Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051517\
Data File : BF095153.D
Acq On : 16 May 2017 11:49
Operator : SJ/MA
Sample : I3140-10 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 16:09:01 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	78495	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	269618	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	120127	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	155245	20.00	ng		0.05
75) Chrysene-d12	18.70	240	172933	20.00	ng		0.05
86) Perylene-d12	20.38	264	128117	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	214952	45.66	ng		0.08
7) Phenol-d6	7.32	99	281256	49.79	ng		0.04
23) Nitrobenzene-d5	8.67	82	172864	40.43	ng		0.04
41) 2,4,6-Tribromophenol	13.93	330	32938	33.48	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	288451	34.56	ng		0.04
78) Terphenyl-d14	17.35	244	145903	18.58	ng		0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.67	70	20360	5.33	ng	#	72
49) Dimethylphthalate	12.27	163	33705	3.42	ng		99
50) 2,6-Dinitrotoluene	12.62	165	11169	5.55	ng	#	31
70) Phenanthrene	15.07	178	30121	3.38	ng		98
74) Fluoranthene	16.81	202	111196	12.15	ng		96
77) Pyrene	17.11	202	103706	8.02	ng		96
80) Benzo(a)anthracene	18.69	228	68874	6.84	ng		96
82) Chrysene	18.74	228	70349	7.23	ng		99
85) Indeno(1,2,3-cd)pyrene	21.72	276	19578	2.48	ng	#	89
87) Benzo(b)fluoranthene	19.97	252	104359	13.18	ng	#	97
88) Benzo(k)fluoranthene	19.97	252	104359	13.67	ng		98
89) Benzo(a)pyrene	20.32	252	46212	6.33	ng		96
91) Benzo(g,h,i)perylene	22.12	276	23814	4.02	ng		98

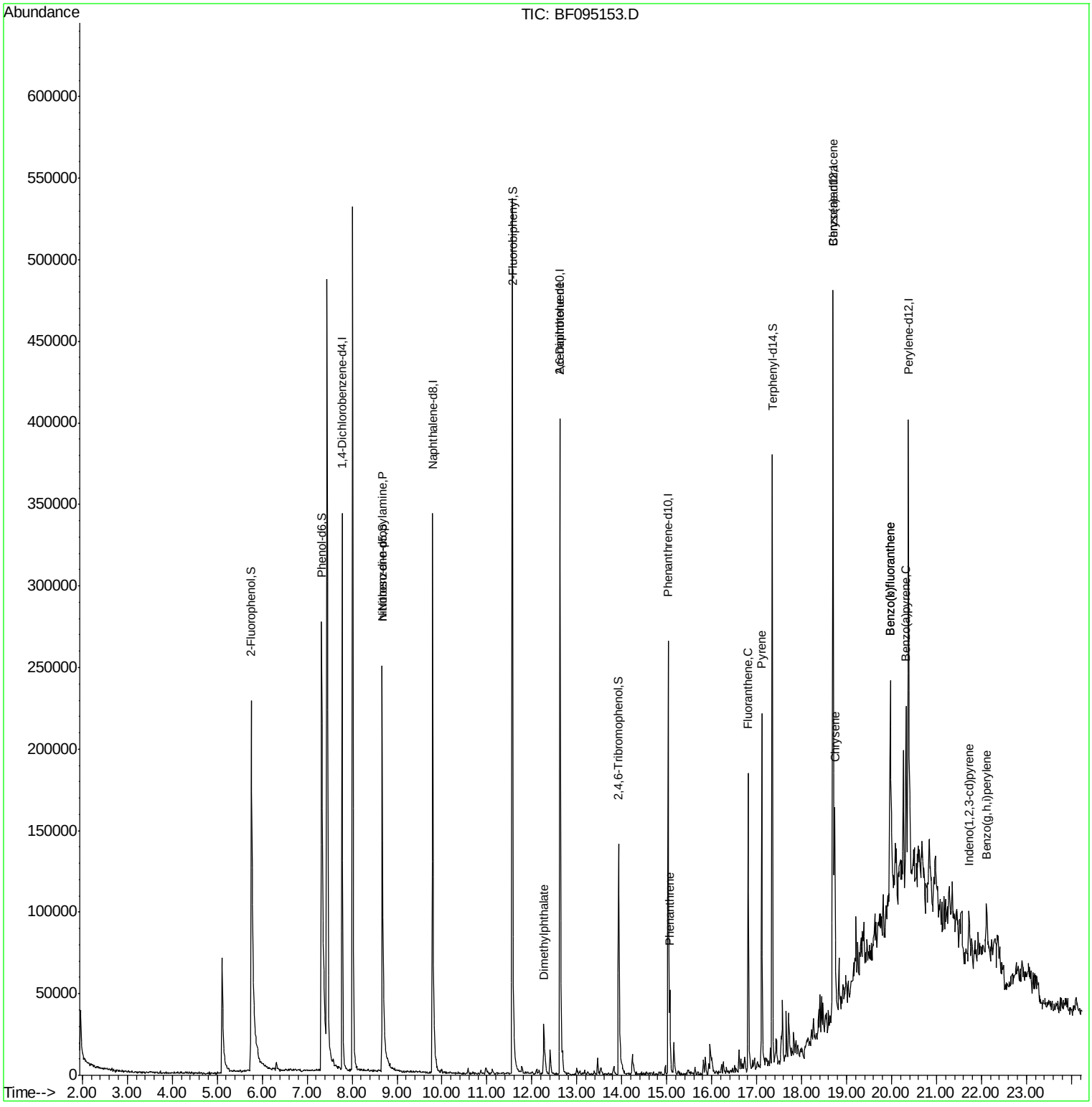
(#) = qualifier out of range (m) = manual integration (+) = signals summed

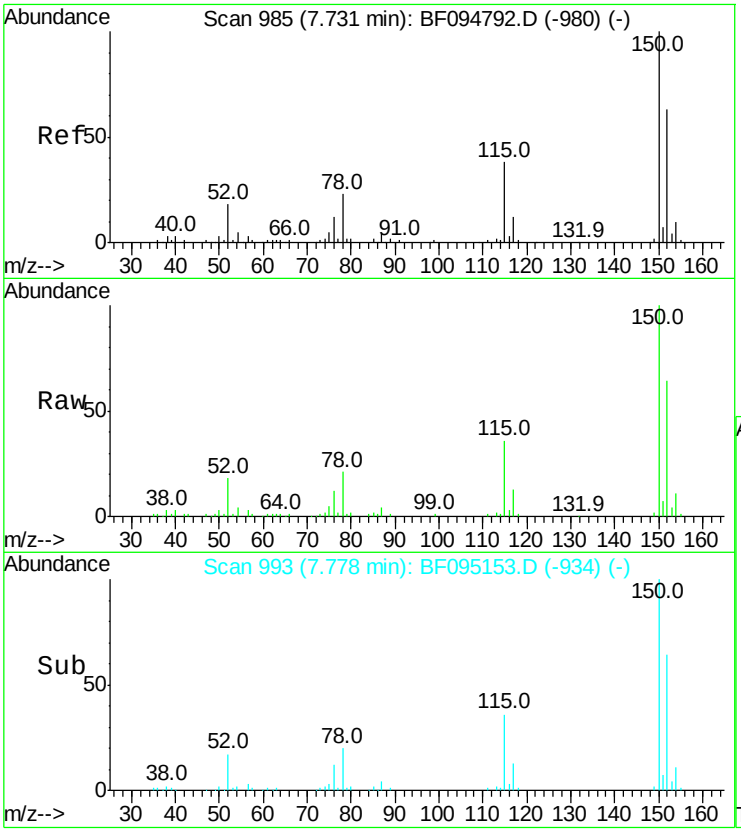
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051517\
Data File : BF095153.D
Acq On : 16 May 2017 11:49
Operator : SJ/MA
Sample : I3140-10 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 16:09:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



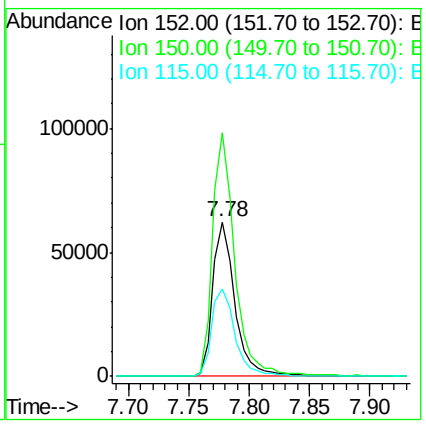


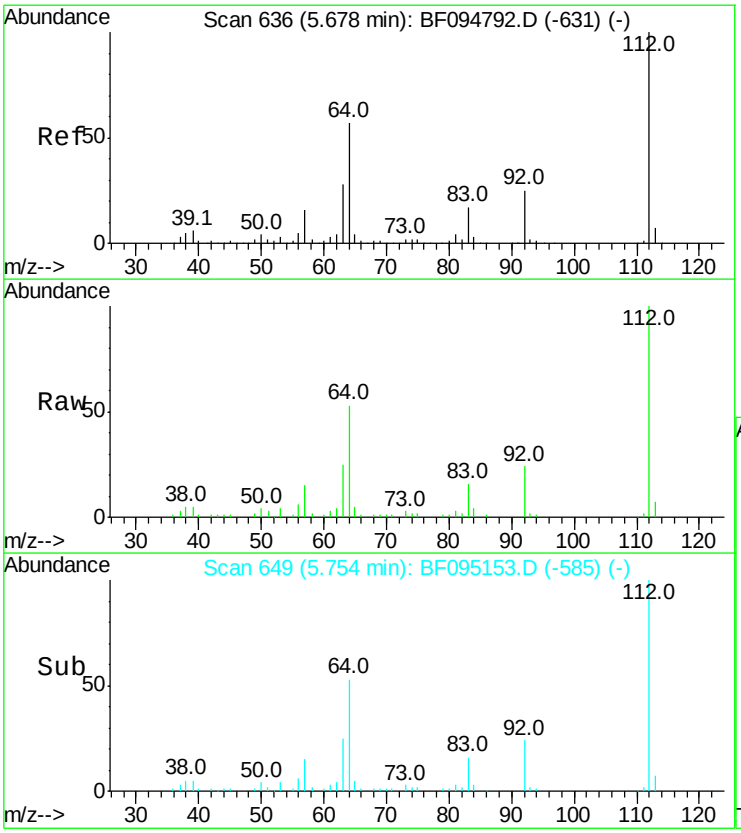
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78495

