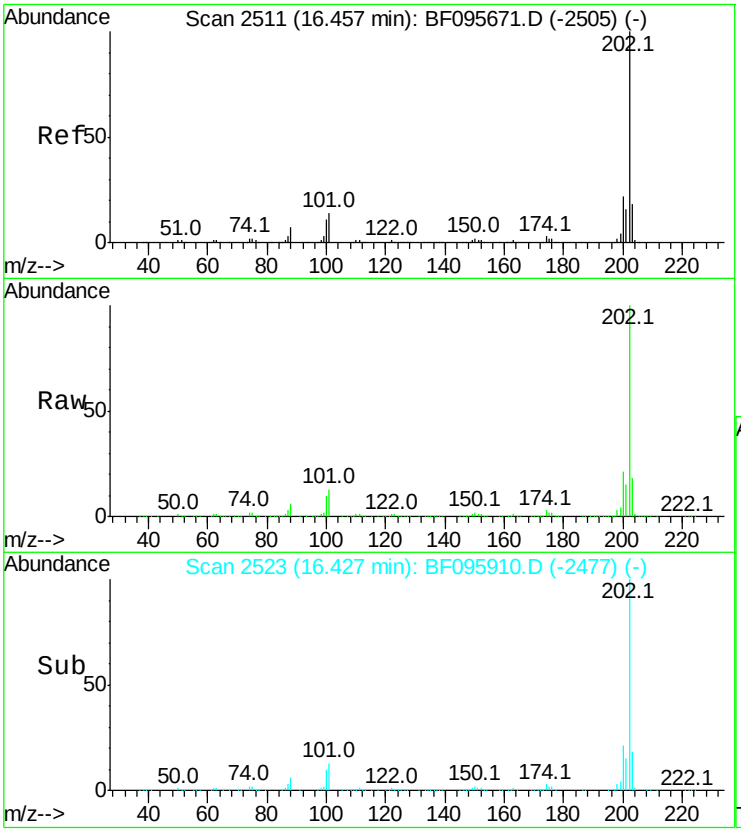


#72
Carbazole
Concen: 2.63 ng
RT: 15.03 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:167 Resp: 26281

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.8	11.7	17.5



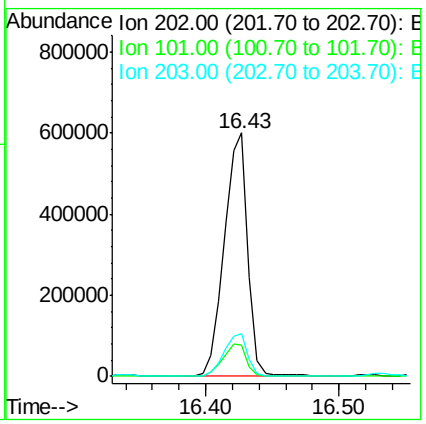


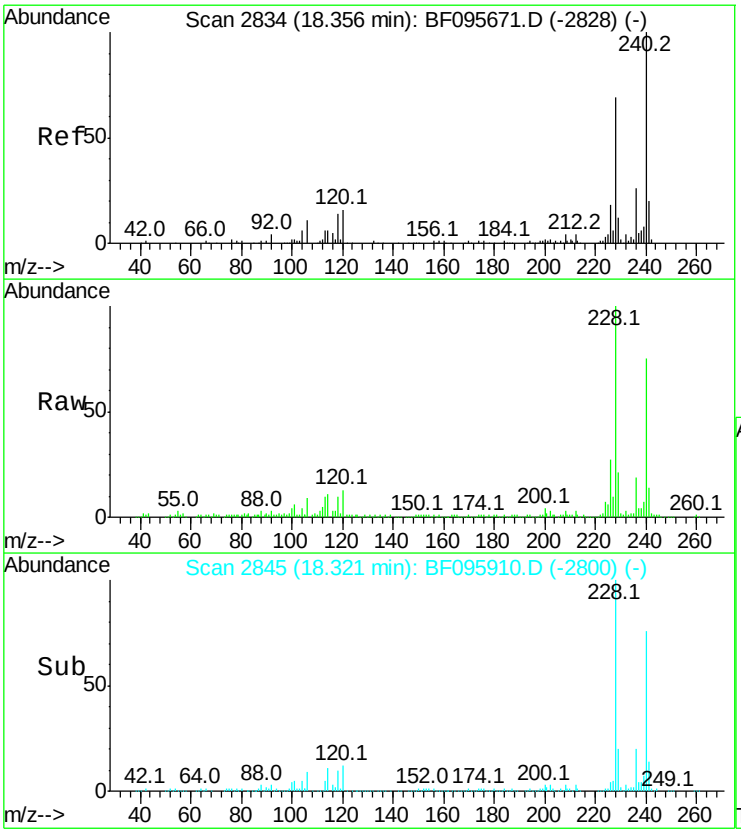
#74
Fluoranthene
Concen: 76.13 ng
RT: 16.43 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 739861

