Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095921.D
Acq On : 14 Jun 2017 8:36
Operator : SJ/MA
Sample : I3635-10DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 12:00:13 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	71237	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	270396	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	105758	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	170597	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	135587	20.00	ng		-0.04
86) Perylene-d12	19.99	264	96643	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	236714	52.95	ng		-0.03
7) Phenol-d6	6.92	99	288130	53.84	ng		-0.04
23) Nitrobenzene-d5	8.27	82	149498	34.34	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	43333	46.31	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	320411	42.16	ng		-0.06
78) Terphenyl-d14	16.97	244	228060	41.74	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.27	70	17811	5.25	ng	#	80
49) Dimethylphthalate	11.86	163	33102	4.12	ng	#	96
50) 2,6-Dinitrotoluene	12.20	165	13685	7.81	ng	#	31
51) Acenaphthene	12.26	154	23043	3.43	ng		99
54) Dibenzofuran	12.56	168	29453	3.11	ng		94
55) 4-Nitrophenol	12.56	139	10395	12.85	ng	#	25
57) Fluorene	13.10	166	52651	6.39	ng		99
70) Phenanthrene	14.64	178	414737	42.13	ng		99
71) Anthracene	14.73	178	118482	11.53	ng		98
72) Carbazole	15.04	167	21285	2.13	ng	#	96
74) Fluoranthene	16.42	202	507715	52.11	ng		99
77) Pyrene	16.72	202	410591	40.58	ng		96
80) Benzo(a)anthracene	18.31	228	174591	22.15	ng		99
82) Chrysene	18.35	228	157648	20.01	ng		98
85) Indeno(1,2,3-cd)pyrene	21.17	276	54537	8.09	ng		94
87) Benzo(b)fluoranthene	19.59	252	203560	33.64	ng	#	96
88) Benzo(k)fluoranthene	19.59	252	203560	35.19	ng		97
89) Benzo(a)pyrene	19.94	252	102403	18.41	ng		98
90) Dibenzo(a,h)anthracene	21.30	278	12911	2.74	ng		97
91) Benzo(g,h,i)perylene	21.50	276	47742	9.93	ng		99

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

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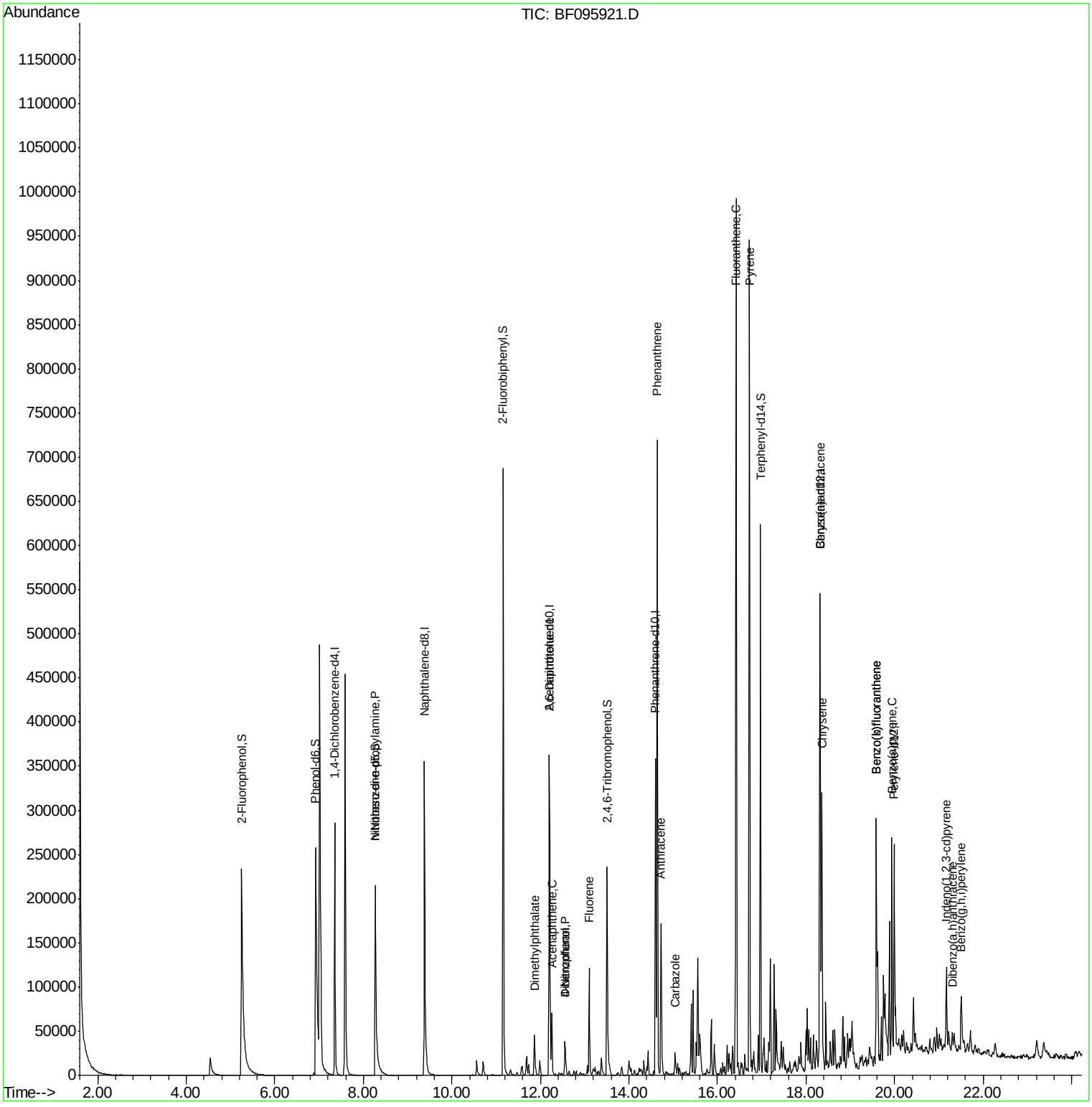
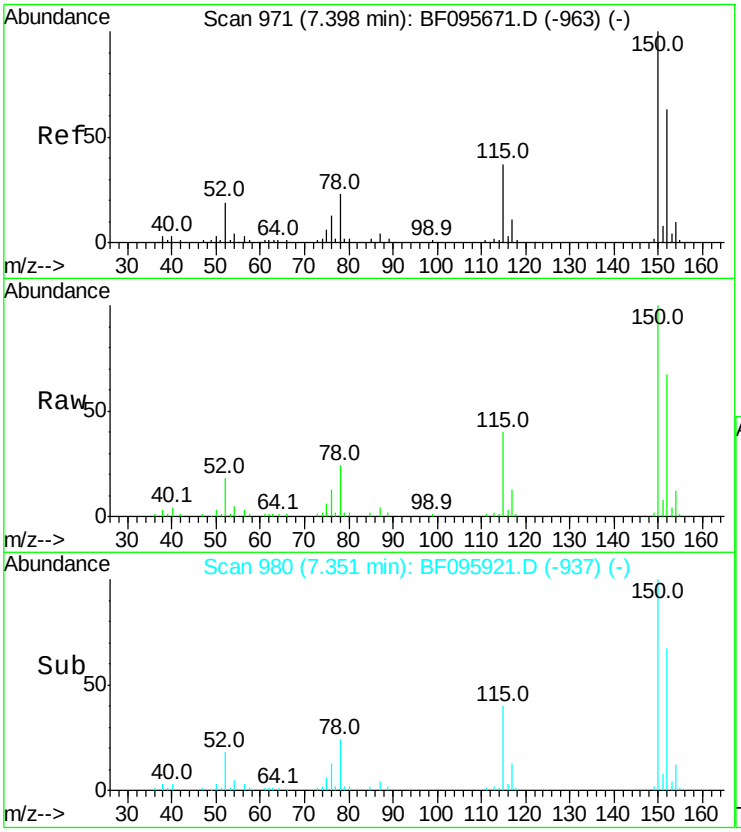


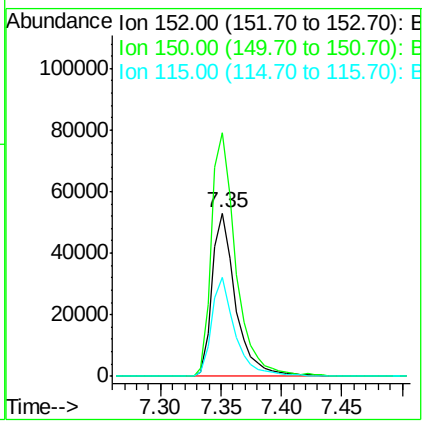


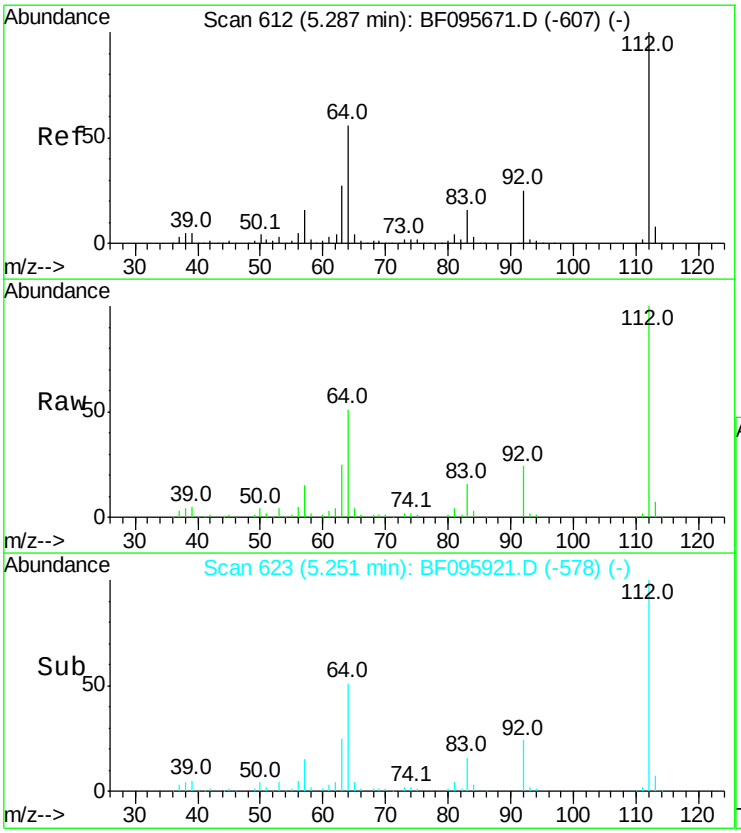
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71237

Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.2	189.2
115	60.3	52.2	78.2

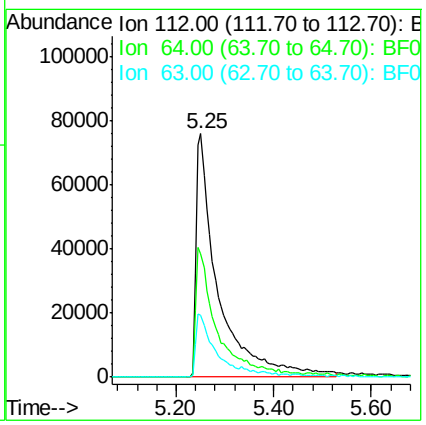


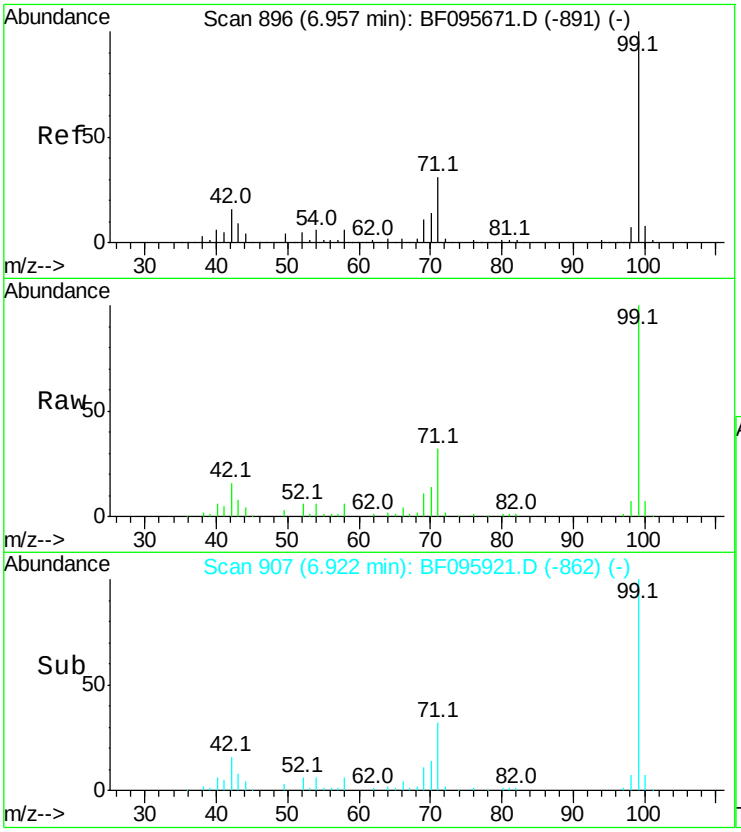


#5
2-Fluorophenol
Concen: 52.95 ng
RT: 5.25 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:112 Resp: 236714

Ion	Ratio	Lower	Upper
112	100		
64	50.6	46.0	69.0
63	25.3	23.4	35.0



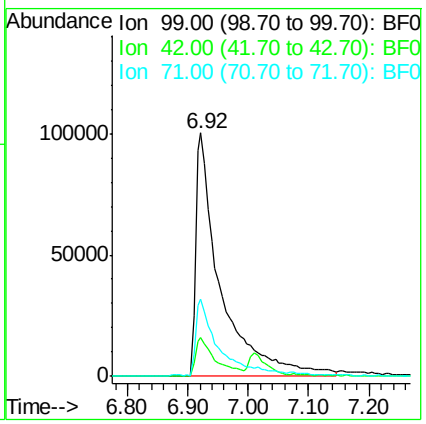


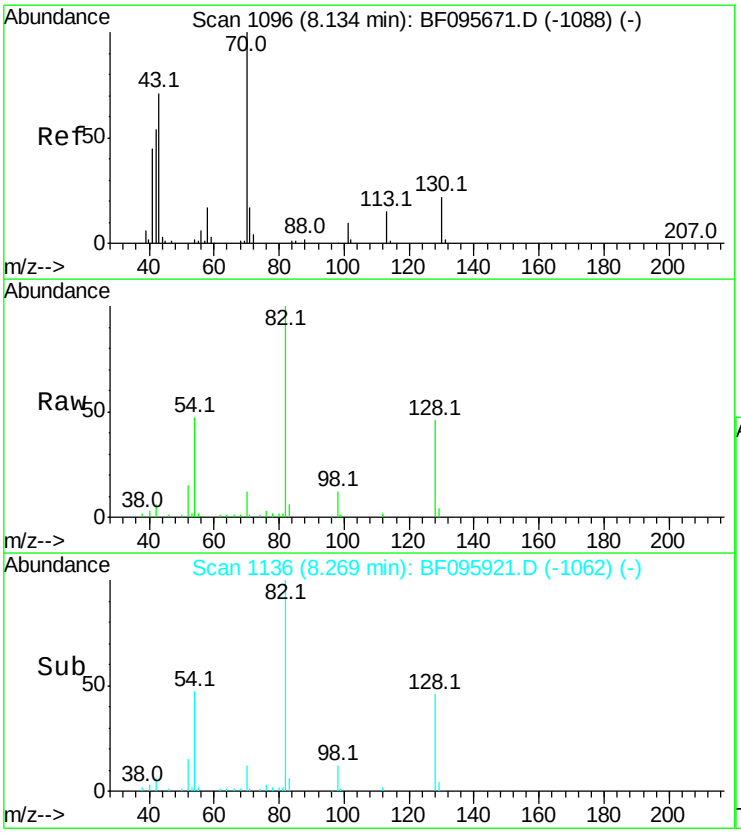
#7
Phenol-d6
Concen: 53.84 ng
RT: 6.92 min Scan# 907
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 288130

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.6	24.5	36.7

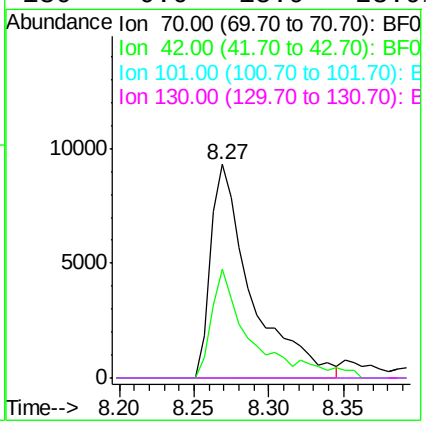


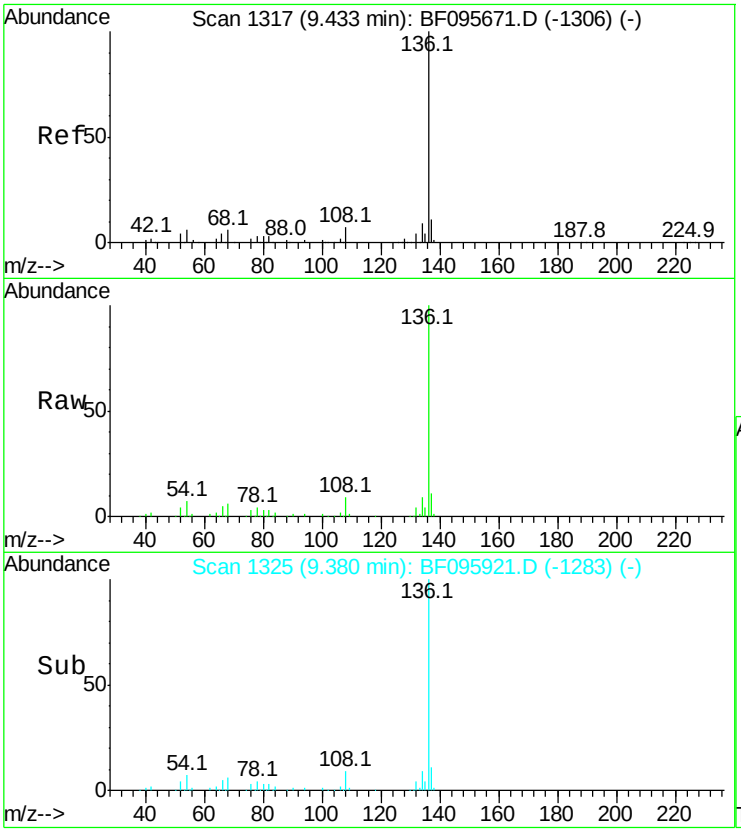


#19
n-Nitroso-di-n-propylamine
Concen: 5.25 ng
RT: 8.27 min Scan# 1136
Delta R.T. 0.14 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion: 70 Resp: 17811

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



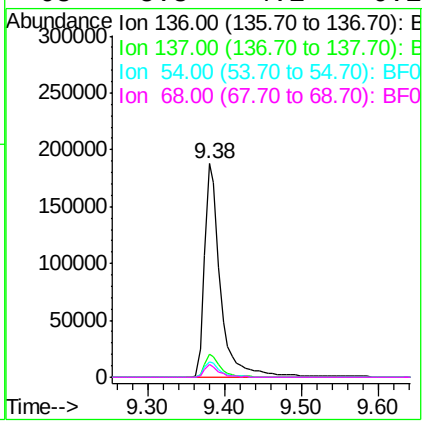


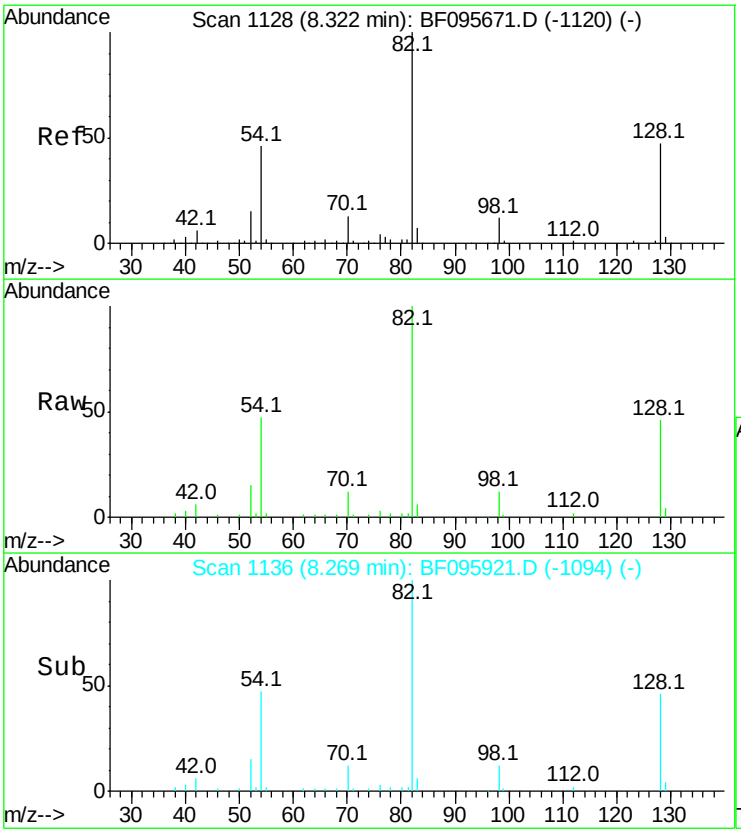
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 270396

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1

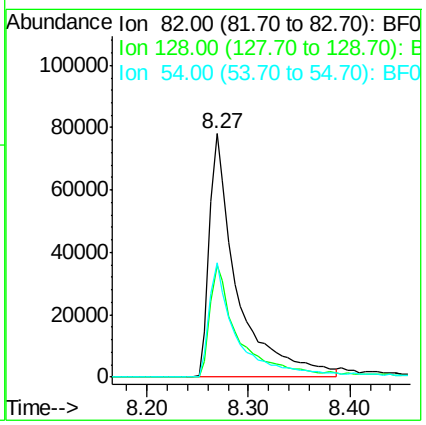


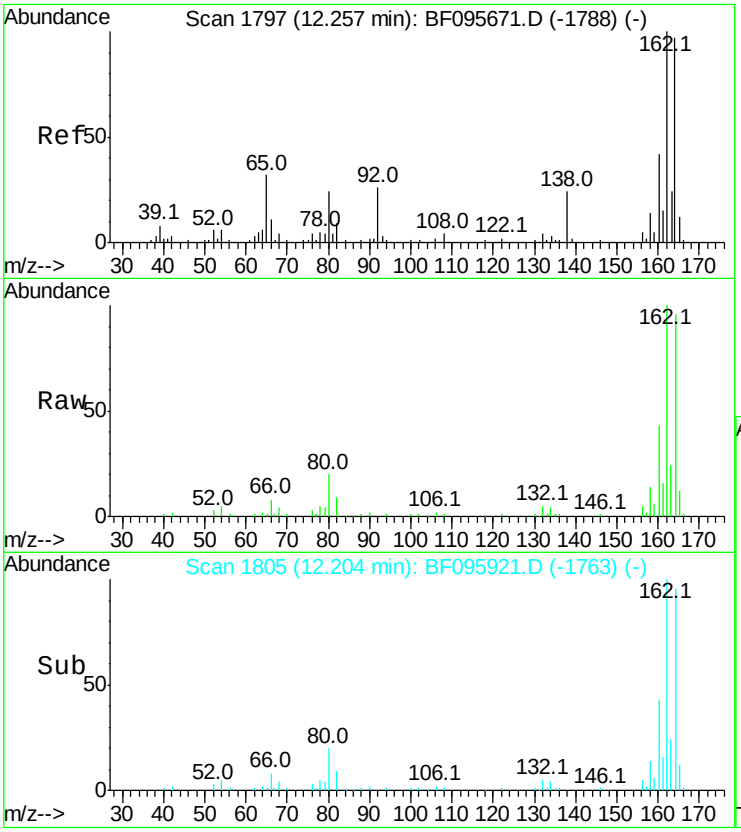


#23
Nitrobenzene-d5
Concen: 34.34 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion: 82 Resp: 149498