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	56.9	52.2	78.2

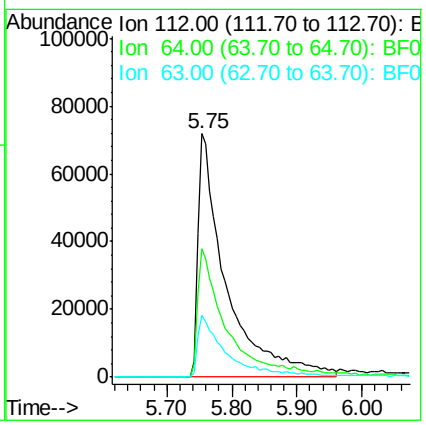


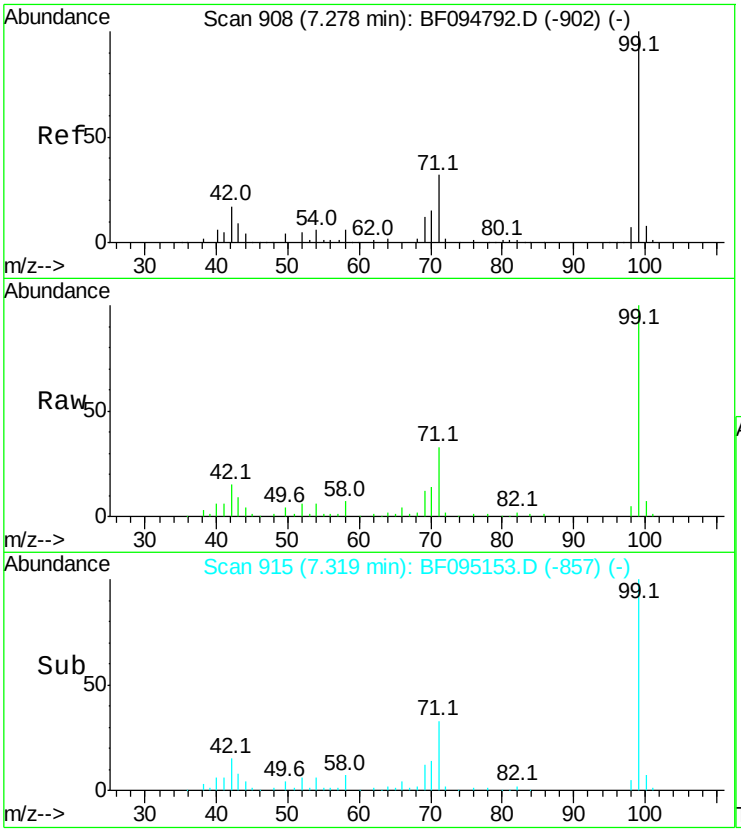


#5
2-Fluorophenol
Concen: 45.66 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.08 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:112 Resp: 214952

Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	25.4	23.4	35.0



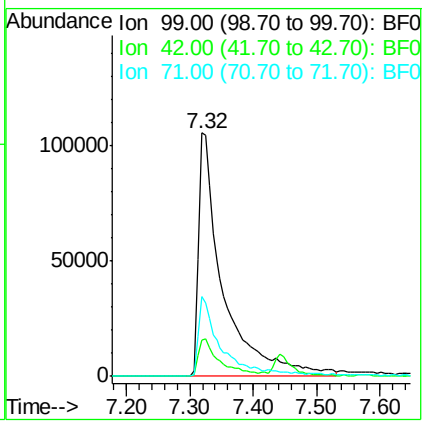


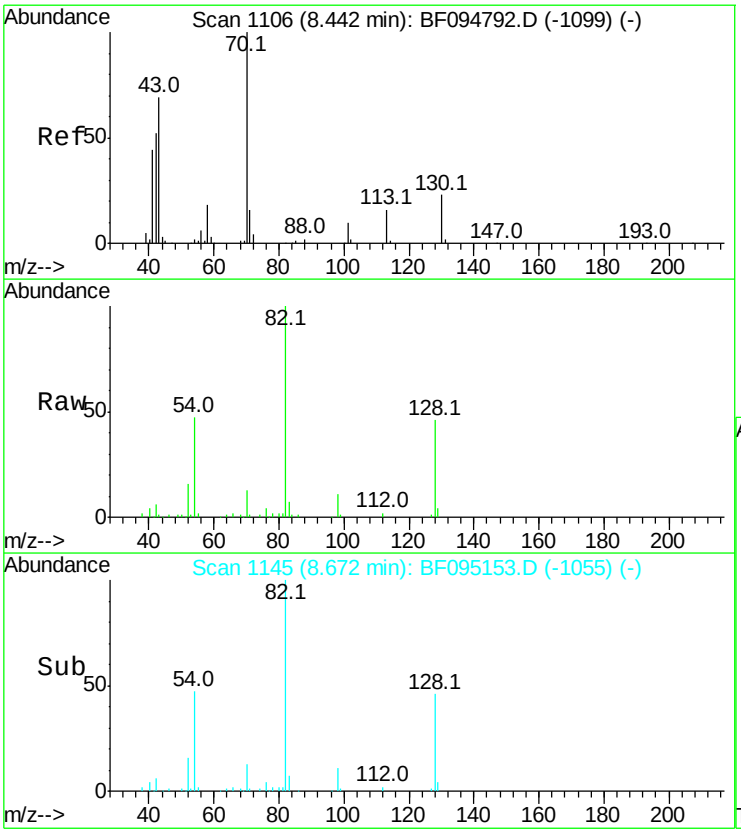
#7
Phenol-d6
Concen: 49.79 ng
RT: 7.32 min Scan# 915
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 281256

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	32.6	24.5	36.7

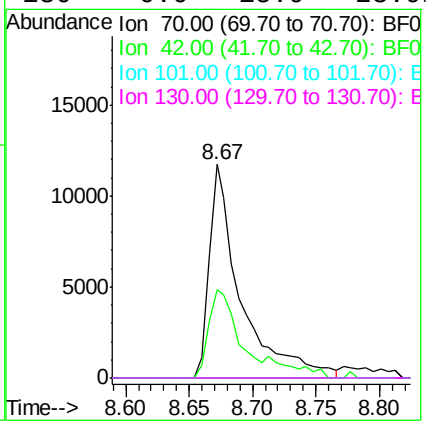


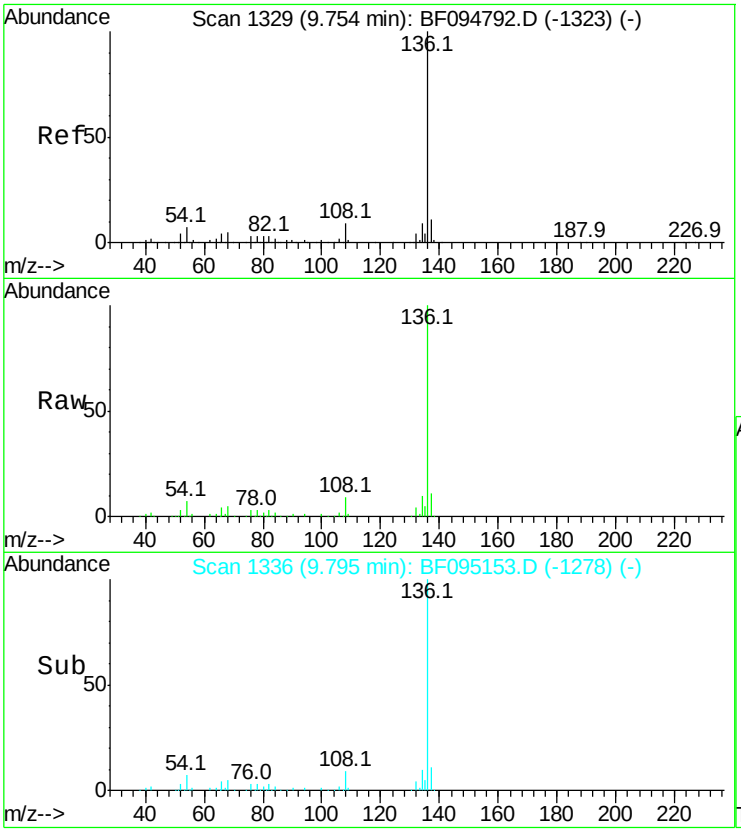


#19
n-Nitroso-di-n-propylamine
Concen: 5.33 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion: 70 Resp: 20360

