Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097659.D
Acq On : 13 Aug 2017 6:47
Operator : SJ/JU
Sample : I4697-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-F10-ESWDL

Quant Time: Aug 14 05:27:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	118372	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	502487	20.00	ng		-0.01
38) Acenaphthene-d10	12.35	164	191817	20.00	ng		-0.02
63) Phenanthrene-d10	14.75	188	272562	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	196830	20.00	ng		-0.01
86) Perylene-d12	20.12	264	186232	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	152902	20.53	ng		0.04
7) Phenol-d6	7.09	99	173682	18.80	ng		0.04
23) Nitrobenzene-d5	8.42	82	106946	13.35	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	22398	15.36	ng		0.00
44) 2-Fluorobiphenyl	11.30	172	157939	12.43	ng		-0.02
78) Terphenyl-d14	17.10	244	92429	9.72	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.42	70	13060	2.03	ng	#	86
50) 2,6-Dinitrotoluene	12.35	165	23424	7.67	ng	#	33
55) 4-Nitrophenol	12.72	139	3415	2.24	ng	#	25
70) Phenanthrene	14.79	178	136691	8.71	ng		97
71) Anthracene	14.88	178	41792	2.60	ng		96
74) Fluoranthene	16.55	202	222132	15.66	ng		97
77) Pyrene	16.86	202	204771	12.58	ng		97
80) Benzo(a)anthracene	18.43	228	113487	9.87	ng		98
82) Chrysene	18.48	228	113764	9.95	ng		98
85) Indeno(1,2,3-cd)pyrene	21.34	276	51885	5.83	ng		98
87) Benzo(b)fluoranthene	19.72	252	158152	14.14	ng		97
88) Benzo(k)fluoranthene	19.72	252	158152	14.04	ng		97
89) Benzo(a)pyrene	20.06	252	102139	9.95	ng	#	94
91) Benzo(g,h,i)perylene	21.69	276	49175	6.10	ng		93

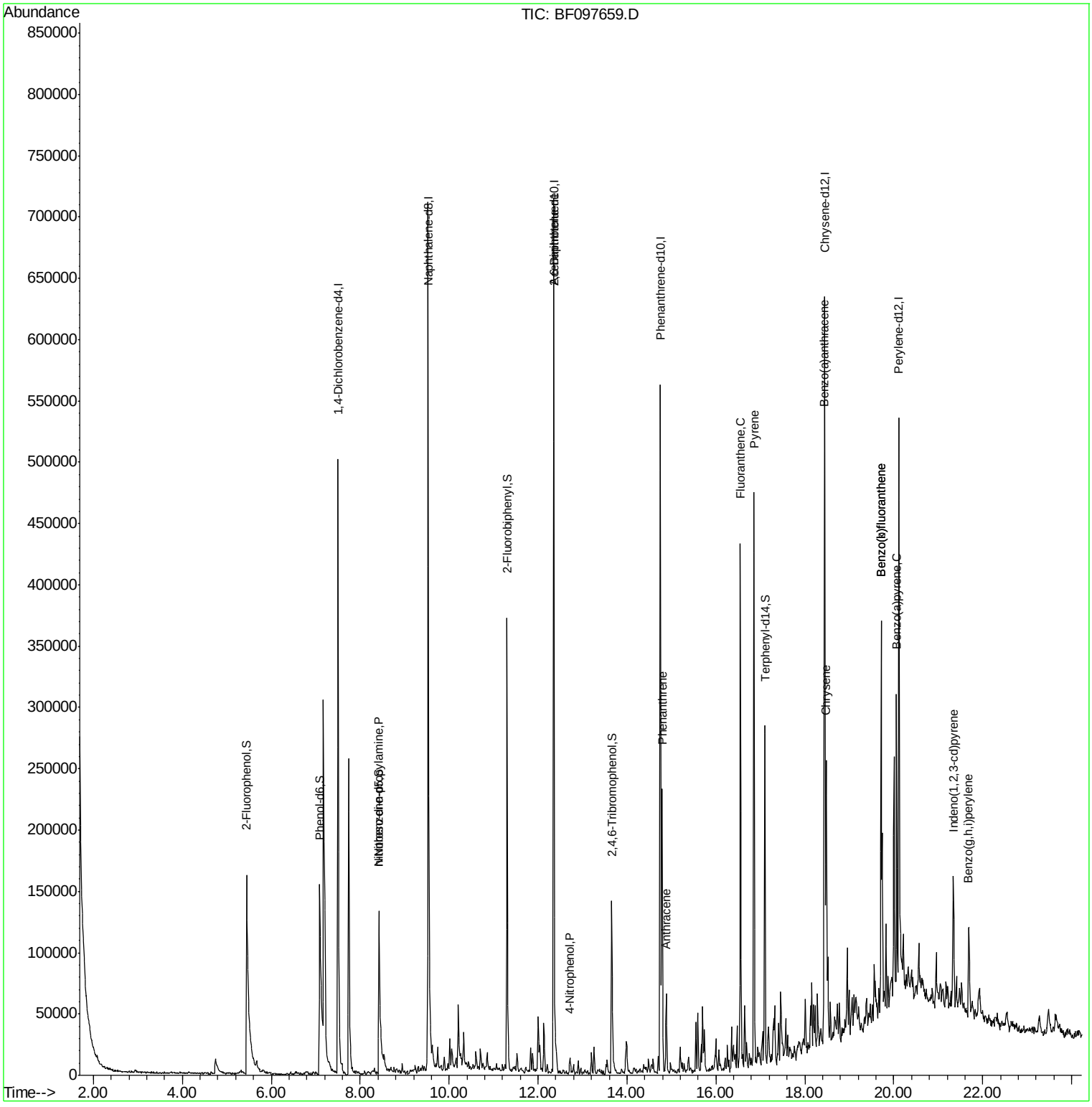
(#) = qualifier out of range (m) = manual integration (+) = signals summed

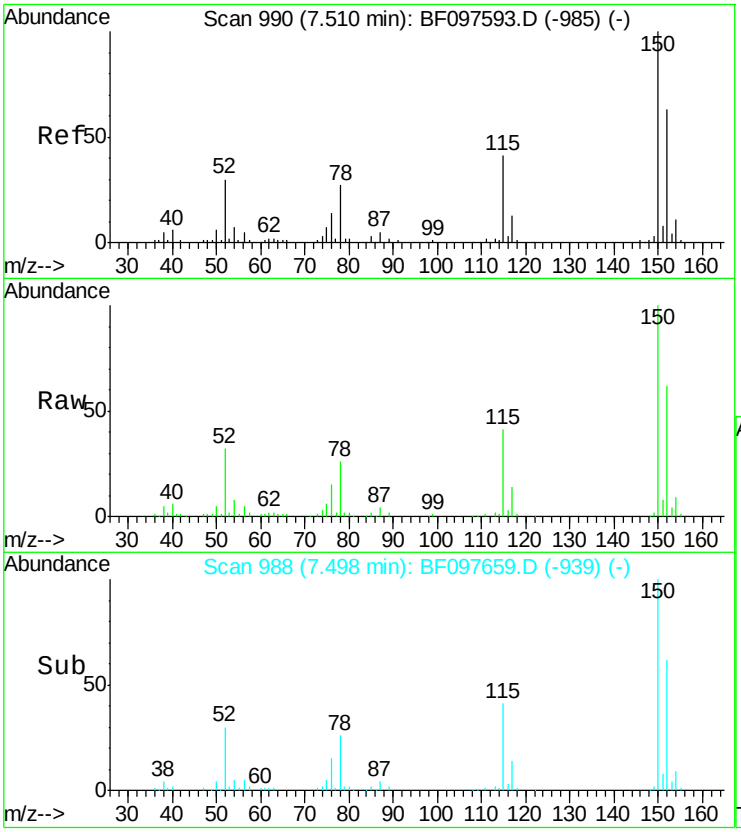
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097659.D
Acq On : 13 Aug 2017 6:47
Operator : SJ/JU
Sample : I4697-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Quant Time: Aug 14 05:27:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



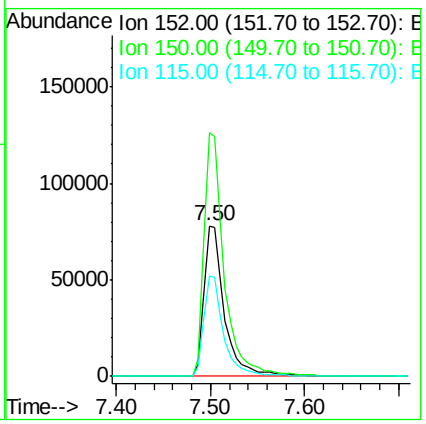


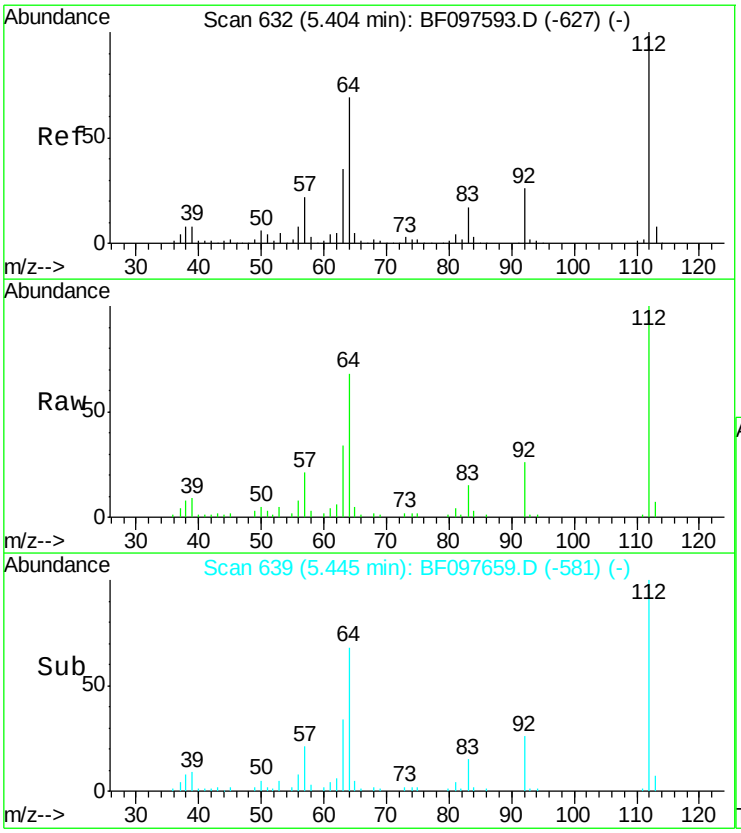
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:152 Resp: 118372

Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	66.4	52.2	78.2

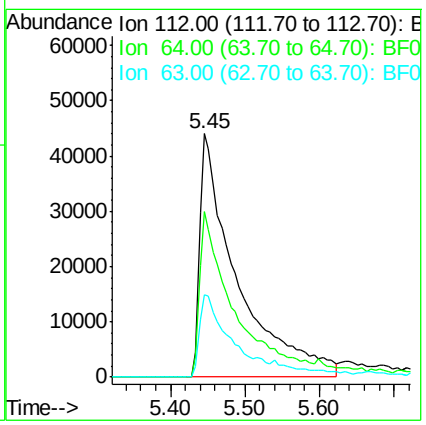


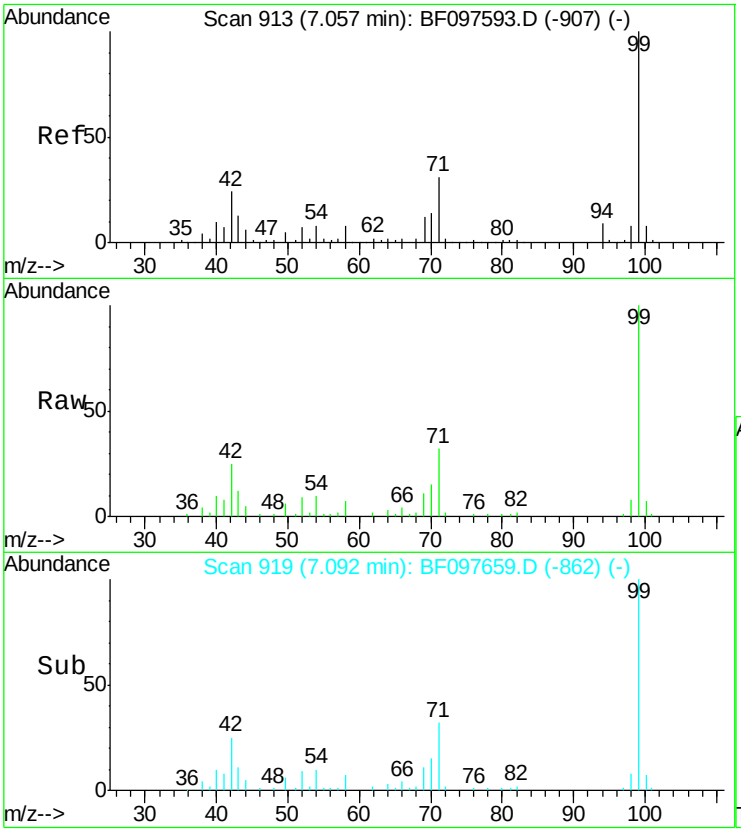


#5
2-Fluorophenol
Concen: 20.53 ng
RT: 5.45 min Scan# 639
Delta R.T. 0.04 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:112 Resp: 152902

Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.0	69.0
63	33.8	23.4	35.0



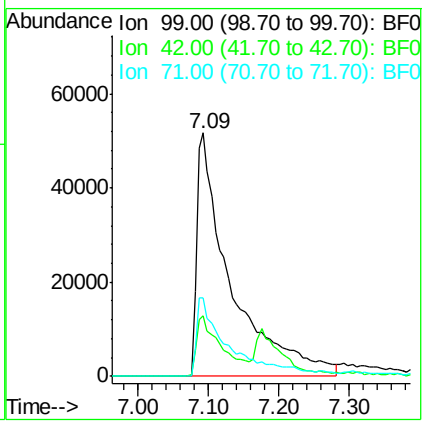


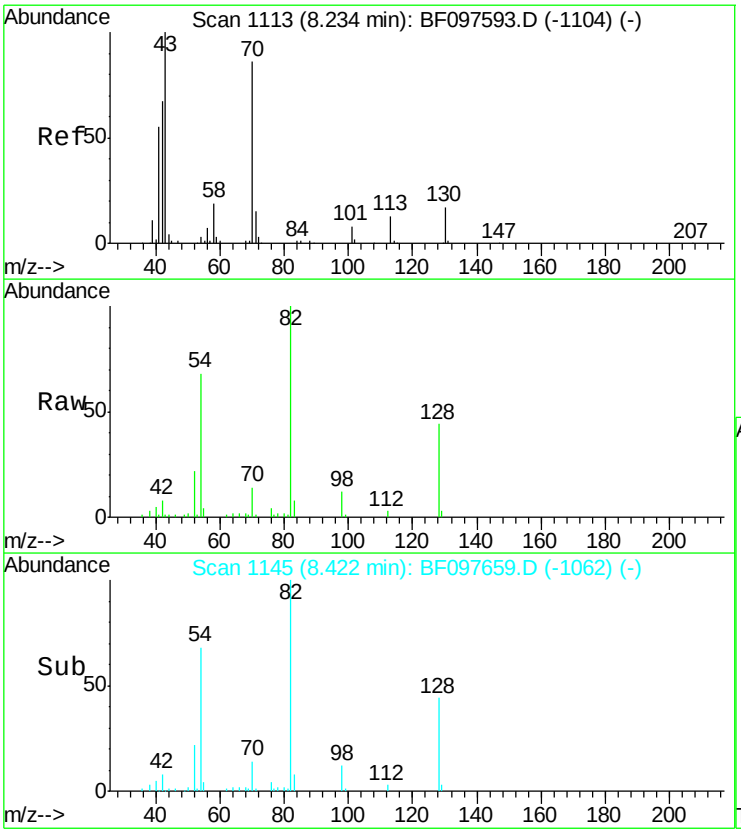
#7
Phenol-d6
Concen: 18.80 ng
RT: 7.09 min Scan# 919
Delta R.T. 0.04 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion: 99 Resp: 173682

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.5	20.3#
71	32.3	24.5	36.7

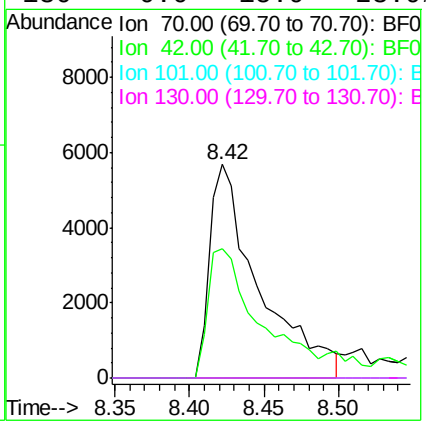


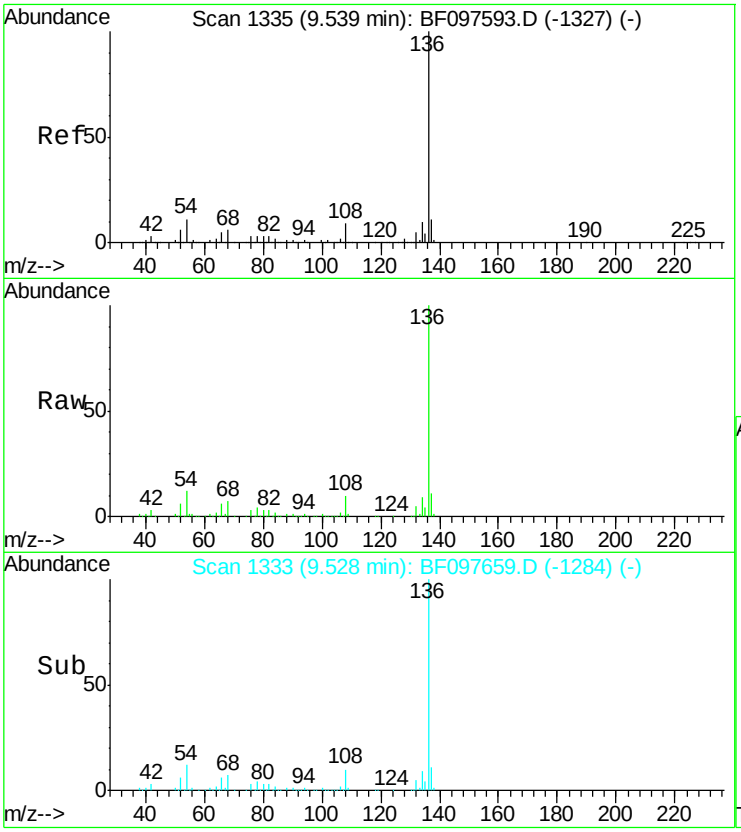


#19
n-Nitroso-di-n-propylamine
Concen: 2.03 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion: 70 Resp: 13060