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	46.7	42.2	63.2



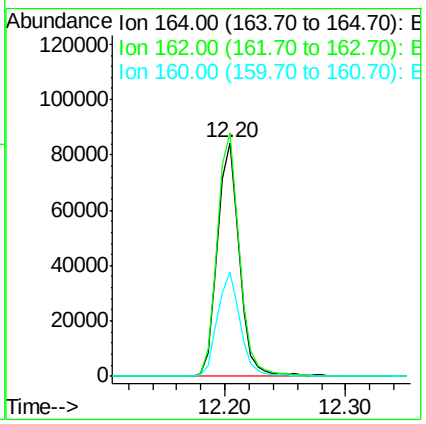


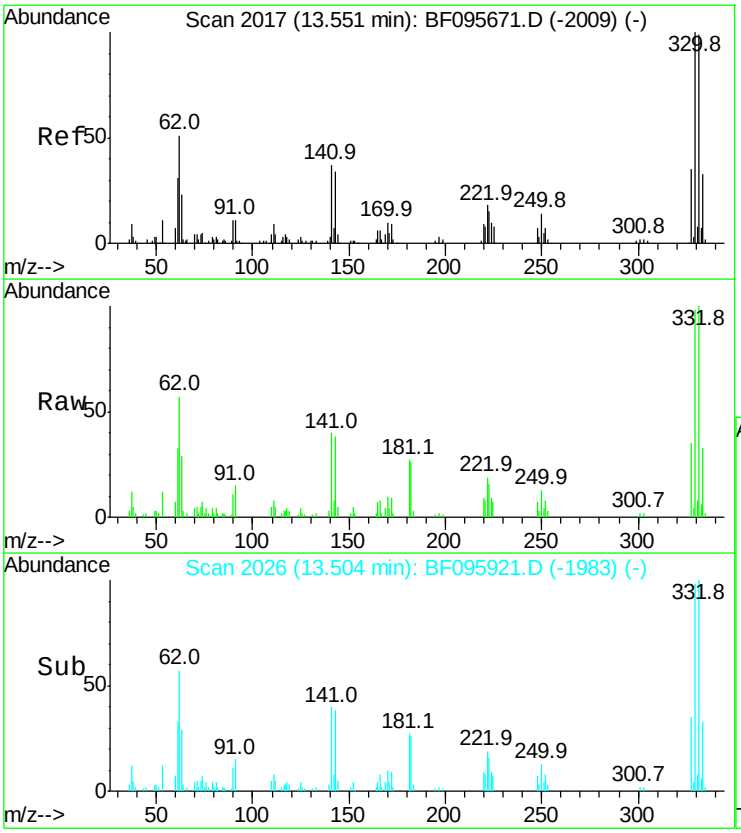
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105758

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.6	36.2	54.2

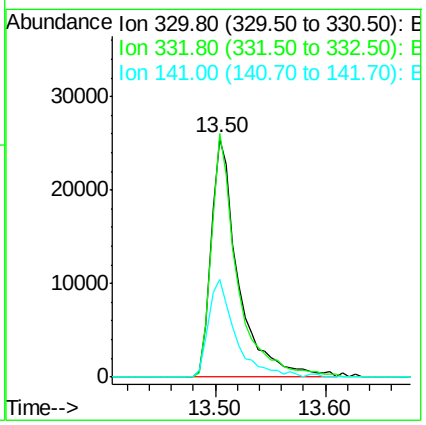


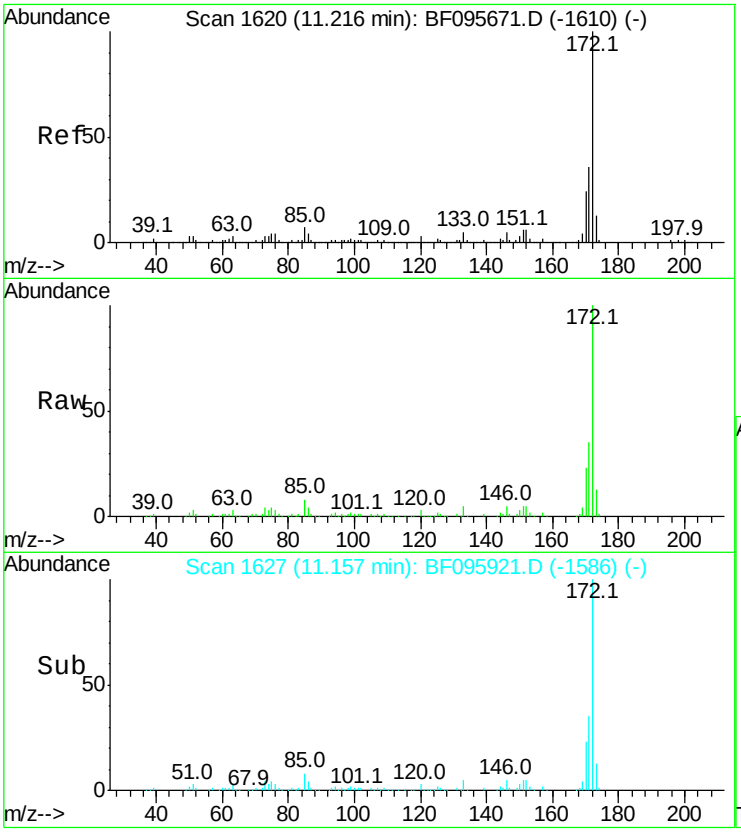


#41
2,4,6-Tribromophenol
Concen: 46.31 ng
RT: 13.50 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:330 Resp: 43333

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	40.2	31.4	47.2



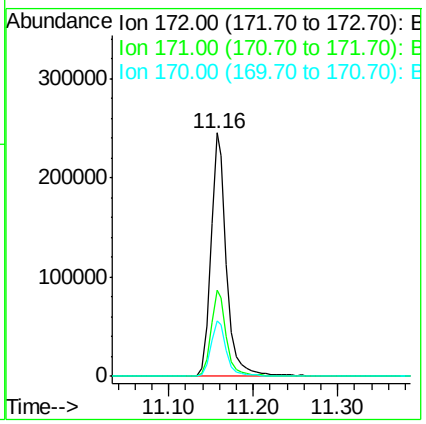


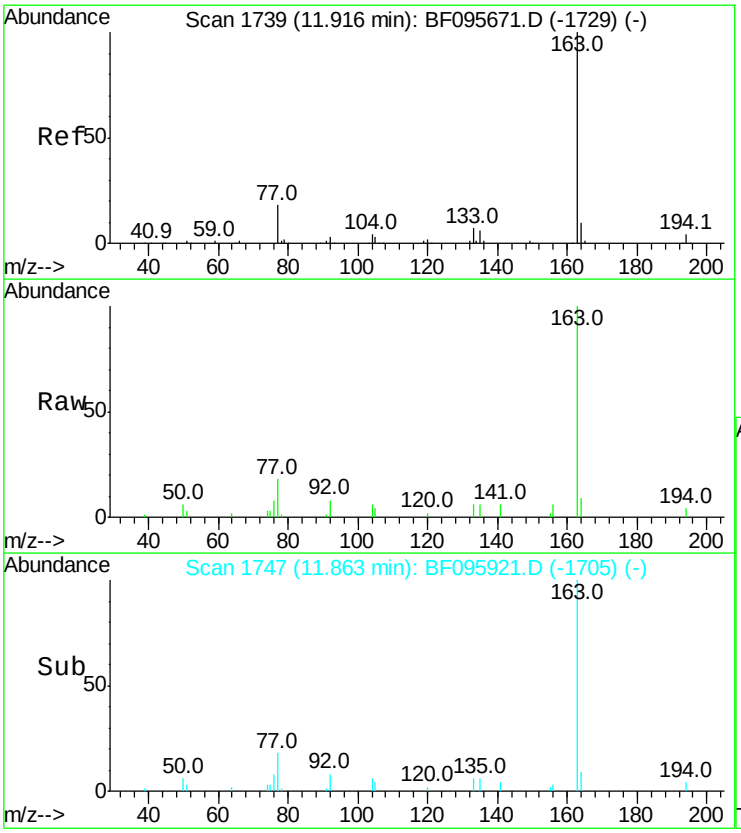
#44
2-Fluorobiphenyl
Concen: 42.16 ng
RT: 11.16 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 320411

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.8	19.8	29.8

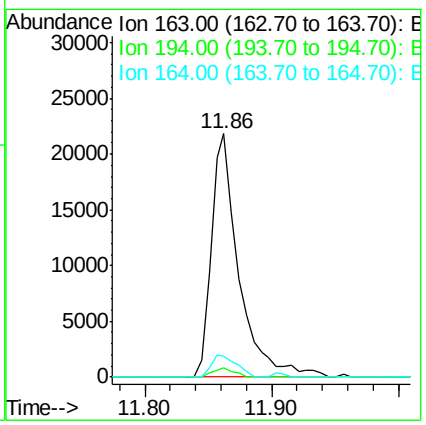


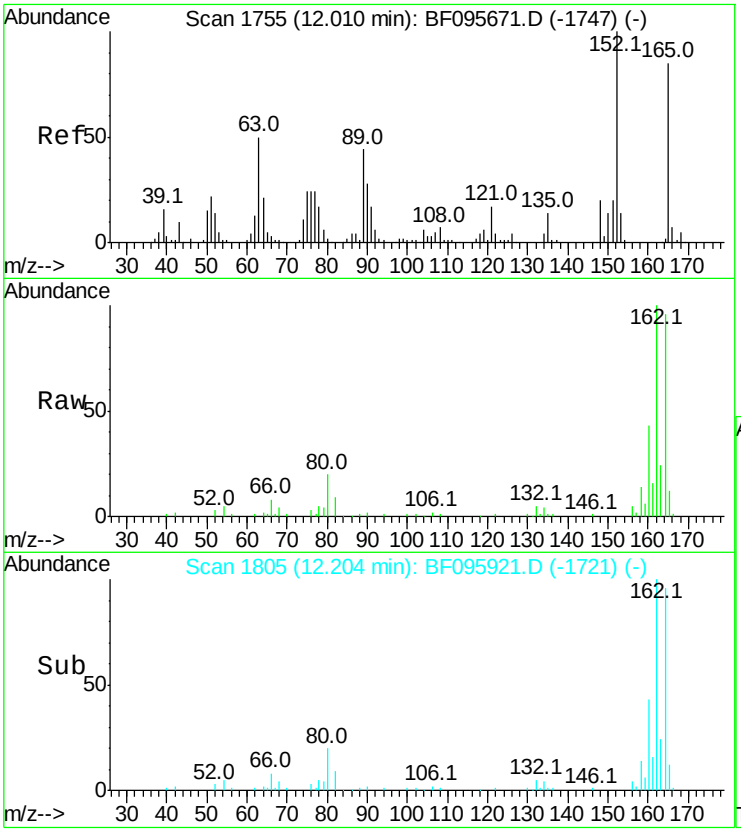


#49
Dimethylphthalate
Concen: 4.12 ng
RT: 11.86 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:163 Resp: 33102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	8.8	8.4	12.6



