Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097063.D
Acq On : 26 Jul 2017 7:56
Operator : SJ/JU
Sample : I4399-05 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 08:21:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	124196	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	485792	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	200600	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	266803	20.00	ng	0.00
75) Chrysene-d12	13.62	240	231552	20.00	ng	0.00
86) Perylene-d12	14.97	264	162640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	117535	14.27	ng	0.00
7) Phenol-d6	6.16	99	158764	16.88	ng	-0.01
23) Nitrobenzene-d5	7.06	82	76731	9.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	19294	12.17	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	146973	12.43	ng	-0.01
78) Terphenyl-d14	12.58	244	80791	7.11	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.06	82	76731	4.73	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	25859	8.00	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	25859	6.96	ng	# 33
70) Phenanthrene	11.02	178	227409	15.91	ng	97
71) Anthracene	11.07	178	62268	4.25	ng	98
74) Fluoranthene	12.20	202	308483	22.03	ng	99
77) Pyrene	12.43	202	257124	13.56	ng	99
80) Benzo(a)anthracene	13.61	228	133488	8.91	ng	98
82) Chrysene	13.65	228	117779	8.05	ng	97
85) Indeno(1,2,3-cd)pyrene	16.20	276	41572	3.31	ng	98
87) Benzo(b)fluoranthene	14.62	252	145995	14.93	ng	97
88) Benzo(k)fluoranthene	14.62	252	145995	15.67	ng	98
89) Benzo(a)pyrene	14.92	252	83504	9.33	ng	97

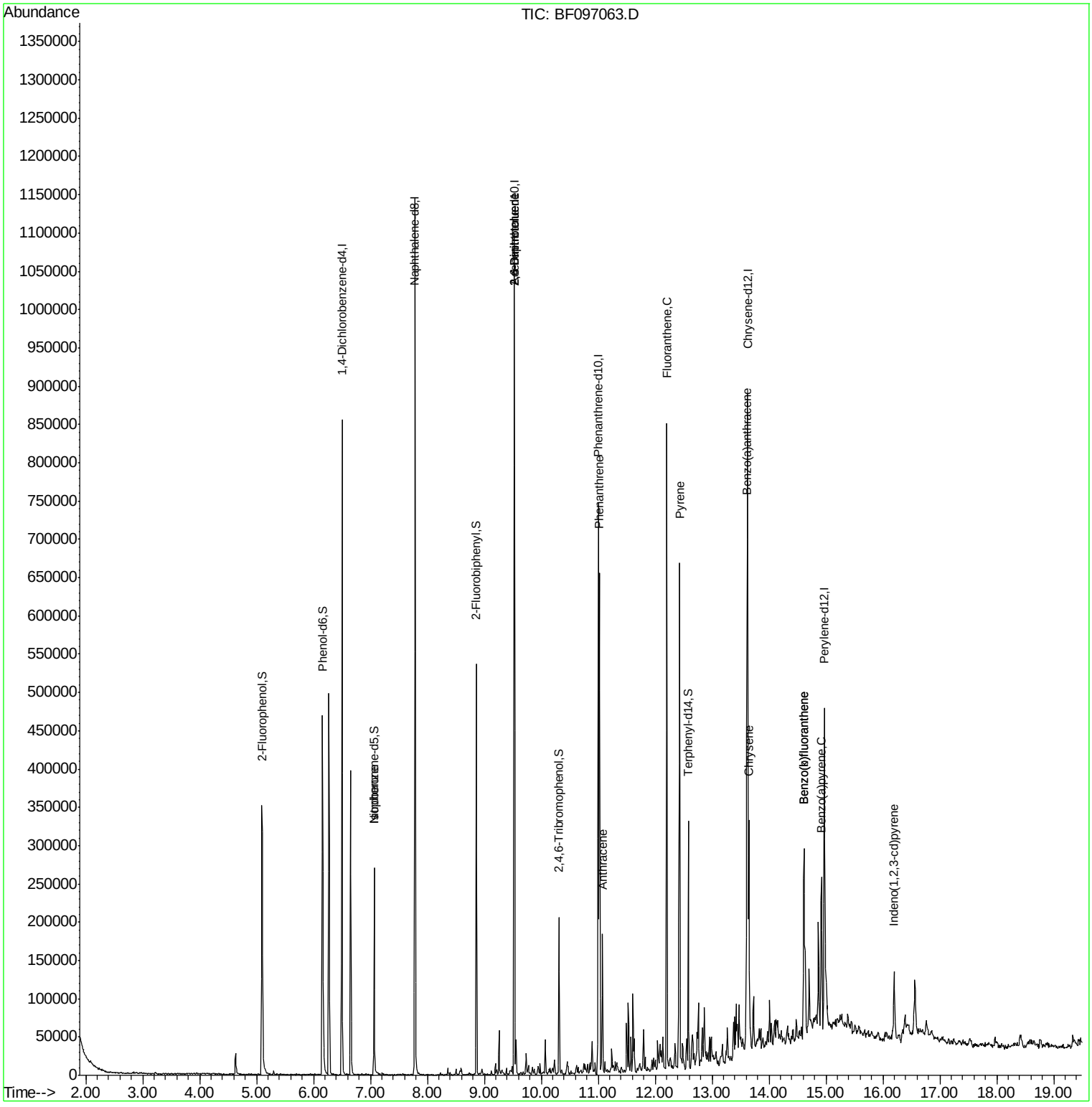
(#) = qualifier out of range (m) = manual integration (+) = signals summed

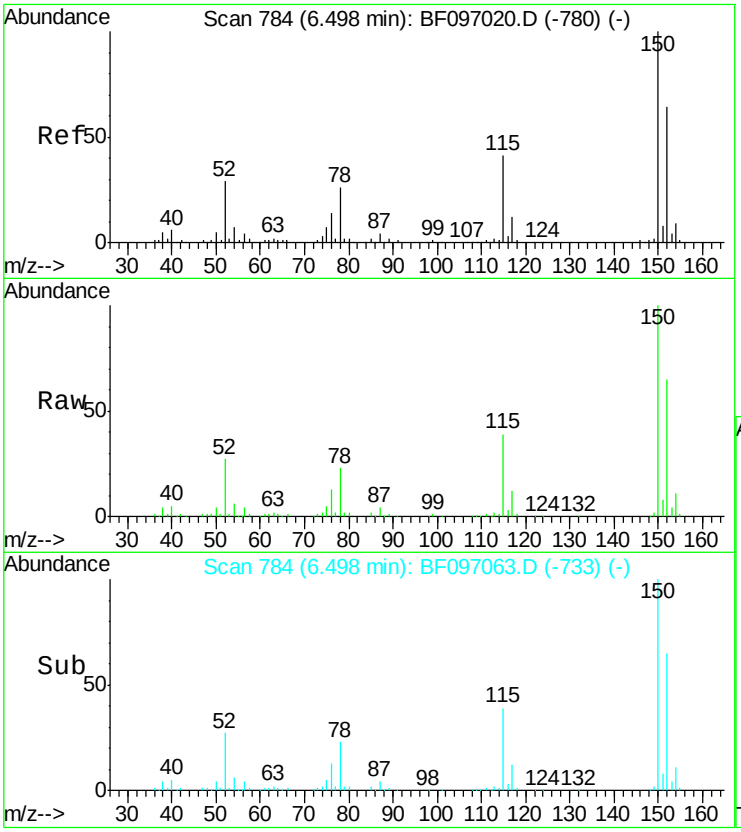
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097063.D
Acq On : 26 Jul 2017 7:56
Operator : SJ/JU
Sample : I4399-05 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 08:21:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



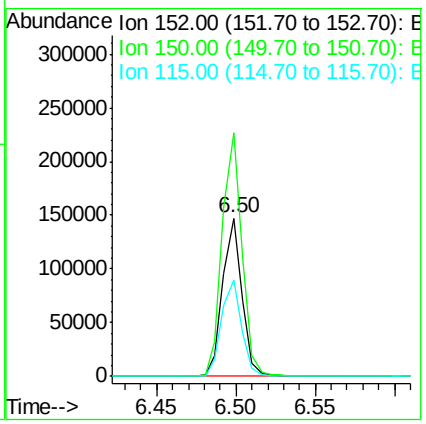


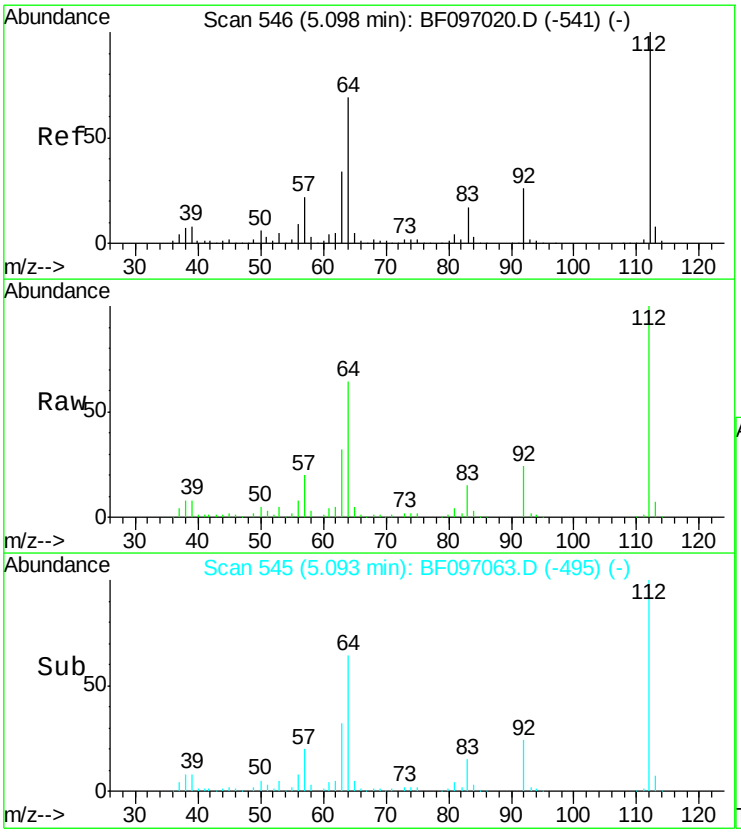
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124196

