Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095141.D
Acq On : 15 May 2017 23:32
Operator : SJ/MA
Sample : I3140-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 06:00:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	74258	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	298895	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	127507	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	189346	20.00	ng		0.05
75) Chrysene-d12	18.70	240	164005	20.00	ng		0.05
86) Perylene-d12	20.38	264	157031	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	48914	10.98	ng		0.12
7) Phenol-d6	7.35	99	72916	13.64	ng		0.08
23) Nitrobenzene-d5	8.70	82	38485	8.12	ng		0.06
41) 2,4,6-Tribromophenol	13.94	330	11782	11.28	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	90180	10.18	ng		0.04
78) Terphenyl-d14	17.35	244	54541	7.32	ng		0.04
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.62	165	12838	6.01	ng	#	31
51) Acenaphthene	12.68	154	25612	3.16	ng		96
55) 4-Nitrophenol	12.98	139	5970	4.34	ng	#	25
57) Fluorene	13.53	166	26912	2.76	ng		99
70) Phenanthrene	15.07	178	359324	33.03	ng		97
71) Anthracene	15.15	178	131369	11.82	ng		96
72) Carbazole	15.45	167	38552	3.81	ng	#	96
74) Fluoranthene	16.81	202	814407	72.98	ng		98
77) Pyrene	17.11	202	741950	60.49	ng		97
80) Benzo(a)anthracene	18.69	228	474493	49.71	ng		99
82) Chrysene	18.74	228	482712	52.30	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	21173	2.60	ng	#	98
85) Indeno(1,2,3-cd)pyrene	21.71	276	163146	21.77	ng		92
87) Benzo(b)fluoranthene	19.97	252	758648	78.19	ng		98
88) Benzo(k)fluoranthene	19.97	252	758648	81.05	ng		98
89) Benzo(a)pyrene	20.32	252	364301	40.69	ng		97
90) Dibenzo(a,h)anthracene	21.87	278	29728	4.02	ng		98
91) Benzo(g,h,i)perylene	22.09	276	153978	21.22	ng		98

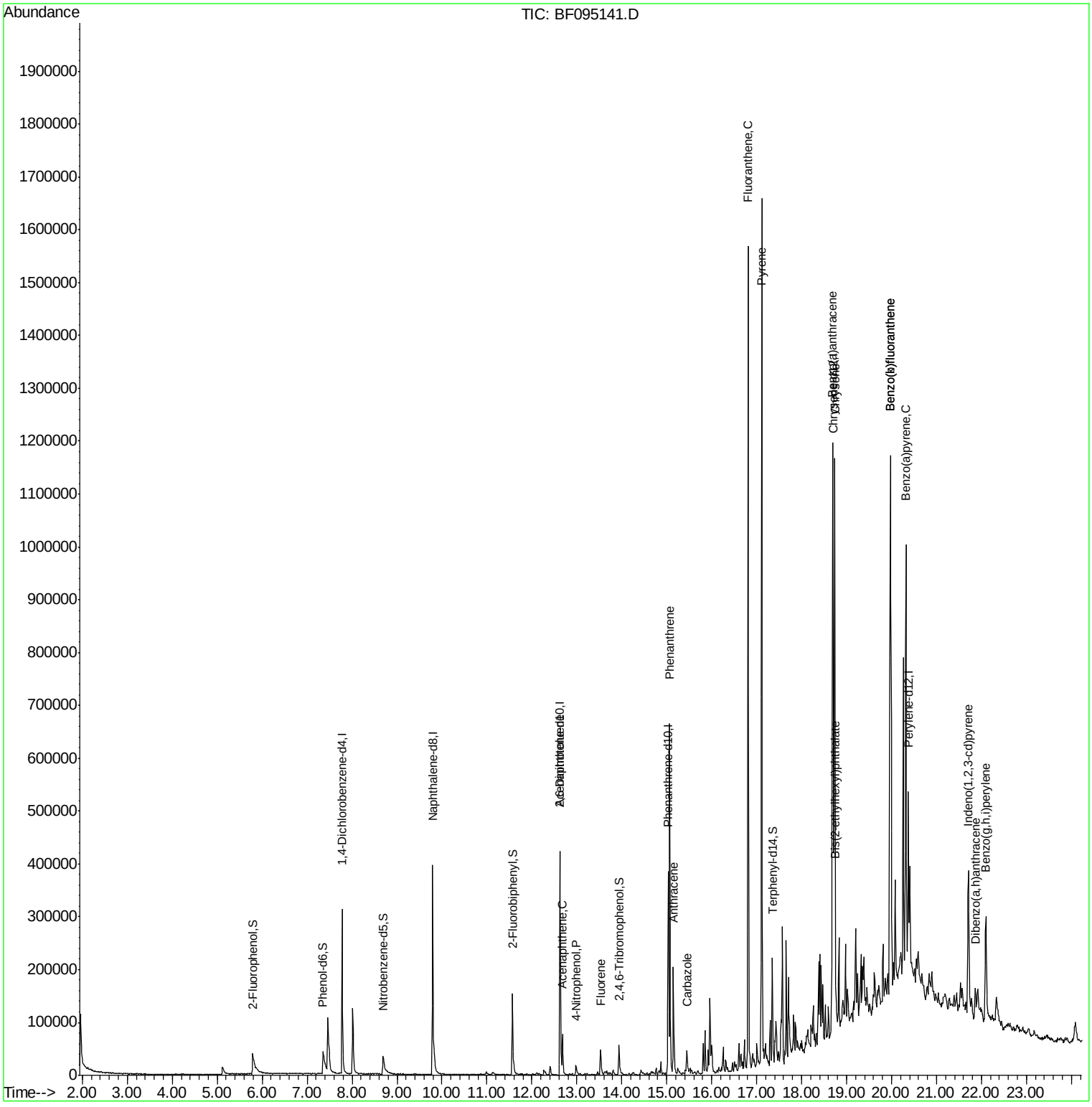
(#) = qualifier out of range (m) = manual integration (+) = signals summed

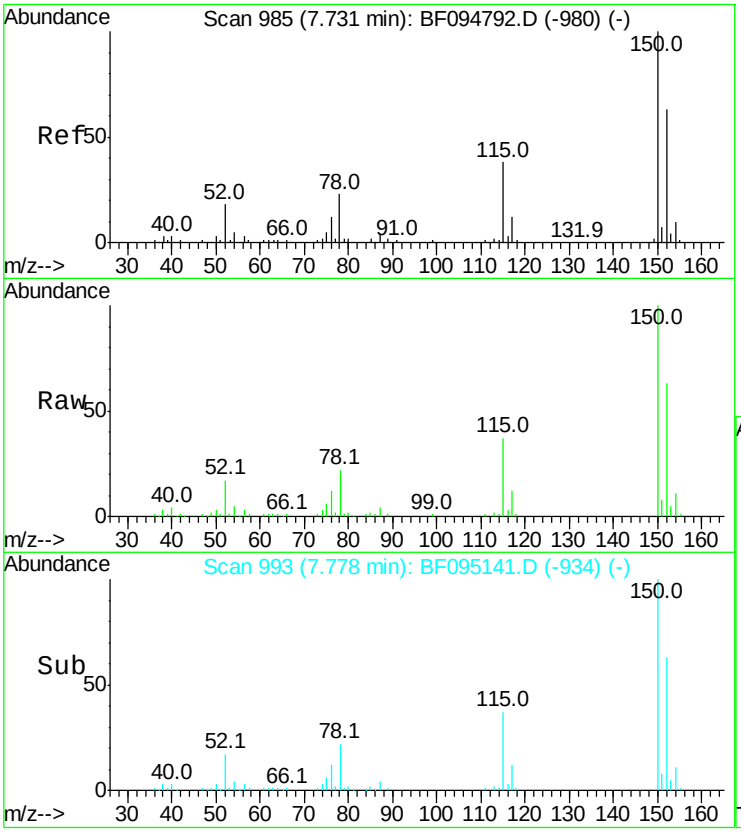
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095141.D
Acq On : 15 May 2017 23:32
Operator : SJ/MA
Sample : I3140-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 06:00:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



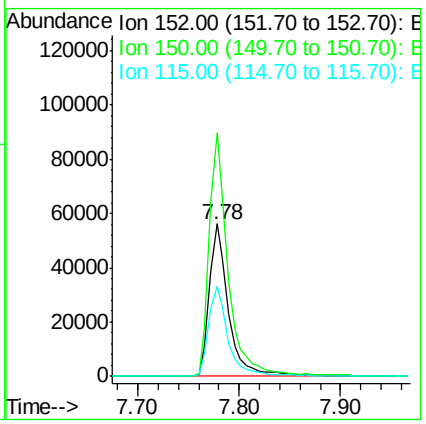


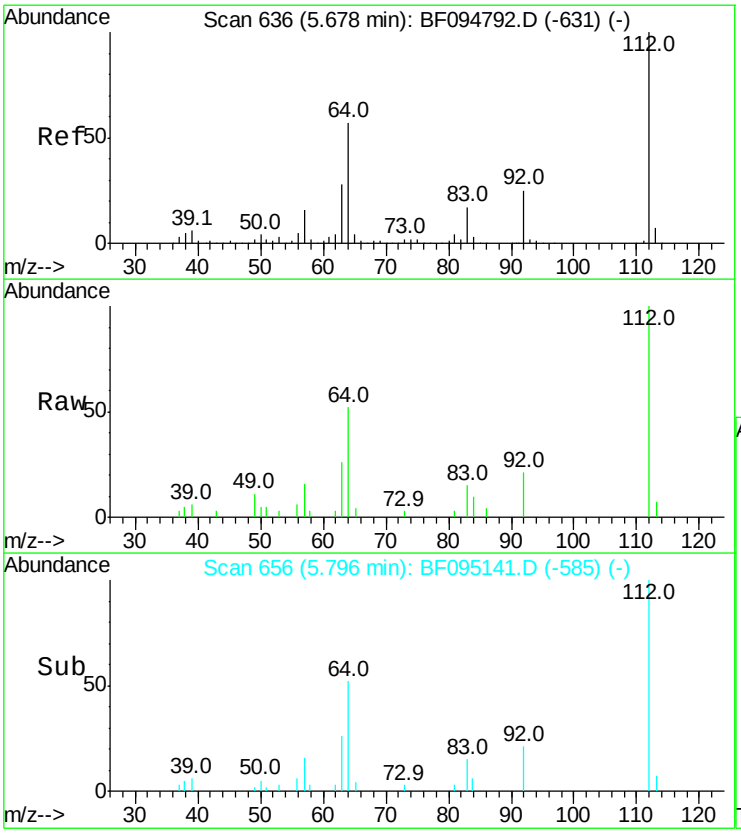
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 74258