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



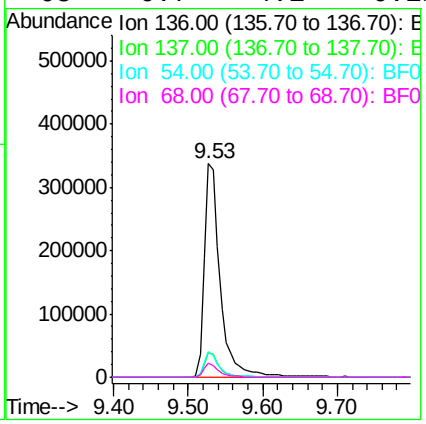


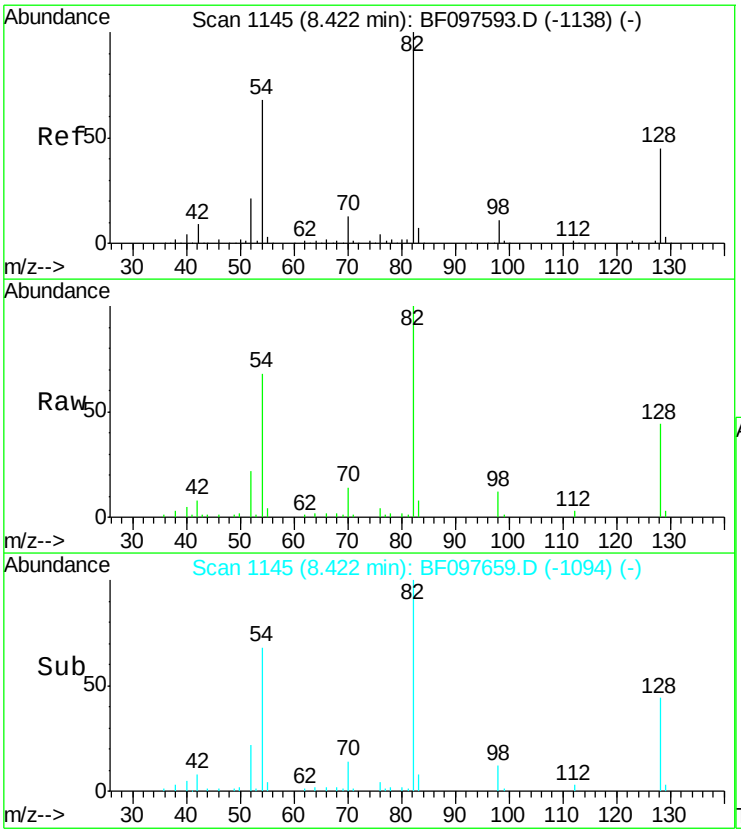
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:136 Resp: 502487

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.8	4.9	7.3#
68	6.7	4.1	6.1#

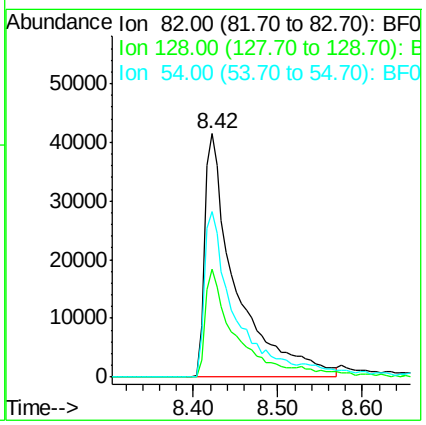


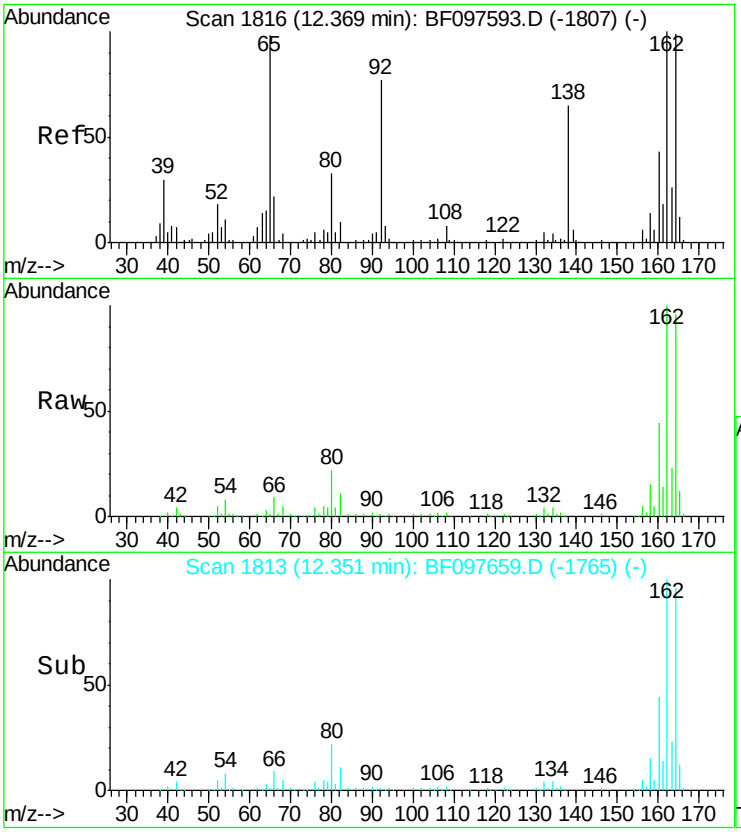


#23
Nitrobenzene-d5
Concen: 13.35 ng
RT: 8.42 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion: 82 Resp: 106946

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	68.1	42.2	63.2#



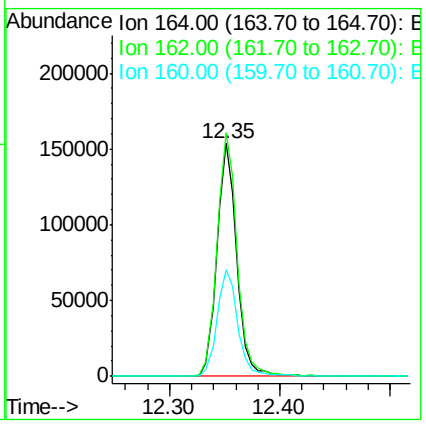


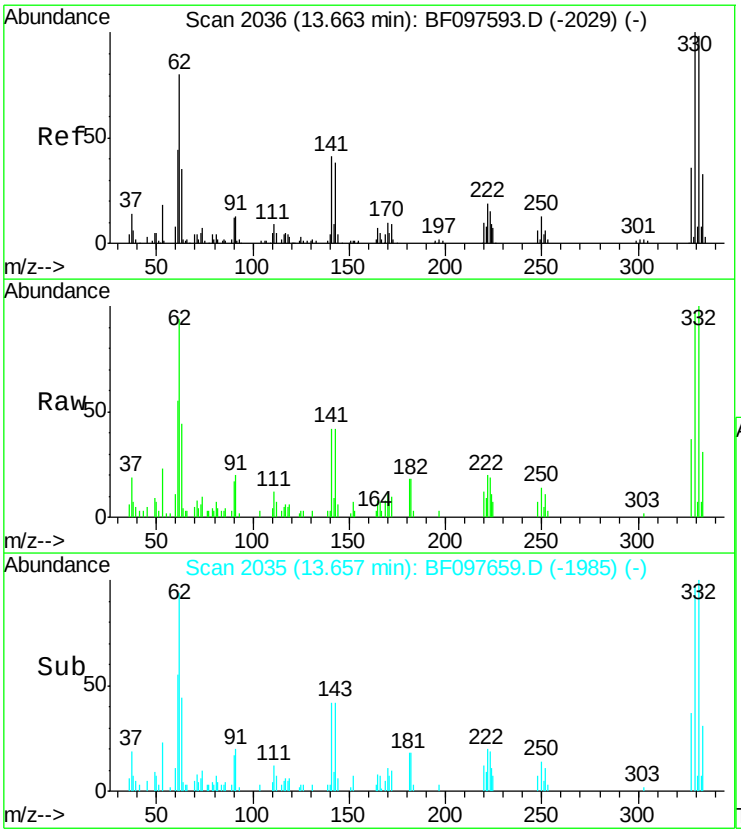
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:164 Resp: 191817

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.7	36.2	54.2

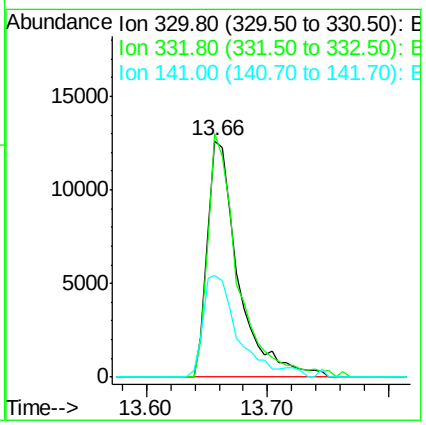


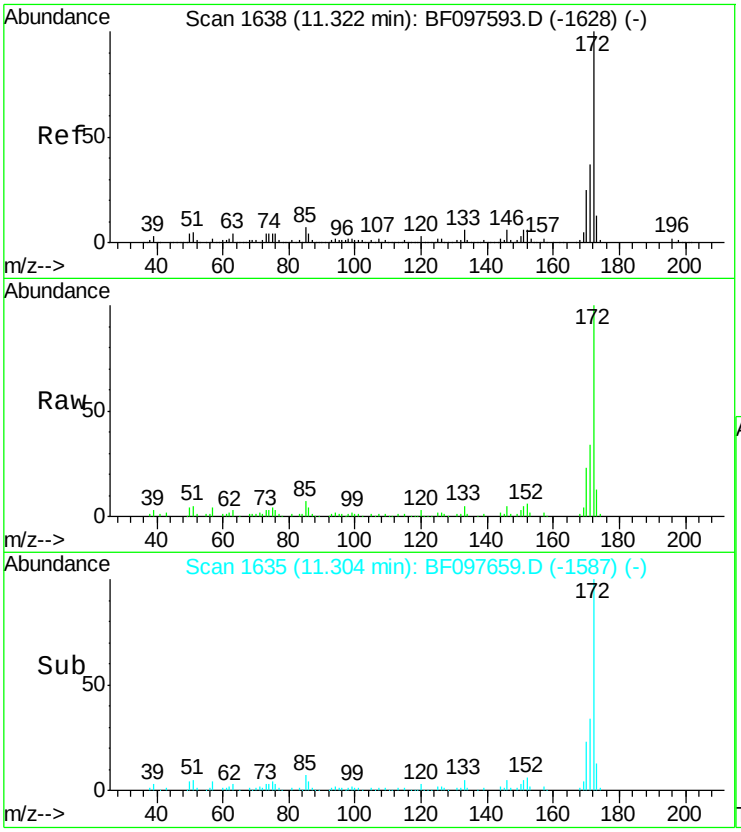


#41
2,4,6-Tribromophenol
Concen: 15.36 ng
RT: 13.66 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:330 Resp: 22398

