Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 31 01:40:05 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	90130	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	370916	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	160534	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	236710	20.00	ng		0.00
75) Chrysene-d12	18.67	240	206069	20.00	ng		0.00
86) Perylene-d12	20.35	264	169686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	705183	130.44	ng		0.00
7) Phenol-d6	7.28	99	834598	128.67	ng		-0.01
23) Nitrobenzene-d5	8.64	82	494389	84.05	ng		-0.01
41) 2,4,6-Tribromophenol	13.89	330	136733	104.00	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	918544	82.36	ng		0.00
78) Terphenyl-d14	17.31	244	513669	54.90	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	58433	13.32	ng	#	75
49) Dimethylphthalate	12.23	163	227926	17.29	ng		99
70) Phenanthrene	15.03	178	230452	16.94	ng		97
71) Anthracene	15.03	178	230452	16.59	ng		97
74) Fluoranthene	16.78	202	340053	24.37	ng		97
76) Benzidine	16.99	184	126	6.61	ng	#	62
77) Pyrene	17.08	202	290496	18.85	ng		95
80) Benzo(a)anthracene	18.66	228	172438	14.38	ng		97
82) Chrysene	18.70	228	172193	14.85	ng		97
85) Indeno(1,2,3-cd)pyrene	21.69	276	68000	7.22	ng		94
87) Benzo(b)fluoranthene	19.94	252	270068	25.76	ng	#	95
88) Benzo(k)fluoranthene	19.94	252	270068	26.70	ng		99
89) Benzo(a)pyrene	20.29	252	124886	12.91	ng		94
90) Dibenzo(a,h)anthracene	21.68	278	16808	2.10	ng	#	76
91) Benzo(g,h,i)perylene	22.08	276	67632	8.63	ng		98

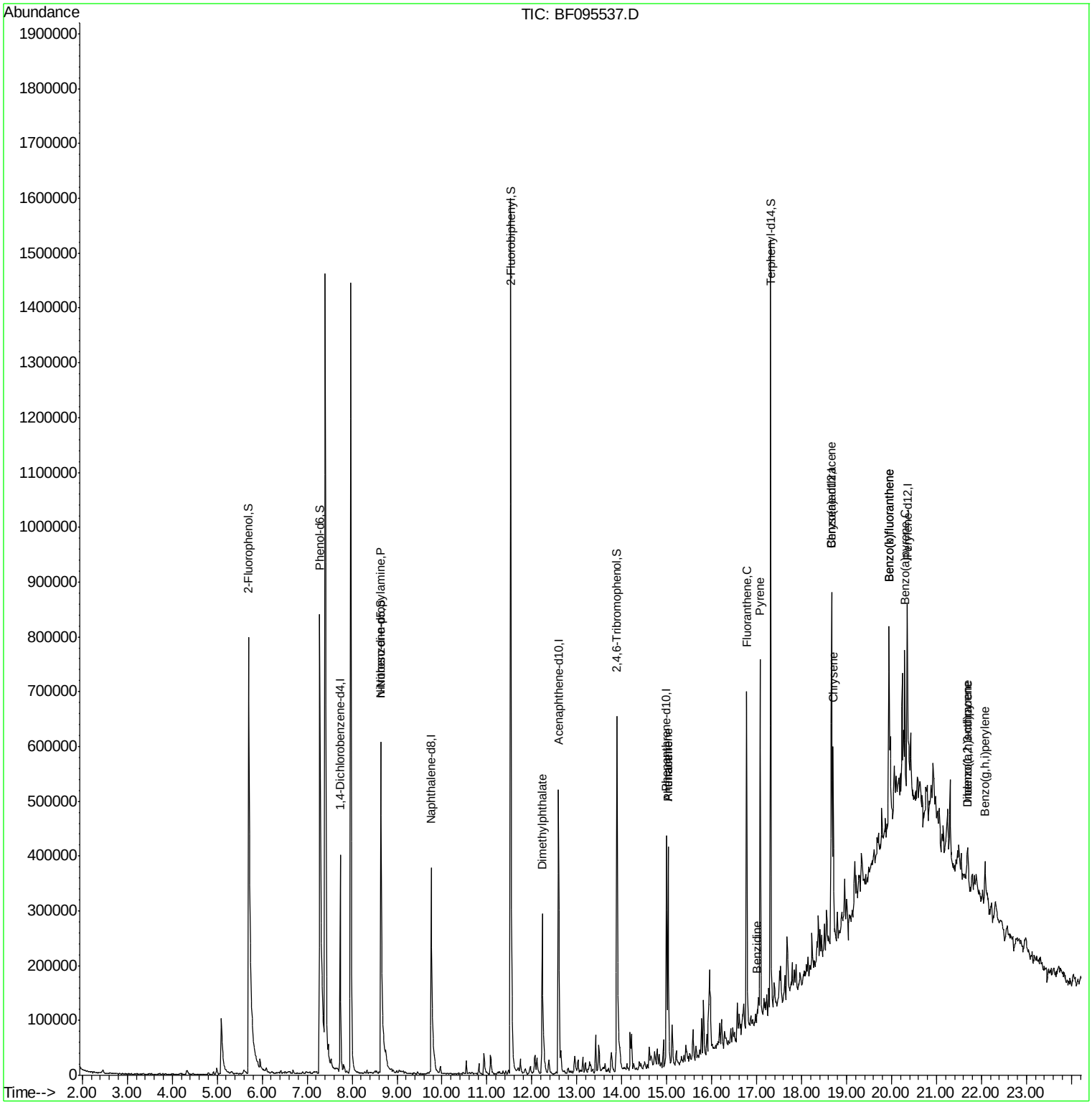
(#) = qualifier out of range (m) = manual integration (+) = signals summed

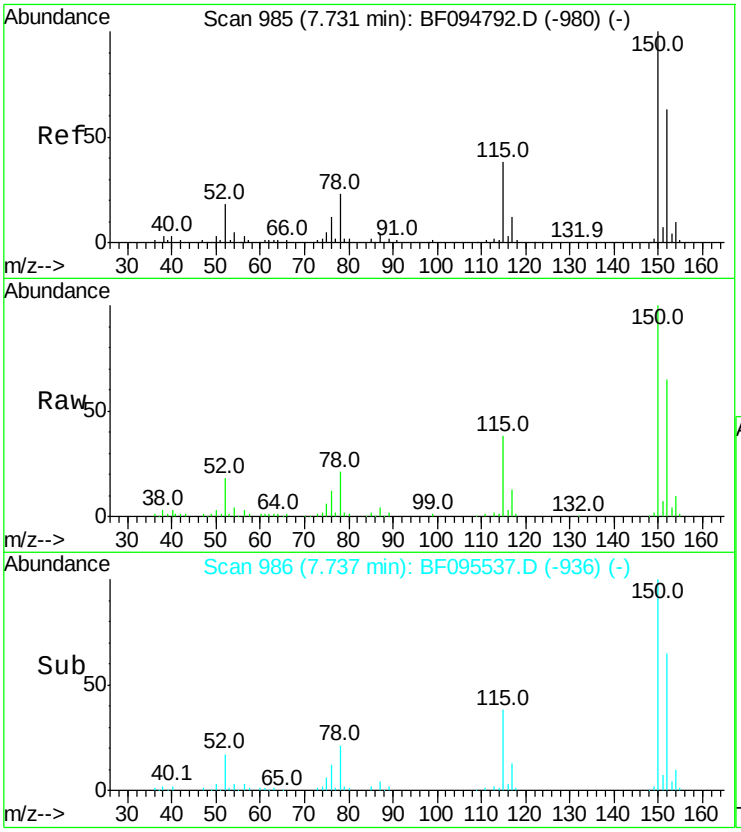
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 31 01:40:05 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



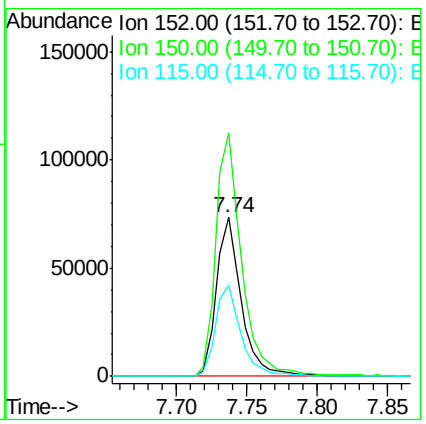


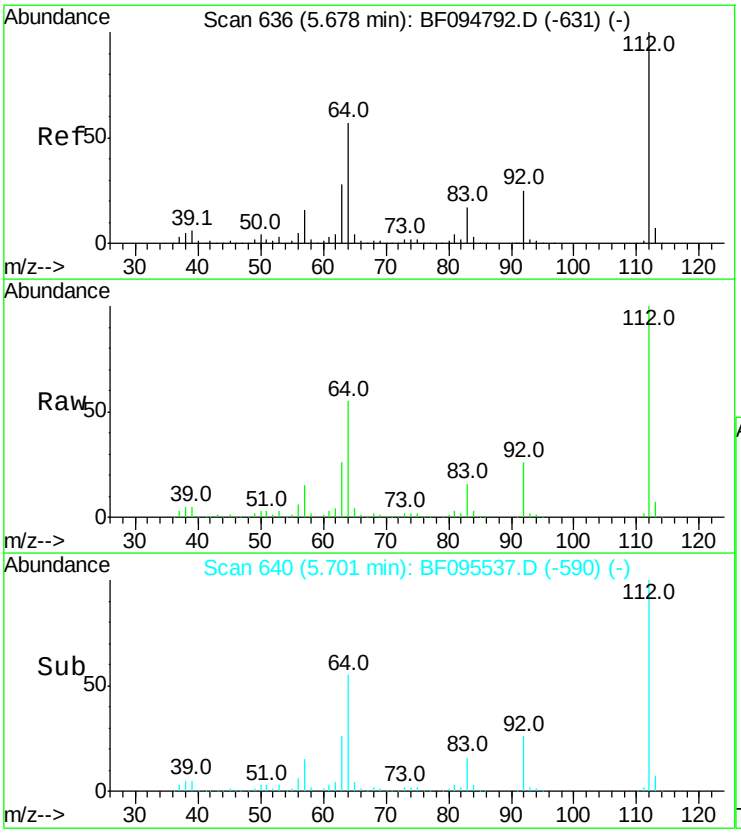
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90130