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



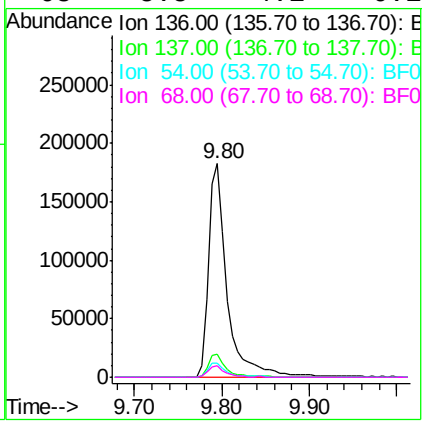


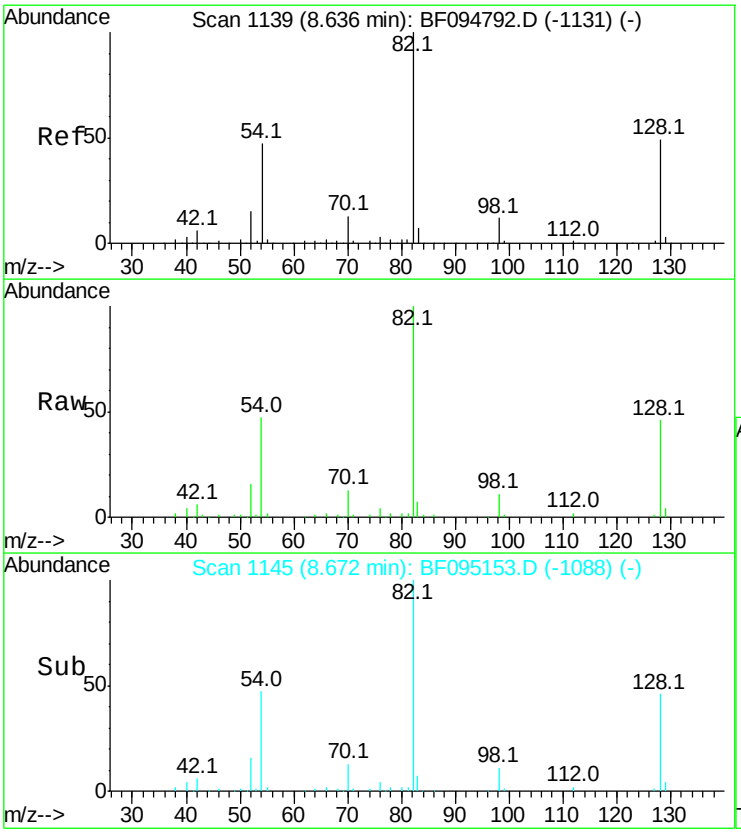
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 269618

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1

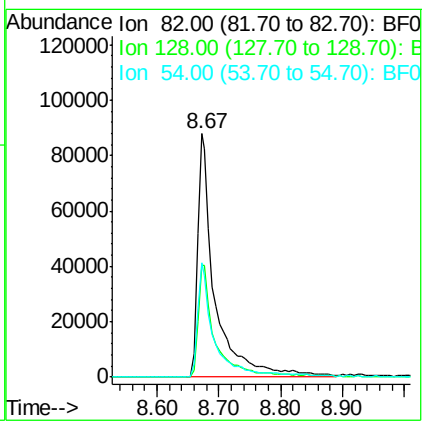


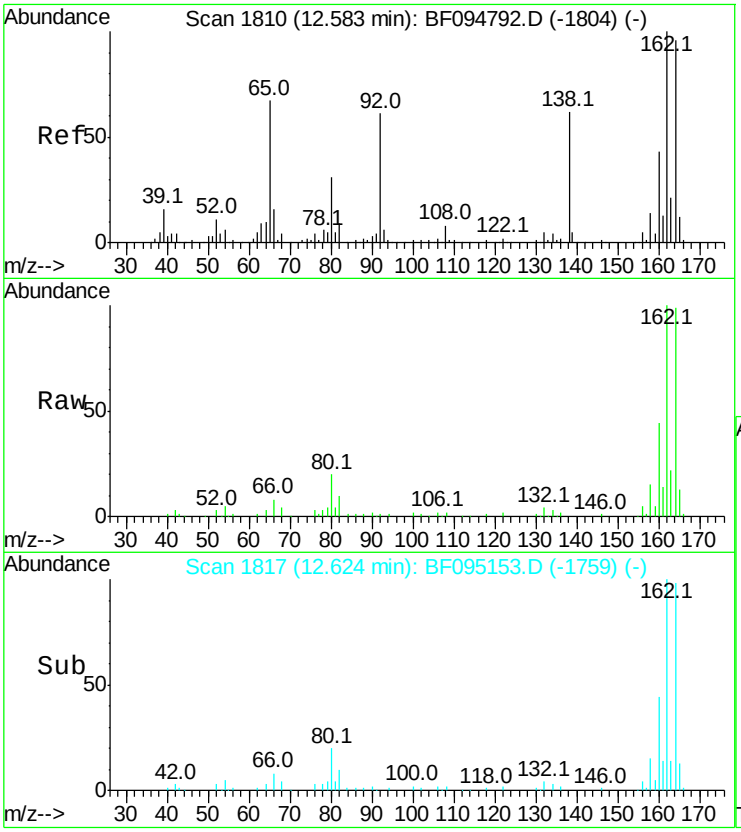


#23
Nitrobenzene-d5
Concen: 40.43 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion: 82 Resp: 172864

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	47.0	42.2	63.2



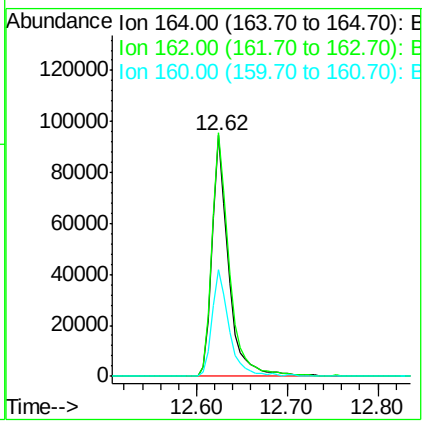


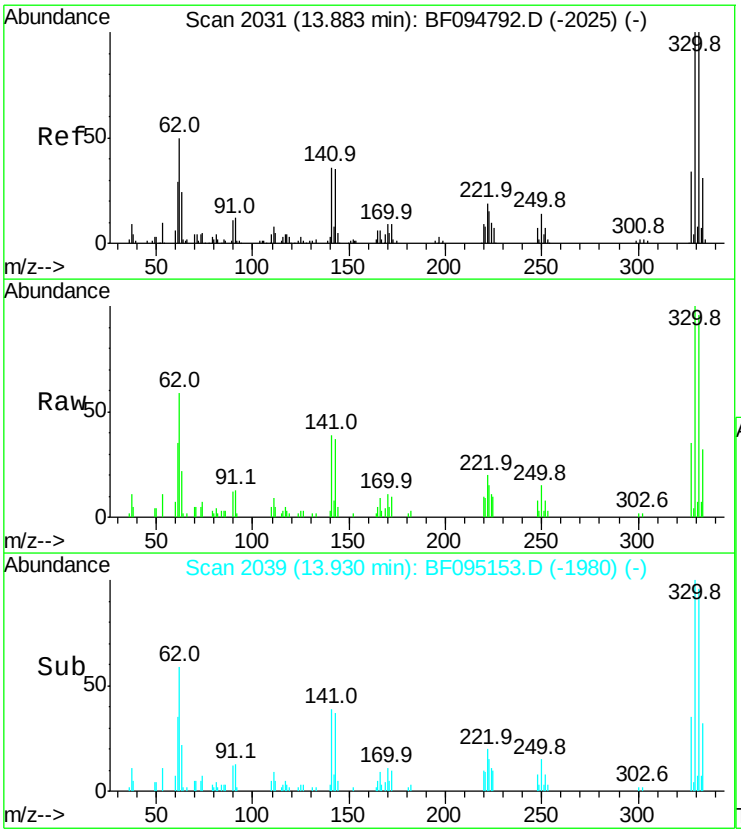
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 120127

