Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095128.D
Acq On : 15 May 2017 16:33
Operator : SJ/MA
Sample : I3120-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 05:56:04 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	97042	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	358849	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	155538	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	260458	20.00	ng		0.05
75) Chrysene-d12	18.70	240	179810	20.00	ng		0.05
86) Perylene-d12	20.38	264	182054	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	607134	104.31	ng		0.07
7) Phenol-d6	7.32	99	792830	113.52	ng		0.04
23) Nitrobenzene-d5	8.68	82	461440	81.09	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	146403	114.93	ng		0.04
44) 2-Fluorobiphenyl	11.57	172	922828	85.40	ng		0.04
78) Terphenyl-d14	17.35	244	532265	65.20	ng		0.04
Target Compounds							Qvalue
10) Phenol	7.34	94	17930	2.44	ng	#	65
19) n-Nitroso-di-n-propylamine	8.68	70	57733	12.22	ng	#	78
31) Naphthalene	9.84	128	64874	3.60	ng		97
37) 2-Methylnaphthalene	10.97	142	46918	3.96	ng		98
48) Acenaphthylene	12.41	152	39964	2.41	ng	#	94
49) Dimethylphthalate	12.26	163	118785	9.30	ng		99
51) Acenaphthene	12.68	154	28723	2.90	ng		97
54) Dibenzofuran	12.98	168	41721	3.05	ng		96
55) 4-Nitrophenol	12.98	139	17132	10.20	ng	#	33
57) Fluorene	13.53	166	52798	4.44	ng		96
70) Phenanthrene	15.07	178	325963	21.78	ng		96
71) Anthracene	15.16	178	72020	4.71	ng		98
74) Fluoranthene	16.81	202	346656	22.58	ng		97
76) Benzidine	17.04	184	116	6.61	ng	#	62
77) Pyrene	17.11	202	299781	22.29	ng		97
80) Benzo(a)anthracene	18.69	228	104983	10.03	ng		96
82) Chrysene	18.74	228	131432	12.99	ng		99
85) Indeno(1,2,3-cd)pyrene	21.72	276	54546	6.64	ng		93
87) Benzo(b)fluoranthene	19.97	252	192792	17.14	ng	#	96
88) Benzo(k)fluoranthene	19.97	252	192792	17.77	ng		98
89) Benzo(a)pyrene	20.32	252	102883	9.91	ng		95
91) Benzo(g,h,i)perylene	22.11	276	56629	6.73	ng		93

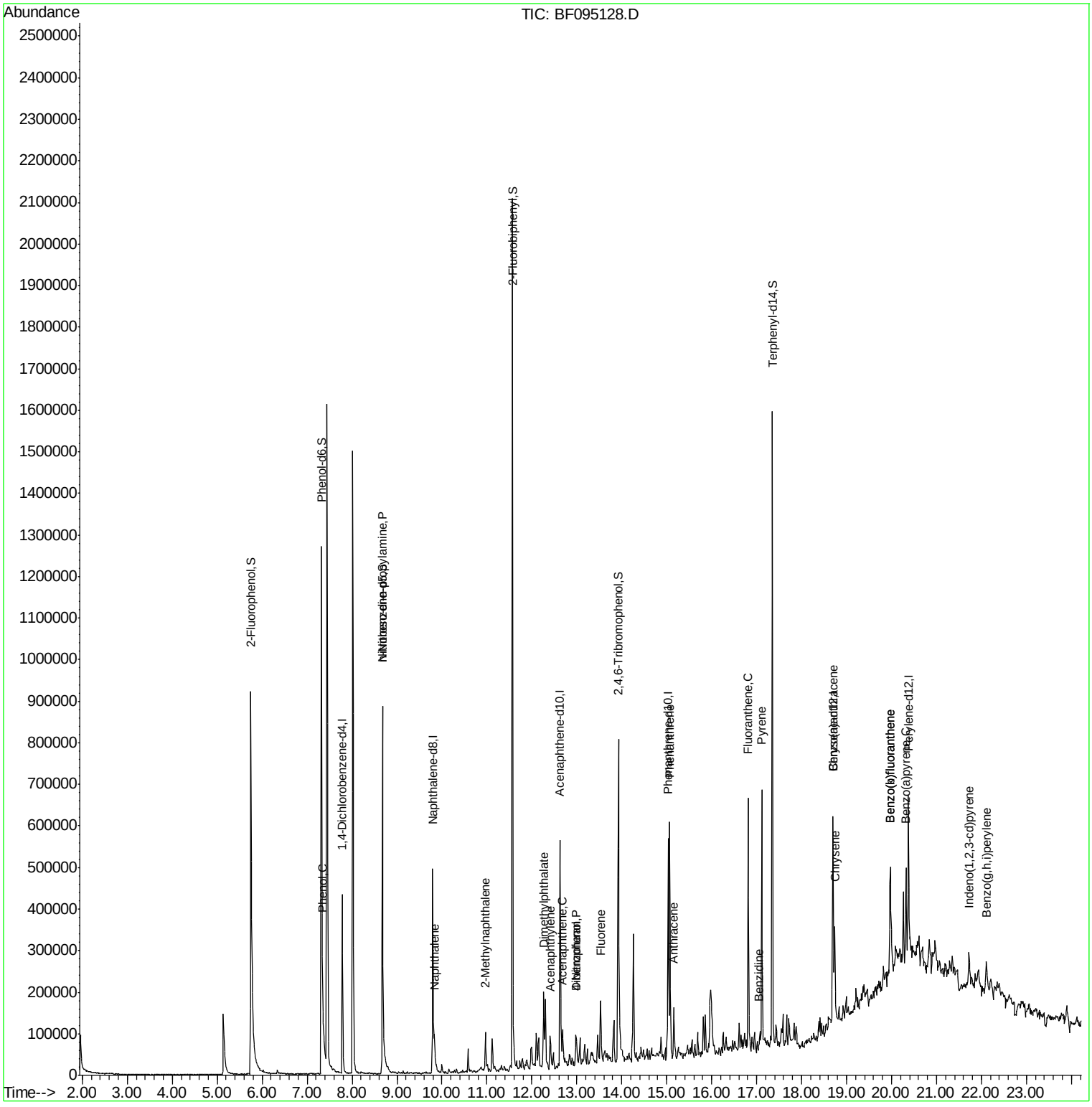
(#) = qualifier out of range (m) = manual integration (+) = signals summed

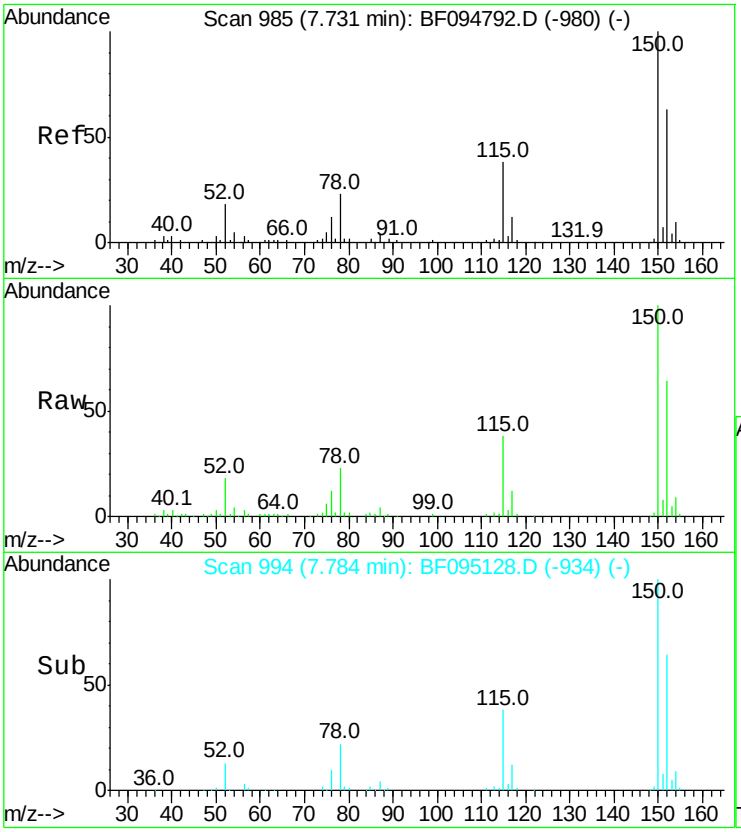
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095128.D
Acq On : 15 May 2017 16:33
Operator : SJ/MA
Sample : I3120-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 05:56:04 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



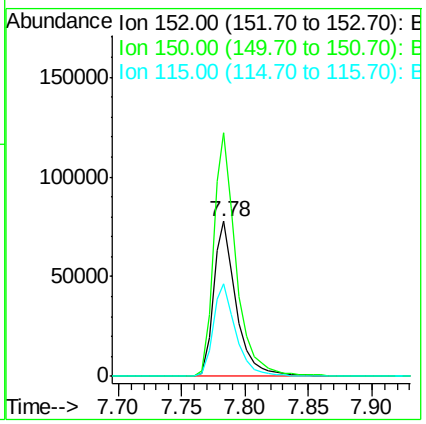


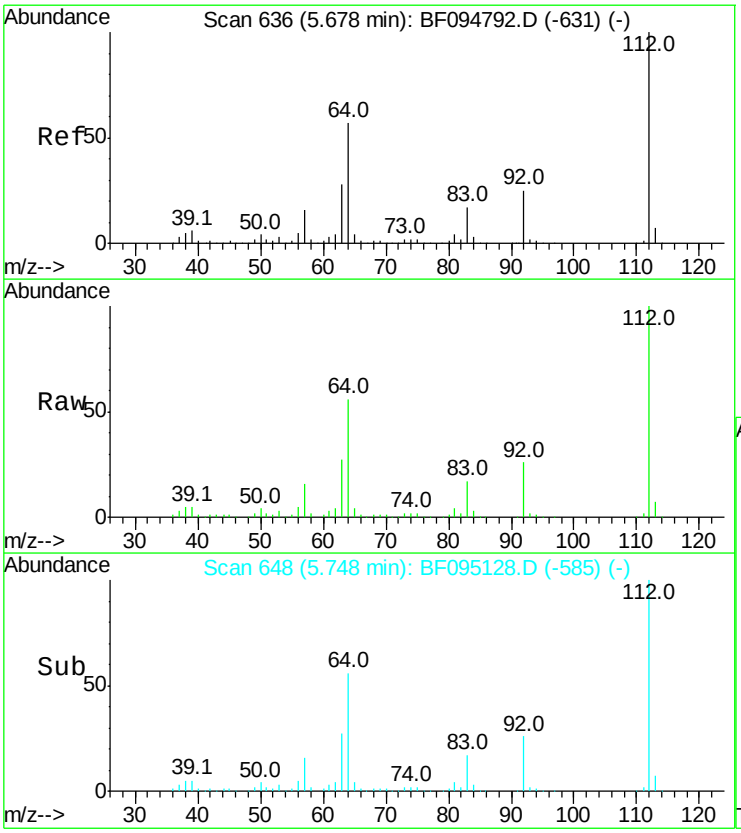
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97042