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	59.0	52.2	78.2

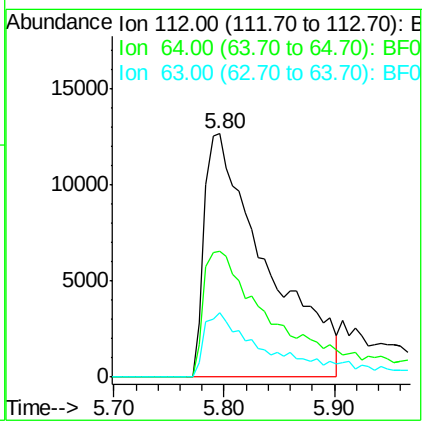


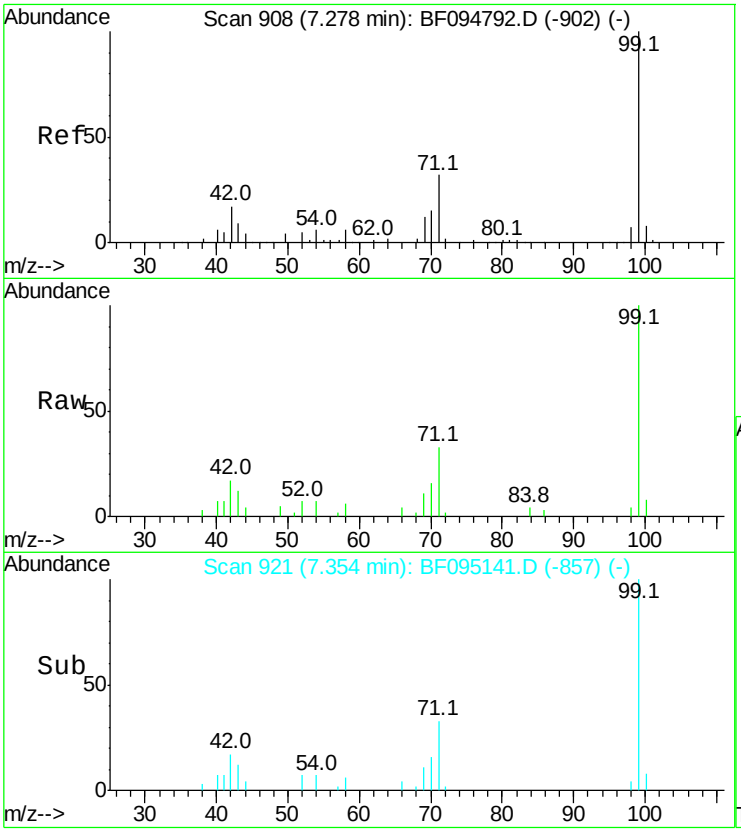


#5
2-Fluorophenol
Concen: 10.98 ng
RT: 5.80 min Scan# 656
Delta R.T. 0.12 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:112 Resp: 48914

Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	26.3	23.4	35.0



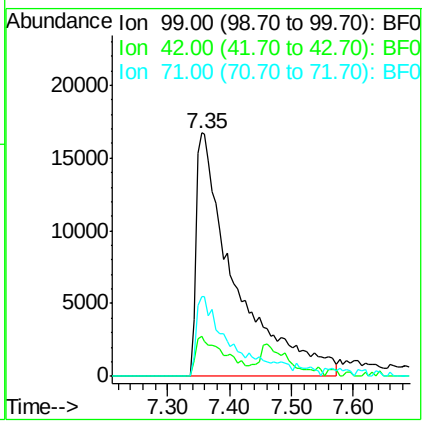


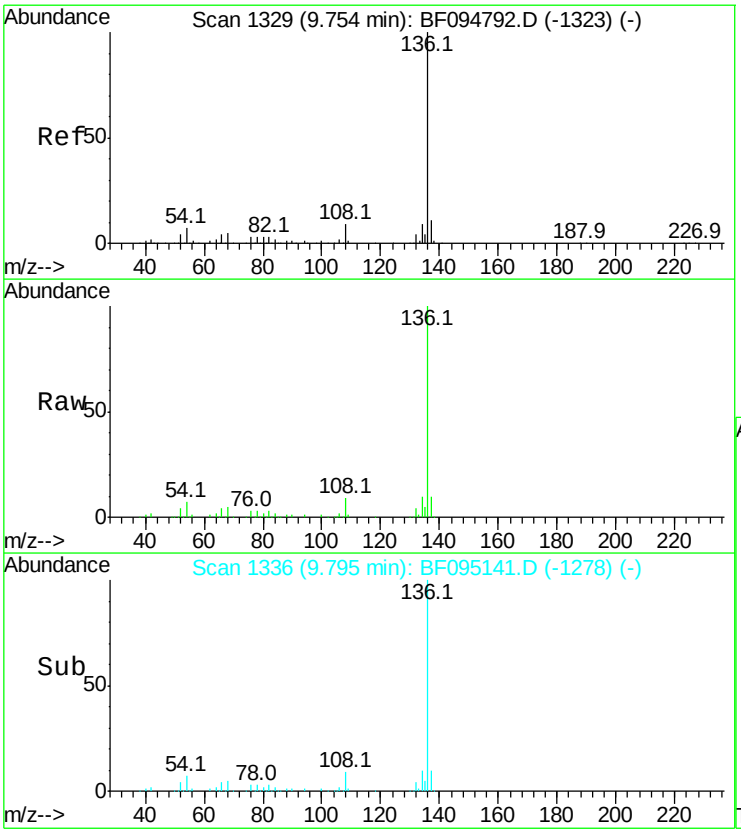
#7
Phenol-d6
Concen: 13.64 ng
RT: 7.35 min Scan# 921
Delta R.T. 0.08 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 72916

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.9	24.5	36.7

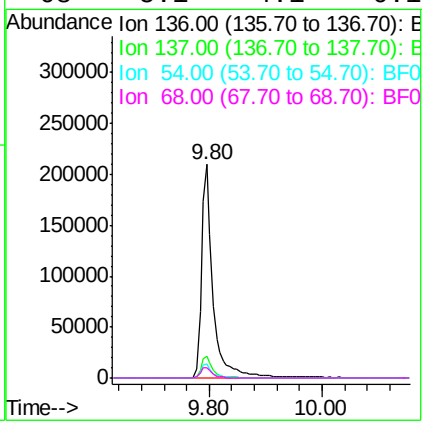


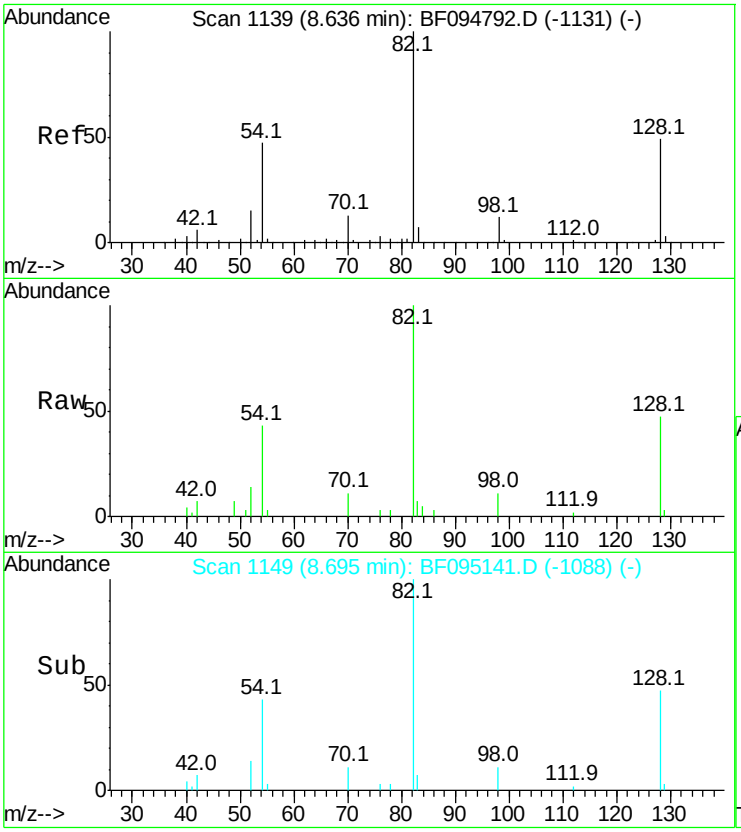


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:136 Resp: 298895

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1



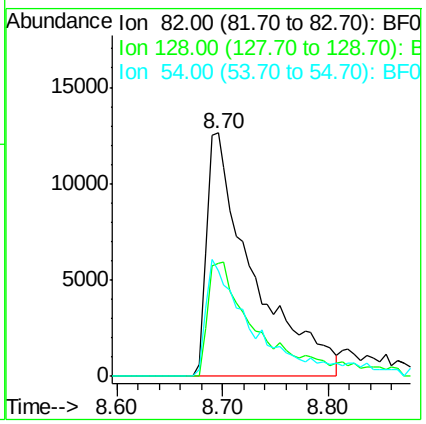


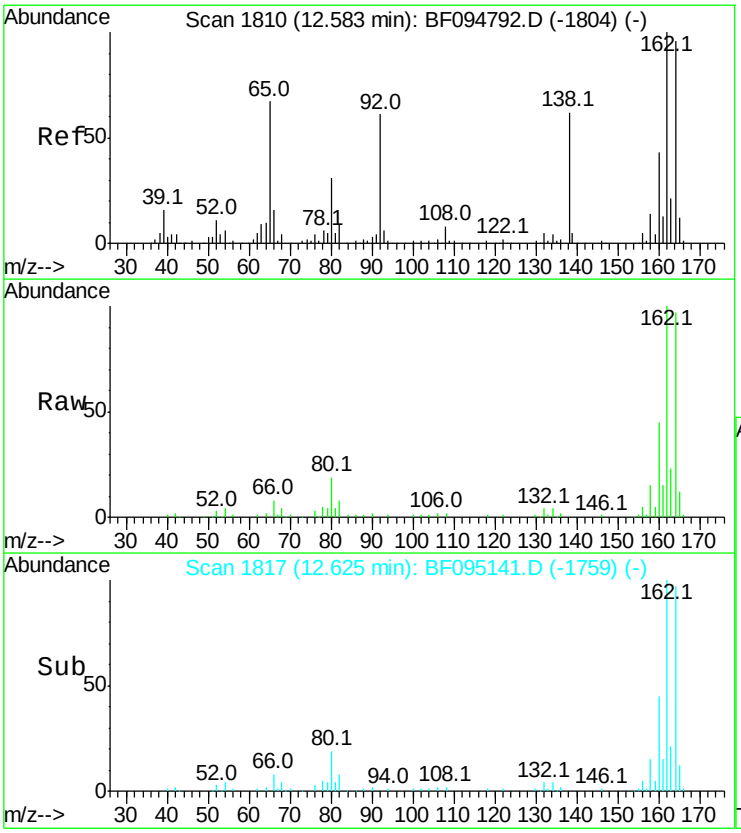
#23
Nitrobenzene-d5
Concen: 8.12 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.06 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 38485