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	57.8	52.2	78.2

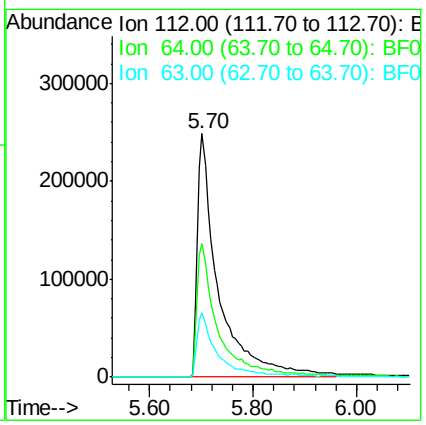


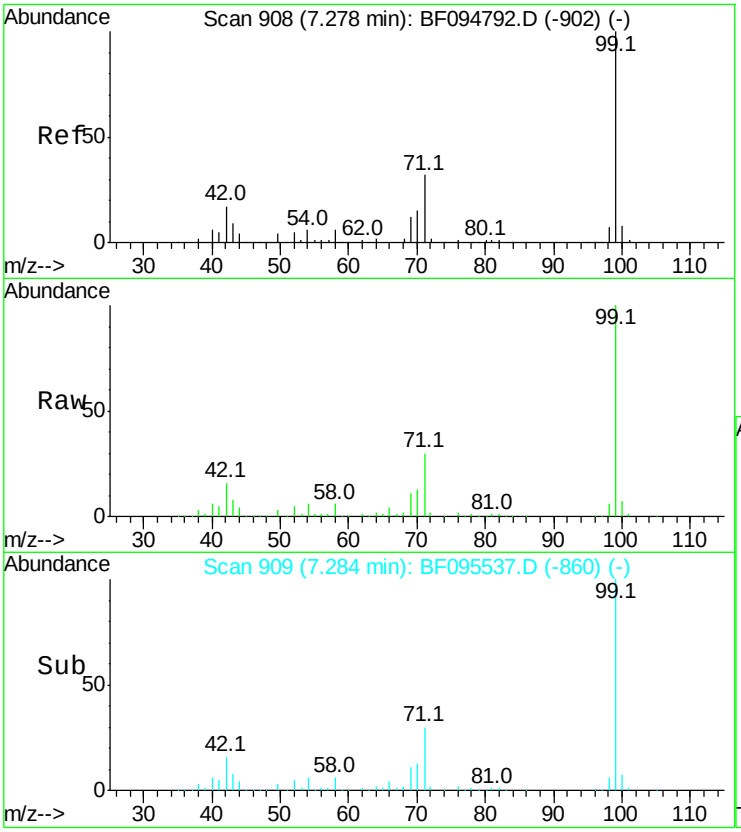


#5
2-Fluorophenol
Concen: 130.44 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:112 Resp: 705183

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.4	23.4	35.0



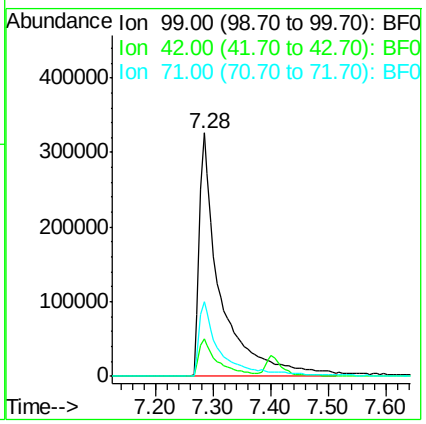


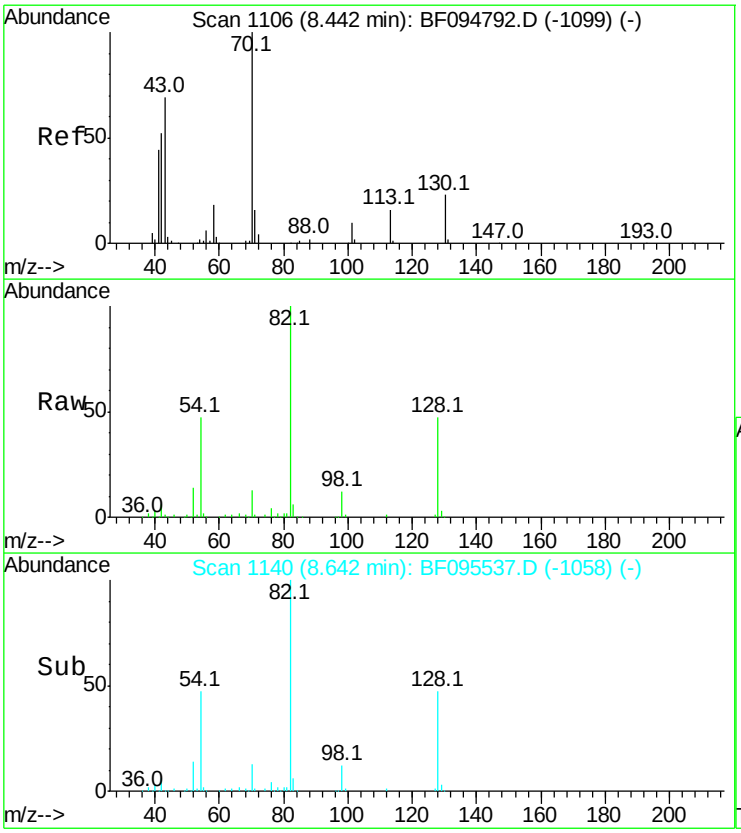
#7
Phenol-d6
Concen: 128.67 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 834598

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	30.5	24.5	36.7

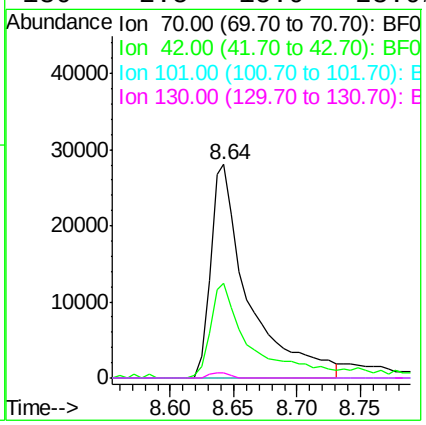


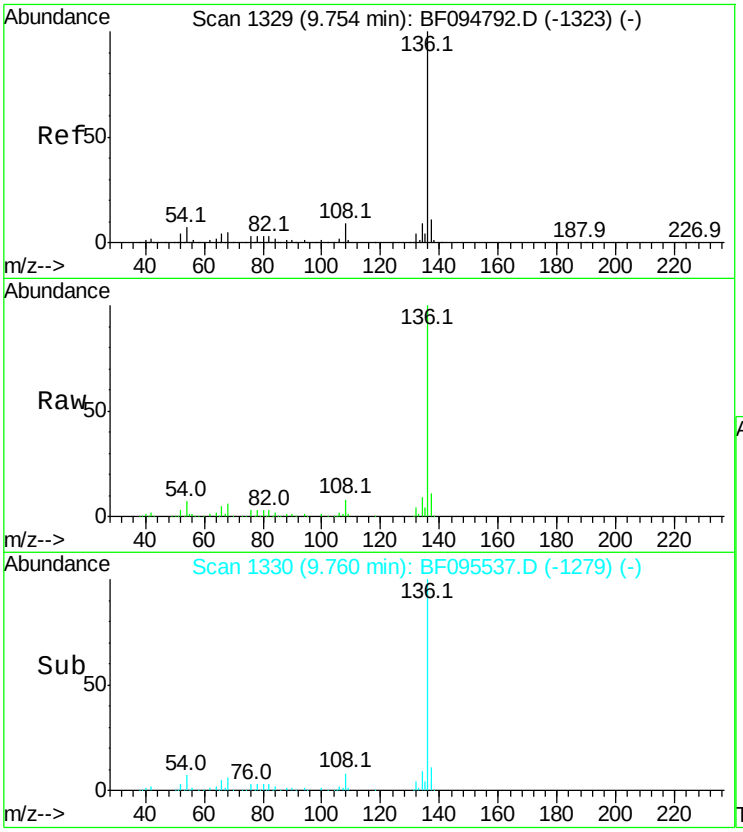


#19
n-Nitroso-di-n-propylamine
Concen: 13.32 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion: 70 Resp: 58433