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	115.0
141	46.8	31.4	47.2



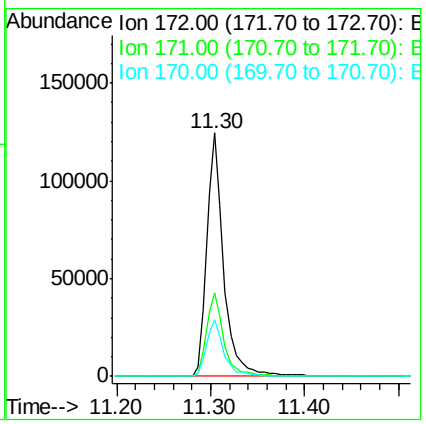


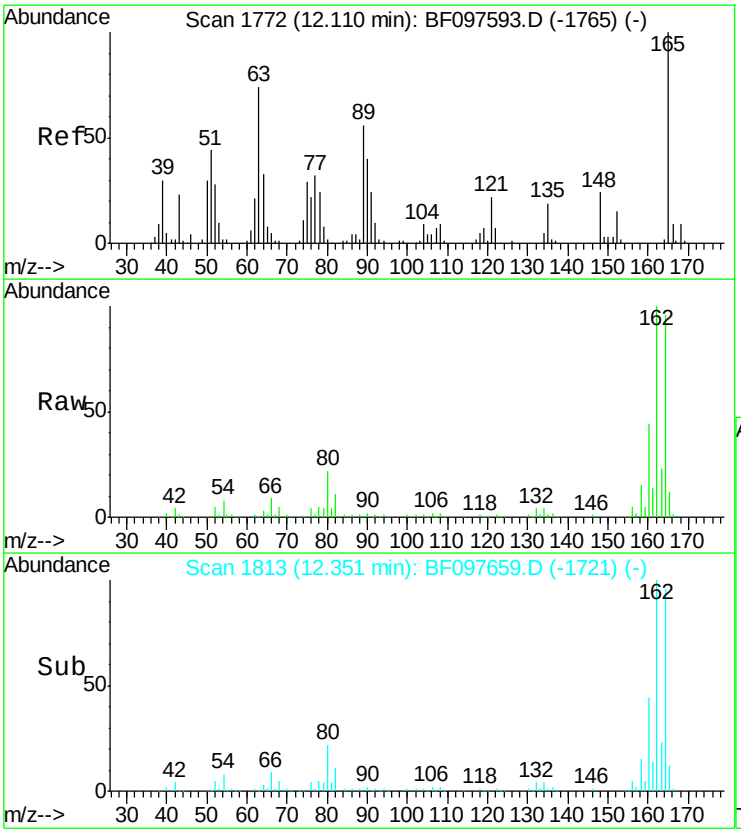
#44
2-Fluorobiphenyl
Concen: 12.43 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:172 Resp: 157939

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.2	19.8	29.8

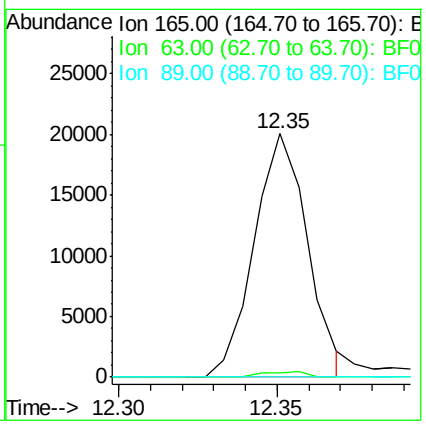


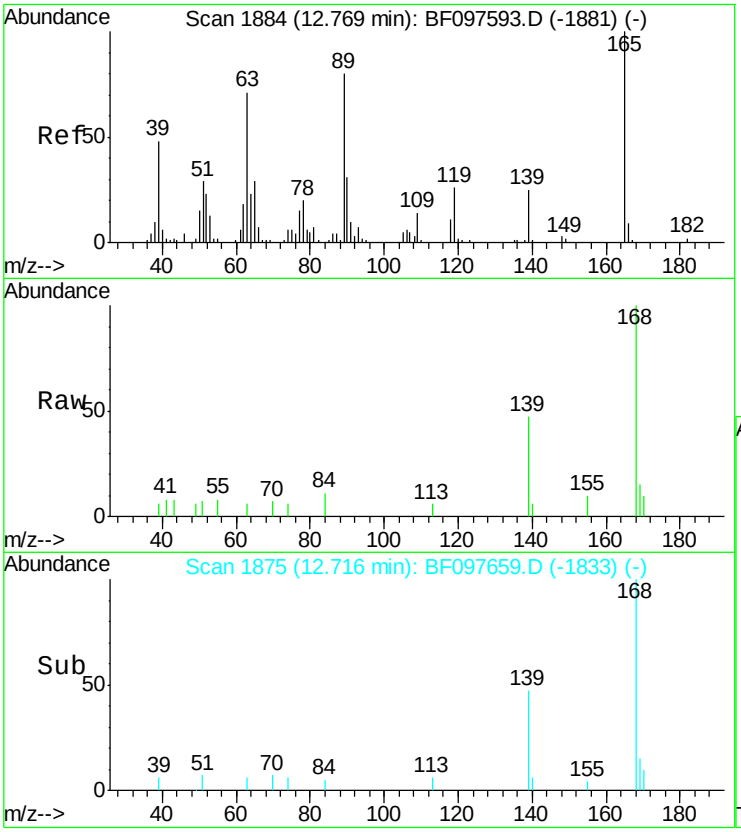


#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 12.35 min Scan# 1813
Delta R.T. 0.24 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:165 Resp: 23424

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	0.0	37.1	55.7#



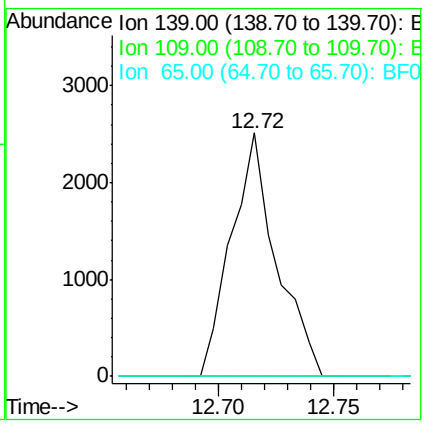


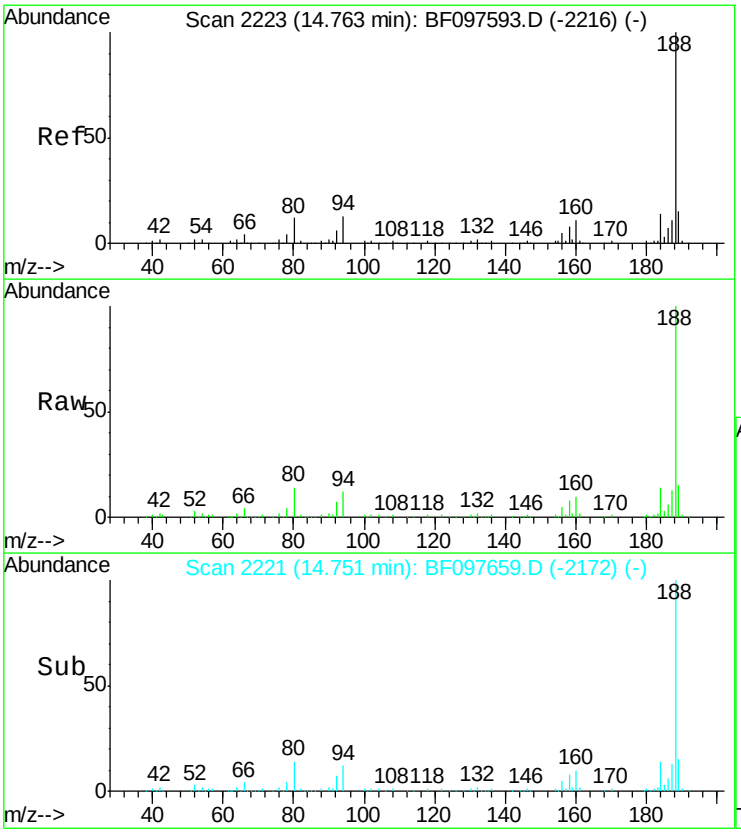
#55
4-Nitrophenol
Concen: 2.24 ng
RT: 12.72 min Scan# 1875
Delta R.T. -0.05 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:139 Resp: 3415

