Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095513.D
Acq On : 27 May 2017 23:57
Operator : SJ/MA
Sample : I3244-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 29 01:17:54 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	100132	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	394981	20.00	ng		0.00
38) Acenaphthene-d10	12.60	164	174264	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	263226	20.00	ng		0.00
75) Chrysene-d12	18.67	240	209538	20.00	ng		0.00
86) Perylene-d12	20.35	264	193570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	659727	109.85	ng		0.00
7) Phenol-d6	7.28	99	783036	108.66	ng		-0.01
23) Nitrobenzene-d5	8.64	82	452528	72.25	ng		-0.01
41) 2,4,6-Tribromophenol	13.89	330	136093	95.36	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	856465	70.74	ng		0.00
78) Terphenyl-d14	17.31	244	519039	54.56	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	49565	10.17	ng	#	73
49) Dimethylphthalate	12.24	163	112011	7.83	ng		99
50) 2,6-Dinitrotoluene	12.60	165	18982	6.50	ng	#	31
70) Phenanthrene	15.04	178	153151	10.13	ng		96
71) Anthracene	15.14	178	42598	2.76	ng		96
74) Fluoranthene	16.78	202	254191	16.38	ng		99
77) Pyrene	17.08	202	252800	16.13	ng	#	94
80) Benzo(a)anthracene	18.66	228	122288	10.03	ng		98
82) Chrysene	18.71	228	126020	10.69	ng		97
85) Indeno(1,2,3-cd)pyrene	21.71	276	57158	5.97	ng		94
87) Benzo(b)fluoranthene	19.95	252	208293	17.41	ng	#	97
88) Benzo(k)fluoranthene	19.95	252	208293	18.05	ng		99
89) Benzo(a)pyrene	20.29	252	104705	9.49	ng		94
91) Benzo(g,h,i)perylene	22.09	276	53583	5.99	ng	#	95

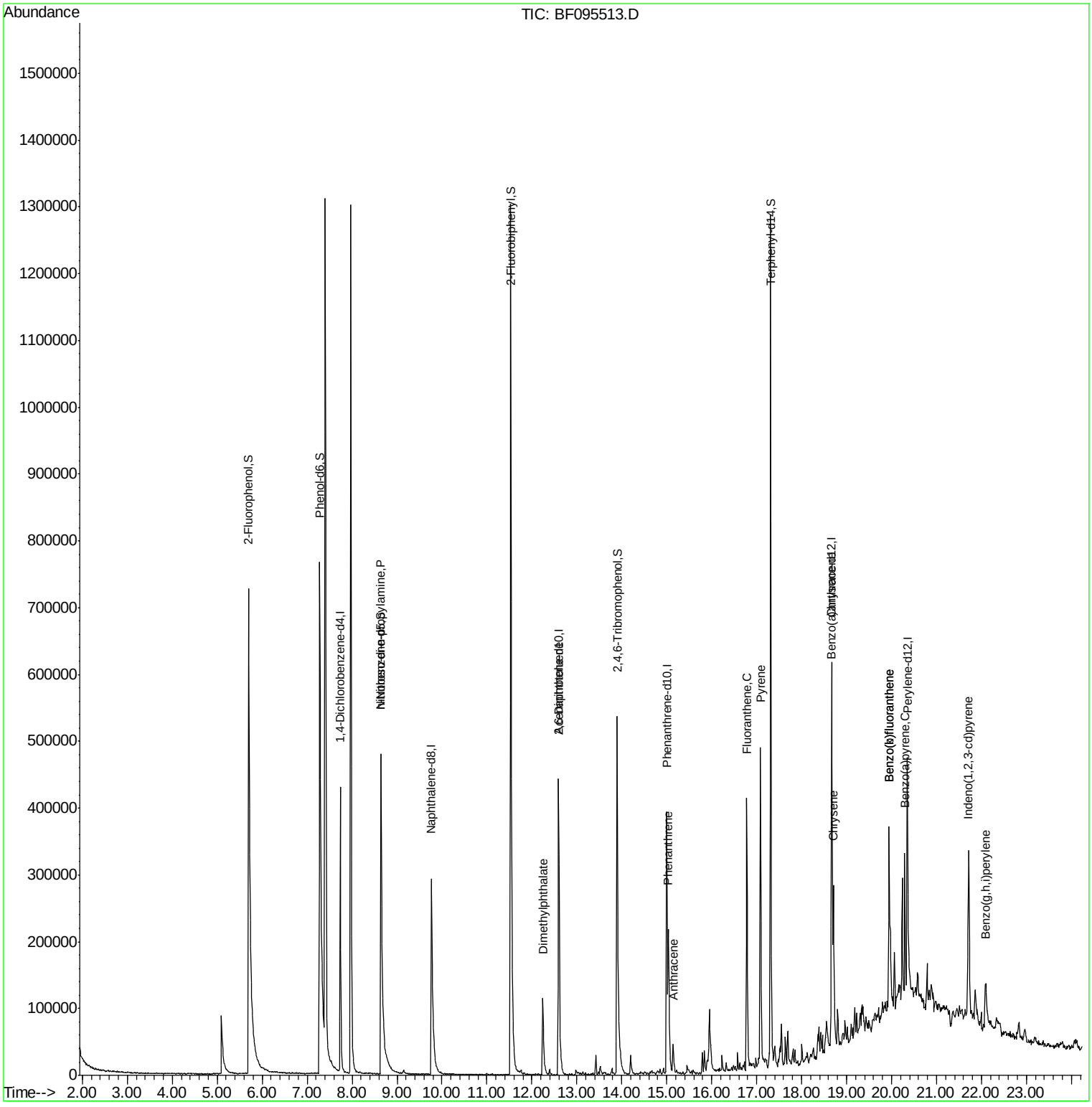
(#) = qualifier out of range (m) = manual integration (+) = signals summed

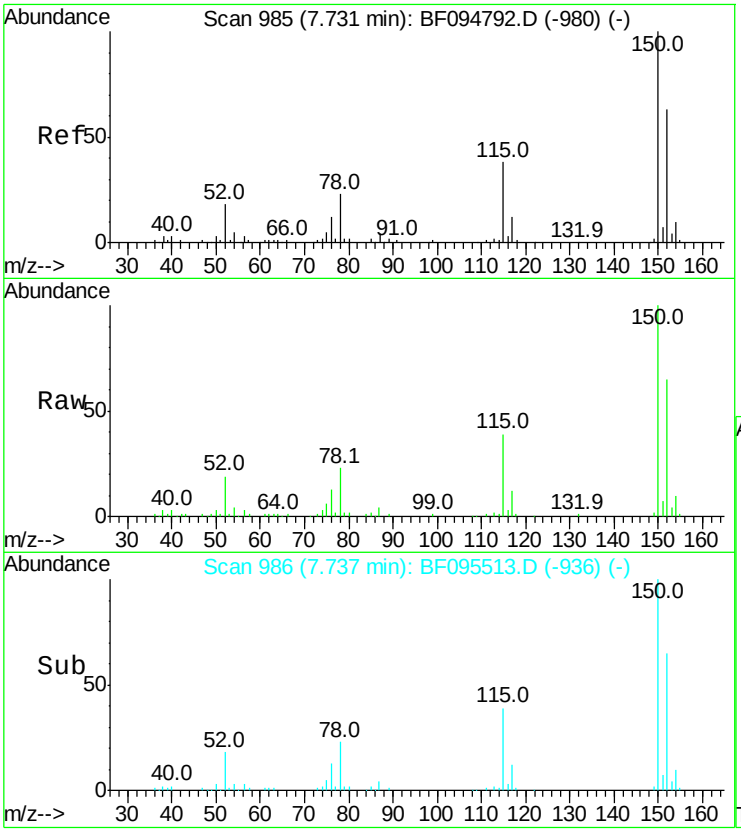
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095513.D
Acq On : 27 May 2017 23:57
Operator : SJ/MA
Sample : I3244-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 29 01:17:54 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



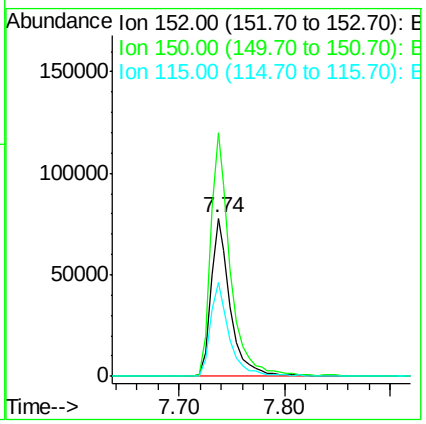


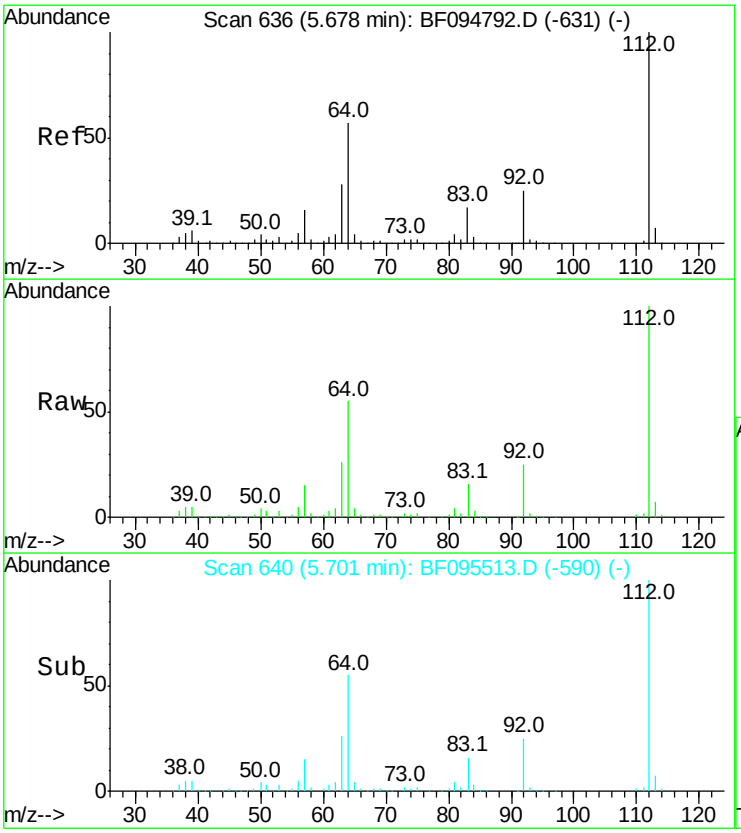
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100132

