Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095541.D
Acq On : 30 May 2017 18:16
Operator : SJ/MA
Sample : I3281-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 31 01:41:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	97327	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	383080	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	155609	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	228932	20.00	ng		0.00
75) Chrysene-d12	18.67	240	209715	20.00	ng		0.00
86) Perylene-d12	20.35	264	157531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	723600	123.95	ng		0.00
7) Phenol-d6	7.28	99	872705	124.59	ng		-0.01
23) Nitrobenzene-d5	8.64	82	499443	82.21	ng		-0.01
41) 2,4,6-Tribromophenol	13.89	330	133069	104.42	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	895177	82.80	ng		0.00
78) Terphenyl-d14	17.31	244	522461	54.87	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	59099	12.48	ng	#	74
31) Naphthalene	9.80	128	42191	2.19	ng		100
37) 2-Methylnaphthalene	10.94	142	29732	2.35	ng		95
49) Dimethylphthalate	12.23	163	198361	15.53	ng		99
51) Acenaphthene	12.64	154	29566	2.99	ng		99
54) Dibenzofuran	12.95	168	30400	2.22	ng		95
57) Fluorene	13.49	166	32723	2.75	ng		95
70) Phenanthrene	15.03	178	466538	35.47	ng		97
71) Anthracene	15.12	178	118579	8.83	ng		96
72) Carbazole	15.42	167	34598	2.83	ng		97
74) Fluoranthene	16.78	202	647990	48.02	ng		98
76) Benzidine	17.04	184	133	6.61	ng	#	1
77) Pyrene	17.08	202	570879	36.40	ng		99
80) Benzo(a)anthracene	18.66	228	284920	23.34	ng		96
82) Chrysene	18.71	228	264437	22.41	ng		98
87) Benzo(b)fluoranthene	19.95	252	371429	38.16	ng	#	97
88) Benzo(k)fluoranthene	19.95	252	371429	39.56	ng		99
89) Benzo(a)pyrene	20.30	252	195469	21.76	ng		95
90) Dibenzo(a,h)anthracene	21.69	278	22903	3.09	ng	#	79
91) Benzo(g,h,i)perylene	22.08	276	91282	12.54	ng		95

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

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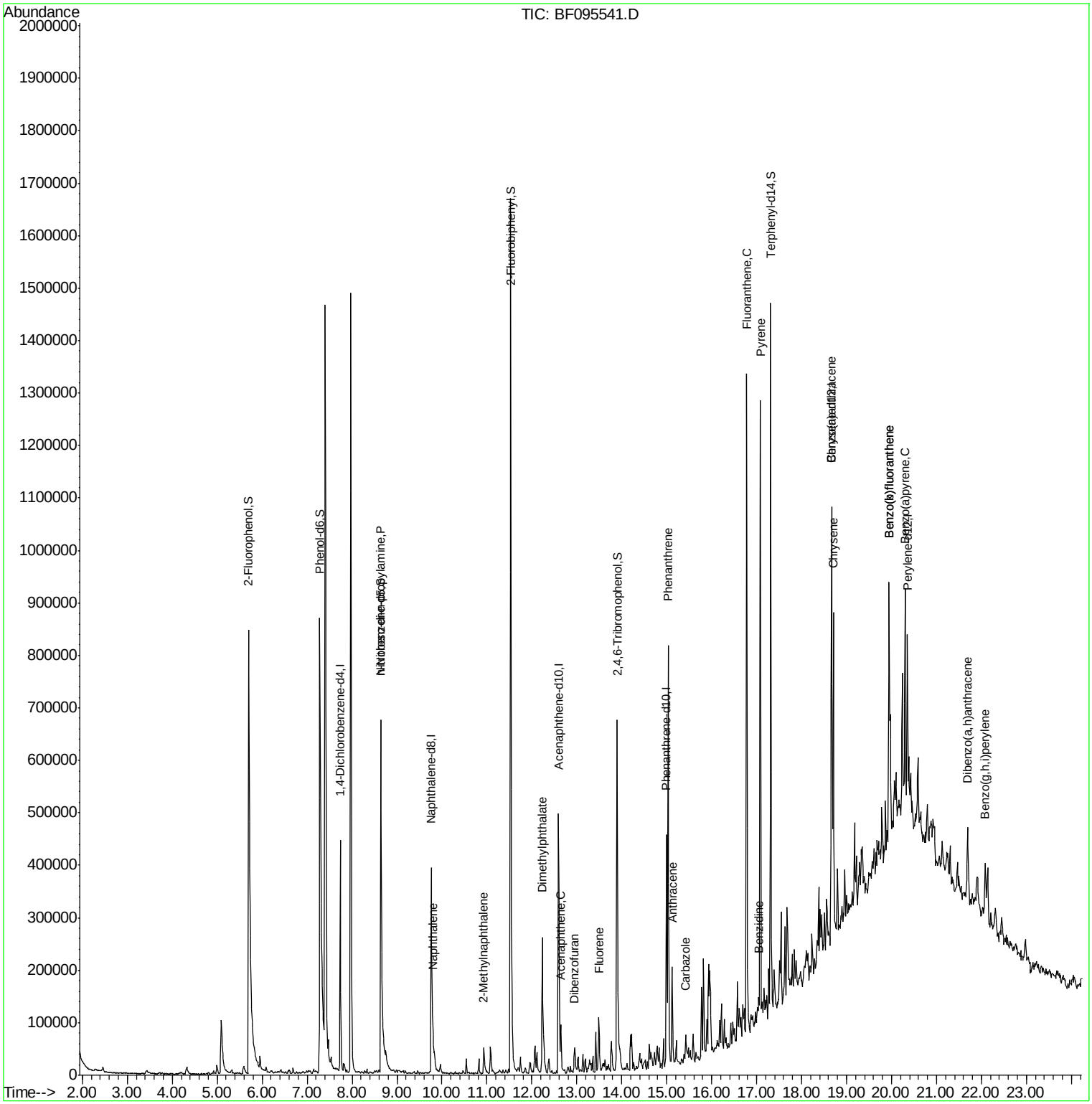
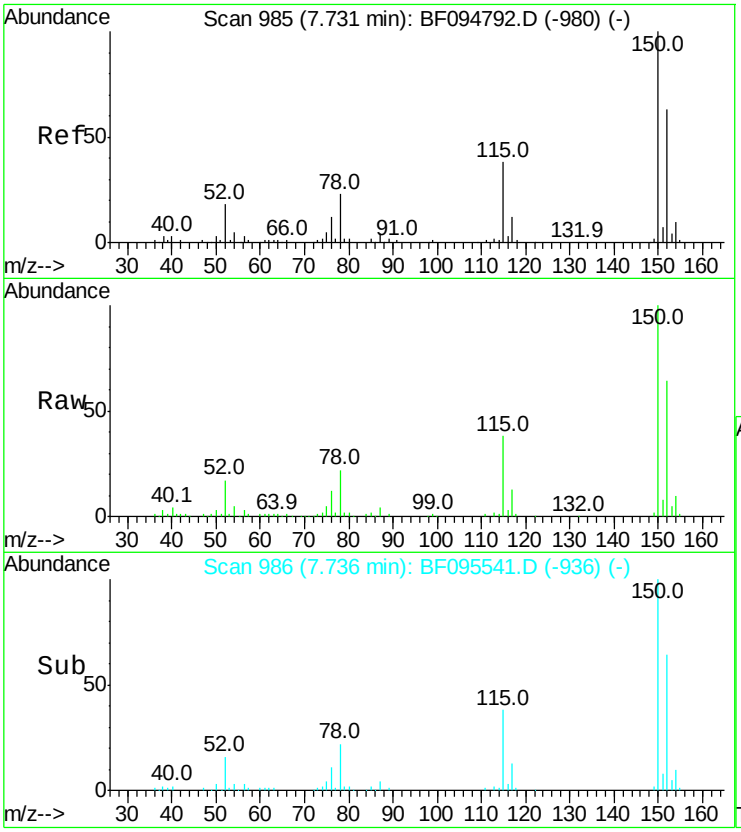


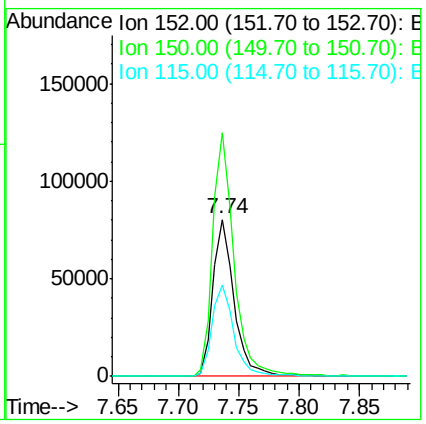


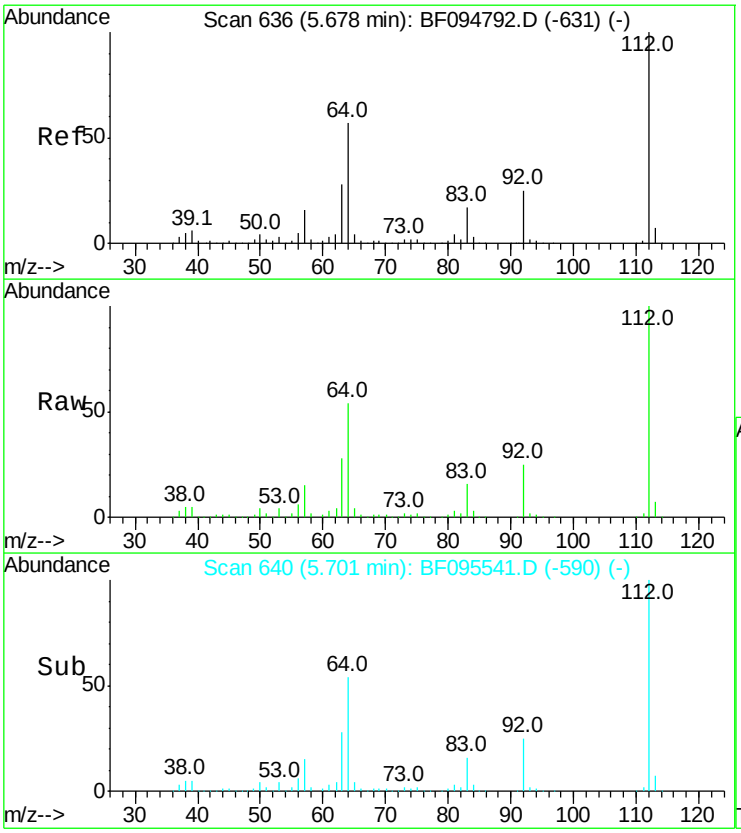
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97327

