Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098807.D
Acq On : 26 Sep 2017 2:46
Operator : SJ/JU
Sample : I5395-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 05:24:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	157593	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	651809	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	295092	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	466022	20.00	ng		0.00
75) Chrysene-d12	14.07	240	291230	20.00	ng		-0.01
86) Perylene-d12	15.57	264	279597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1502659	151.79	ng		0.00
7) Phenol-d6	6.55	99	1875922	153.61	ng		0.00
23) Nitrobenzene-d5	7.48	82	1118331	110.03	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	357873	148.21	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1809641	102.38	ng		0.00
78) Terphenyl-d14	13.03	244	1284406	100.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	30792	4.347	ng		82
10) Phenol	6.56	94	46856	3.431	ng		93
19) n-Nitroso-di-n-propylamine	7.48	70	146756	18.822	ng	#	76
25) Isophorone	7.48	82	1113834	53.005	ng	#	64
49) Dimethylphthalate	9.66	163	221138	9.929	ng		99
53) 2,4-Dinitrophenol	10.23	184	150	5.883	ng	#	16
56) 2,4-Dinitrotoluene	9.95	165	38396	6.102	ng	#	23
66) 4-Bromophenyl-phenylether	10.75	248	23702	5.196	ng	#	1
70) Phenanthrene	11.46	178	60691	2.433	ng		100
71) Anthracene	11.46	178	60691	2.378	ng		99
74) Fluoranthene	12.65	202	51720	2.048	ng		98

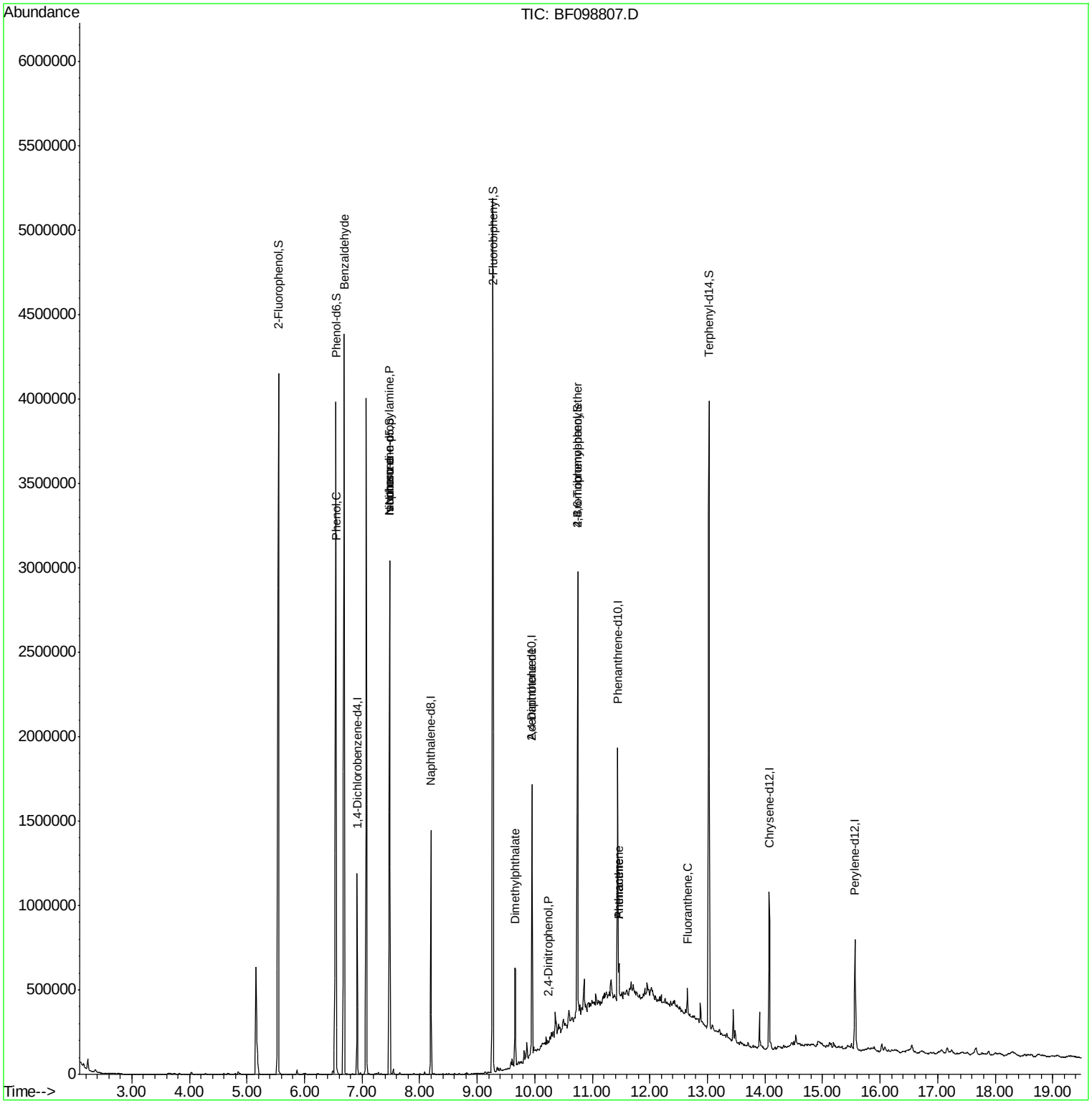
(#) = qualifier out of range (m) = manual integration (+) = signals summed

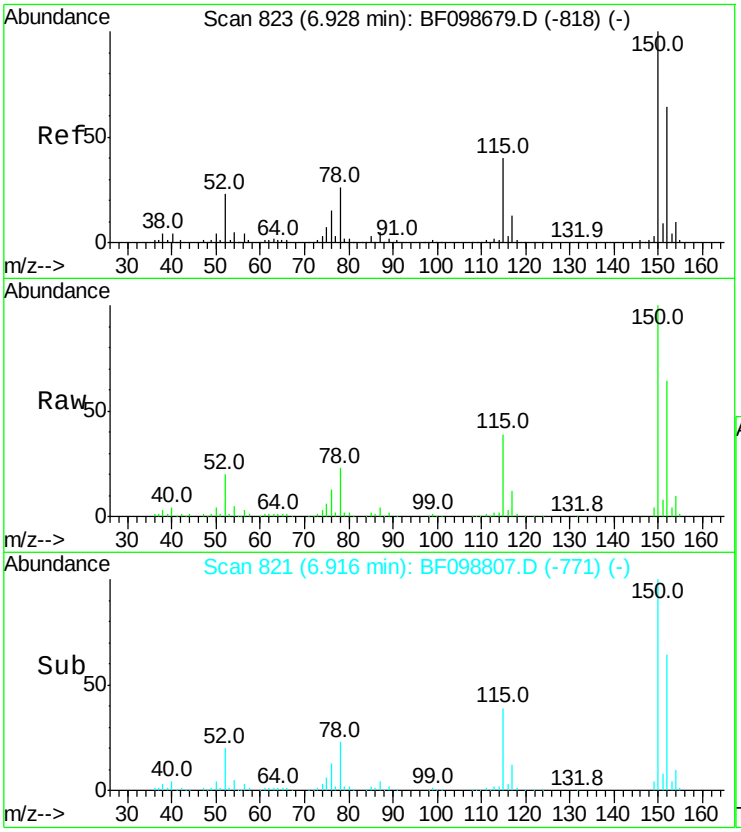
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098807.D
Acq On : 26 Sep 2017 2:46
Operator : SJ/JU
Sample : I5395-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 05:24:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



