Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-092017-A

Quant Time: Sep 23 01:30:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159370	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	655782	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	295258	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	459496	20.00	ng		0.00
75) Chrysene-d12	14.09	240	342337	20.00	ng		0.00
86) Perylene-d12	15.58	264	357752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	195344	18.61	ng		0.00
7) Phenol-d6	6.53	99	237669	18.70	ng		-0.01
23) Nitrobenzene-d5	7.48	82	141422	14.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	46629	17.27	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	263901	14.22	ng		0.00
78) Terphenyl-d14	13.03	244	188881	11.85	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.46	117	16816	4.01	ng	#	1
22) Acetophenone	7.32	105	75593	4.66	ng	#	55
26) 2-Nitrophenol	7.82	139	1448	6.02	ng	#	1
49) Dimethylphthalate	9.67	163	50293	2.27	ng	#	98
50) 2,6-Dinitrotoluene	9.96	165	41738	9.55	ng	#	26
53) 2,4-Dinitrophenol	9.74	184	166	6.10	ng	#	1
56) 2,4-Dinitrotoluene	9.96	165	41738	7.11	ng	#	24
74) Fluoranthene	12.66	202	64905	2.61	ng		95
77) Pyrene	12.89	202	64569	2.54	ng		99
87) Benzo(b)fluoranthene	15.14	252	61991	2.99	ng	#	84
88) Benzo(k)fluoranthene	15.14	252	61991	2.99	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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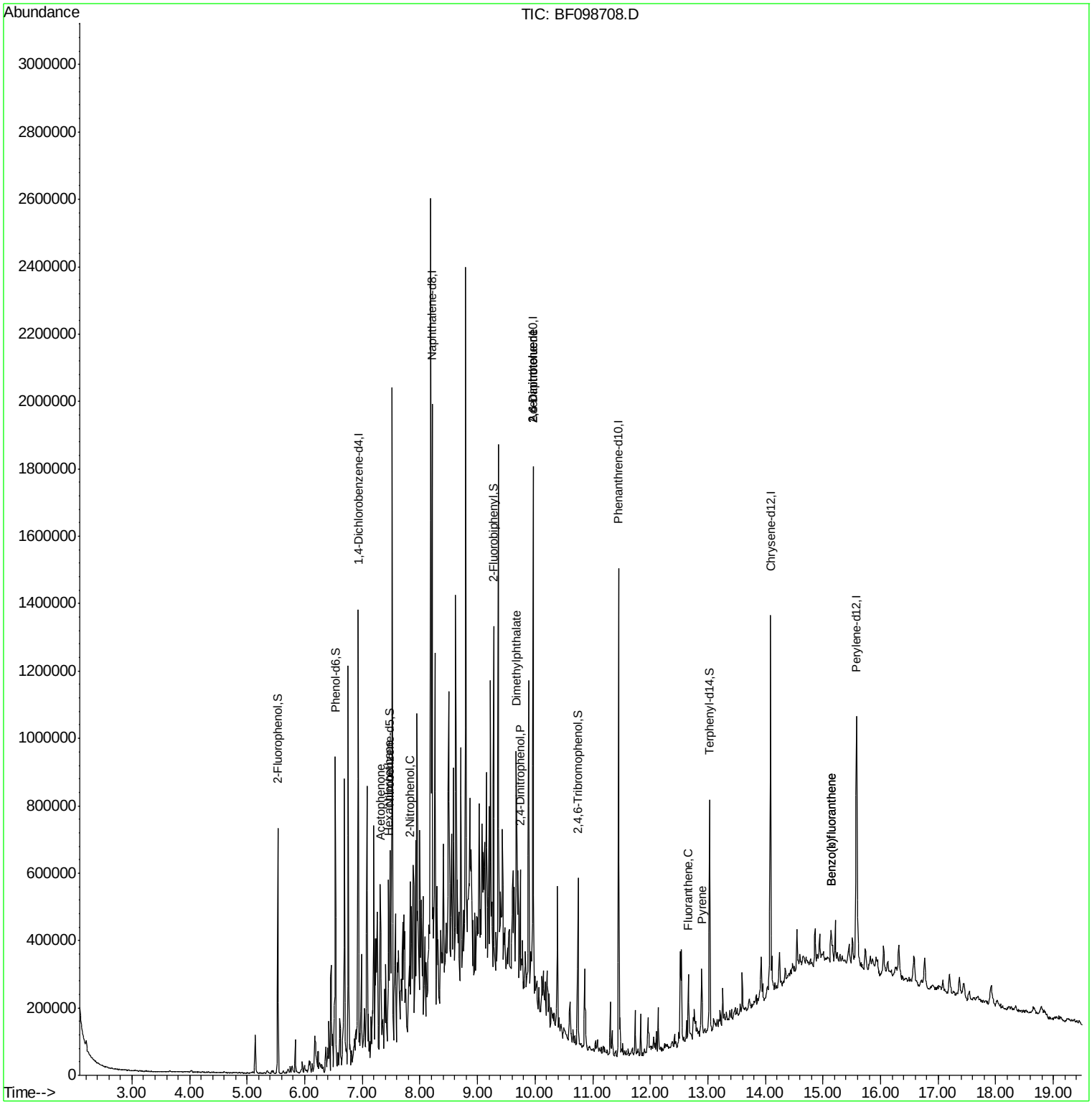
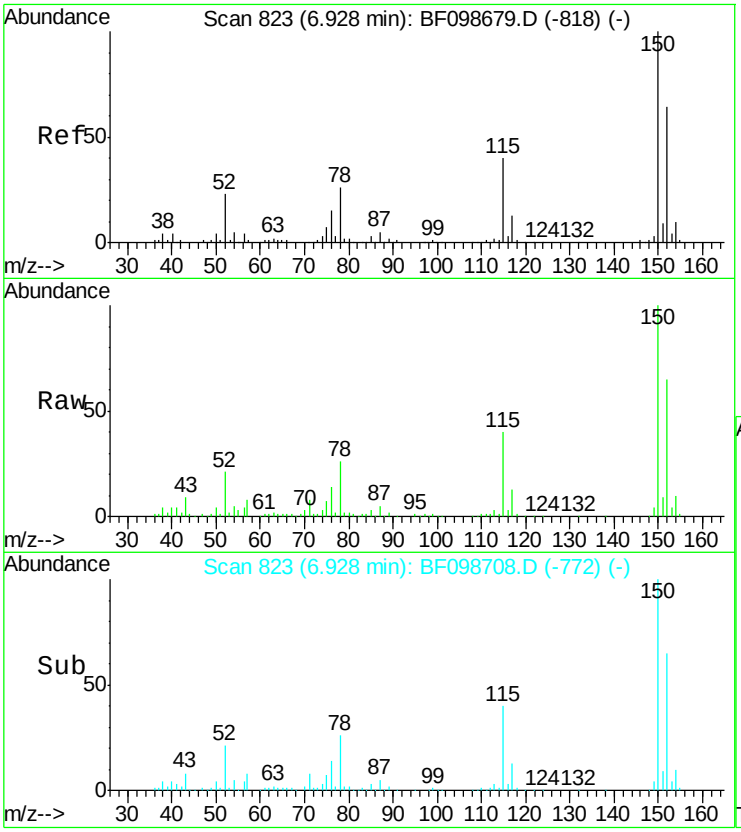
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Time: Sep 23 01:30:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration