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



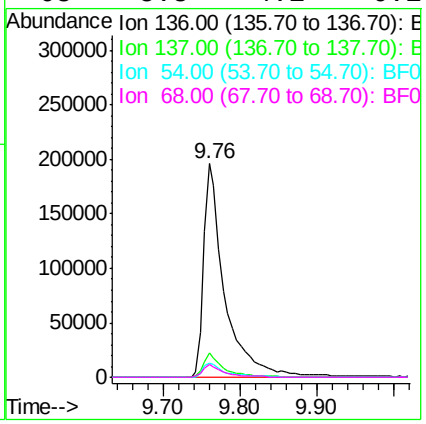


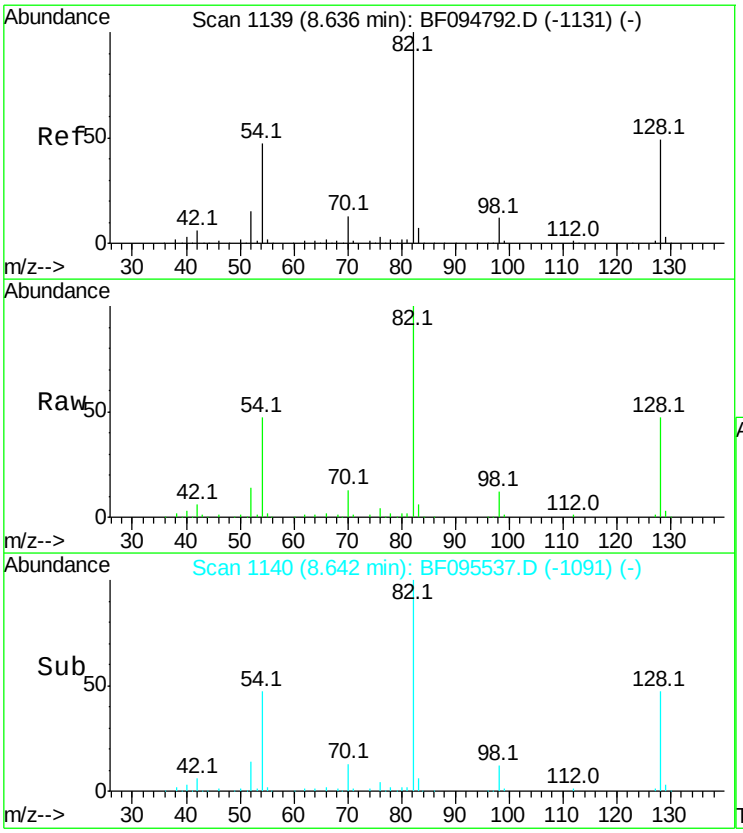
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 370916

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1

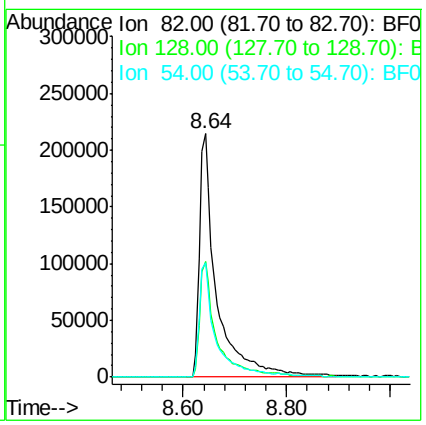


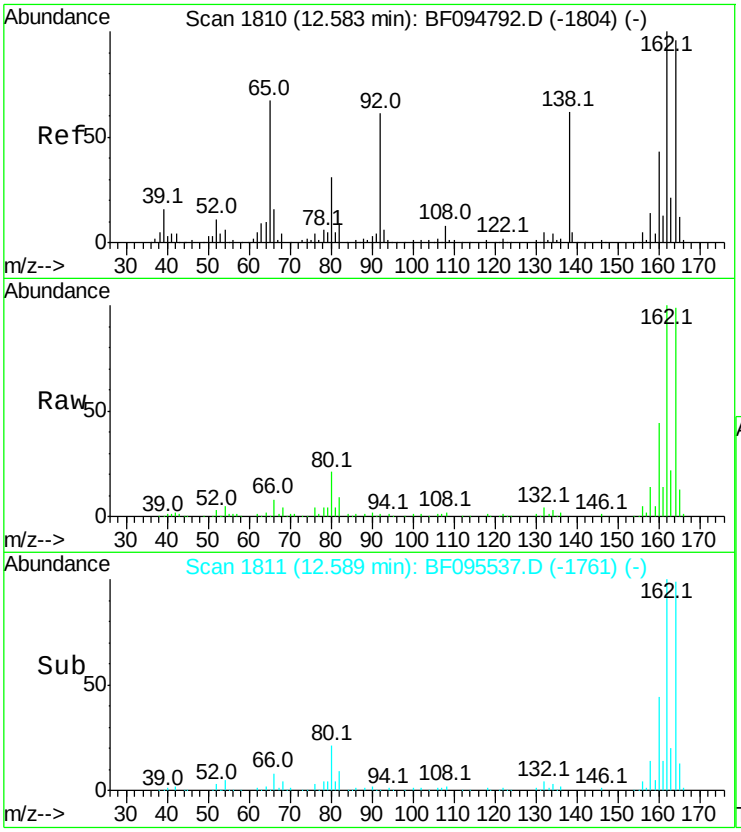


#23
Nitrobenzene-d5
Concen: 84.05 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion: 82 Resp: 494389

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	46.9	42.2	63.2



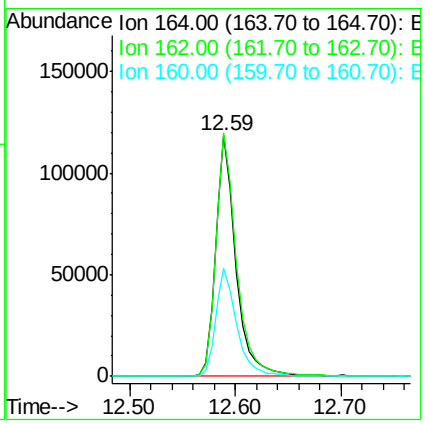


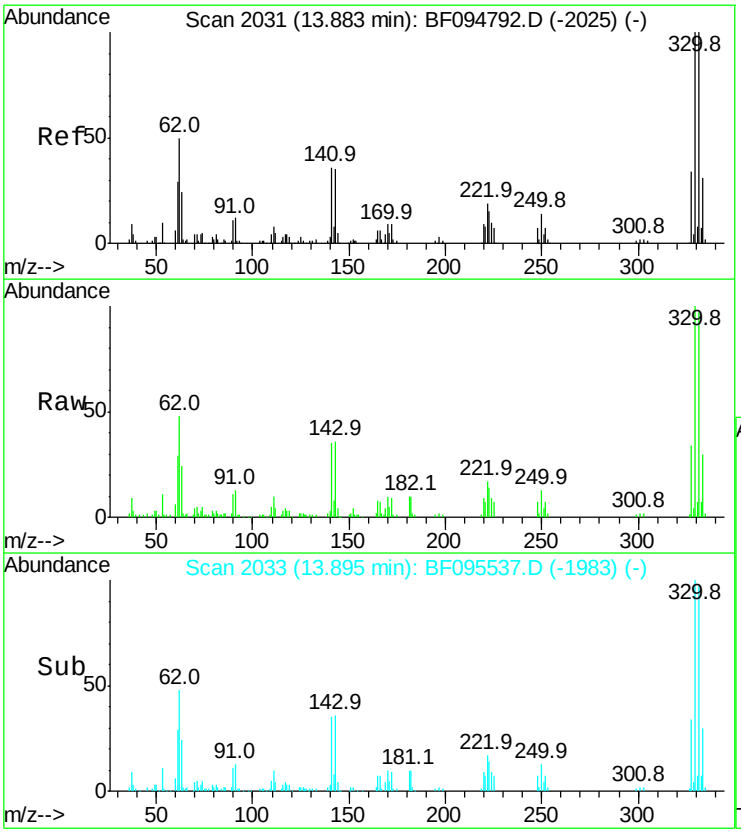
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 160534

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	44.9	36.2	54.2

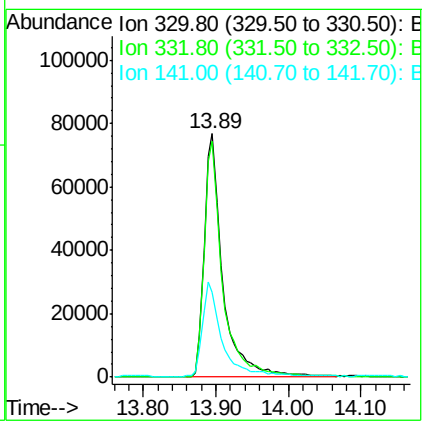


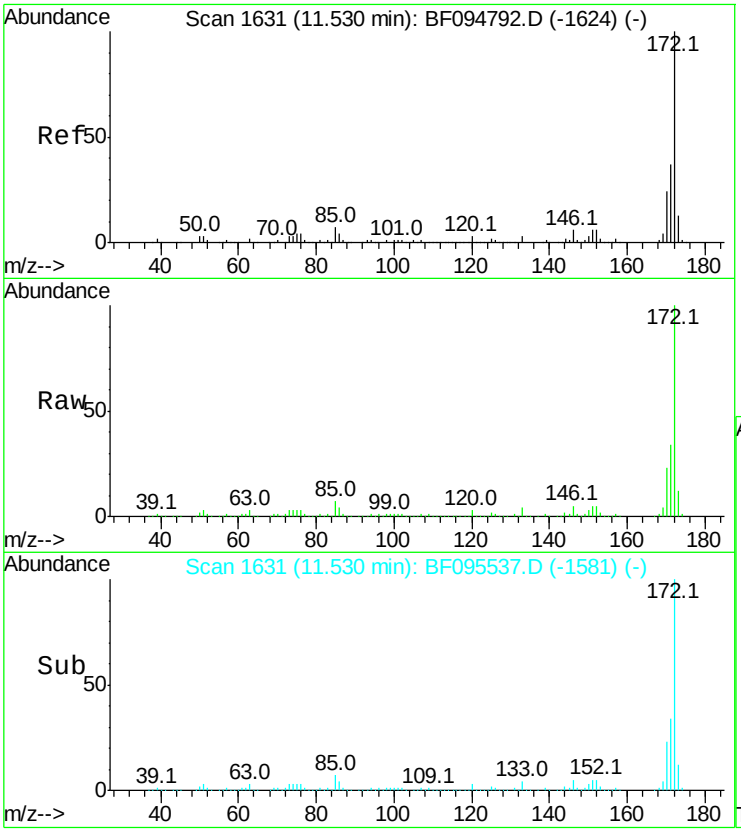


#41
2,4,6-Tribromophenol
Concen: 104.00 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:330 Resp: 136733