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	43.2	42.2	63.2

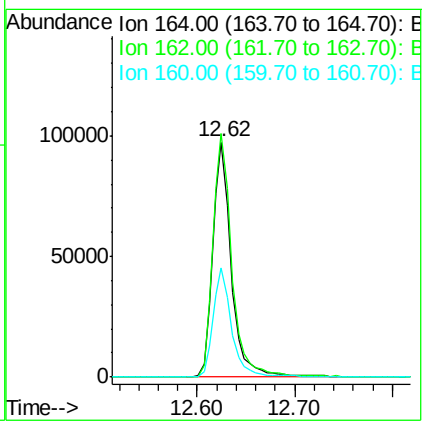


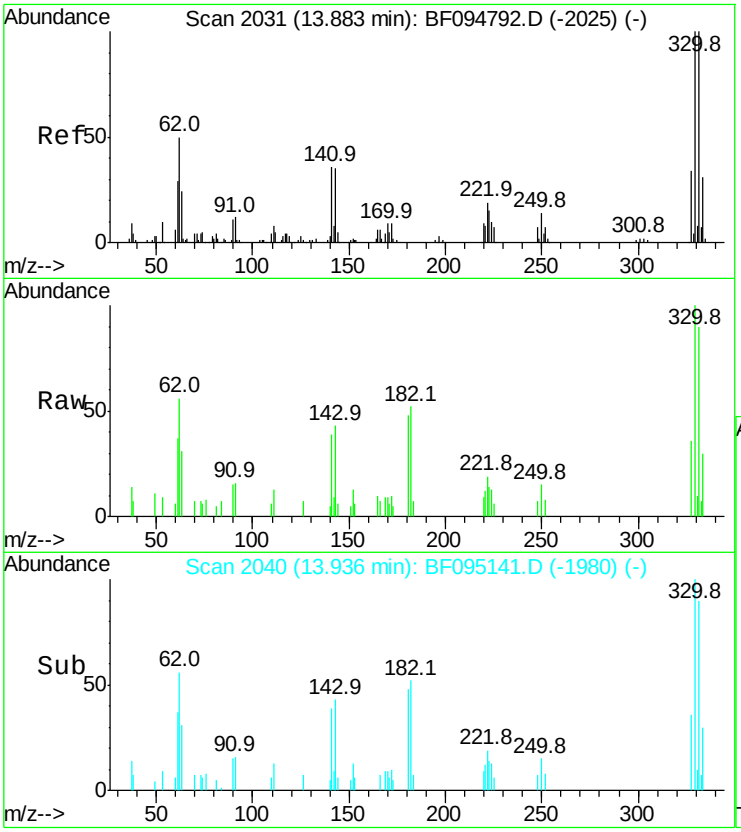


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:164 Resp: 127507

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.2	36.2	54.2



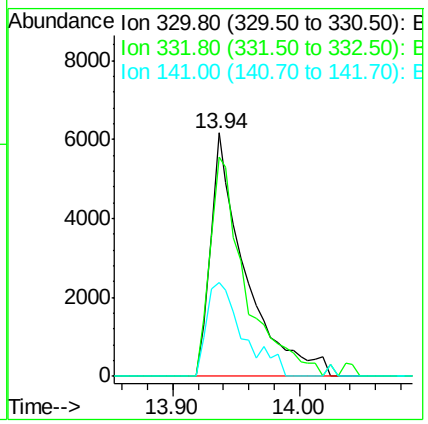


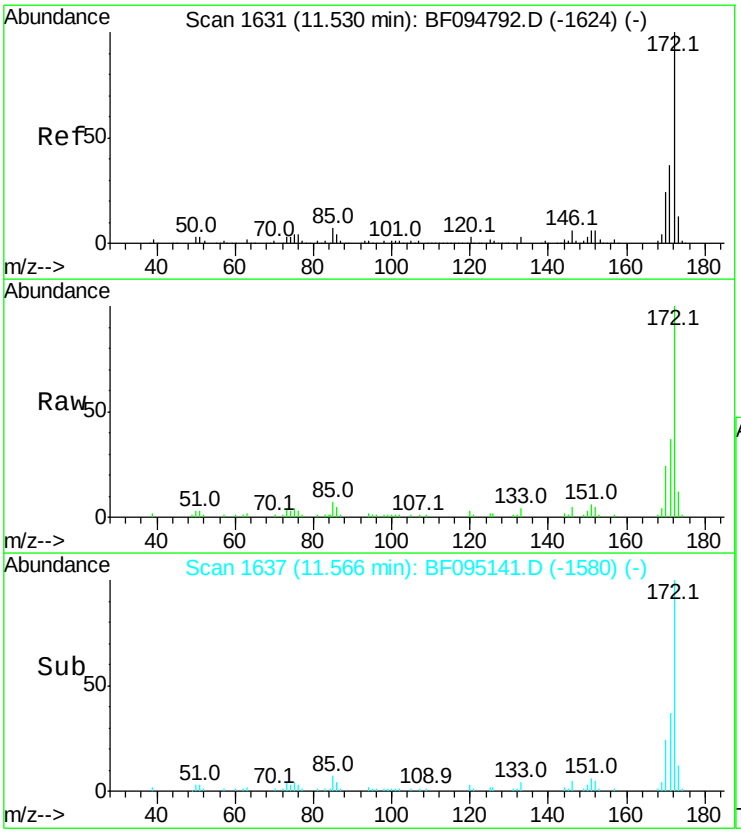
#41
2,4,6-Tribromophenol
Concen: 11.28 ng
RT: 13.94 min Scan# 2040
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 11782

Ion	Ratio	Lower	Upper
330	100		
332	92.4	76.6	115.0
141	40.5	31.4	47.2

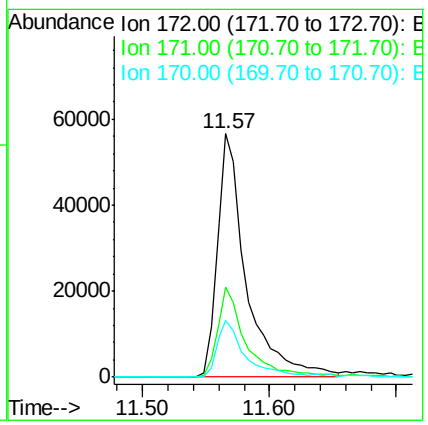


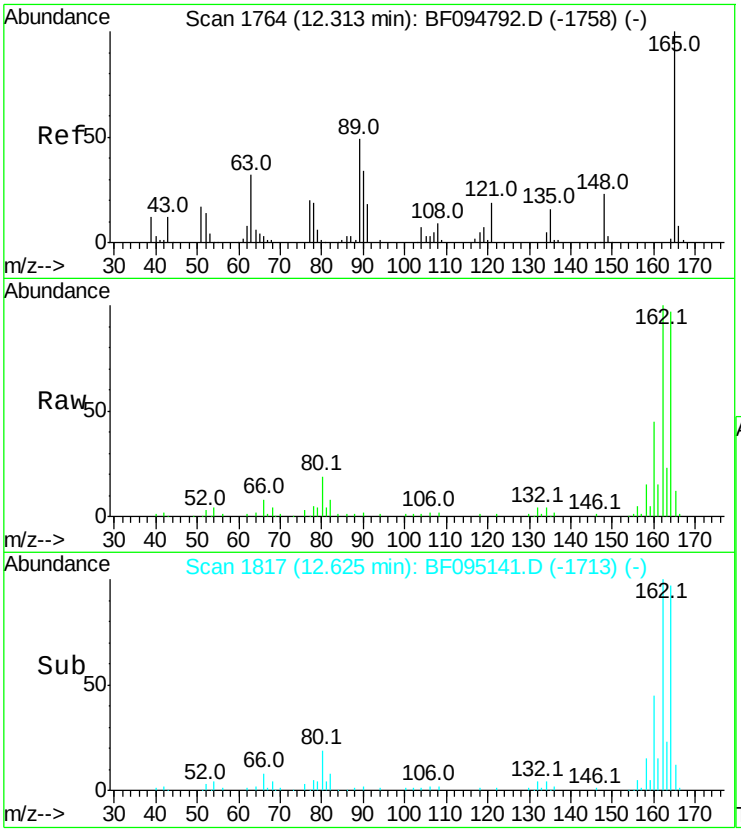


#44
2-Fluorobiphenyl
Concen: 10.18 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:172 Resp: 90180

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.6	19.8	29.8



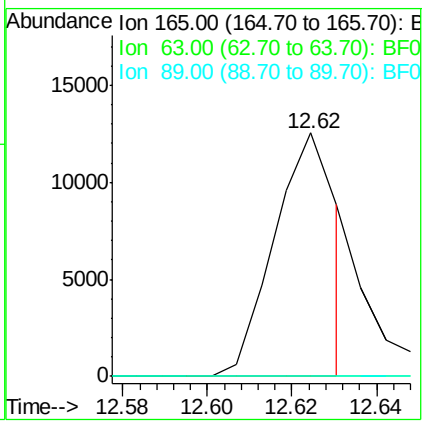


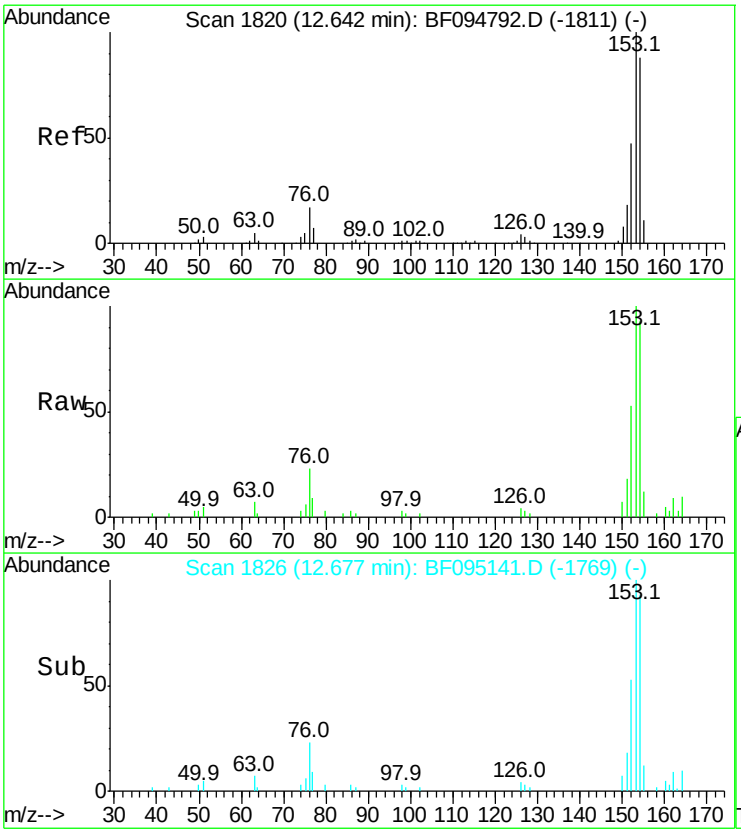
#50
2,6-Dinitrotoluene
Concen: 6.01 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.31 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12838