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	59.9	52.2	78.2

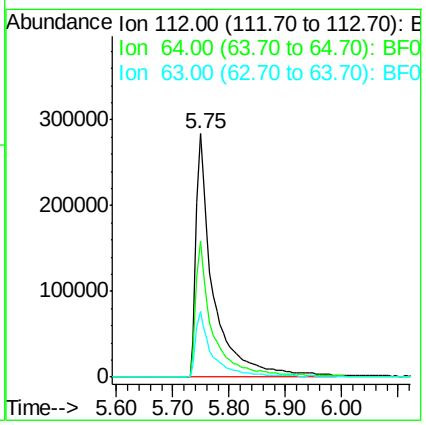


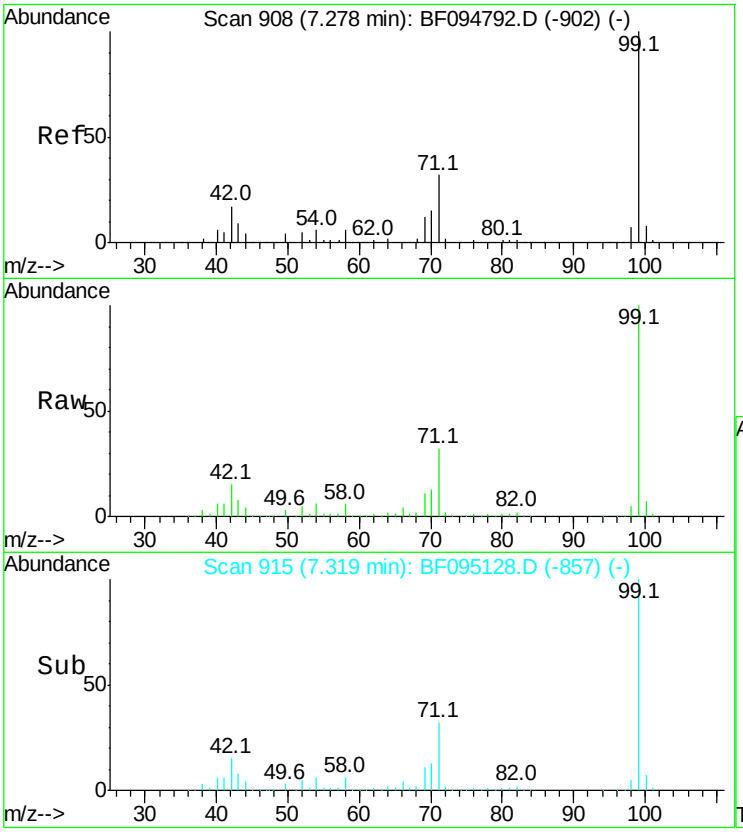


#5
2-Fluorophenol
Concen: 104.31 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:112 Resp: 607134

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.2	23.4	35.0



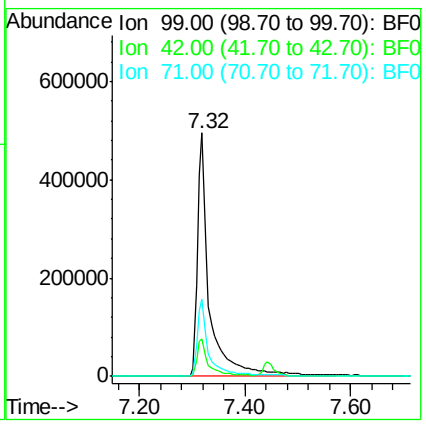


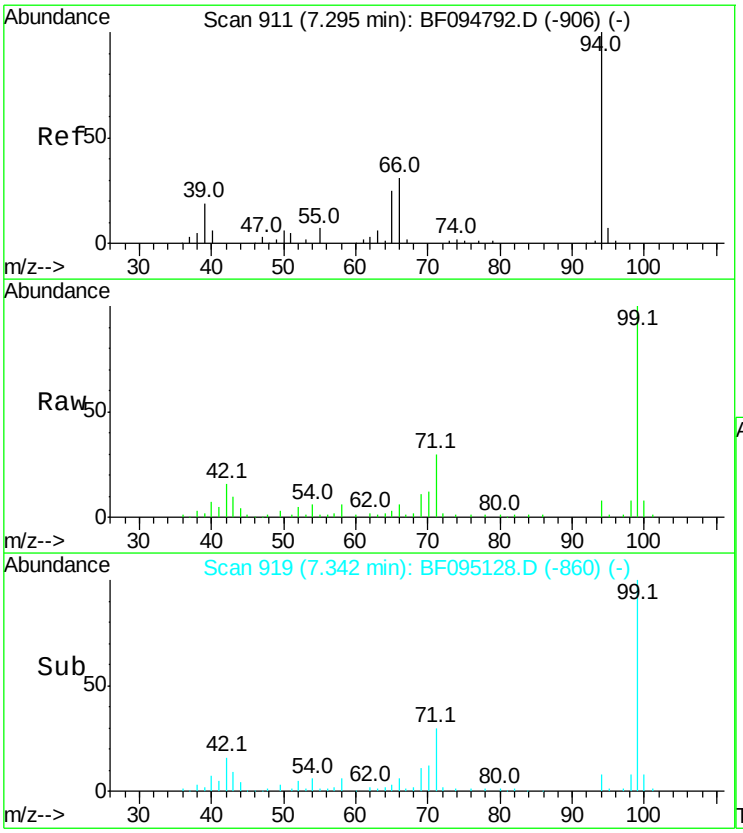
#7
Phenol-d6
Concen: 113.52 ng
RT: 7.32 min Scan# 915
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 792830

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.7	24.5	36.7

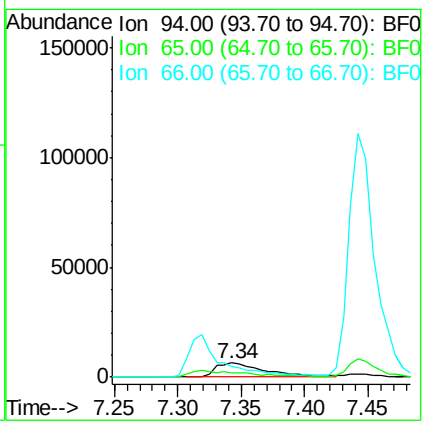


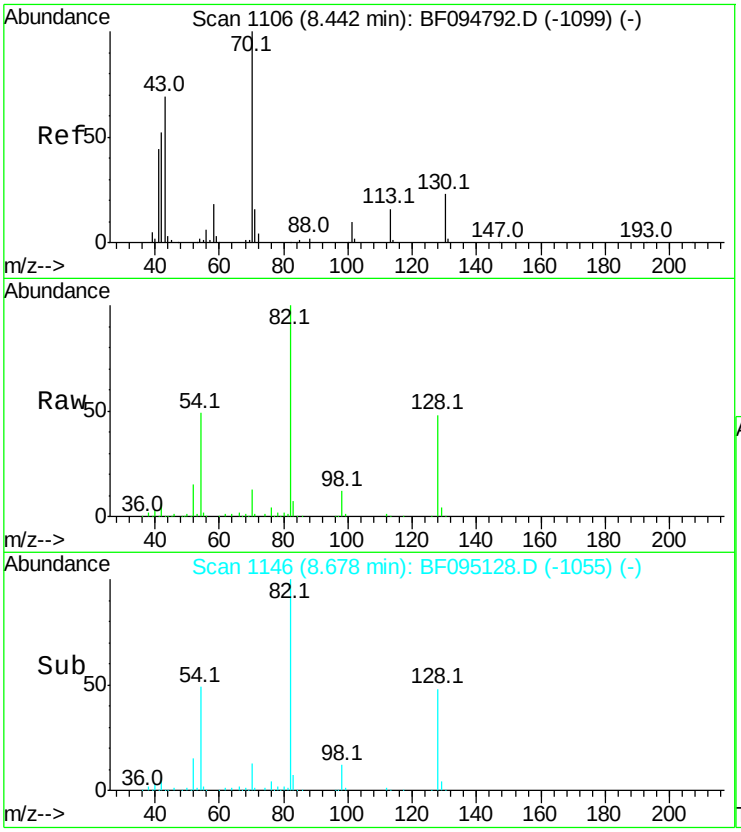


#10
Phenol
Concen: 2.44 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion: 94 Resp: 17930

Ion	Ratio	Lower	Upper
94	100		
65	34.3	9.9	49.9
66	77.4	23.1	63.1#



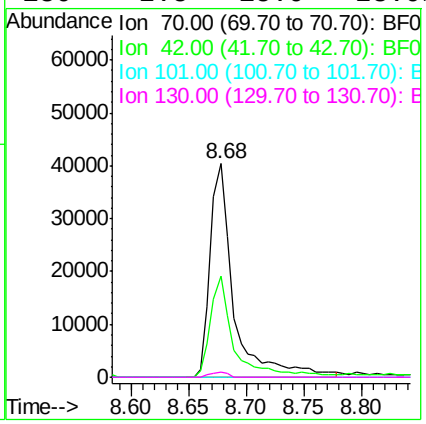


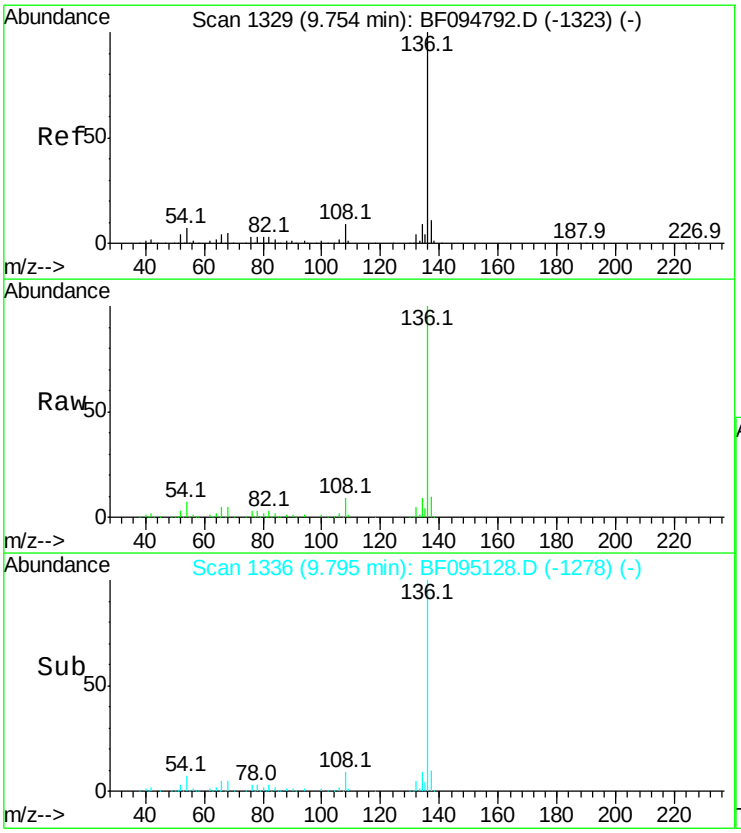
#19
n-Nitroso-di-n-propylamine
Concen: 12.22 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57733