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	58.2	52.2	78.2

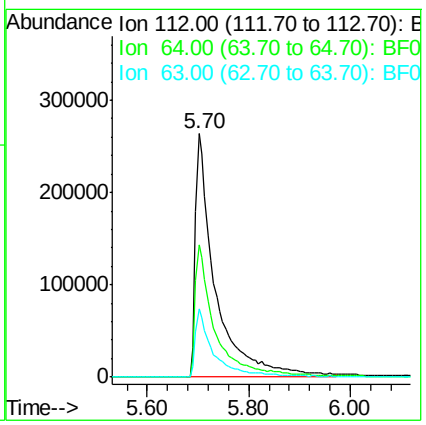


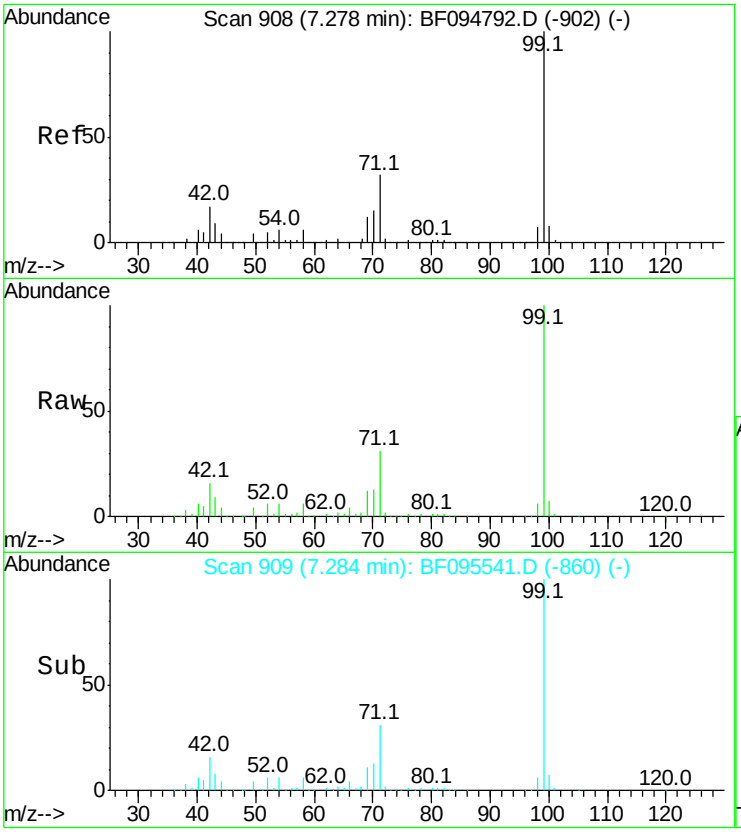


#5
2-Fluorophenol
Concen: 123.95 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:112 Resp: 723600

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	28.1	23.4	35.0



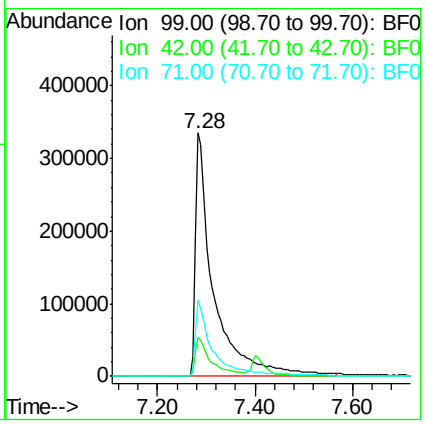


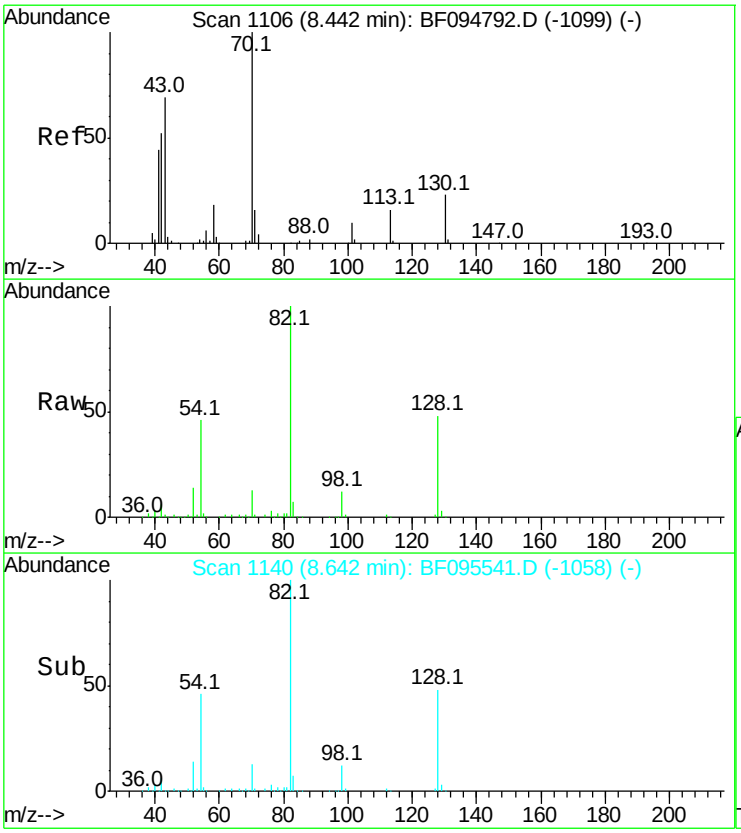
#7
Phenol-d6
Concen: 124.59 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 872705

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	31.3	24.5	36.7

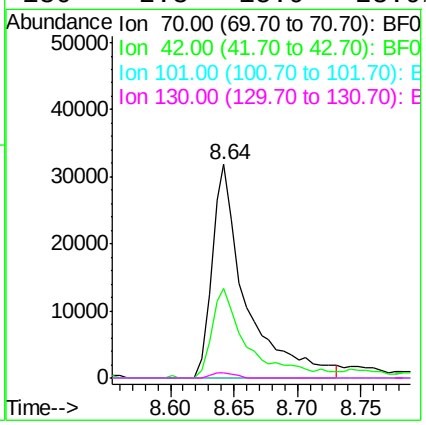


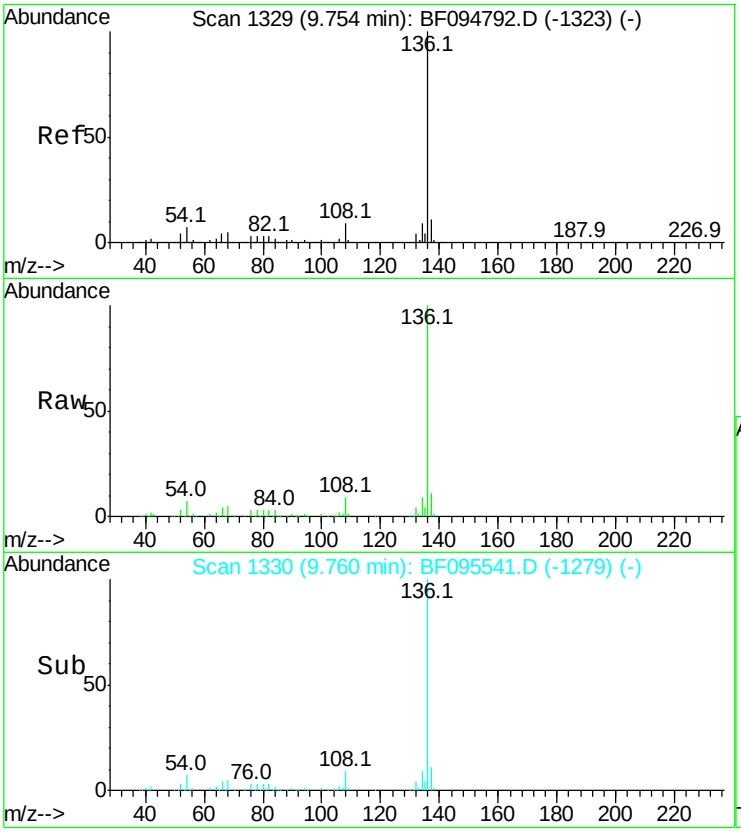


#19
n-Nitroso-di-n-propylamine
Concen: 12.48 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion: 70 Resp: 59099

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

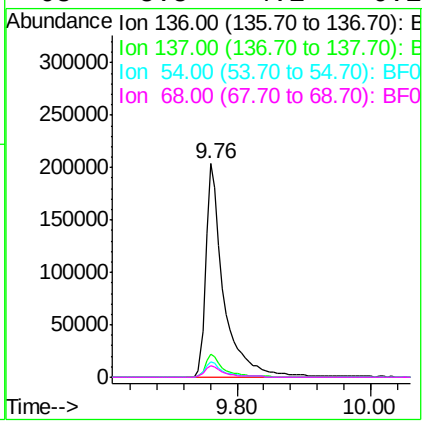




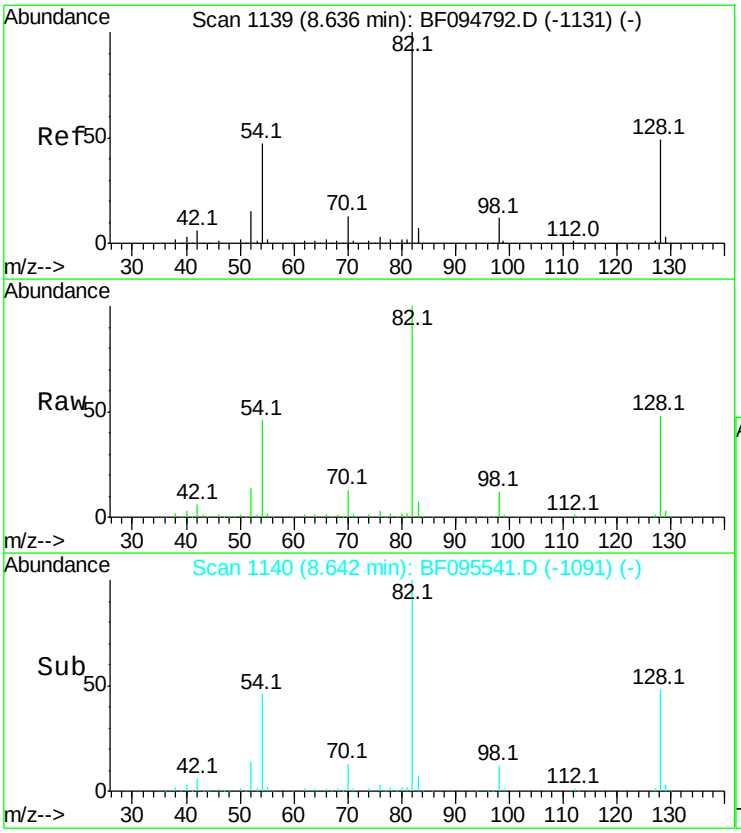
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:136 Resp: 383080

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1



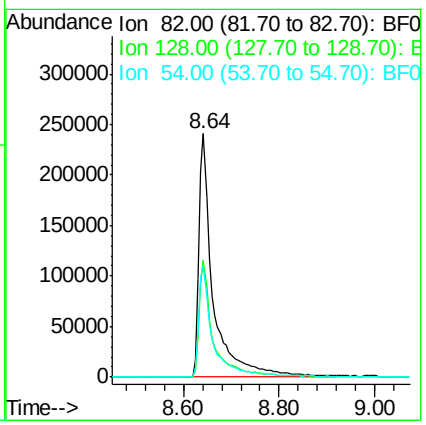
Instrument :
BNA_F
ClientSampleId :

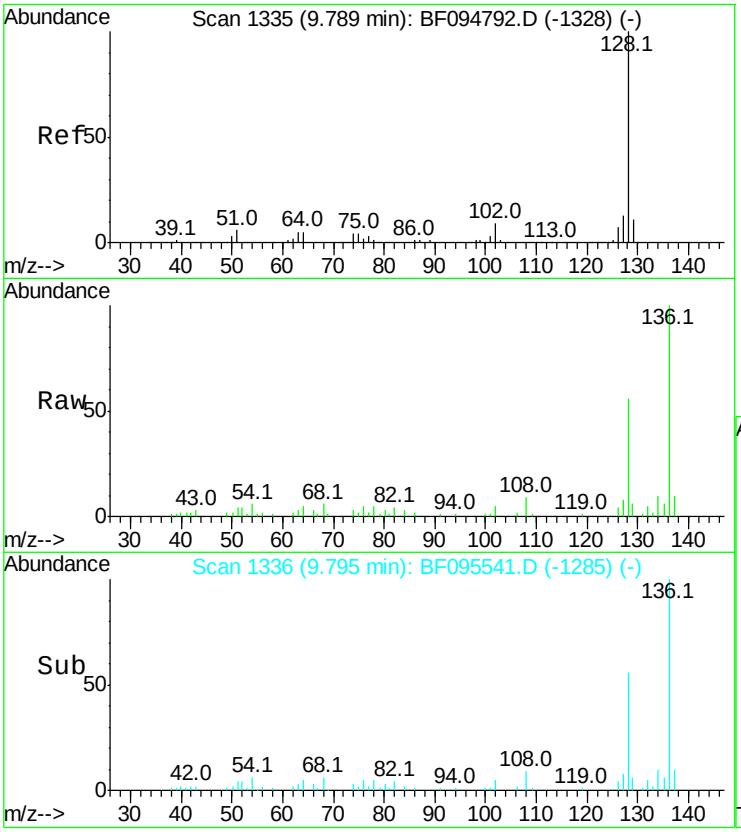


#23
Nitrobenzene-d5
Concen: 82.21 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion: 82 Resp: 499443