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

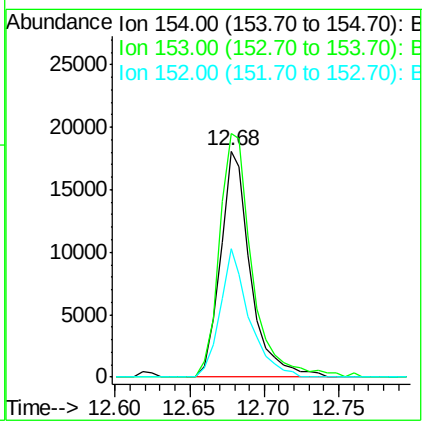


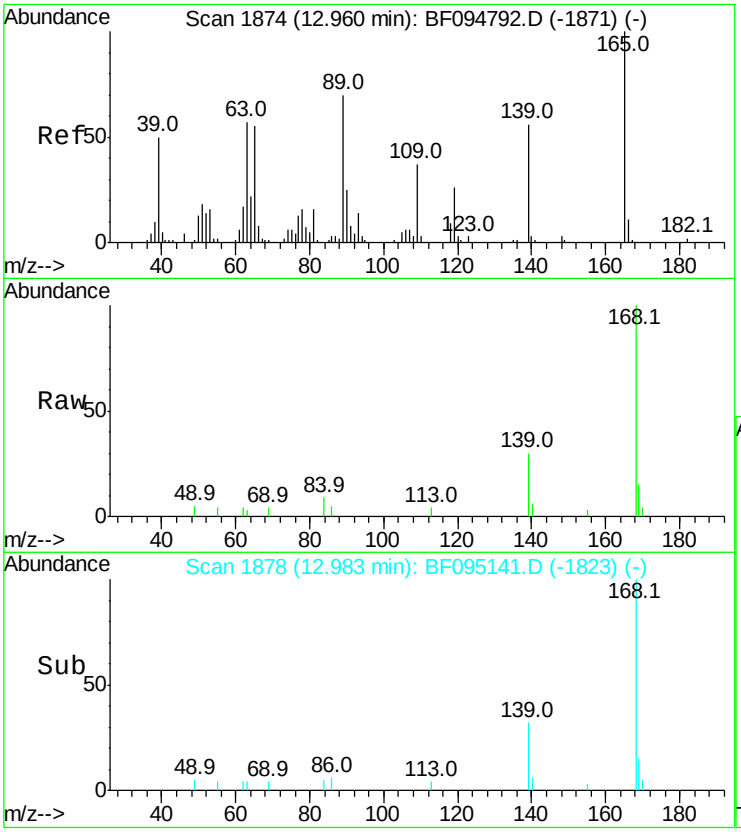


#51
Acenaphthene
Concen: 3.16 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:154 Resp: 25612

Ion	Ratio	Lower	Upper
154	100		
153	107.7	90.5	135.7
152	57.0	43.6	65.4



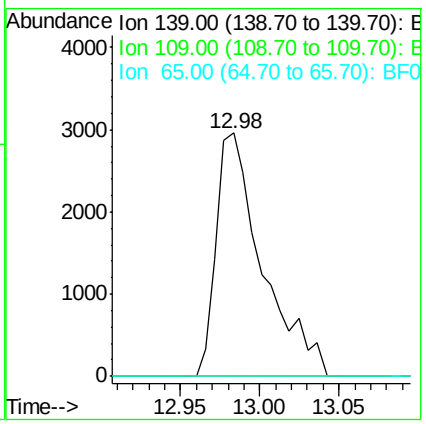


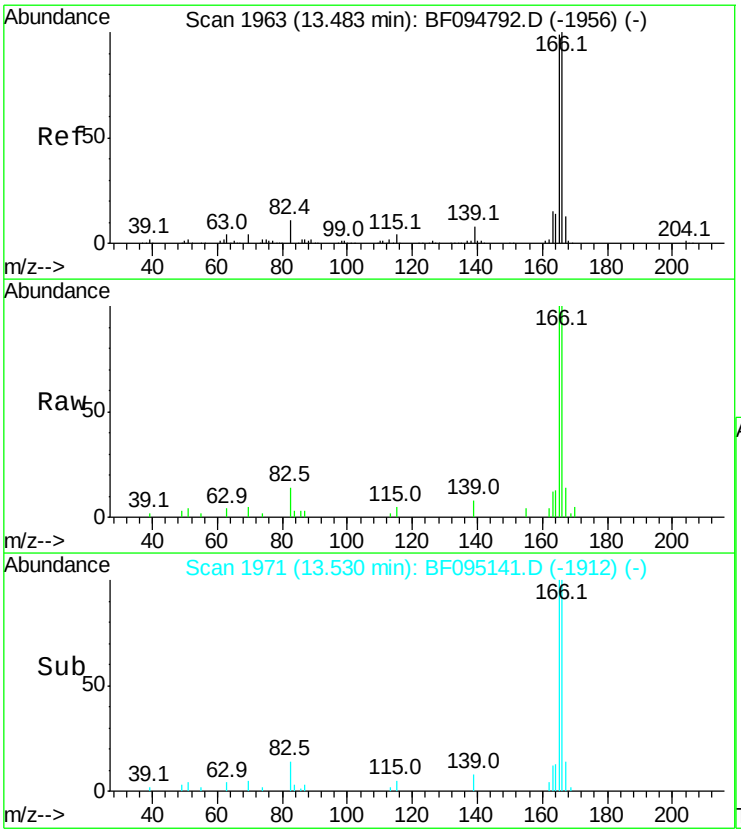
#55
4-Nitrophenol
Concen: 4.34 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5970

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

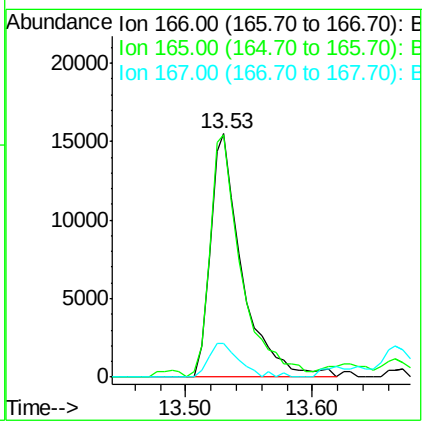


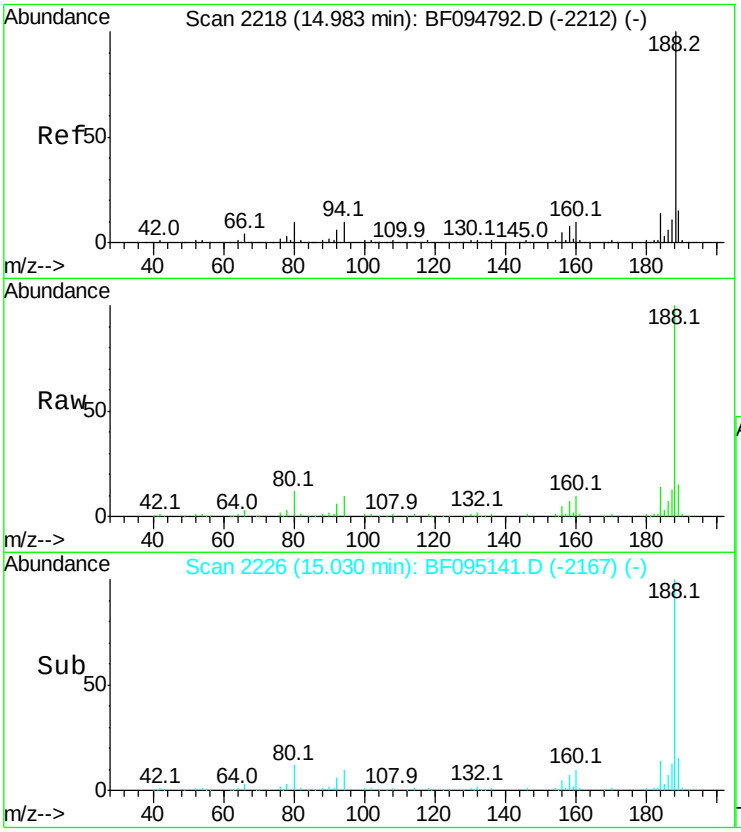


#57
Fluorene
Concen: 2.76 ng
RT: 13.53 min Scan# 1971
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:166 Resp: 26912

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.8	118.2
167	13.7	10.6	16.0



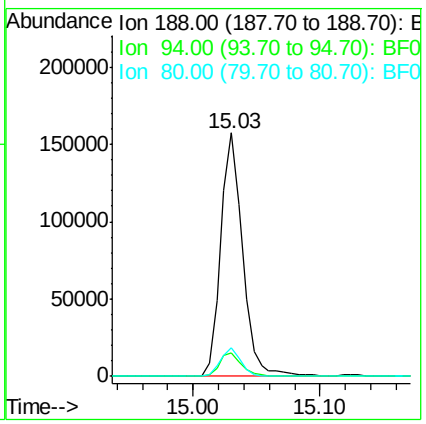


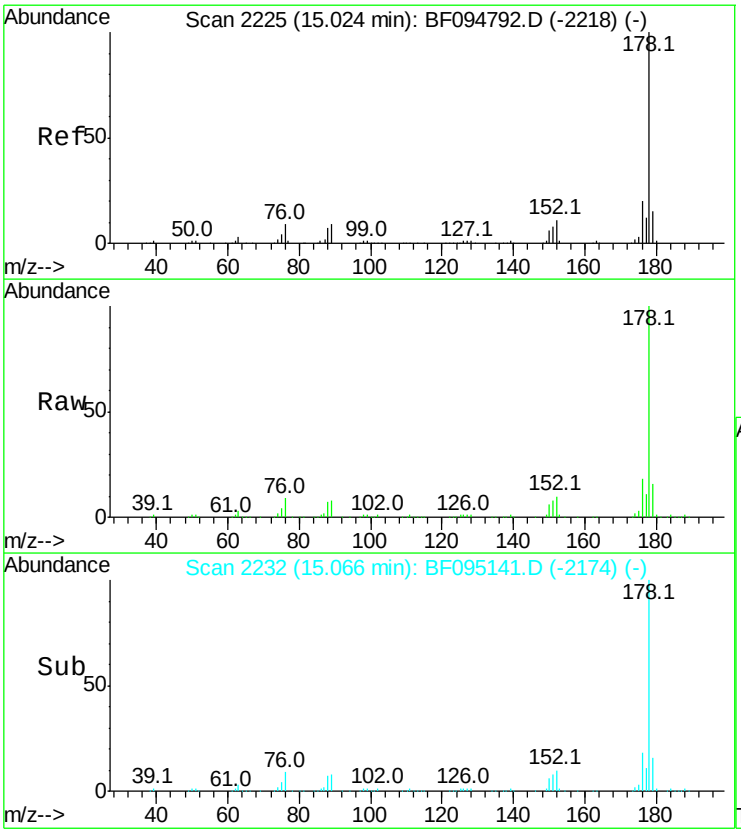
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 189346