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

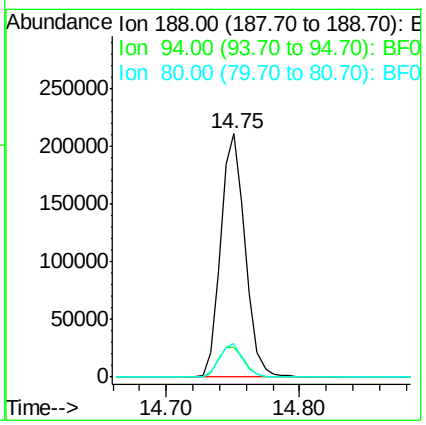


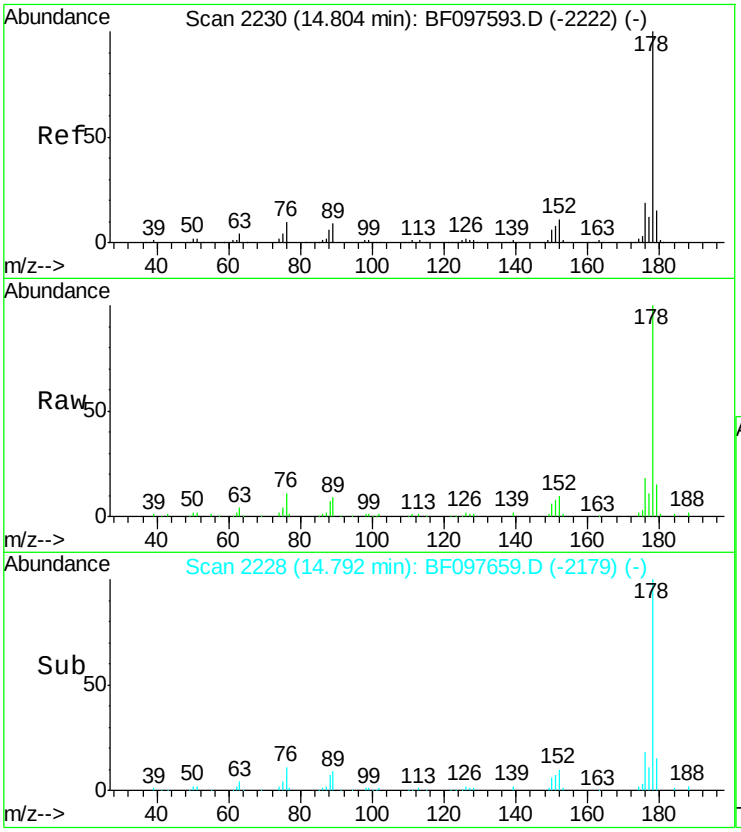


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:188 Resp: 272562

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.9	10.2	15.2



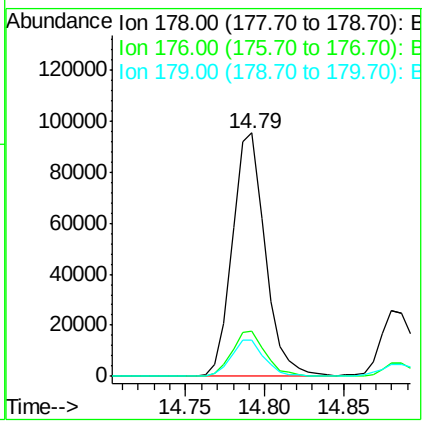


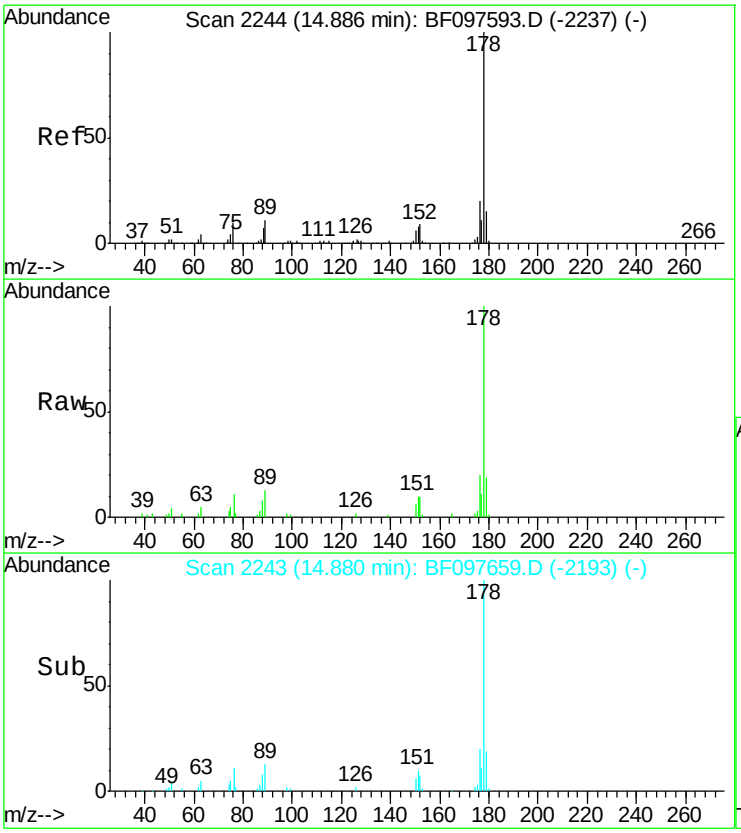
#70
Phenanthrene
Concen: 8.71 ng
RT: 14.79 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:178 Resp: 136691

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.9	12.6	19.0

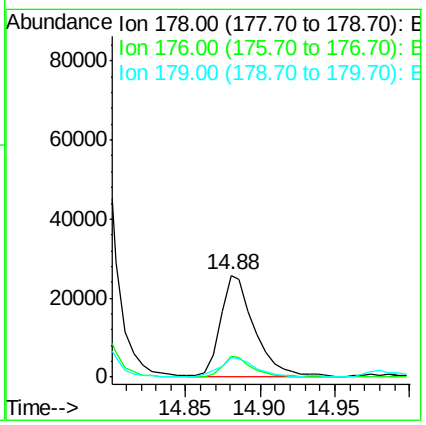


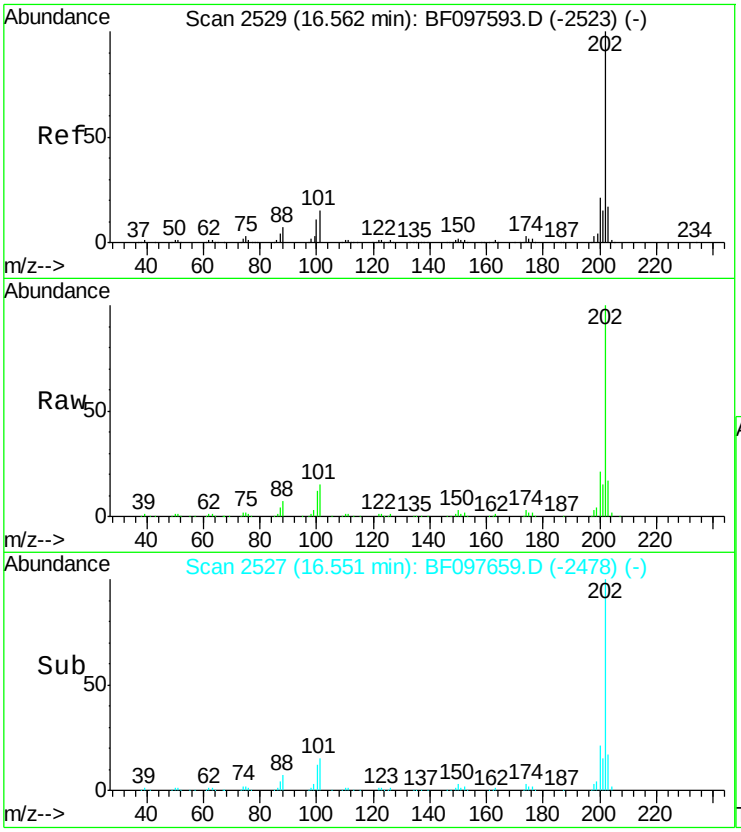


#71
Anthracene
Concen: 2.60 ng
RT: 14.88 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:178 Resp: 41792

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	19.0	12.7	19.1



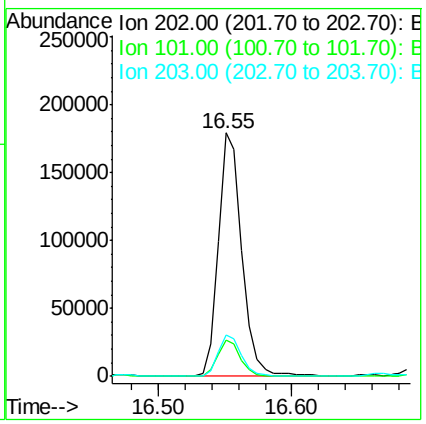


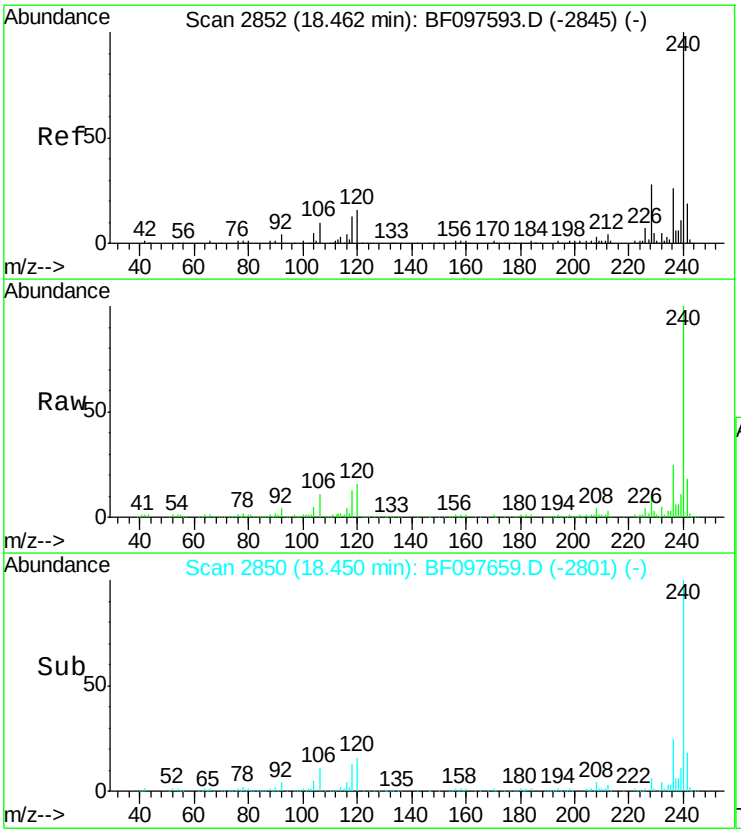
#74
Fluoranthene
Concen: 15.66 ng
RT: 16.55 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:202 Resp: 222132