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

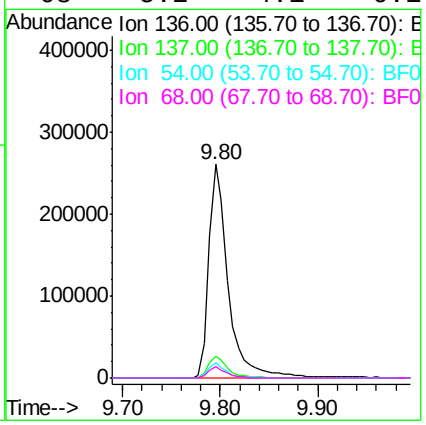


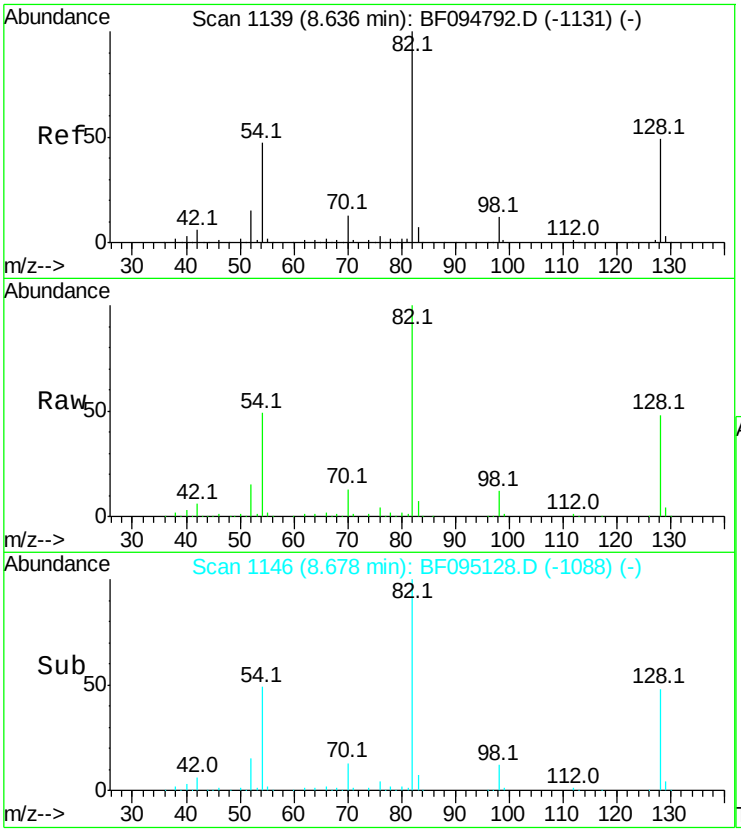


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:136 Resp: 358849

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	7.0	4.9	7.3
68	5.2	4.1	6.1



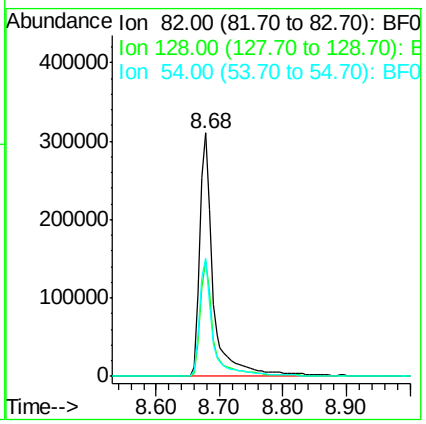


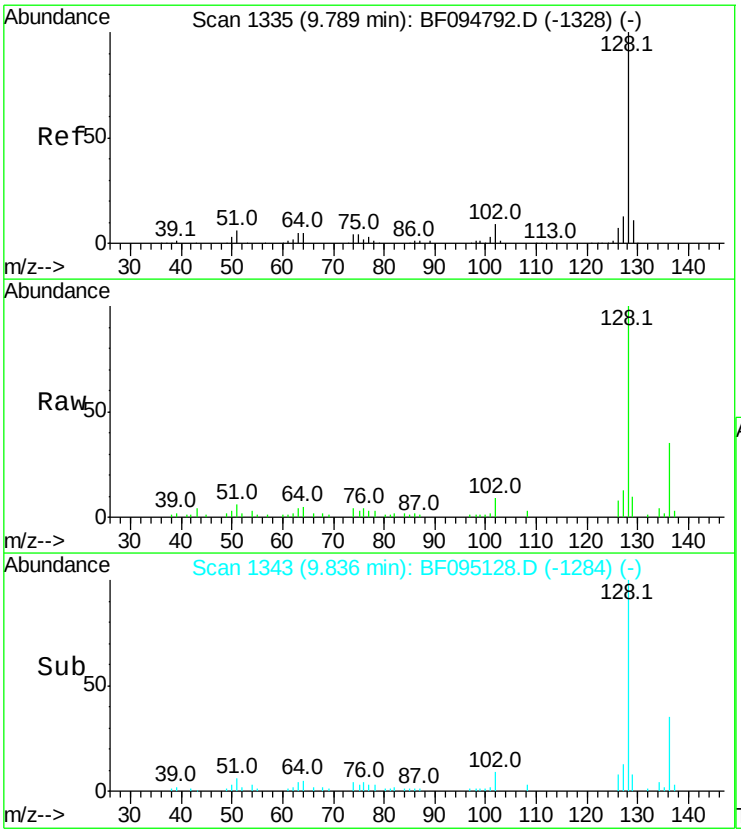
#23
Nitrobenzene-d5
Concen: 81.09 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 461440

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.6	42.2	63.2

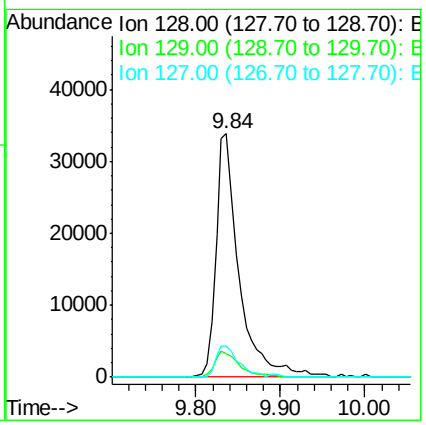


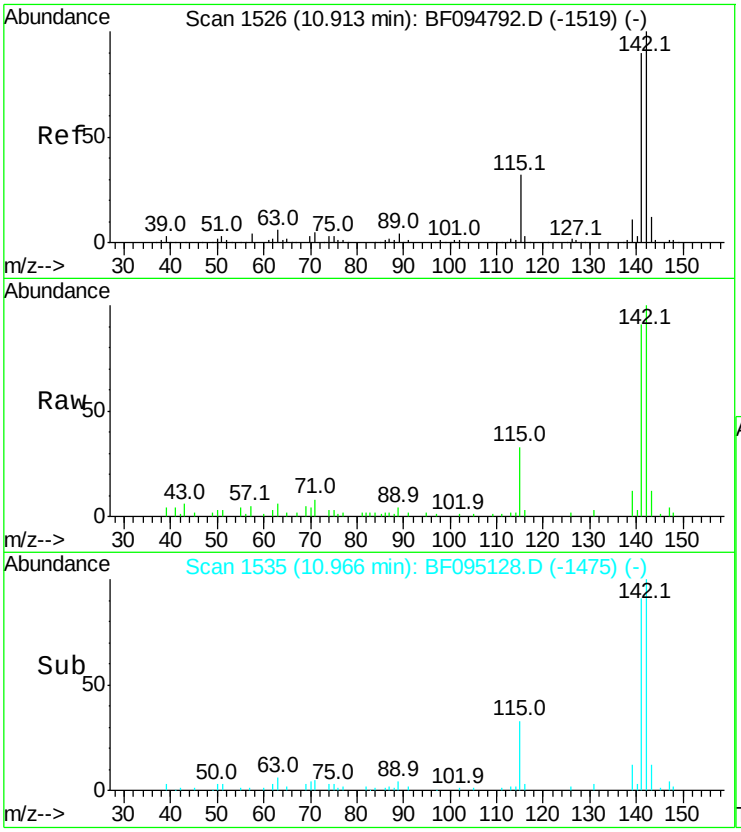


#31
Naphthalene
Concen: 3.60 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:128 Resp: 64874

Ion	Ratio	Lower	Upper
128	100		
129	9.5	9.0	13.6
127	12.7	10.8	16.2



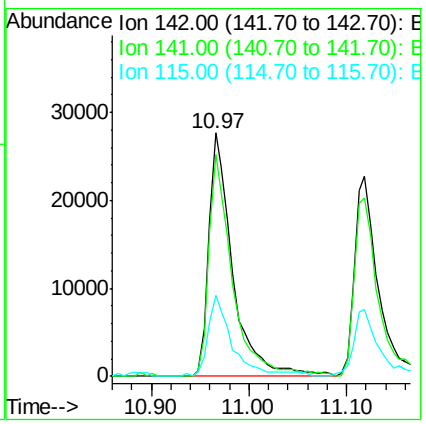


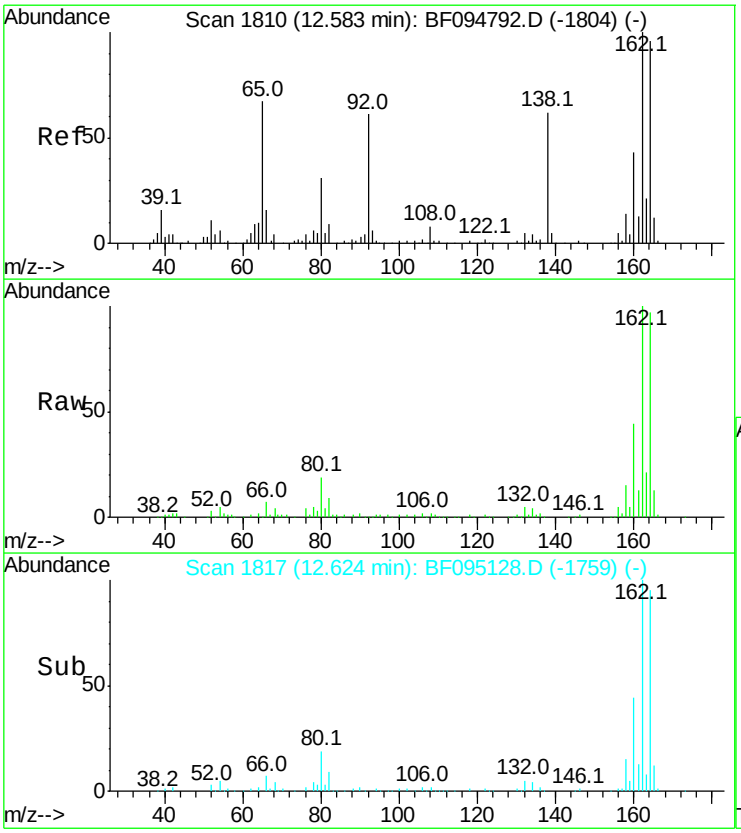
#37
2-Methylnaphthalene
Concen: 3.96 ng
RT: 10.97 min Scan# 1535
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 46918

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.3	106.9
115	33.3	27.1	40.7

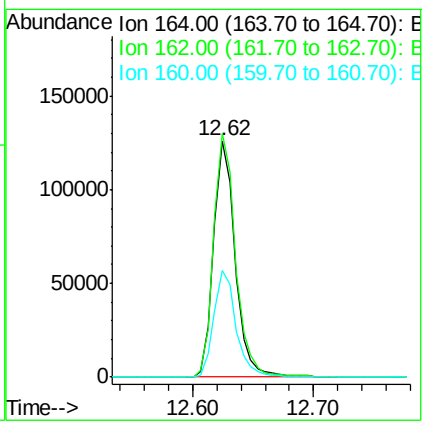


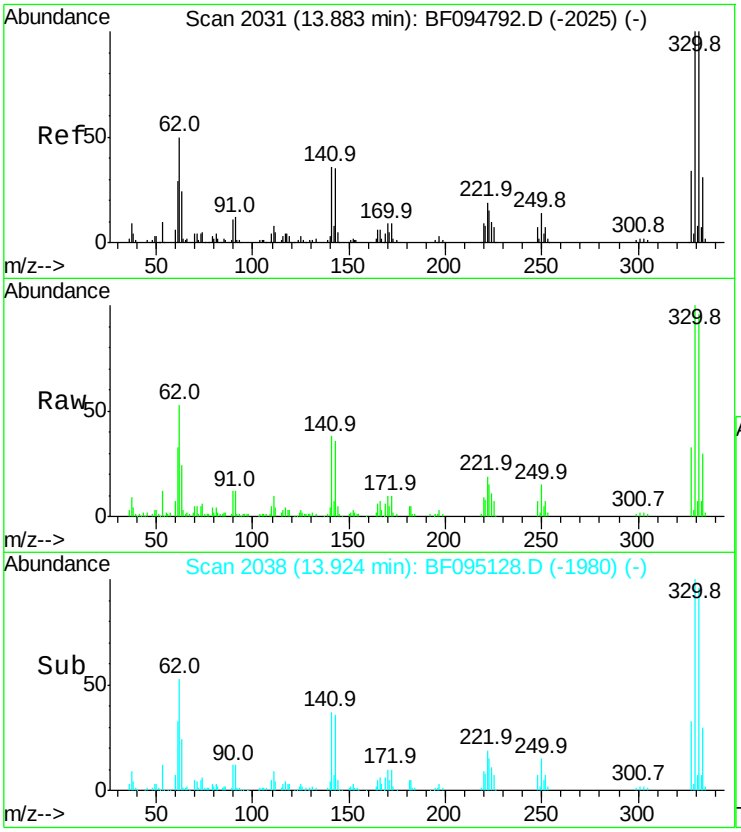


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:164 Resp: 155538

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.0	36.2	54.2



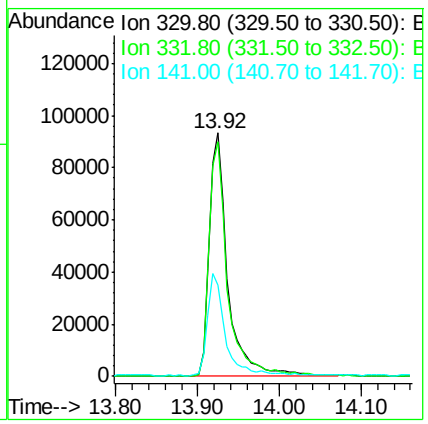


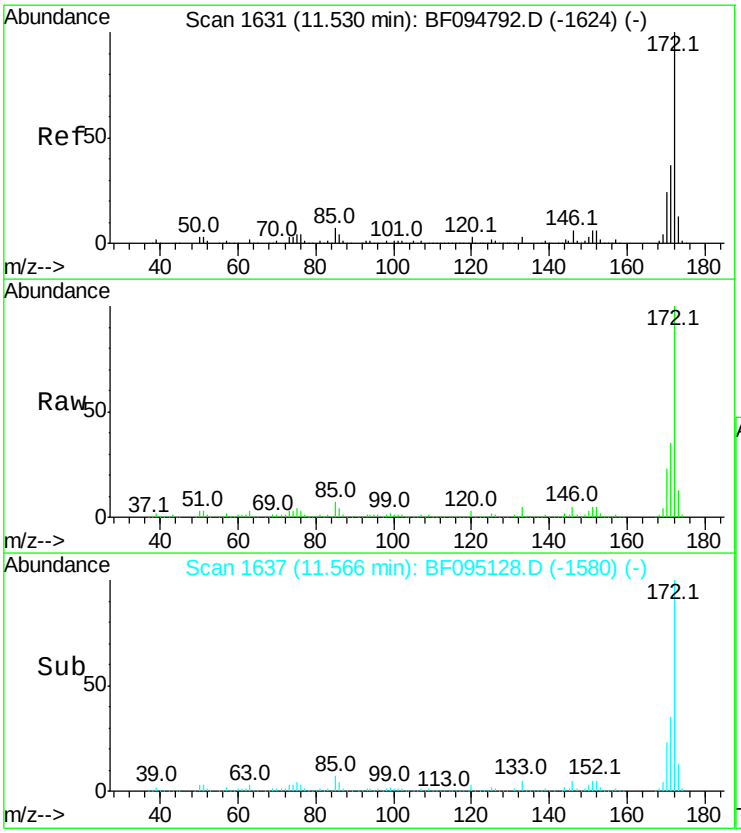
#41
2,4,6-Tribromophenol
Concen: 114.93 ng
RT: 13.92 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146403