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.5	10.2	15.2

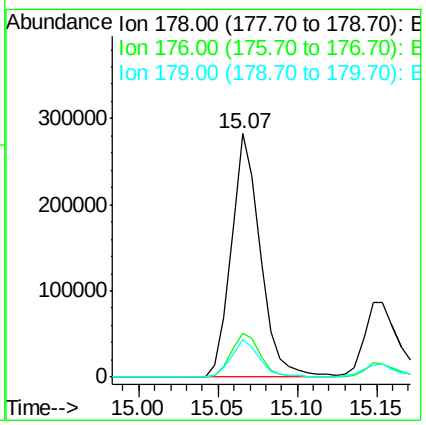


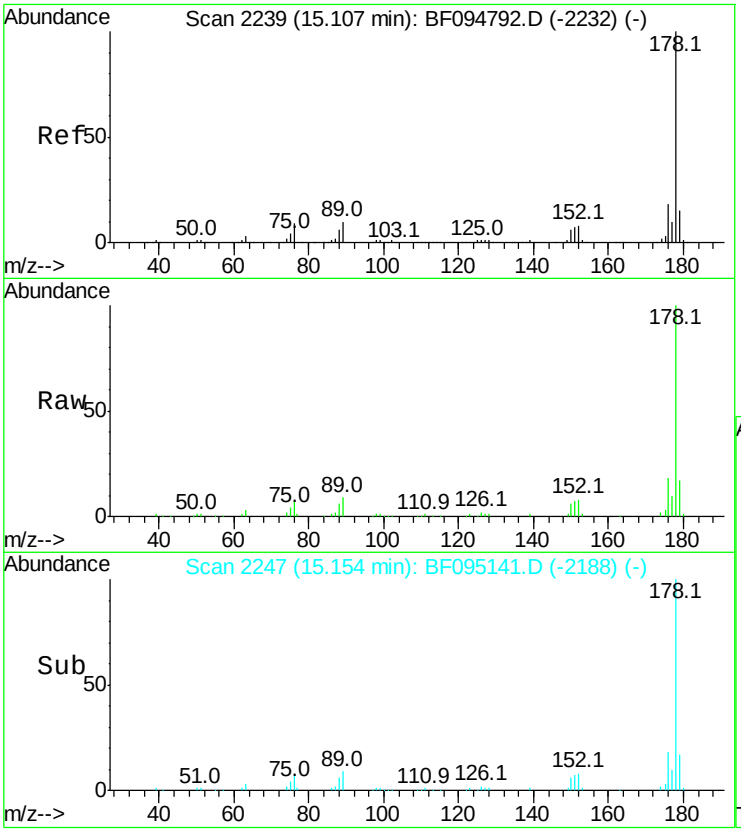


#70
Phenanthrene
Concen: 33.03 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:178 Resp: 359324

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.5	12.6	19.0



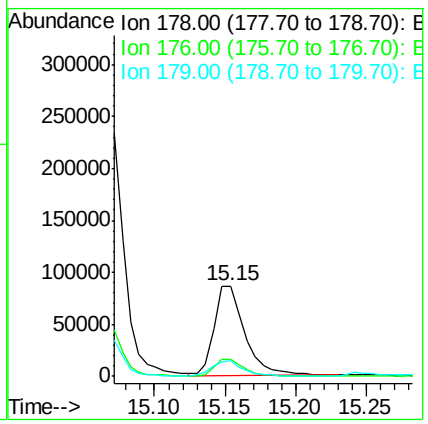


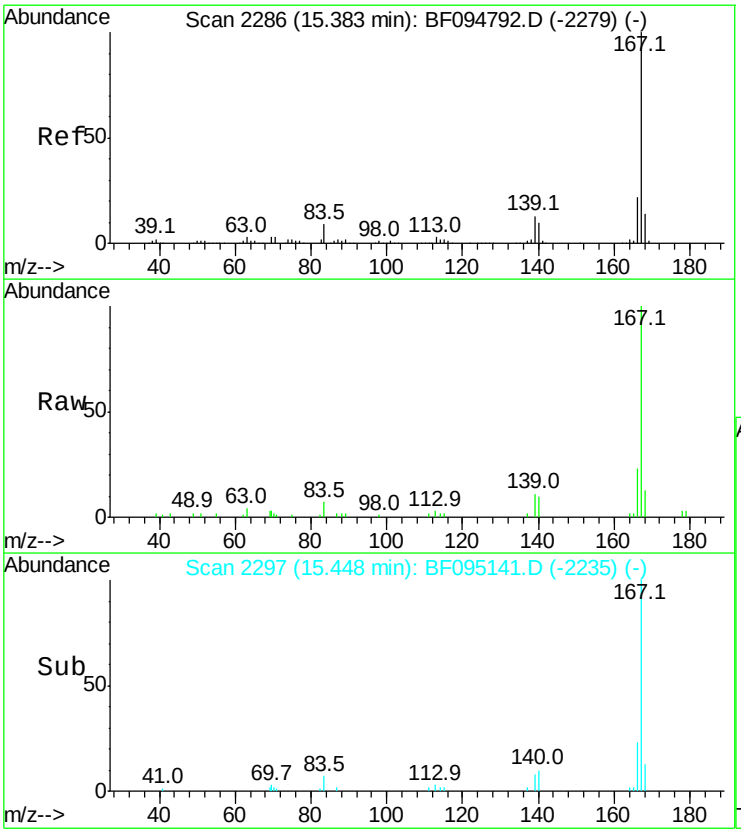
#71
Anthracene
Concen: 11.82 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 131369

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	17.4	12.7	19.1

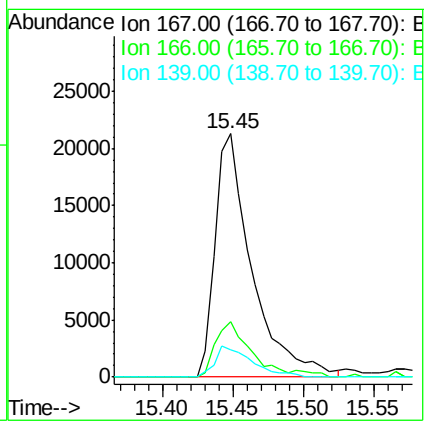


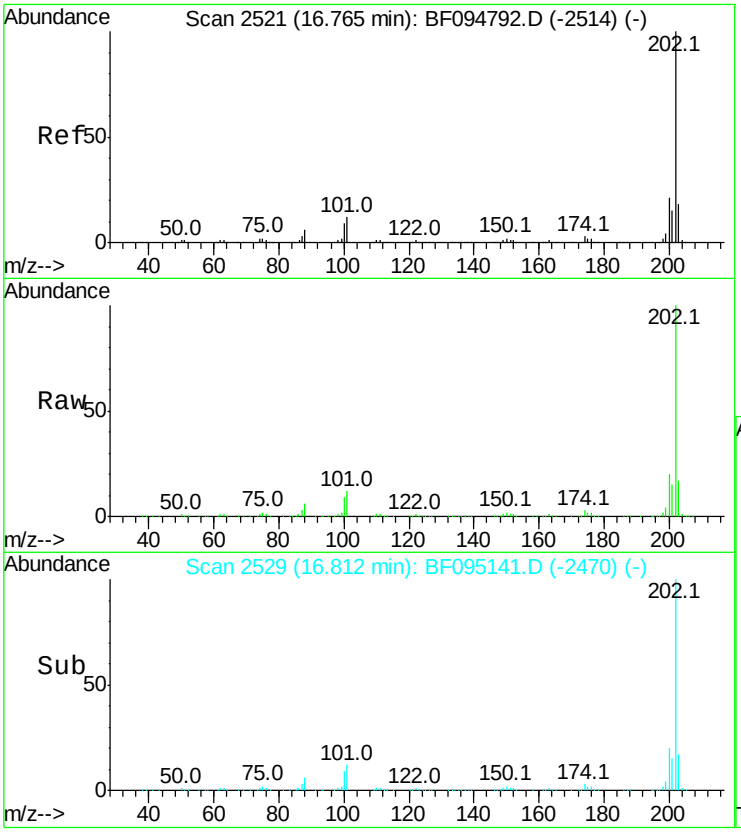


#72
Carbazole
Concen: 3.81 ng
RT: 15.45 min Scan# 2297
Delta R.T. 0.06 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:167 Resp: 38552

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	11.3	11.7	17.5#



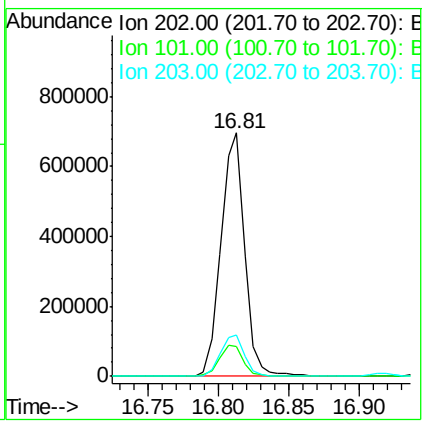


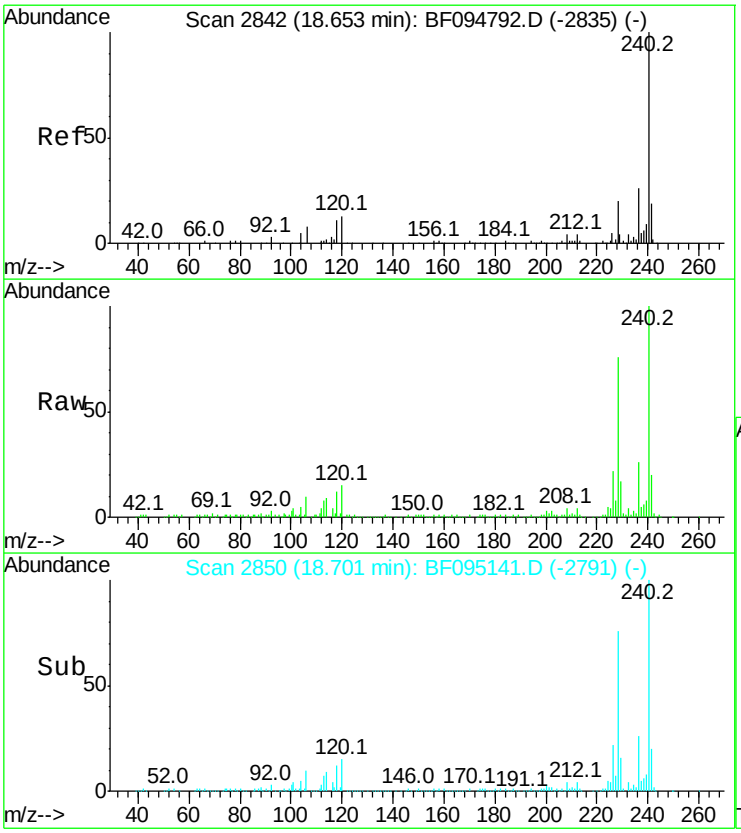
#74
Fluoranthene
Concen: 72.98 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 814407