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	60.6	52.2	78.2

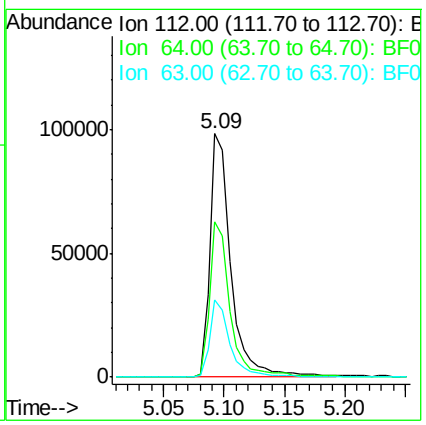


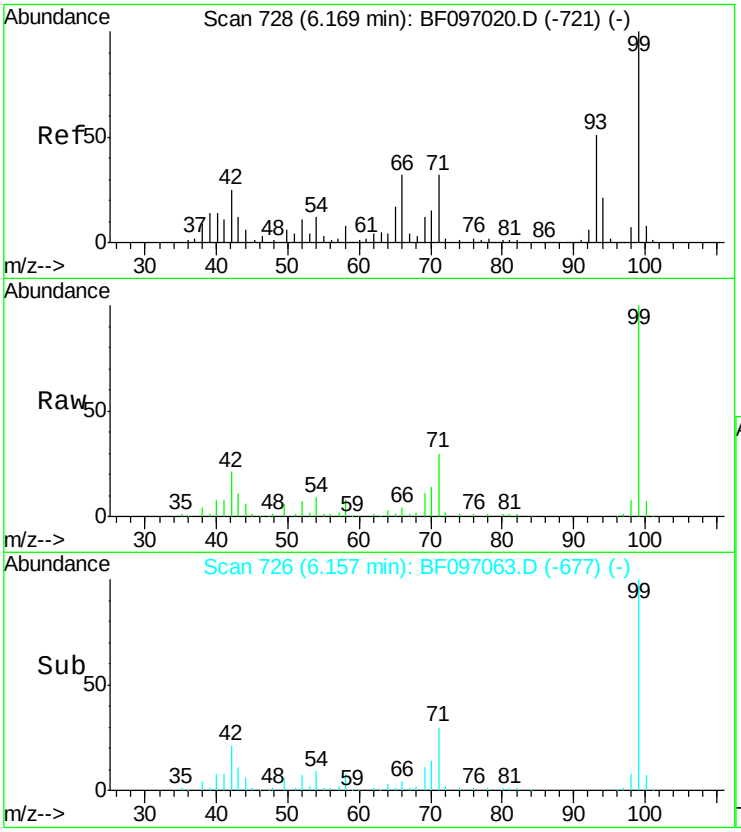


#5
2-Fluorophenol
Concen: 14.27 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:112 Resp: 117535

Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.0	69.0
63	31.6	23.4	35.0



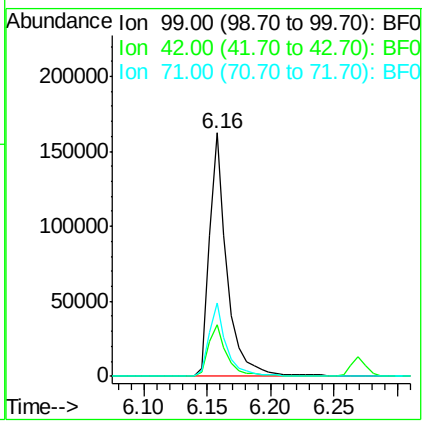


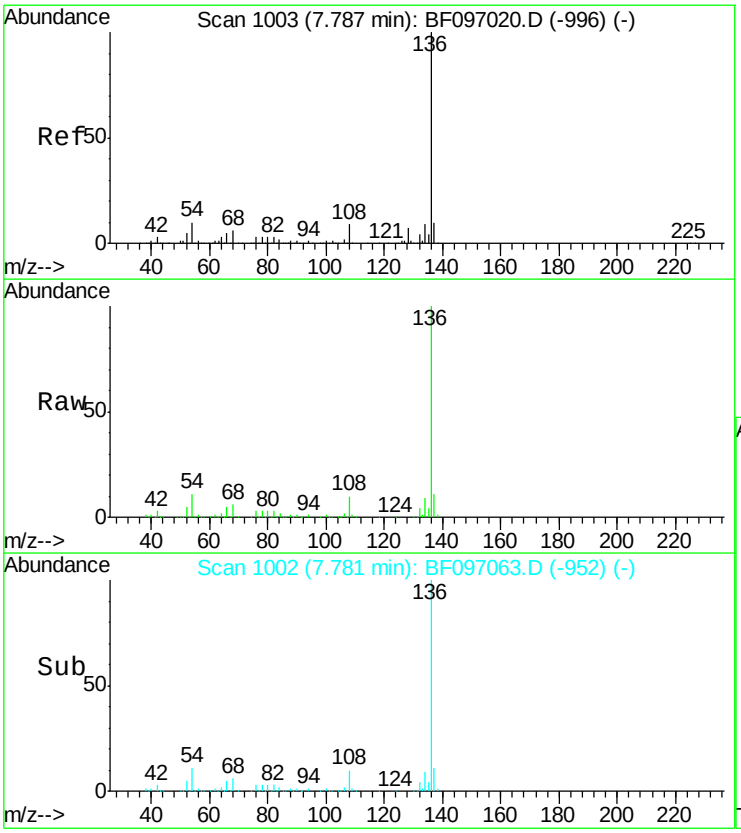
#7
Phenol-d6
Concen: 16.88 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 158764

Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.5	20.3#
71	30.4	24.5	36.7

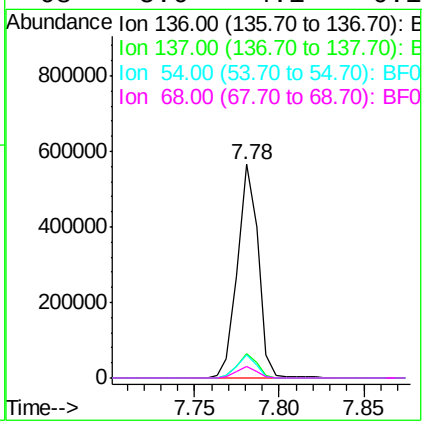


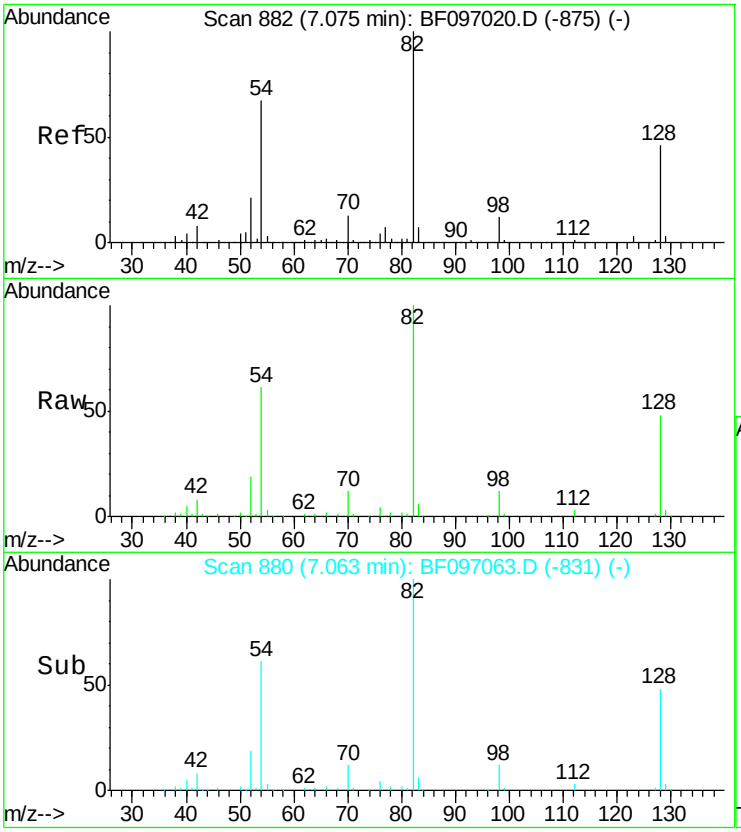


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:136 Resp: 485792

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.6	4.9	7.3#
68	5.6	4.1	6.1



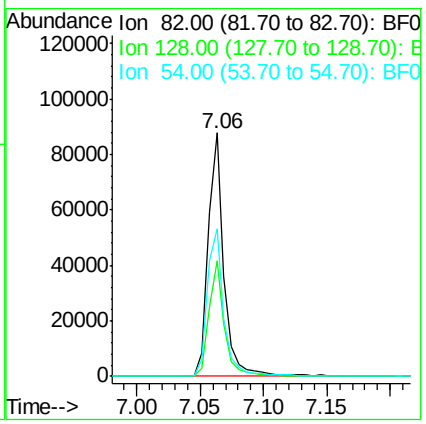


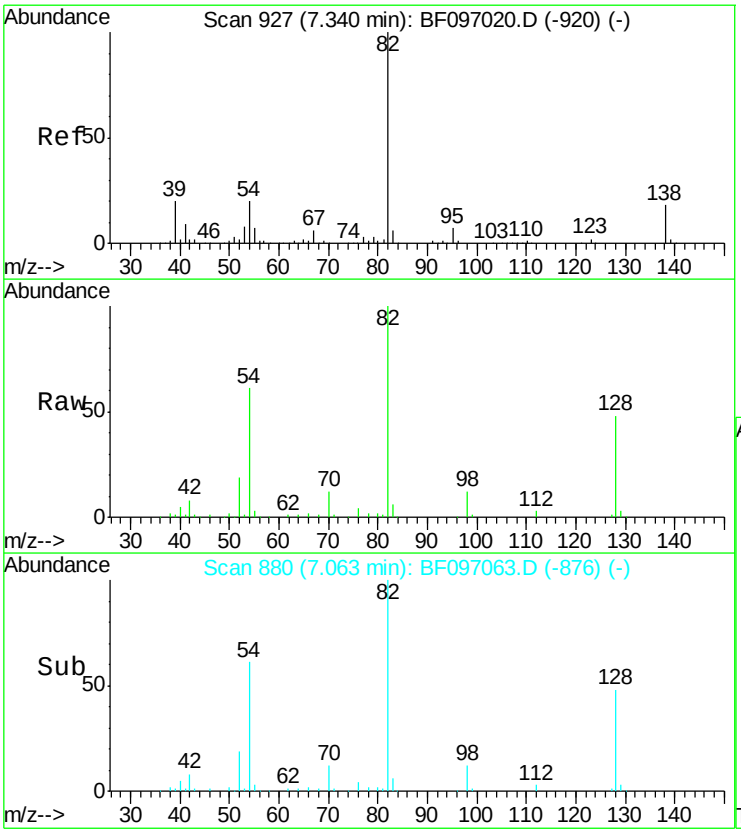
#23
Nitrobenzene-d5
Concen: 9.27 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 76731

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	60.6	42.2	63.2

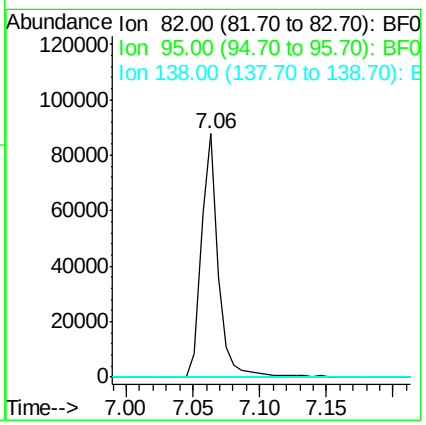


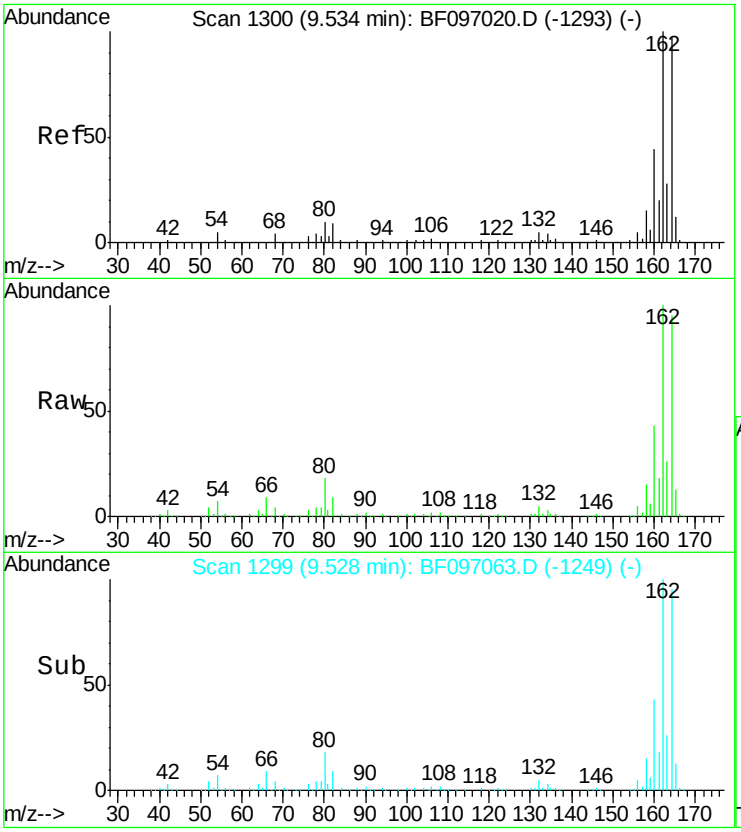


#25
Isophorone
Concen: 4.73 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion: 82 Resp: 76731

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



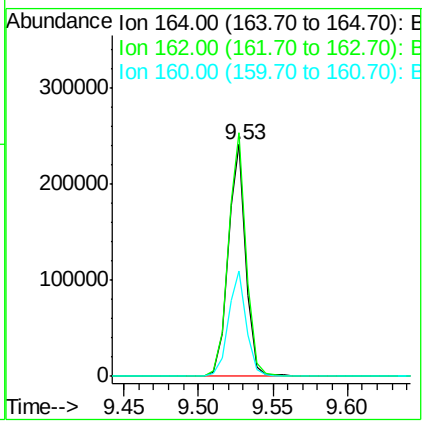


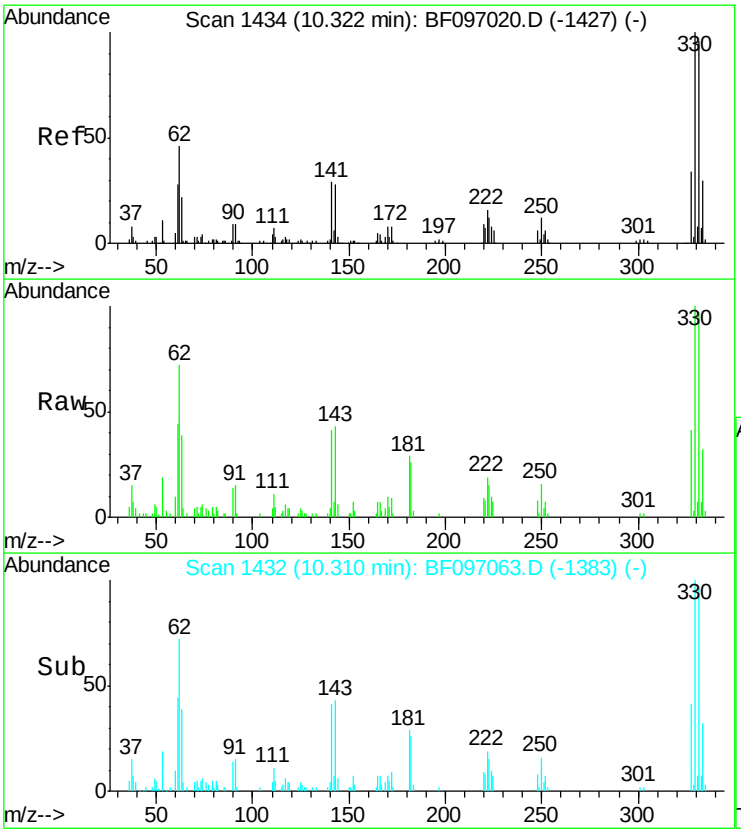
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 200600