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.2
203	17.2	0.0	38.1

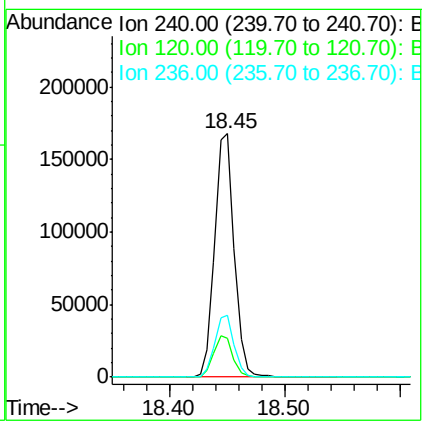


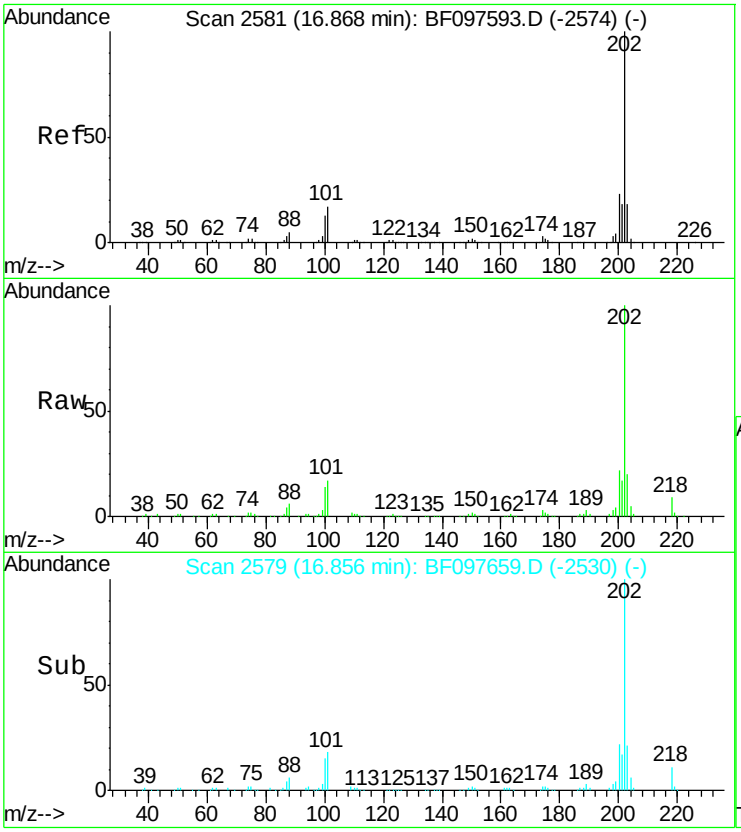


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:240 Resp: 196830

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.4	20.5	30.7



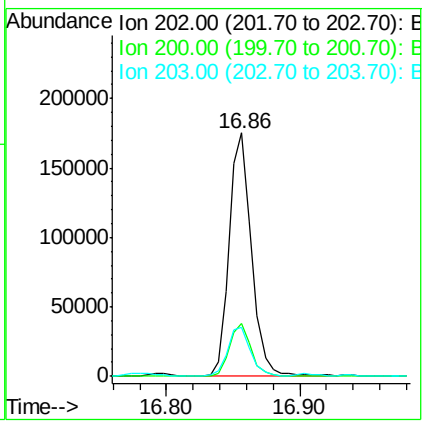


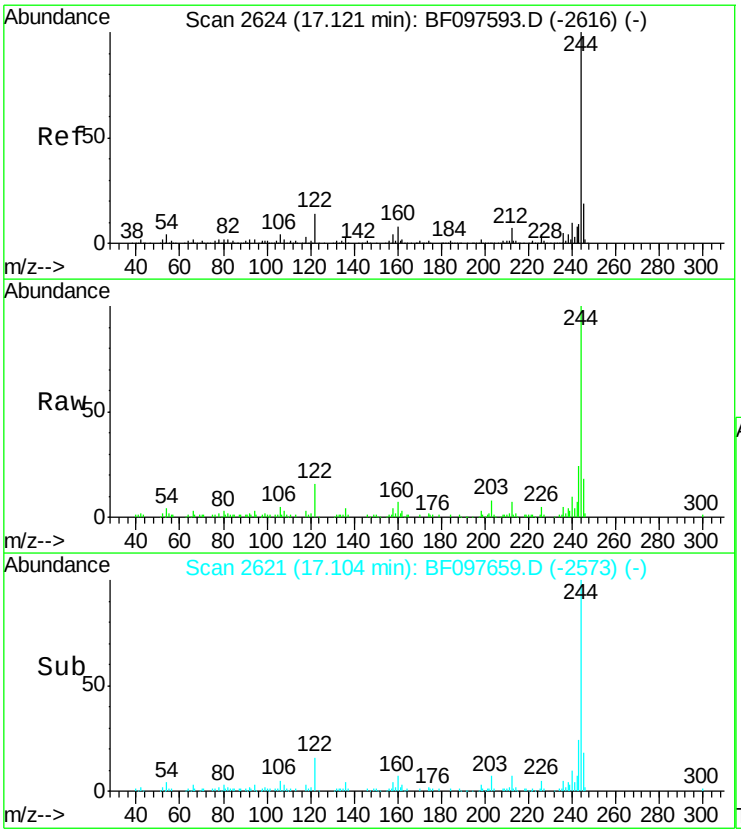
#77
Pyrene
Concen: 12.58 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:202 Resp: 204771

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	20.1	14.4	21.6

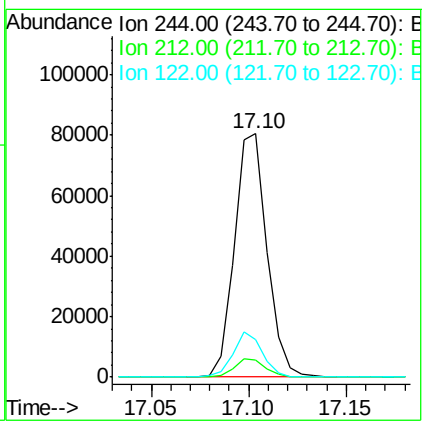


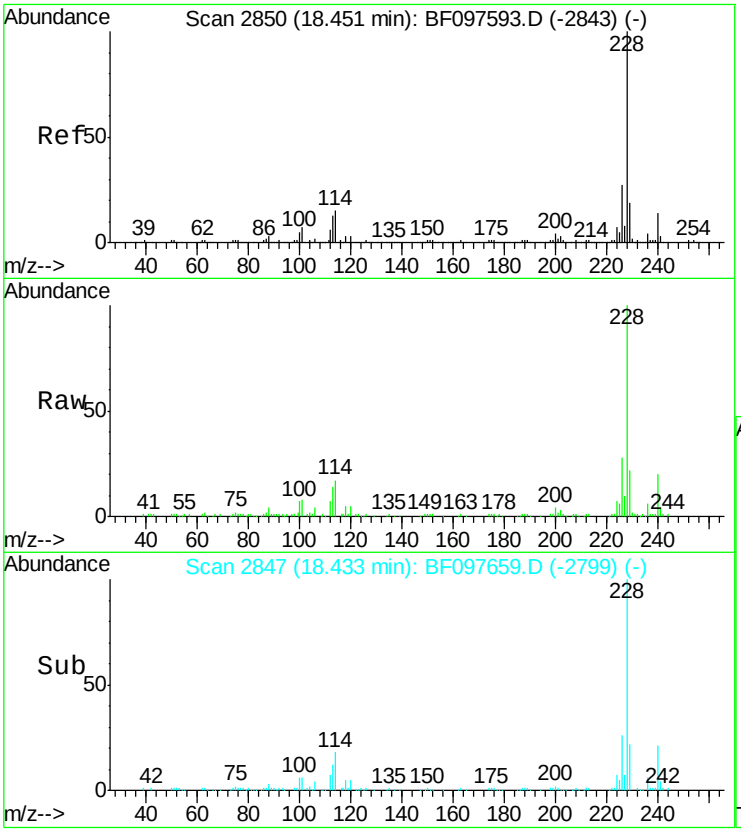


#78
Terphenyl-d14
Concen: 9.72 ng
RT: 17.10 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:244 Resp: 92429