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.7	0.0	38.1

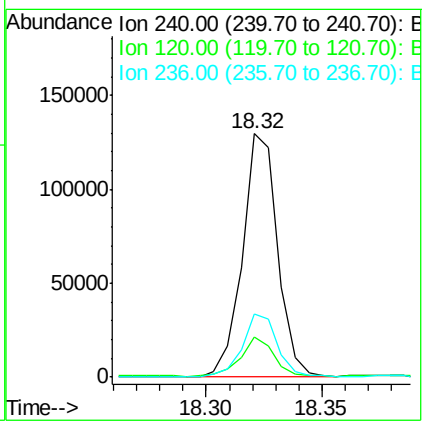


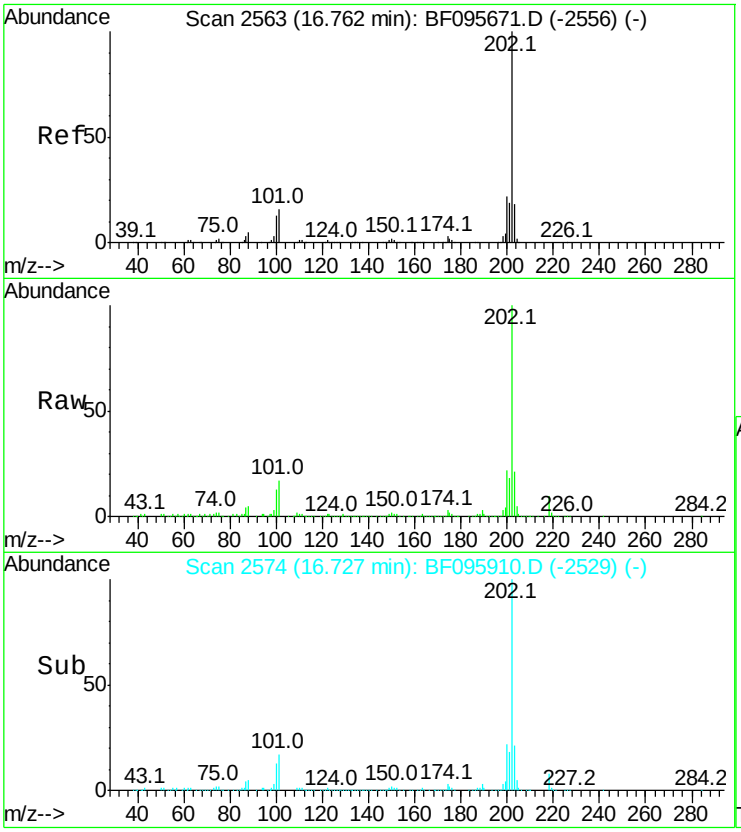


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:240 Resp: 136692

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	25.7	20.5	30.7



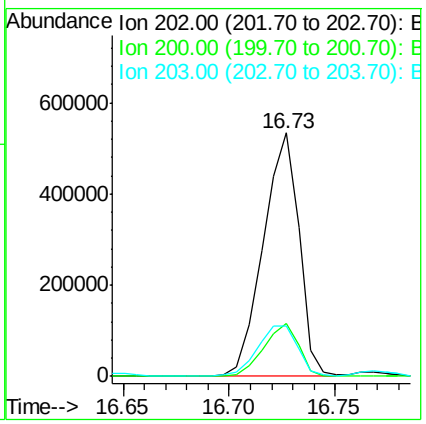


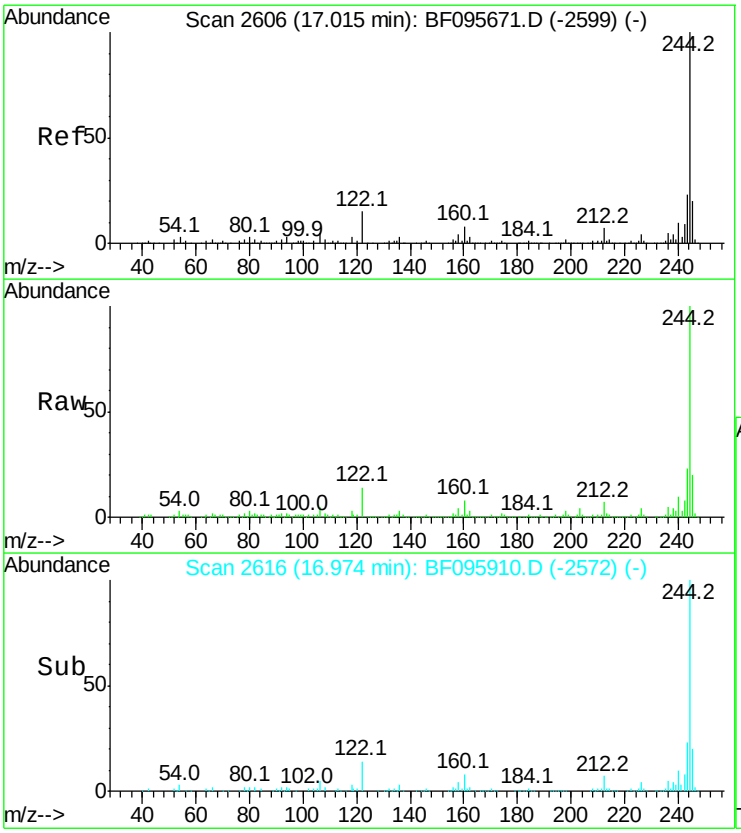