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.4	36.2	54.2

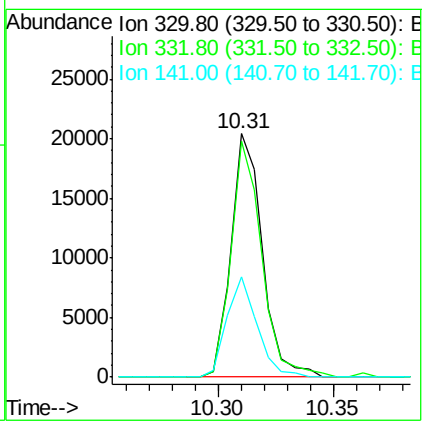


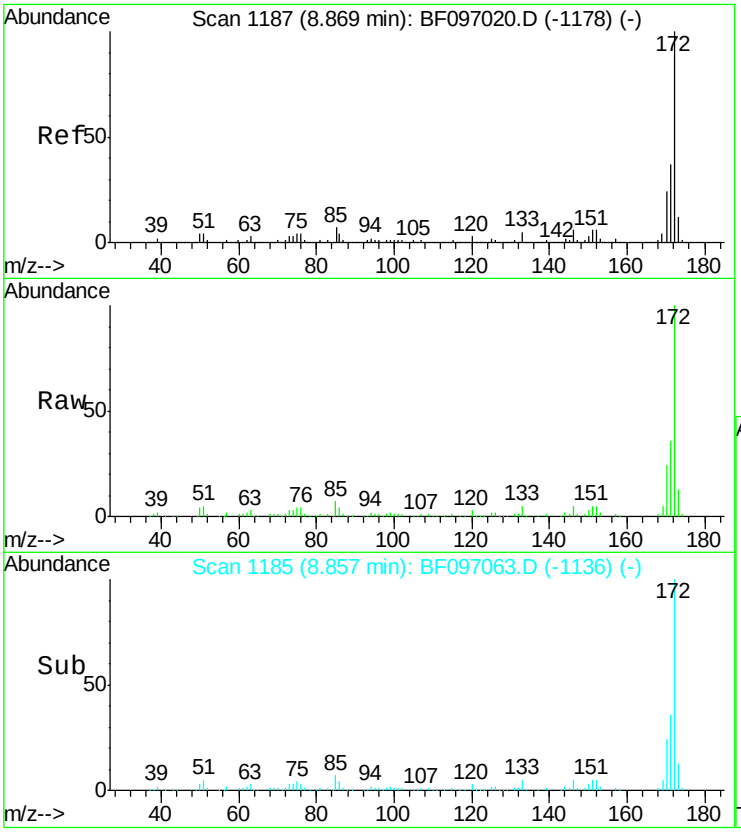


#41
2,4,6-Tribromophenol
Concen: 12.17 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:330 Resp: 19294

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.9	31.4	47.2



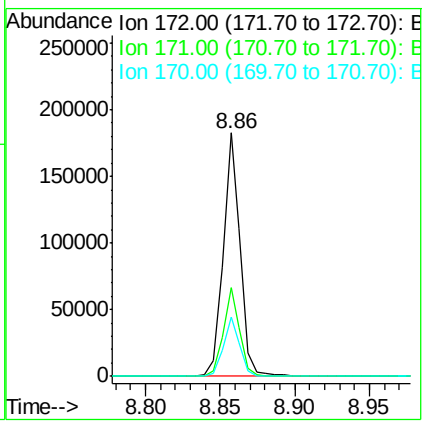


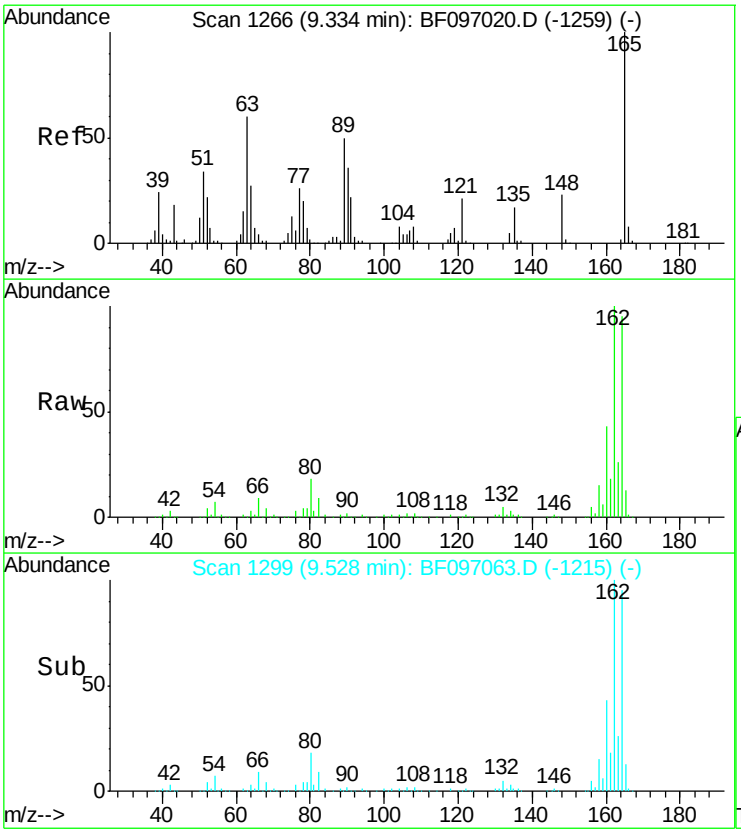
#44
2-Fluorobiphenyl
Concen: 12.43 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 146973

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

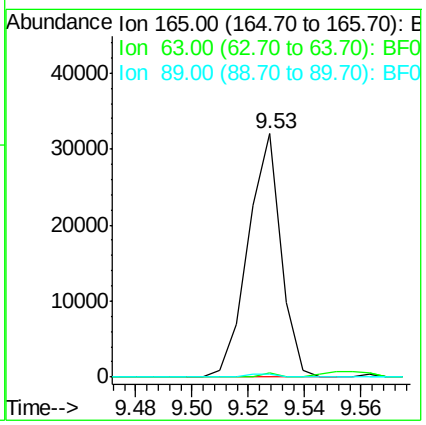


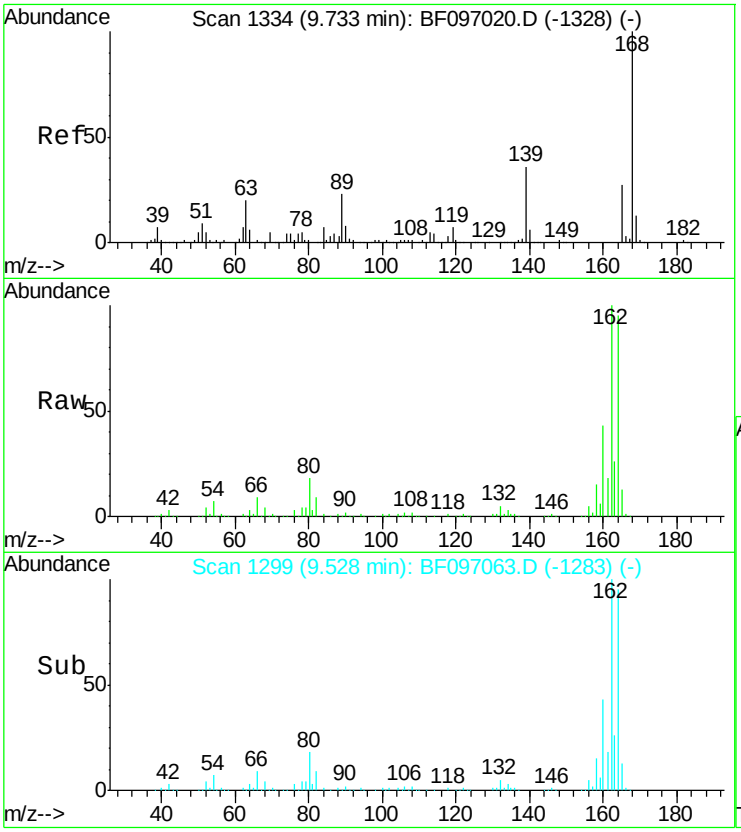


#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:165 Resp: 25859

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.5	37.1	55.7#



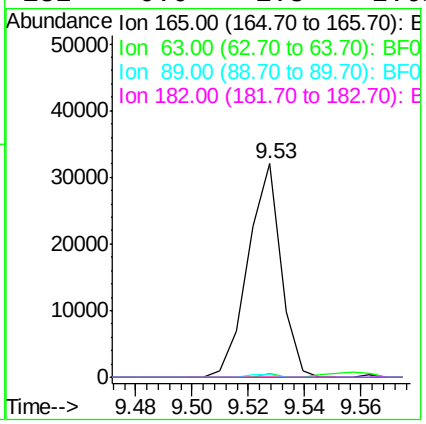


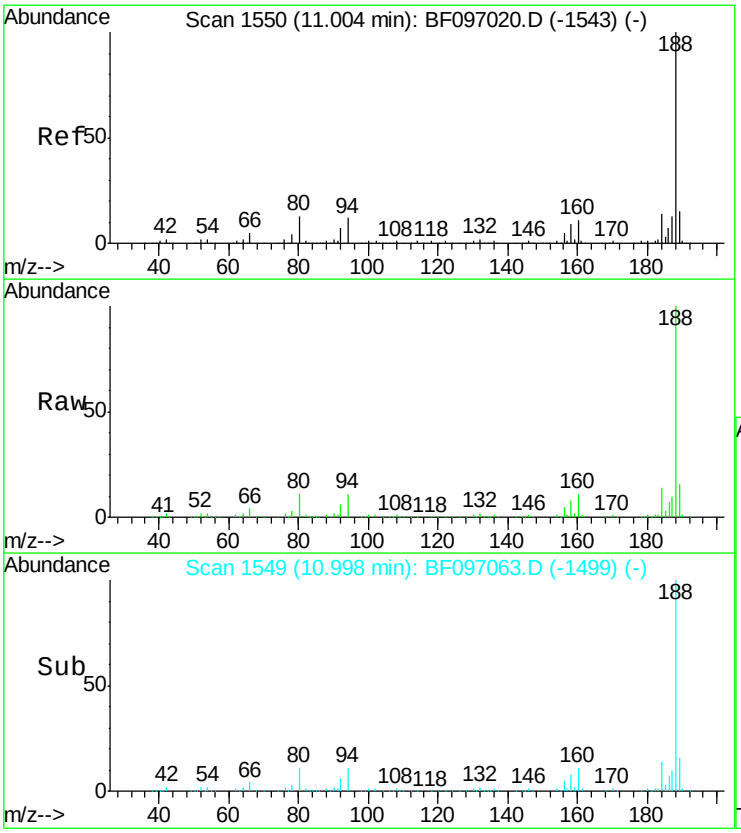
#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25859