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.4	36.2	54.2

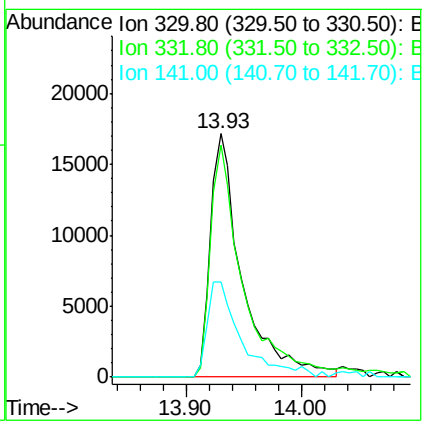


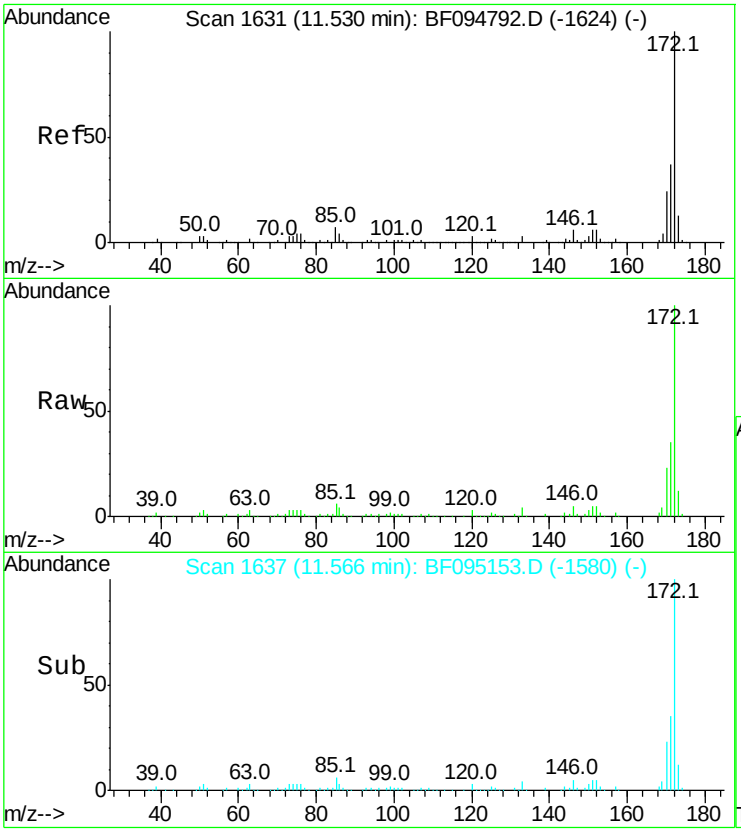


#41
2,4,6-Tribromophenol
Concen: 33.48 ng
RT: 13.93 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:330 Resp: 32938

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	41.2	31.4	47.2



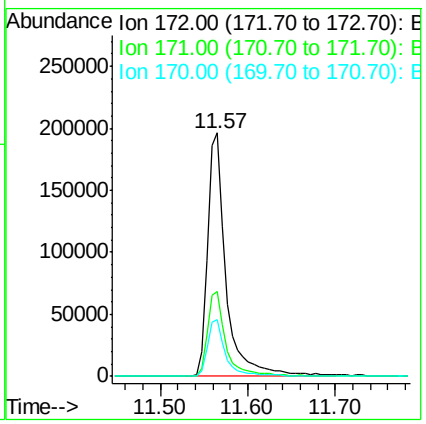


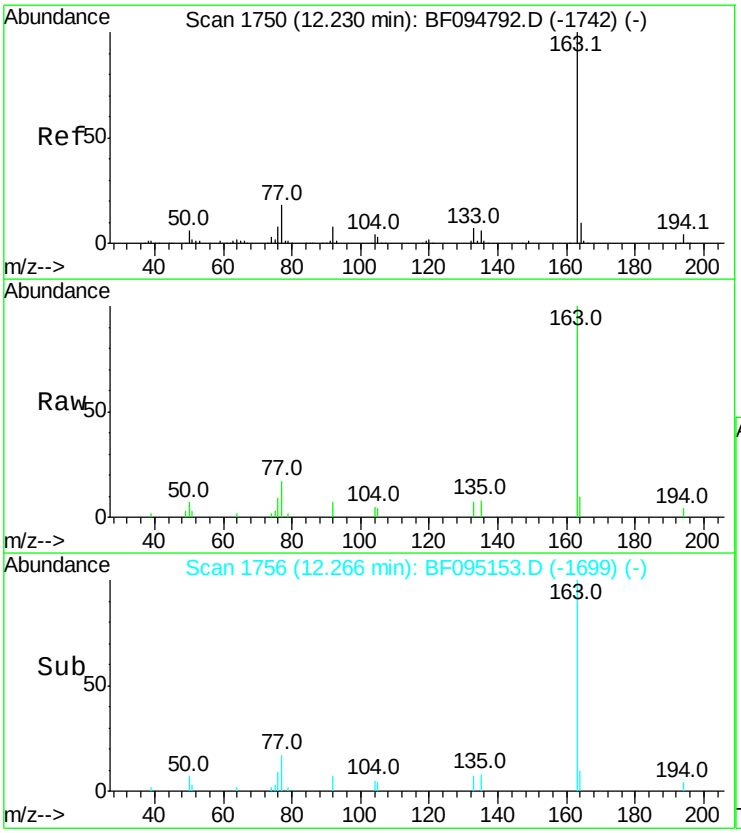
#44
2-Fluorobiphenyl
Concen: 34.56 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 288451

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.2	19.8	29.8

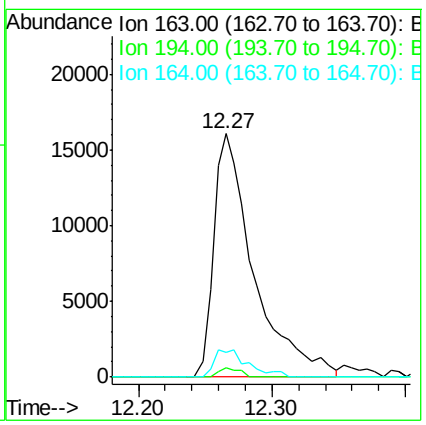


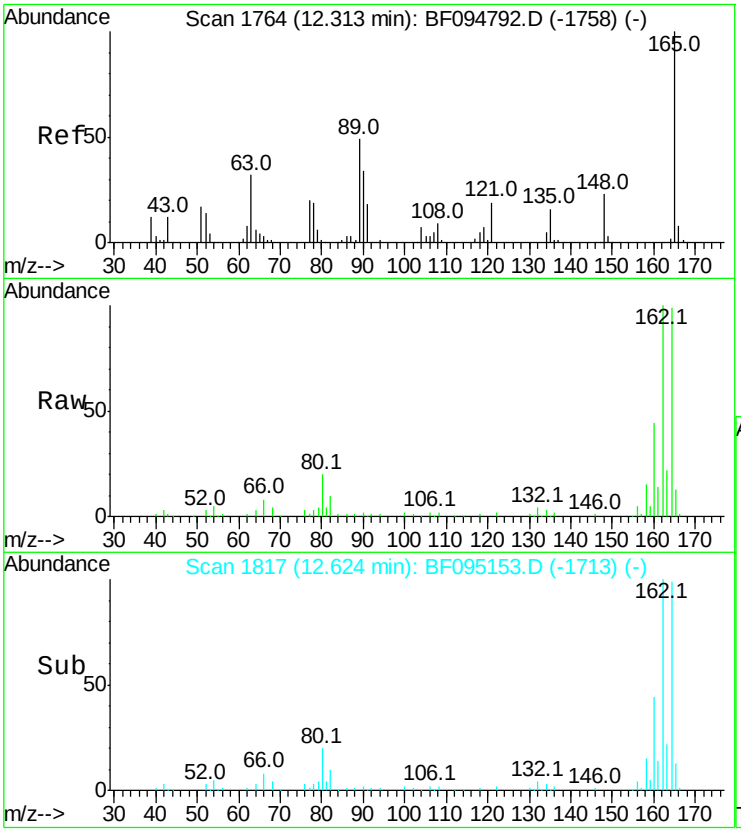


#49
Dimethylphthalate
Concen: 3.42 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:163 Resp: 33705

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.4	12.6



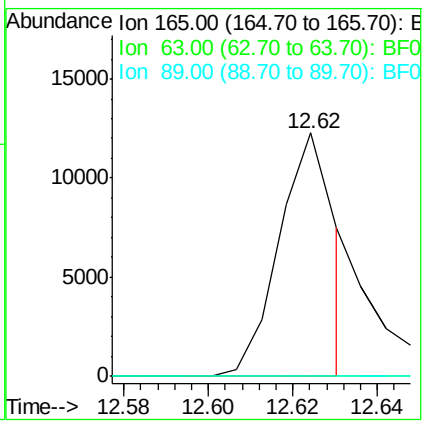


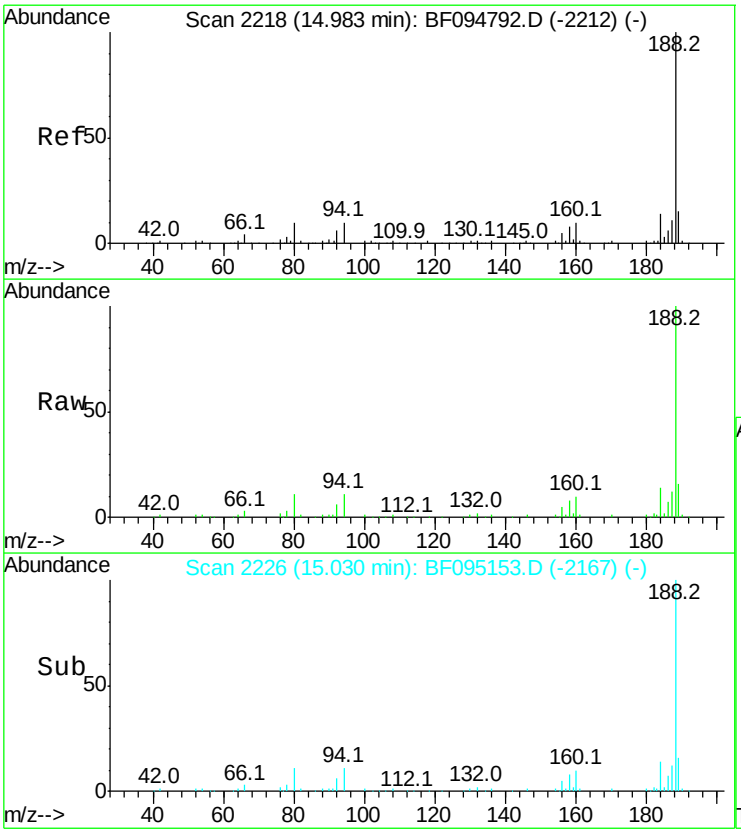
#50
2,6-Dinitrotoluene
Concen: 5.55 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.31 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11169