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	42.2	31.4	47.2



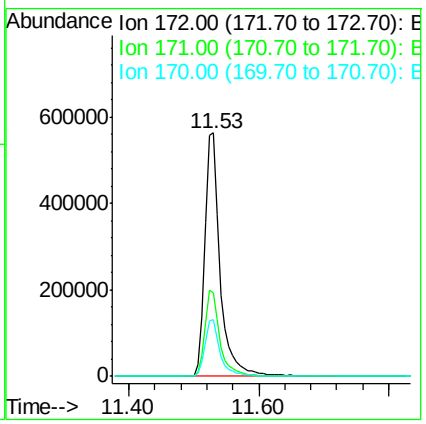


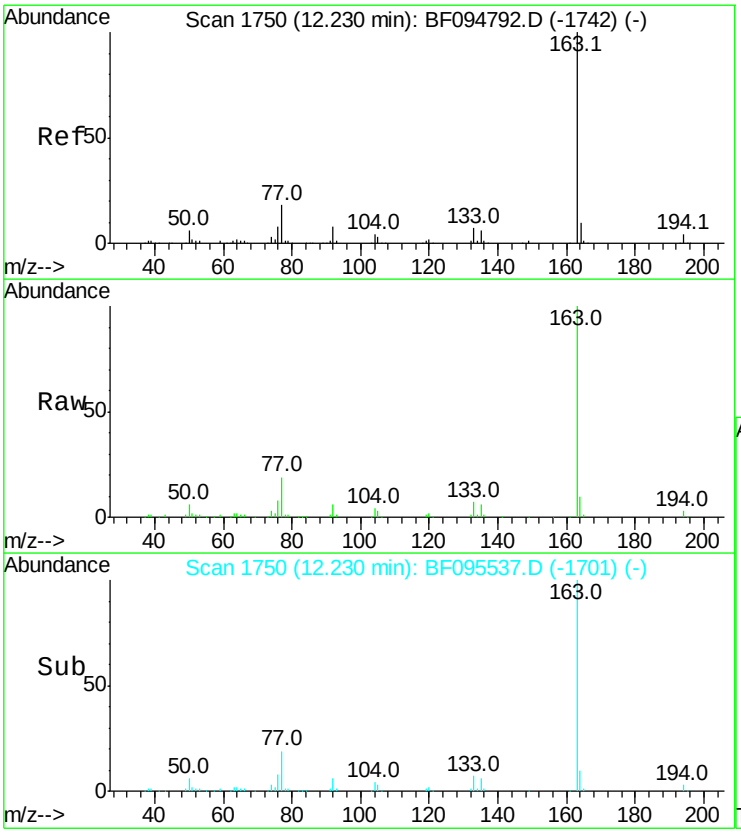
#44
2-Fluorobiphenyl
Concen: 82.36 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 918544

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	23.3	19.8	29.8

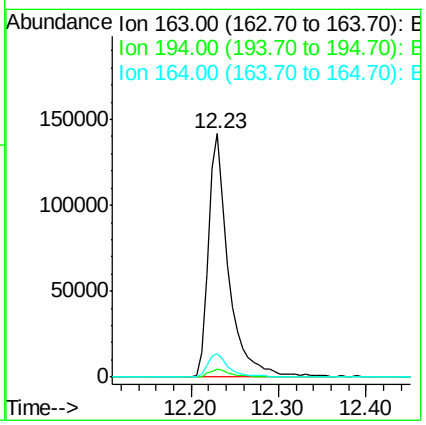


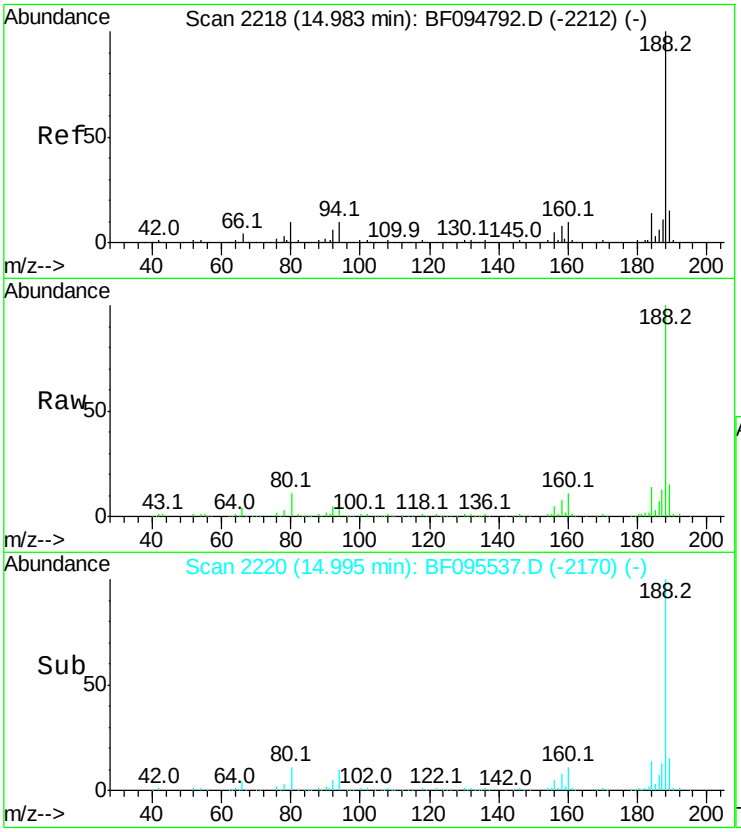


#49
Dimethylphthalate
Concen: 17.29 ng
RT: 12.23 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:163 Resp: 227926

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6



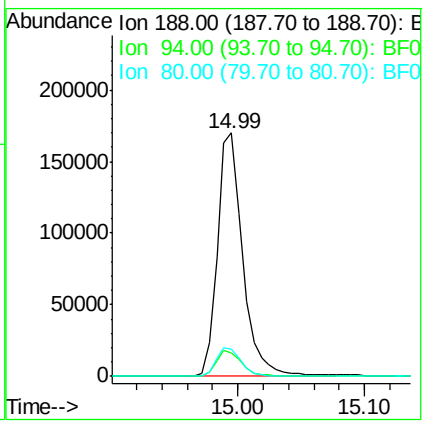


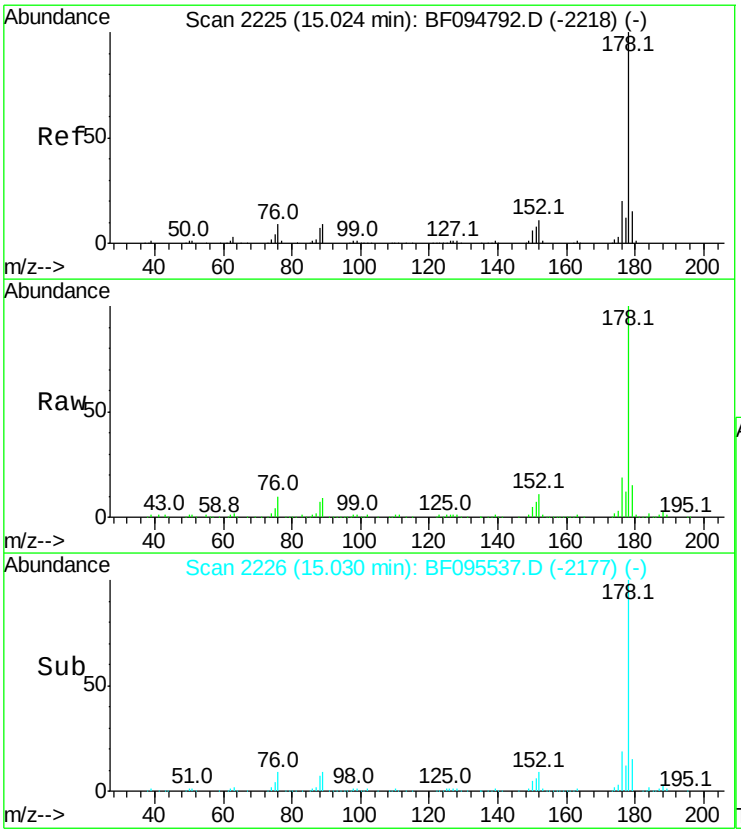
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 236710

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.2	10.2	15.2

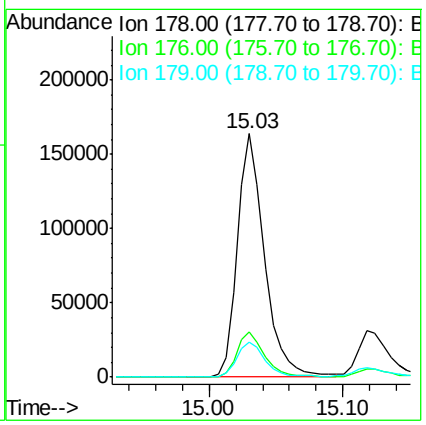


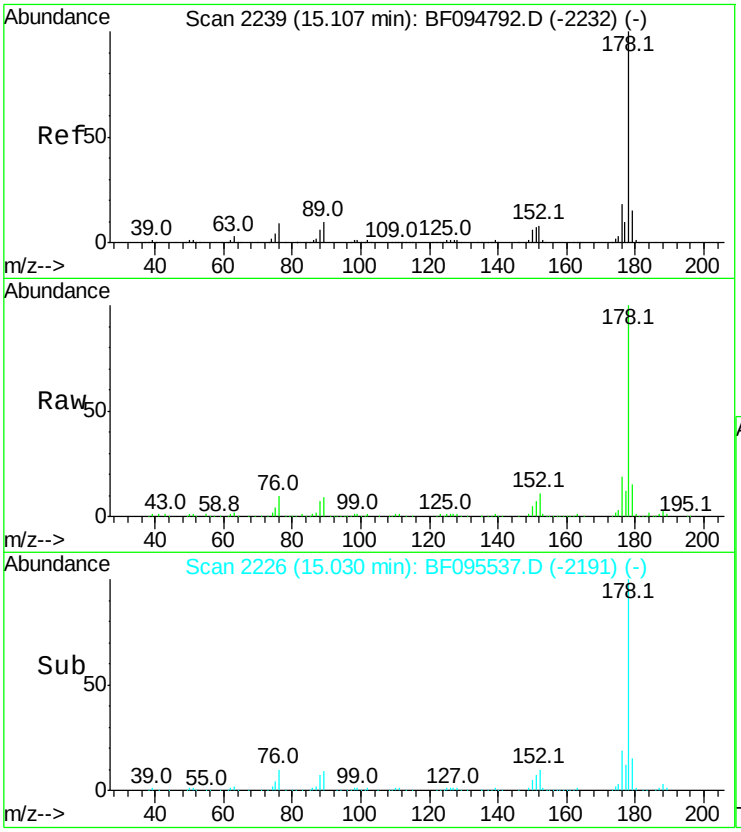


#70
Phenanthrene
Concen: 16.94 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:178 Resp: 230452