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.1	42.2	63.2



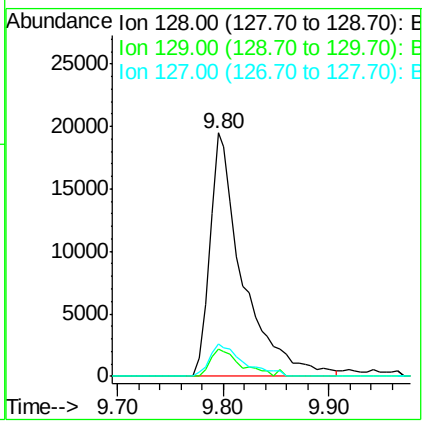


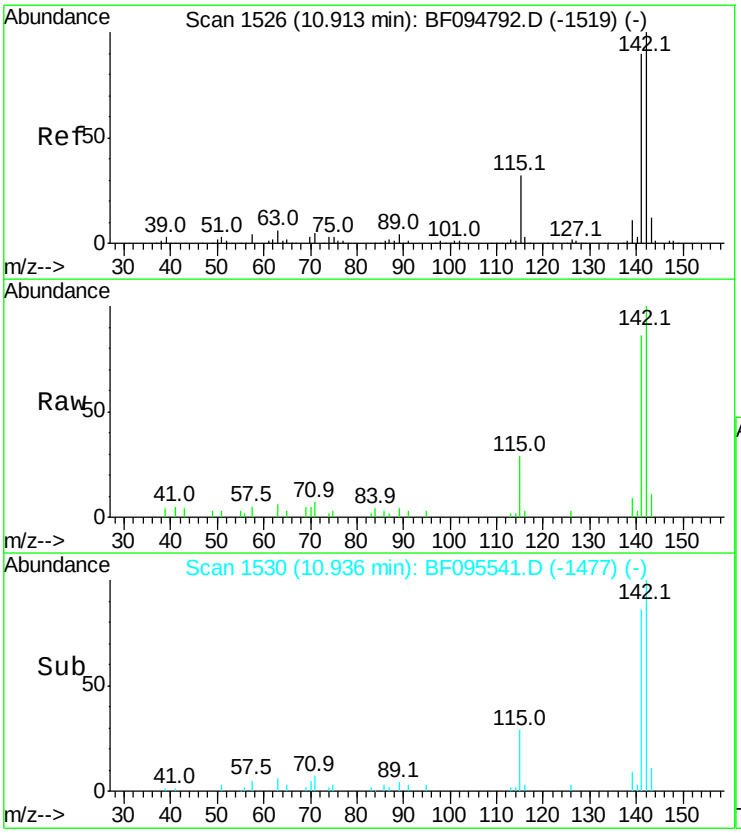
#31
Naphthalene
Concen: 2.19 ng
RT: 9.80 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 42191

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.8	16.2

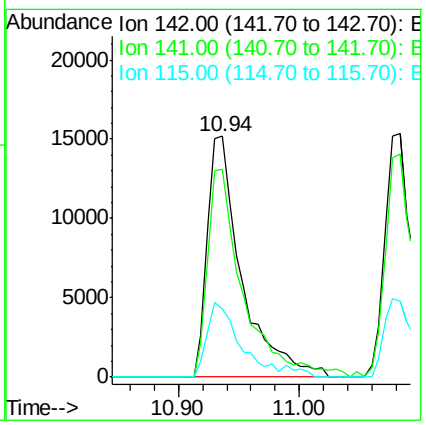


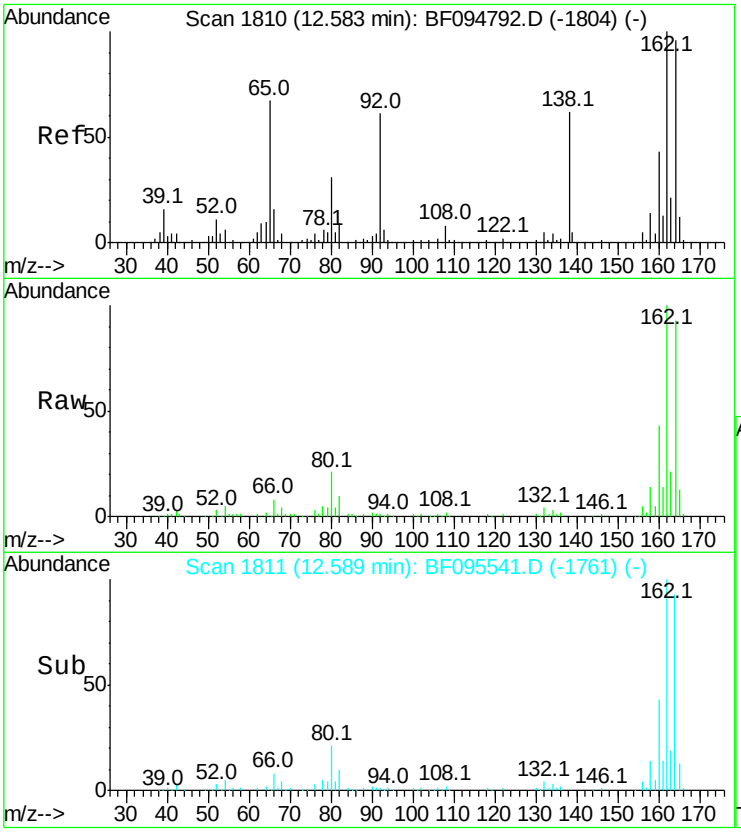


#37
2-Methylnaphthalene
Concen: 2.35 ng
RT: 10.94 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:142 Resp: 29732

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	28.6	27.1	40.7



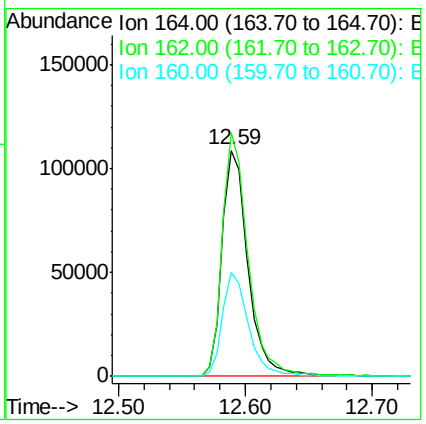


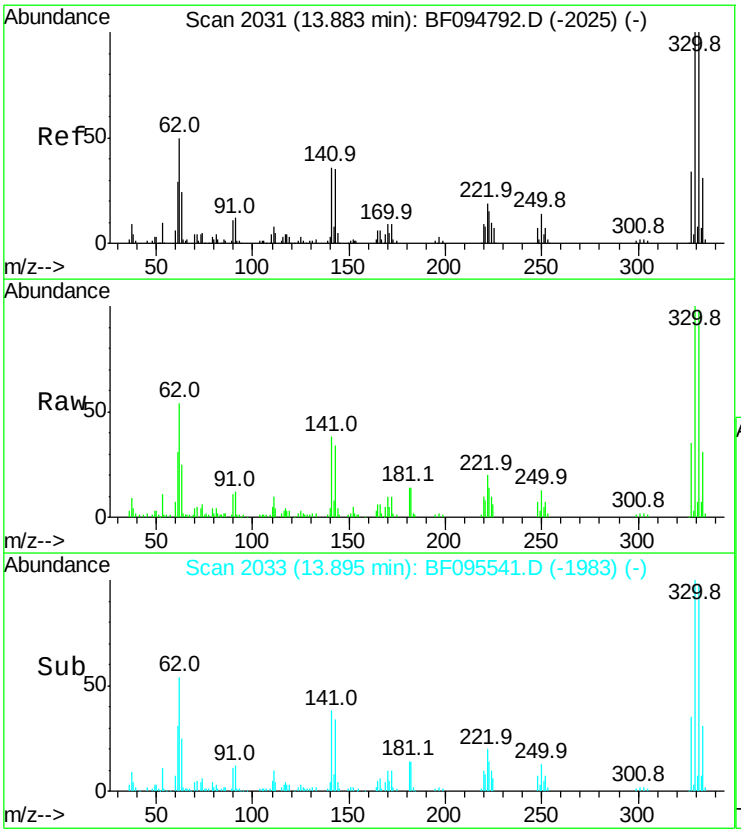
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 155609

Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.6	123.8
160	46.0	36.2	54.2

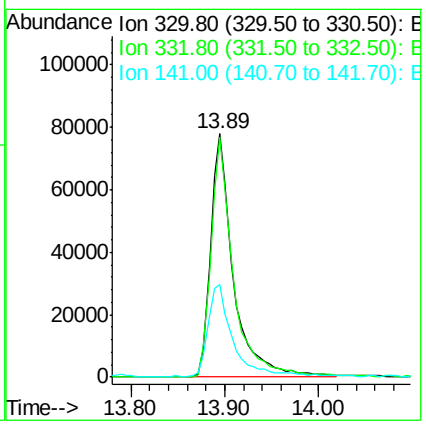


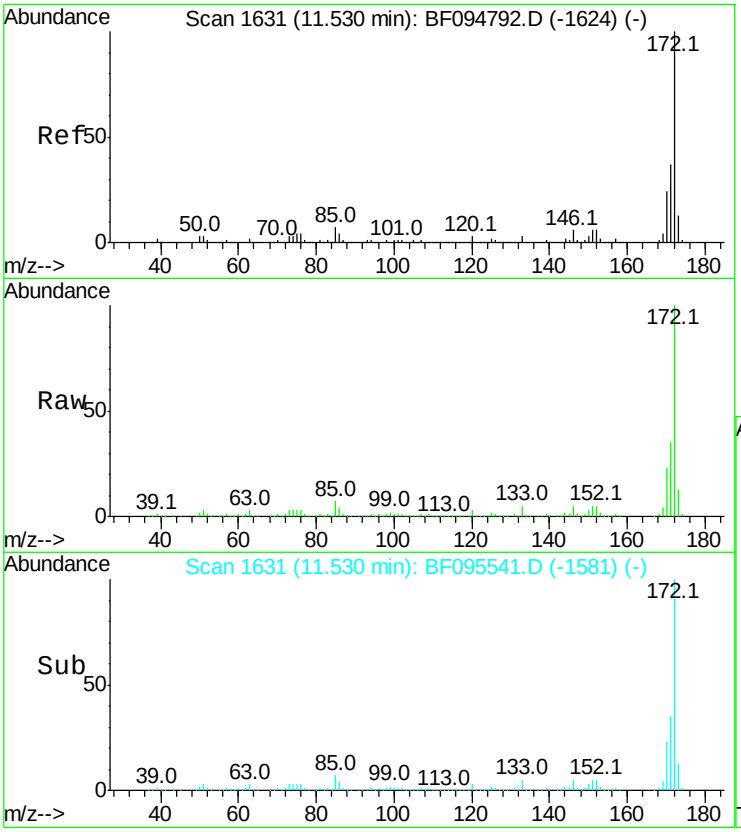


#41
2,4,6-Tribromophenol
Concen: 104.42 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:330 Resp: 133069