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

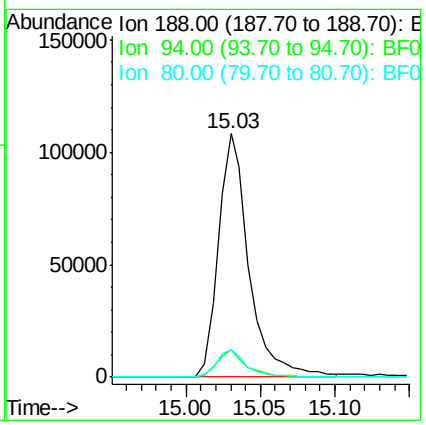


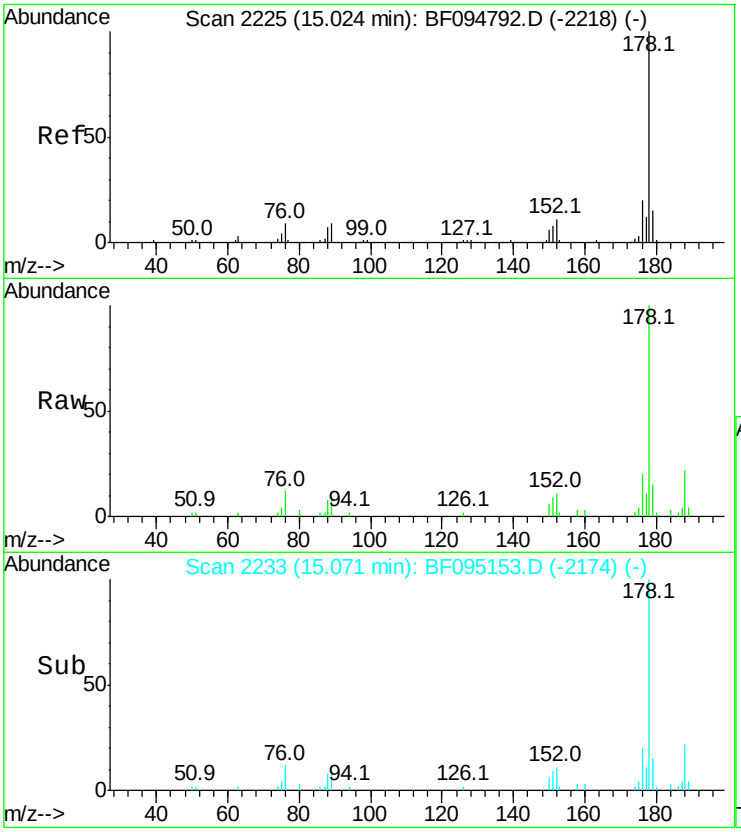


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:188 Resp: 155245

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.1	10.2	15.2



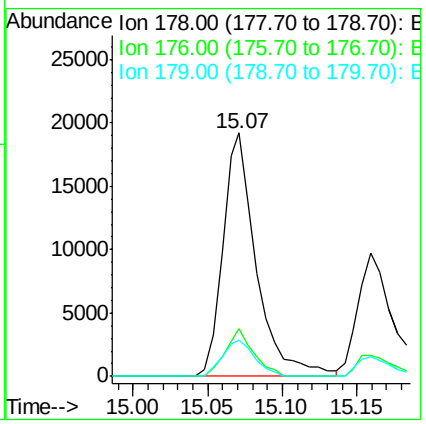


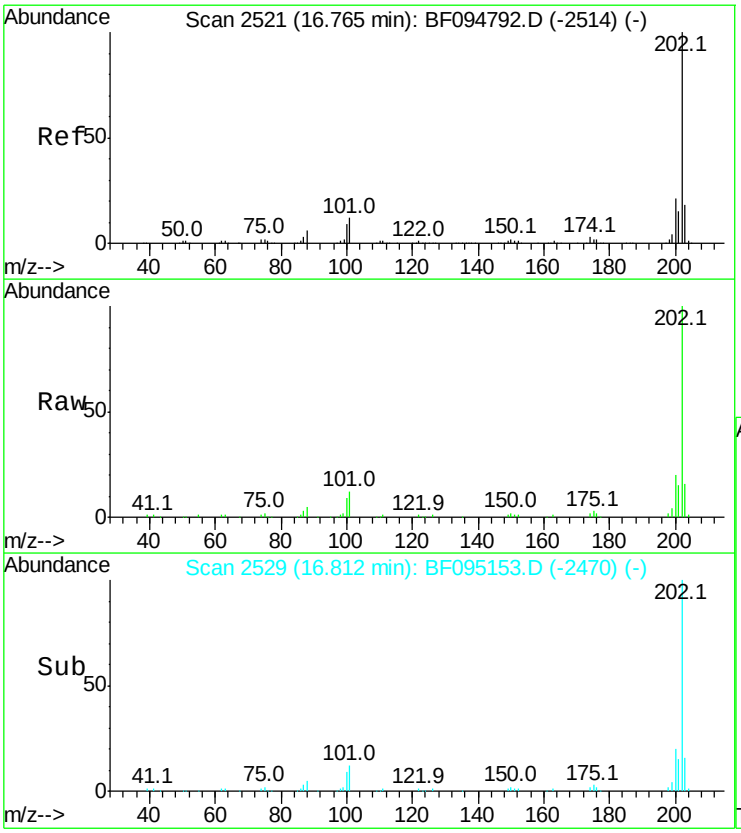
#70
Phenanthrene
Concen: 3.38 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 30121

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	14.8	12.6	19.0

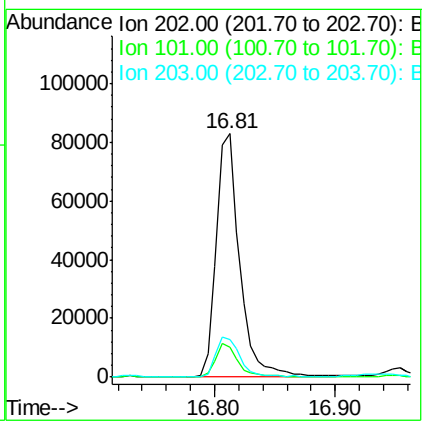


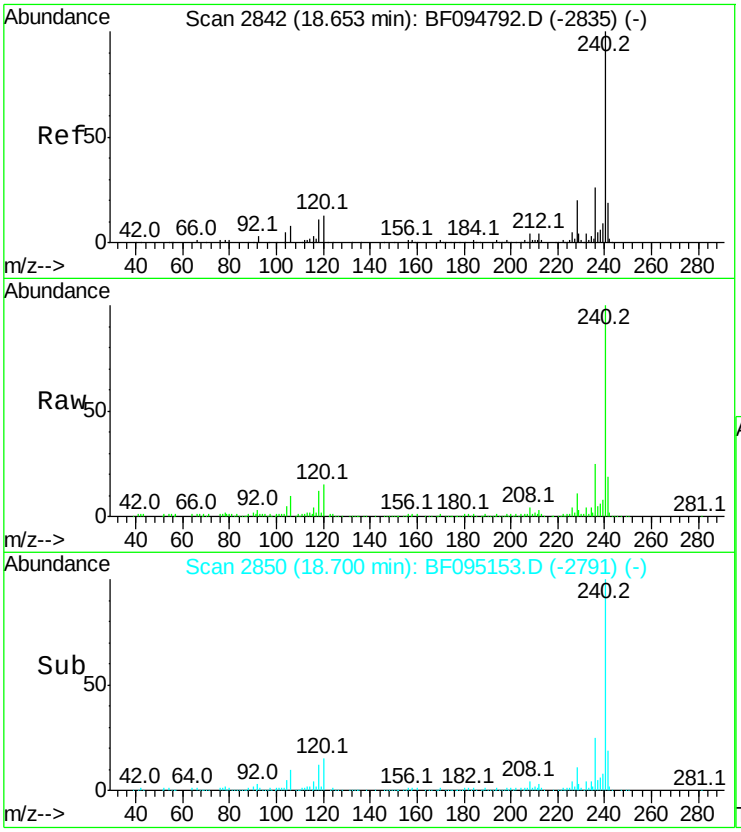


#74
Fluoranthene
Concen: 12.15 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:202 Resp: 111196