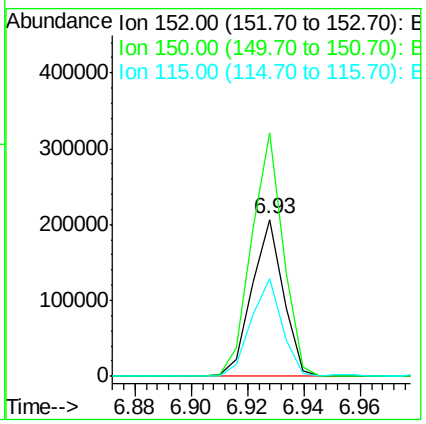


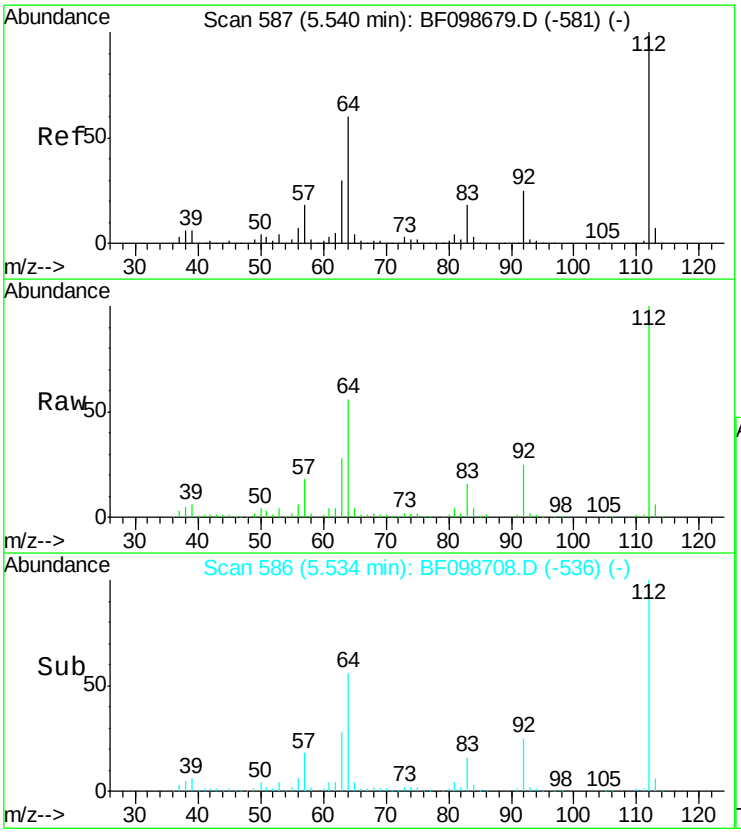
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:152 Resp: 159370

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.0	50.1	75.1

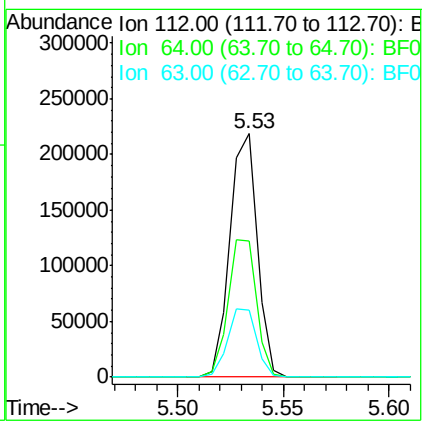


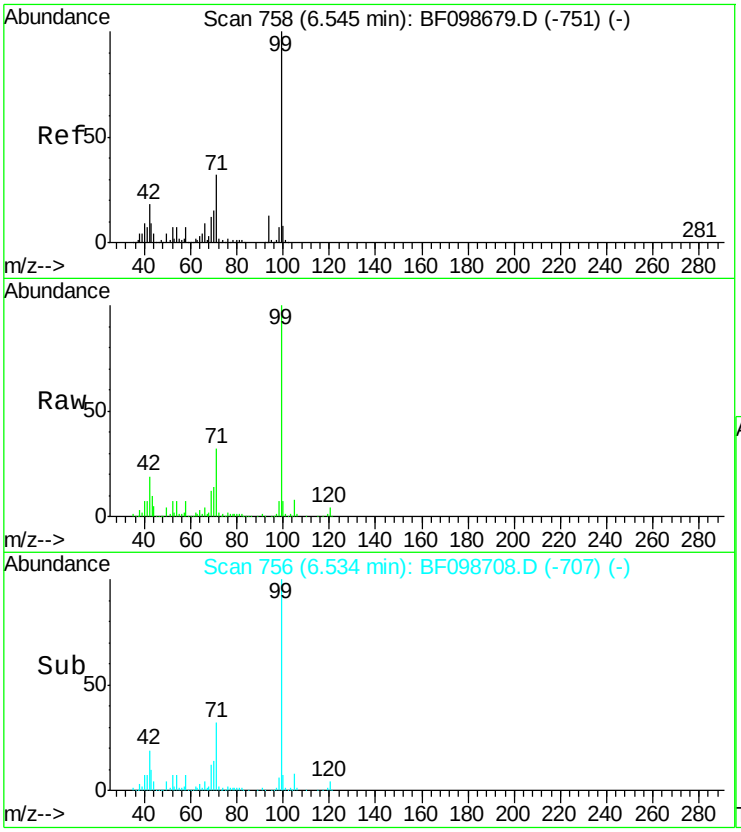


#5
2-Fluorophenol
Concen: 18.61 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:112 Resp: 195344

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.7	23.7	35.5



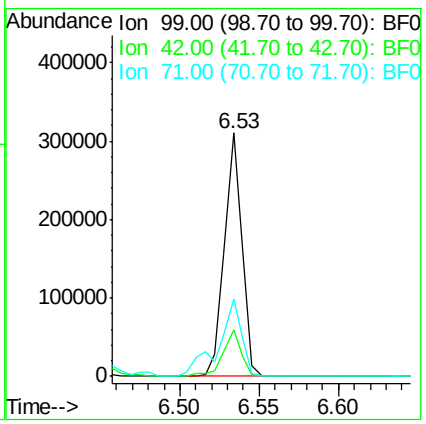


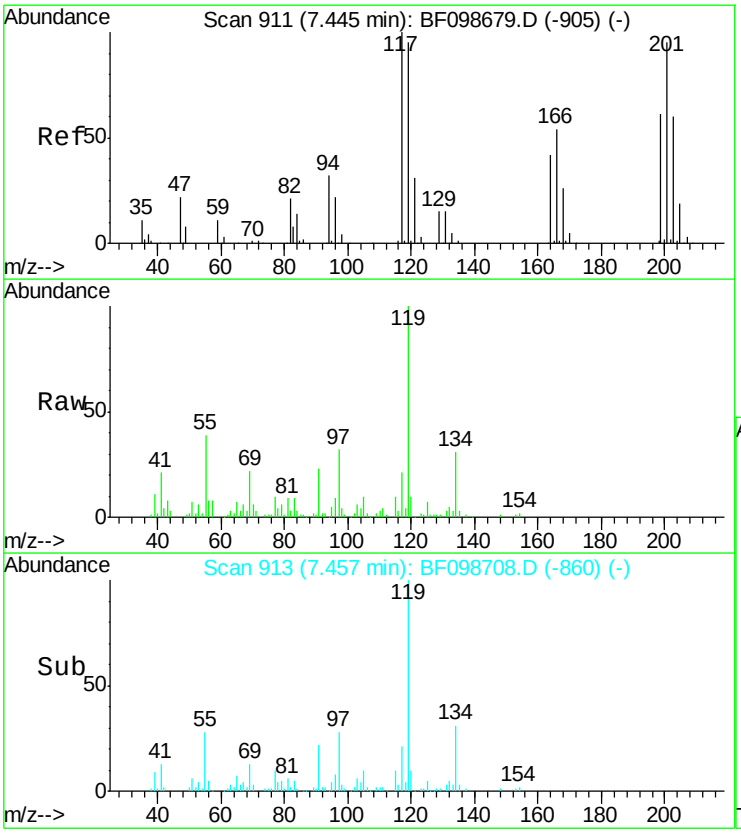
#7
Phenol-d6
Concen: 18.70 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion: 99 Resp: 237669

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.9	25.4	38.0

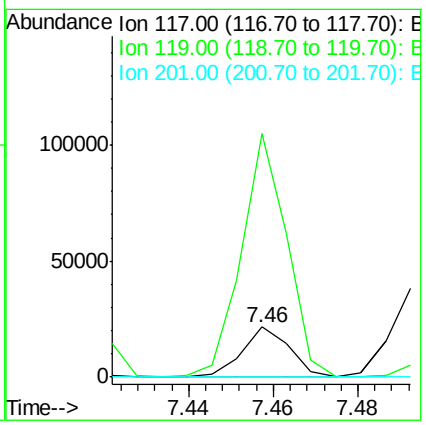


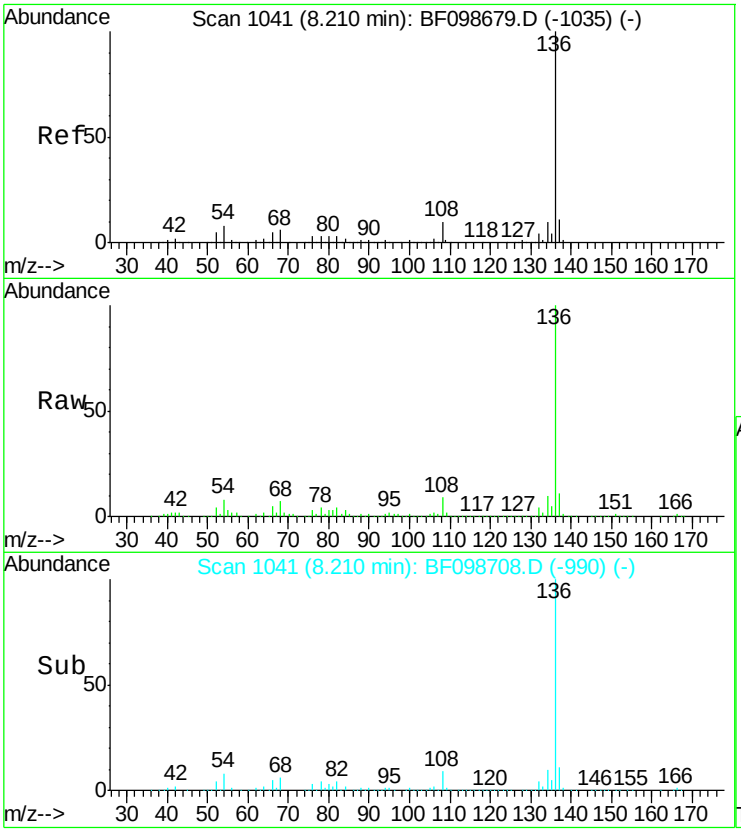


#18
Hexachloroethane
Concen: 4.01 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:117 Resp: 16816