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	41.9	31.4	47.2

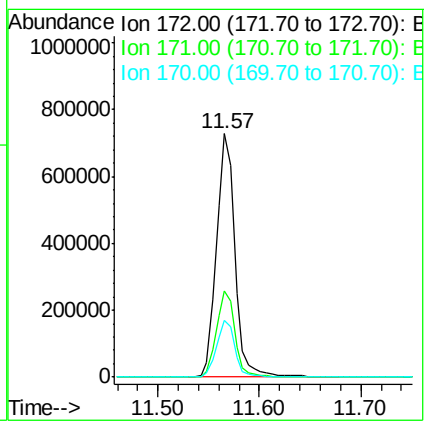


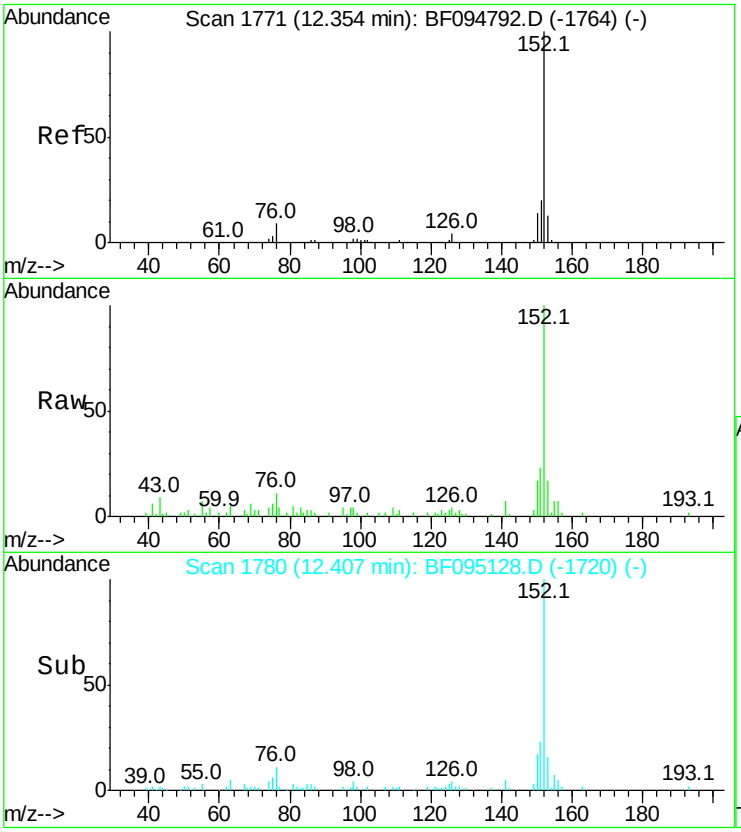


#44
2-Fluorobiphenyl
Concen: 85.40 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:172 Resp: 922828

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	19.8	29.8



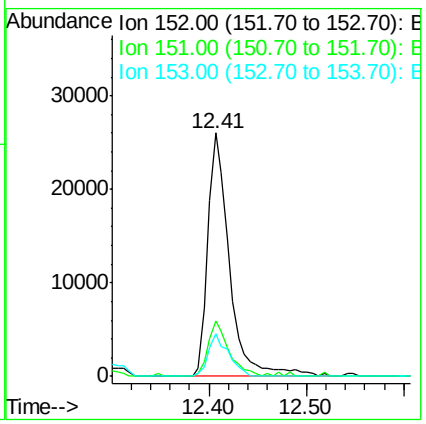


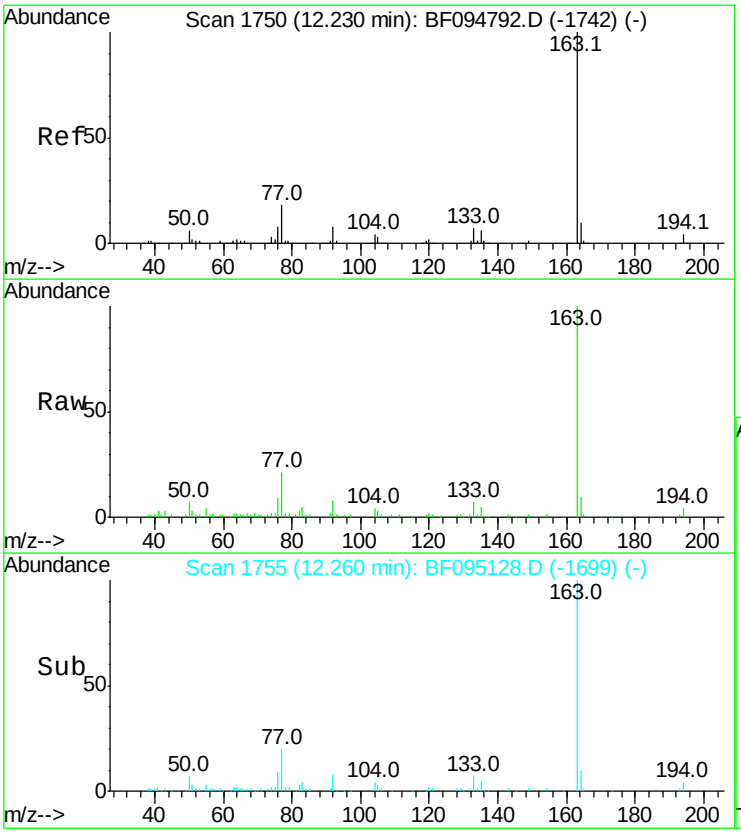
#48
Acenaphthylene
Concen: 2.41 ng
RT: 12.41 min Scan# 1780
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39964

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.8	25.2
153	17.3	10.8	16.2#

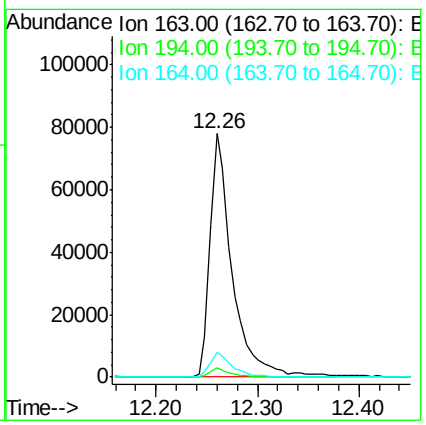


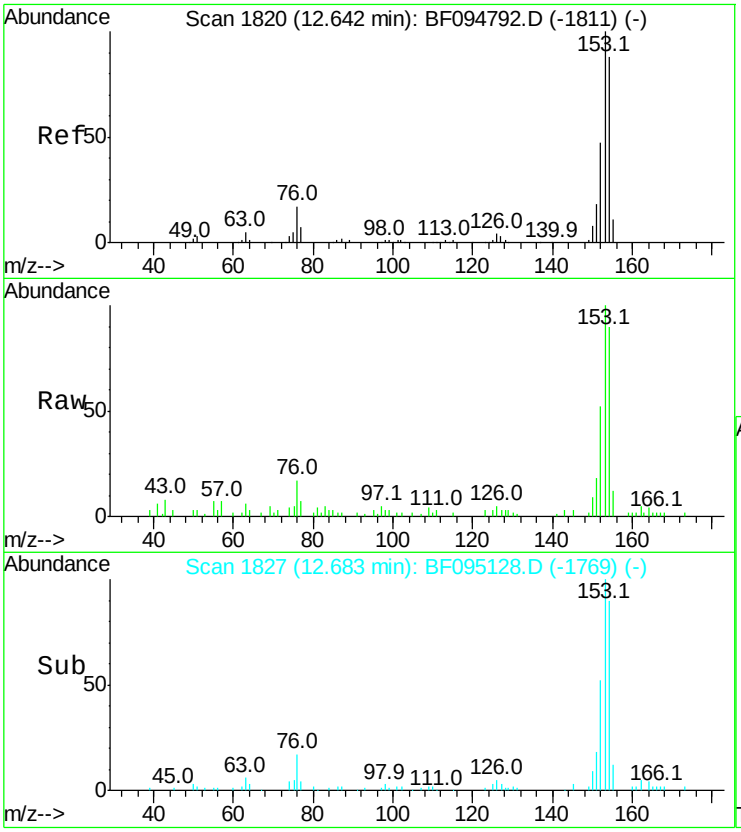


#49
Dimethylphthalate
Concen: 9.30 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:163 Resp: 118785

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.1	8.4	12.6



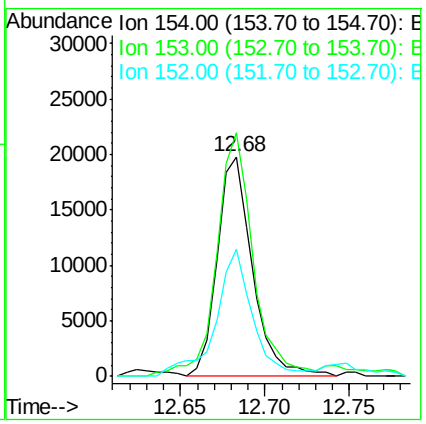


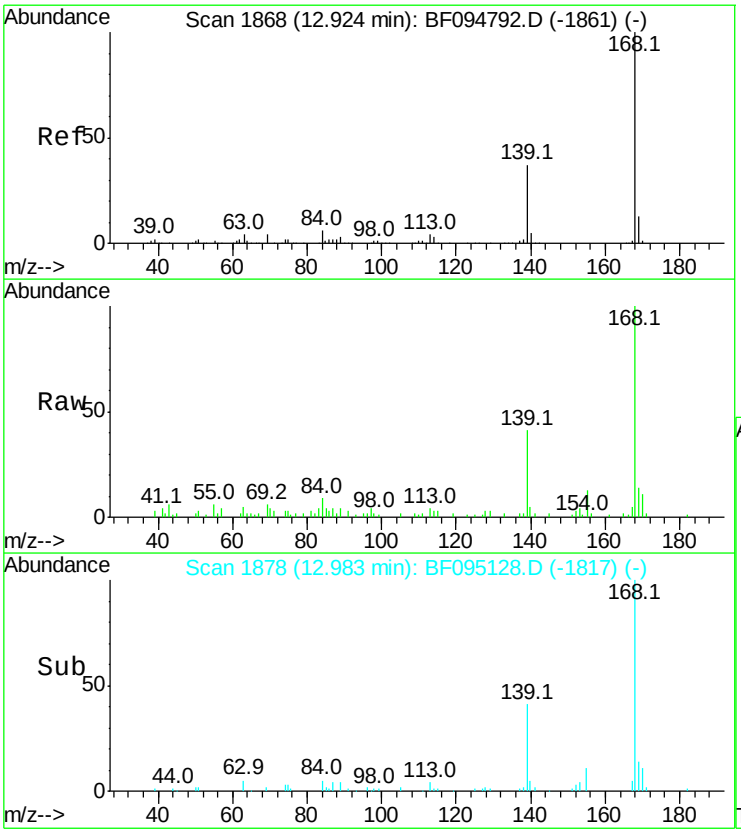
#51
Acenaphthene
Concen: 2.90 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 28723