#77
Pyrene
Concen: 61.33 ng
RT: 16.73 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 625489

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	20.7	14.4	21.6

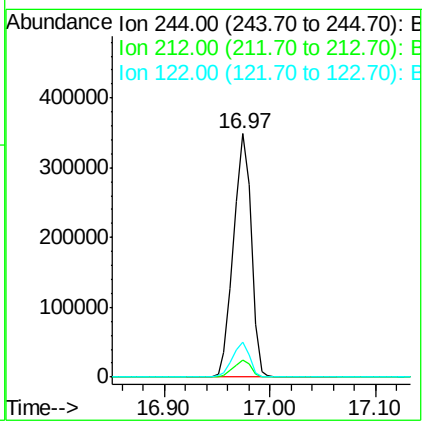


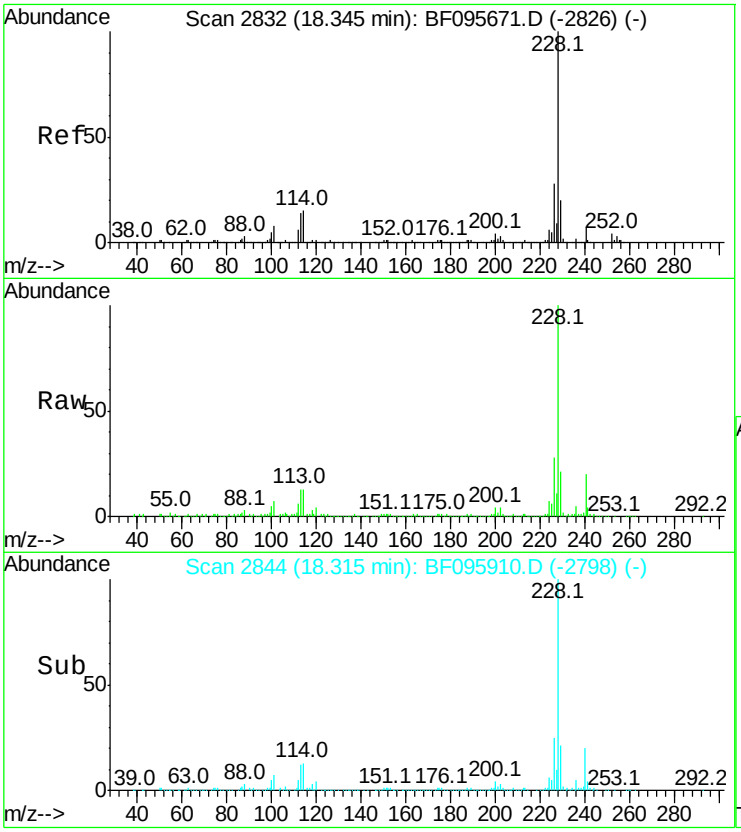


#78
Terphenyl-d14
Concen: 72.68 ng
RT: 16.97 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:244 Resp: 400332