Ion	Ratio	Lower	Upper
117	100		
119	485.5	75.8	113.8#
201	0.0	75.7	113.5#



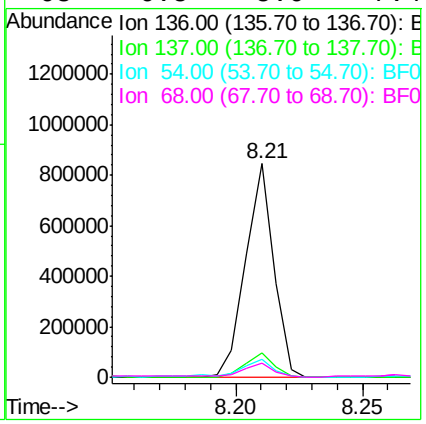


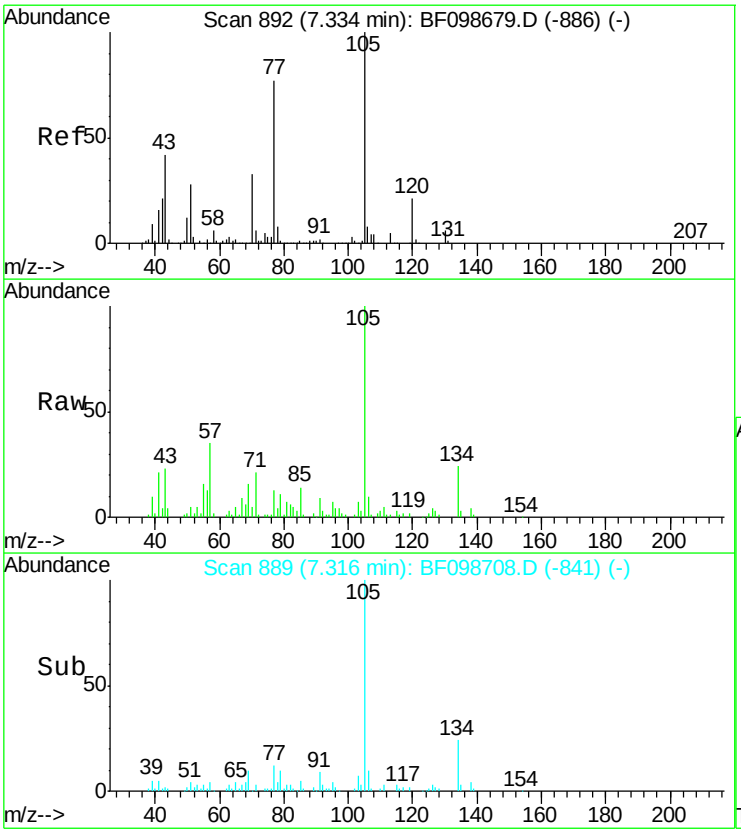
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:136 Resp: 655782

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4

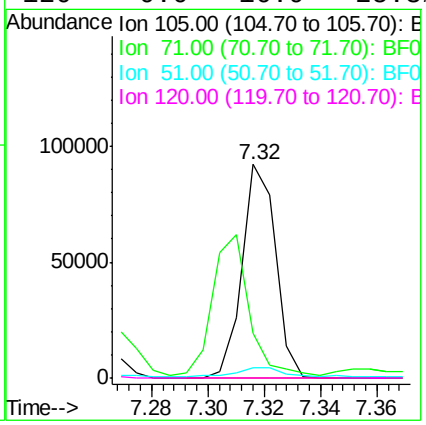


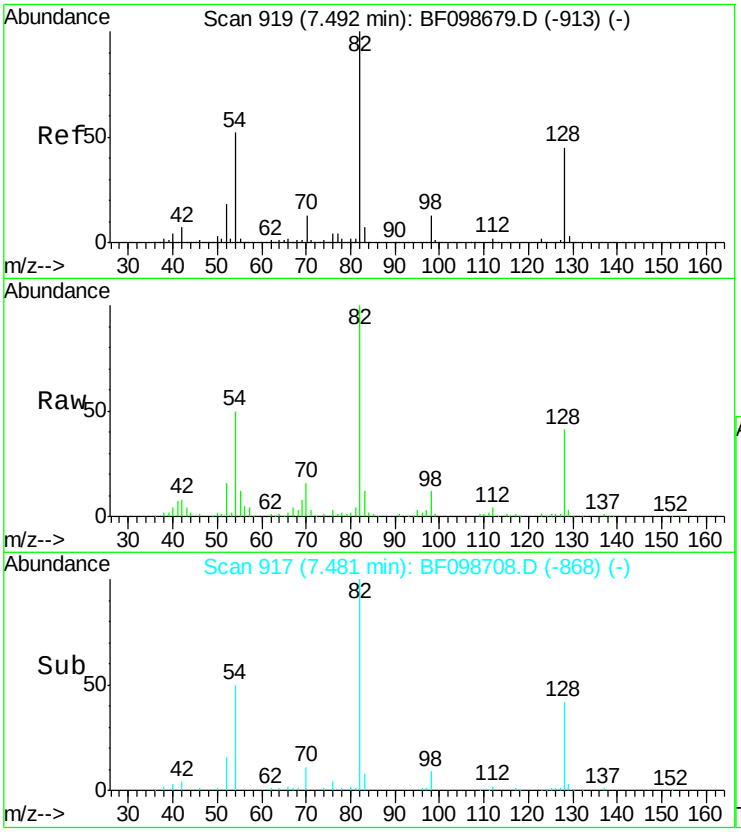


#22
Acetophenone
Concen: 4.66 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:105 Resp: 75593

Ion	Ratio	Lower	Upper
105	100		
71	21.0	4.4	6.6#
51	4.8	22.3	33.5#
120	0.0	16.9	25.3#



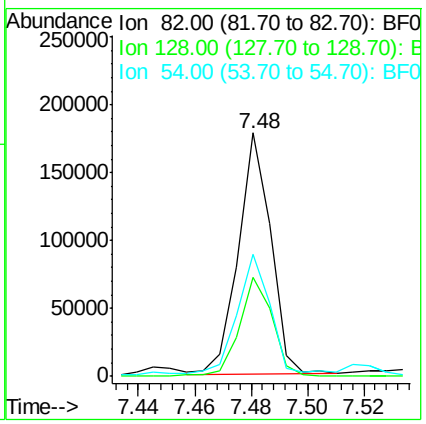


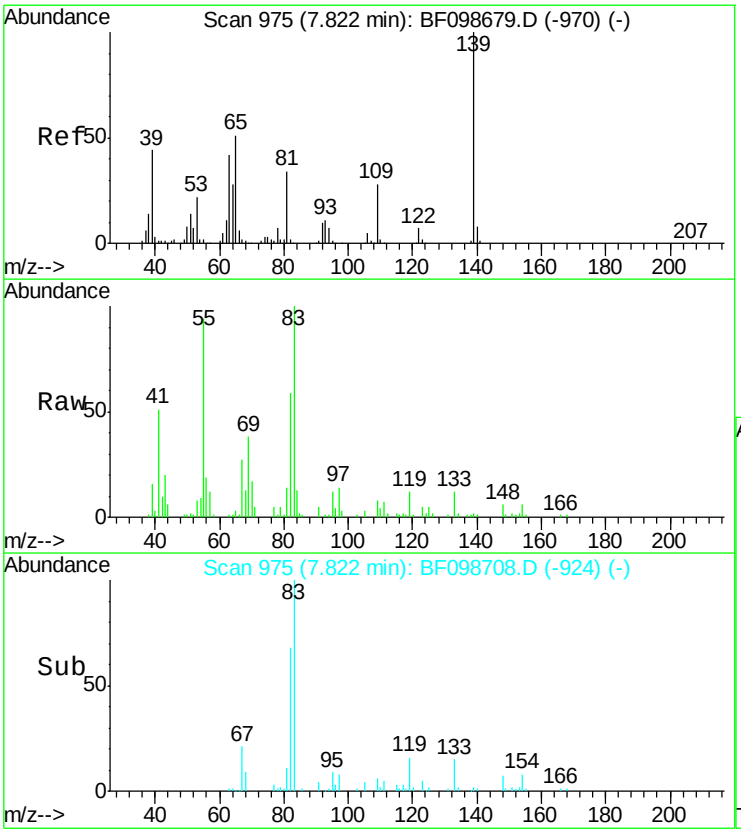
#23
Nitrobenzene-d5
Concen: 14.63 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion: 82 Resp: 141422