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	15.6	0.0	38.1



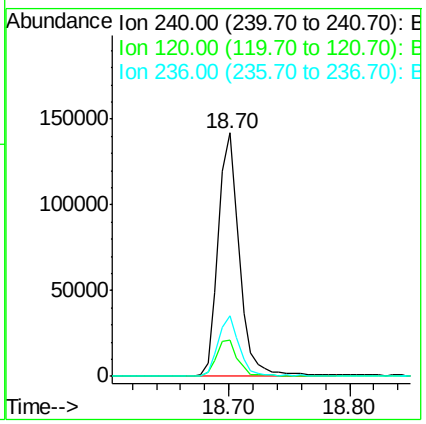


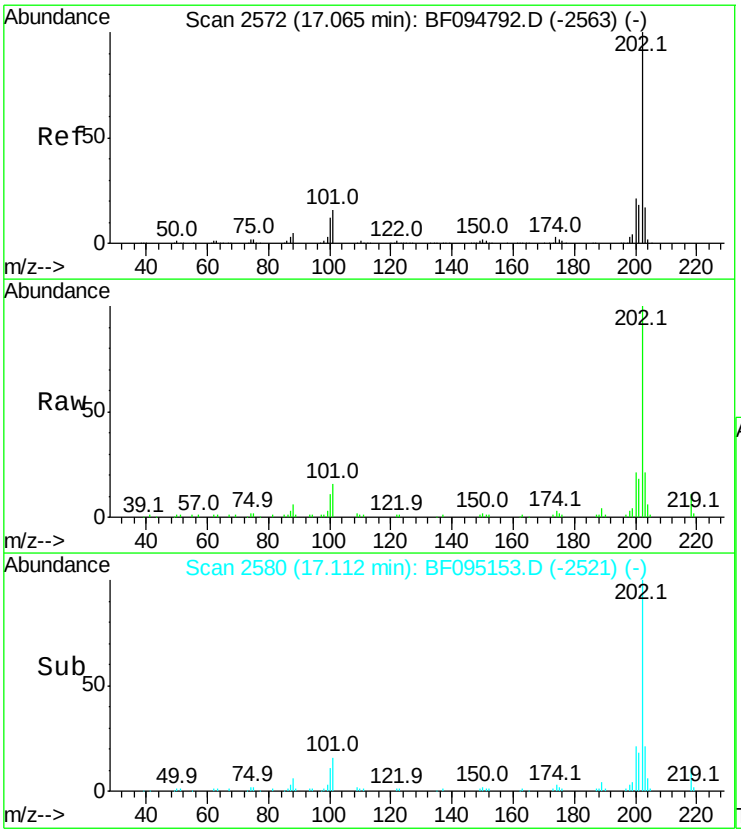
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 172933

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.0	20.5	30.7

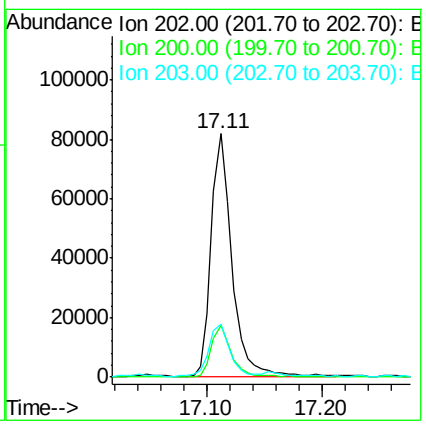


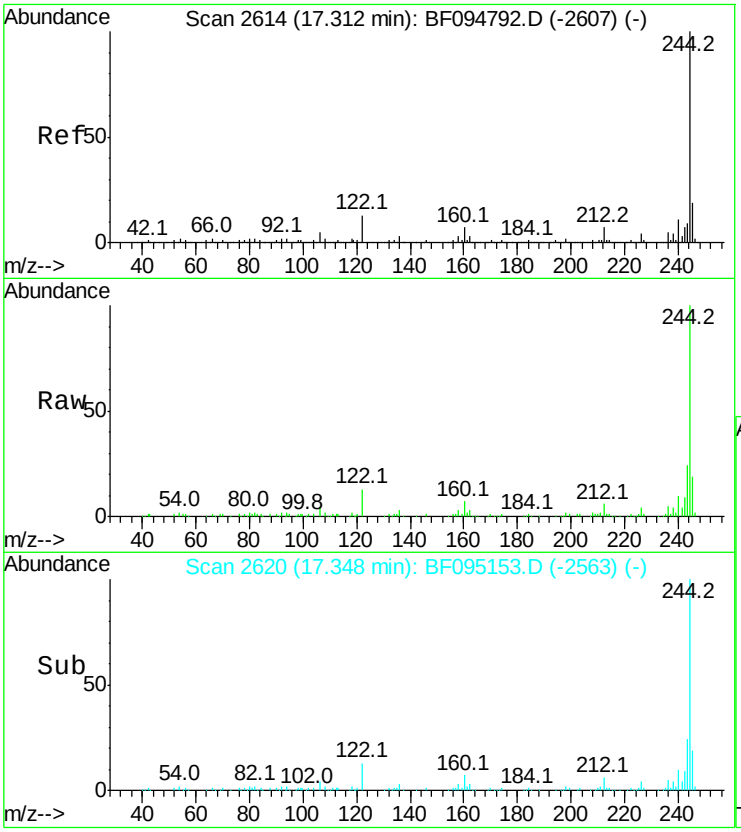


#77
Pyrene
Concen: 8.02 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:202 Resp: 103706

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	21.5	14.4	21.6



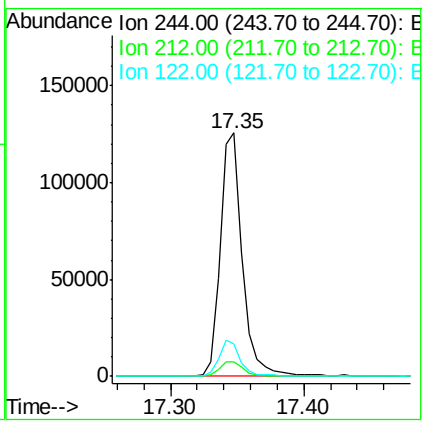


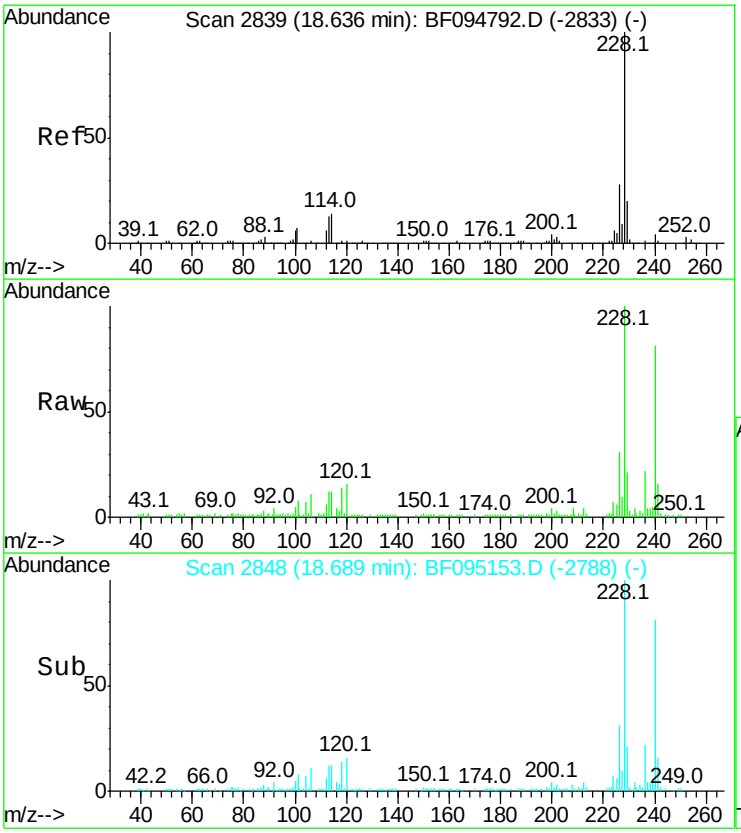
#78
Terphenyl-d14
Concen: 18.58 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 145903