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.5	12.6	19.0



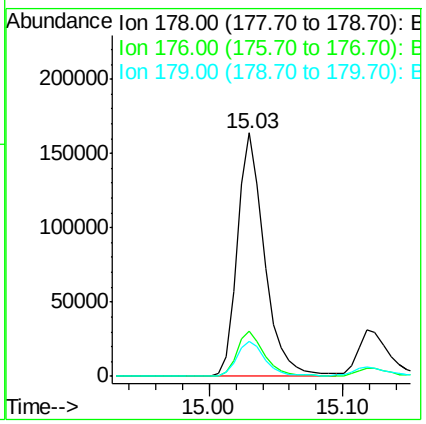


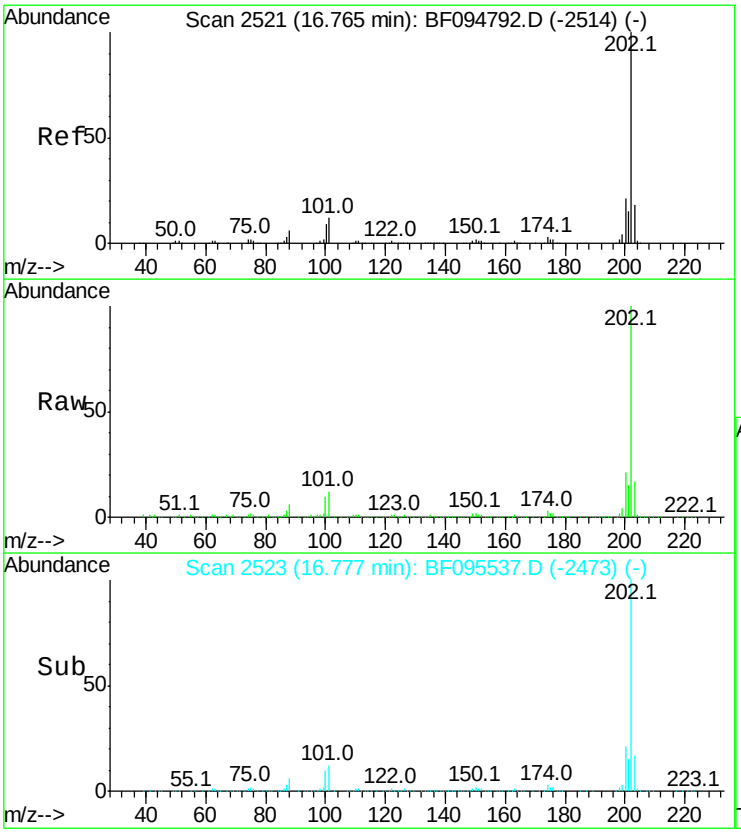
#71
Anthracene
Concen: 16.59 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.09 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 230452

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.5	12.7	19.1

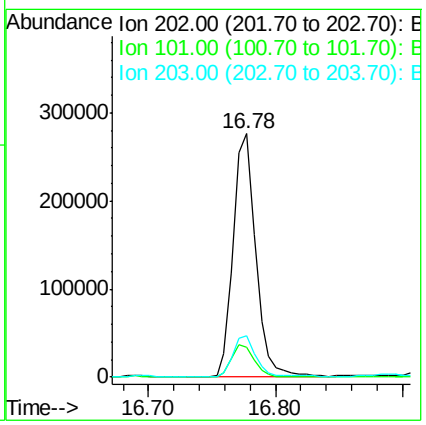


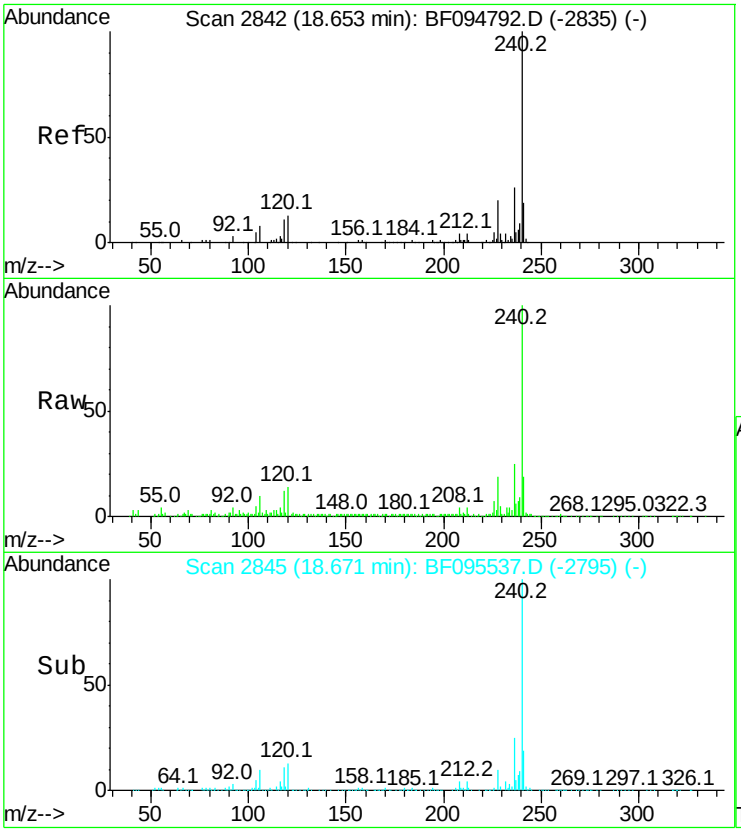


#74
Fluoranthene
Concen: 24.37 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:202 Resp: 340053

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	16.9	0.0	38.1



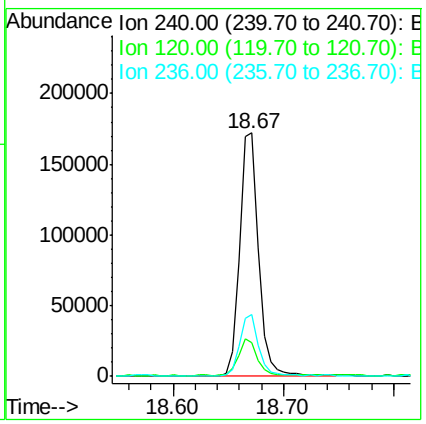


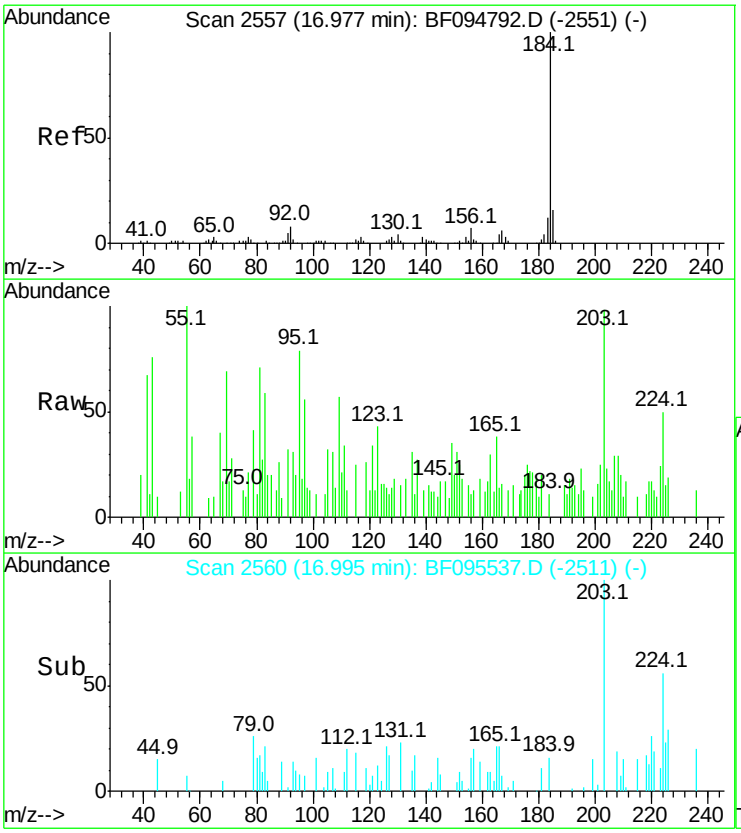
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 206069