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	50.2	41.4	62.2

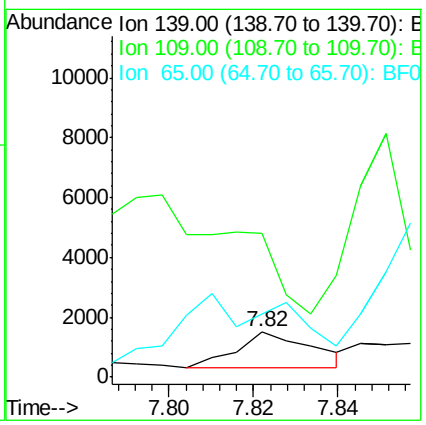


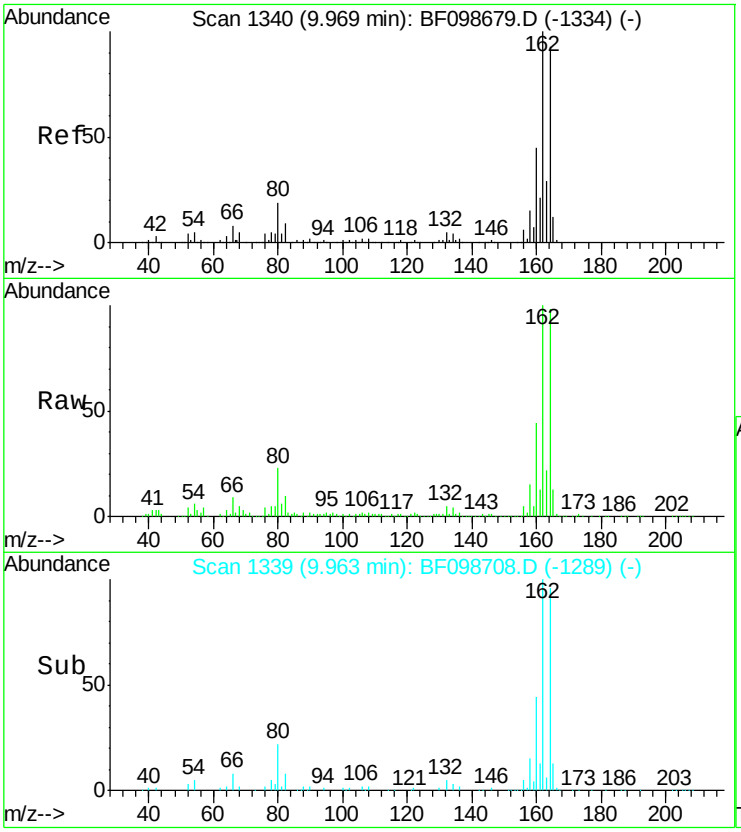


#26
2-Nitrophenol
Concen: 6.02 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:139 Resp: 1448

Ion	Ratio	Lower	Upper
139	100		
109	317.2	22.7	34.1#
65	140.4	40.5	60.7#



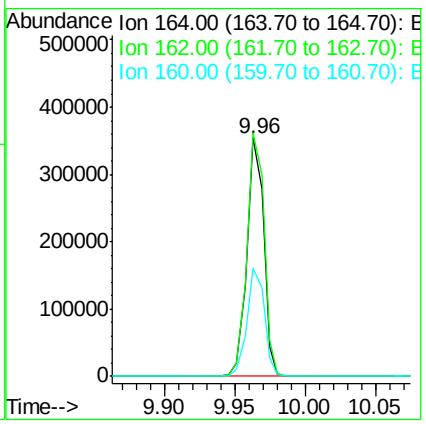


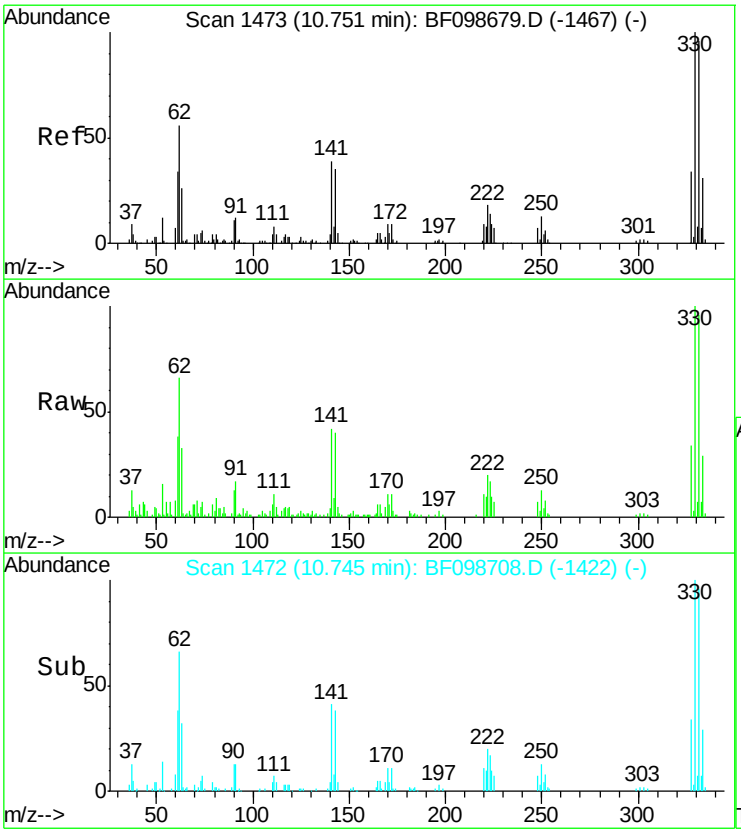
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:164 Resp: 295258

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.3	38.3	57.5

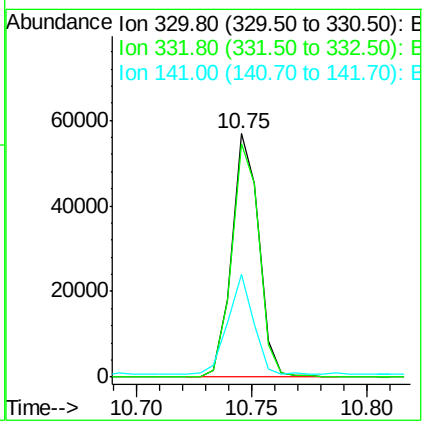


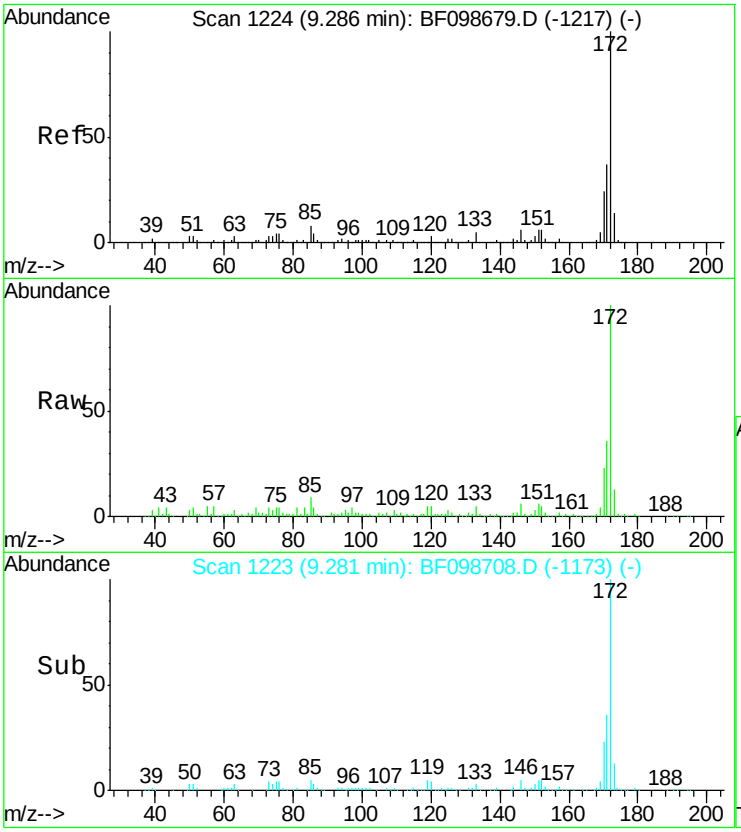


#41
2,4,6-Tribromophenol
Concen: 17.27 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:330 Resp: 46629