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	38.1

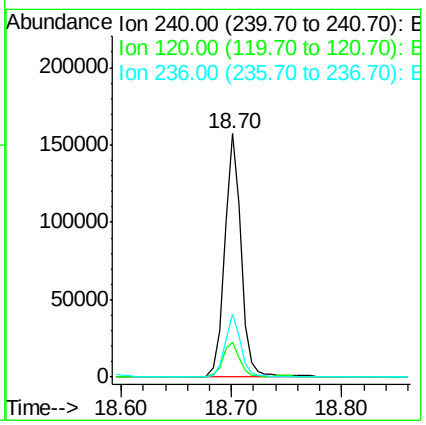


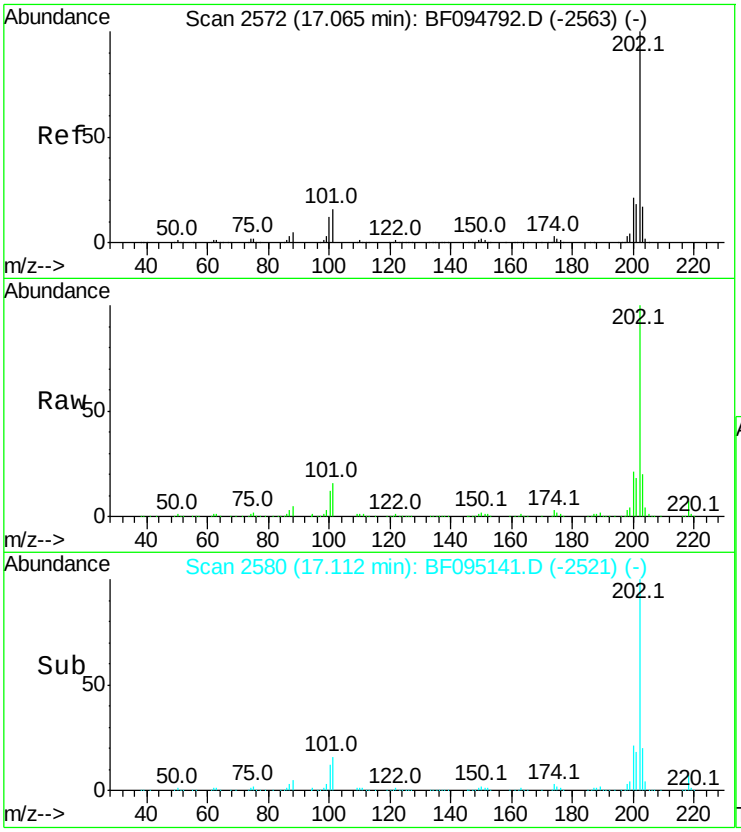


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:240 Resp: 164005

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.7	20.5	30.7



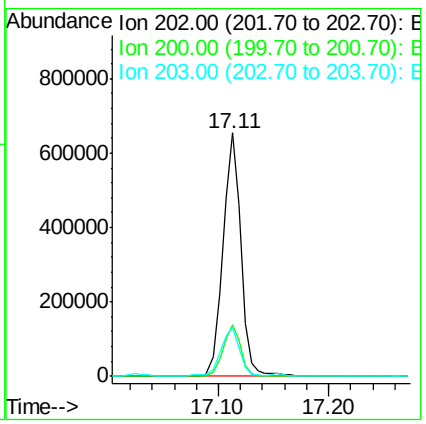


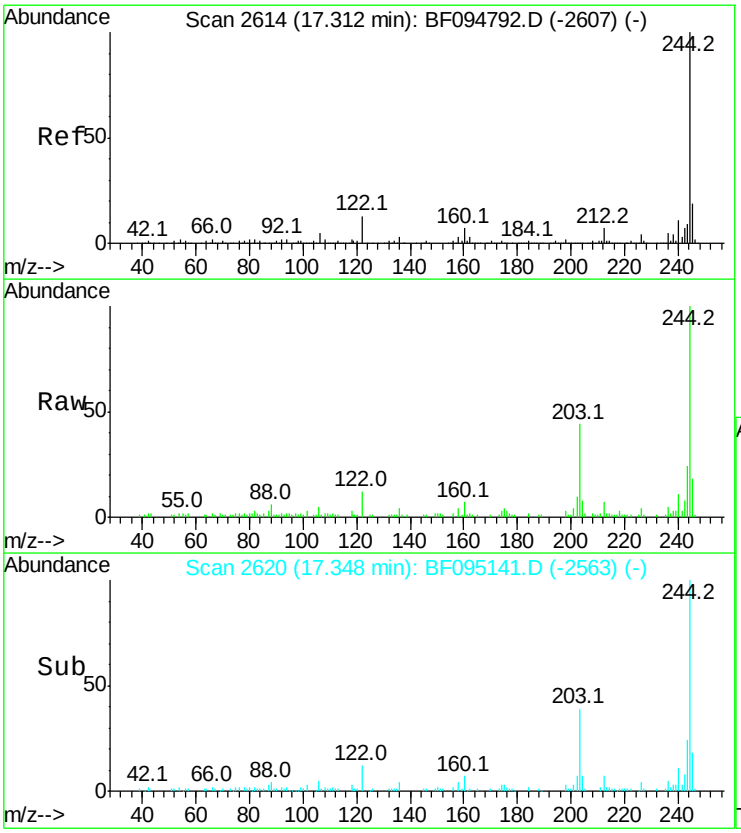
#77
Pyrene
Concen: 60.49 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 741950

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.9	14.4	21.6

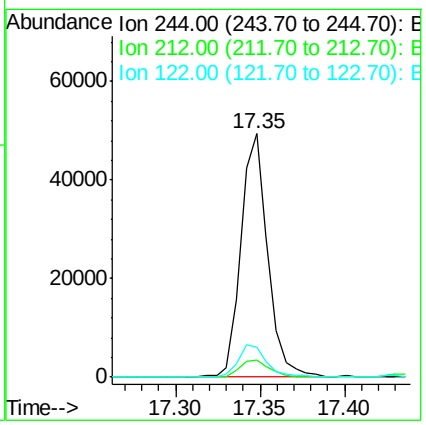


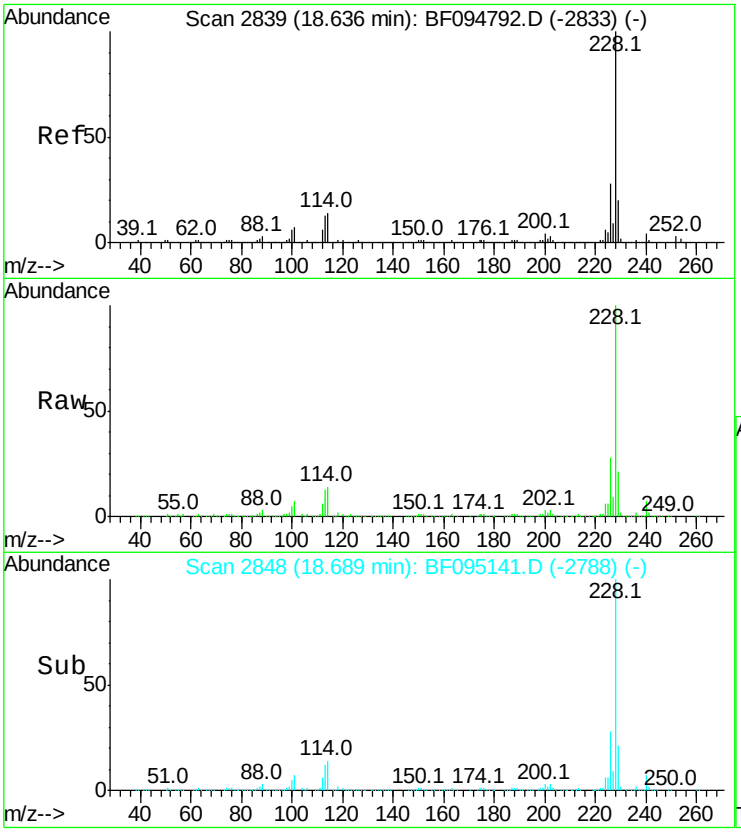


#78
Terphenyl-d14
Concen: 7.32 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:244 Resp: 54541

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.2	10.3	15.5



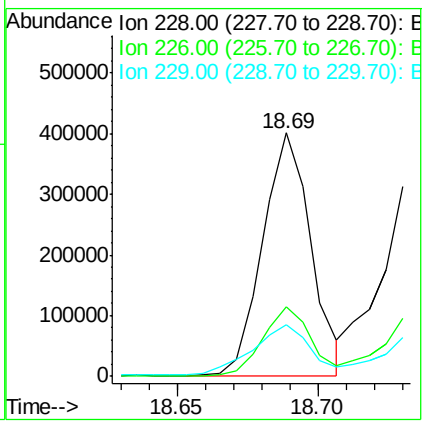


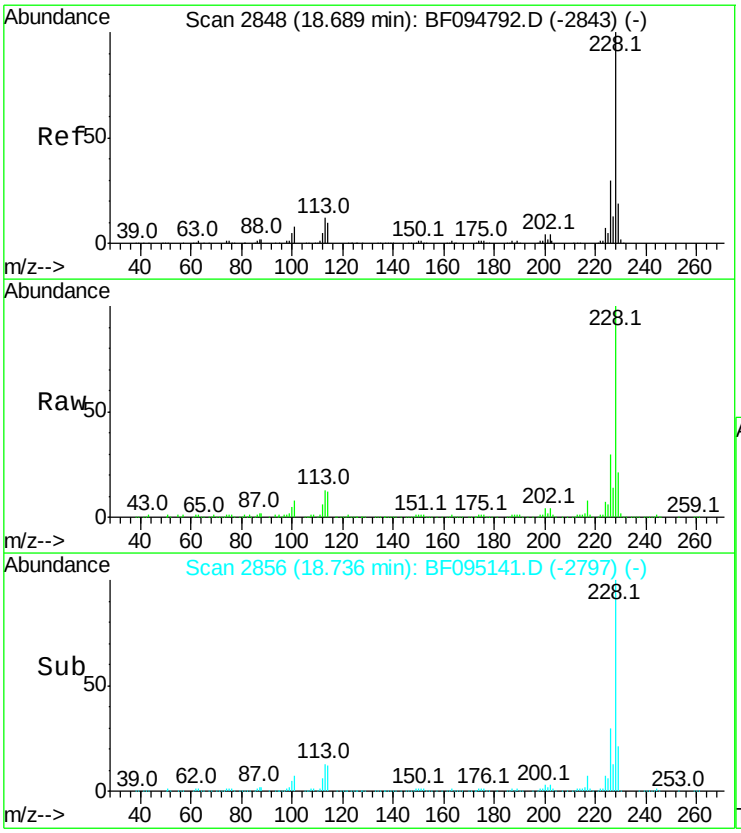
#80
Benzo(a)anthracene
Concen: 49.71 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 474493