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.4	20.5	30.7

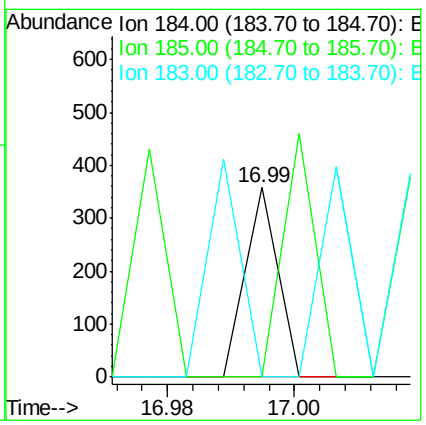


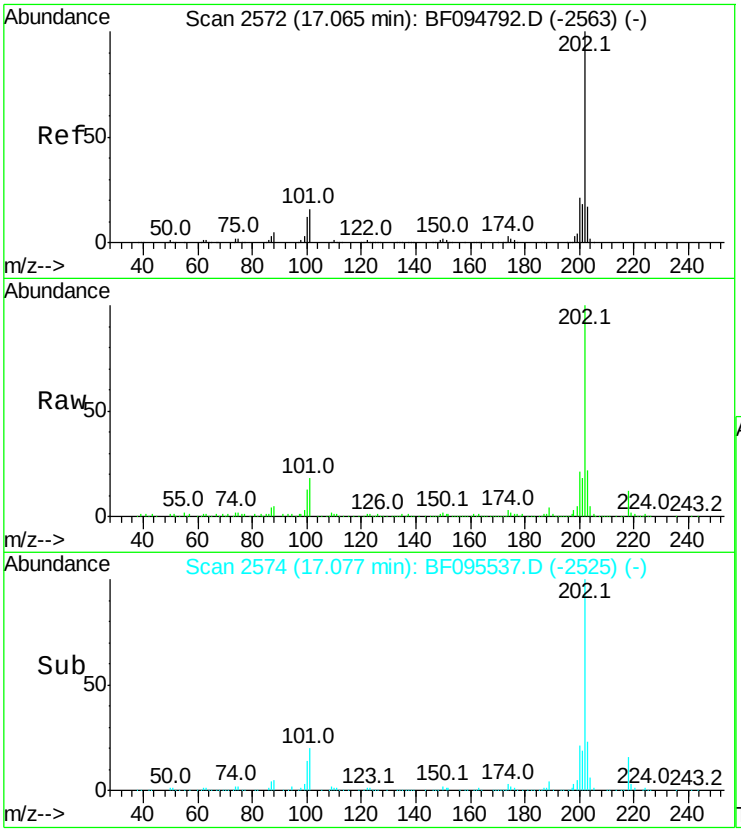


#76
Benzidine
Concen: 6.61 ng
RT: 16.99 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:184 Resp: 126

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



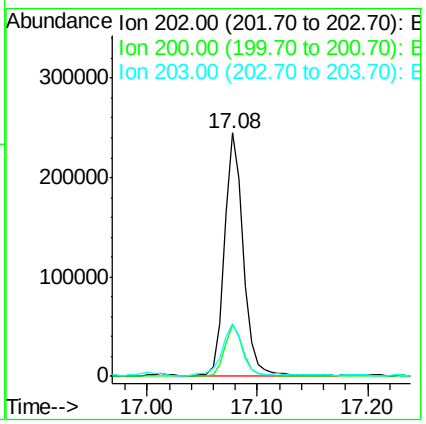


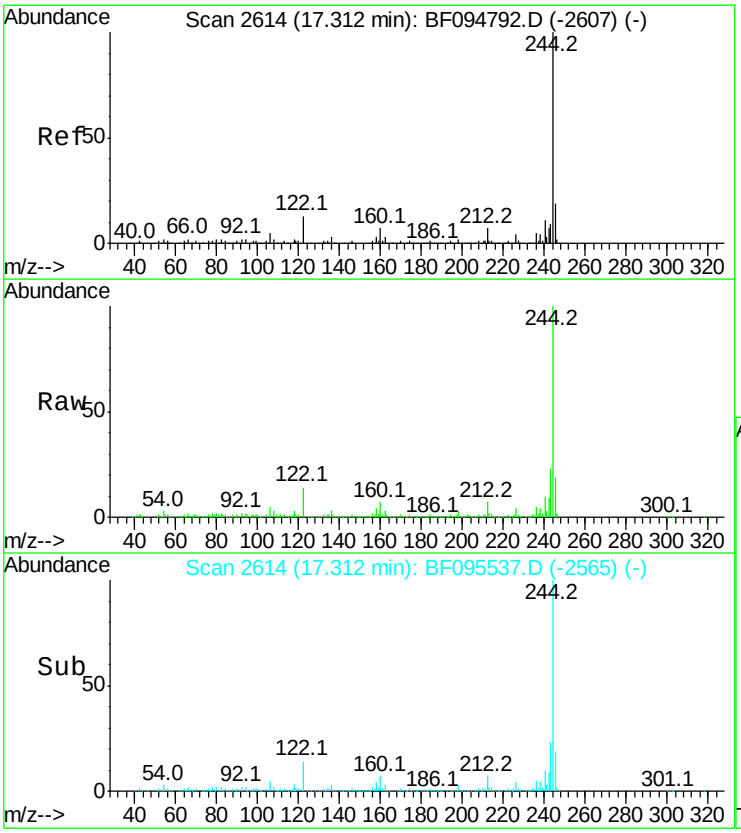
#77
Pyrene
Concen: 18.85 ng
RT: 17.08 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 290496

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

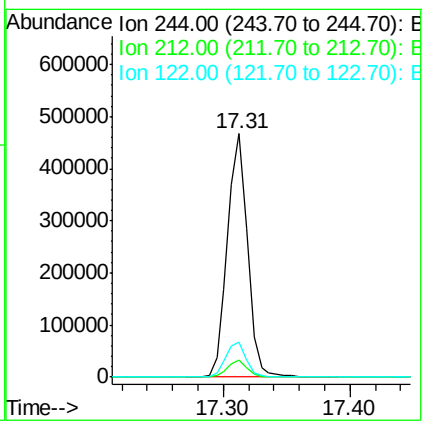


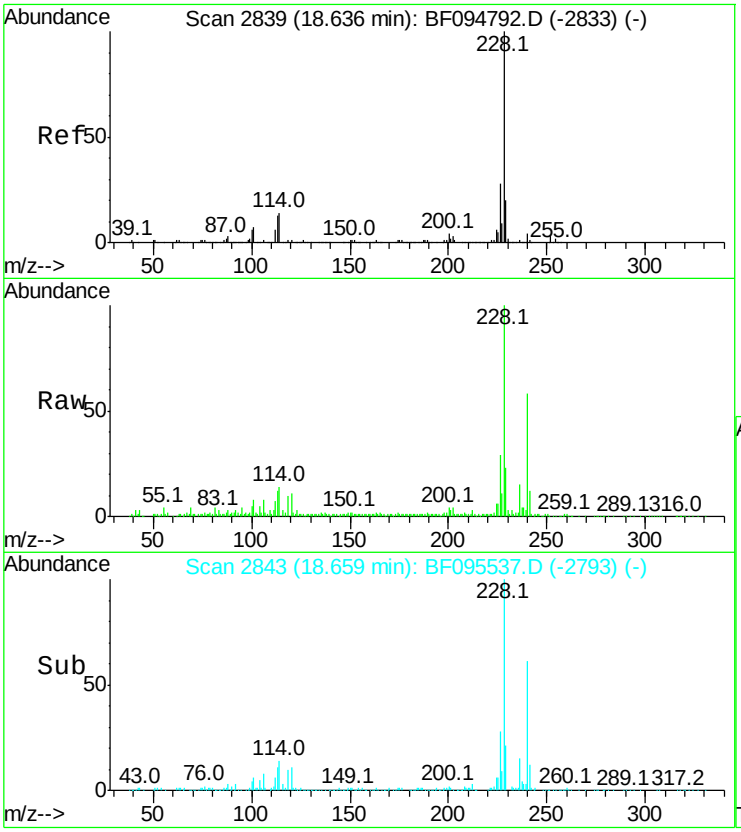


#78
Terphenyl-d14
Concen: 54.90 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:244 Resp: 513669

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.2	10.3	15.5



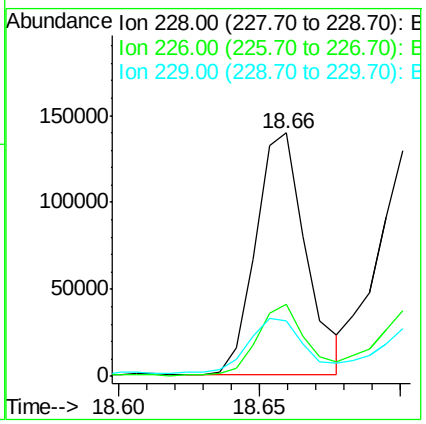


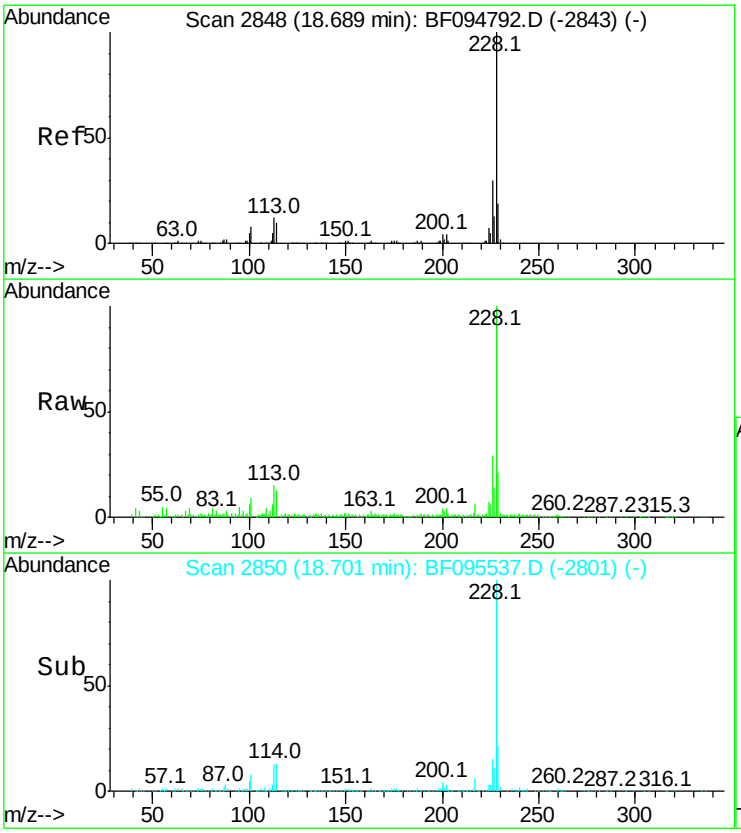
#80
Benzo(a)anthracene
Concen: 14.38 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 172438