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	42.6	31.4	47.2



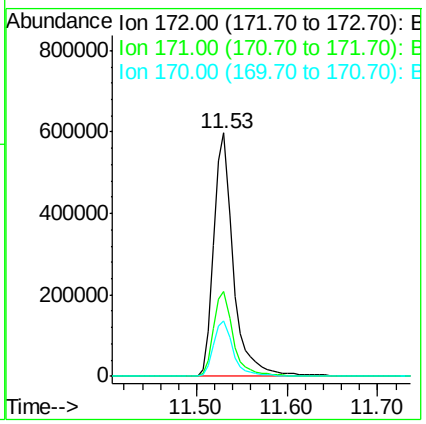


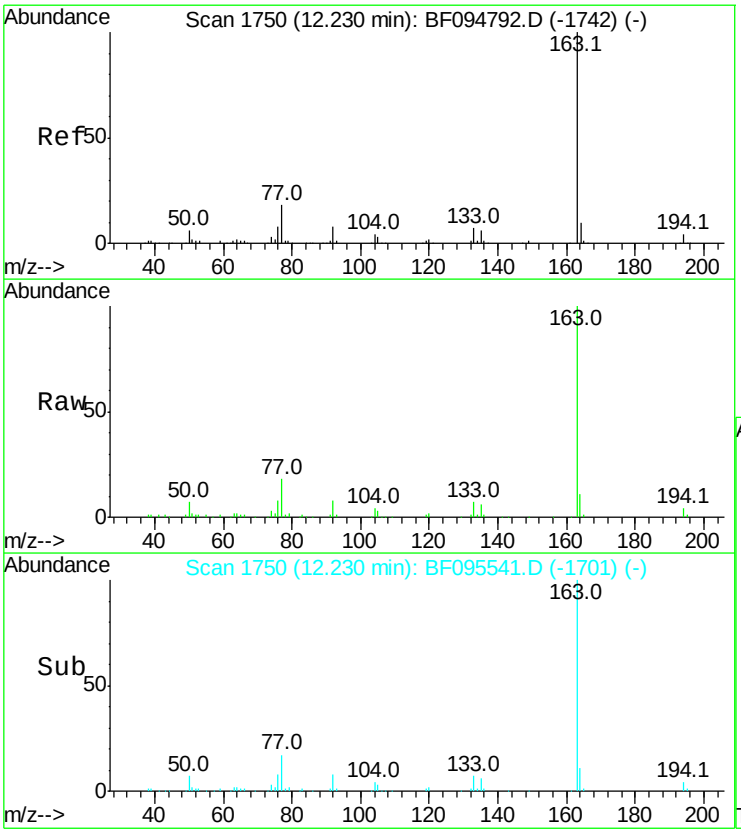
#44
2-Fluorobiphenyl
Concen: 82.80 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 895177

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.8	19.8	29.8

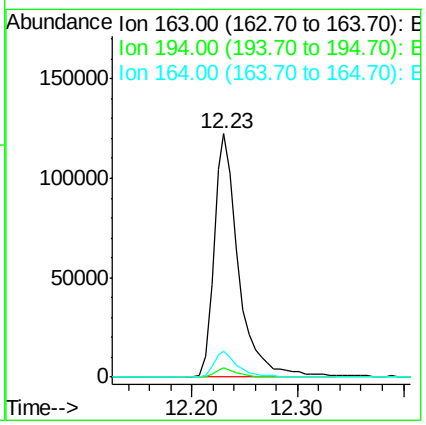


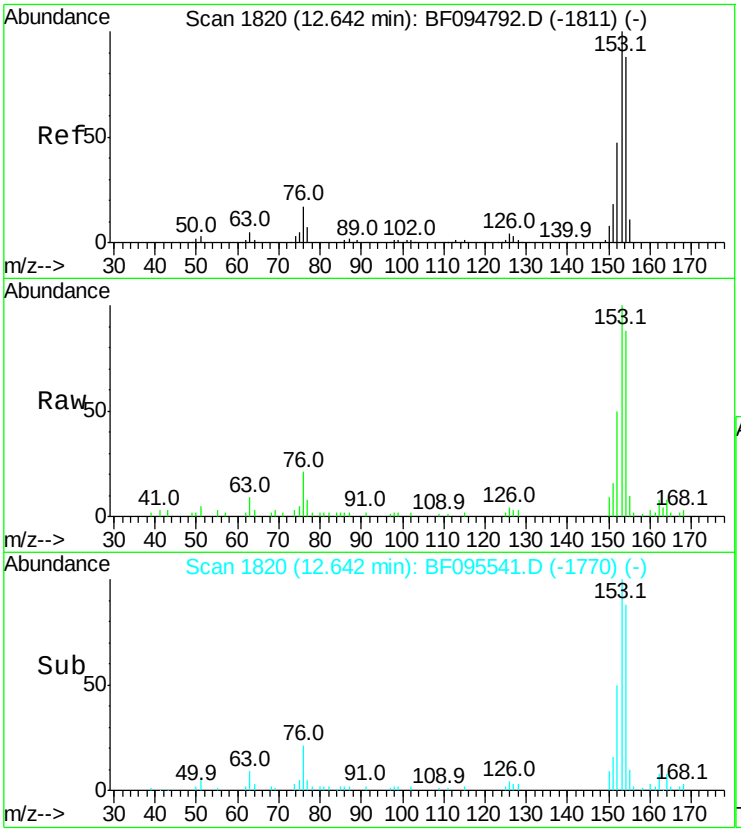


#49
Dimethylphthalate
Concen: 15.53 ng
RT: 12.23 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:163 Resp: 198361

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.7	8.4	12.6



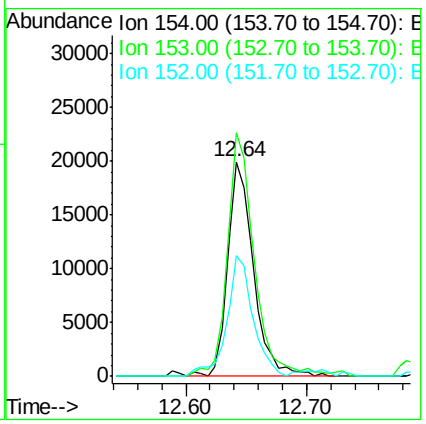


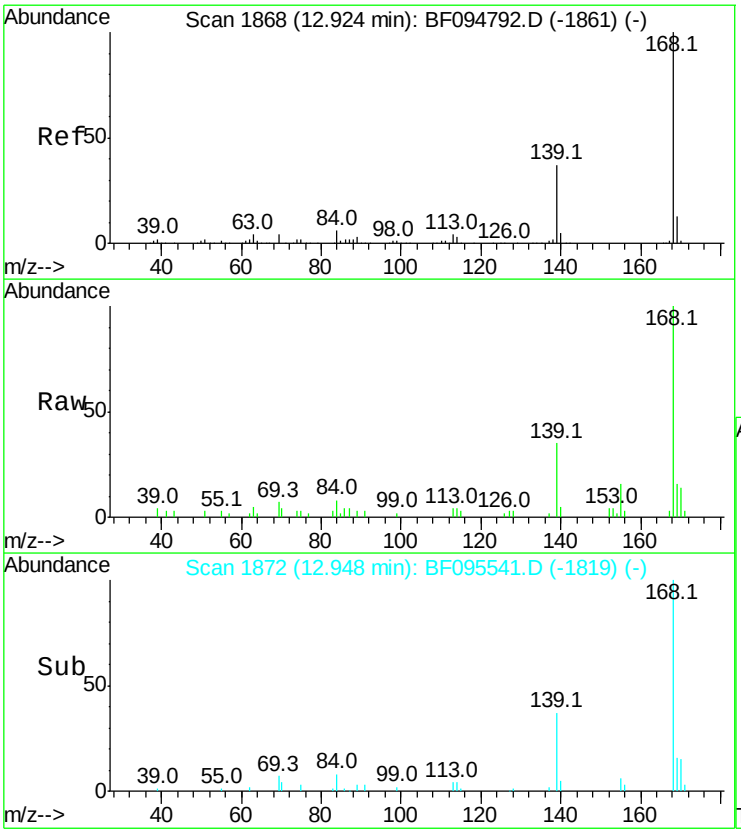
#51
Acenaphthene
Concen: 2.99 ng
RT: 12.64 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 29566

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	56.4	43.6	65.4

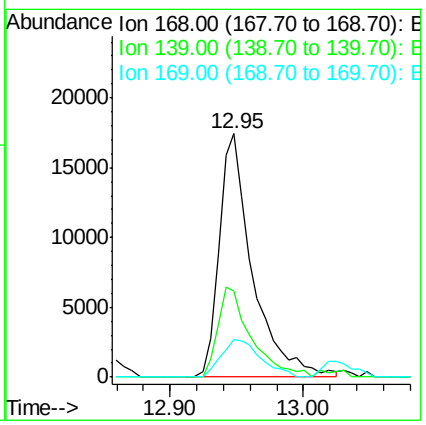


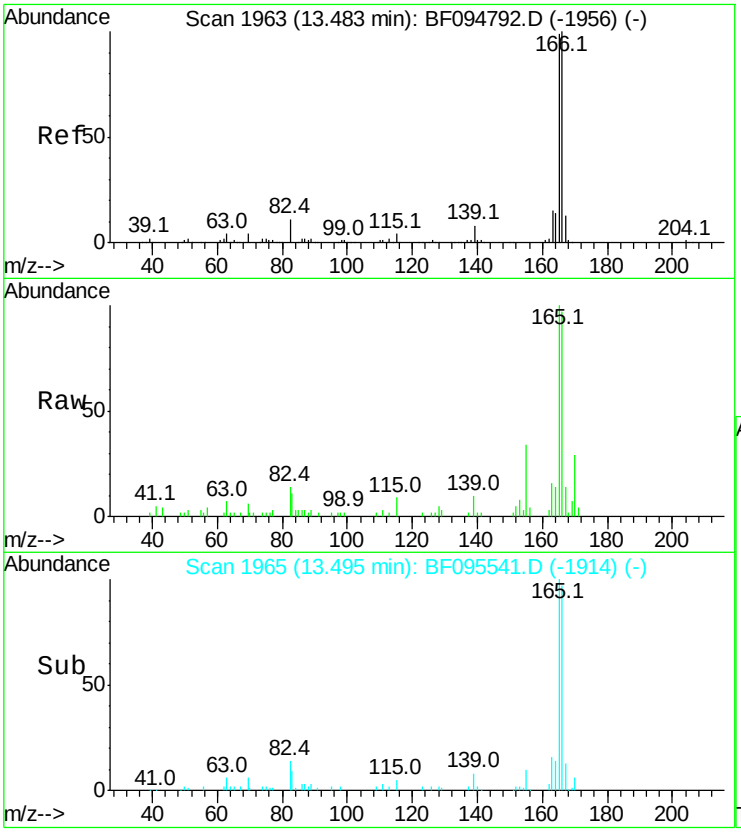


#54
Dibenzofuran
Concen: 2.22 ng
RT: 12.95 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:168 Resp: 30400

Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.6	45.8
169	15.6	10.8	16.2



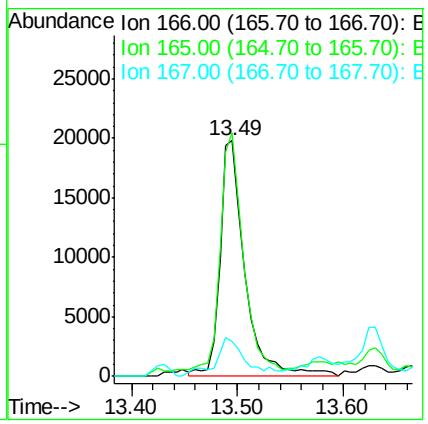


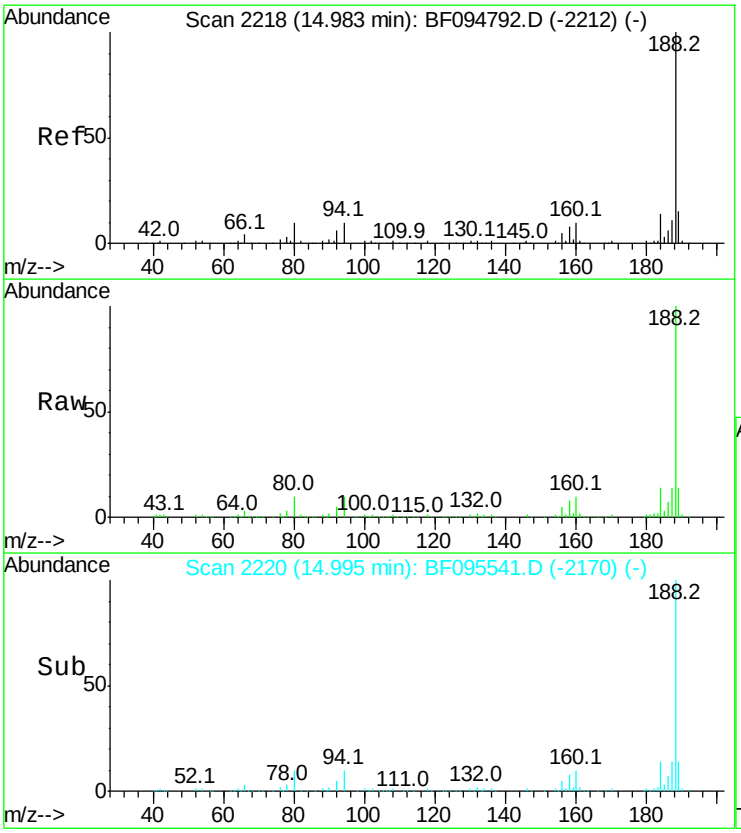
#57
Fluorene
Concen: 2.75 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 32723

Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.8	118.2
167	14.8	10.6	16.0

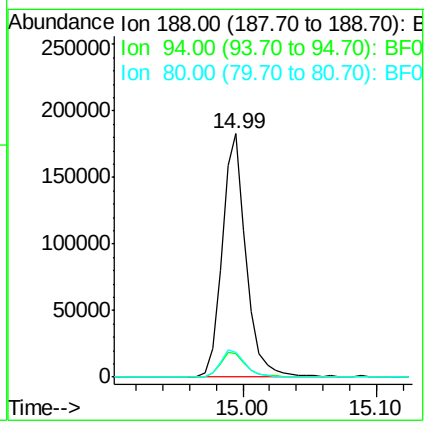


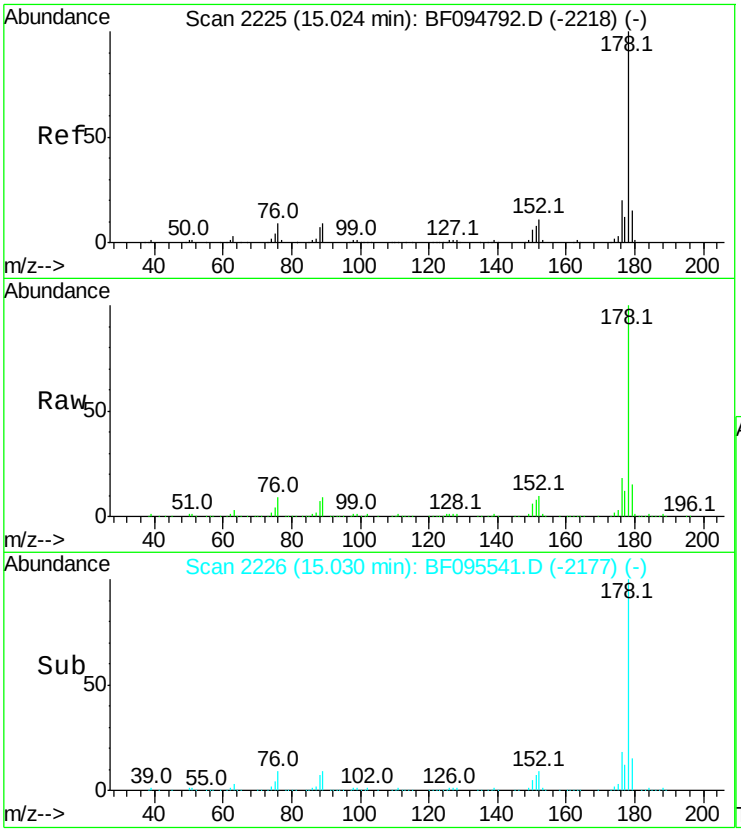


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:188 Resp: 228932

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.3	10.2	15.2



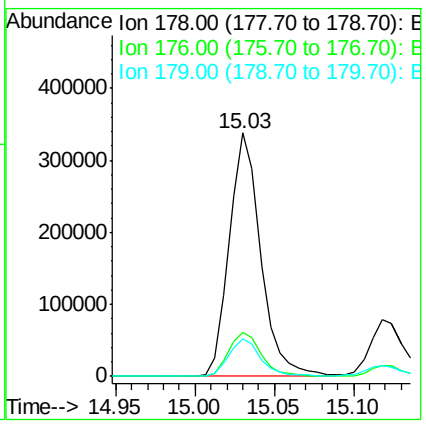


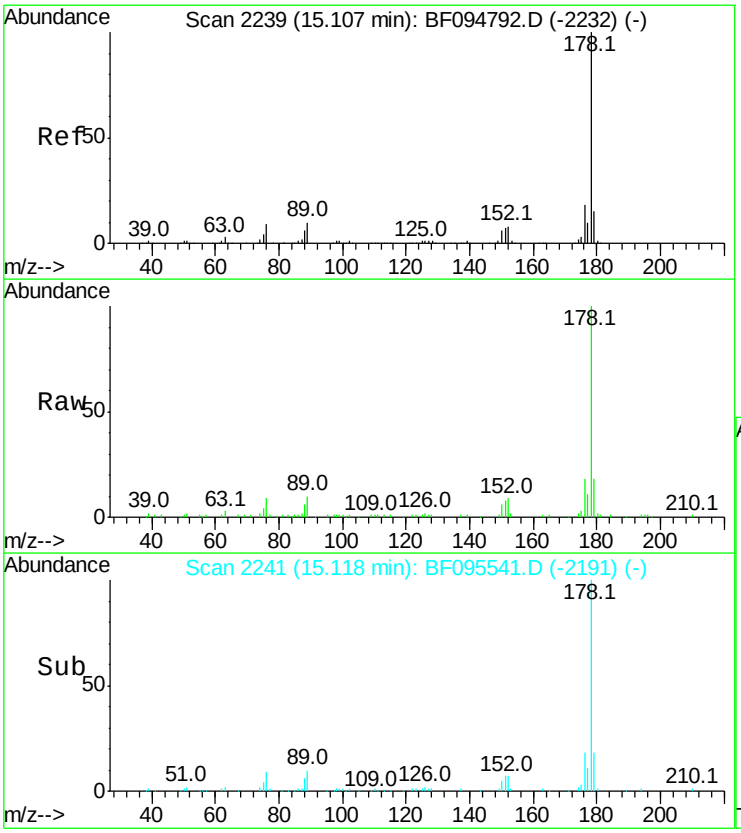
#70
Phenanthrene
Concen: 35.47 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 466538

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.2	12.6	19.0

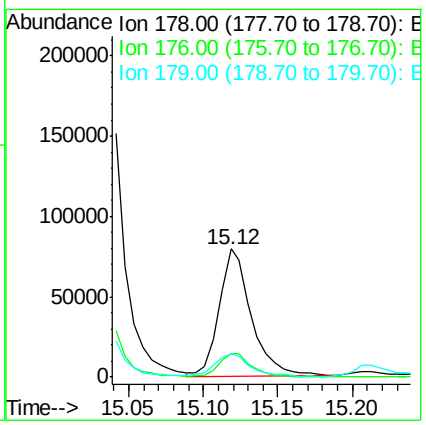


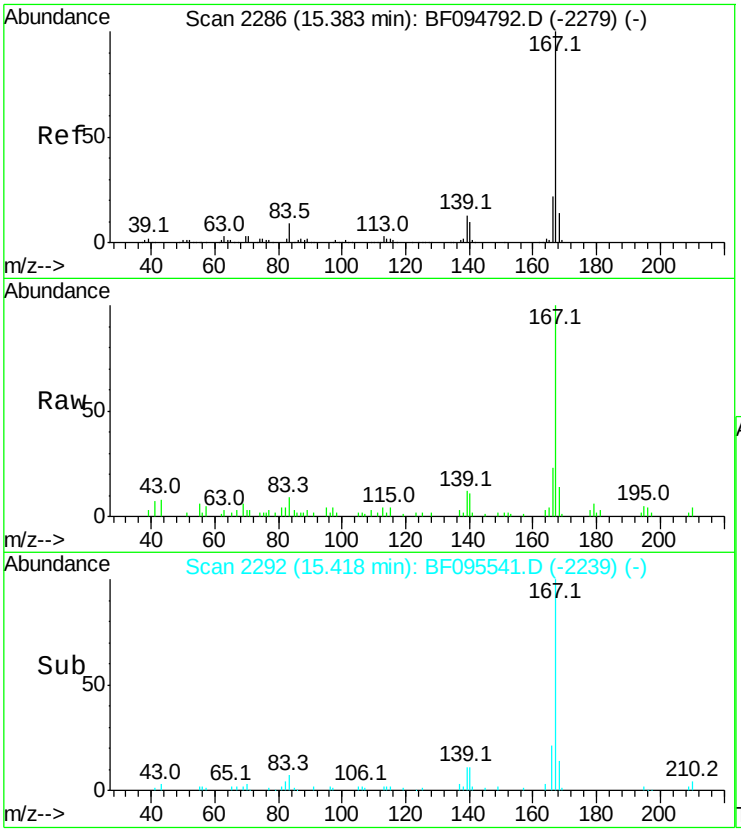


#71
Anthracene
Concen: 8.83 ng
RT: 15.12 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:178 Resp: 118579