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.2	16.3	24.5

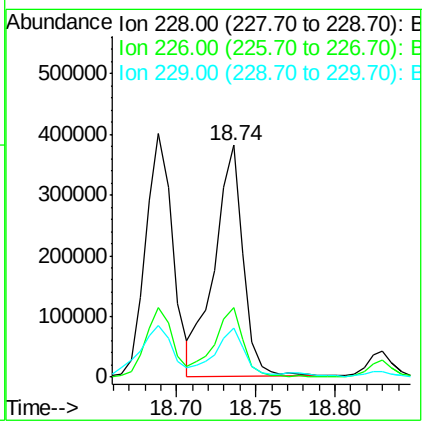


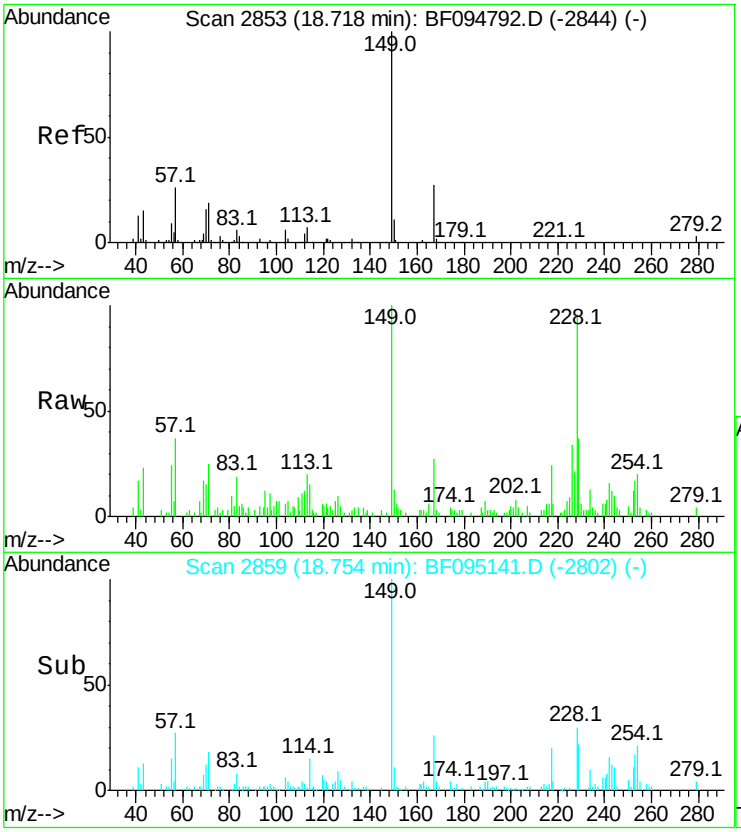


#82
Chrysene
Concen: 52.30 ng
RT: 18.74 min Scan# 2856
Delta R.T. 0.05 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:228 Resp: 482712

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.0	15.8	23.6



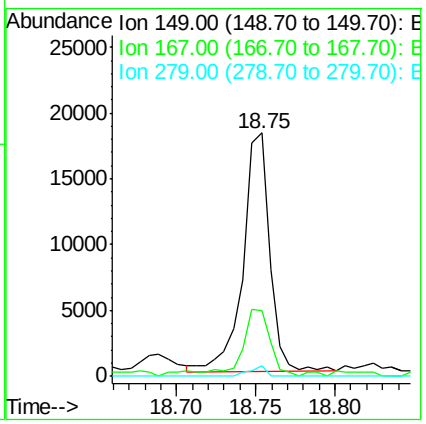


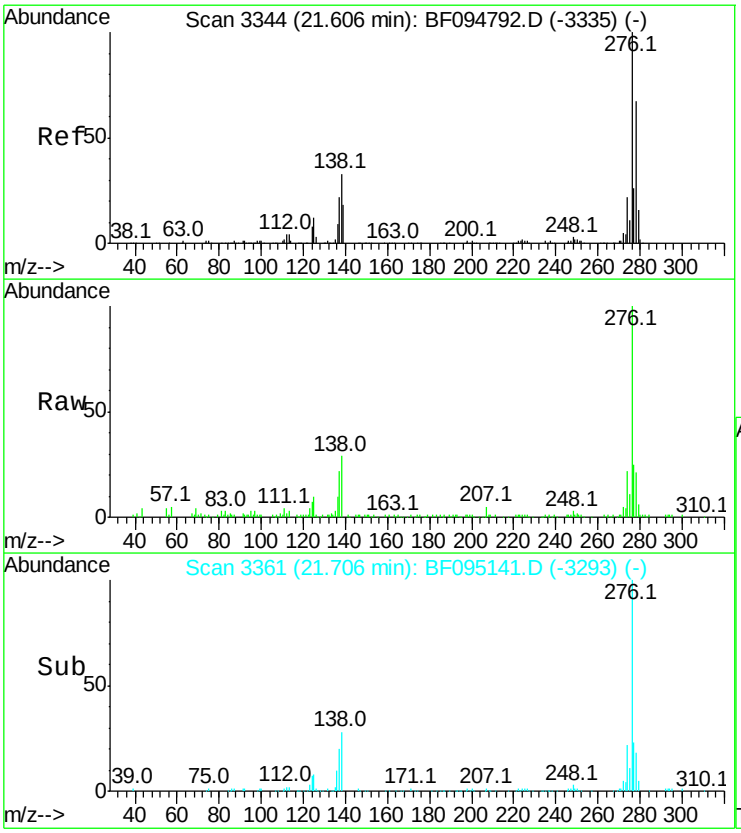
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.60 ng
RT: 18.75 min Scan# 2859
Delta R.T. 0.04 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21173

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	4.3	1.9	2.9#

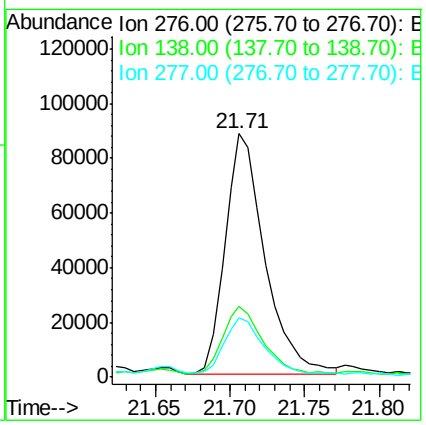


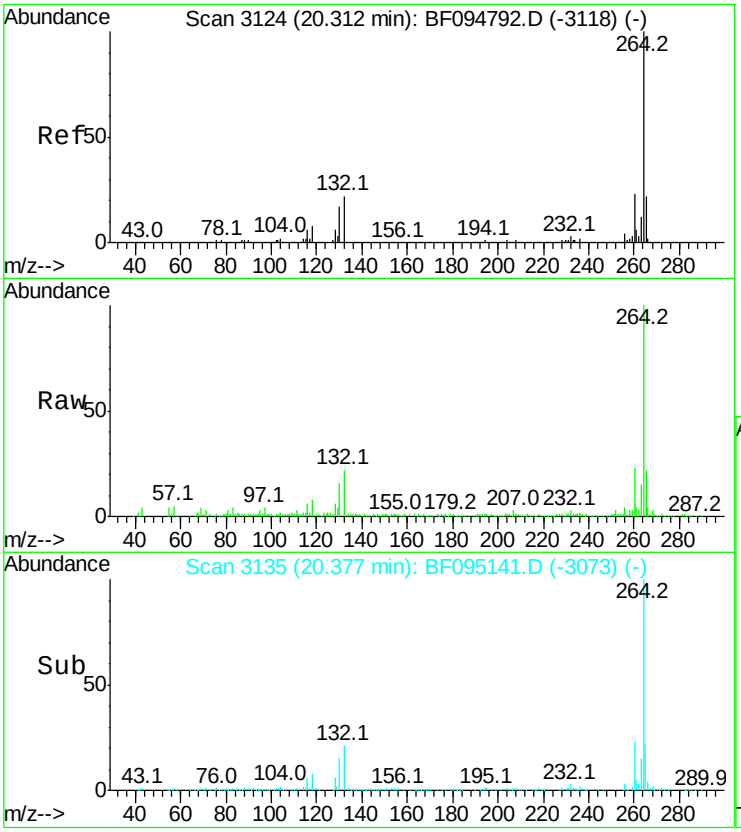


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.77 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:276 Resp: 163146

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	22.9	20.2	30.4



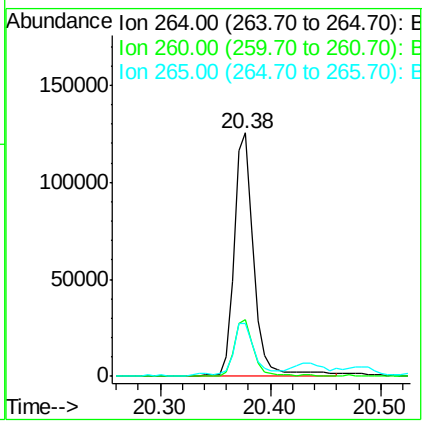


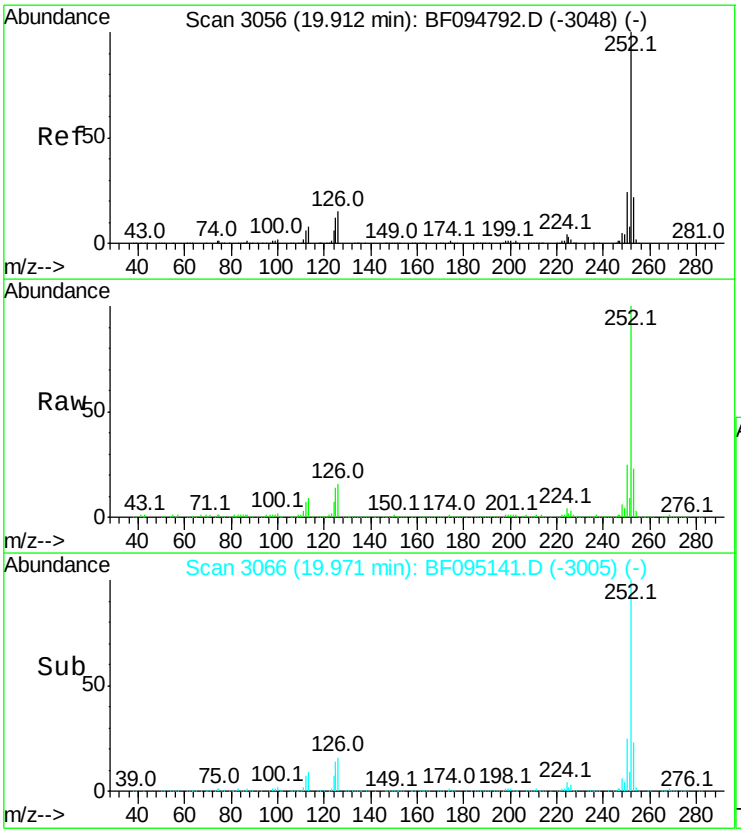
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 157031