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	22.6	16.3	24.5

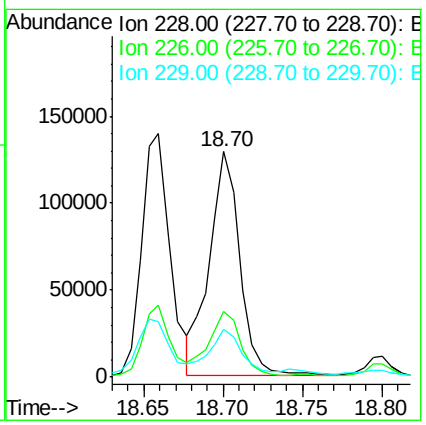


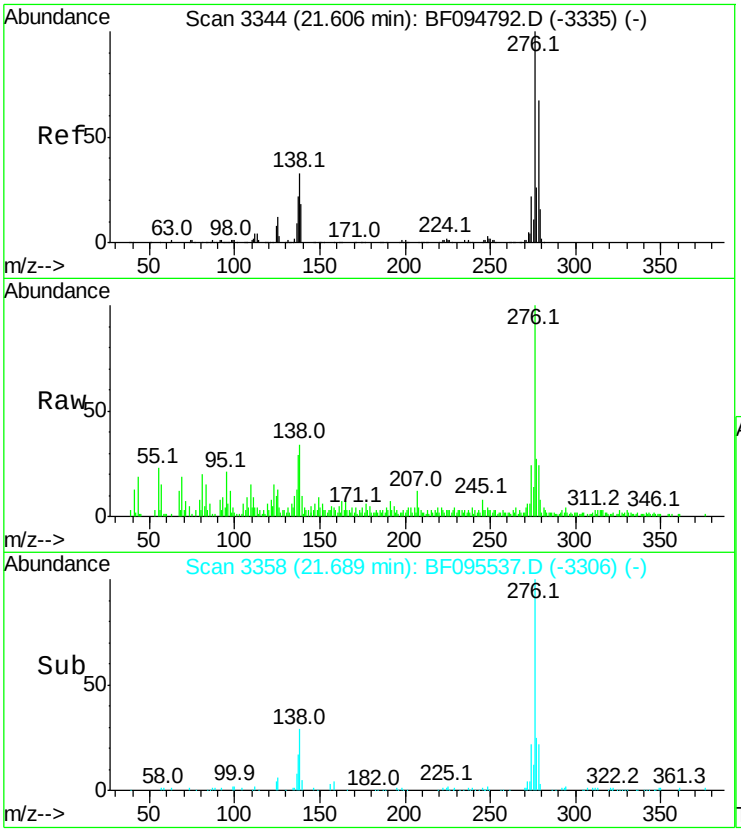


#82
Chrysene
Concen: 14.85 ng
RT: 18.70 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:228 Resp: 172193

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	21.1	15.8	23.6



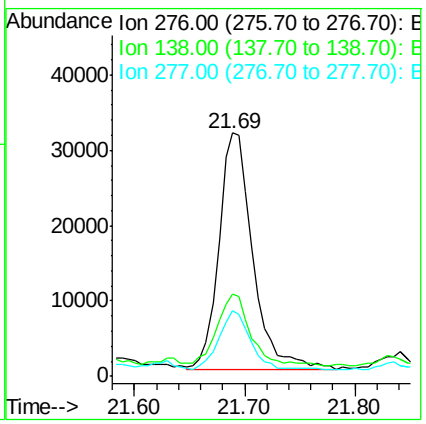


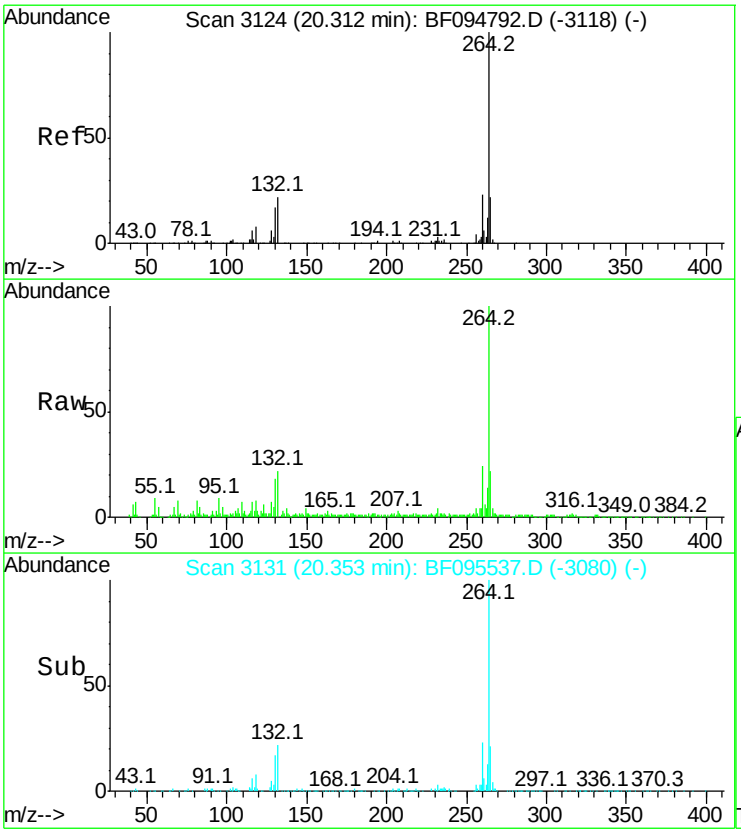
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.22 ng
RT: 21.69 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 68000

Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	22.5	20.2	30.4

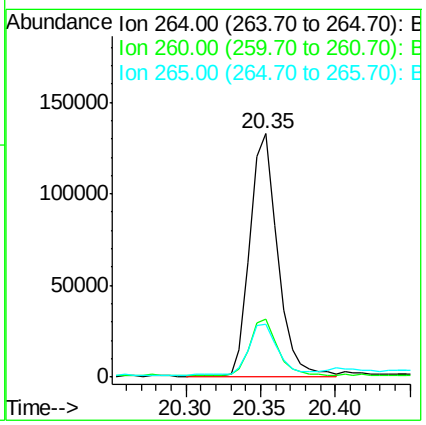


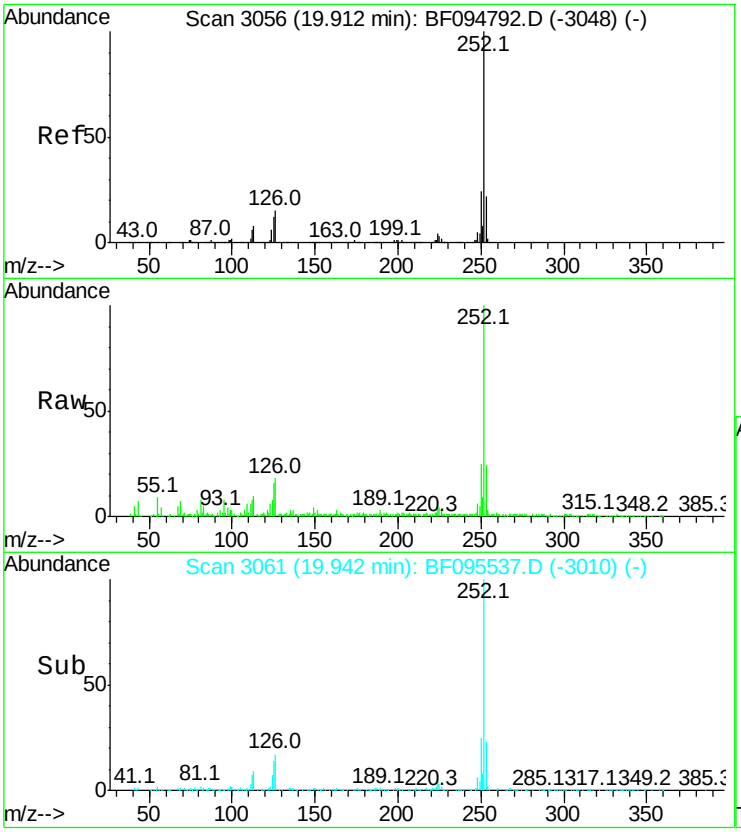


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:264 Resp: 169686

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8



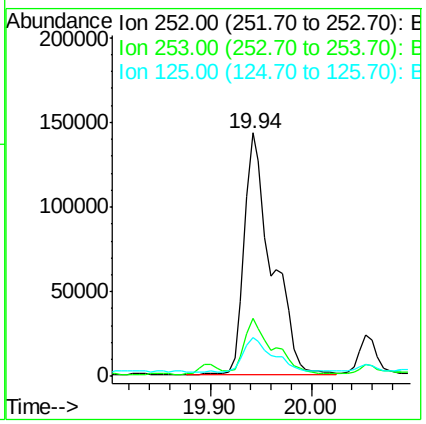


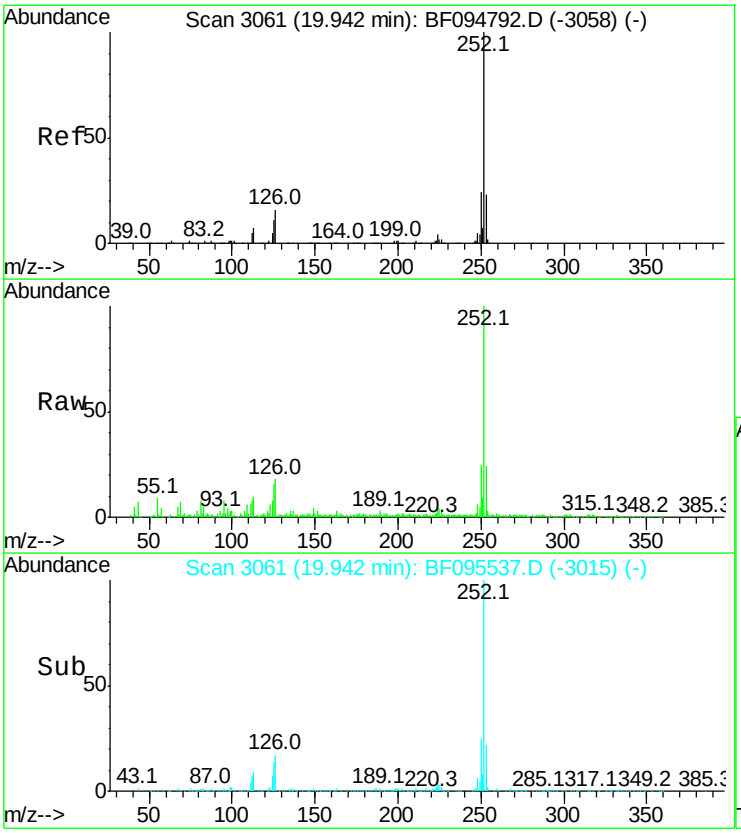
#87
Benzo(b)fluoranthene
Concen: 25.76 ng
RT: 19.94 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 270068