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.5	135.7
152	58.2	43.6	65.4

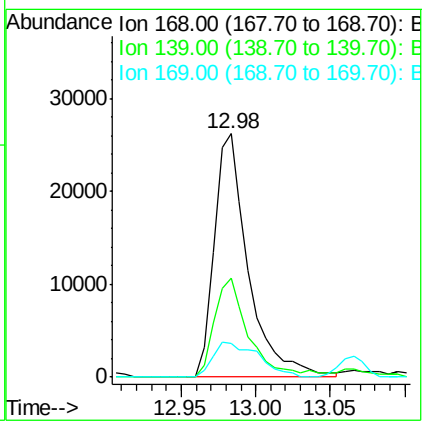


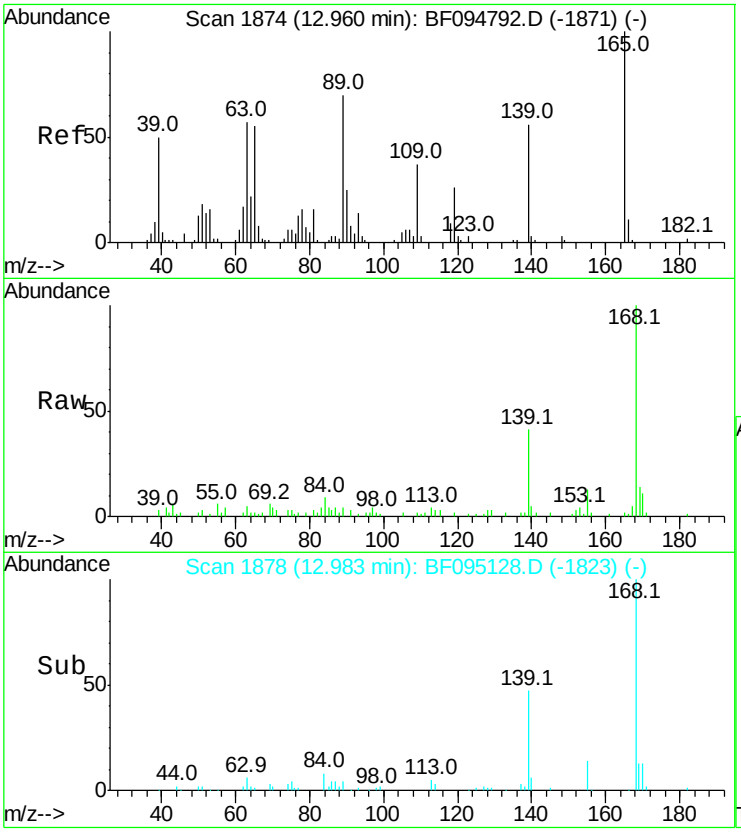


#54
Dibenzofuran
Concen: 3.05 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.06 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:168 Resp: 41721

Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.6	45.8
169	14.1	10.8	16.2



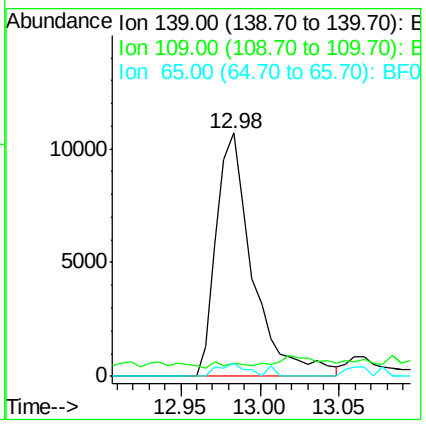


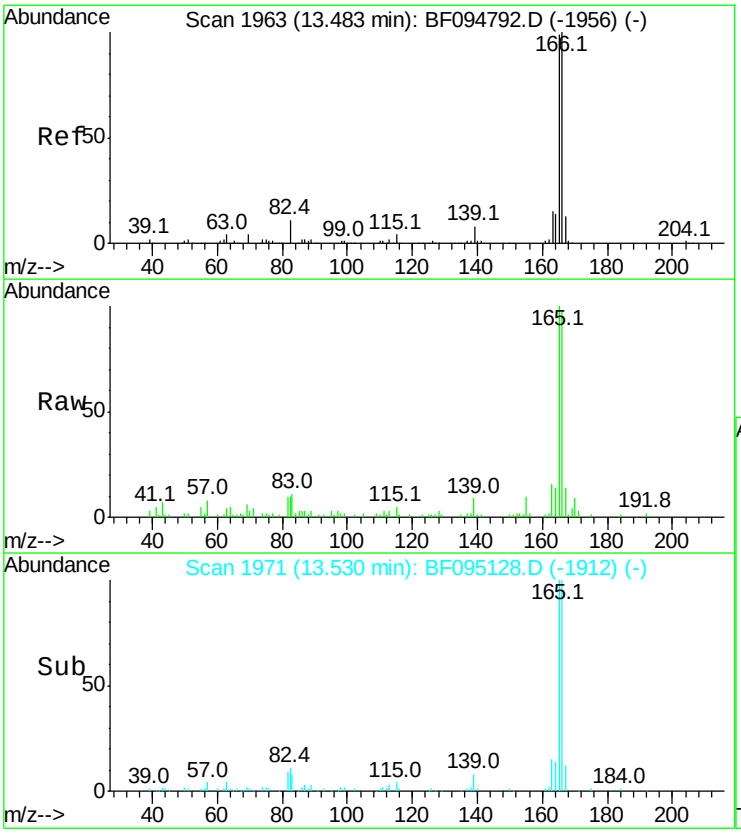
#55
4-Nitrophenol
Concen: 10.20 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 17132

Ion	Ratio	Lower	Upper
139	100		
109	5.7	34.1	74.1#
65	5.2	31.4	71.4#

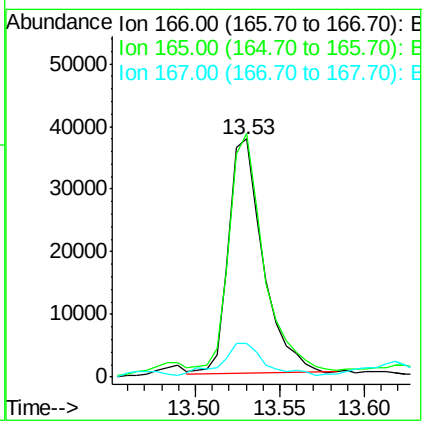


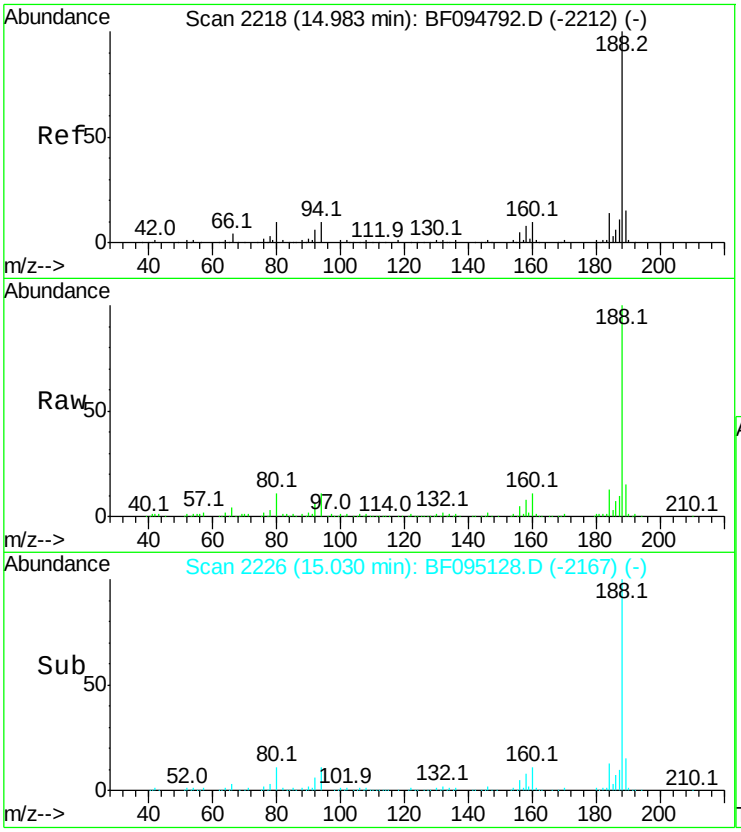


#57
Fluorene
Concen: 4.44 ng
RT: 13.53 min Scan# 1971
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:166 Resp: 52798

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.8	118.2
167	13.9	10.6	16.0



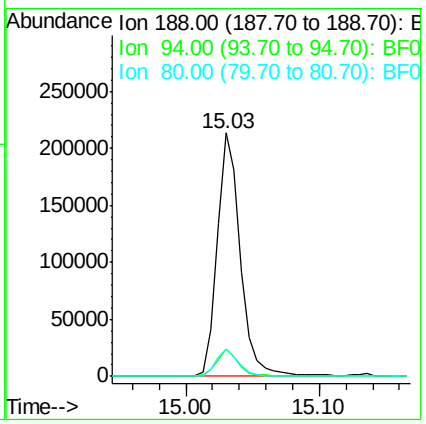


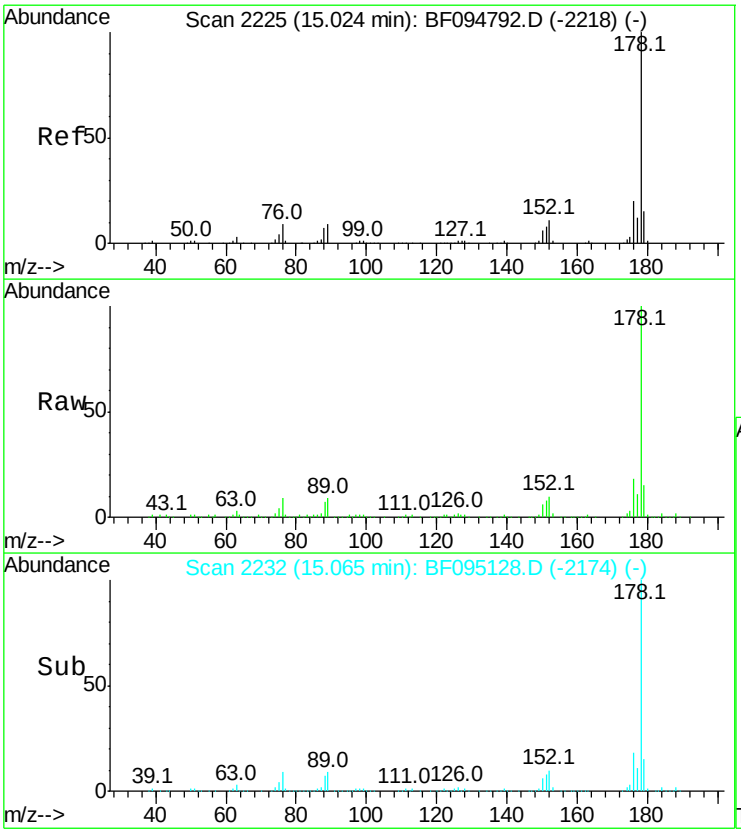
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 260458