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5



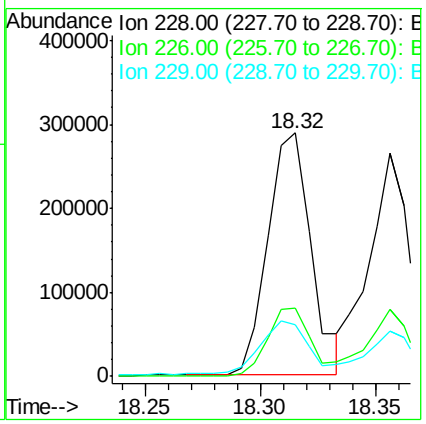


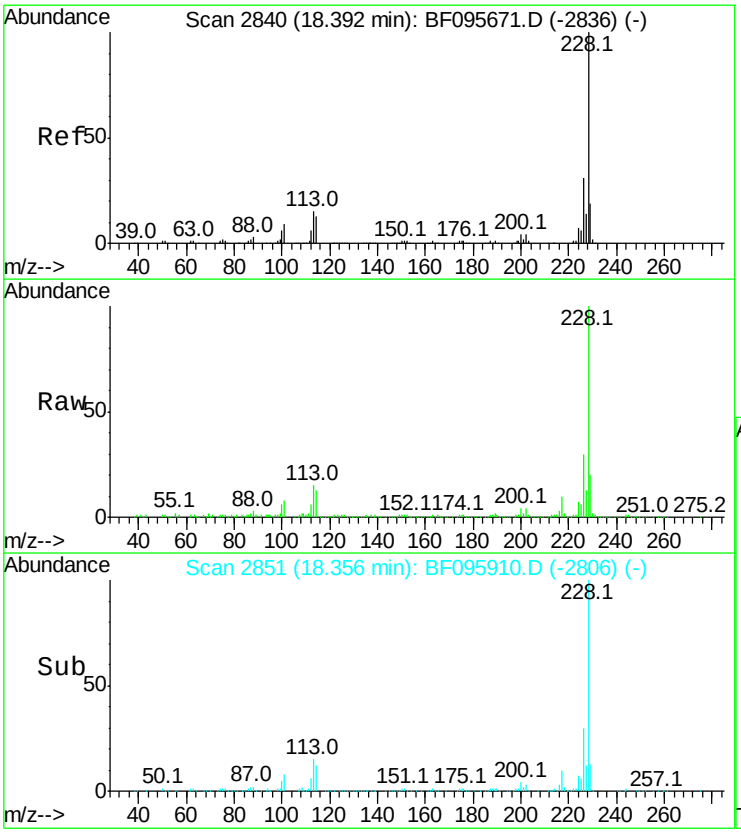
#80
Benzo(a)anthracene
Concen: 47.30 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.03 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 375910