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	17.2	25.8

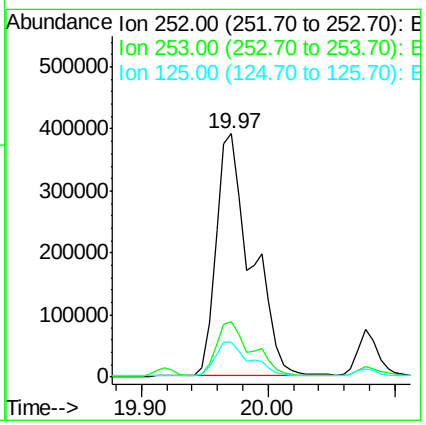


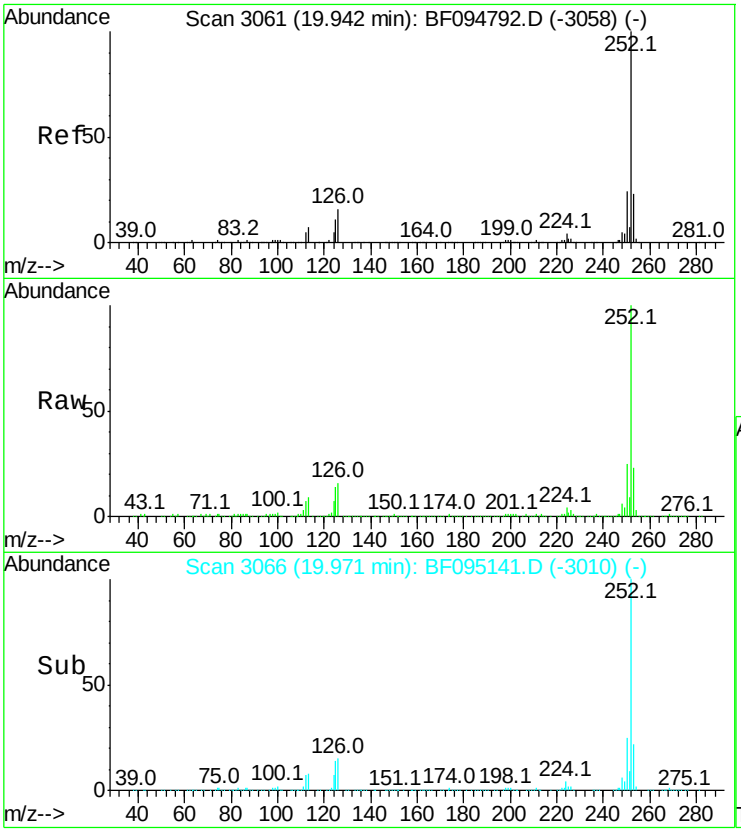


#87
Benzo(b)fluoranthene
Concen: 78.19 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:252 Resp: 758648

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.4	9.8	14.8



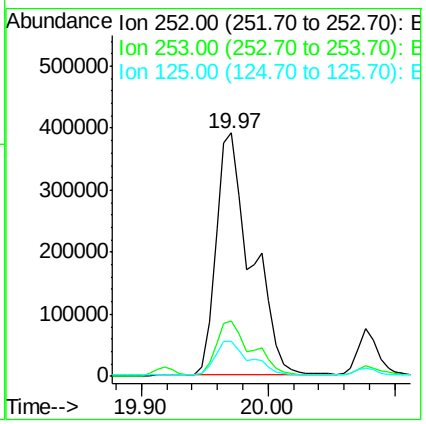


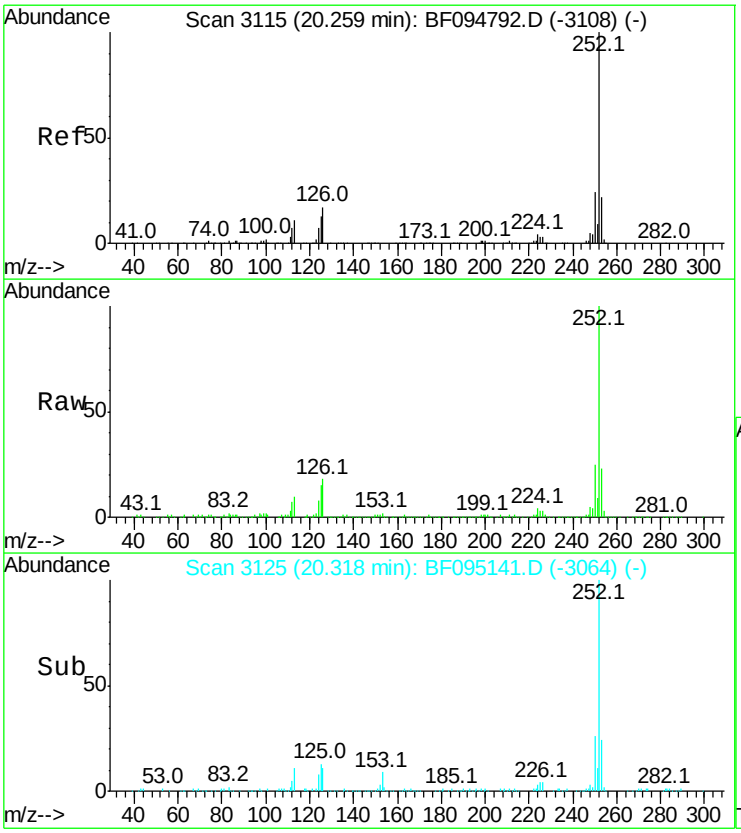
#88
Benzo(k)fluoranthene
Concen: 81.05 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.03 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 758648

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	14.4	13.1	19.7

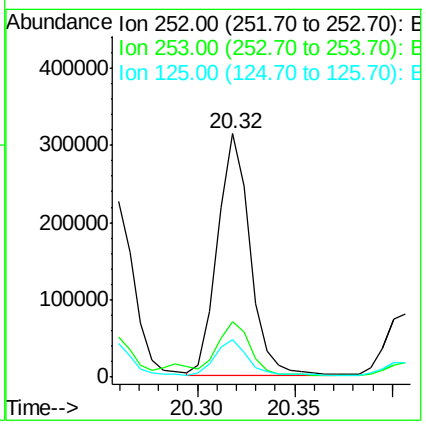


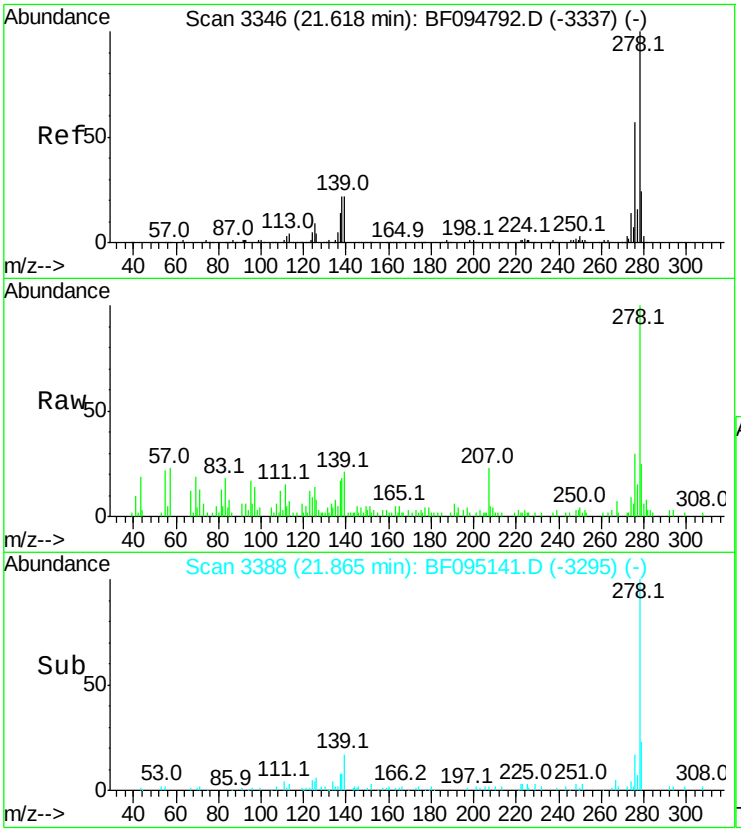


#89
Benzo(a)pyrene
Concen: 40.69 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.06 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:252 Resp: 364301

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.3	11.0	16.4



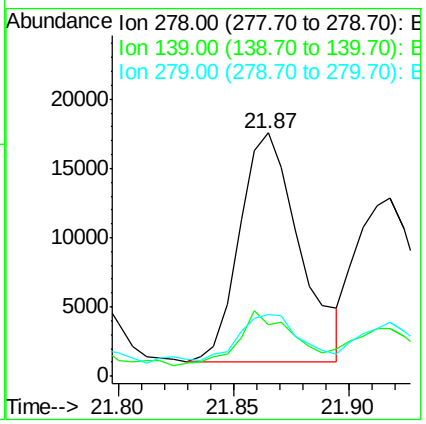


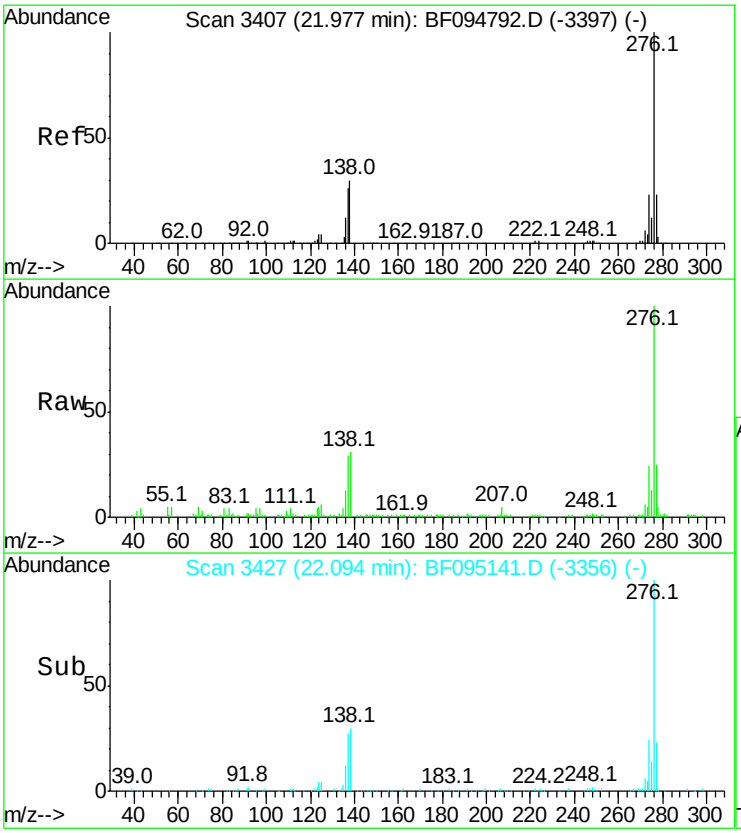
#90
Dibenzo(a,h)anthracene
Concen: 4.02 ng
RT: 21.87 min Scan# 3388
Delta R.T. 0.25 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 29728

Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	25.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 21.22 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.12 min
Lab File: BF095141.D
Acq: 15 May 2017 23:32

Tgt Ion:276 Resp: 153978

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	31.2	25.4	38.0