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.3	10.2	15.2

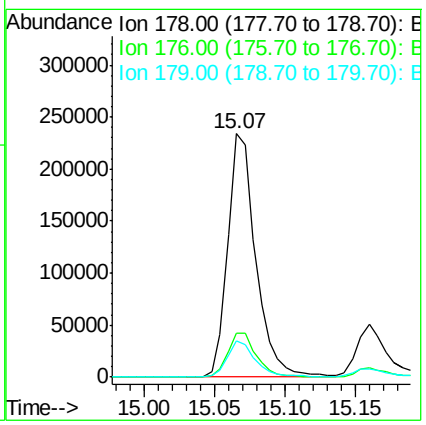


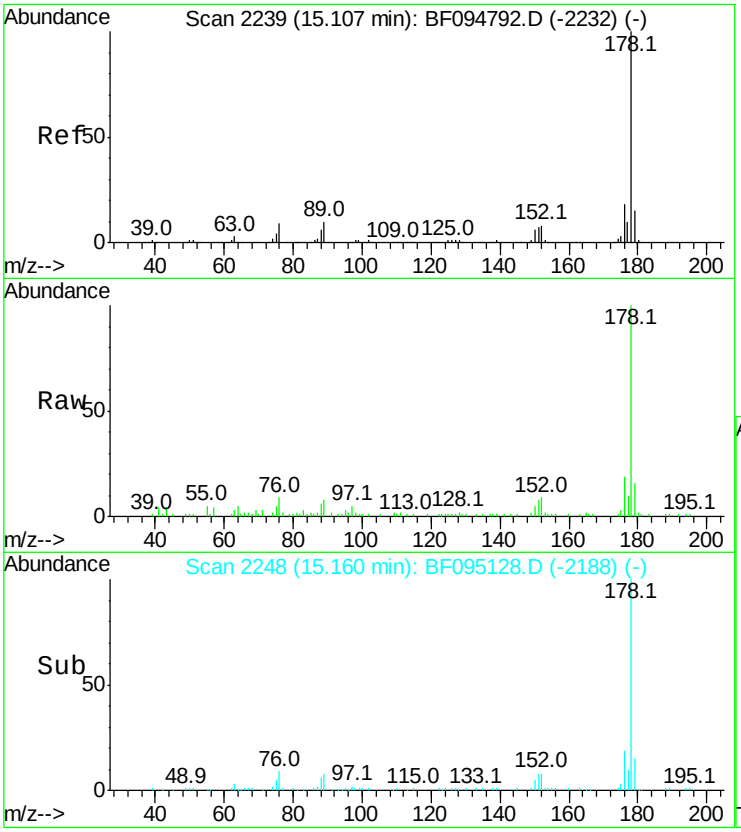


#70
Phenanthrene
Concen: 21.78 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:178 Resp: 325963

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.9	12.6	19.0



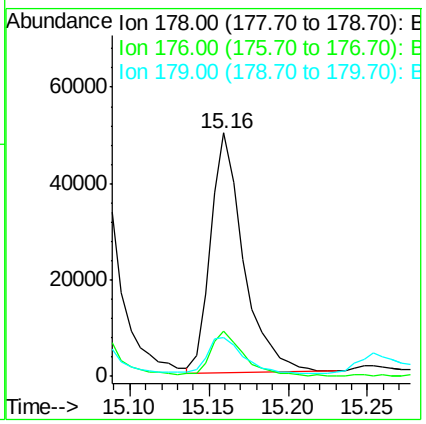


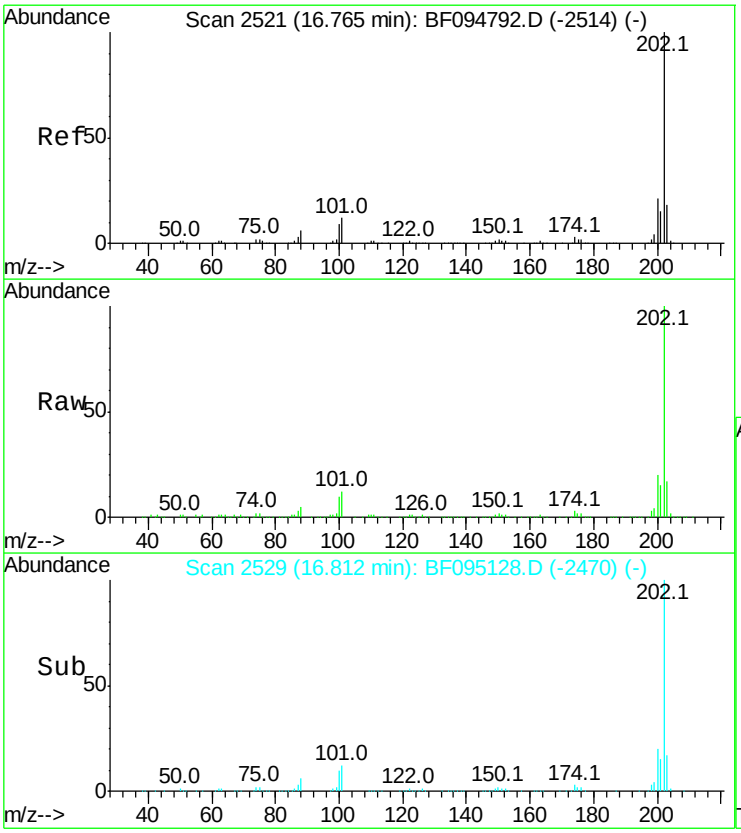
#71
Anthracene
Concen: 4.71 ng
RT: 15.16 min Scan# 2248
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 72020

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.0	12.7	19.1

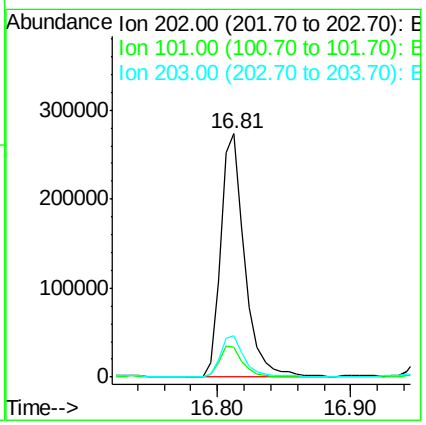


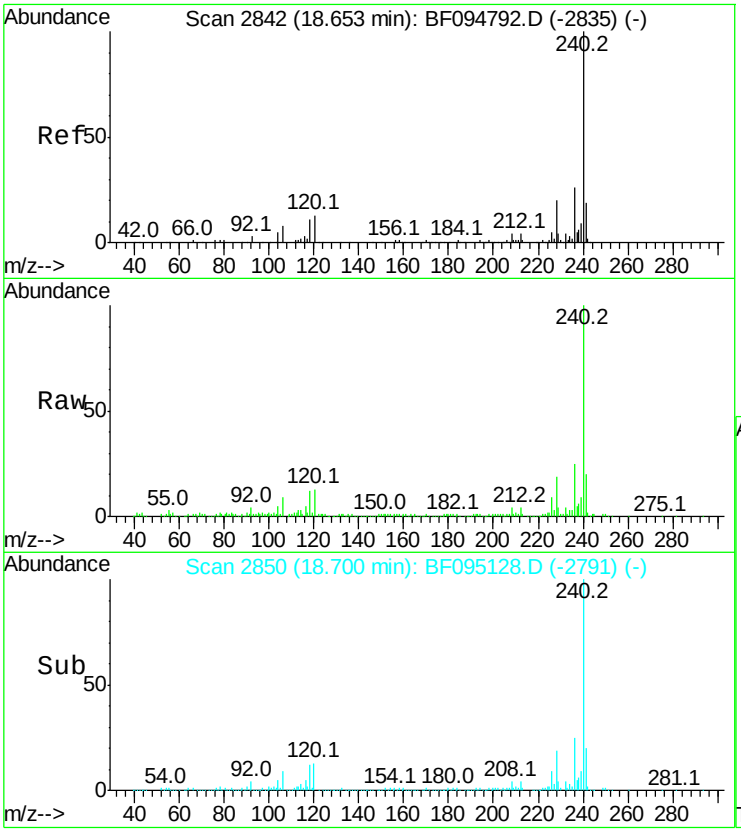


#74
Fluoranthene
Concen: 22.58 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:202 Resp: 346656

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.7	0.0	38.1



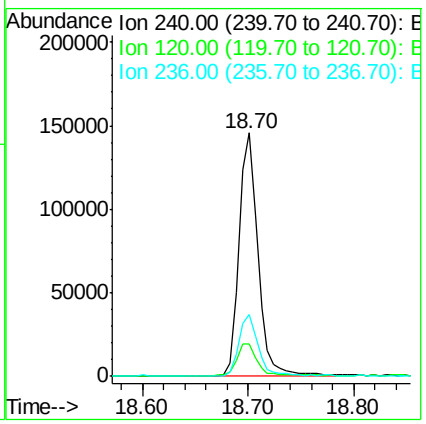


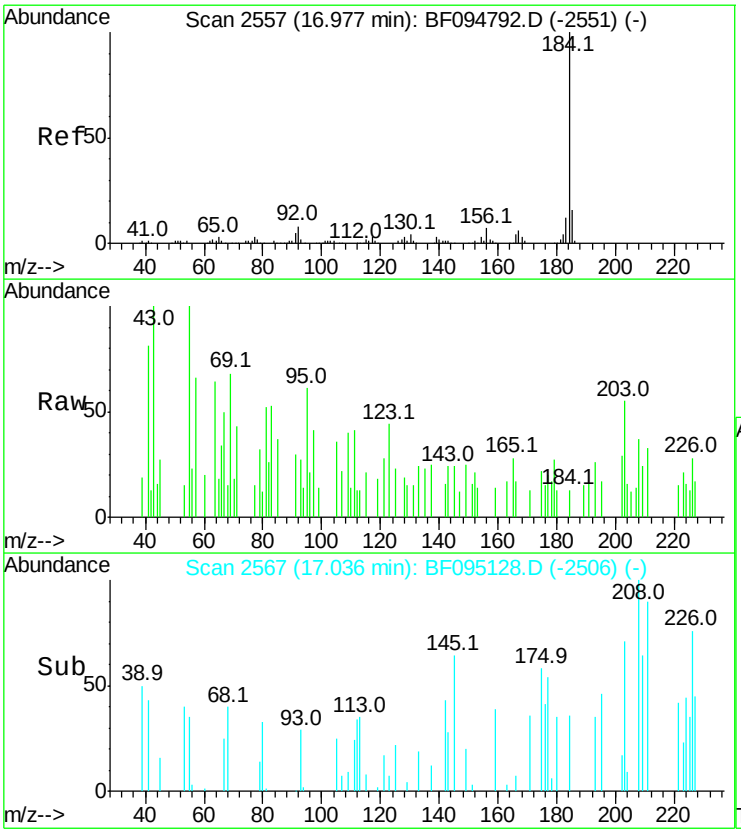
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 179810

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.5	20.5	30.7

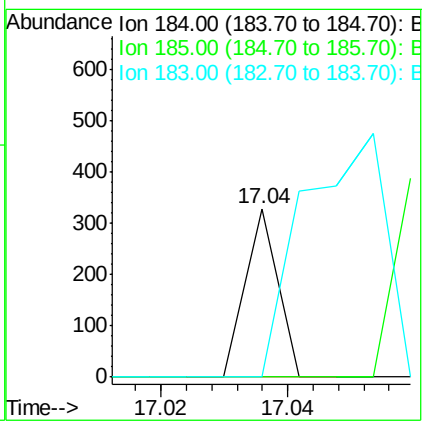


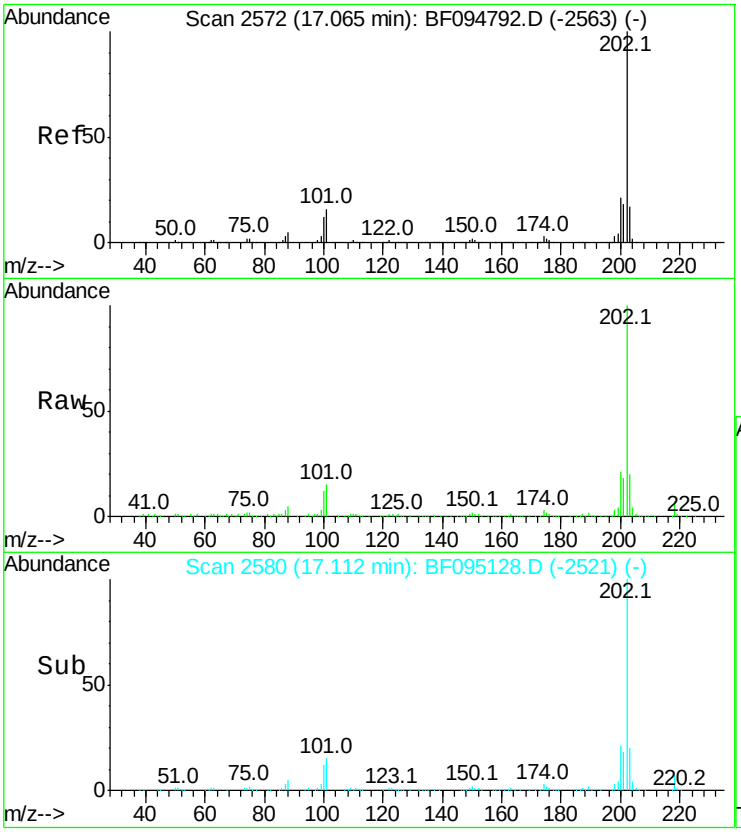


#76
Benzidine
Concen: 6.61 ng
RT: 17.04 min Scan# 2567
Delta R.T. 0.06 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:184 Resp: 116