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.4	16.3	24.5

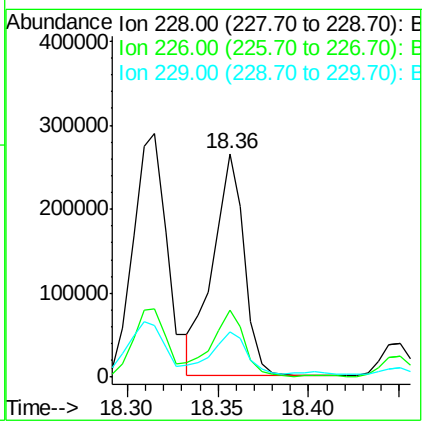


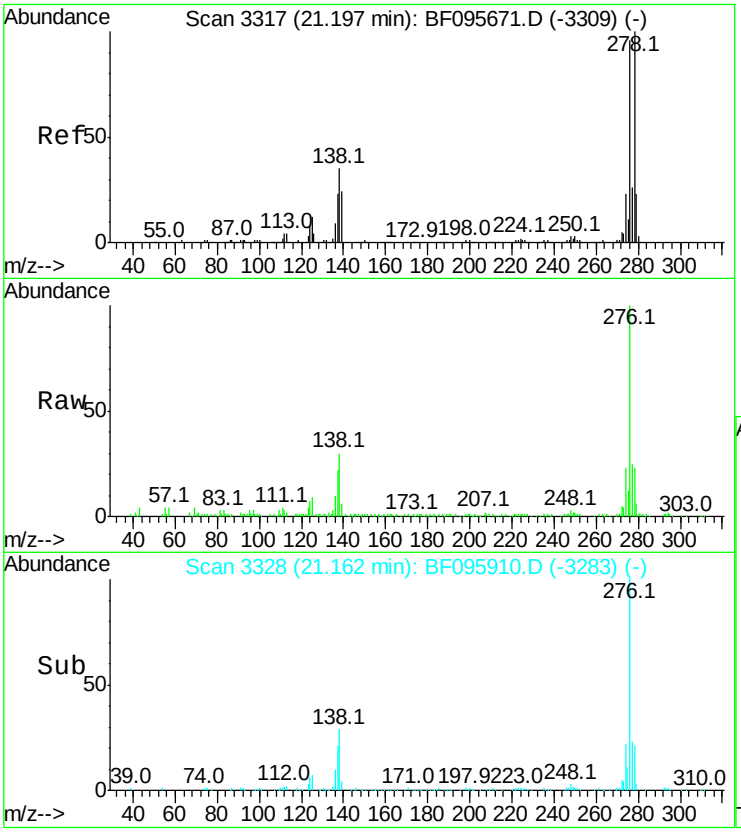


#82
Chrysene
Concen: 40.14 ng
RT: 18.36 min Scan# 2851
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:228 Resp: 318805

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.4	15.8	23.6



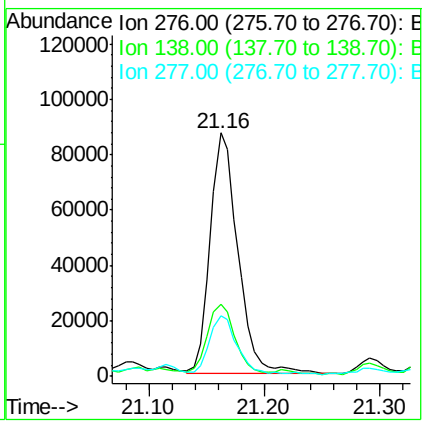


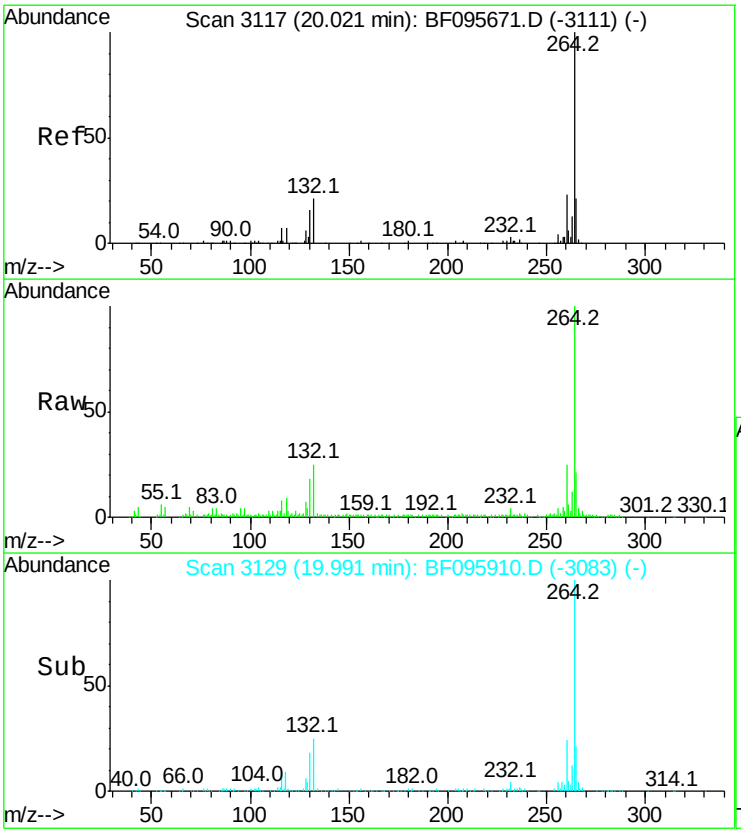
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.43 ng
RT: 21.16 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 145599