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	59.5	52.2	78.2

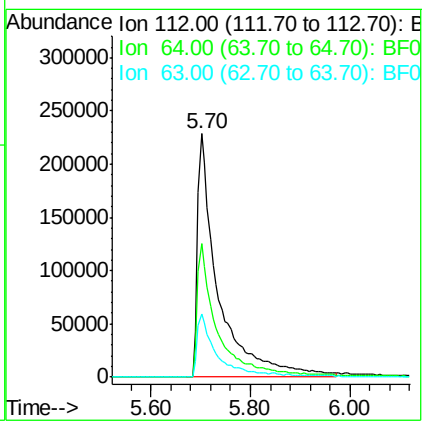


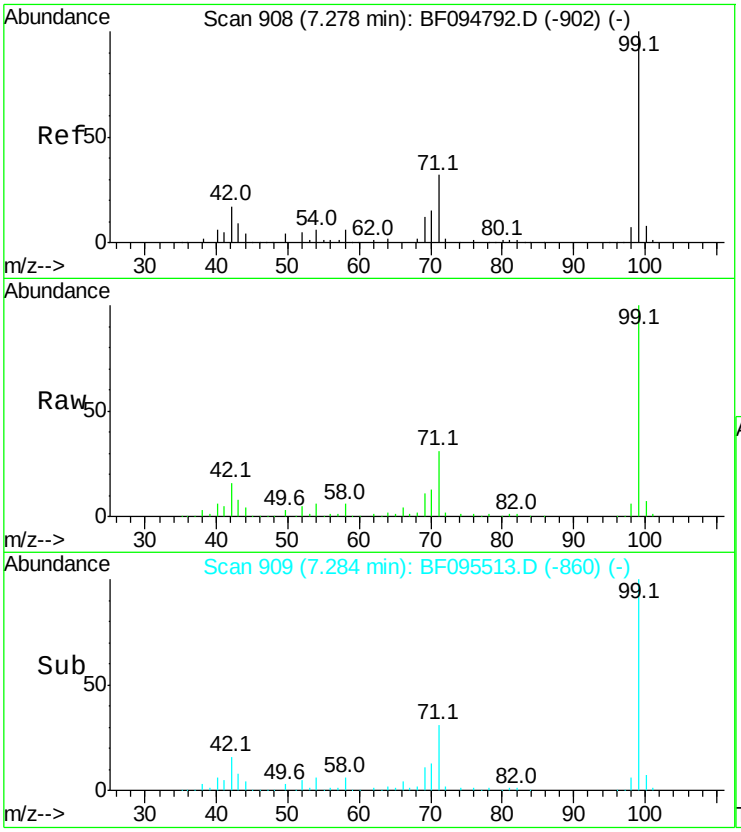


#5
2-Fluorophenol
Concen: 109.85 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:112 Resp: 659727

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	25.9	23.4	35.0



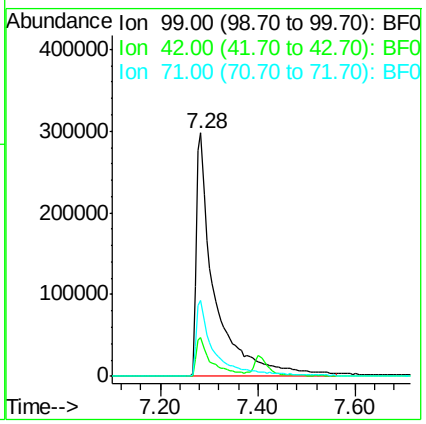


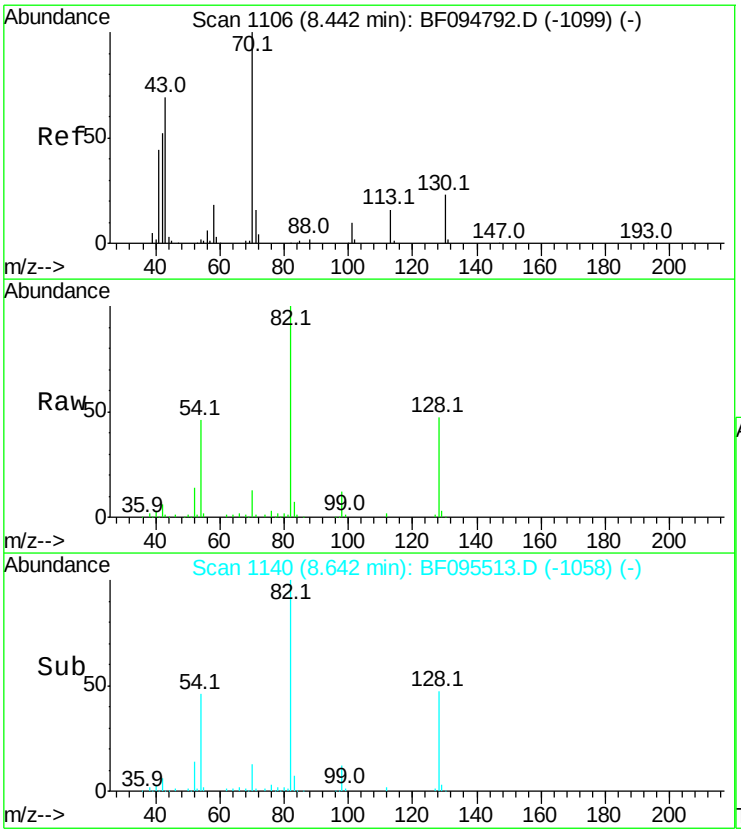
#7
Phenol-d6
Concen: 108.66 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 783036

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.0	24.5	36.7

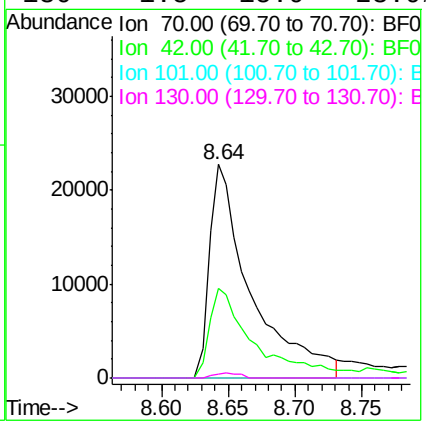


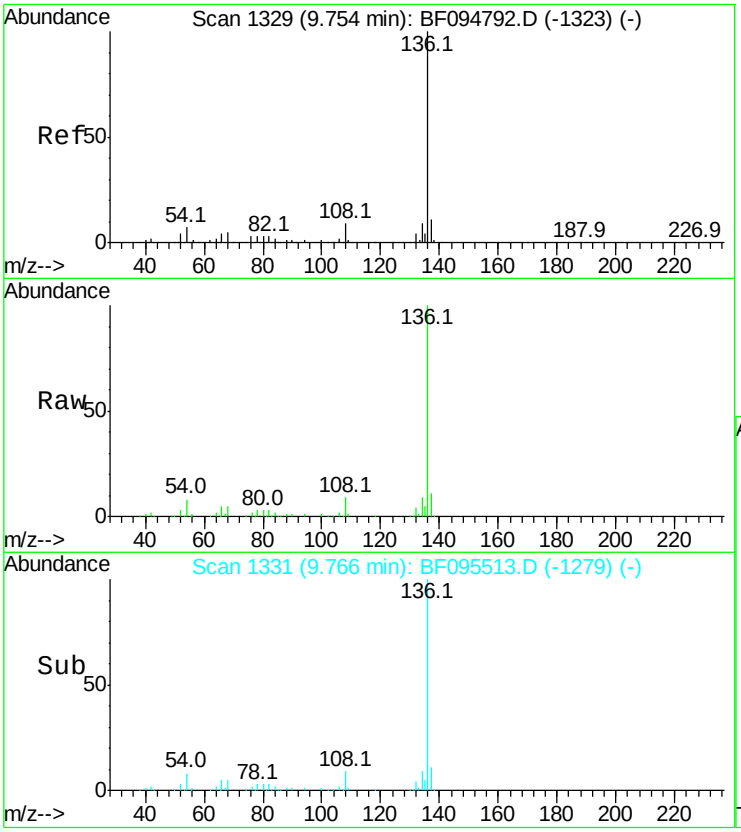


#19
n-Nitroso-di-n-propylamine
Concen: 10.17 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion: 70 Resp: 49565