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



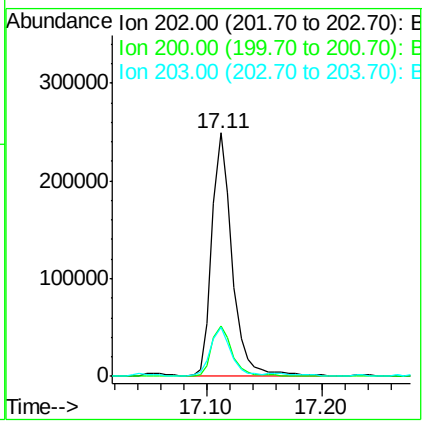


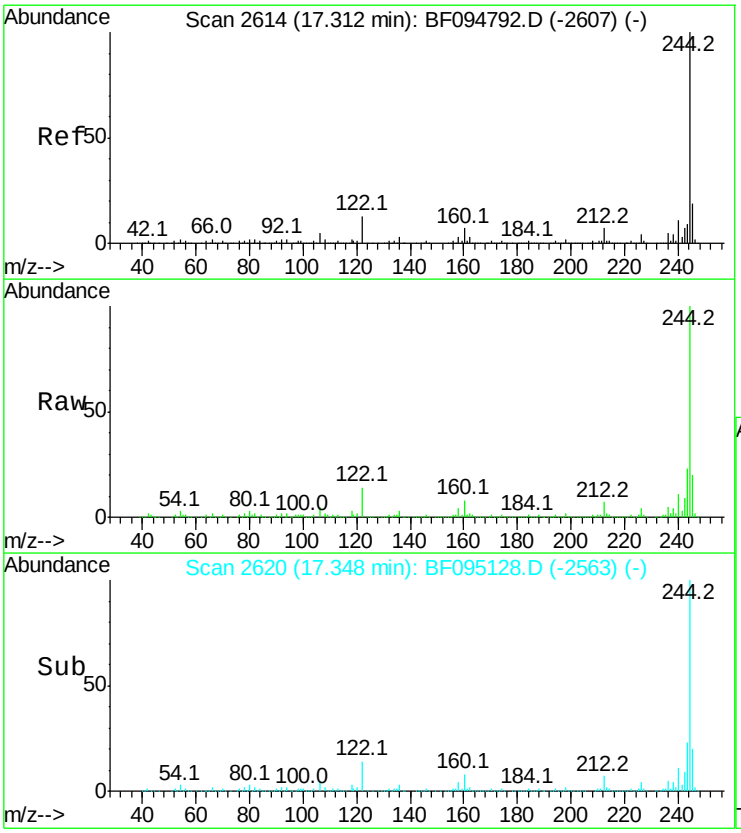
#77
Pyrene
Concen: 22.29 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 299781

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.0	14.4	21.6

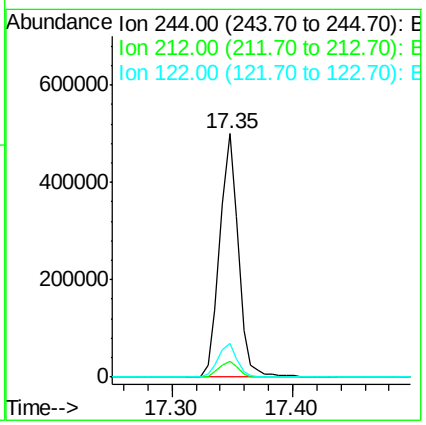


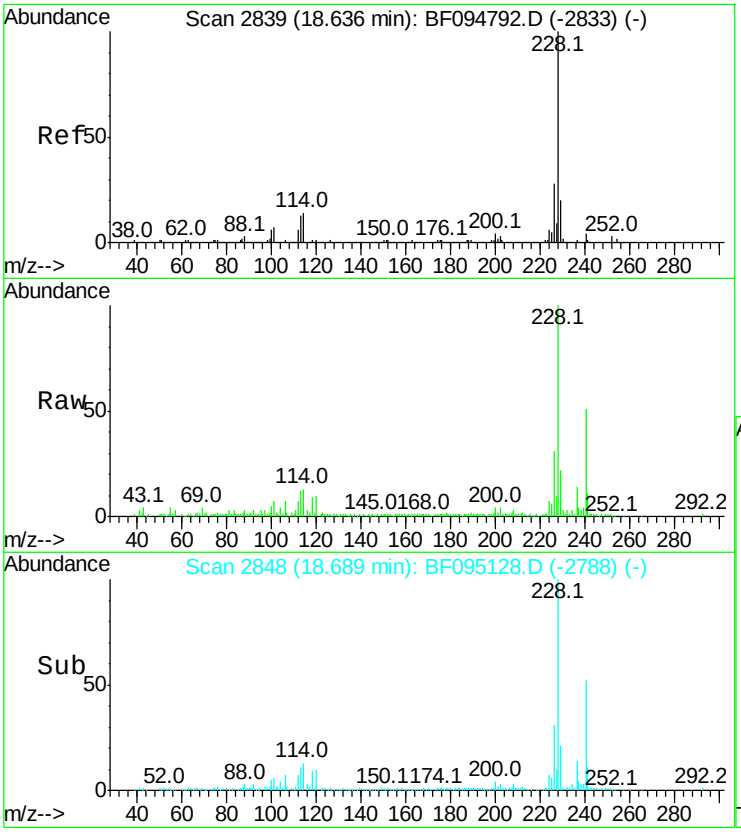


#78
Terphenyl-d14
Concen: 65.20 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:244 Resp: 532265

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.0	10.3	15.5



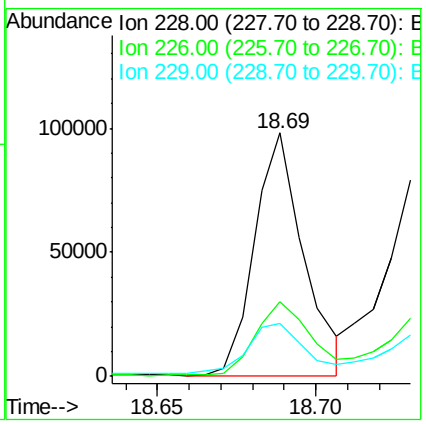


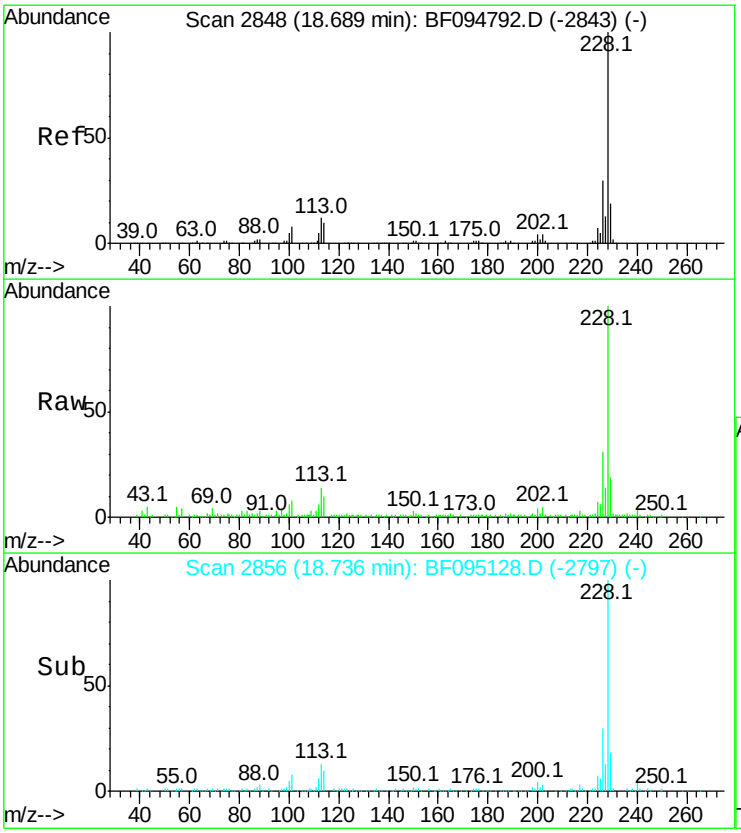
#80
Benzo(a)anthracene
Concen: 10.03 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 104983

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.7	16.3	24.5

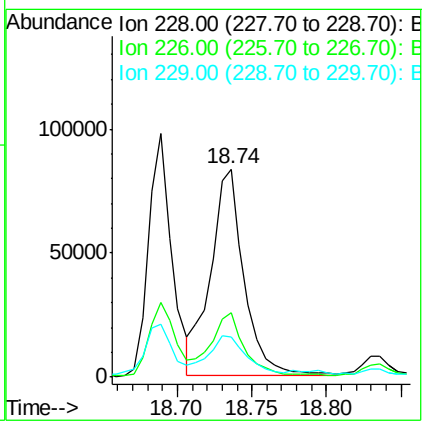


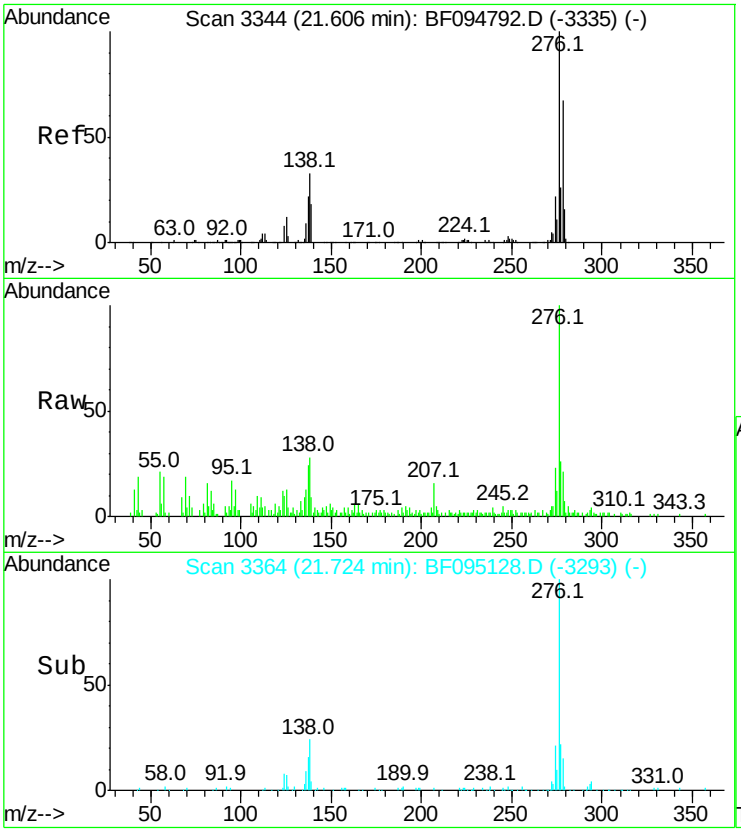


#82
Chrysene
Concen: 12.99 ng
RT: 18.74 min Scan# 2856
Delta R.T. 0.05 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:228 Resp: 131432

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.0	15.8	23.6



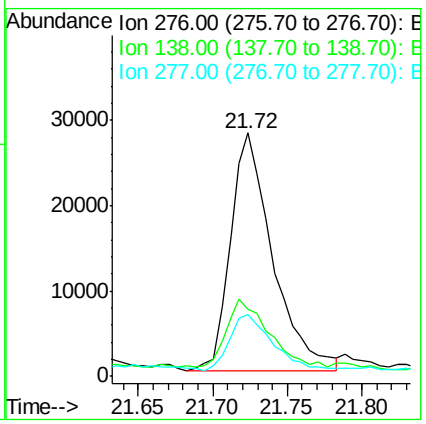


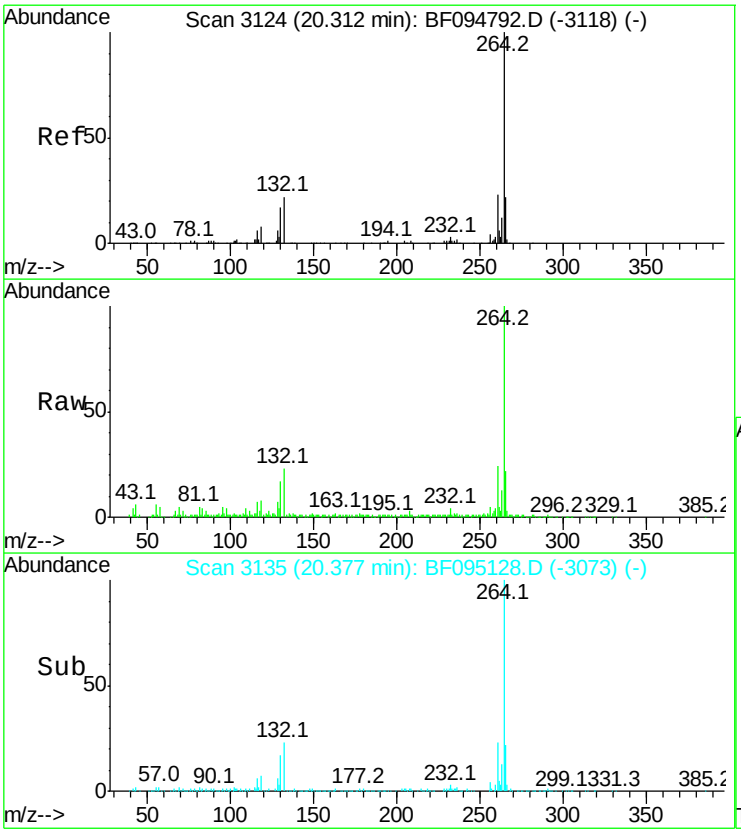
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.64 ng
RT: 21.72 min Scan# 3364
Delta R.T. 0.12 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54546