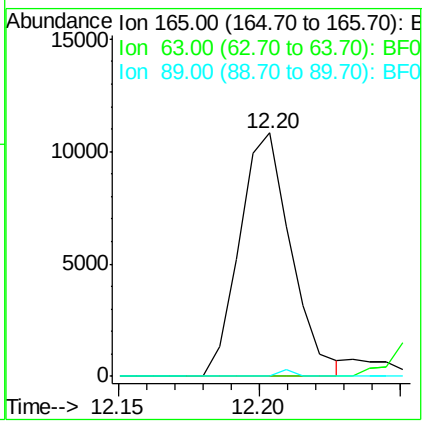


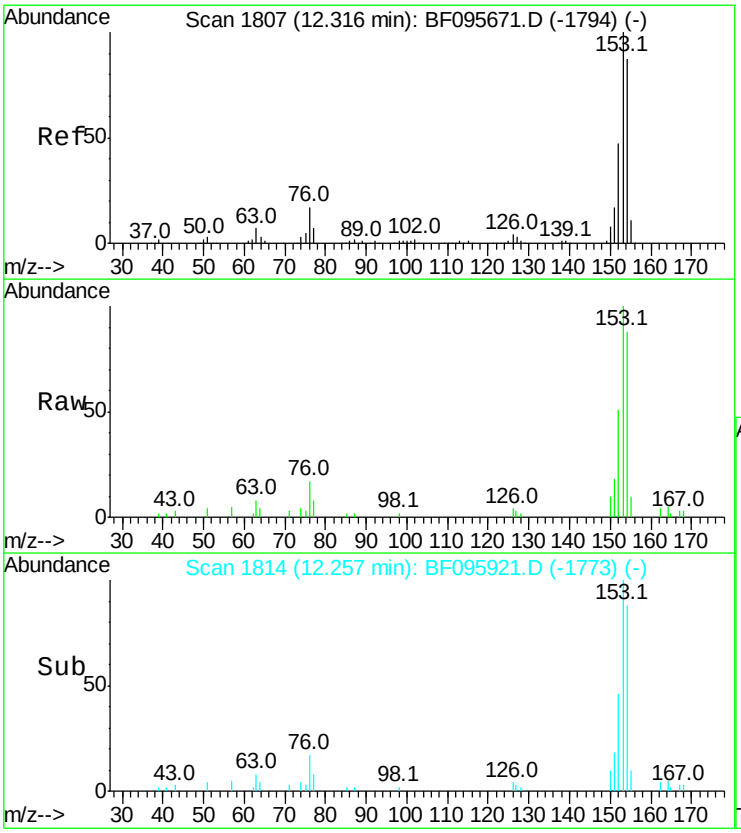
#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 12.20 min Scan# 1805
Delta R.T. 0.19 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13685

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

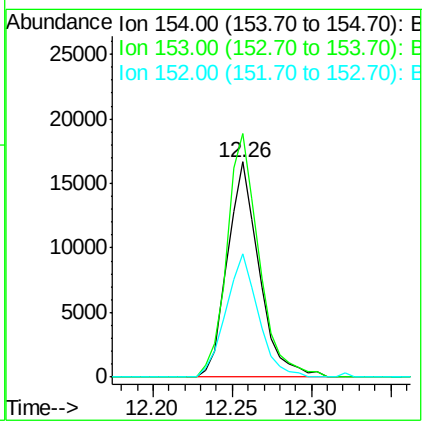


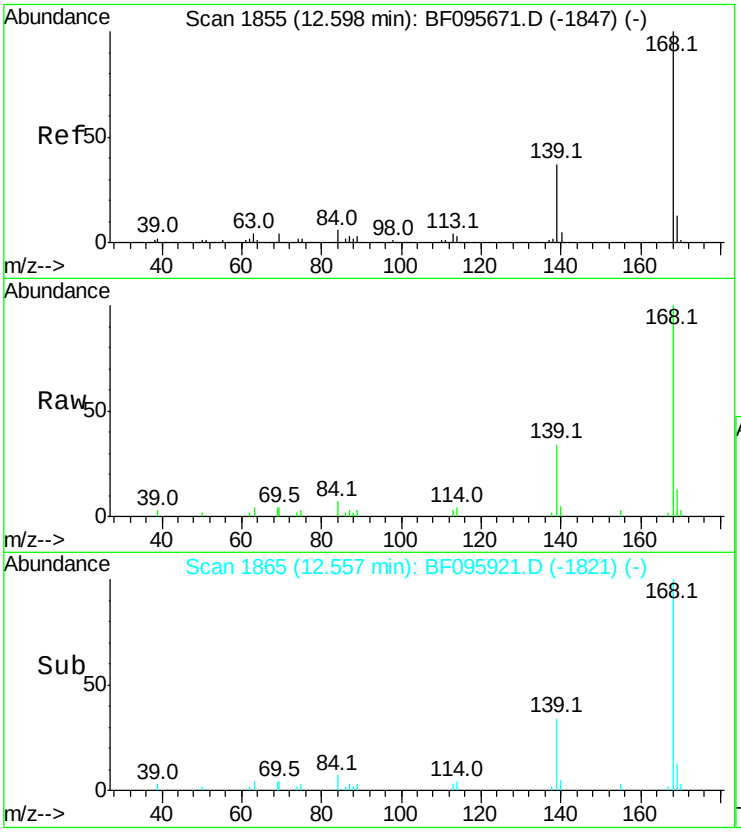


#51
Acenaphthene
Concen: 3.43 ng
RT: 12.26 min Scan# 1814
Delta R.T. -0.06 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:154 Resp: 23043

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	57.5	43.6	65.4



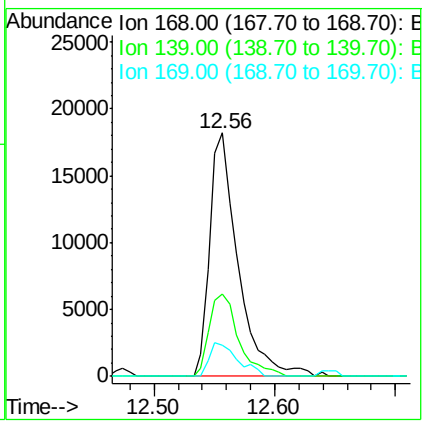


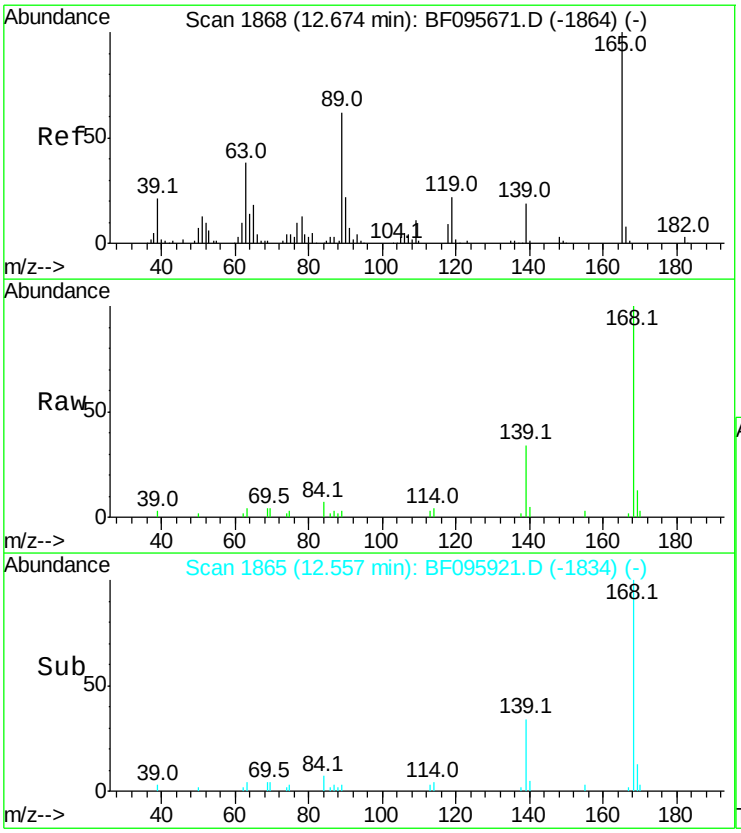
#54
Dibenzofuran
Concen: 3.11 ng
RT: 12.56 min Scan# 1865
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 29453

Ion	Ratio	Lower	Upper
168	100		
139	34.1	30.6	45.8
169	12.6	10.8	16.2

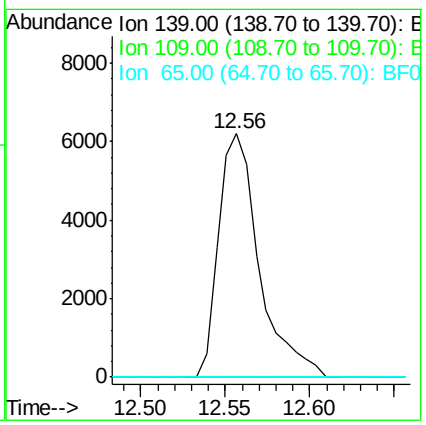


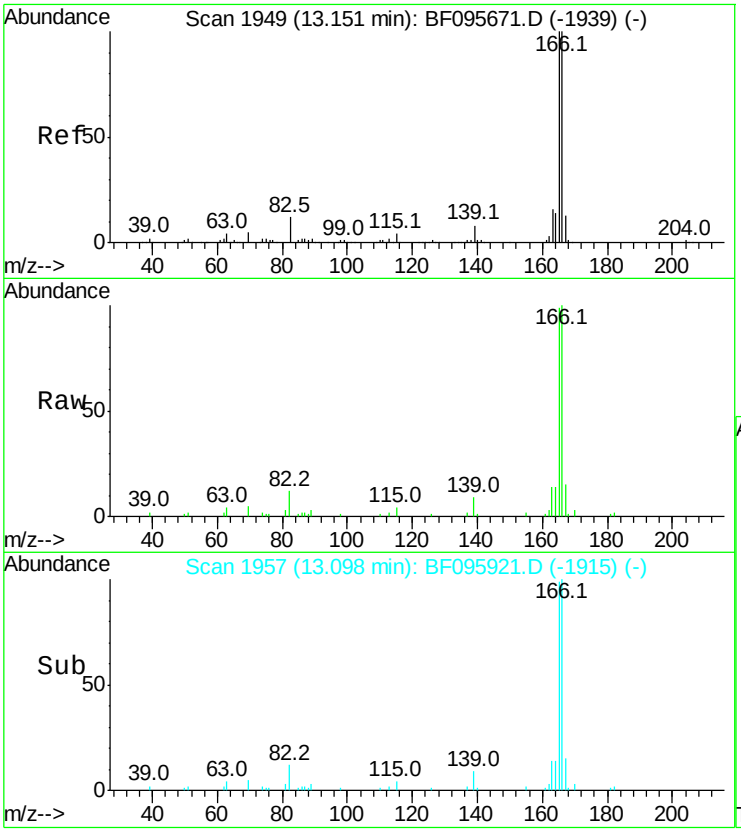


#55
4-Nitrophenol
Concen: 12.85 ng
RT: 12.56 min Scan# 1865
Delta R.T. -0.12 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:139 Resp: 10395