Ion	Ratio	Lower	Upper
276	100		
138	28.6	27.8	41.6
277	23.0	20.2	30.4

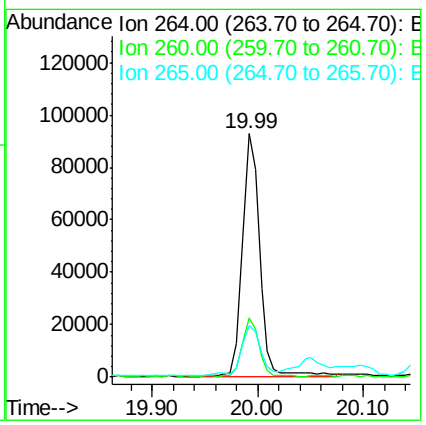


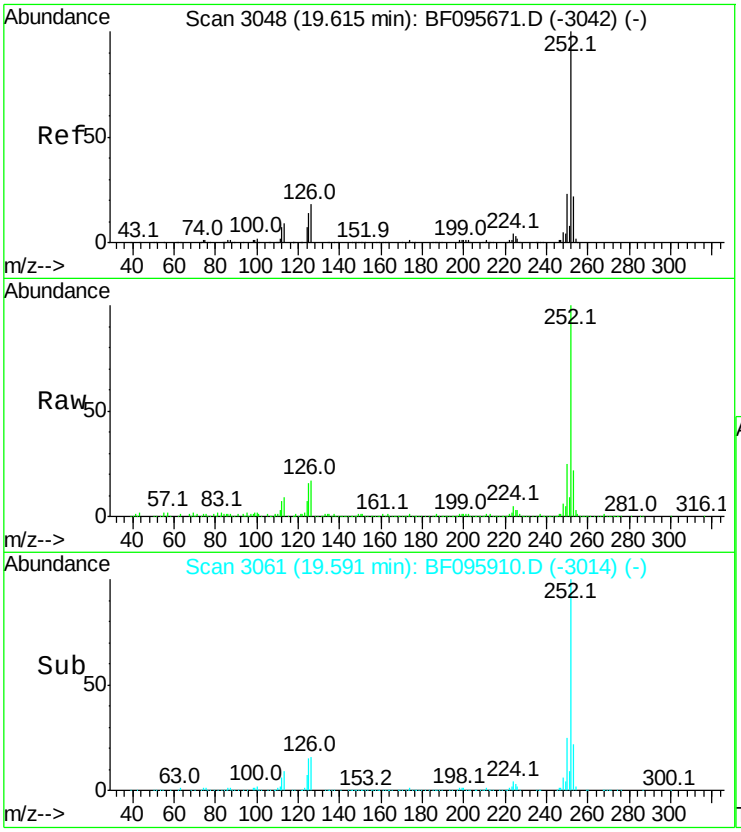


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:264 Resp: 107560

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.2	25.8



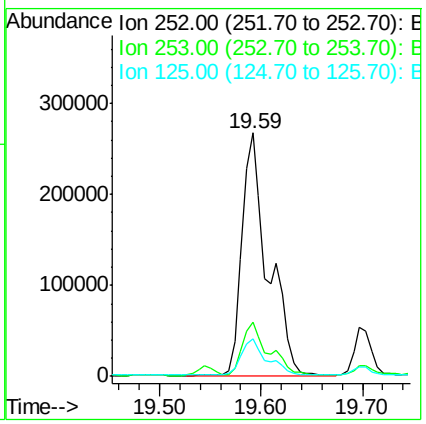


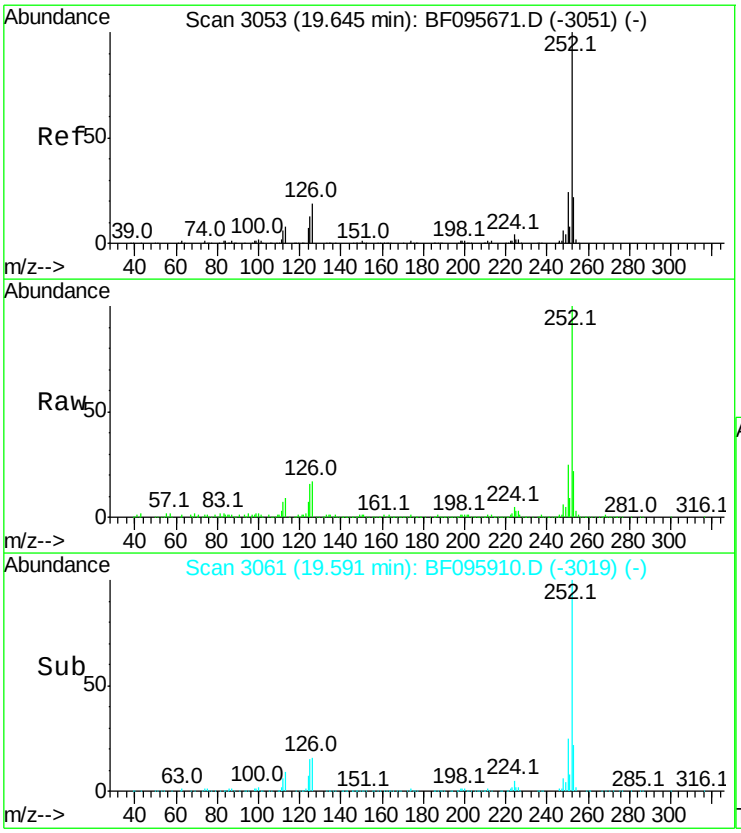
#87
Benzo(b)fluoranthene
Concen: 71.32 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 480320