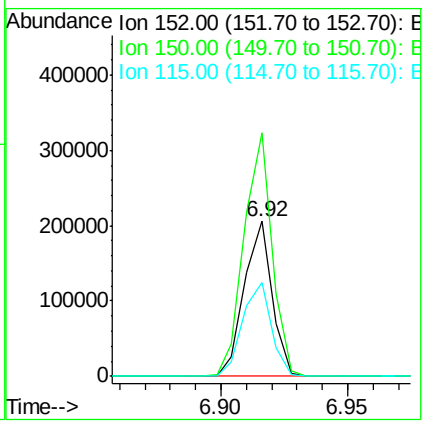


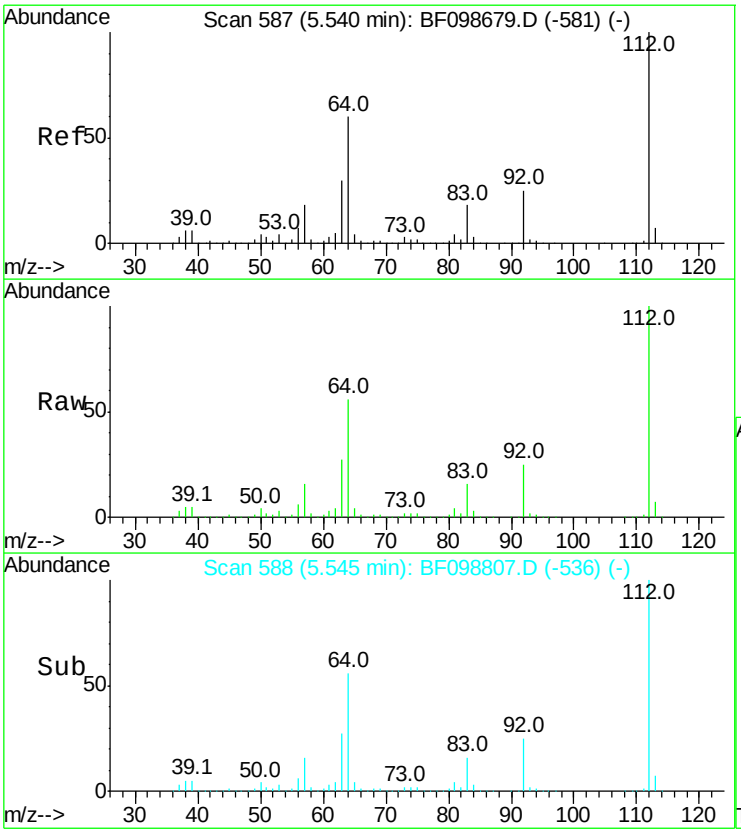
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157593

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.9	50.1	75.1

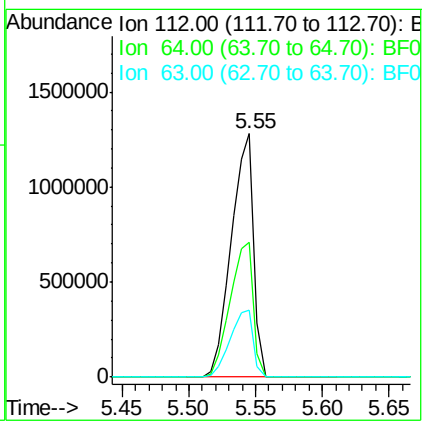


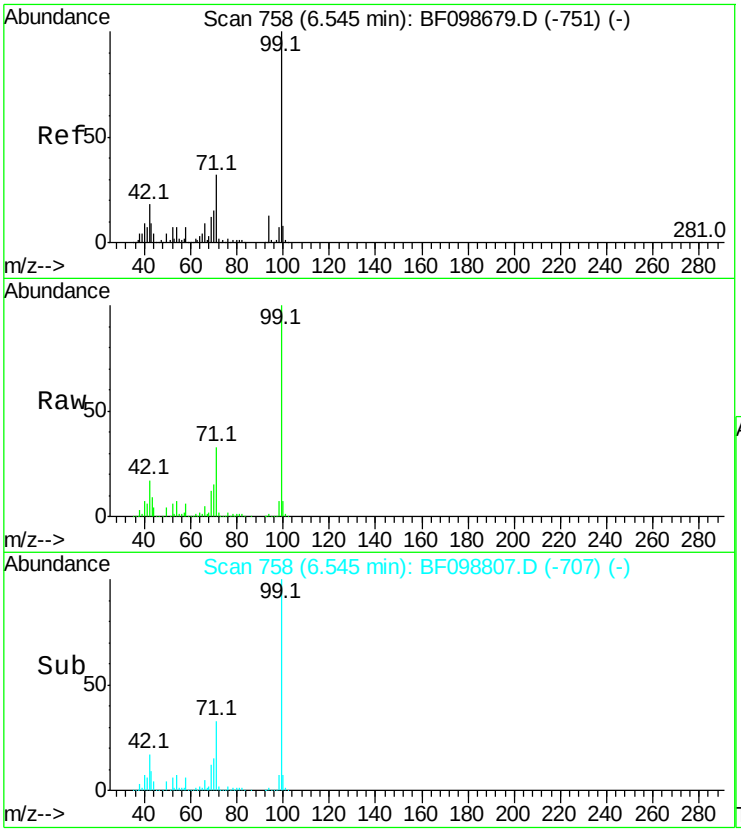


#5
2-Fluorophenol
Concen: 151.789 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:112 Resp: 1502659