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



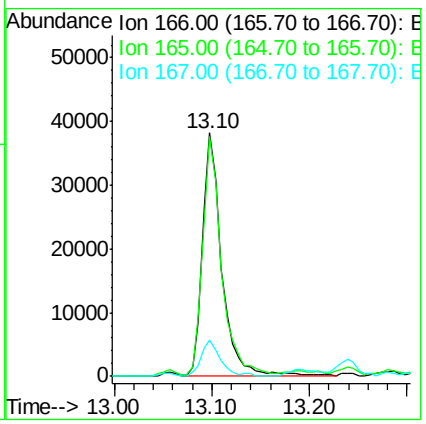


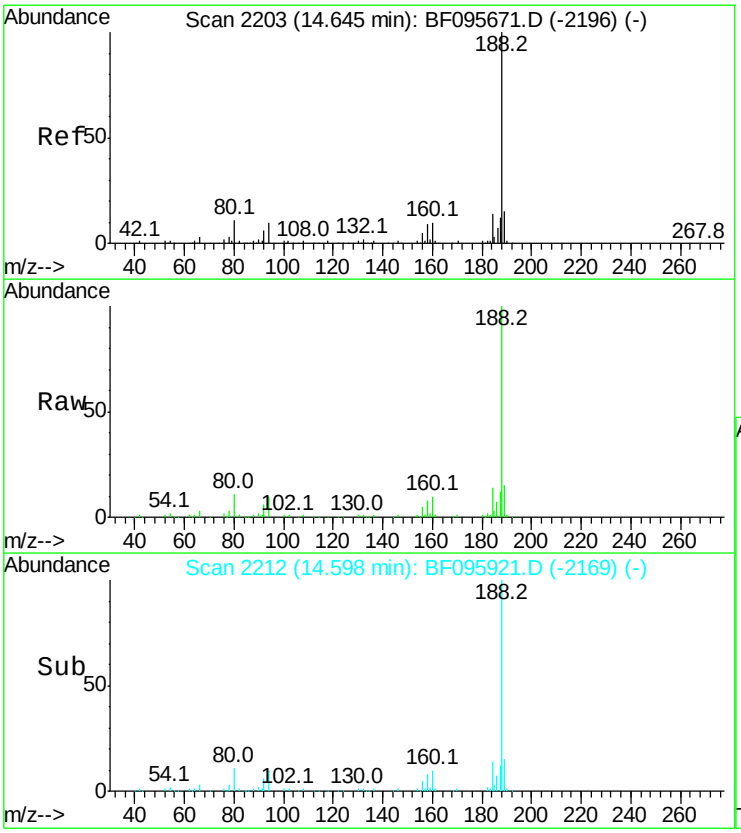
#57
Fluorene
Concen: 6.39 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 52651

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	14.8	10.6	16.0

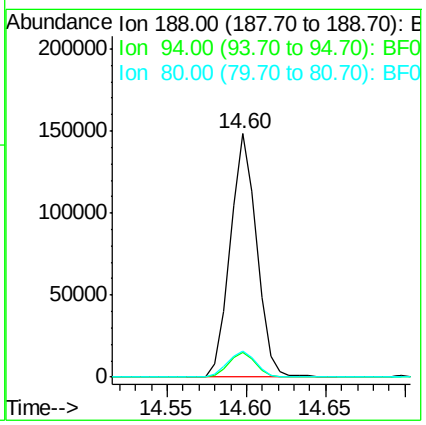


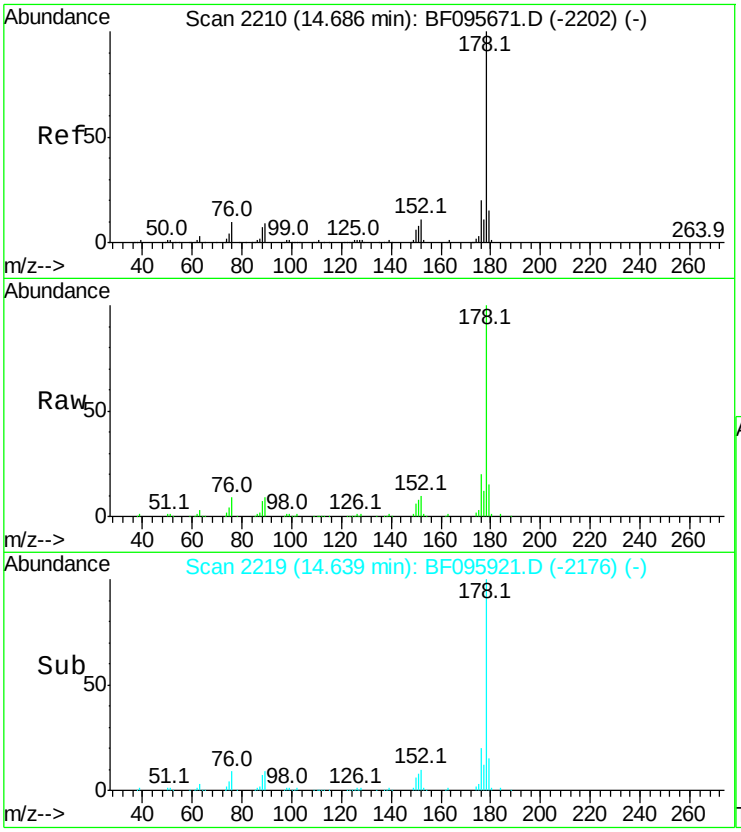


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:188 Resp: 170597

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2



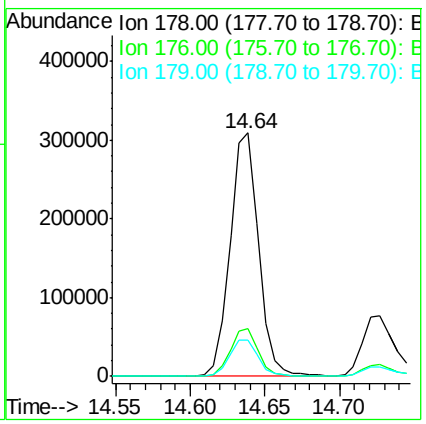


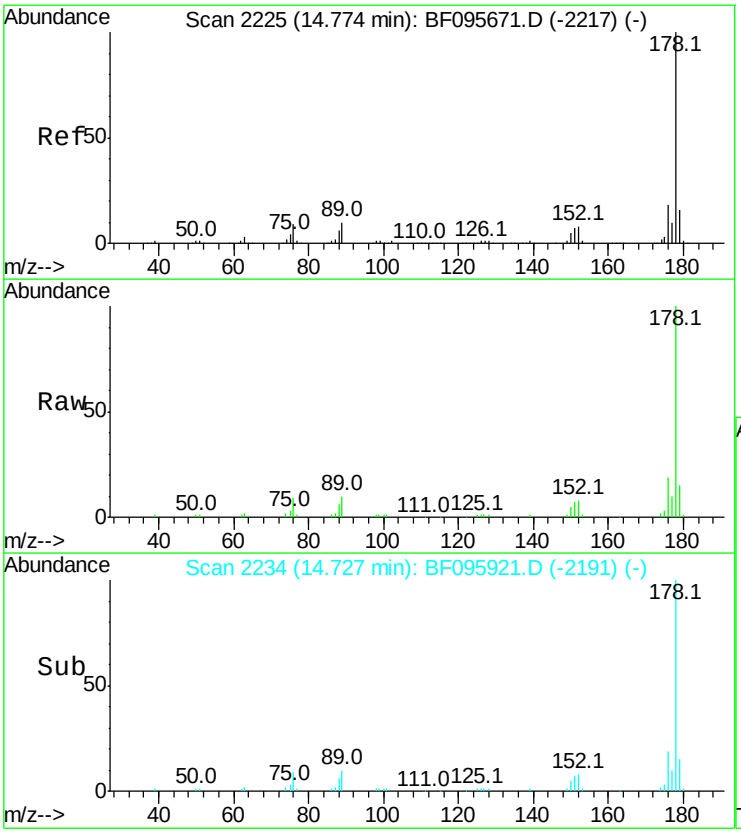
#70
Phenanthrene
Concen: 42.13 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 414737

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.0	12.6	19.0

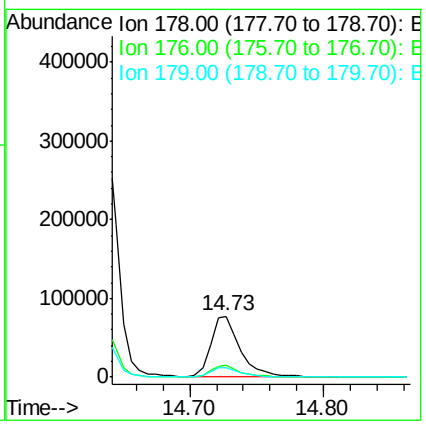


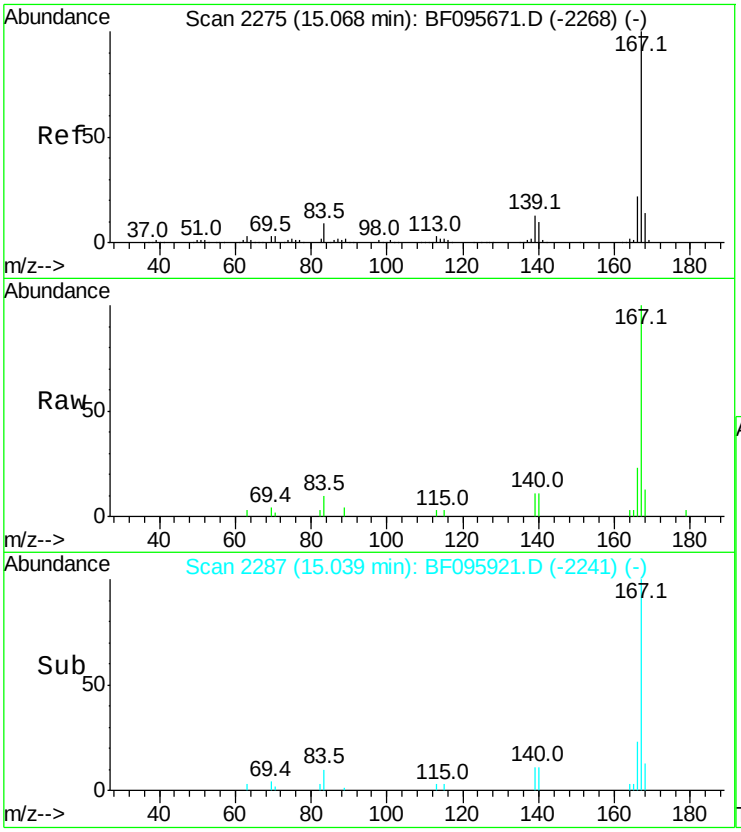


#71
Anthracene
Concen: 11.53 ng
RT: 14.73 min Scan# 2234
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:178 Resp: 118482