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

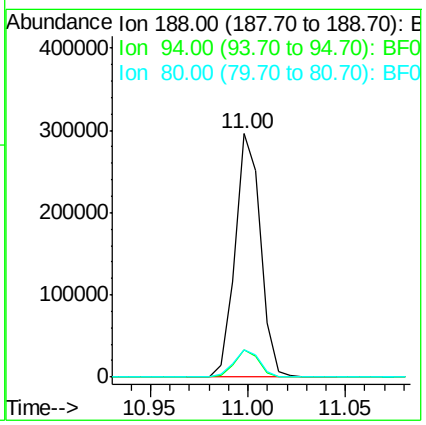


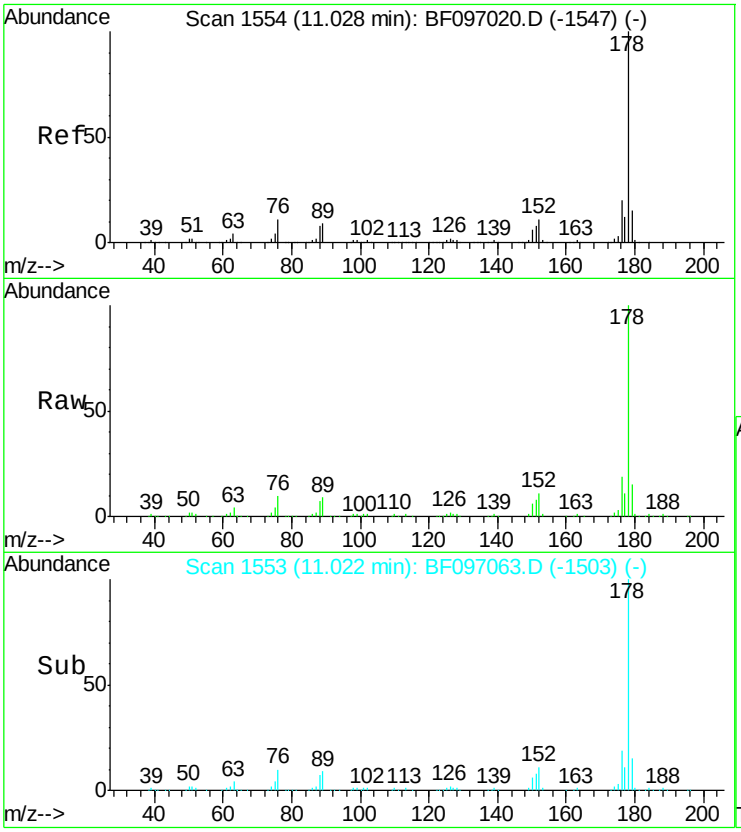


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:188 Resp: 266803

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.4	10.2	15.2



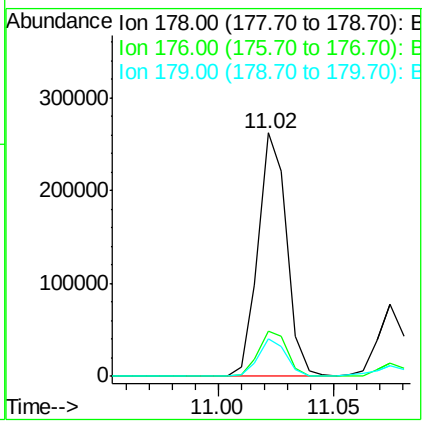


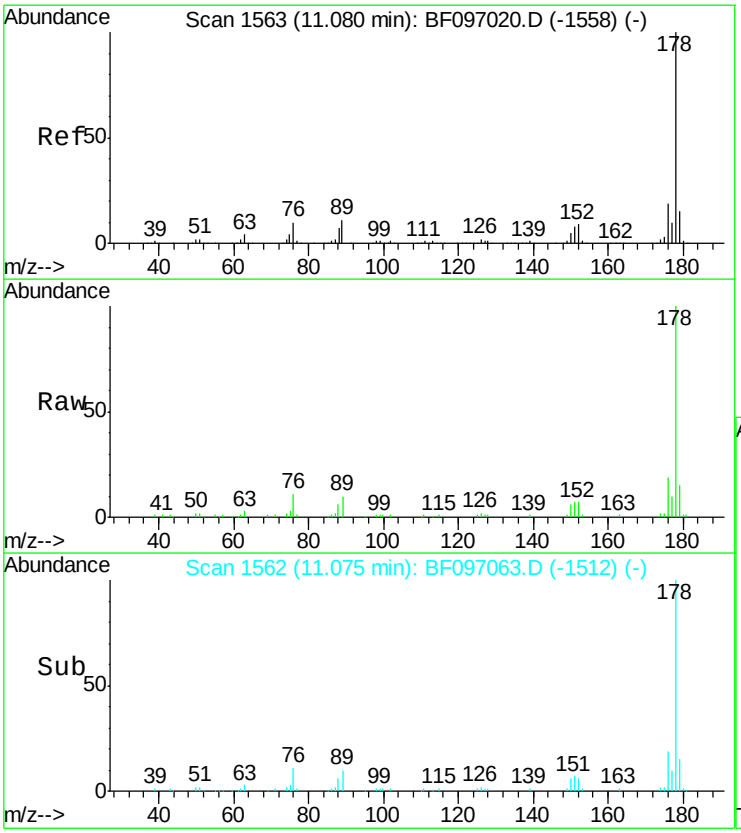
#70
Phenanthrene
Concen: 15.91 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 227409

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0

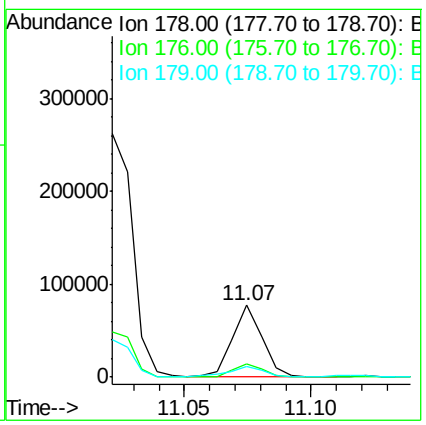


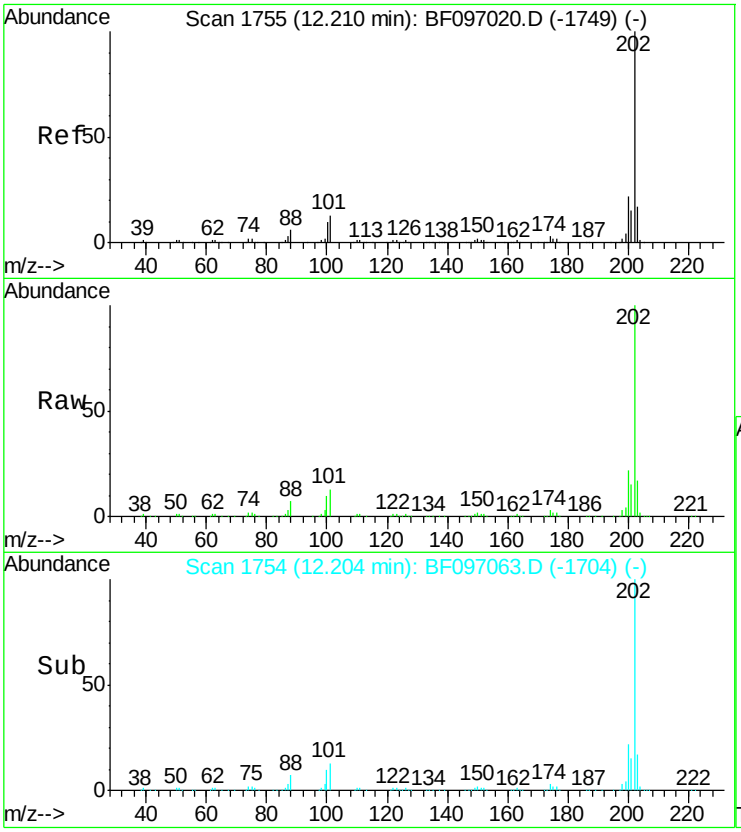


#71
Anthracene
Concen: 4.25 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:178 Resp: 62268