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.4	23.7	35.5



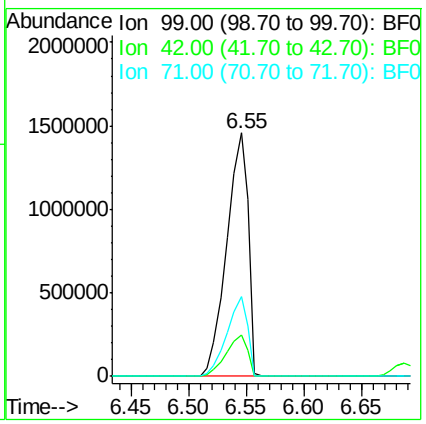


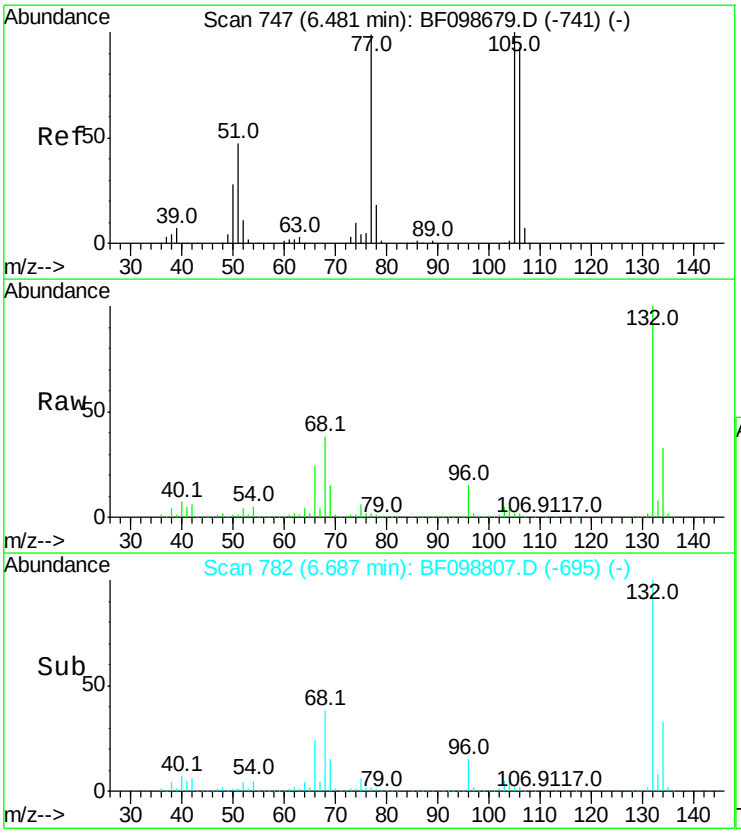
#7
Phenol-d6
Concen: 153.608 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1875922

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	32.7	25.4	38.0

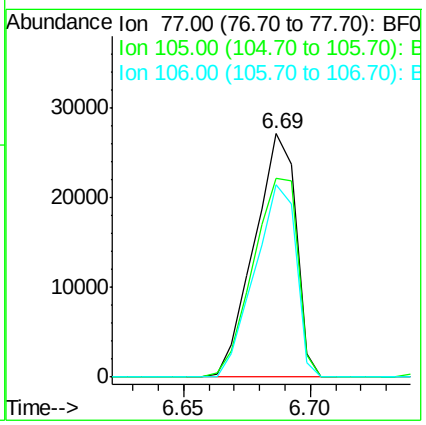


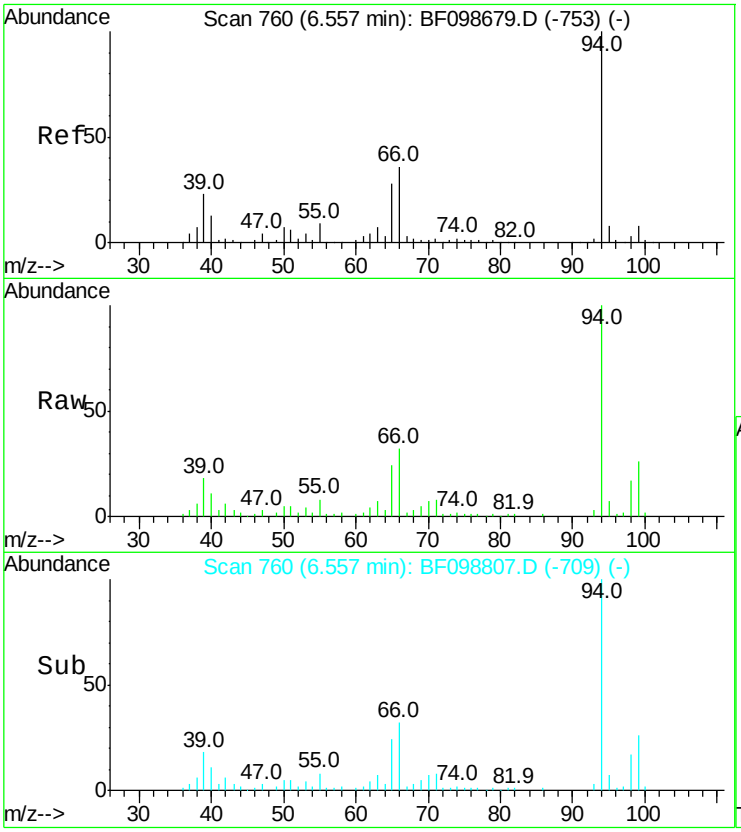


#9
Benzaldehyde
Concen: 4.347 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.21 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion: 77 Resp: 30792

Ion	Ratio	Lower	Upper
77	100		
105	81.5	81.1	121.1
106	79.1	74.5	114.5



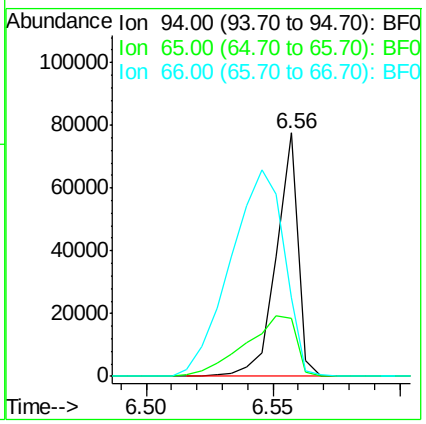


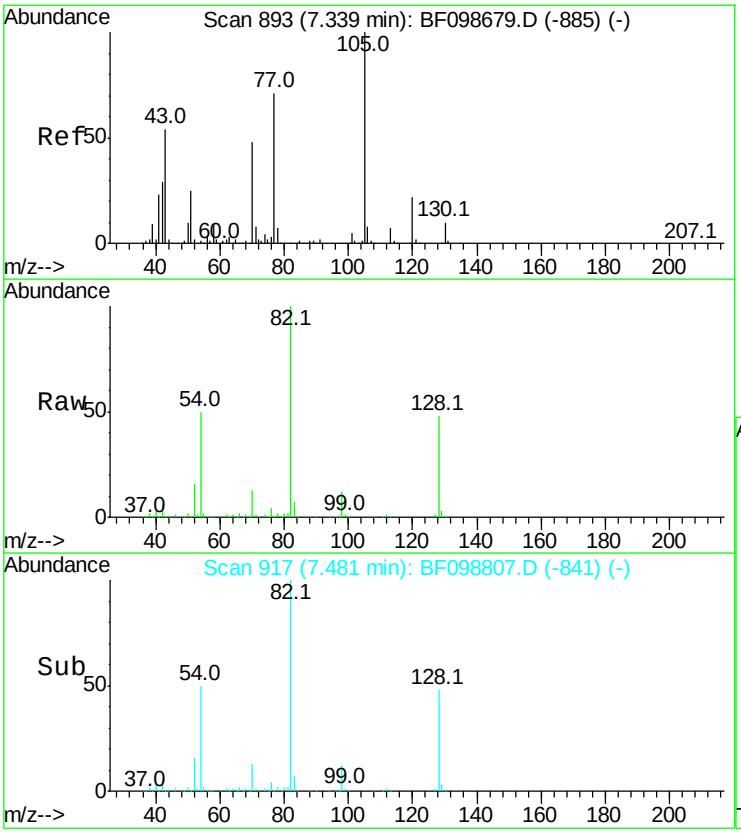
#10
Phenol
Concen: 3.431 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 46856