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	12.7	19.1



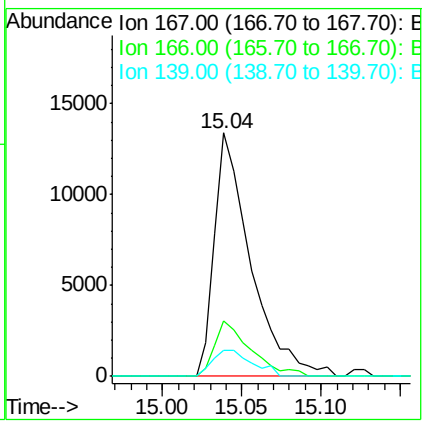


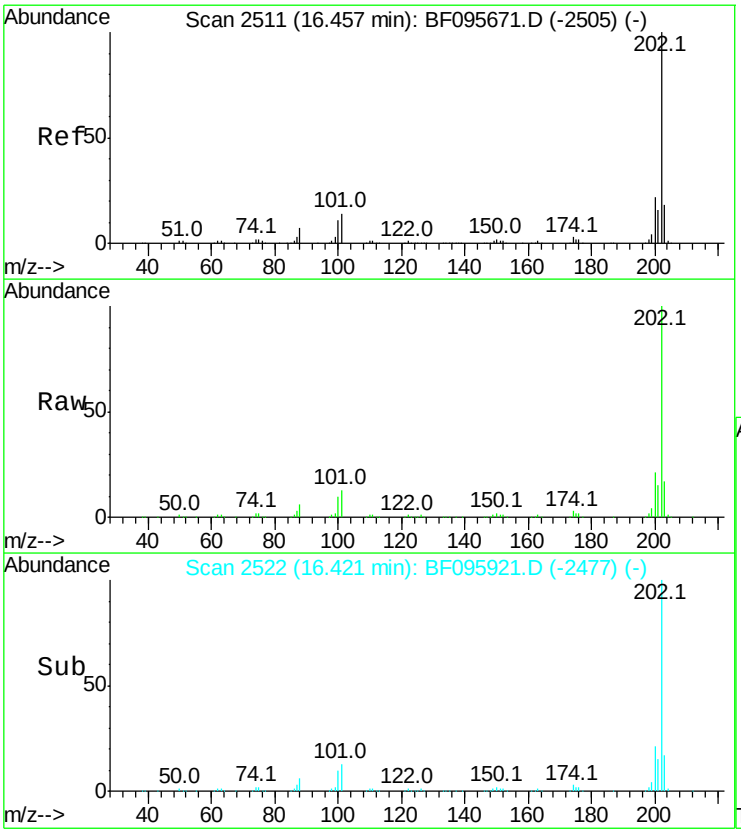
#72
Carbazole
Concen: 2.13 ng
RT: 15.04 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 21285

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	10.6	11.7	17.5#

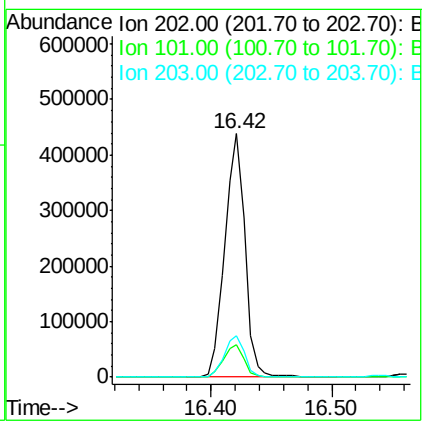


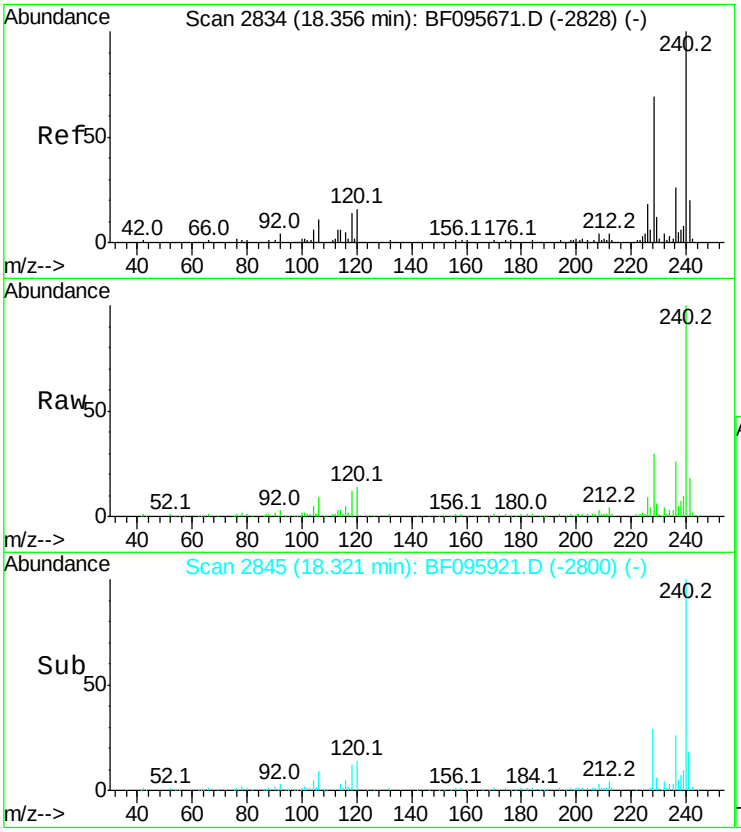


#74
Fluoranthene
Concen: 52.11 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:202 Resp: 507715

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.1	0.0	38.1



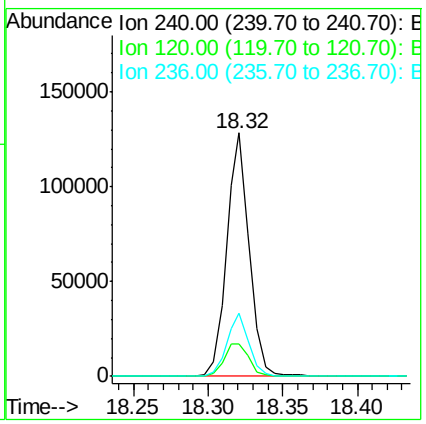


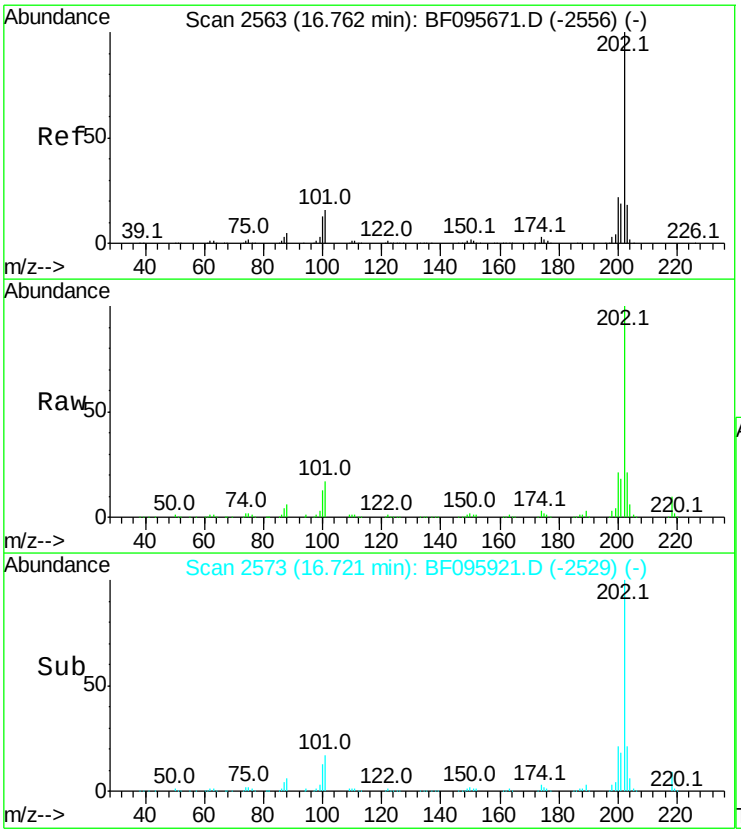
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 135587

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.9	20.5	30.7

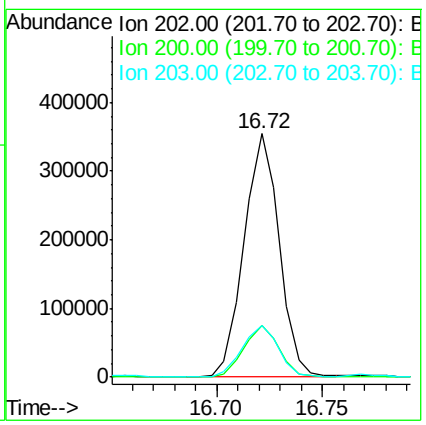


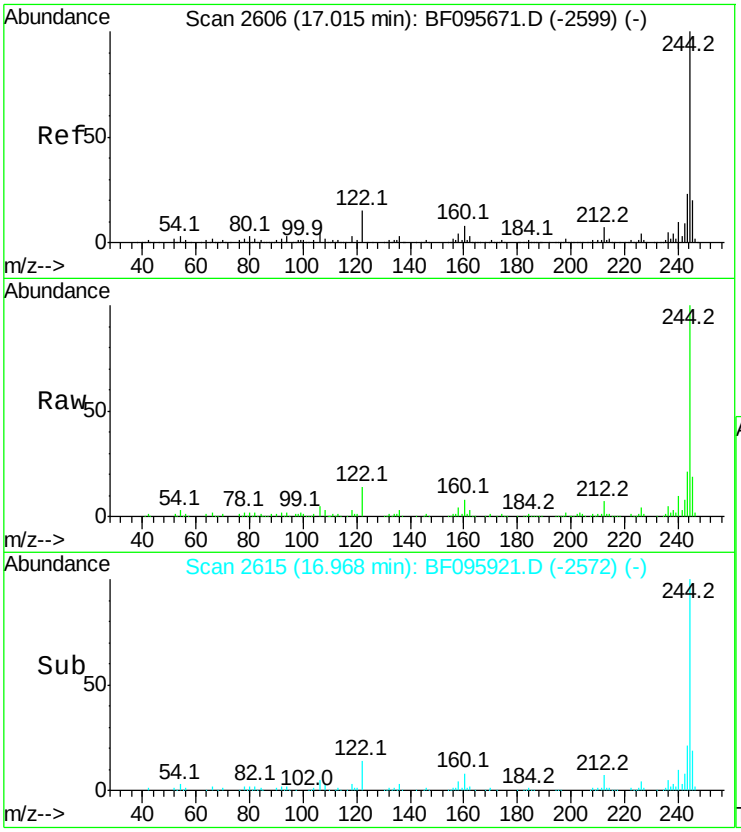


#77
Pyrene
Concen: 40.58 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:202 Resp: 410591

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	21.3	14.4	21.6



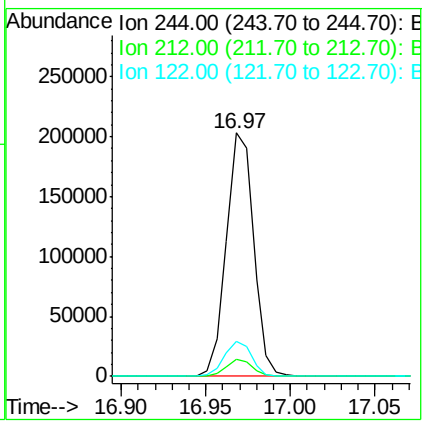


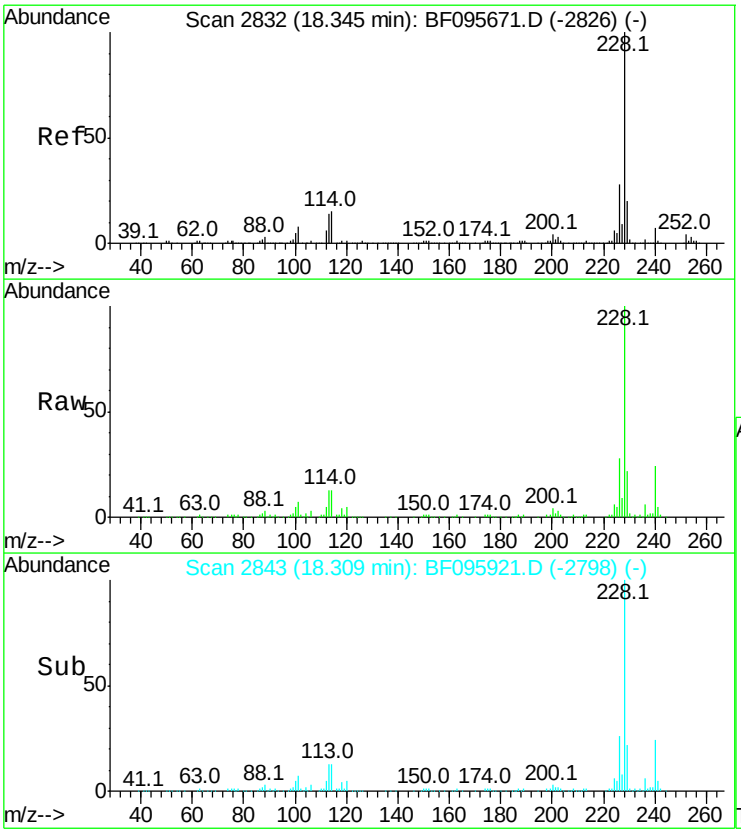
#78
Terphenyl-d14
Concen: 41.74 ng
RT: 16.97 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 228060