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	24.0	20.2	30.4

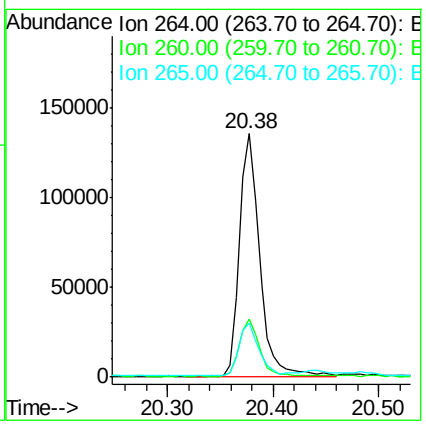


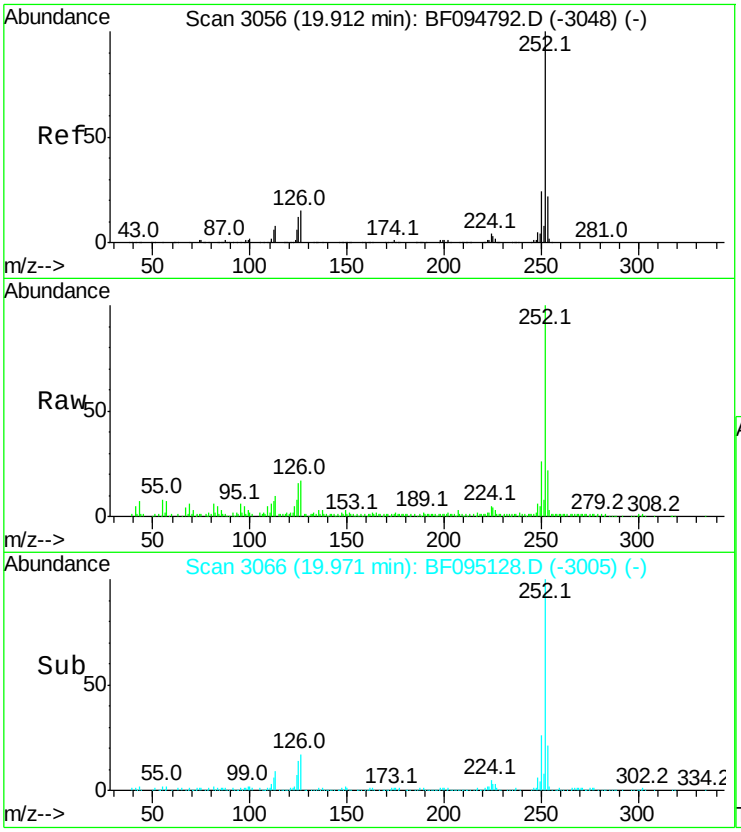


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:264 Resp: 182054

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.2	25.8



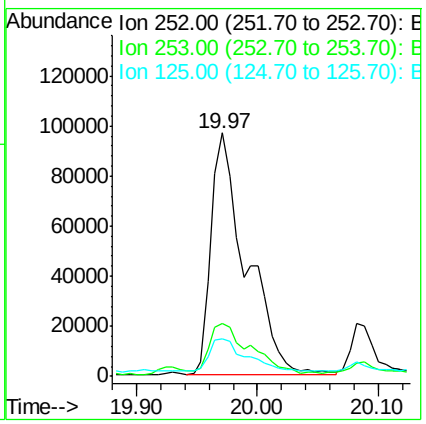


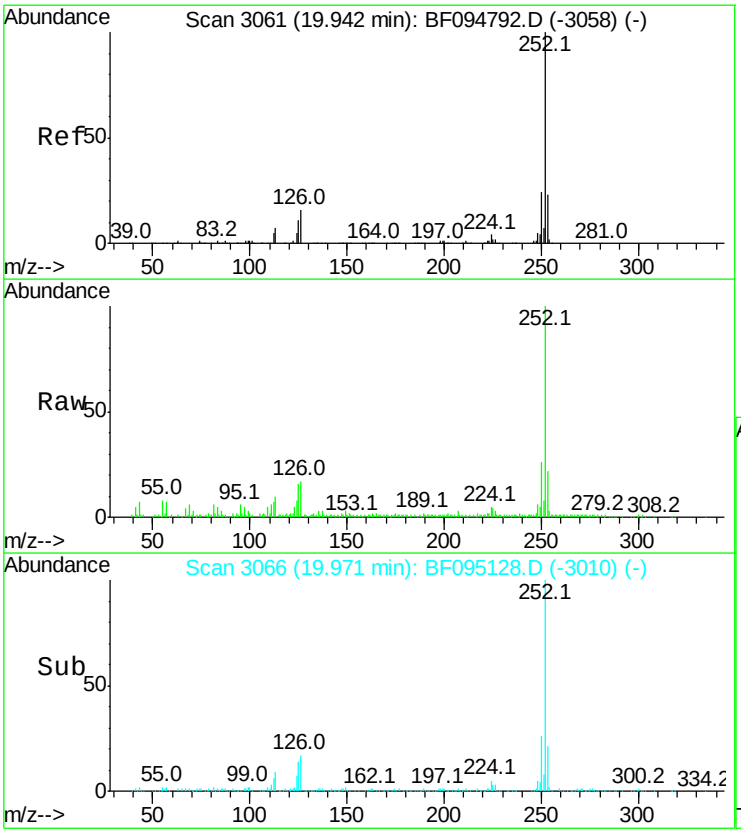
#87
Benzo(b)fluoranthene
Concen: 17.14 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 192792

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.6	9.8	14.8#

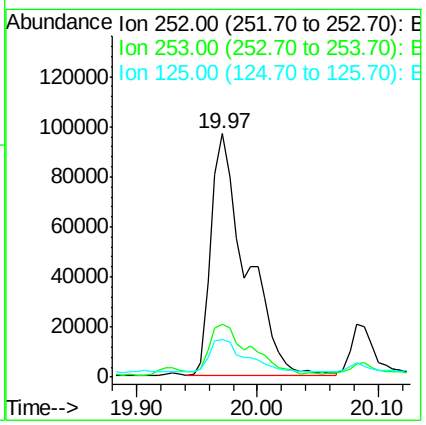


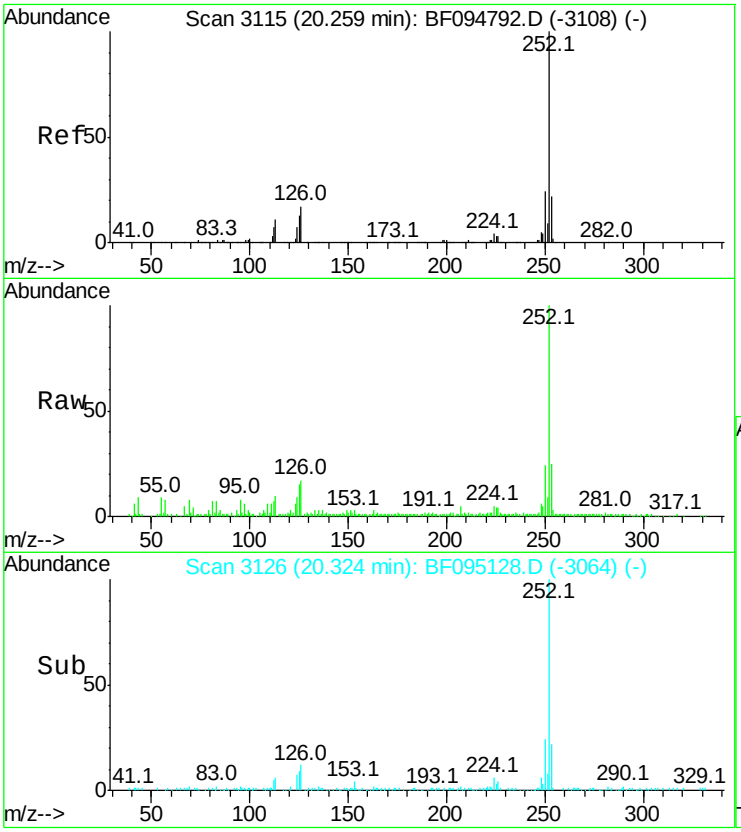


#88
Benzo(k)fluoranthene
Concen: 17.77 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.03 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:252 Resp: 192792

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	15.6	13.1	19.7



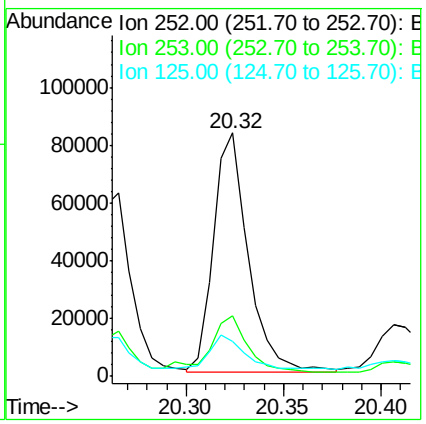


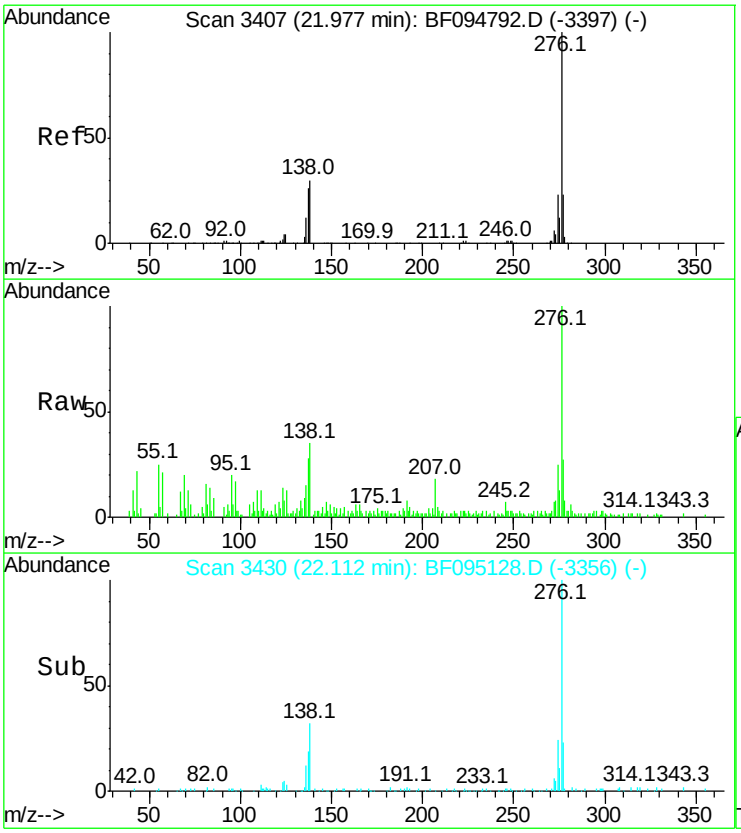
#89
Benzo(a)pyrene
Concen: 9.91 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 102883

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	14.5	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.73 ng
RT: 22.11 min Scan# 3430
Delta R.T. 0.14 min
Lab File: BF095128.D
Acq: 15 May 2017 16:33

Tgt Ion:276 Resp: 56629

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	35.3	25.4	38.0