Ion	Ratio	Lower	Upper
94	100		
65	23.7	7.9	47.9
66	32.3	16.2	56.2

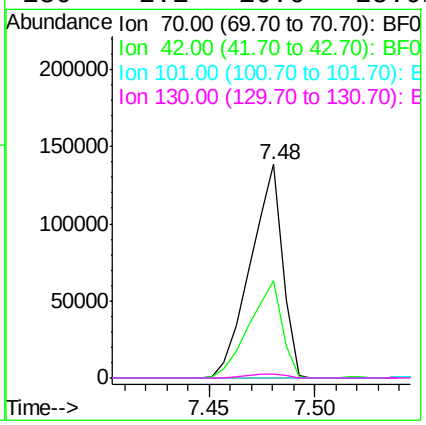


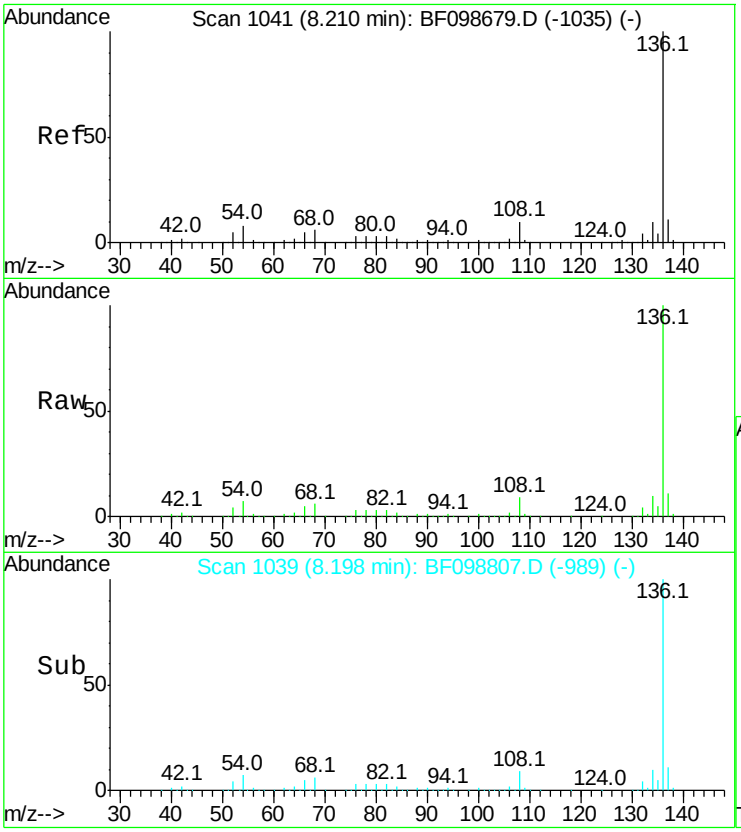


#19
n-Nitroso-di-n-propylamine
Concen: 18.822 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion: 70 Resp: 146756

Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



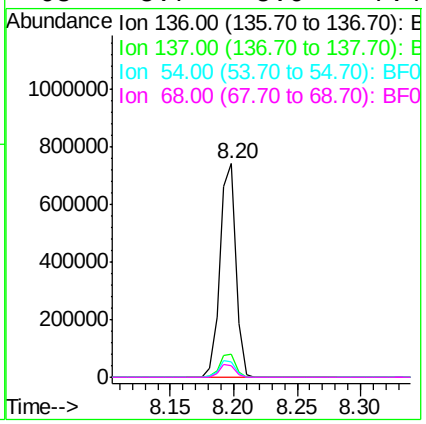


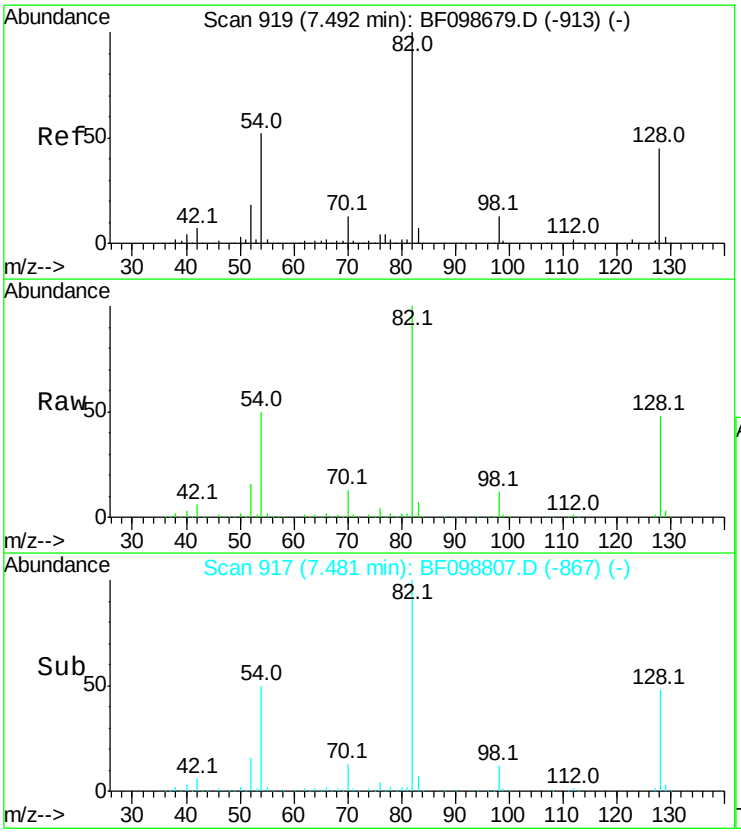
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 651809

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

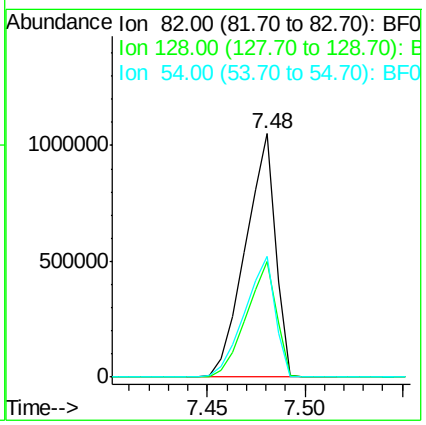


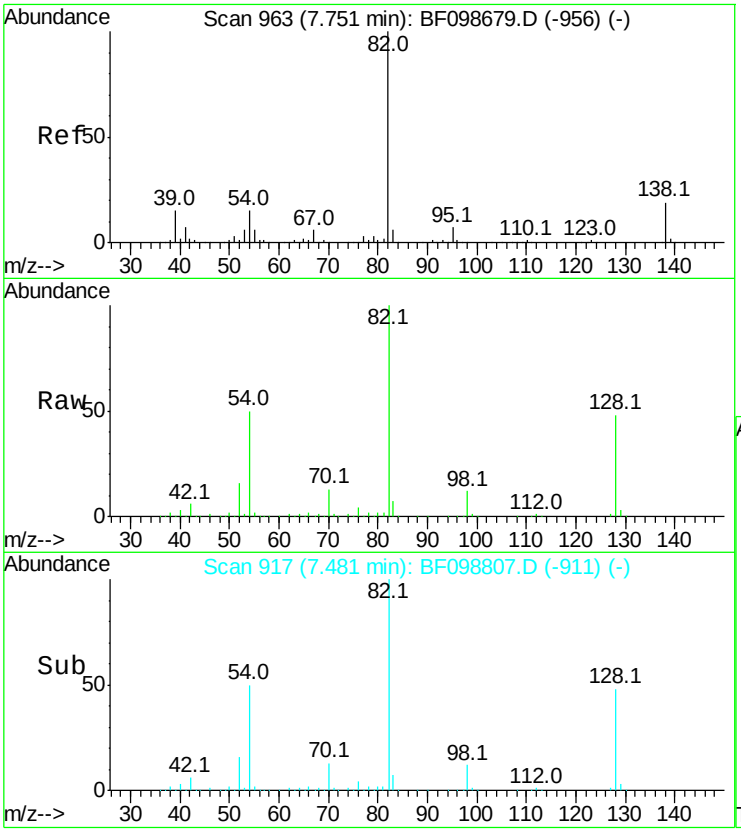


#23
Nitrobenzene-d5
Concen: 110.030 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion: 82 Resp: 1118331