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5

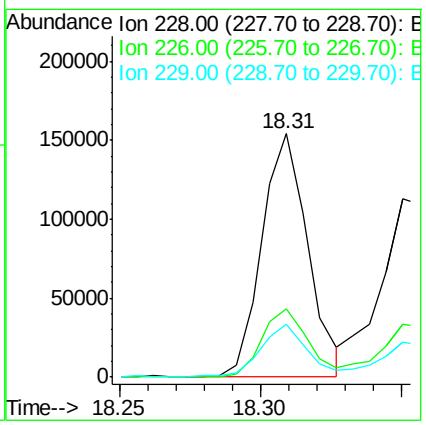


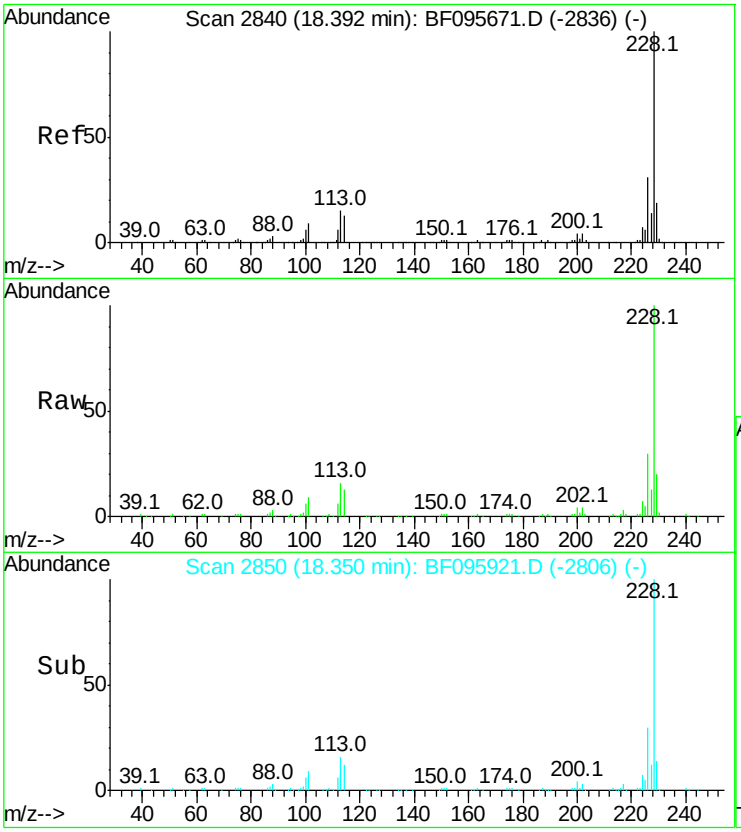


#80
Benzo(a)anthracene
Concen: 22.15 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:228 Resp: 174591

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.7	16.3	24.5



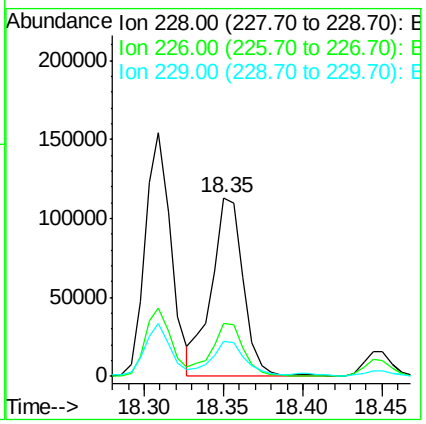


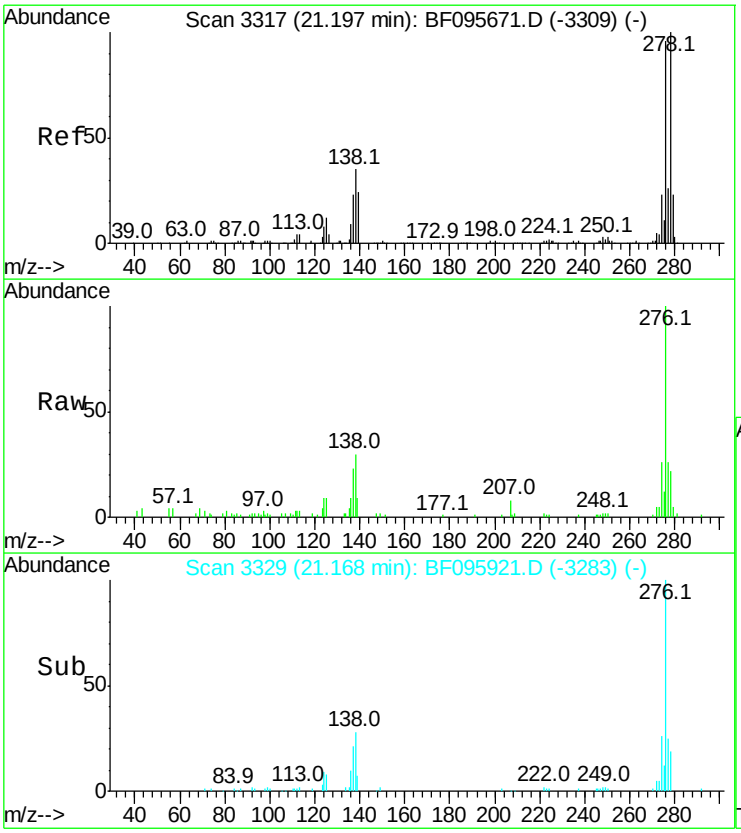
#82
Chrysene
Concen: 20.01 ng
RT: 18.35 min Scan# 2850
Delta R.T. -0.04 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 157648

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.8	15.8	23.6

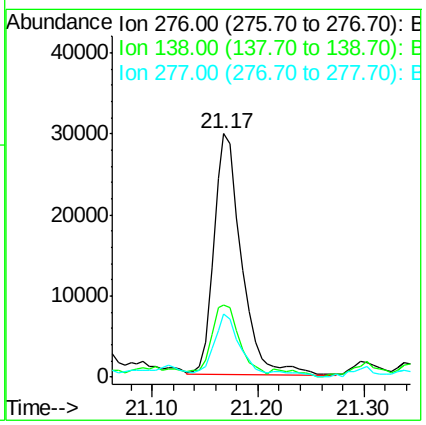


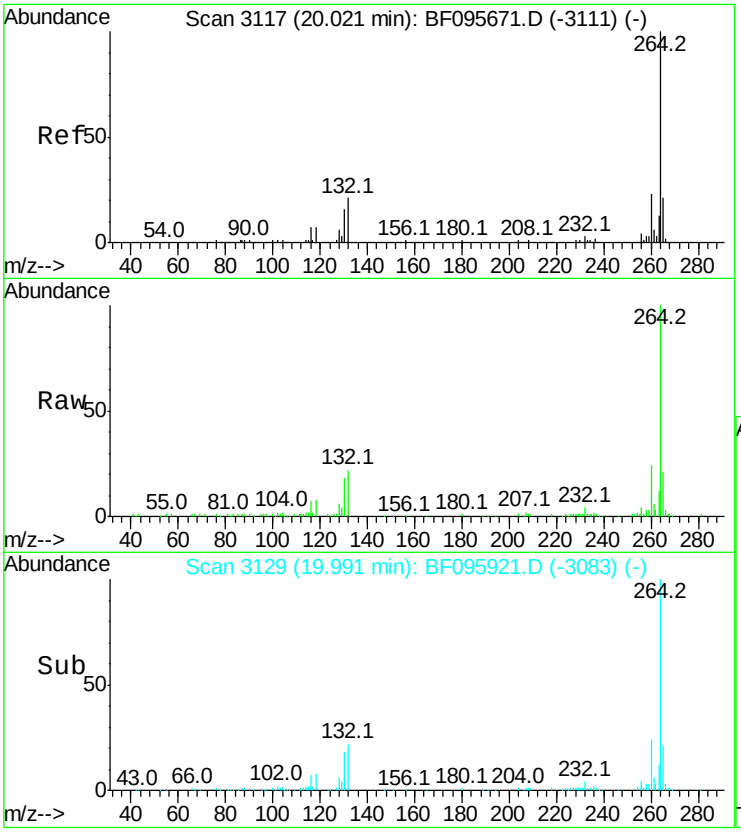


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.09 ng
RT: 21.17 min Scan# 3329
Delta R.T. -0.03 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:276 Resp: 54537

Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	21.5	20.2	30.4



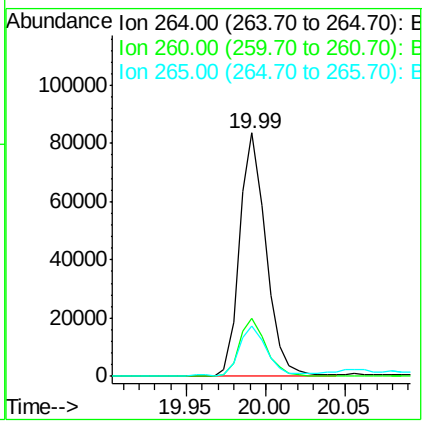


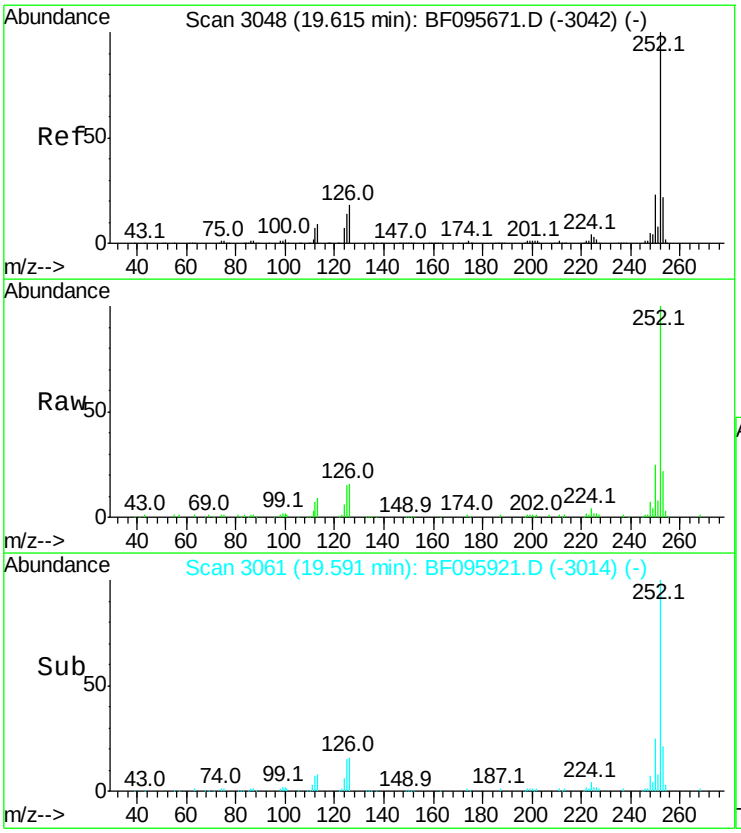
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 96643