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#



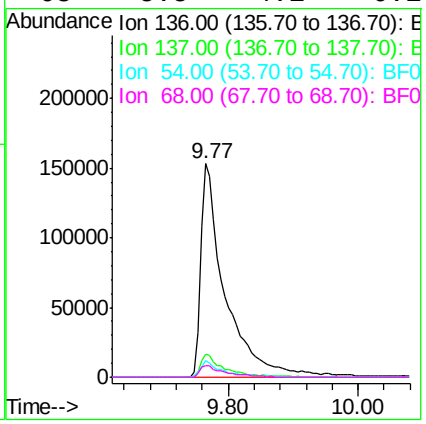


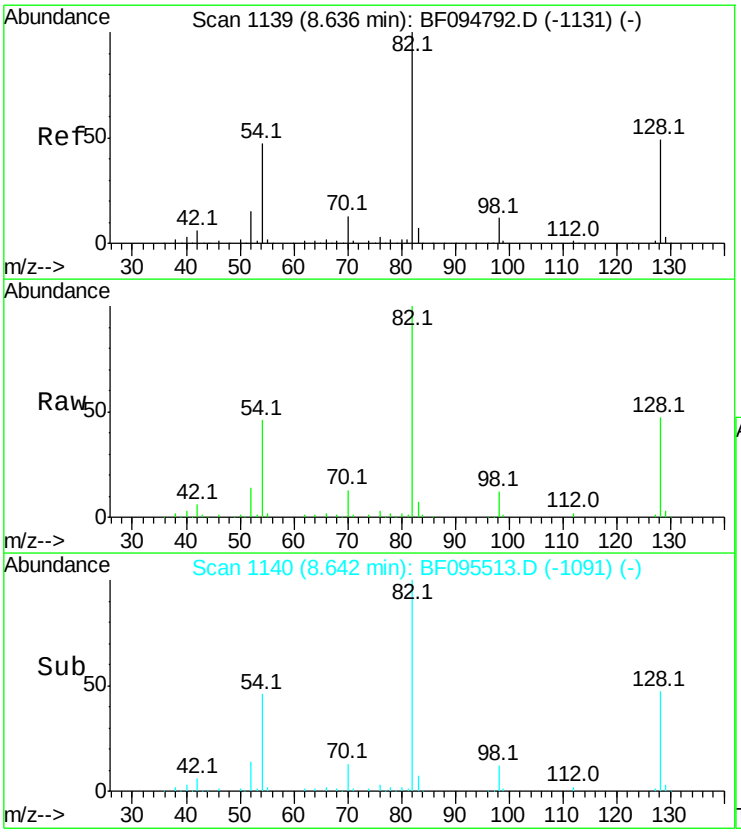
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 394981

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.9	4.9	7.3#
68	5.5	4.1	6.1

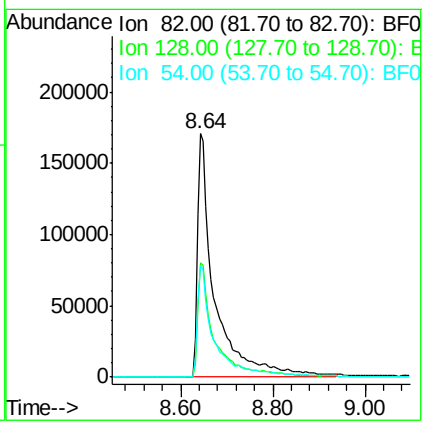


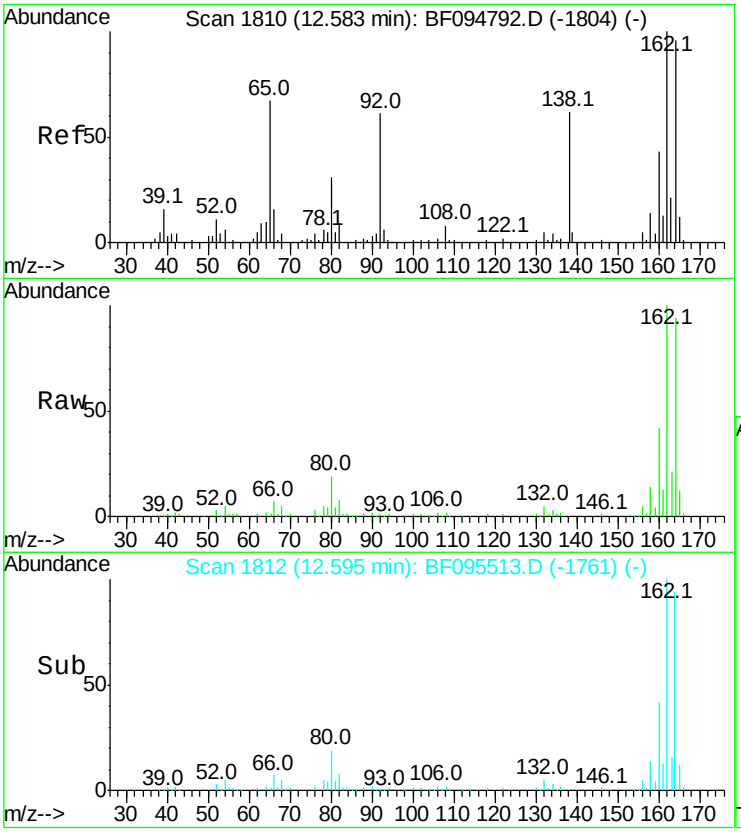


#23
Nitrobenzene-d5
Concen: 72.25 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion: 82 Resp: 452528

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.0	42.2	63.2



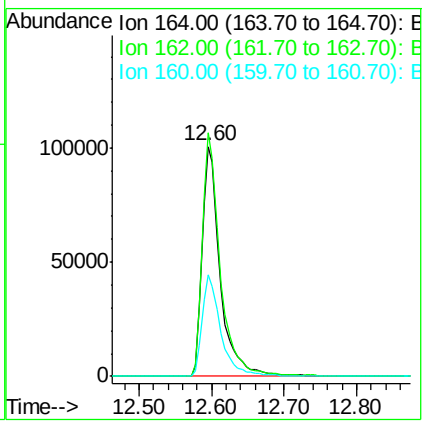


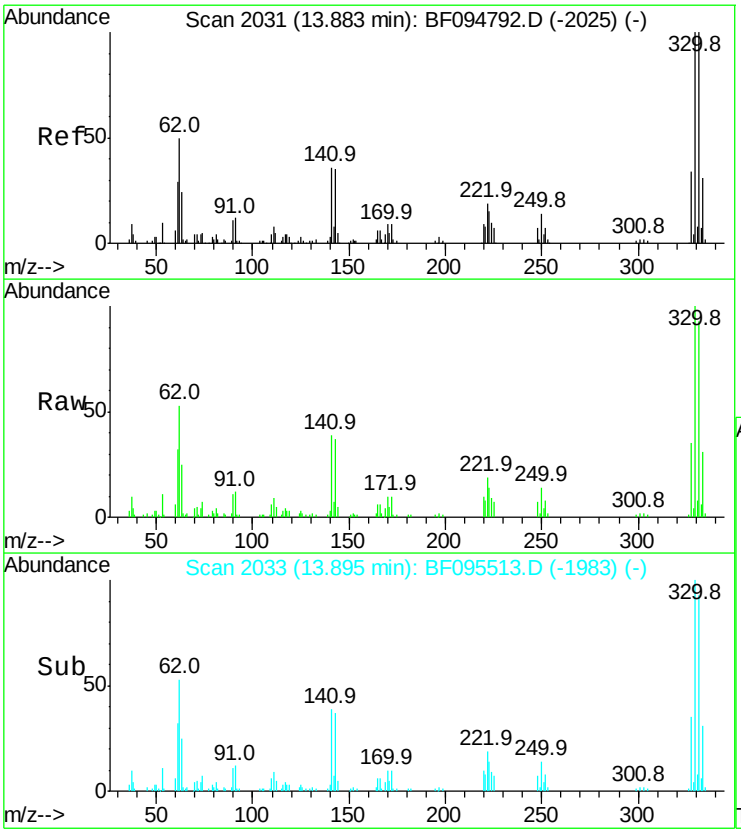
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174264

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	44.1	36.2	54.2

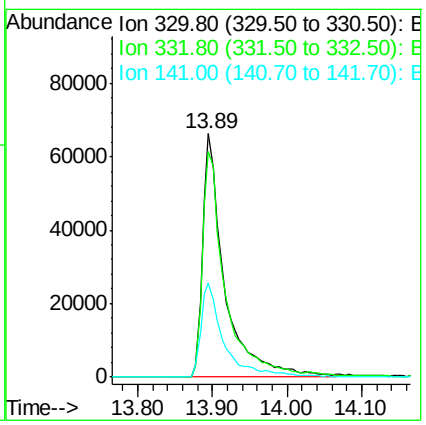


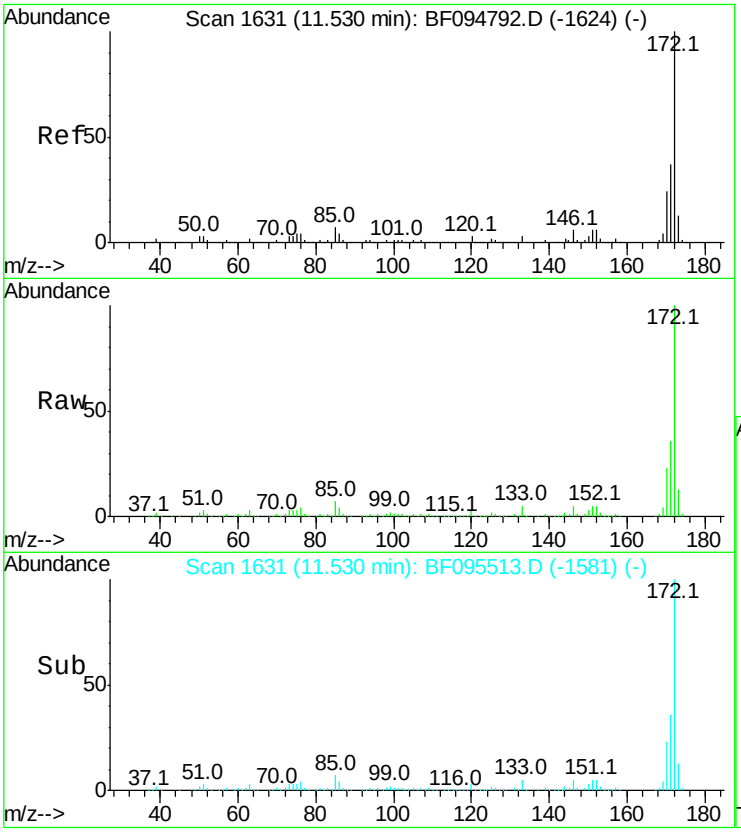


#41
2,4,6-Tribromophenol
Concen: 95.36 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:330 Resp: 136093