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	49.6	41.4	62.2



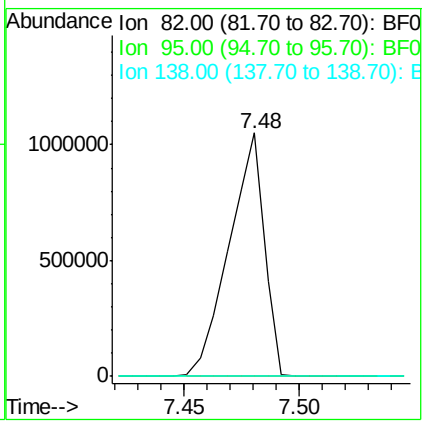


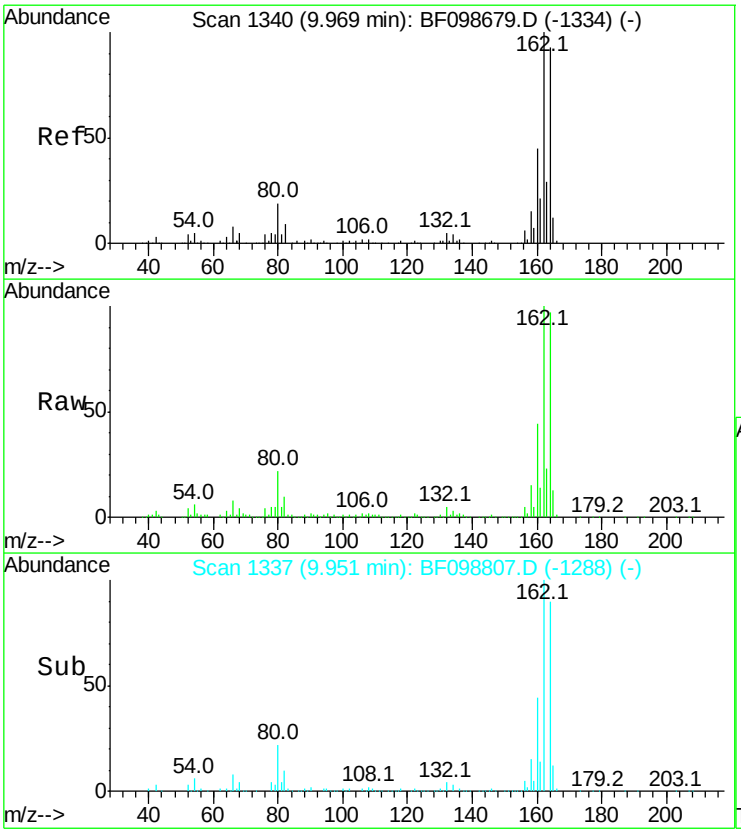
#25
Isophorone
Concen: 53.005 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1113834