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.7	17.2	25.8

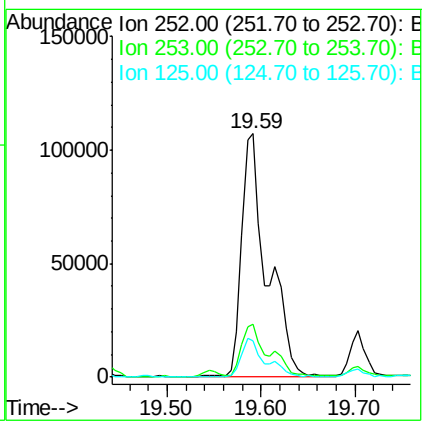


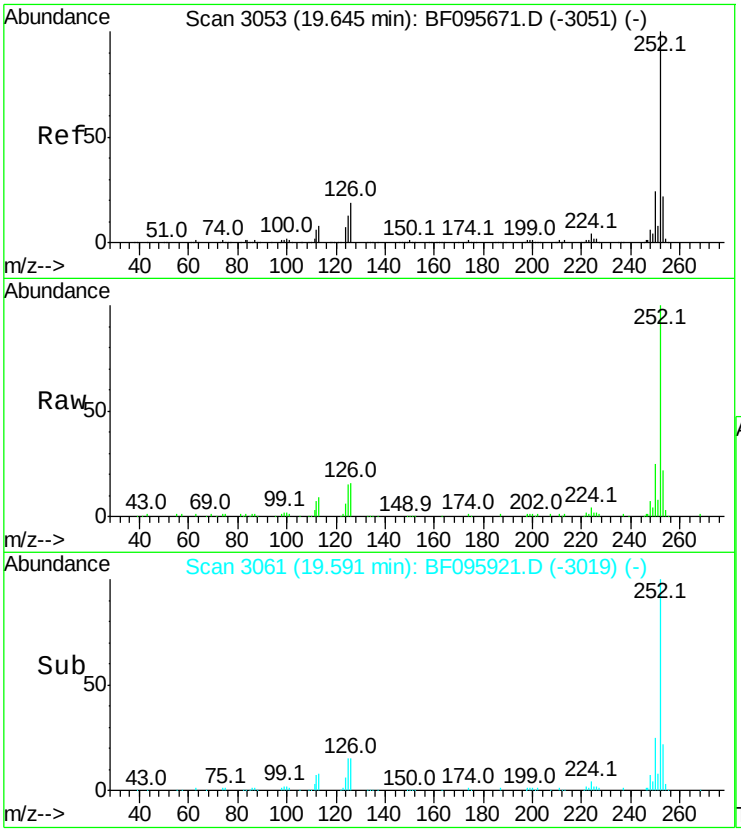


#87
Benzo(b)fluoranthene
Concen: 33.64 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:252 Resp: 203560

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	14.9	9.8	14.8#



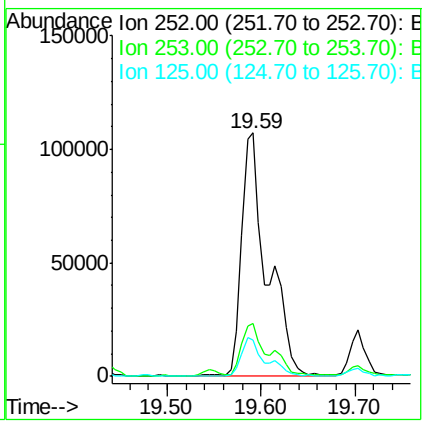


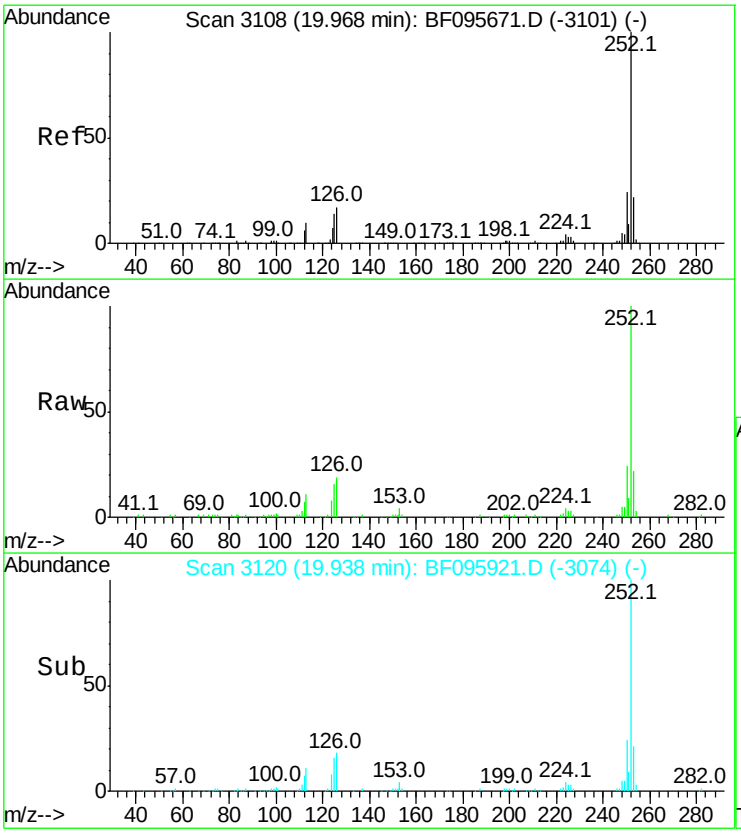
#88
Benzo(k)fluoranthene
Concen: 35.19 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.05 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 203560

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	14.9	13.1	19.7

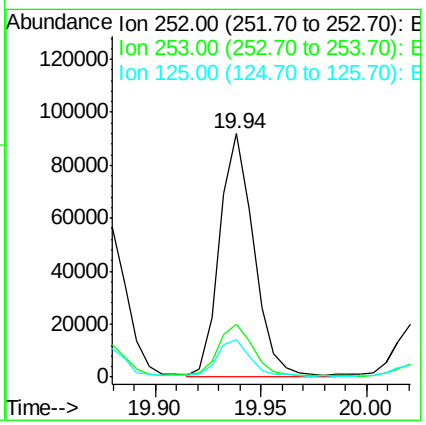


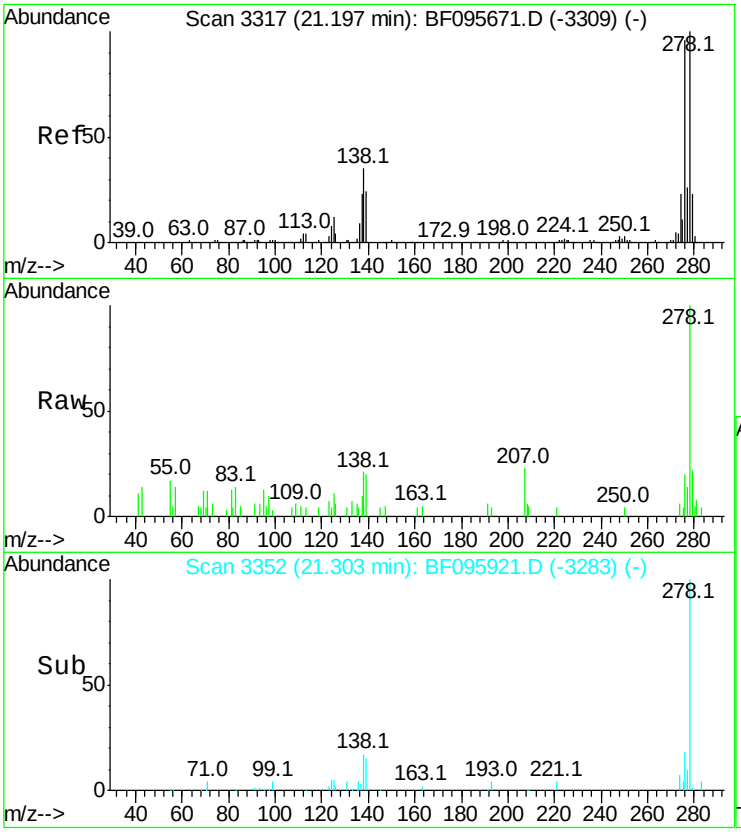


#89
Benzo(a)pyrene
Concen: 18.41 ng
RT: 19.94 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:252 Resp: 102403

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.6	11.0	16.4



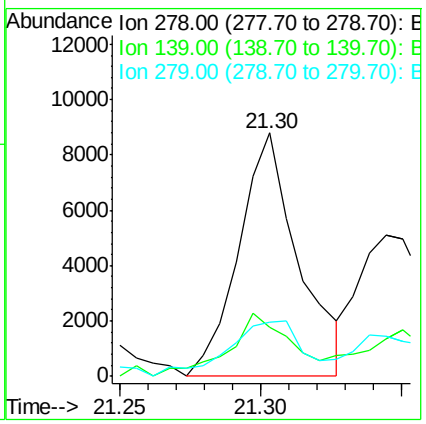


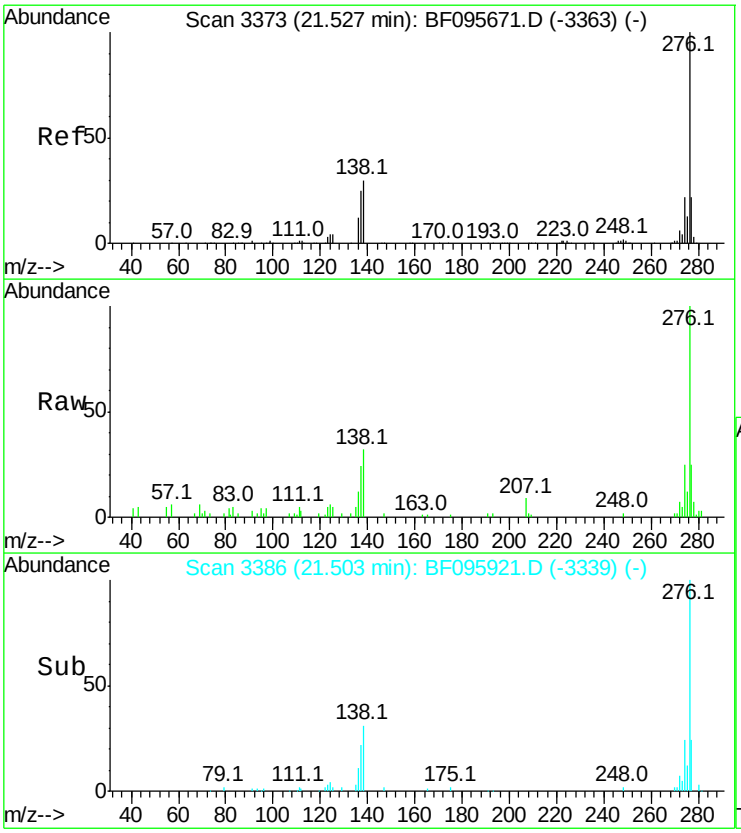
#90
Dibenzo(a,h)anthracene
Concen: 2.74 ng
RT: 21.30 min Scan# 3352
Delta R.T. 0.11 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 12911

Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.6	24.8
279	22.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.93 ng
RT: 21.50 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BF095921.D
Acq: 14 Jun 2017 8:36

Tgt Ion:276 Resp: 47742

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	31.9	25.4	38.0