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	40.1	31.4	47.2



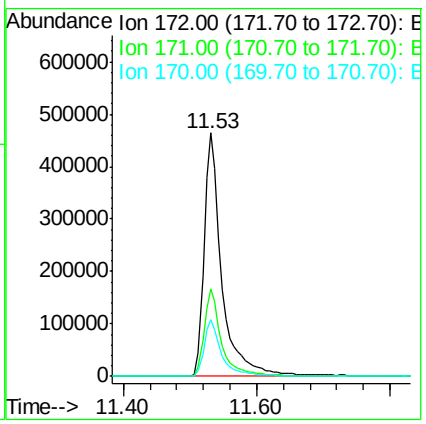


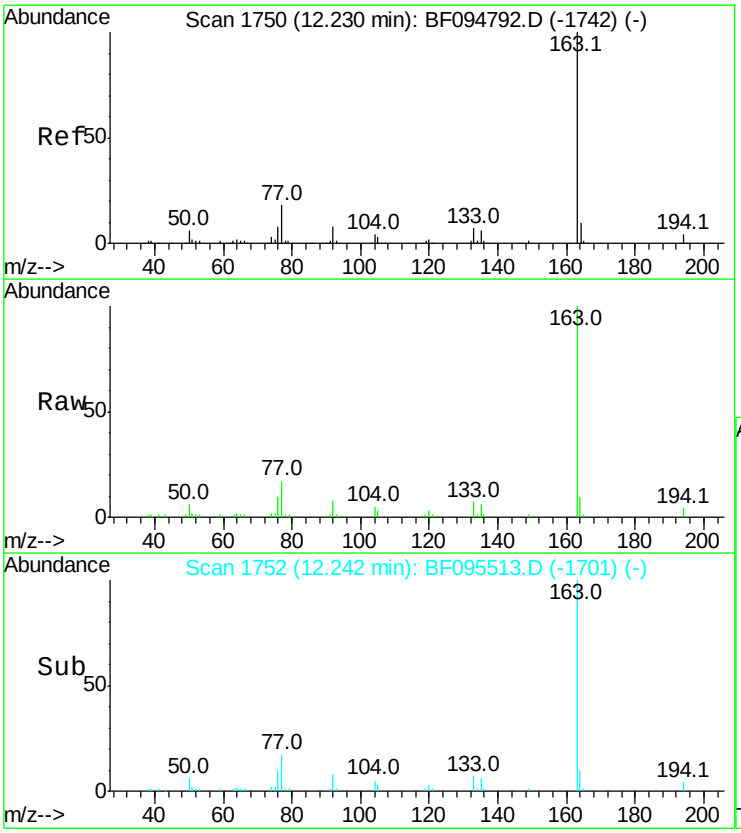
#44
2-Fluorobiphenyl
Concen: 70.74 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 856465

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8

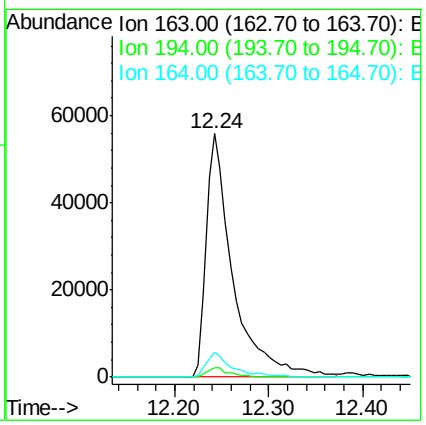


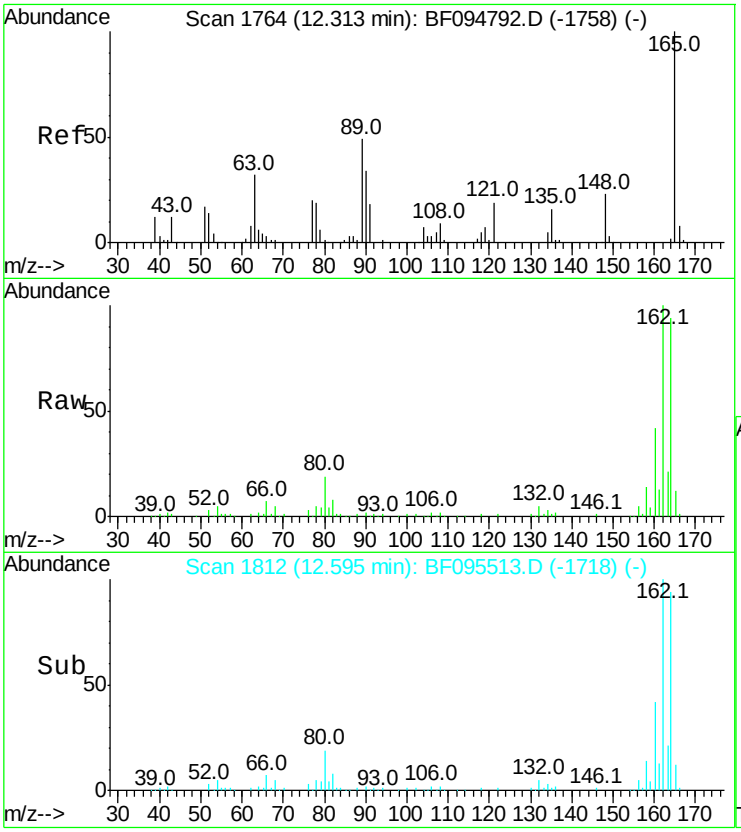


#49
Dimethylphthalate
Concen: 7.83 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:163 Resp: 112011

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.2	8.4	12.6



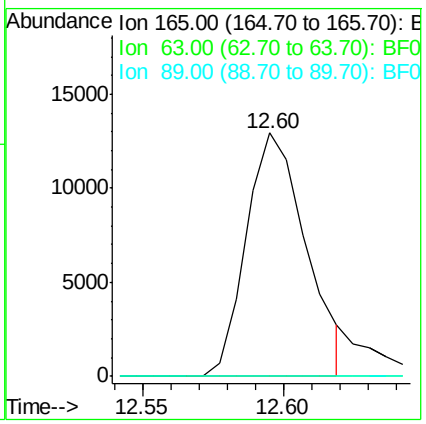


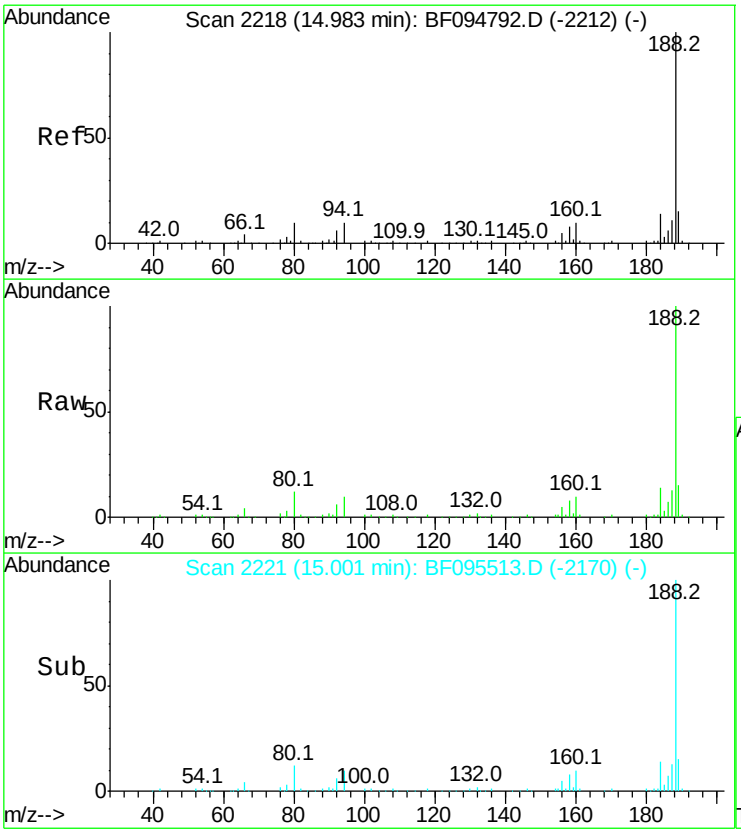
#50
2,6-Dinitrotoluene
Concen: 6.50 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.25 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18982