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

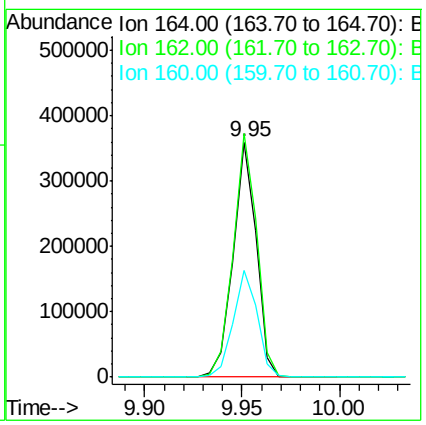


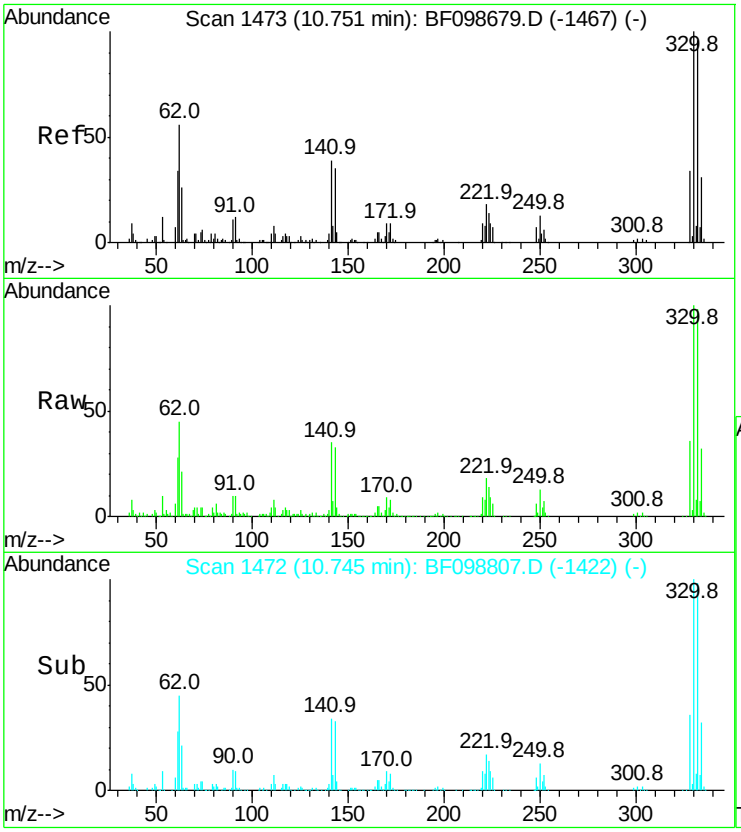


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:164 Resp: 295092

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.4	38.3	57.5



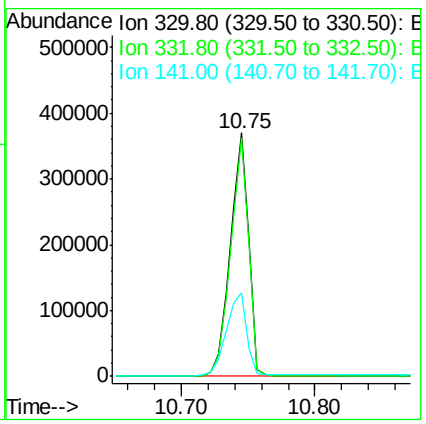


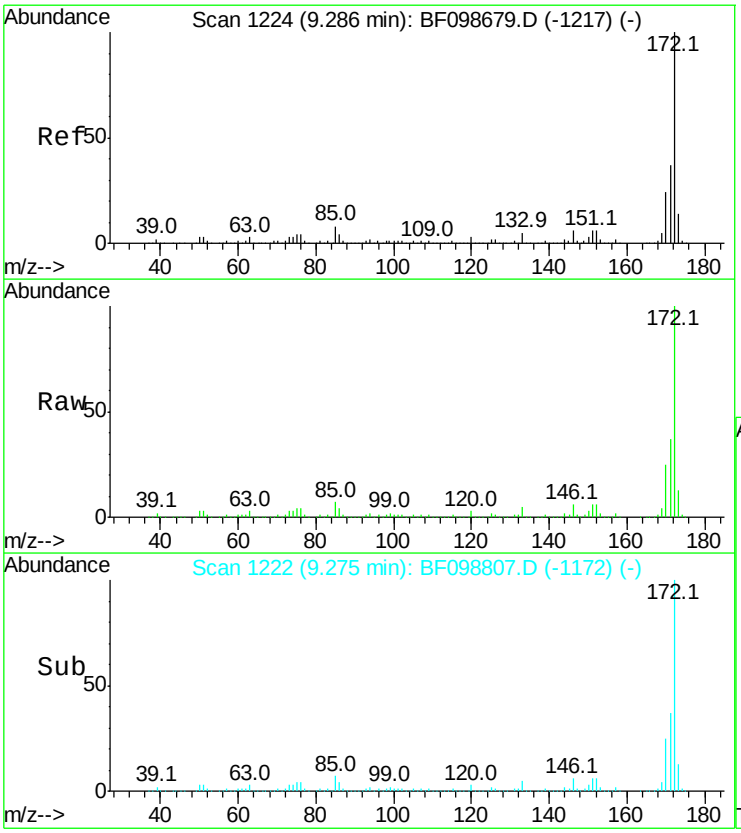
#41
2,4,6-Tribromophenol
Concen: 148.209 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 357873

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.3	29.9	44.9

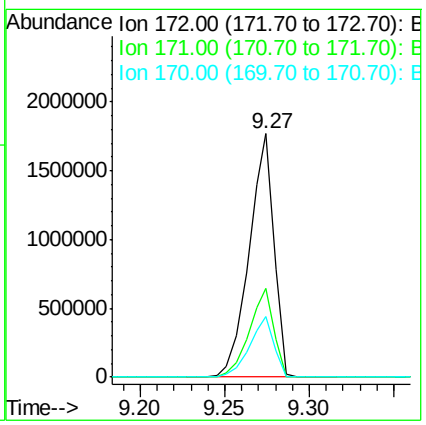


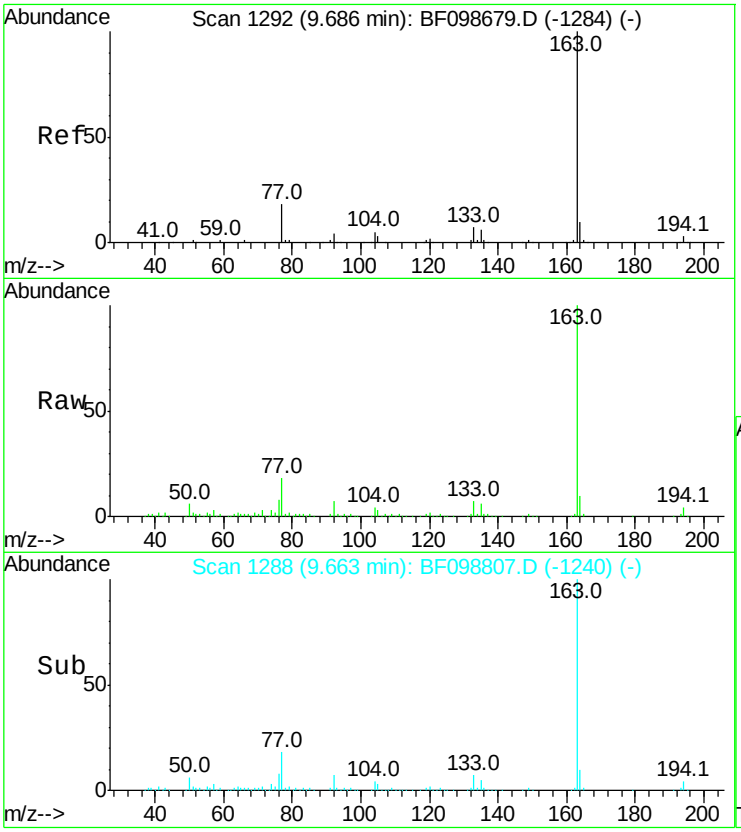


#44
2-Fluorobiphenyl
Concen: 102.376 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:172 Resp: 1809641

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.8	19.6	29.4



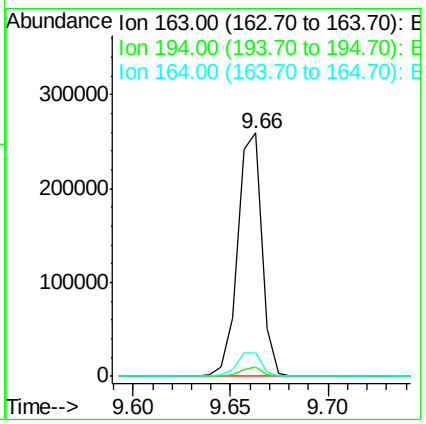


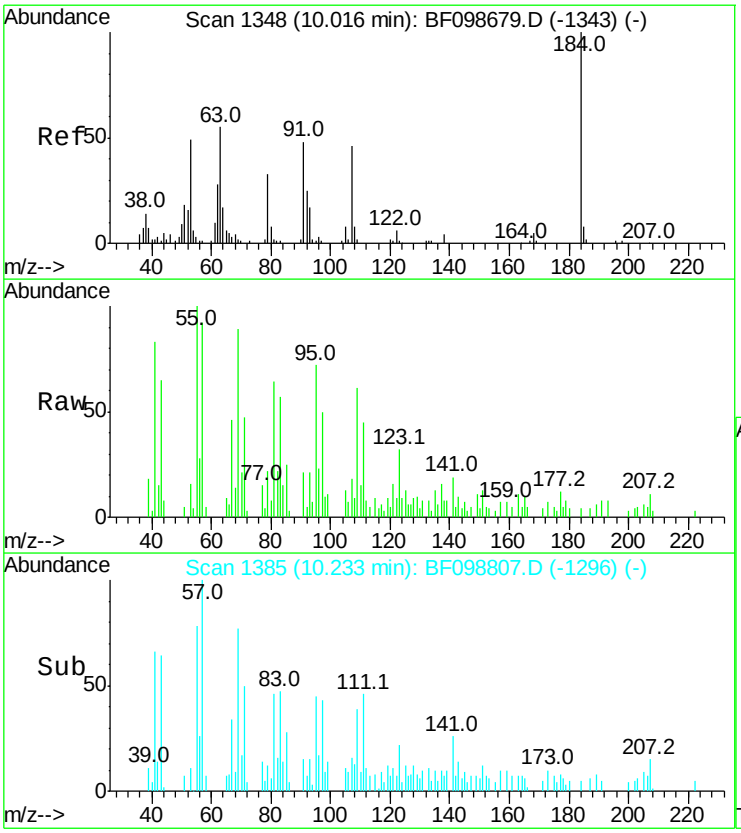
#49
Dimethylphthalate
Concen: 9.929 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 221138