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	12.7	19.1



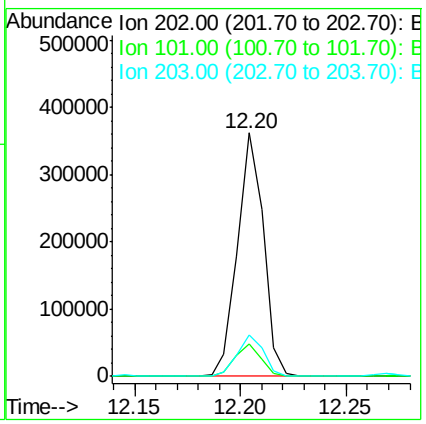


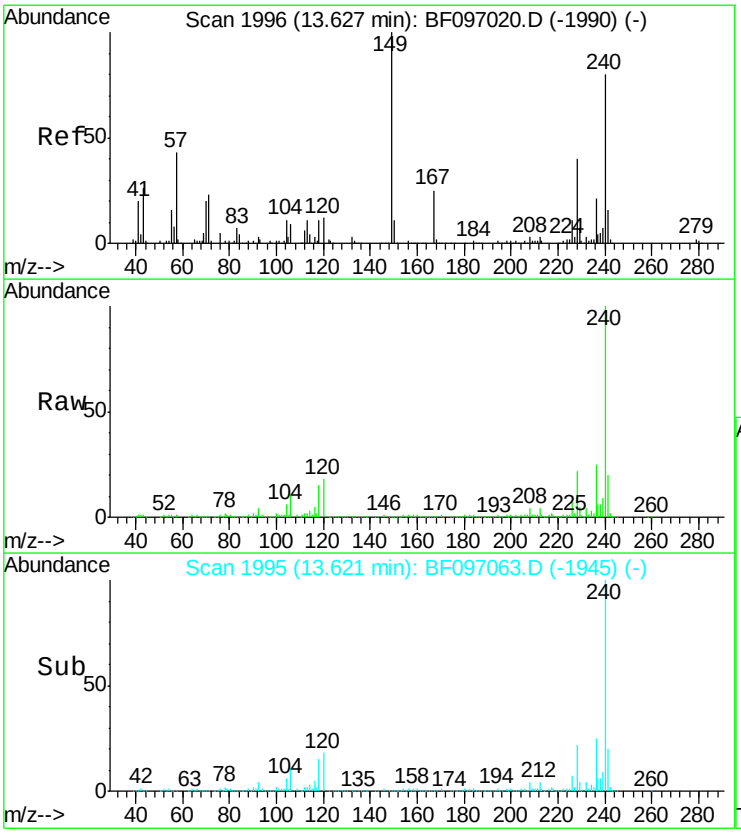
#74
Fluoranthene
Concen: 22.03 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 308483

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.2	0.0	38.1

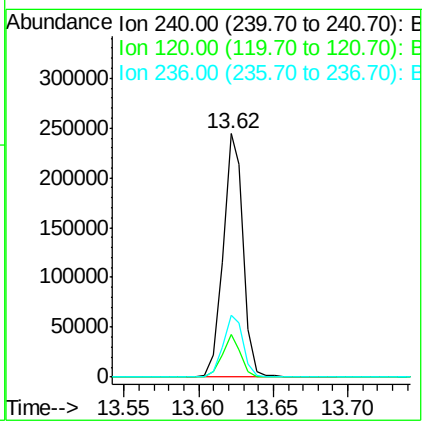


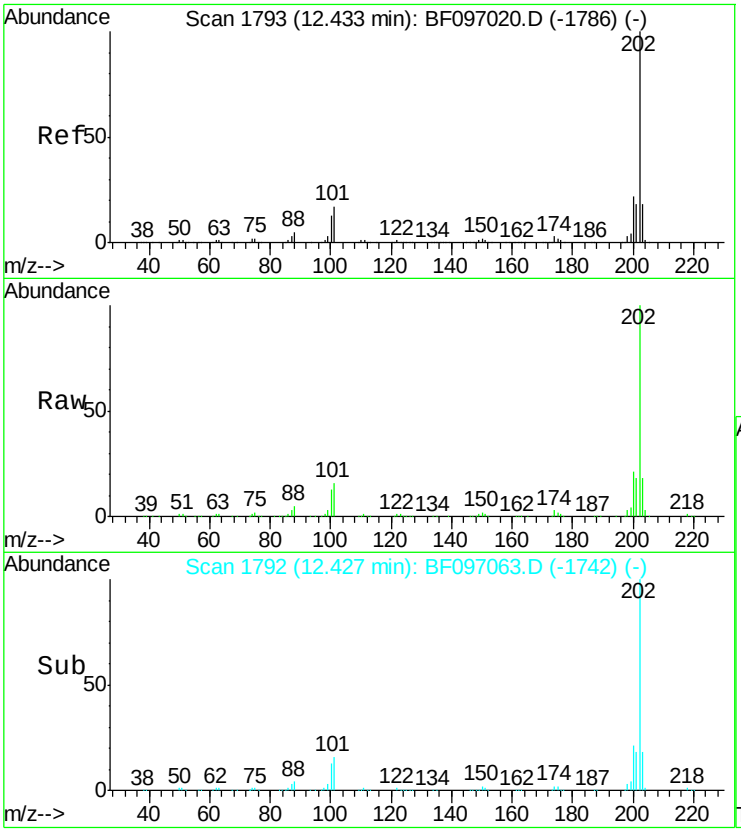


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:240 Resp: 231552

Ion	Ratio	Lower	Upper
240	100		
120	17.5	5.8	8.8#
236	25.4	20.5	30.7



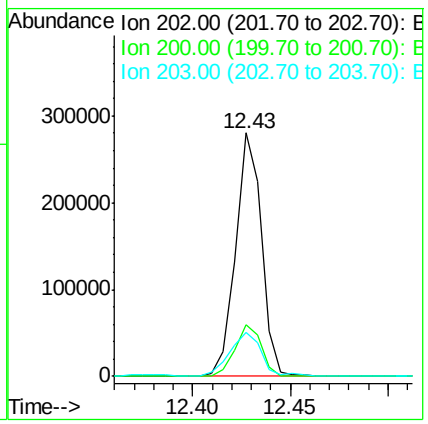


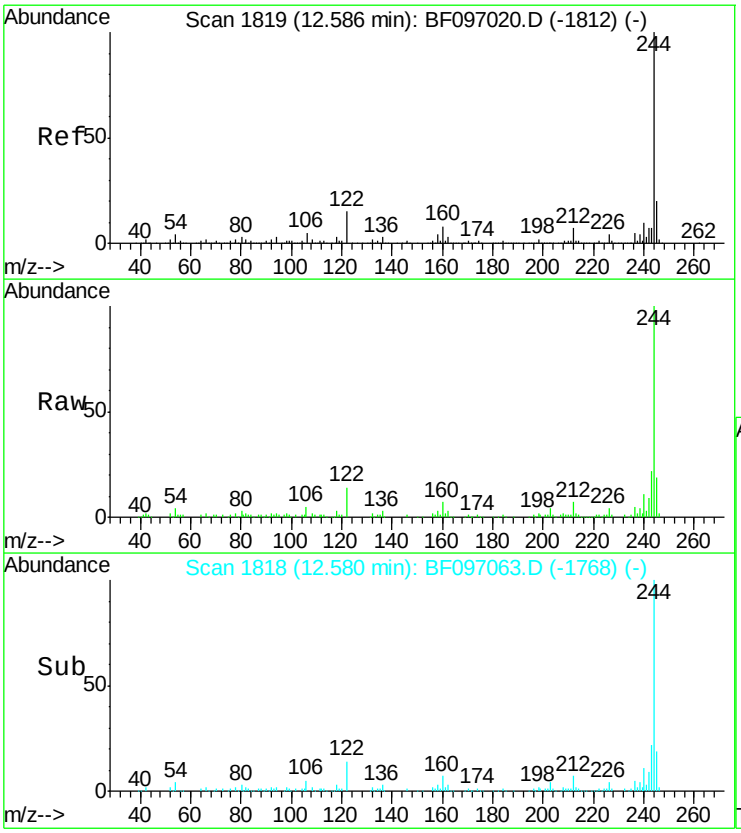
#77
Pyrene
Concen: 13.56 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 257124