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

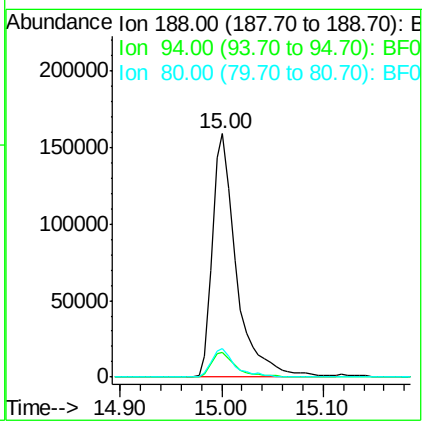


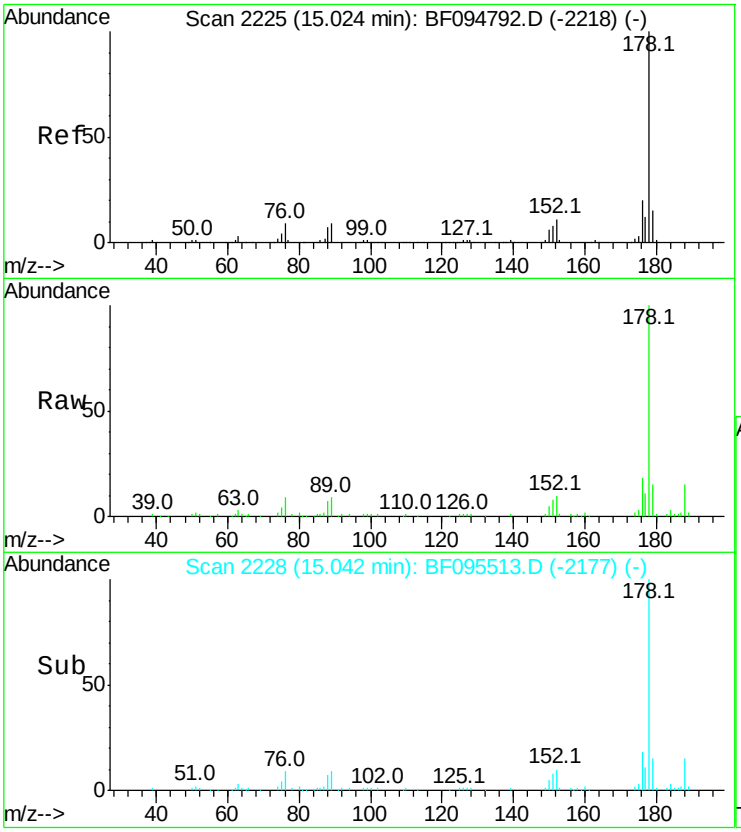


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:188 Resp: 263226

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.8	10.2	15.2



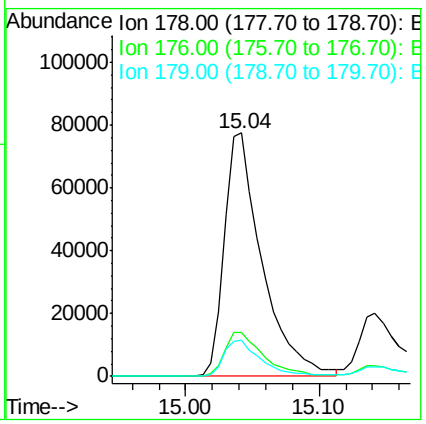


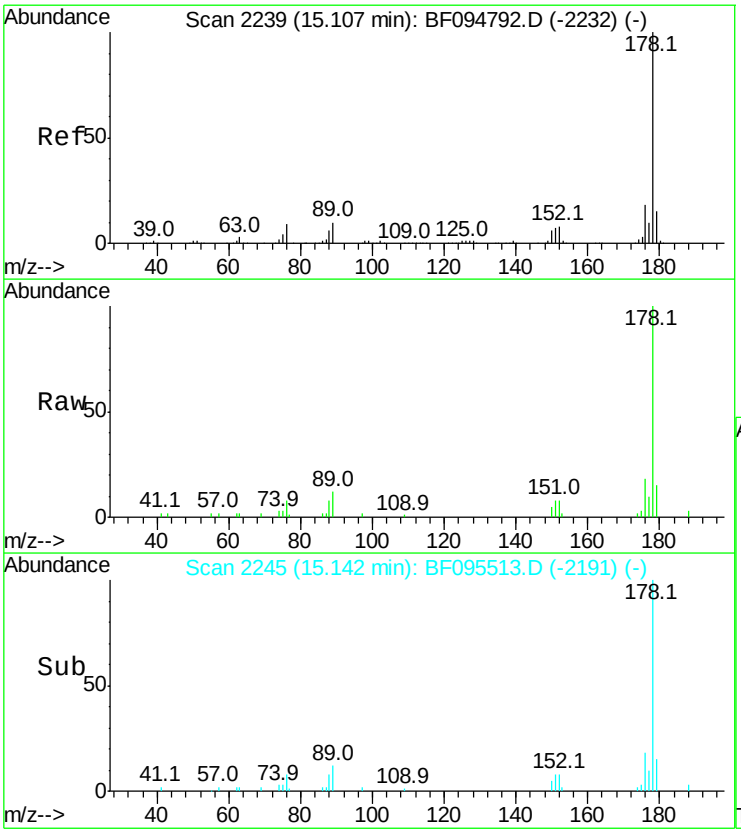
#70
Phenanthrene
Concen: 10.13 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 153151

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.8	12.6	19.0

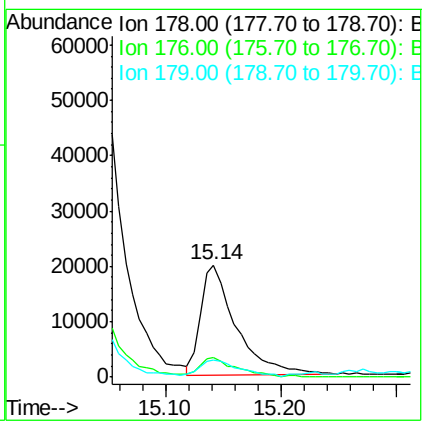


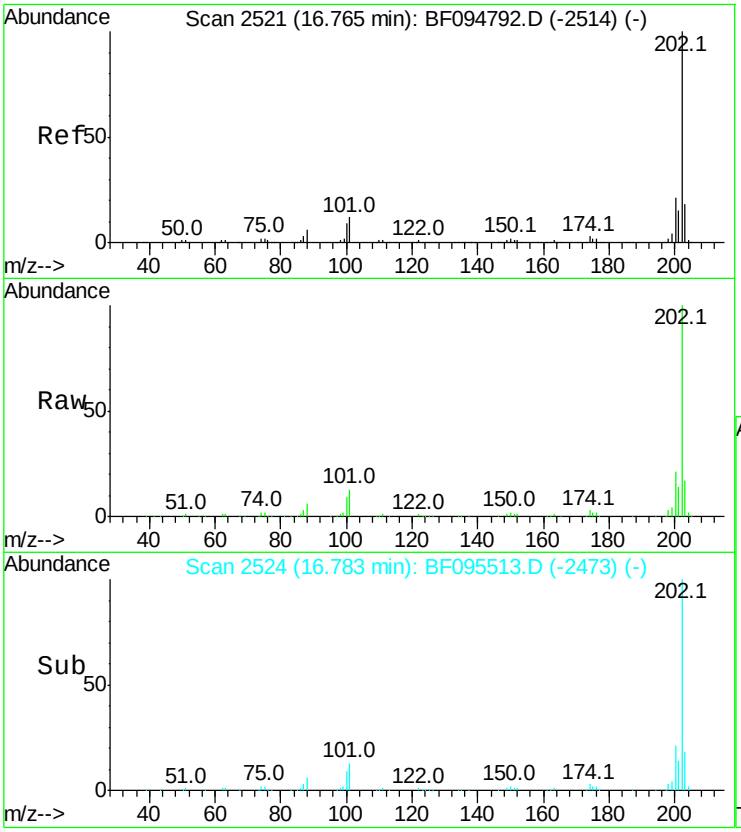


#71
Anthracene
Concen: 2.76 ng
RT: 15.14 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:178 Resp: 42598

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	14.9	12.7	19.1



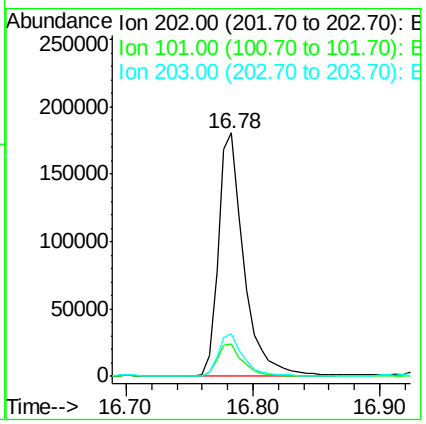


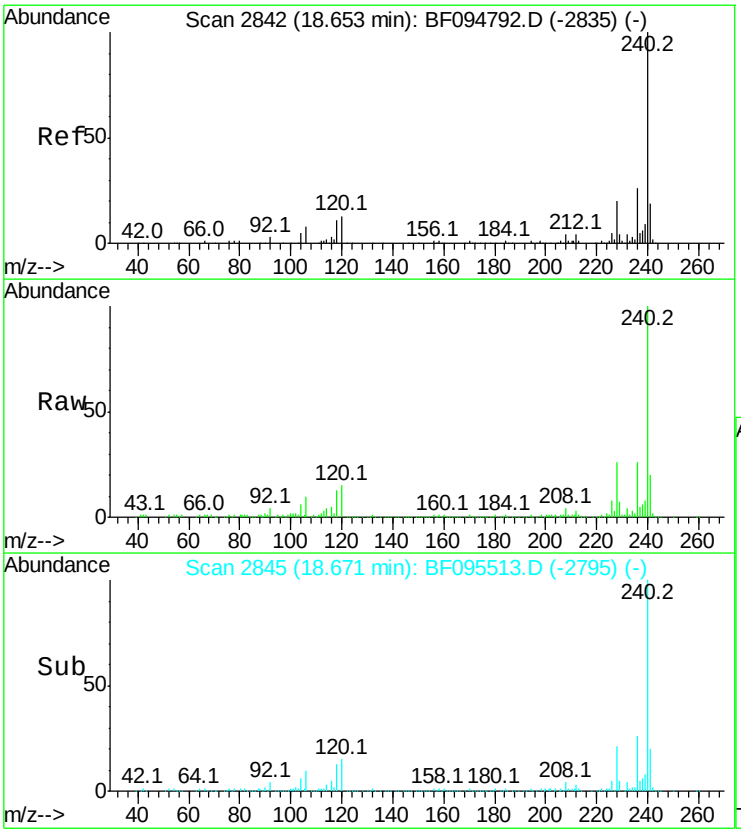
#74
Fluoranthene
Concen: 16.38 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 254191