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	39.4	29.9	44.9



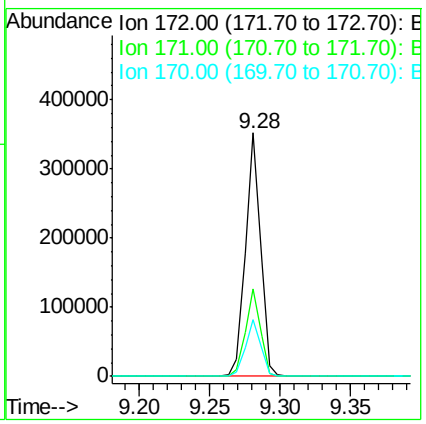


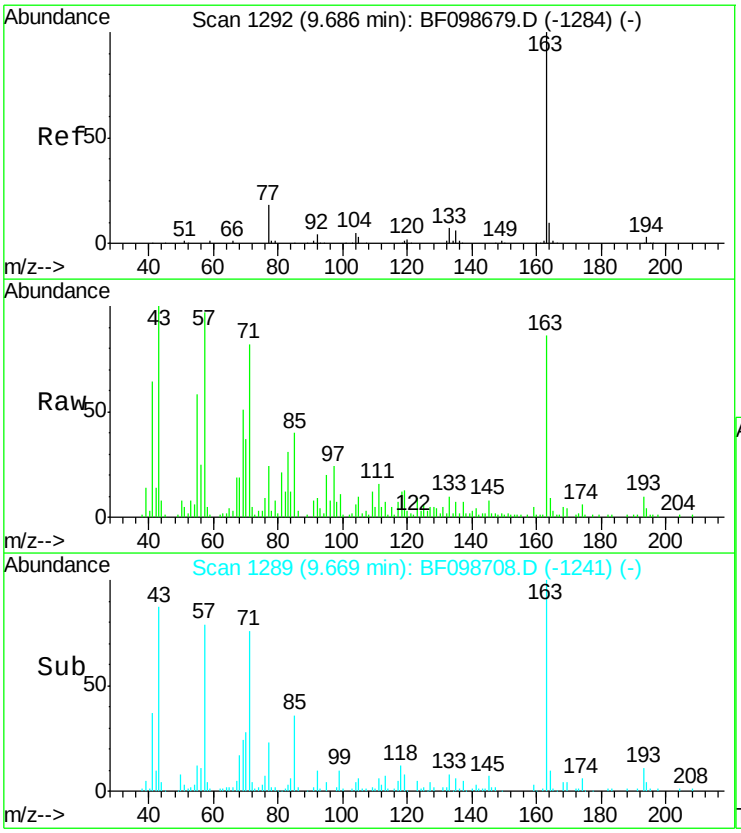
#44
2-Fluorobiphenyl
Concen: 14.22 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:172 Resp: 263901

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.1	19.6	29.4

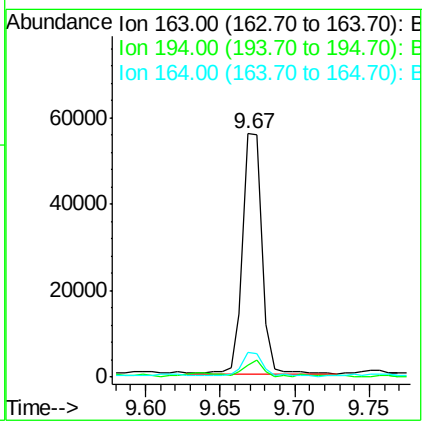


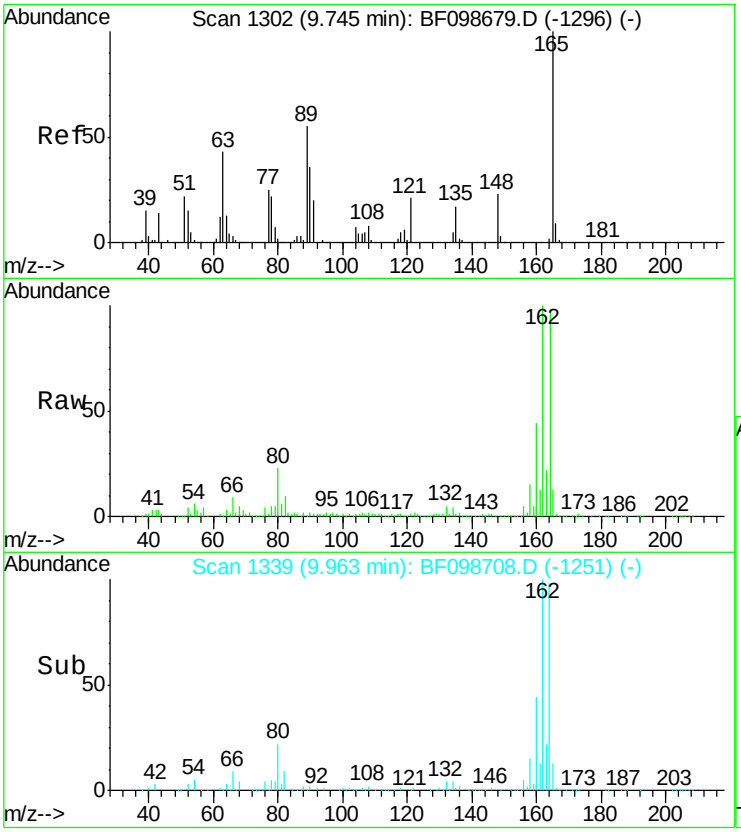


#49
Dimethylphthalate
Concen: 2.27 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:163 Resp: 50293

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.7	4.1#
164	10.1	8.2	12.2



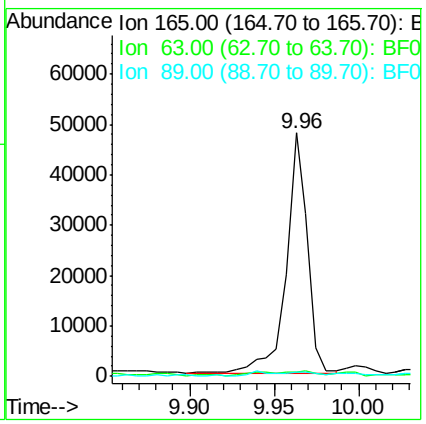


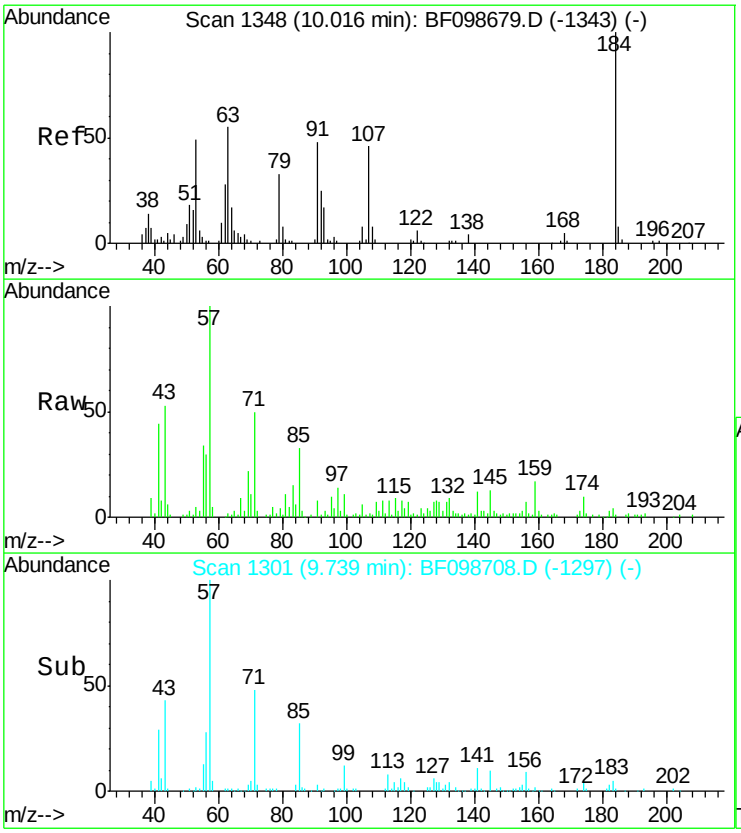
#50
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.22 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:165 Resp: 41738