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.2	14.4	21.6

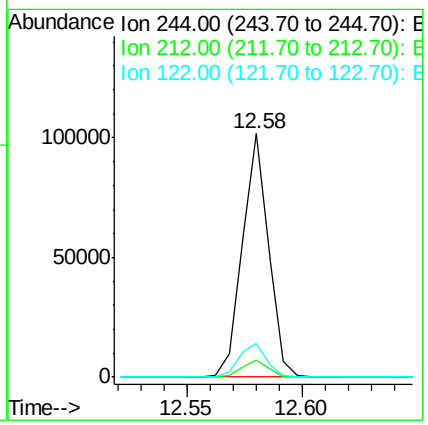


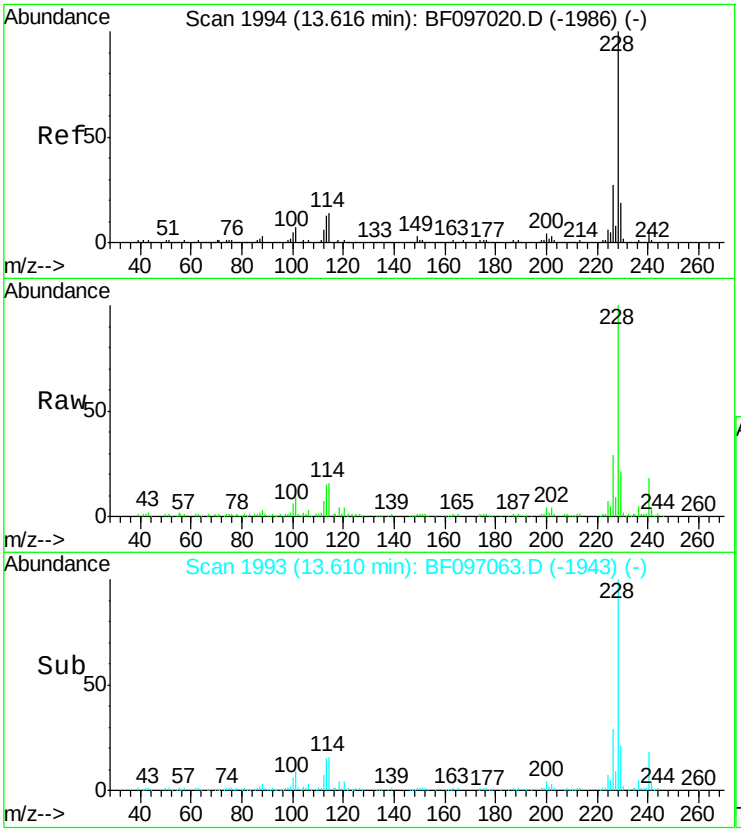


#78
Terphenyl-d14
Concen: 7.11 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:244 Resp: 80791

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.9	10.3	15.5



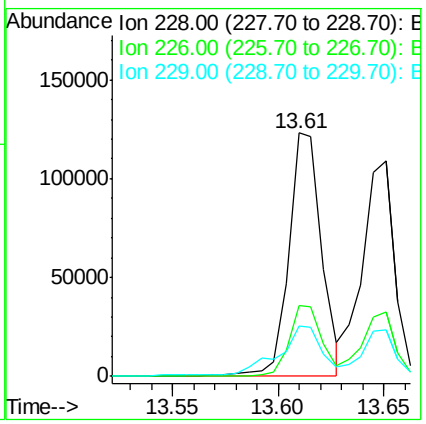


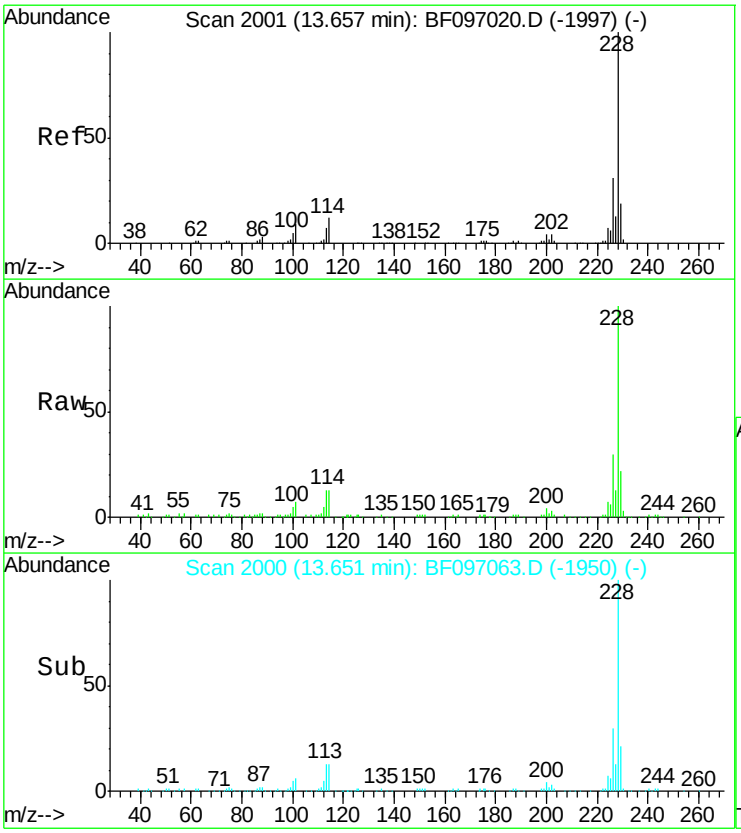
#80
Benzo(a)anthracene
Concen: 8.91 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 133488

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.8	16.3	24.5

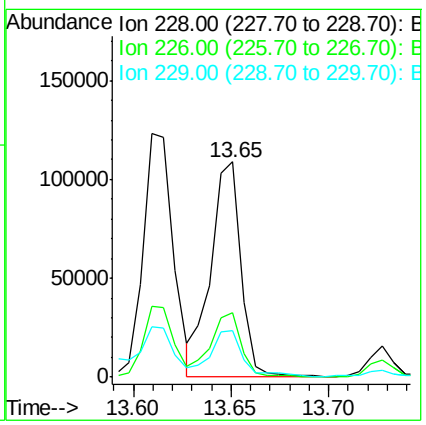


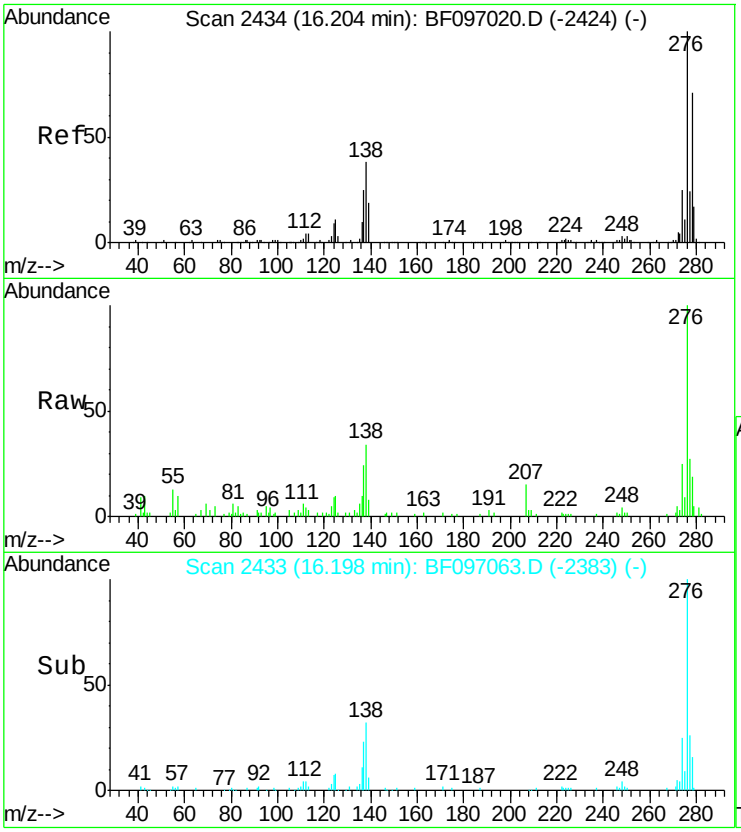


#82
Chrysene
Concen: 8.05 ng
RT: 13.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:228 Resp: 117779

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.7	15.8	23.6



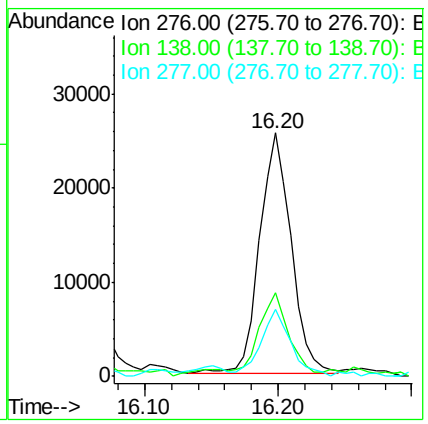


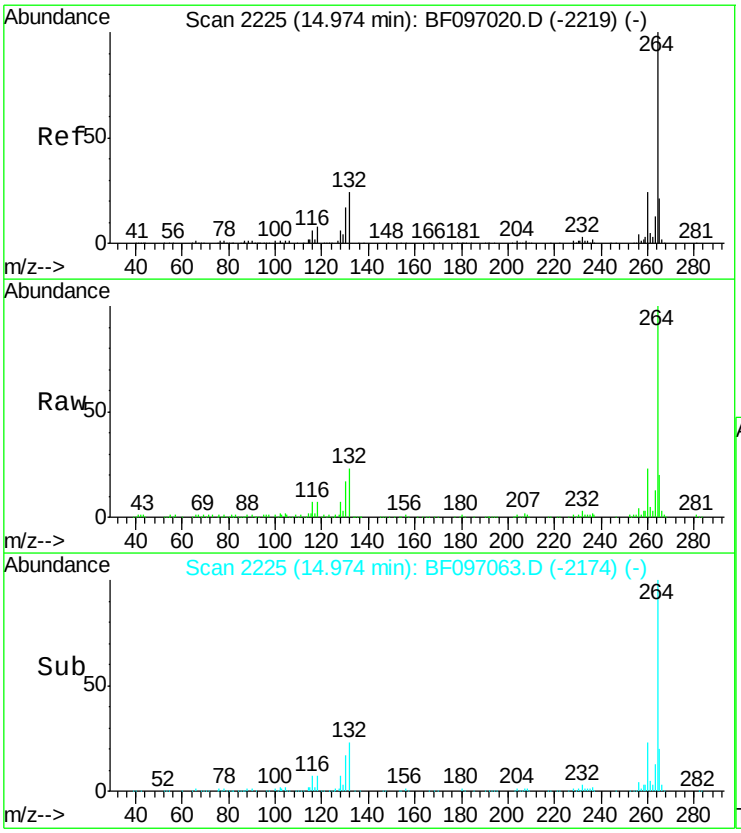
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.31 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 41572

Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	26.3	20.2	30.4

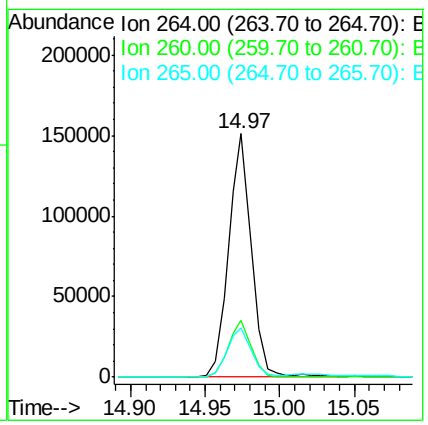


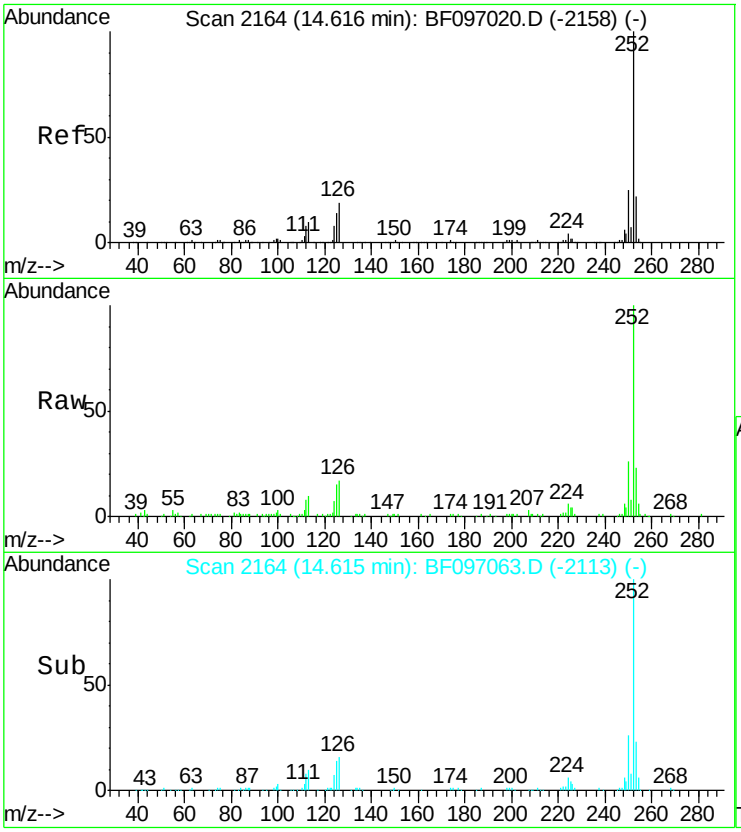


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:264 Resp: 162640

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.3	17.2	25.8



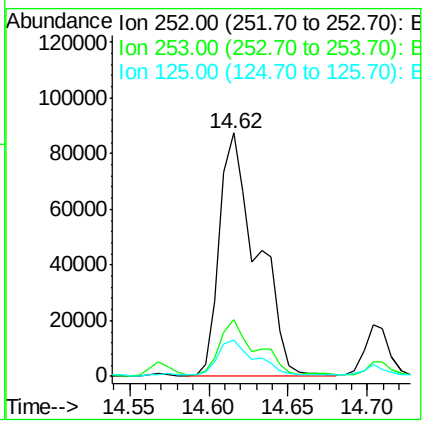


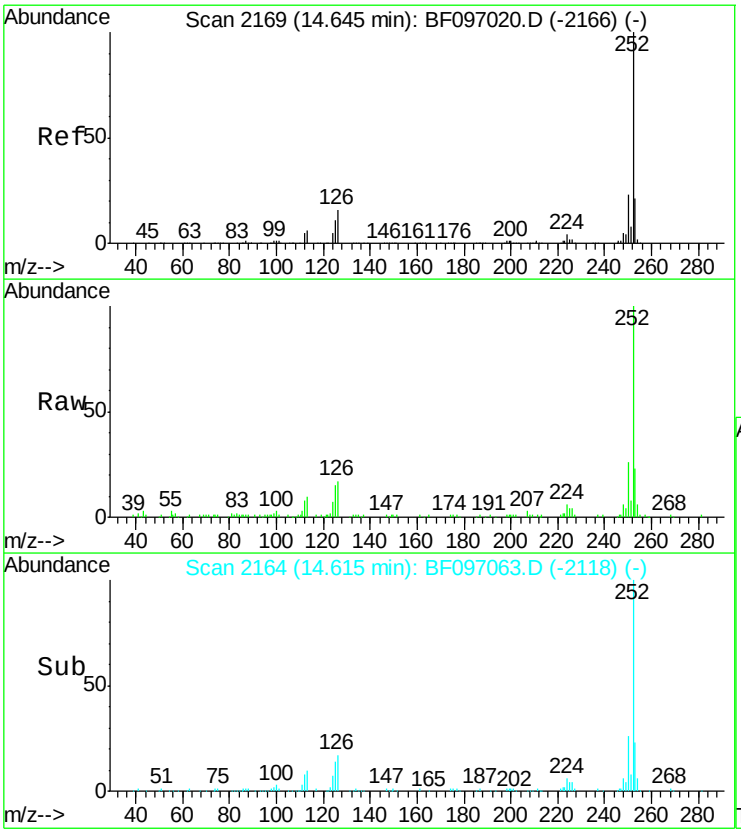
#87
Benzo(b)fluoranthene
Concen: 14.93 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 145995

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	14.7	9.8	14.8

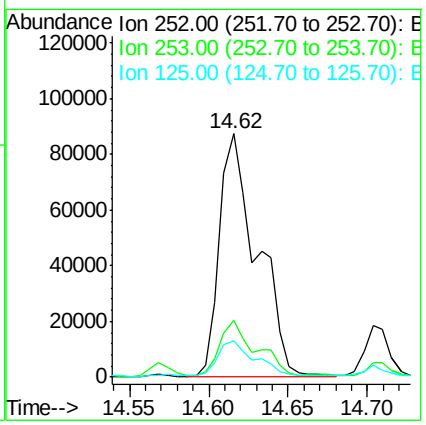


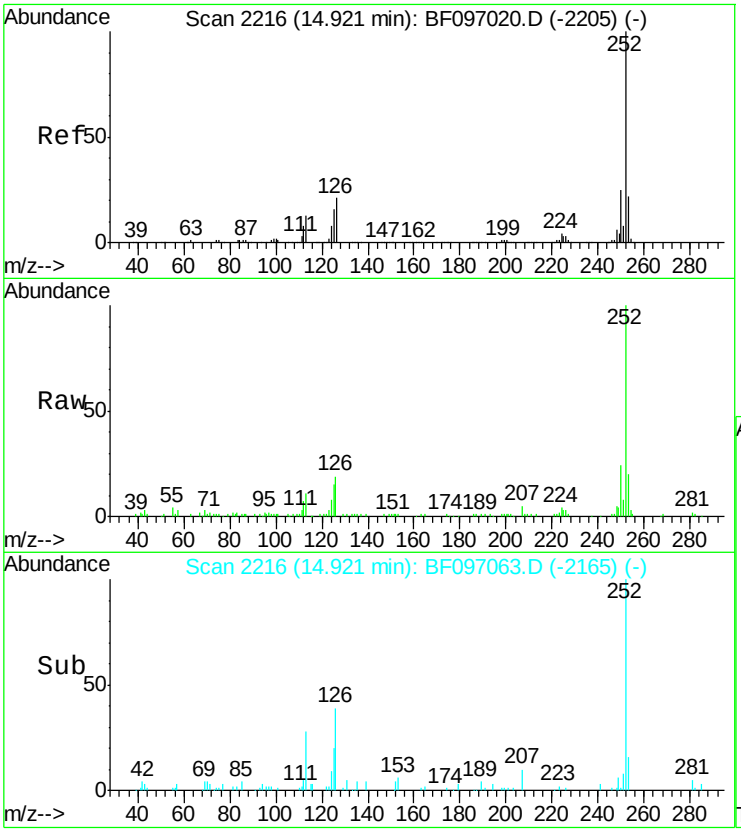


#88
Benzo(k)fluoranthene
Concen: 15.67 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Tgt Ion:252 Resp: 145995

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	14.7	13.1	19.7





#89
Benzo(a)pyrene
Concen: 9.33 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097063.D
Acq: 26 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83504

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.5	26.3
125	14.8	11.0	16.4