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.5	0.0	38.1

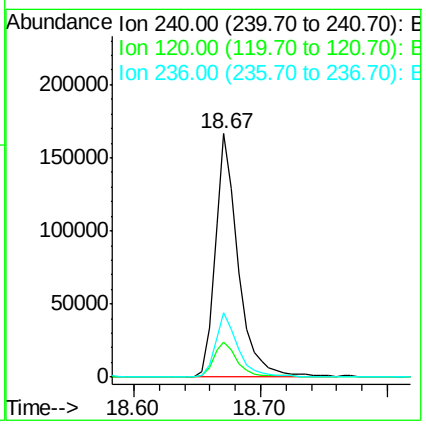


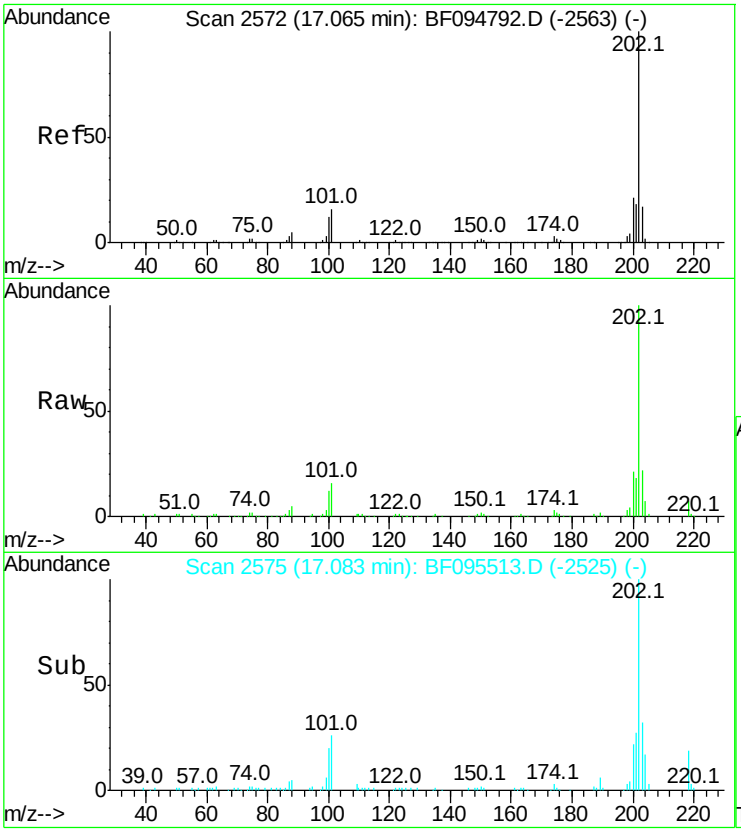


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:240 Resp: 209538

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.3	20.5	30.7



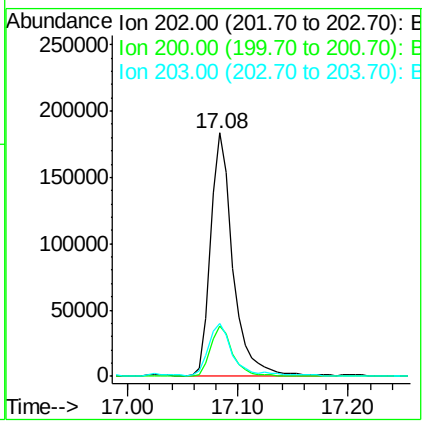


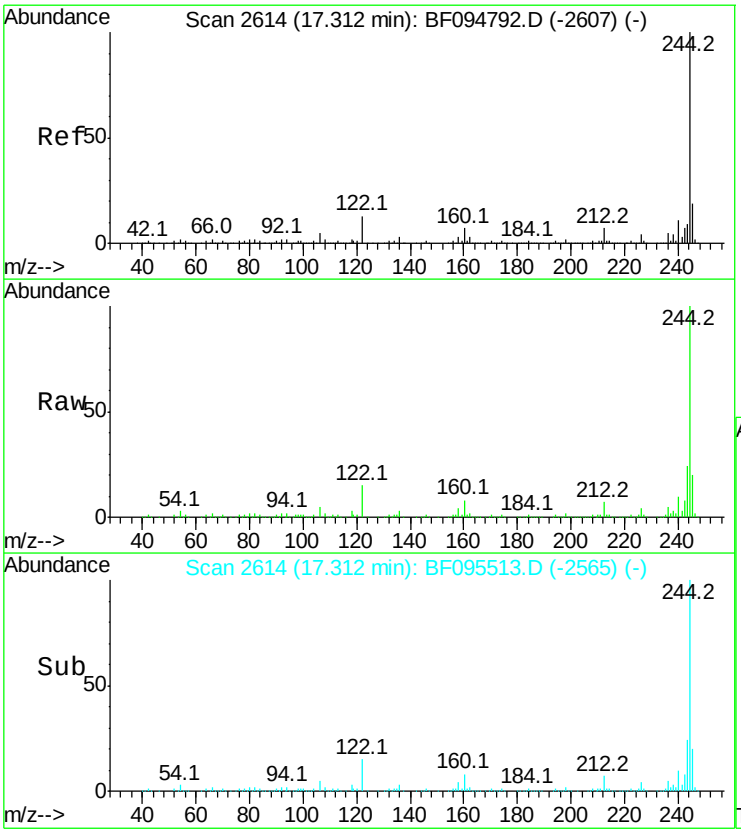
#77
Pyrene
Concen: 16.13 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 252800

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	21.9	14.4	21.6#

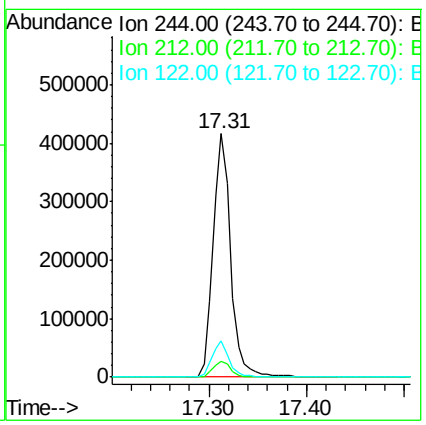


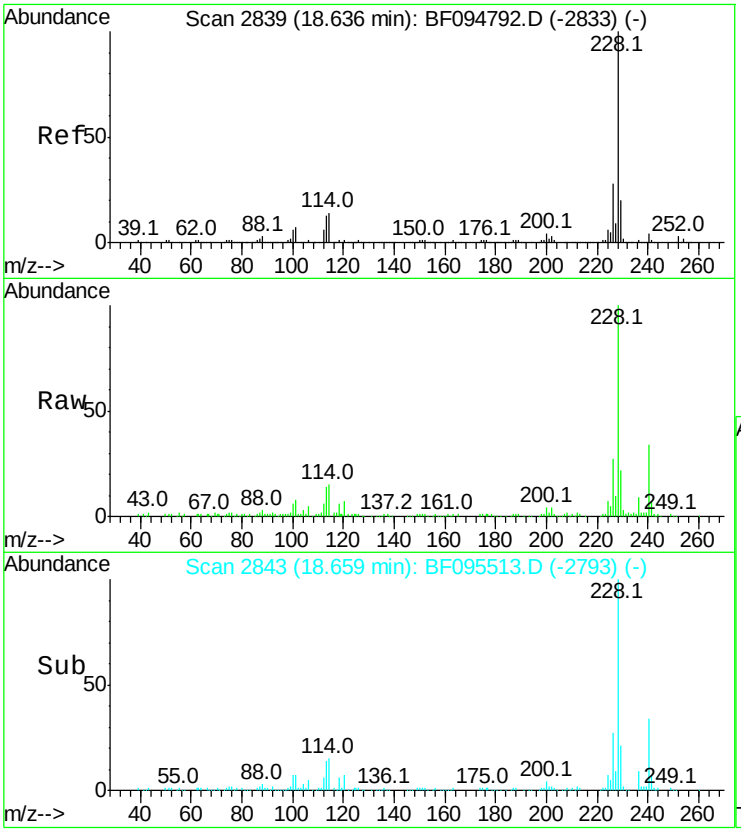


#78
Terphenyl-d14
Concen: 54.56 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:244 Resp: 519039