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.5	9.8	14.8#

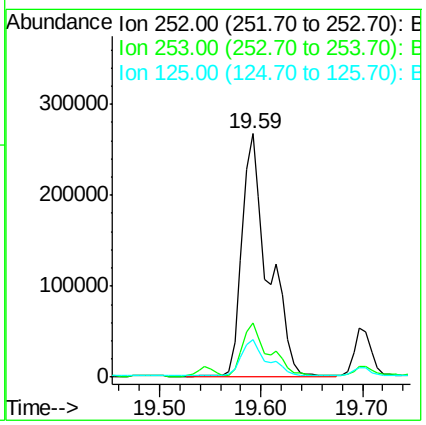


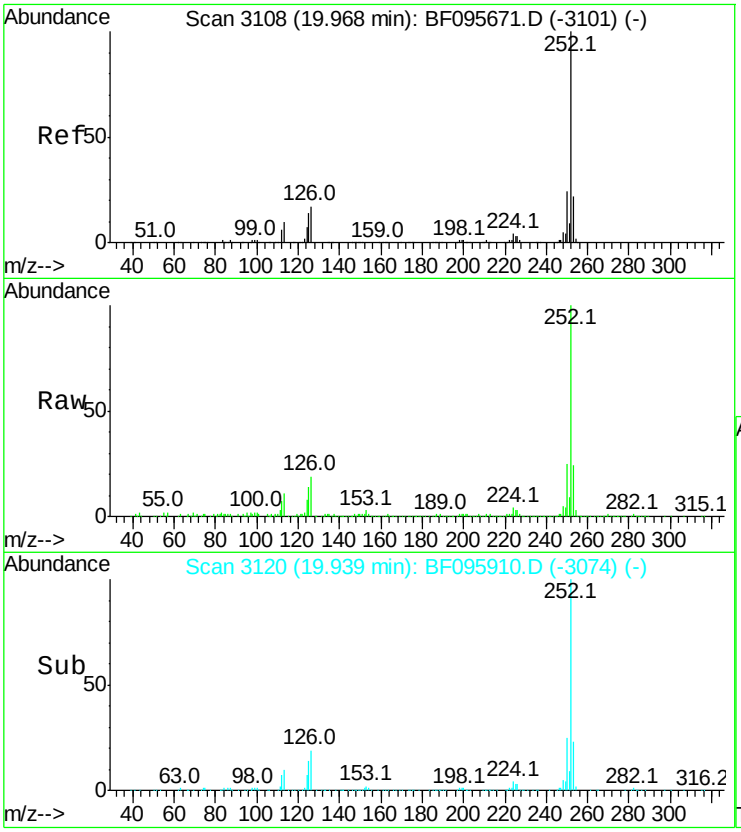


#88
Benzo(k)fluoranthene
Concen: 74.61 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.05 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:252 Resp: 480320