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.9	9.8	14.8#

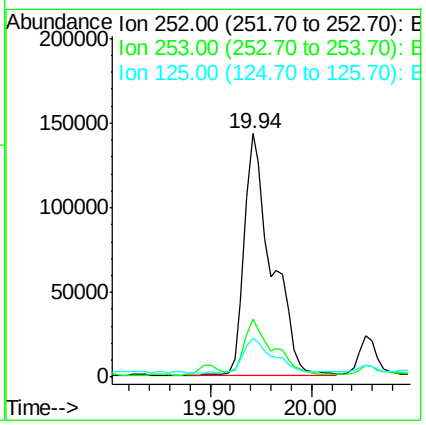


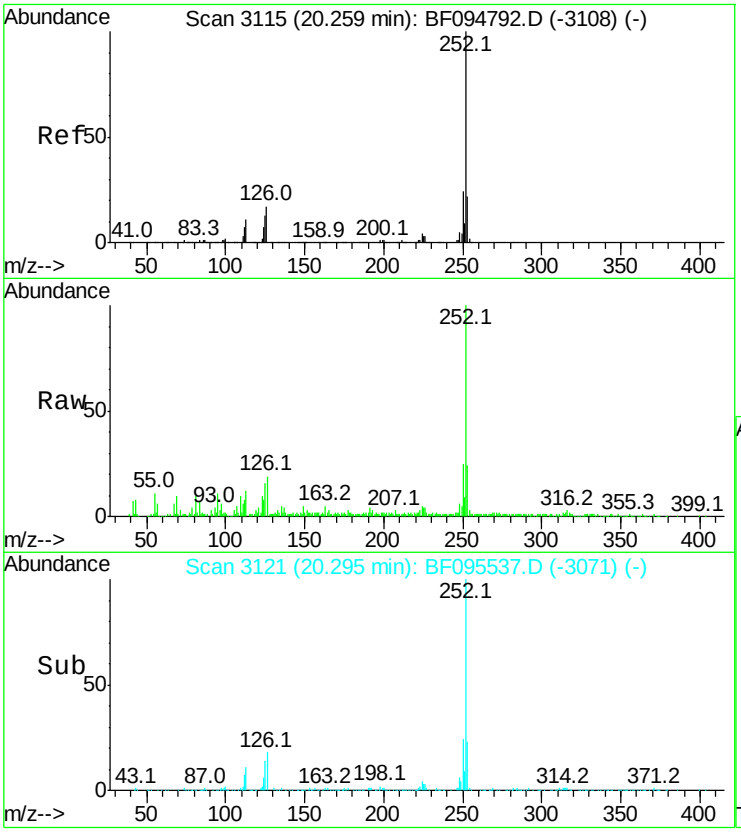


#88
Benzo(k)fluoranthene
Concen: 26.70 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.03 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:252 Resp: 270068

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	15.9	13.1	19.7



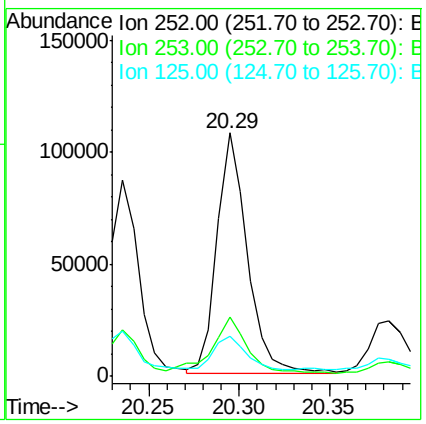


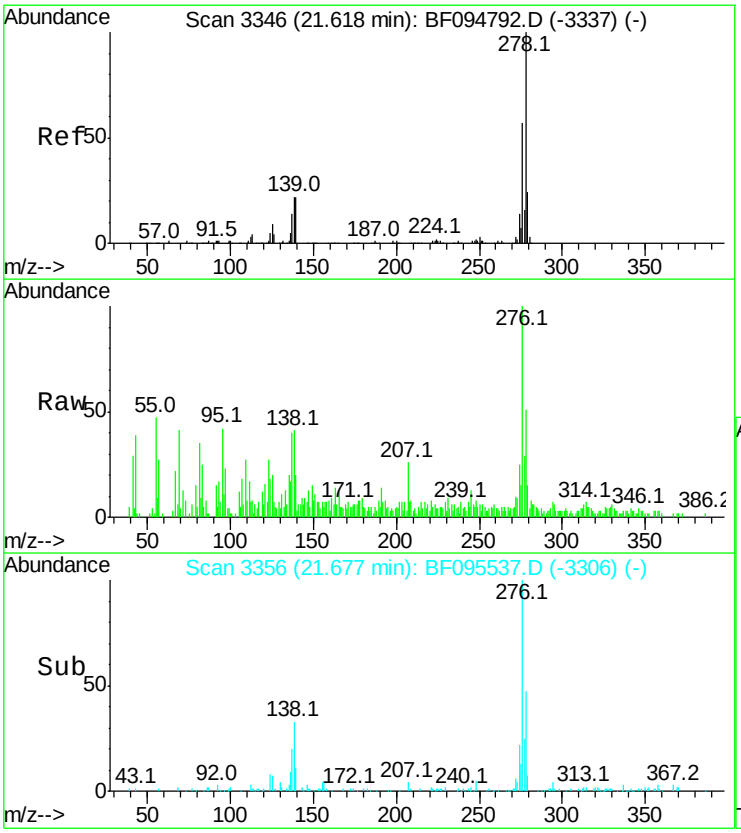
#89
Benzo(a)pyrene
Concen: 12.91 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 124886

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.2	11.0	16.4

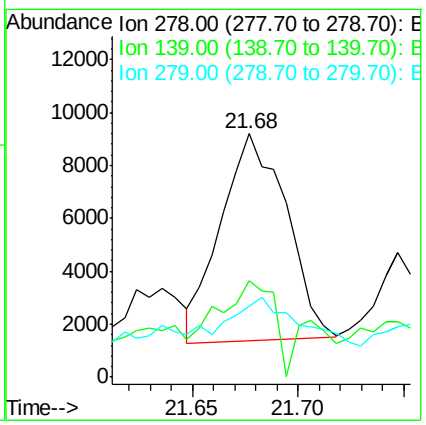


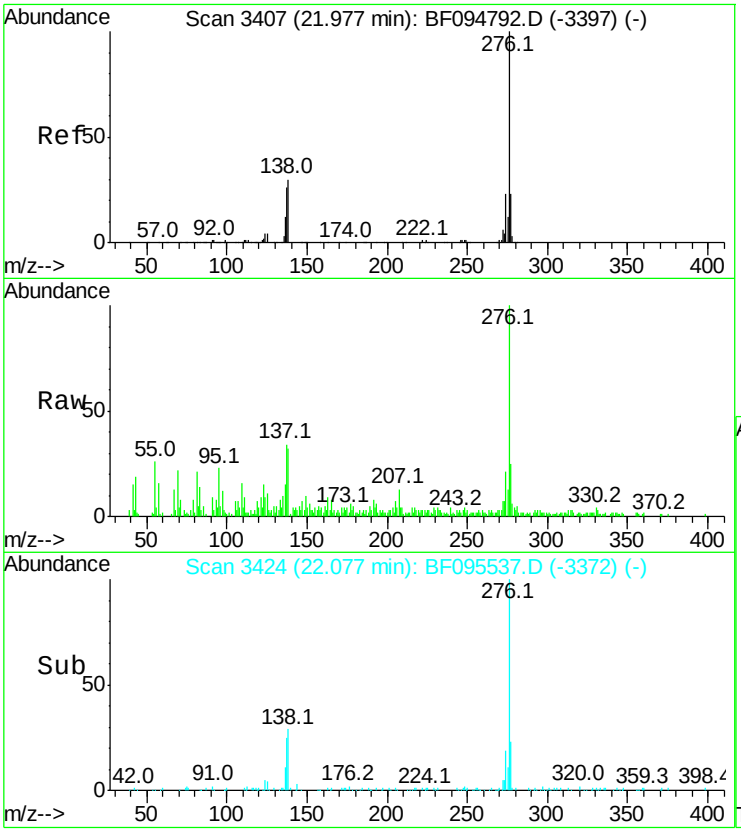


#90
Dibenzo(a,h)anthracene
Concen: 2.10 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Tgt Ion:278 Resp: 16808

Ion	Ratio	Lower	Upper
278	100		
139	39.4	16.6	24.8#
279	28.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.63 ng
RT: 22.08 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BF095537.D
Acq: 30 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 67632

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	32.5	25.4	38.0