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

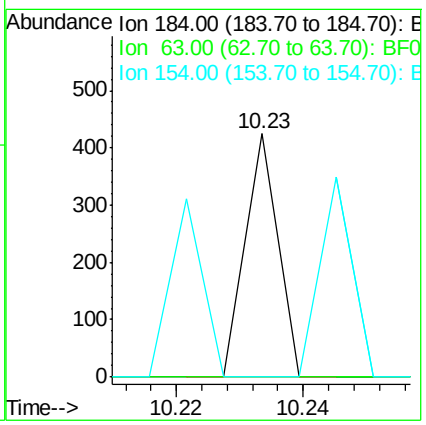


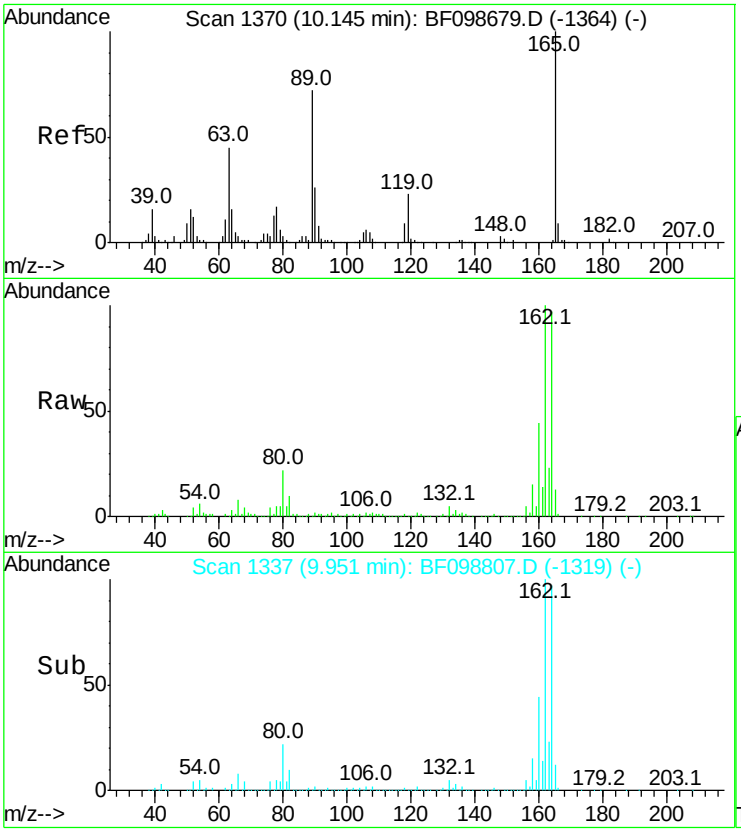


#53
2,4-Dinitrophenol
Concen: 5.883 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.22 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:184 Resp: 150

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	53.5	80.3#



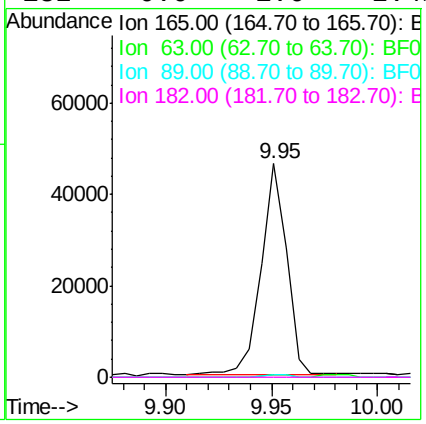


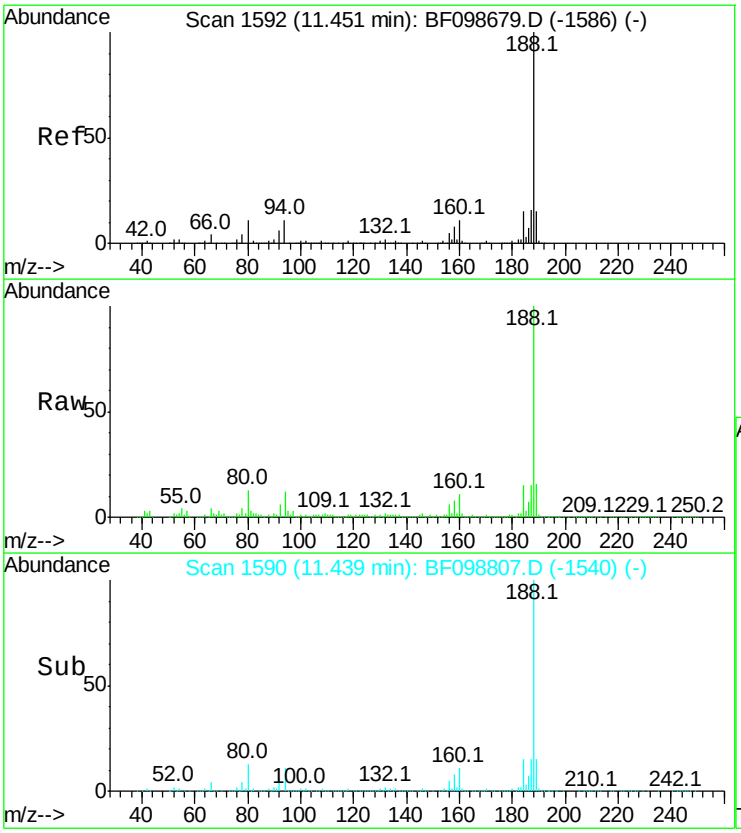
#56
2,4-Dinitrotoluene
Concen: 6.102 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38396