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	17.9	12.7	19.1



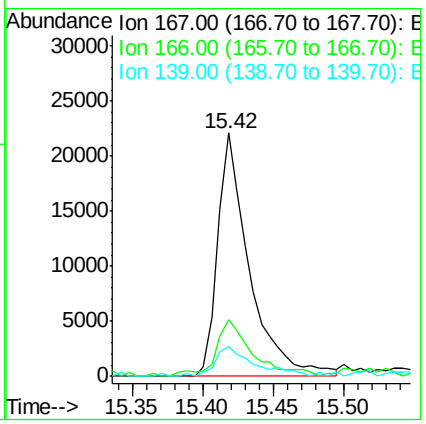


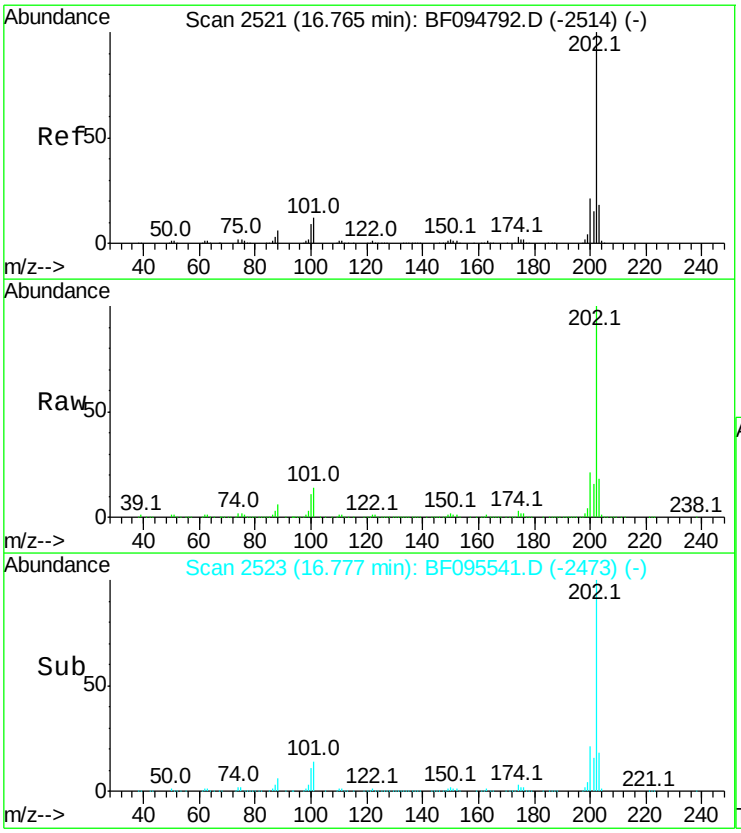
#72
Carbazole
Concen: 2.83 ng
RT: 15.42 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 34598

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.1	27.1
139	12.3	11.7	17.5

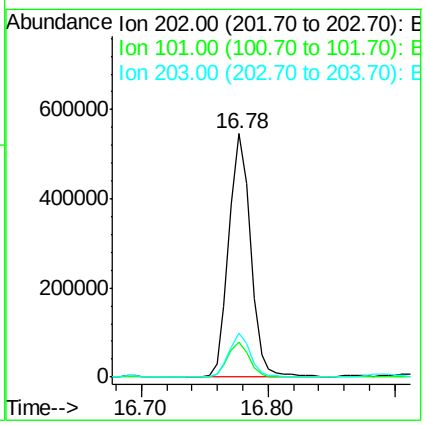


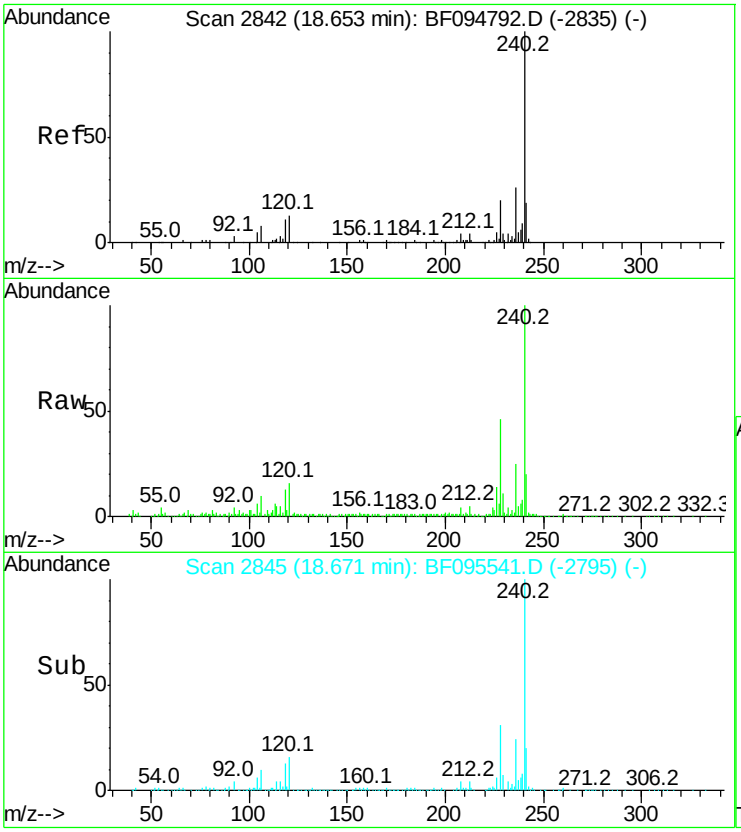


#74
Fluoranthene
Concen: 48.02 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:202 Resp: 647990

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.8	0.0	38.1



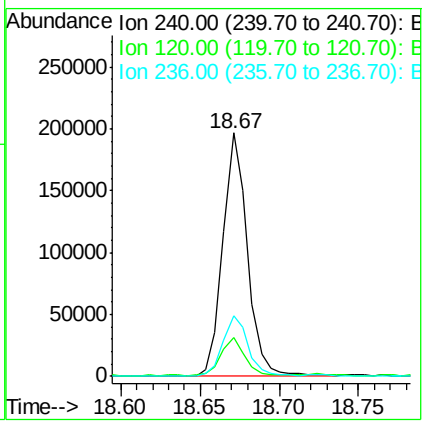


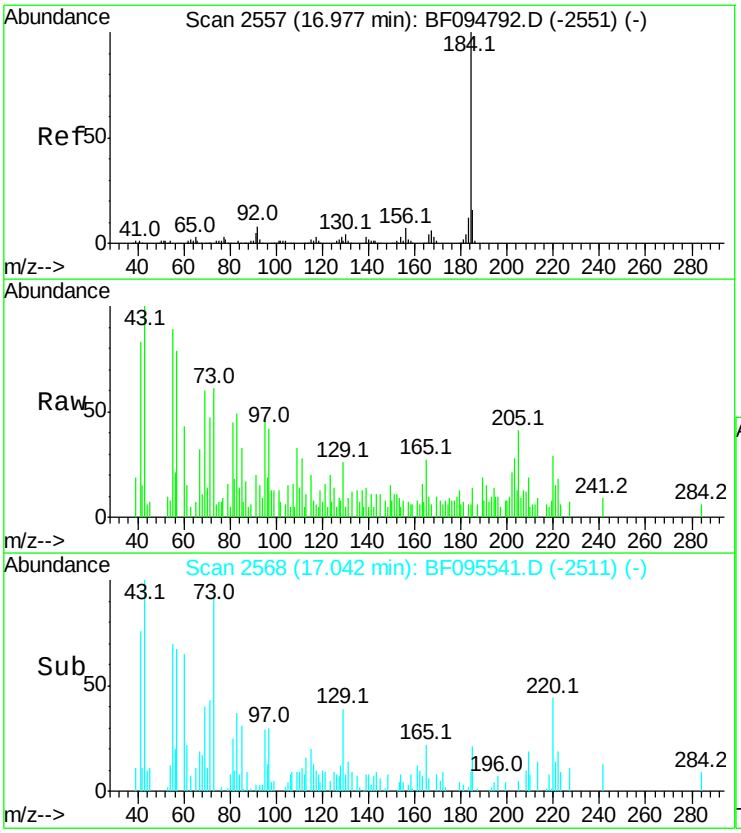
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209715

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	24.7	20.5	30.7

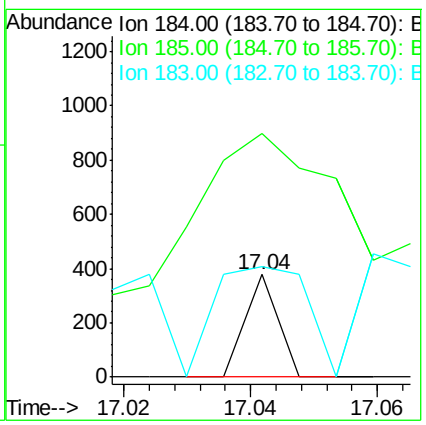


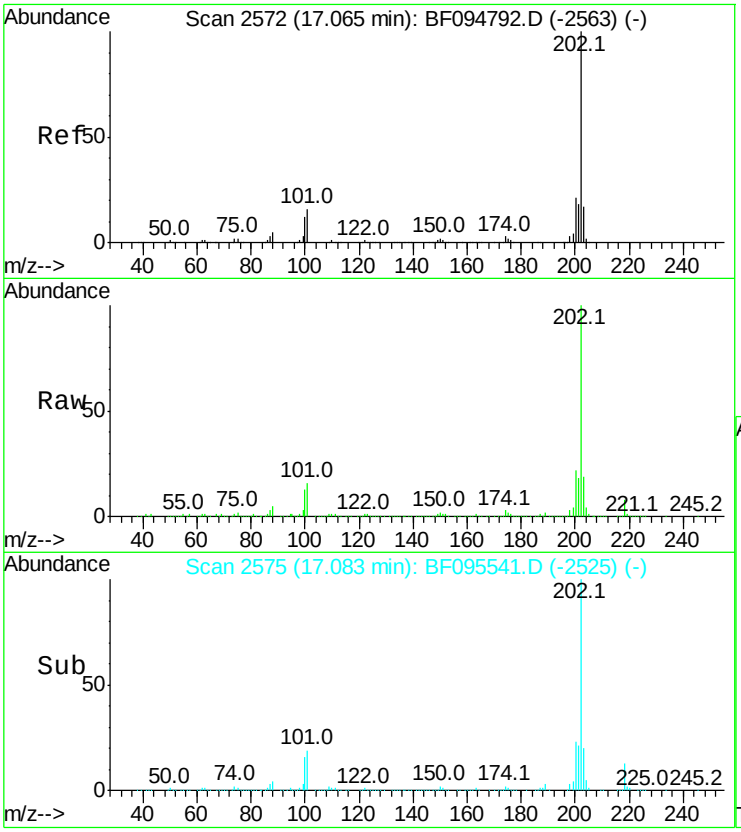


#76
Benzidine
Concen: 6.61 ng
RT: 17.04 min Scan# 2568
Delta R.T. 0.04 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:184 Resp: 133

Ion	Ratio	Lower	Upper
184	100		
185	238.2	15.5	23.3#
183	108.0	9.8	14.6#



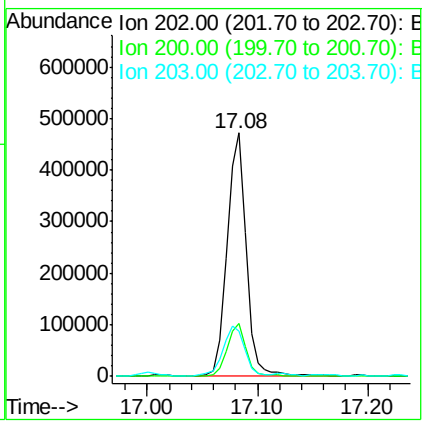


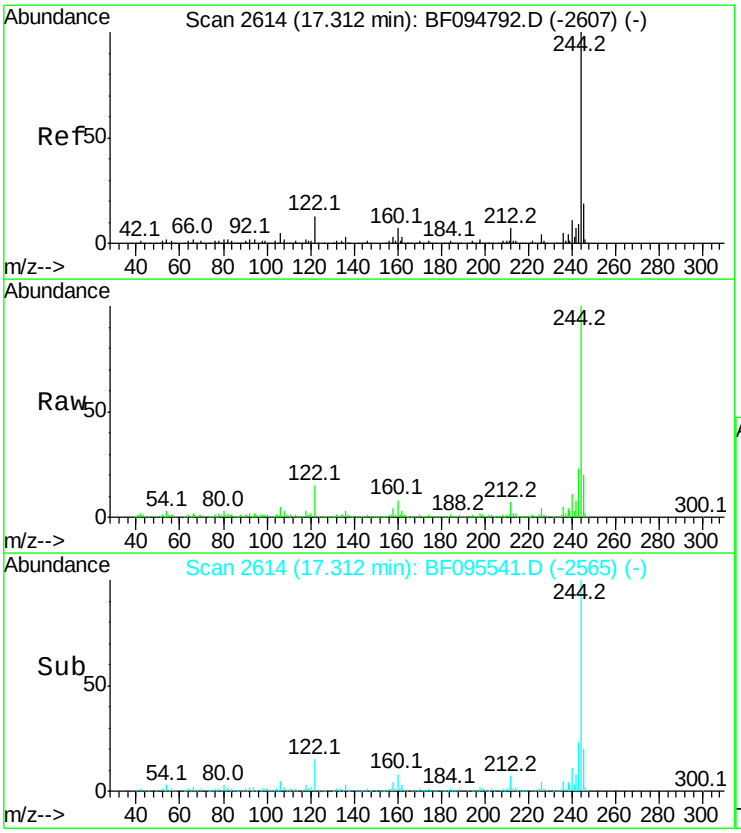
#77
Pyrene
Concen: 36.40 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 570879