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	44.0	66.0#

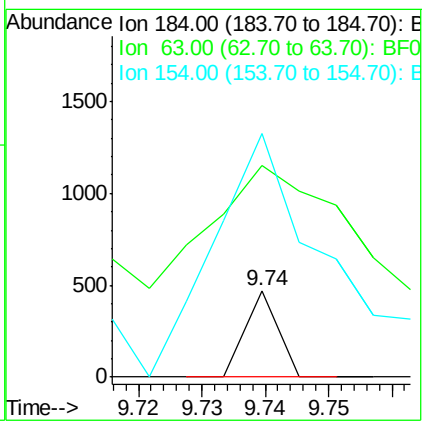


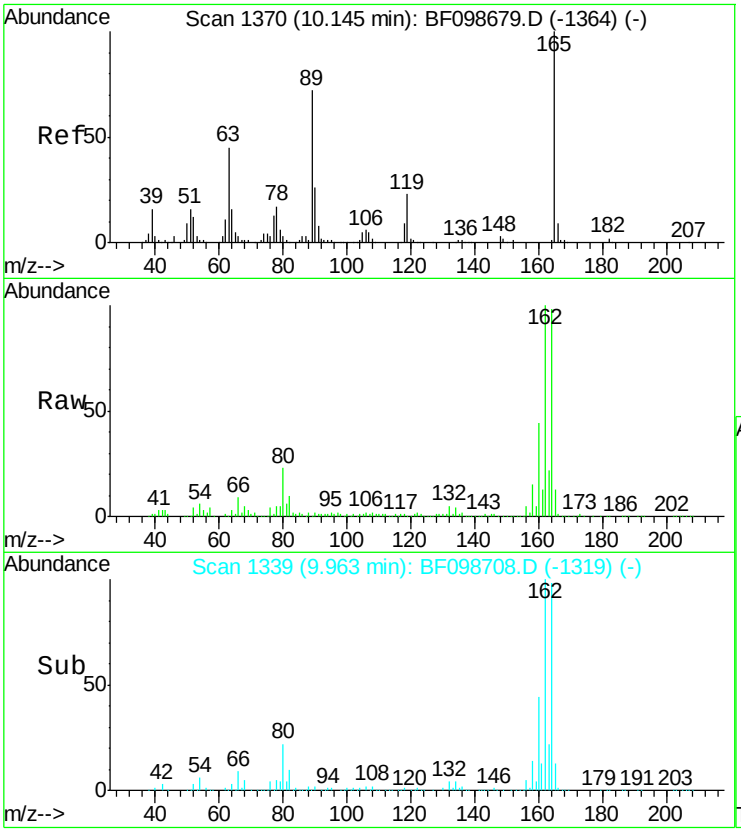


#53
2,4-Dinitrophenol
Concen: 6.10 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.28 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:184 Resp: 166

Ion	Ratio	Lower	Upper
184	100		
63	246.3	54.2	81.2#
154	282.7	53.5	80.3#



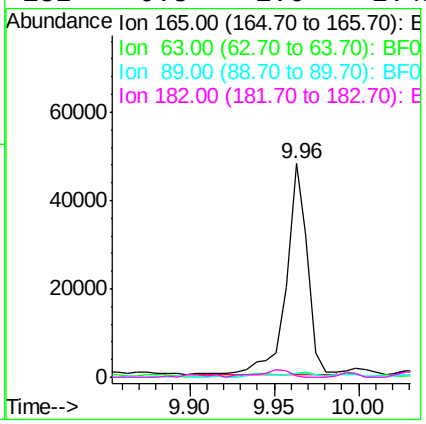


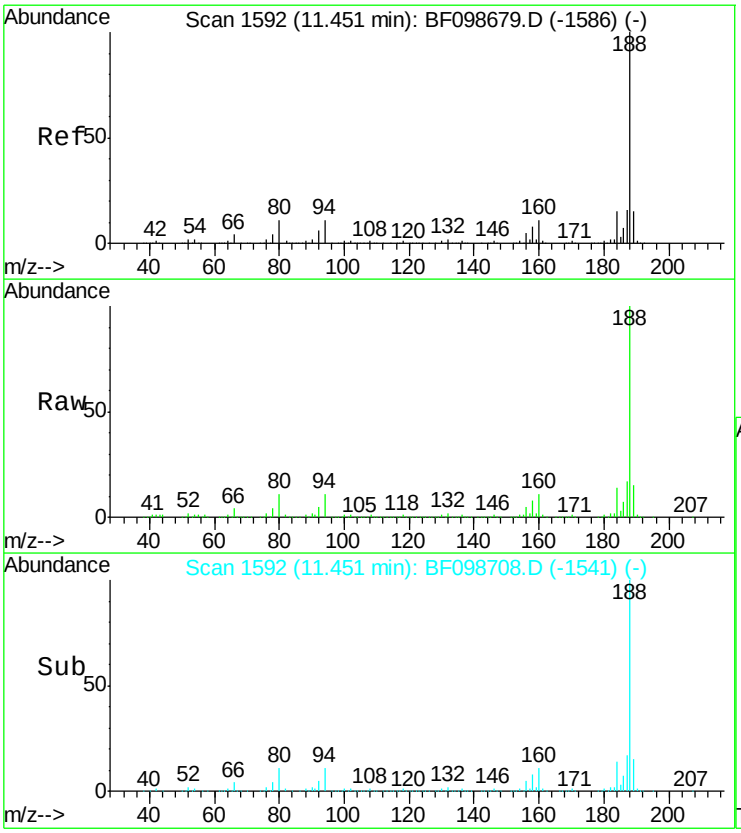
#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:165 Resp: 41738