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.6	10.3	15.5#



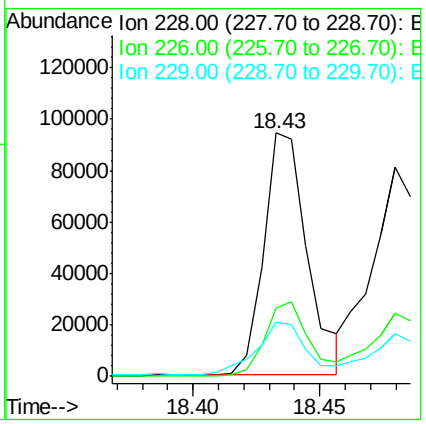


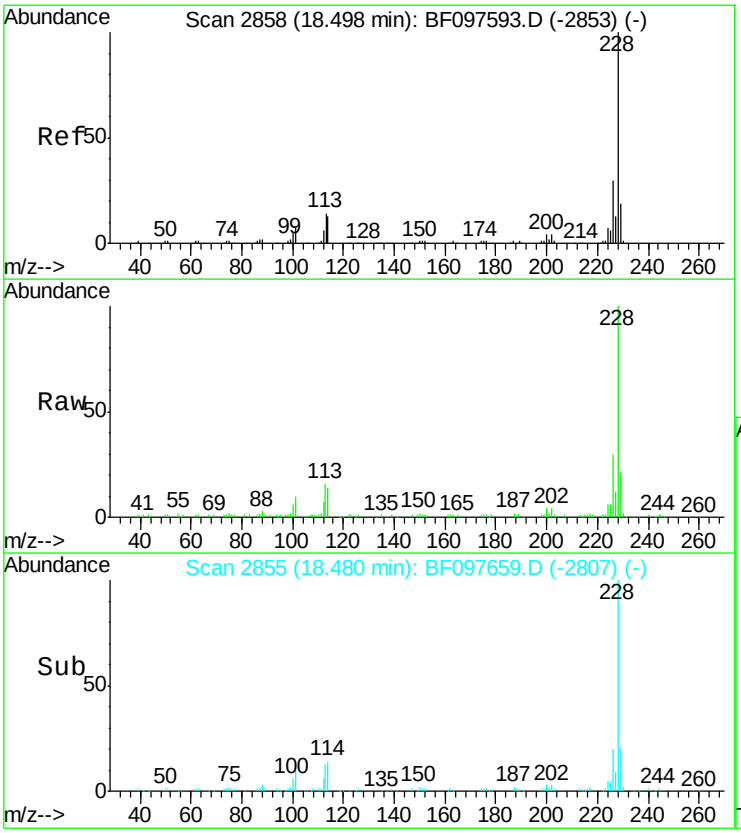
#80
Benzo(a)anthracene
Concen: 9.87 ng
RT: 18.43 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:228 Resp: 113487

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.3	16.3	24.5

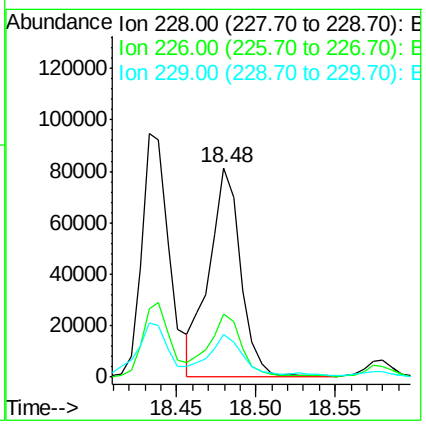


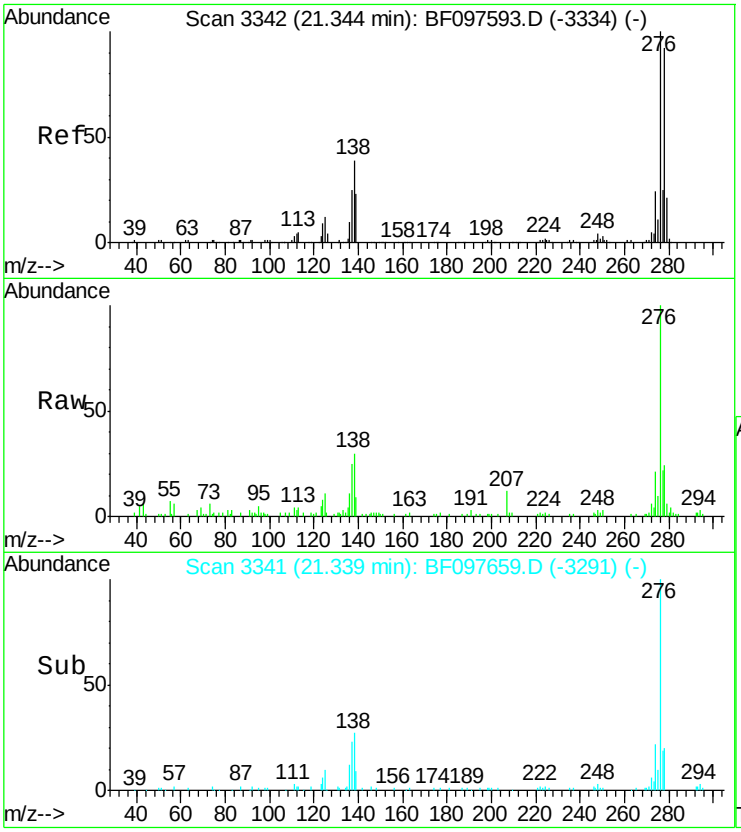


#82
Chrysene
Concen: 9.95 ng
RT: 18.48 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:228 Resp: 113764

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.6	15.8	23.6



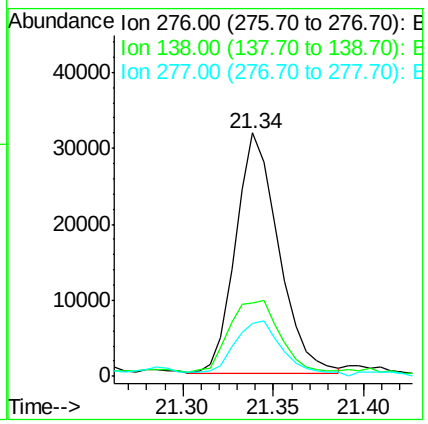


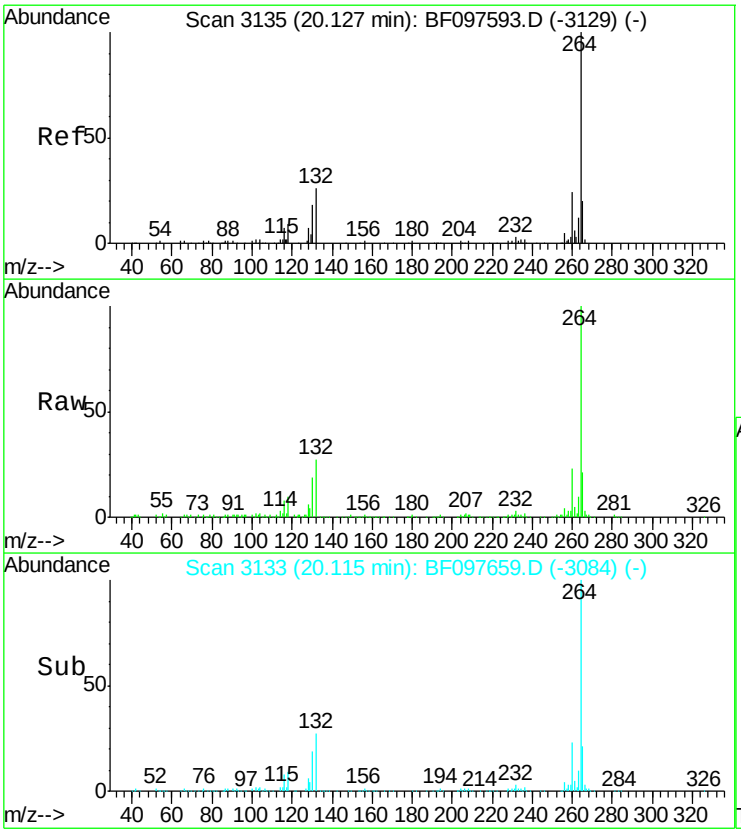
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.83 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:276 Resp: 51885

Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	26.4	20.2	30.4

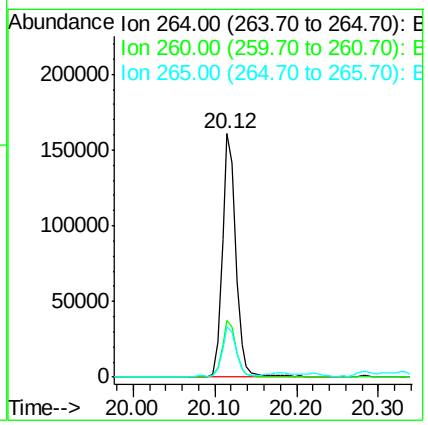


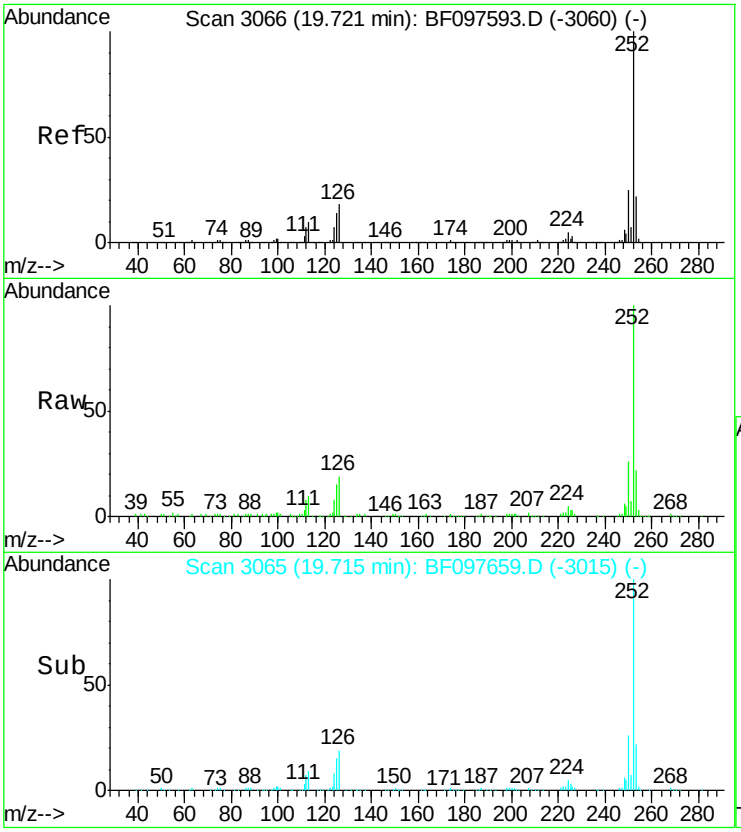


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.12 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:264 Resp: 186232