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	13.4	10.3	15.5

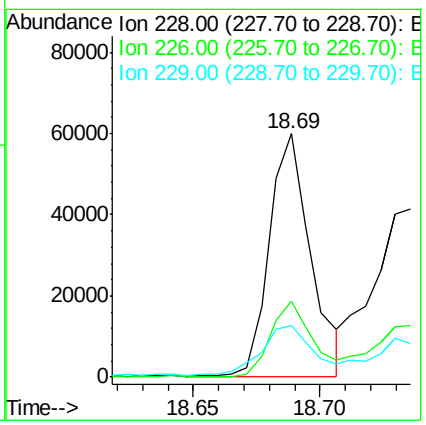


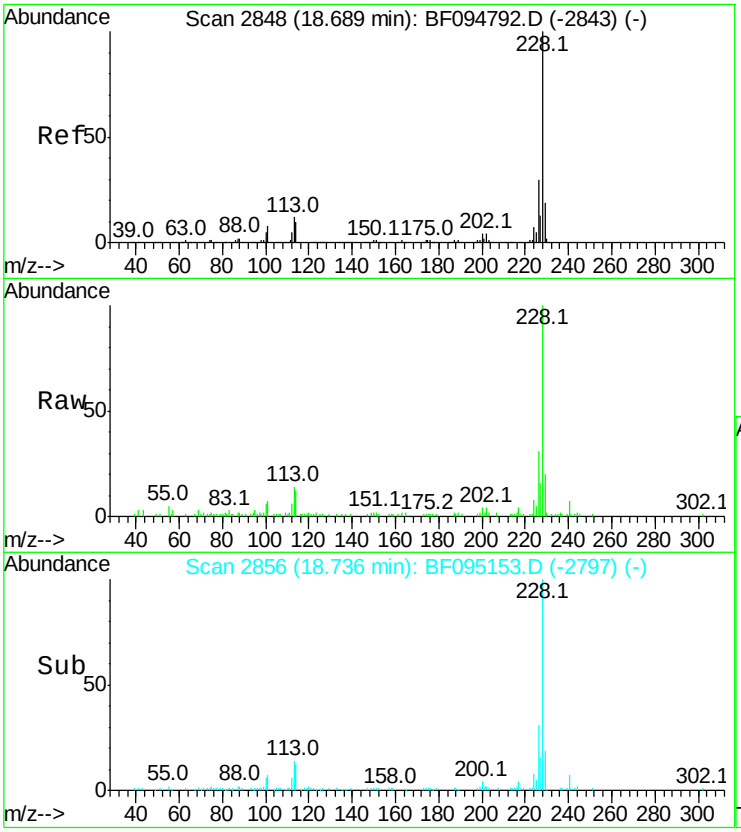


#80
Benzo(a)anthracene
Concen: 6.84 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:228 Resp: 68874

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.3	16.3	24.5



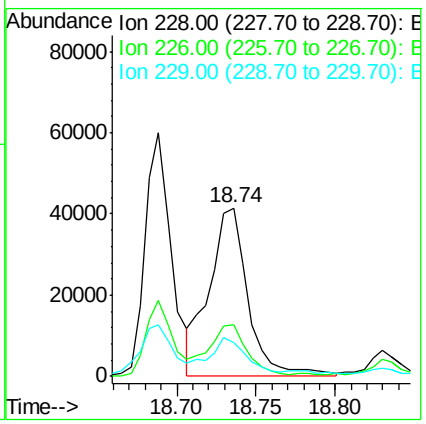


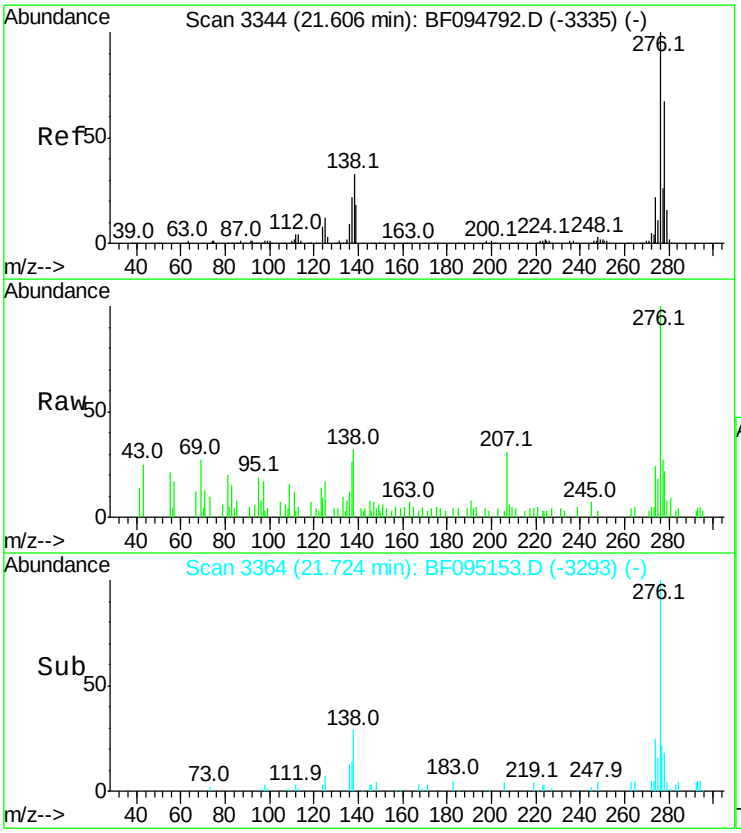
#82
Chrysene
Concen: 7.23 ng
RT: 18.74 min Scan# 2856
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 70349

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.2	15.8	23.6

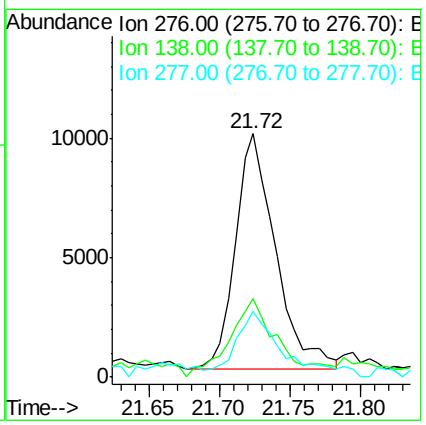


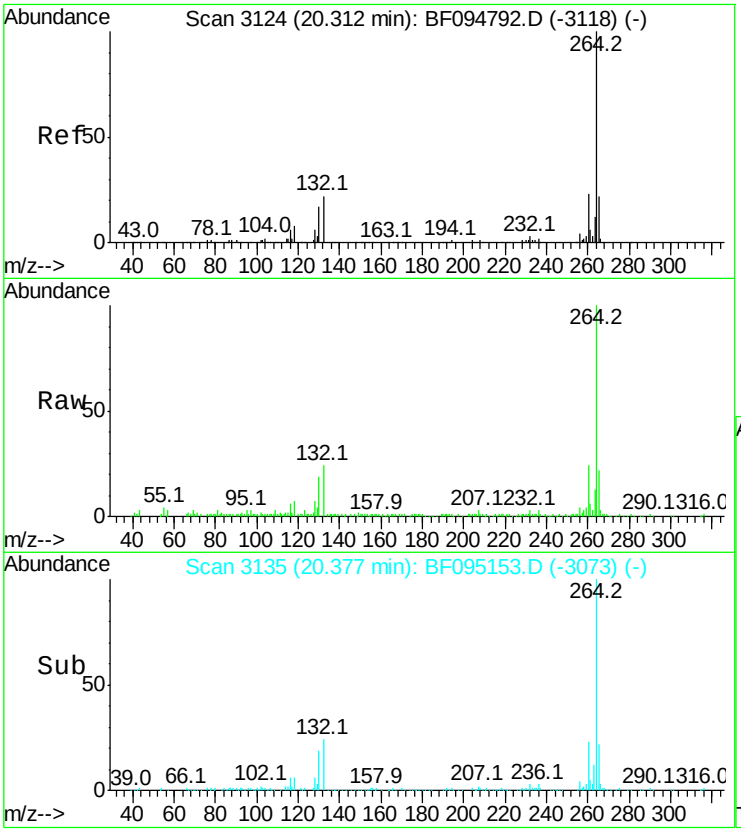


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.48 ng
RT: 21.72 min Scan# 3364
Delta R.T. 0.12 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:276 Resp: 19578

Ion	Ratio	Lower	Upper
276	100		
138	39.6	27.8	41.6
277	33.0	20.2	30.4#



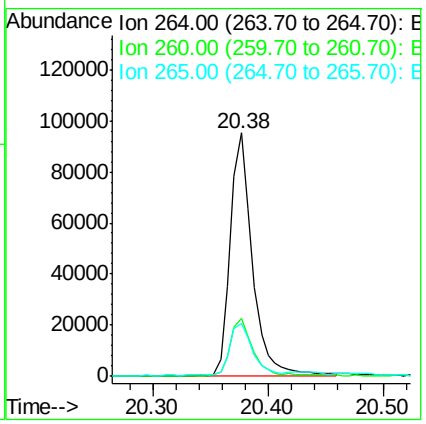


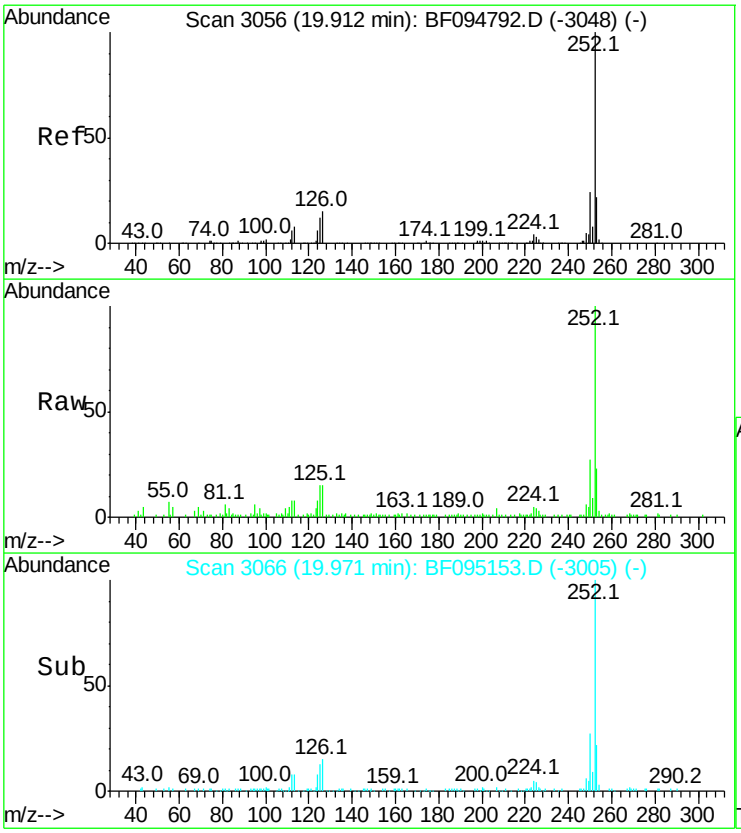
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 128117