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.8	1.6	2.4#

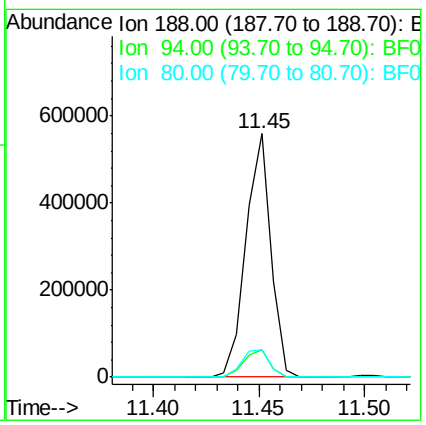


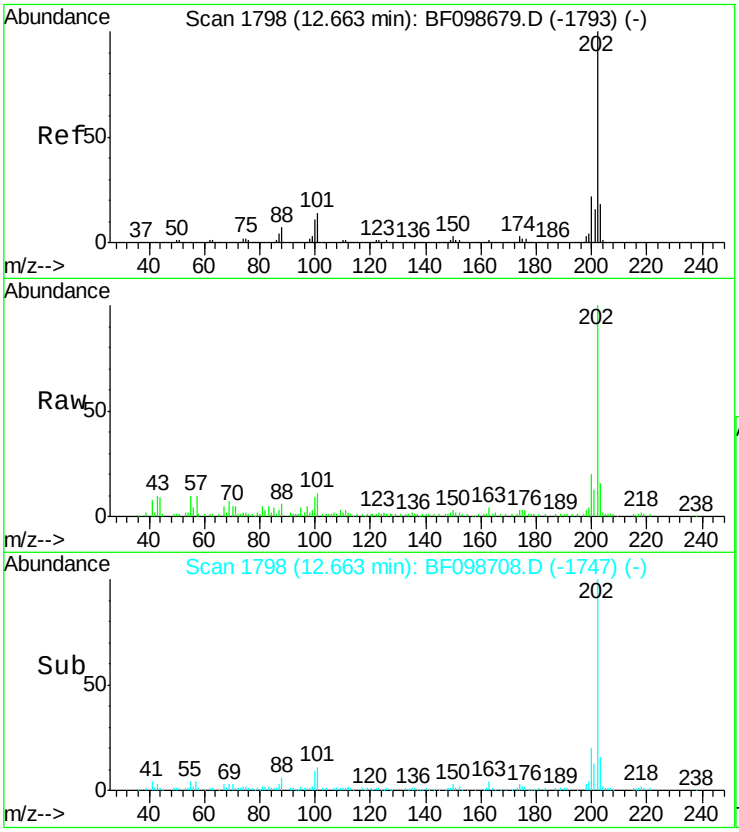


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:188 Resp: 459496

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8



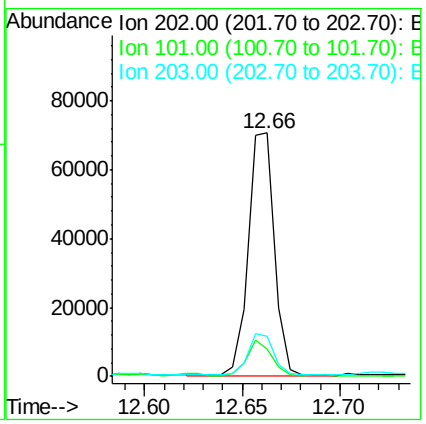


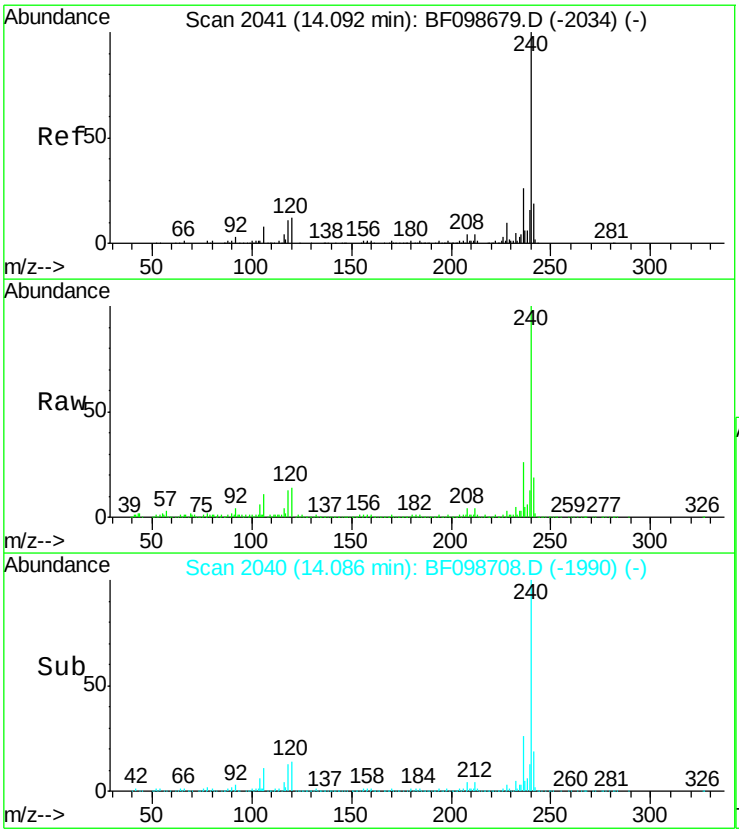
#74
Fluoranthene
Concen: 2.61 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:202 Resp: 64905

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	16.5	0.0	38.1

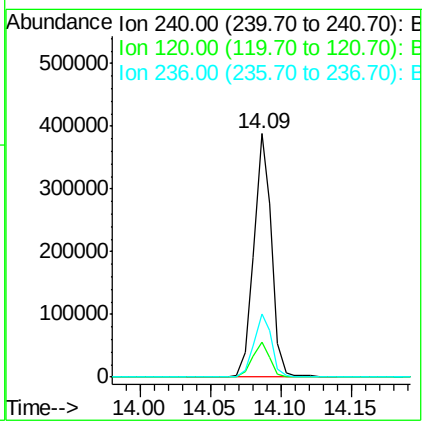


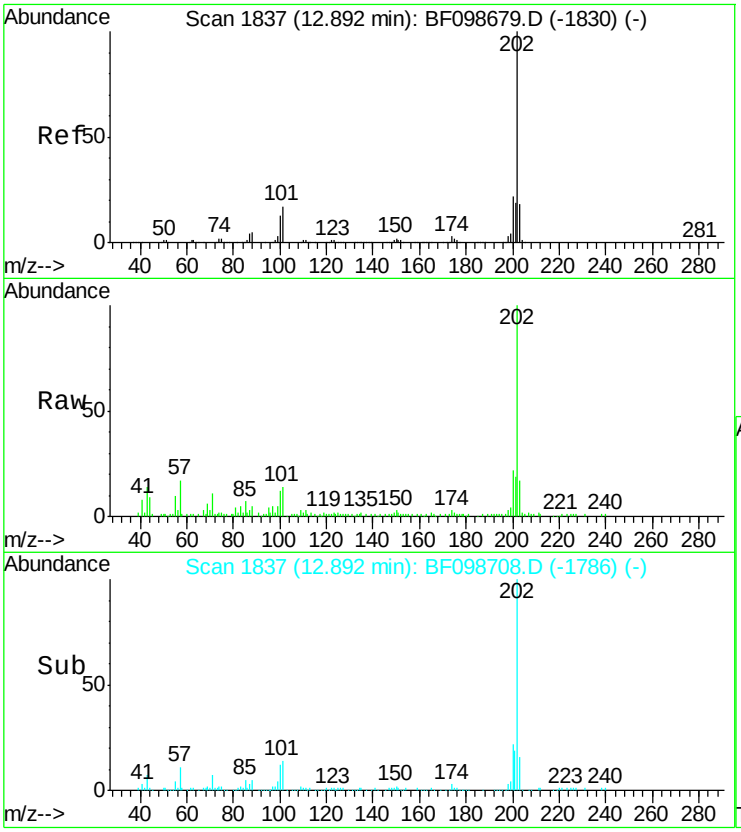


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:240 Resp: 342337

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.7	20.7	31.1



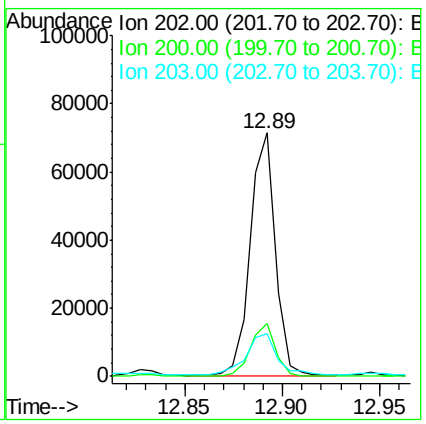


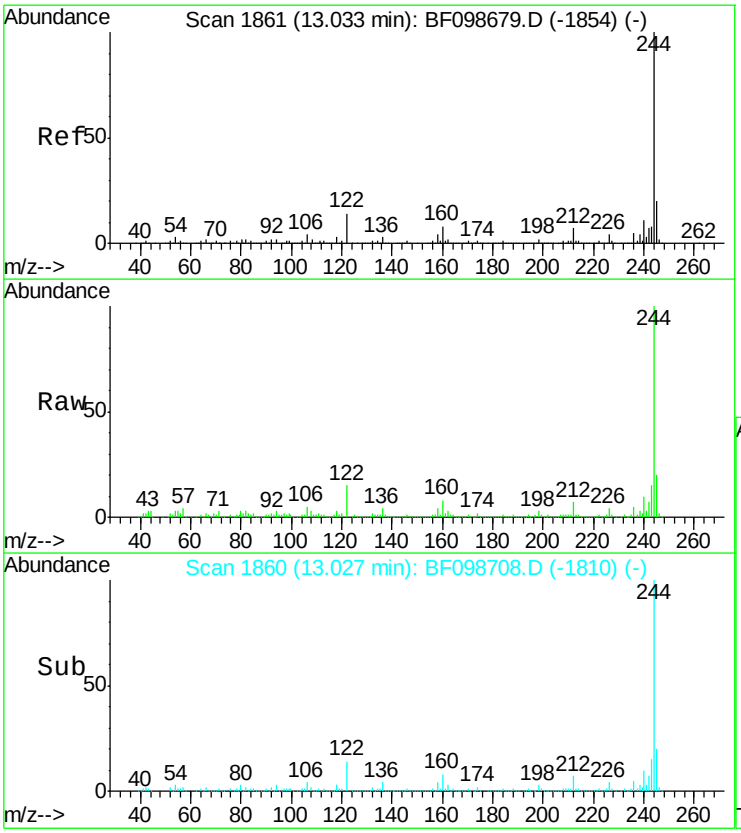
#77
Pyrene
Concen: 2.54 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:202 Resp: 64569