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	15.5	13.1	19.7



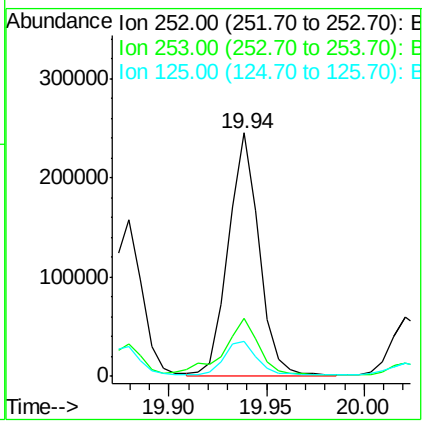


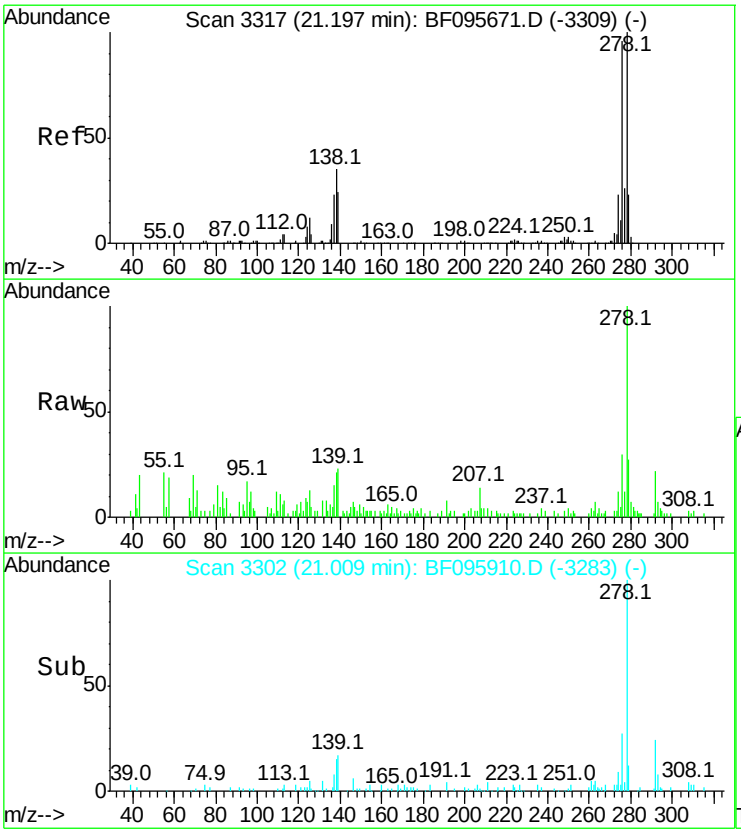
#89
Benzo(a)pyrene
Concen: 42.93 ng
RT: 19.94 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 265772

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	14.4	11.0	16.4

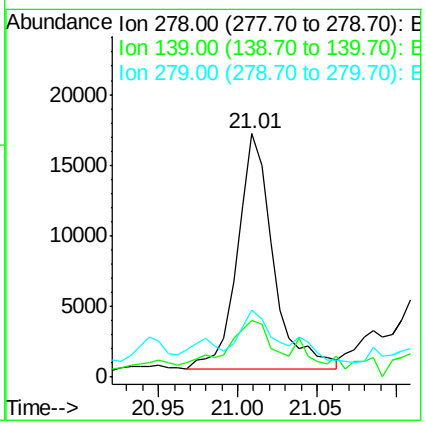


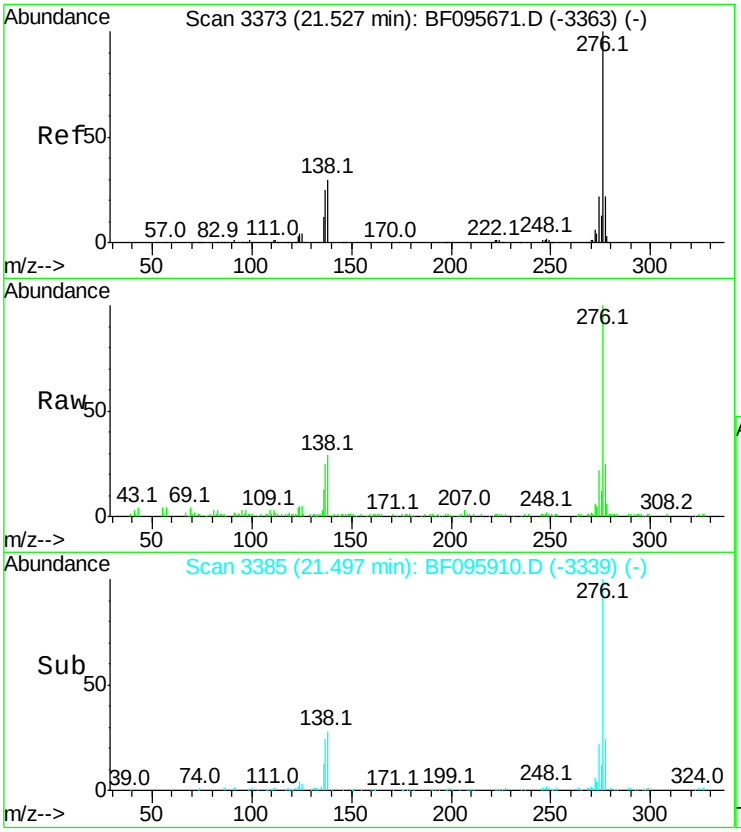


#90
Dibenzo(a,h)anthracene
Concen: 5.00 ng
RT: 21.01 min Scan# 3302
Delta R.T. -0.19 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Tgt Ion:278 Resp: 26267

Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	27.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 25.23 ng
RT: 21.50 min Scan# 3385
Delta R.T. -0.03 min
Lab File: BF095910.D
Acq: 14 Jun 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 135055

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	29.4	25.4	38.0