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5



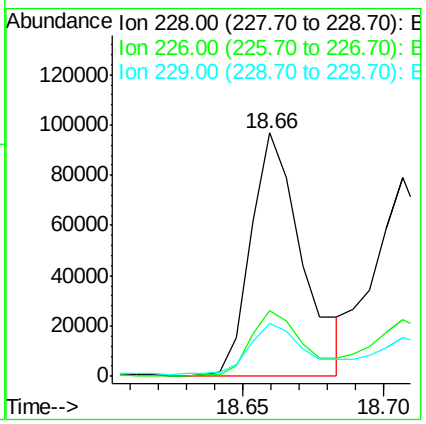


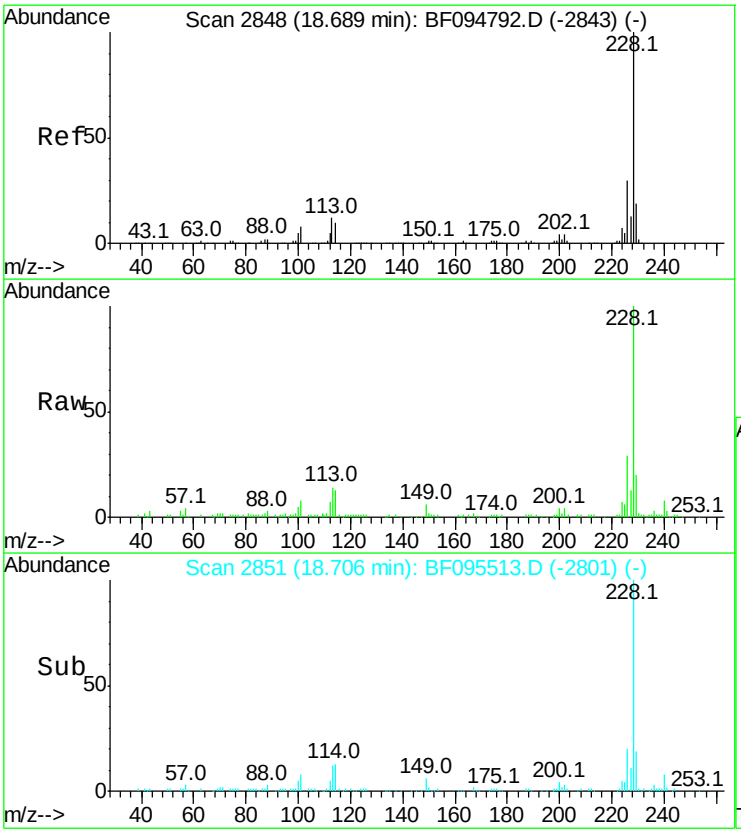
#80
Benzo(a)anthracene
Concen: 10.03 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 122288

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.6	16.3	24.5

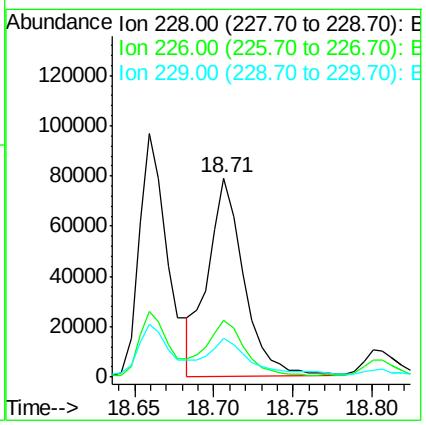


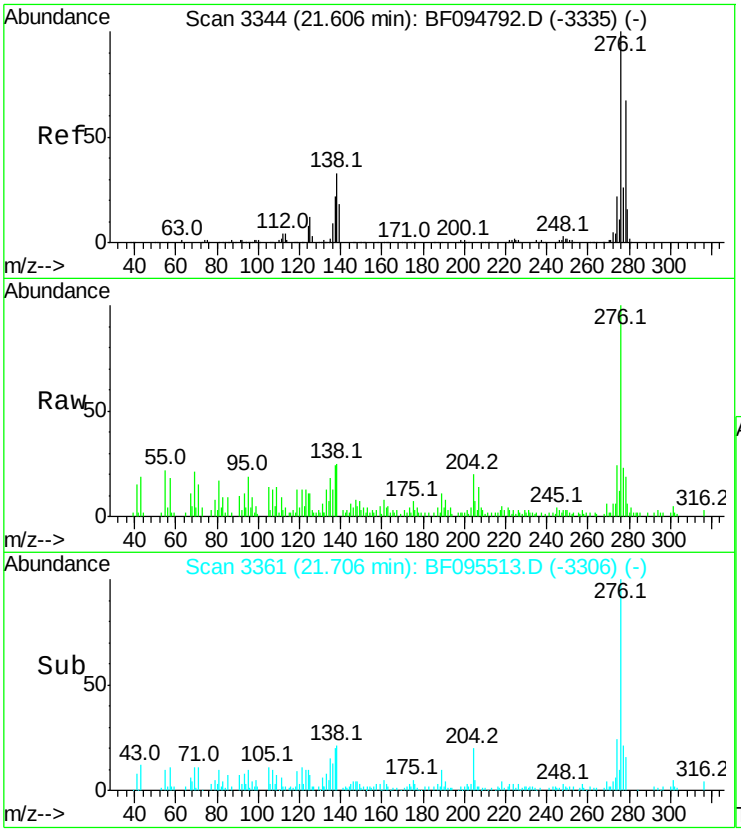


#82
Chrysene
Concen: 10.69 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:228 Resp: 126020

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	19.6	15.8	23.6



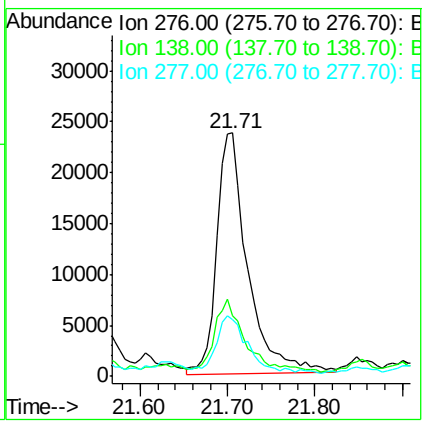


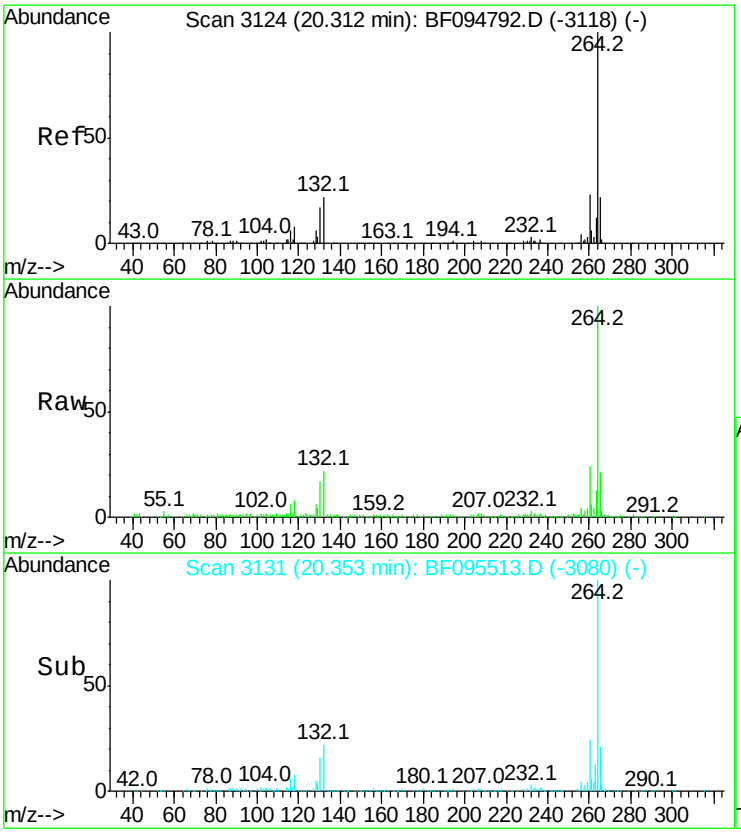
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.97 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57158