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.8	14.4	21.6

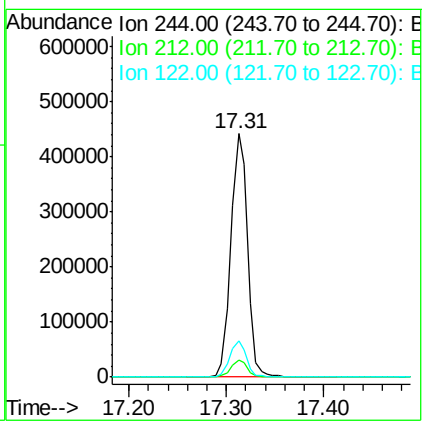


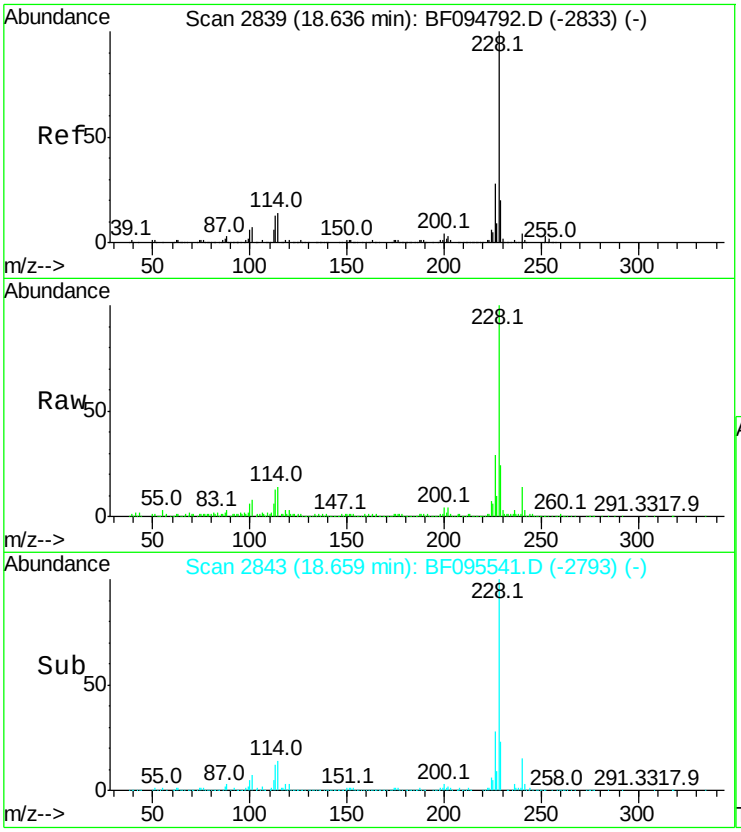


#78
Terphenyl-d14
Concen: 54.87 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:244 Resp: 522461

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.9	10.3	15.5



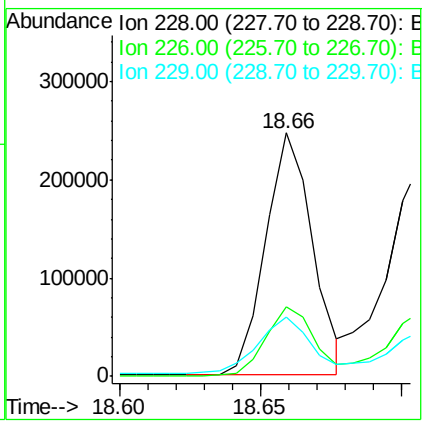


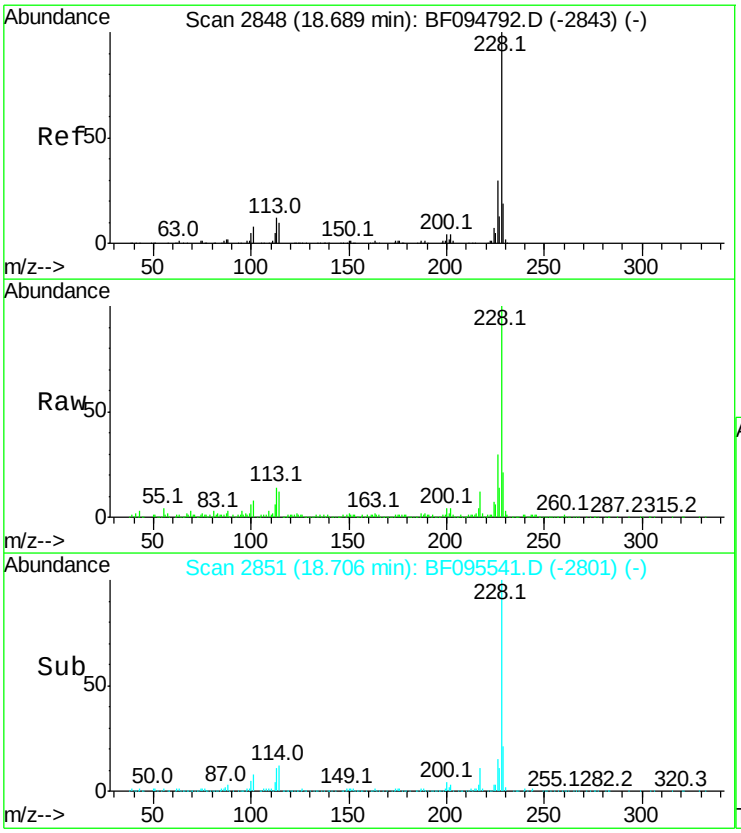
#80
Benzo(a)anthracene
Concen: 23.34 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 284920

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	24.4	16.3	24.5

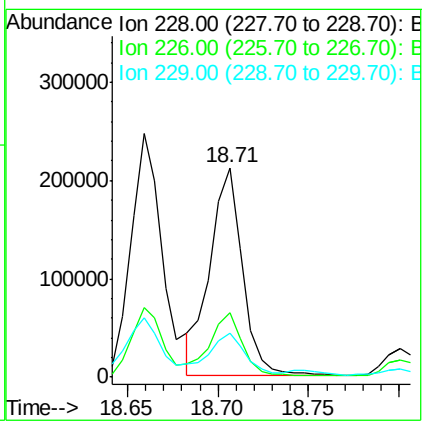


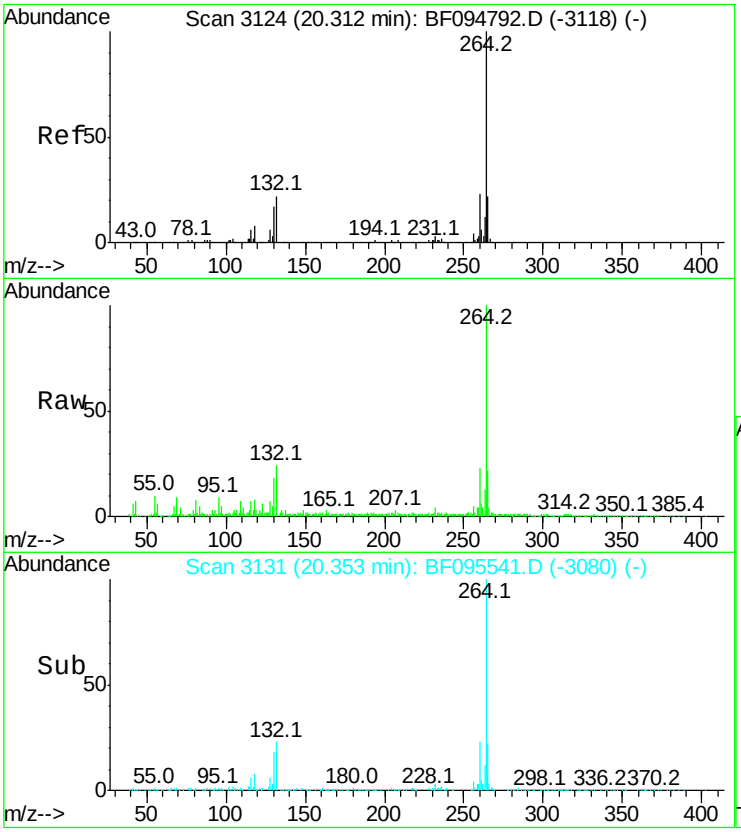


#82
Chrysene
Concen: 22.41 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:228 Resp: 264437

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.2	15.8	23.6



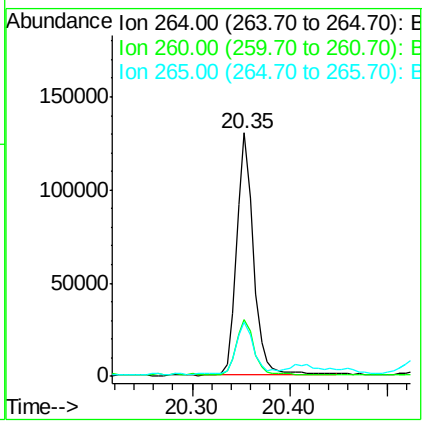


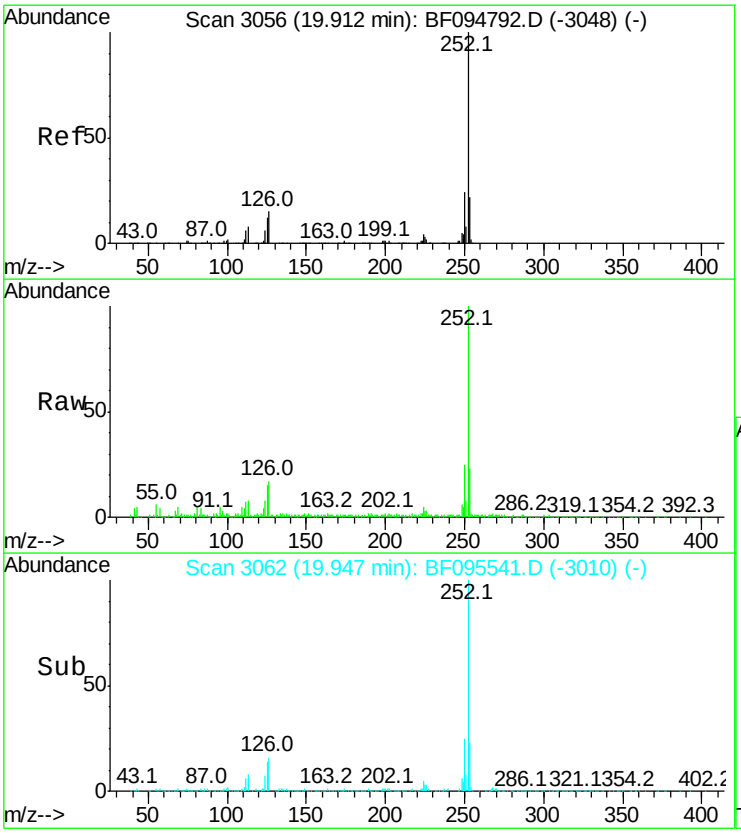
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 157531