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.8	17.2	25.8



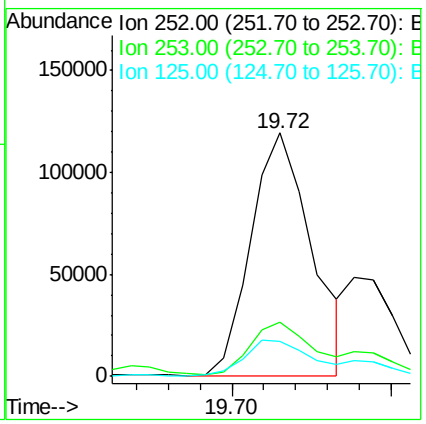


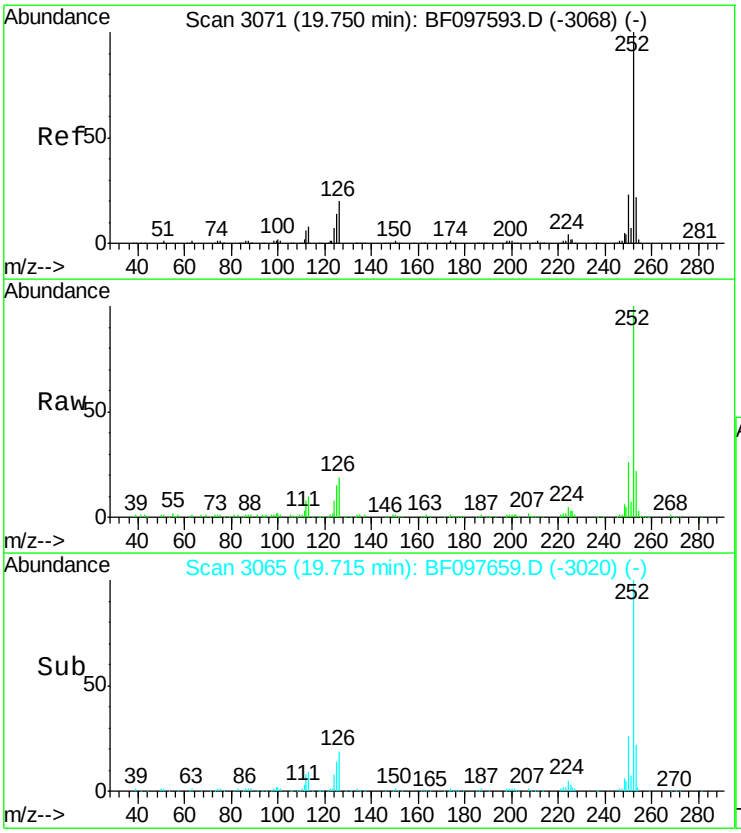
#87
Benzo(b)fluoranthene
Concen: 14.14 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:252 Resp: 158152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.6	9.8	14.8

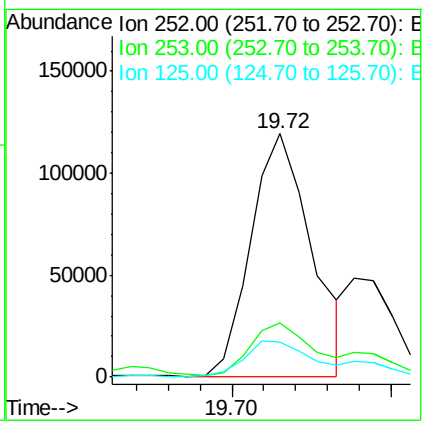


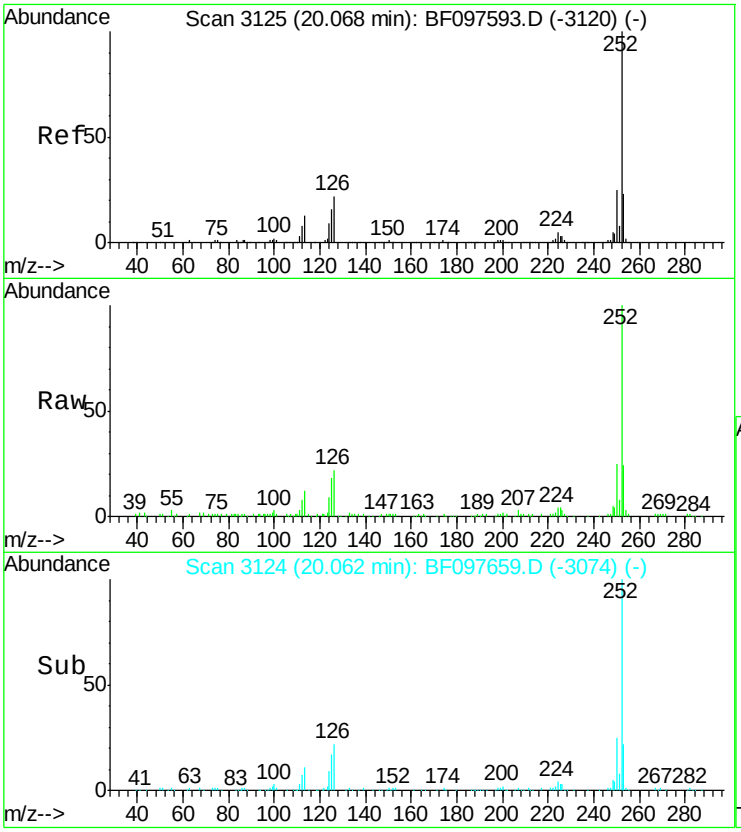


#88
Benzo(k)fluoranthene
Concen: 14.04 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.04 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:252 Resp: 158152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.6	13.1	19.7



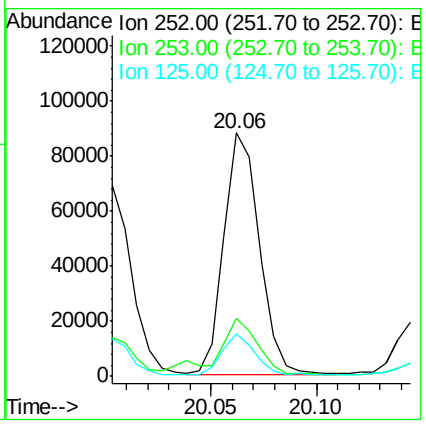


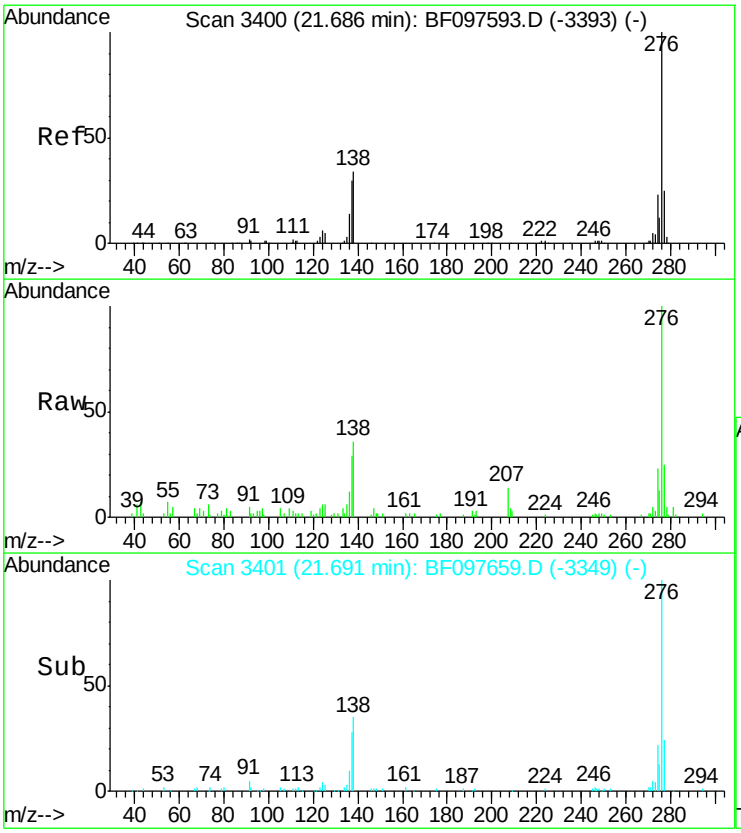
#89
Benzo(a)pyrene
Concen: 9.95 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tgt Ion:252 Resp: 102139

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	17.5	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.10 ng
RT: 21.69 min Scan# 3401
Delta R.T. 0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:276 Resp: 49175

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	36.4	25.4	38.0