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.3	21.5

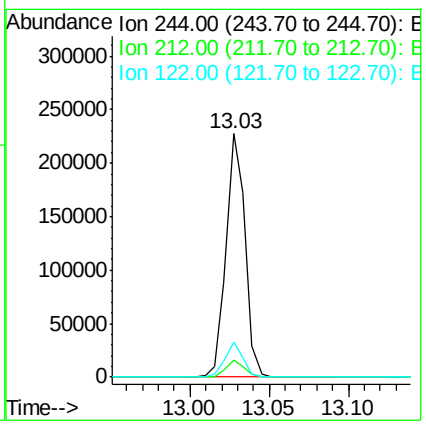


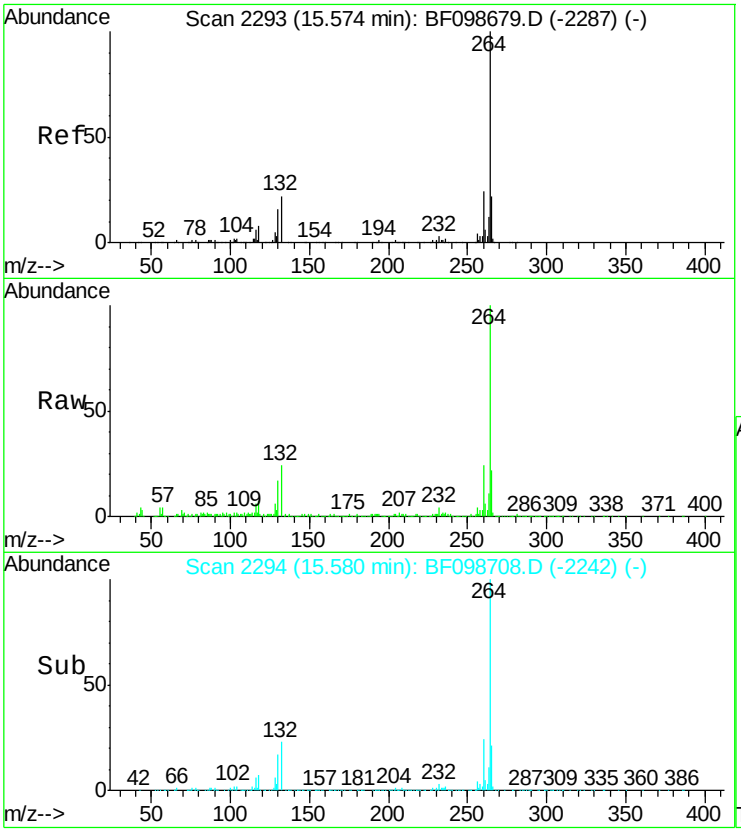


#78
Terphenyl-d14
Concen: 11.85 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:244 Resp: 188881

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4



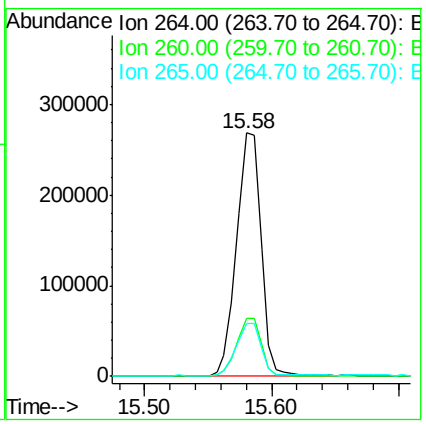


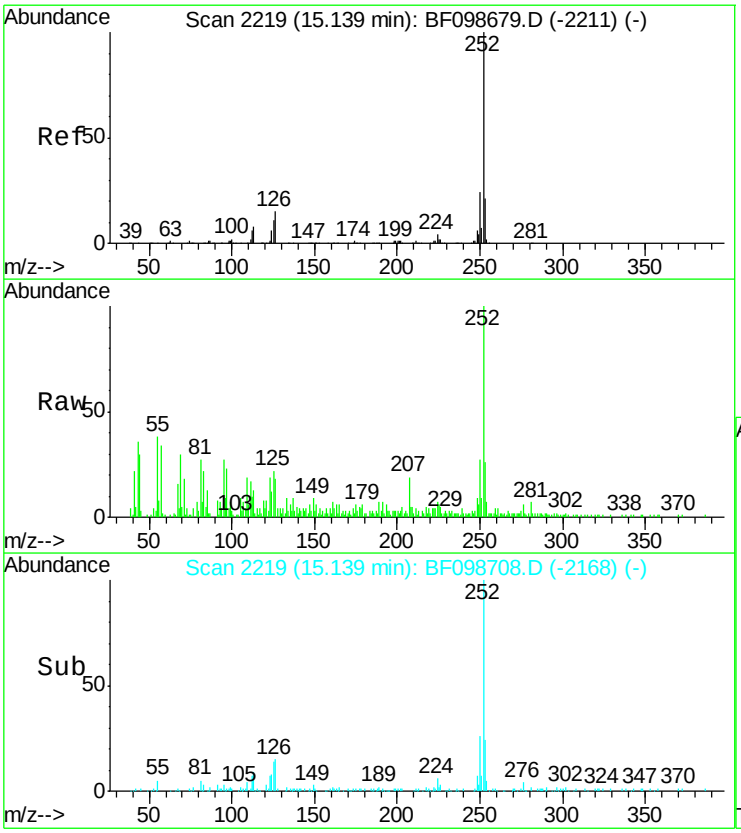
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:264 Resp: 357752

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

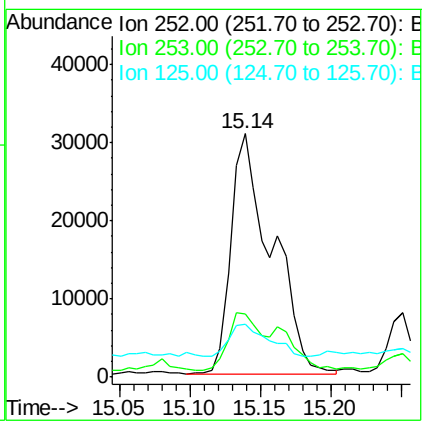


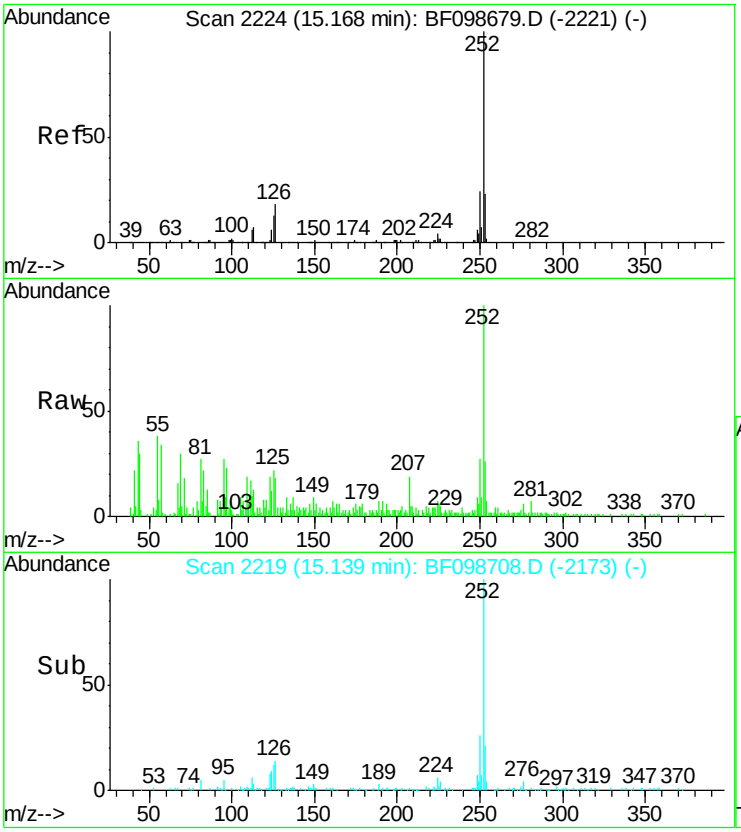


#87
Benzo(b)fluoranthene
Concen: 2.99 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Tgt Ion:252 Resp: 61991

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	21.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.99 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098708.D
Acq: 22 Sep 2017 20:49

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Tgt Ion:252 Resp: 61991

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	21.9	10.2	15.2#