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	17.2	25.8

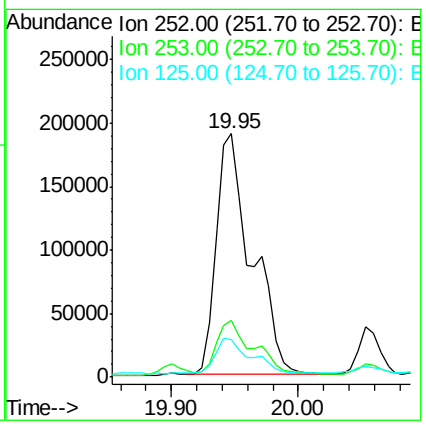


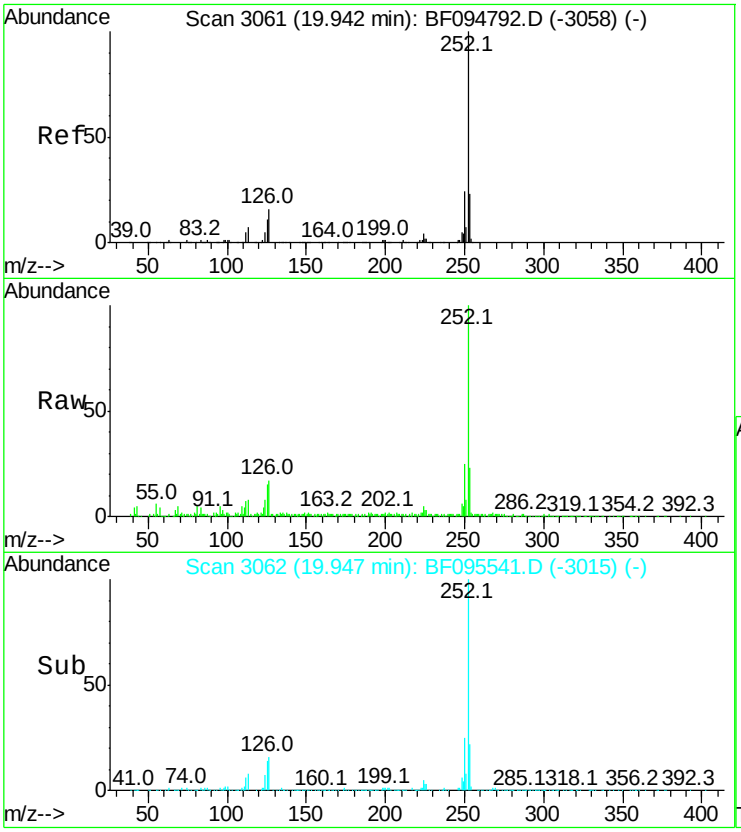


#87
Benzo(b)fluoranthene
Concen: 38.16 ng
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:252 Resp: 371429

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	15.3	9.8	14.8#



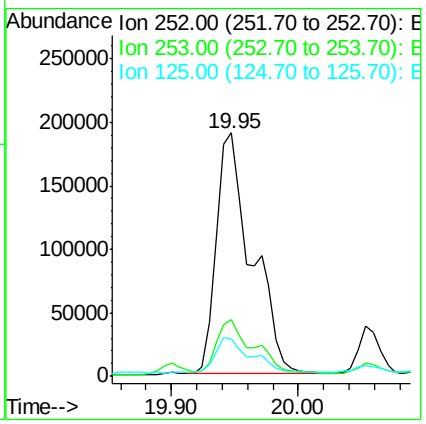


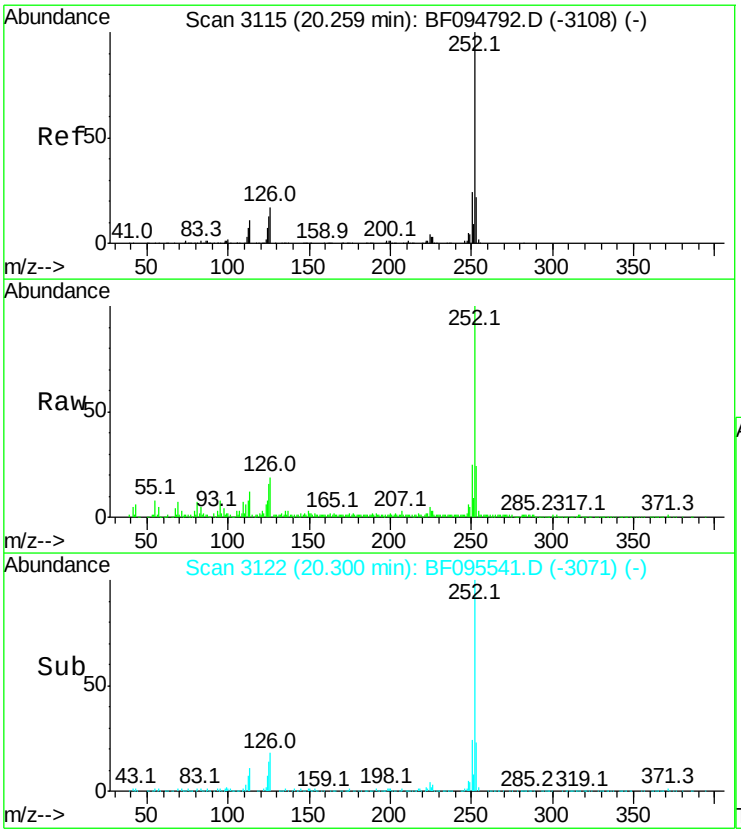
#88
Benzo(k)fluoranthene
Concen: 39.56 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 371429

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	15.3	13.1	19.7

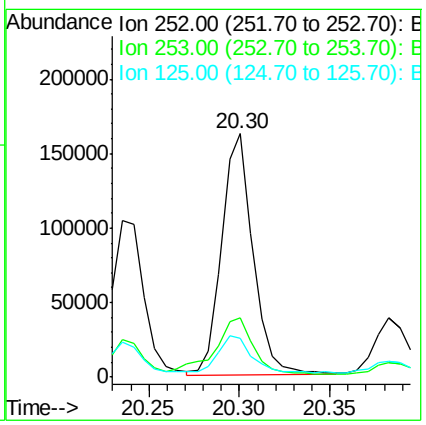


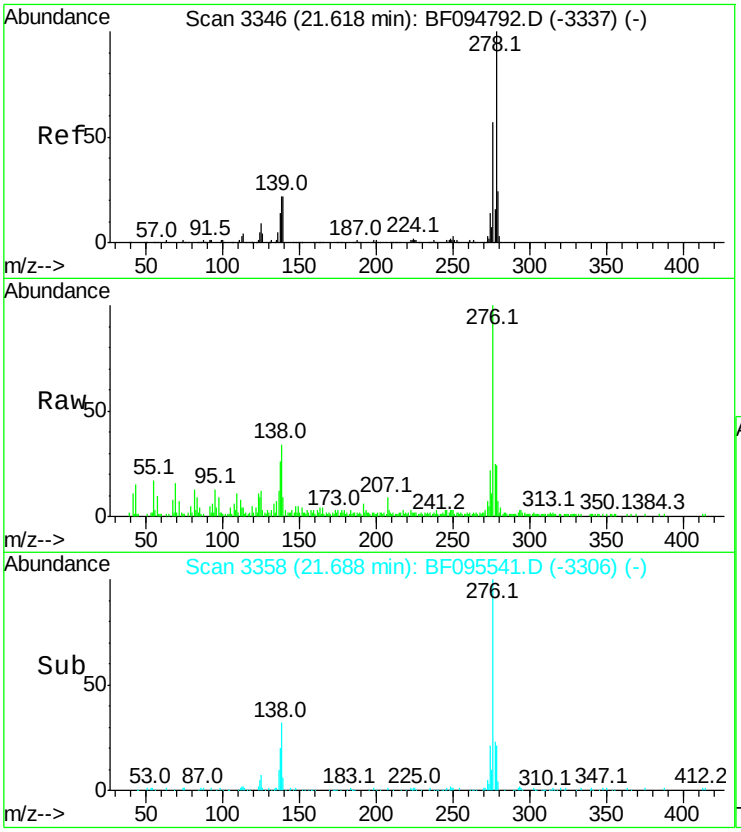


#89
Benzo(a)pyrene
Concen: 21.76 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:252 Resp: 195469

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	15.8	11.0	16.4



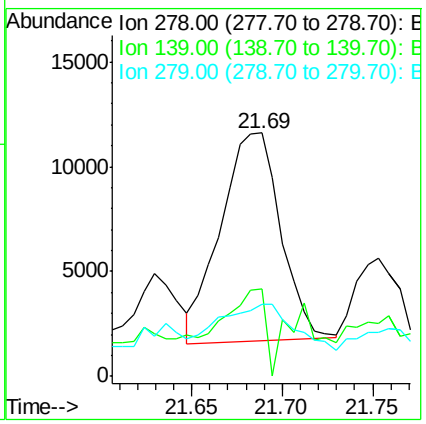


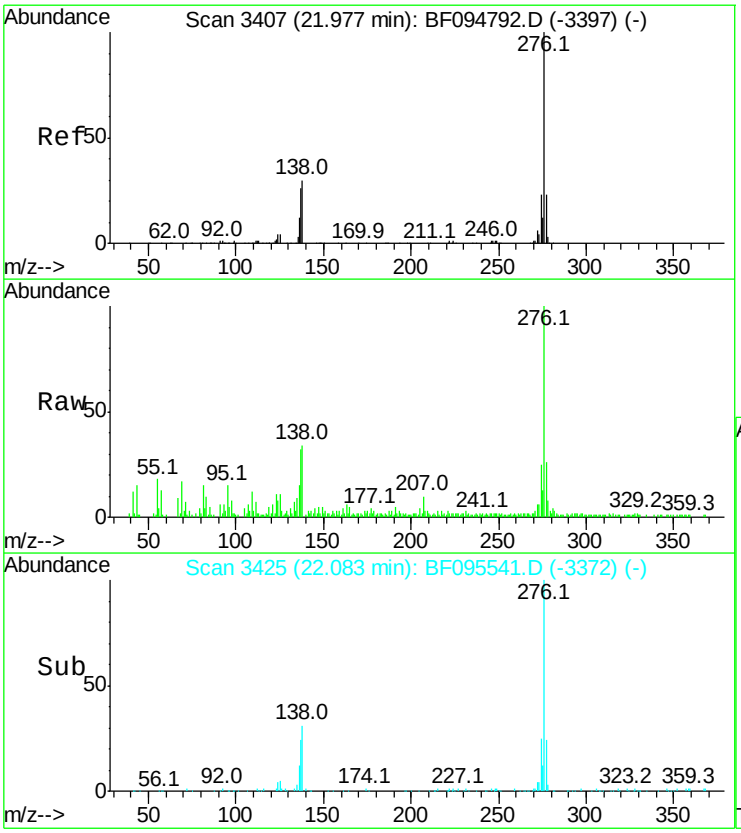
#90
Dibenzo(a,h)anthracene
Concen: 3.09 ng
RT: 21.69 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22903

Ion	Ratio	Lower	Upper
278	100		
139	36.2	16.6	24.8#
279	29.5	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 12.54 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.01 min
Lab File: BF095541.D
Acq: 30 May 2017 18:16

Tgt Ion:276 Resp: 91282

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	33.6	25.4	38.0