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	23.5	20.2	30.4

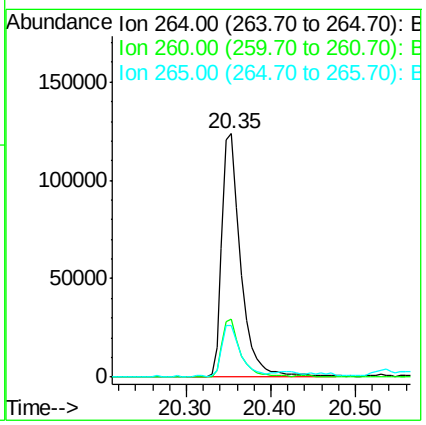


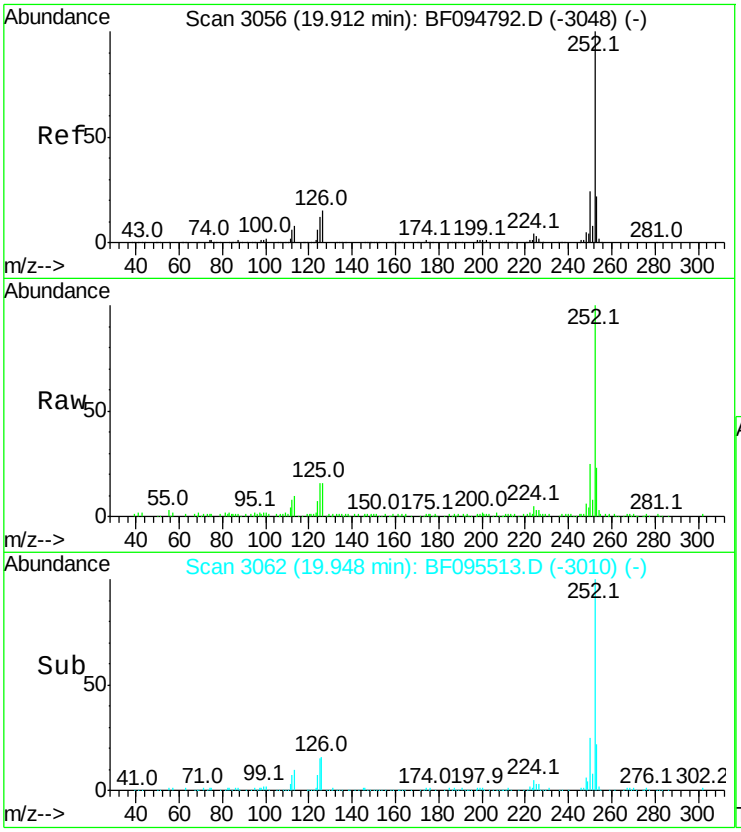


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:264 Resp: 193570

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8



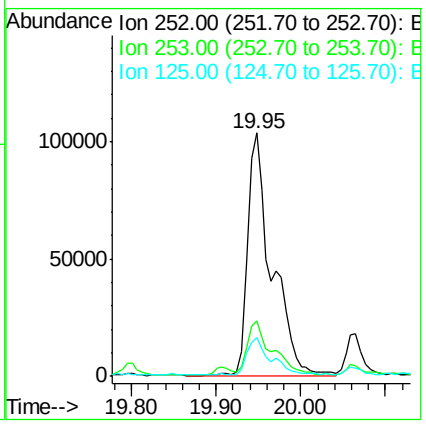


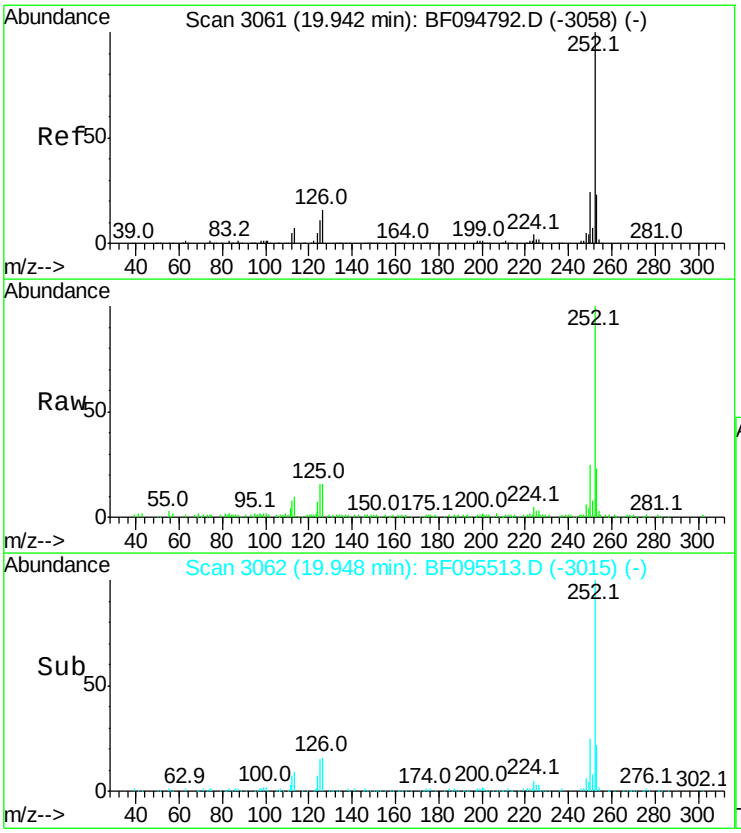
#87
Benzo(b)fluoranthene
Concen: 17.41 ng
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 208293

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.8	9.8	14.8#

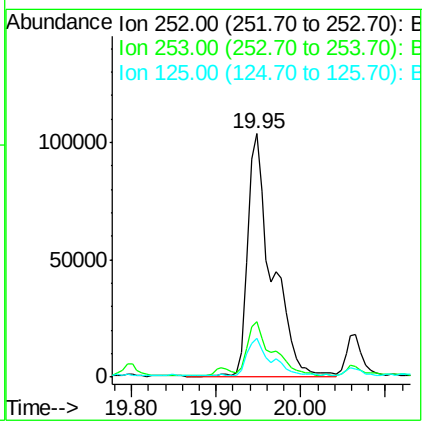


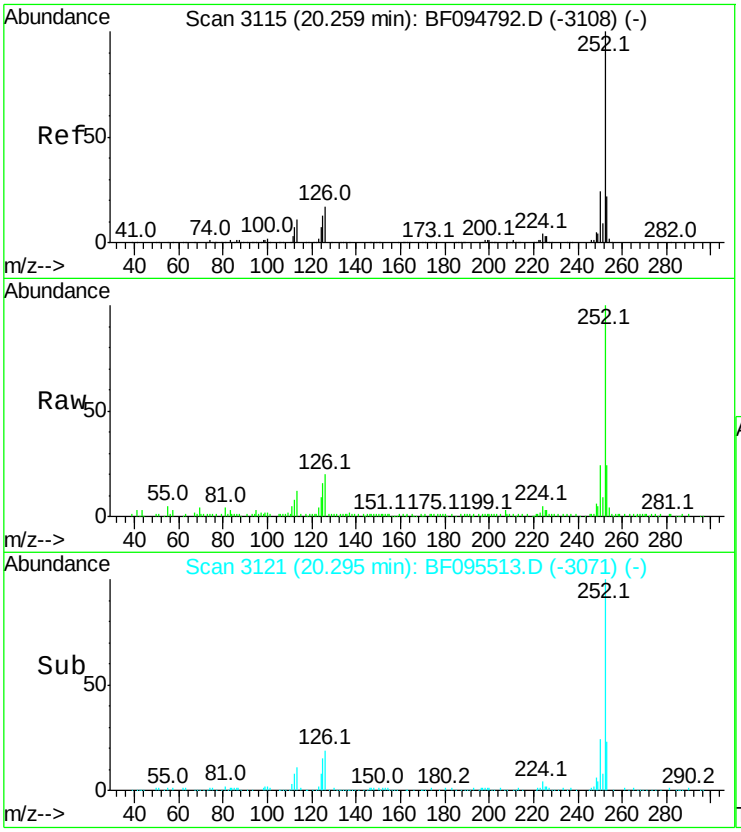


#88
Benzo(k)fluoranthene
Concen: 18.05 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:252 Resp: 208293

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	15.8	13.1	19.7



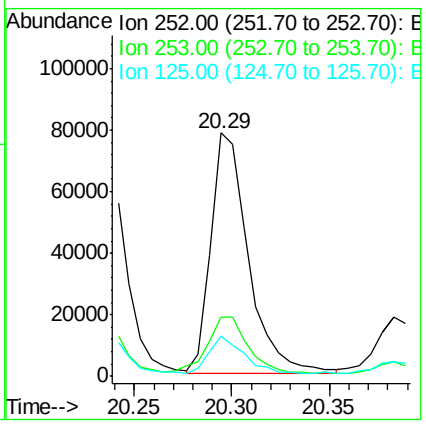


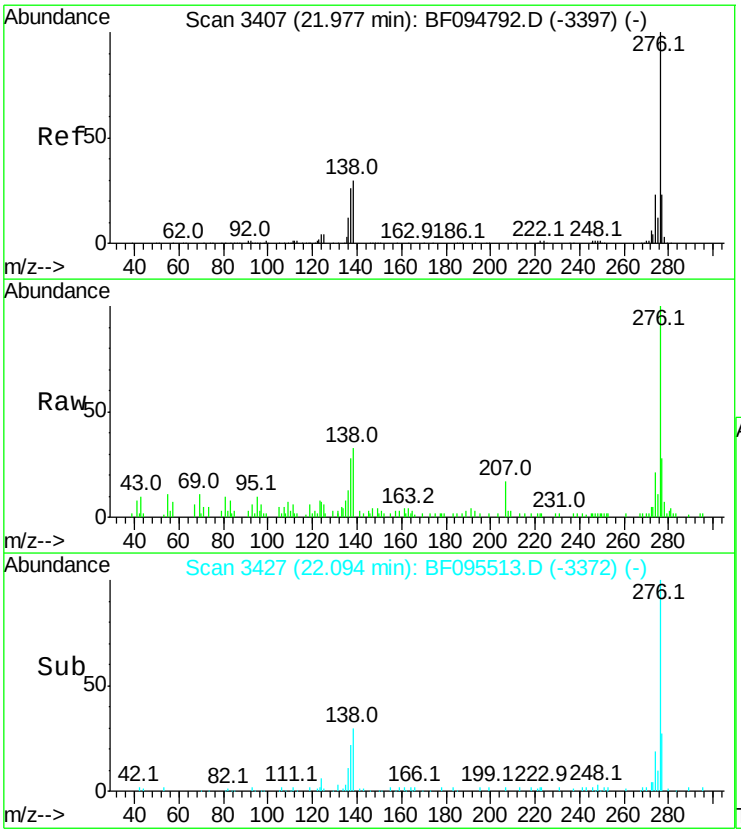
#89
Benzo(a)pyrene
Concen: 9.49 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104705

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	16.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.99 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion:276 Resp: 53583

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	28.0#
138	32.5	25.4	38.0