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

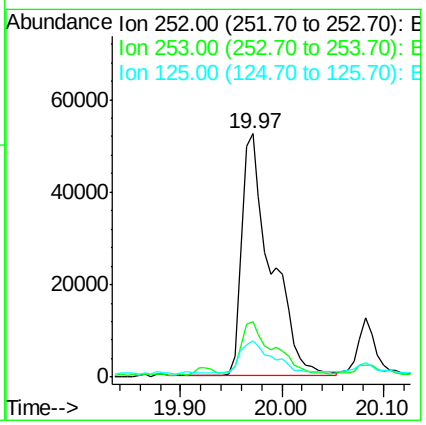


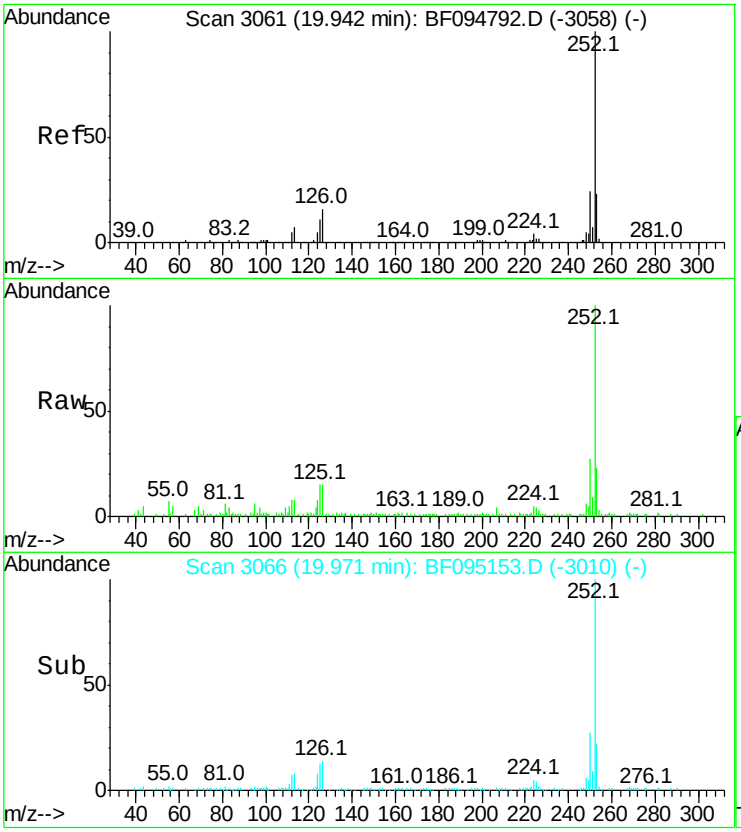


#87
Benzo(b)fluoranthene
Concen: 13.18 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:252 Resp: 104359

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.1	9.8	14.8#



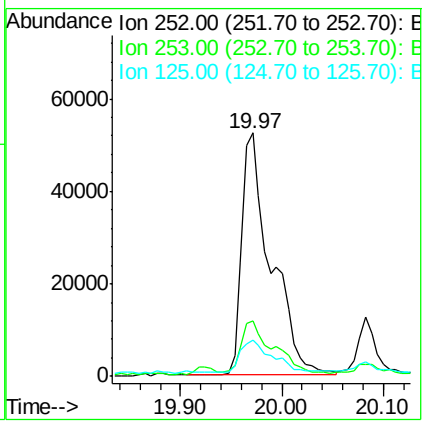


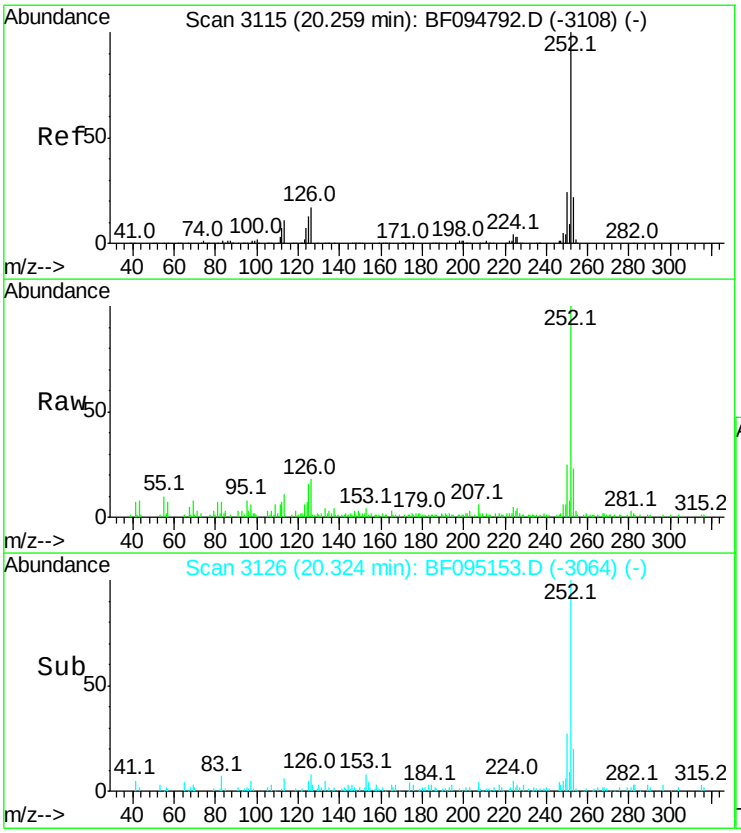
#88
Benzo(k)fluoranthene
Concen: 13.67 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.03 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104359

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	15.1	13.1	19.7

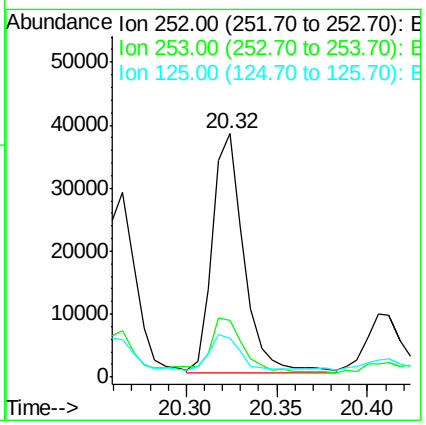


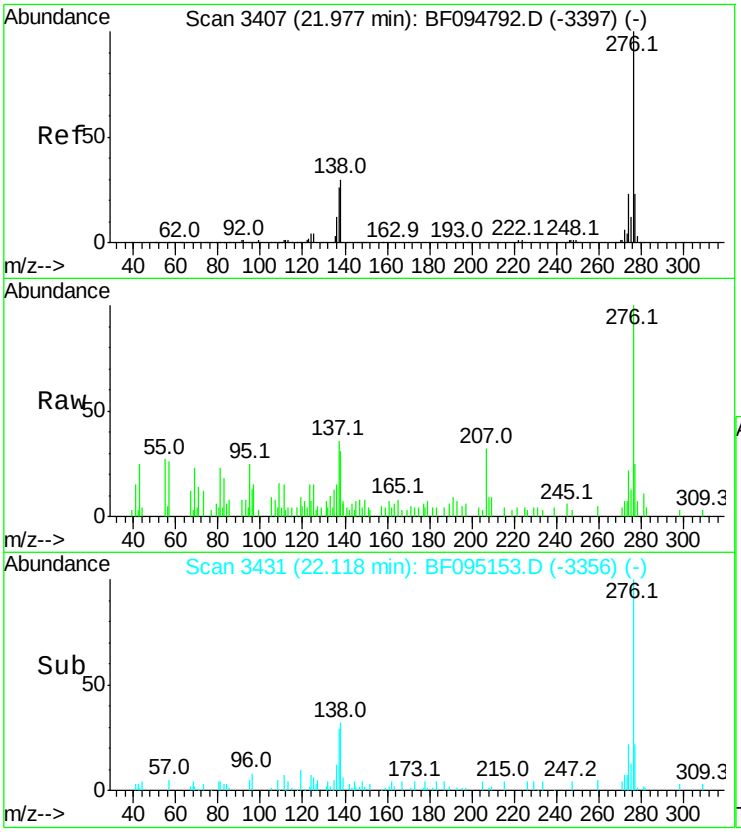


#89
Benzo(a)pyrene
Concen: 6.33 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:252 Resp: 46212

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.02 ng
RT: 22.12 min Scan# 3431
Delta R.T. 0.14 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23814

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	31.0	25.4	38.0