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

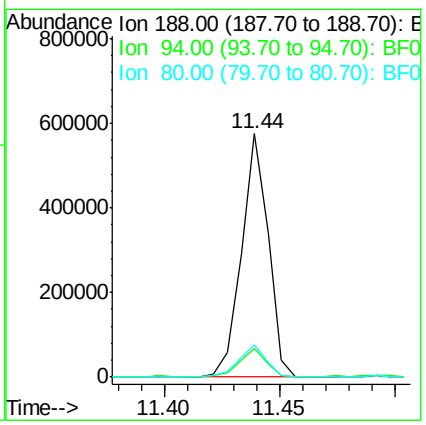


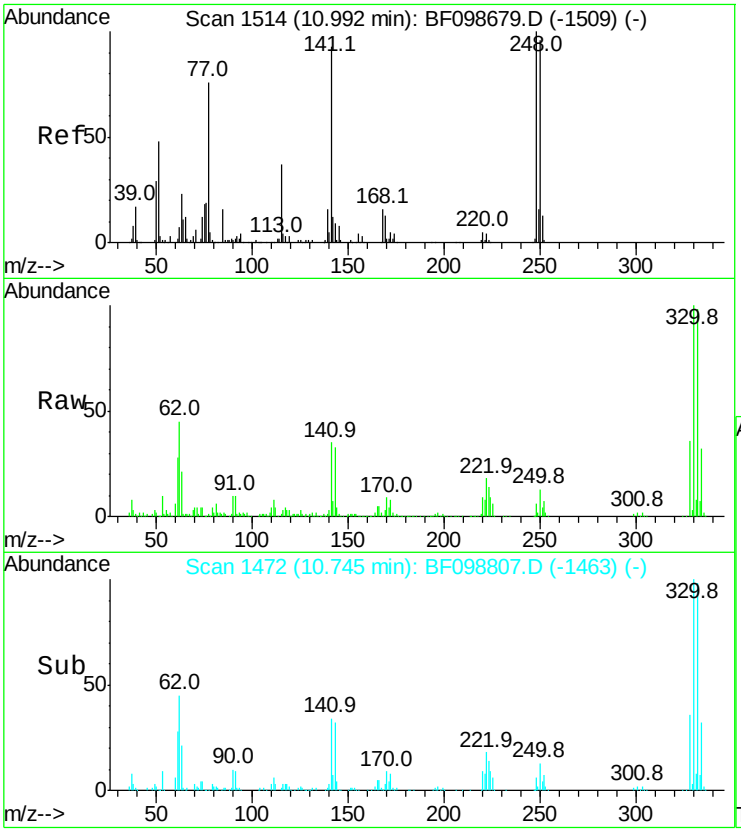


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:188 Resp: 466022

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.1	9.2	13.8



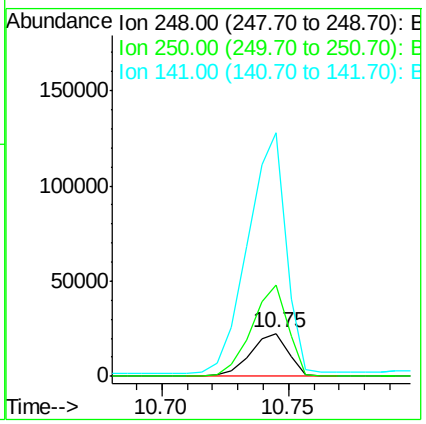


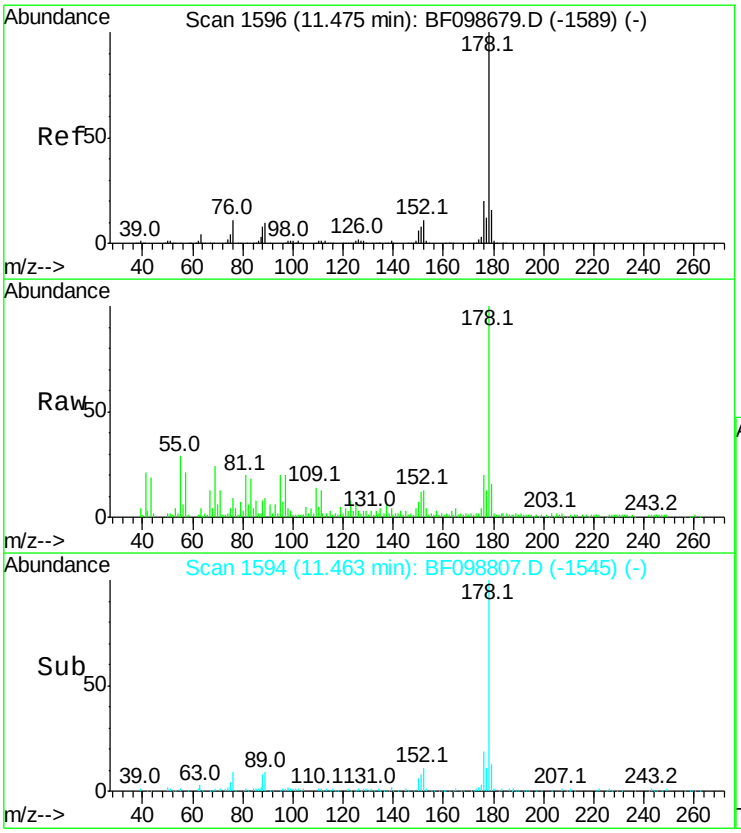
#66
4-Bromophenyl-phenylether
Concen: 5.196 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23702

Ion	Ratio	Lower	Upper
248	100		
250	212.8	76.9	115.3#
141	565.0	74.4	111.6#

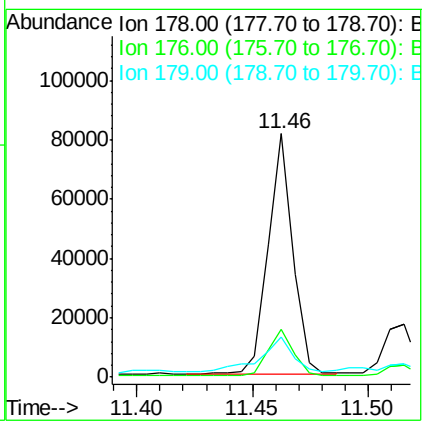


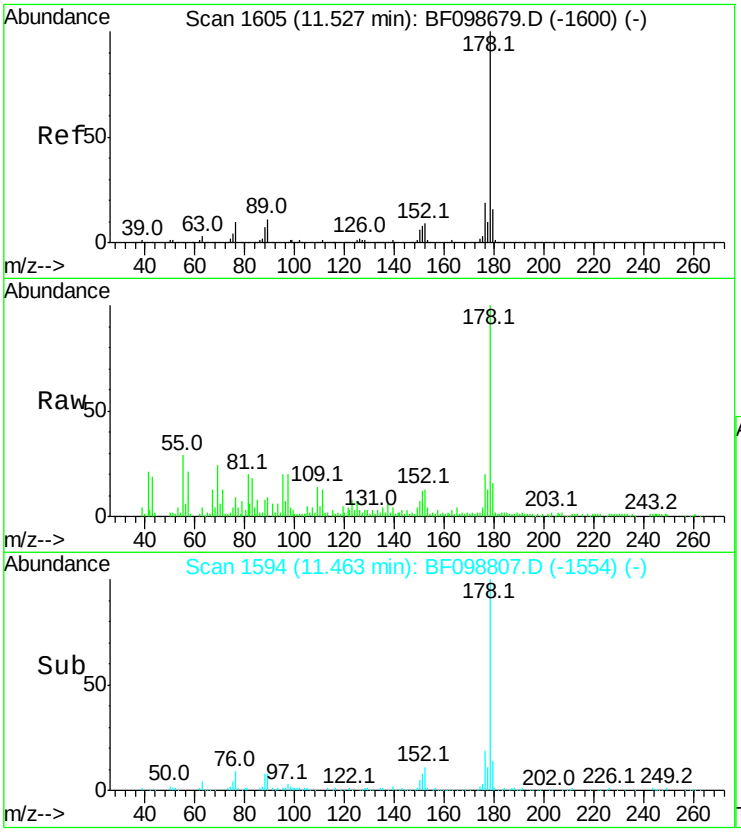


#70
Phenanthrene
Concen: 2.433 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:178 Resp: 60691

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.4	13.0	19.6



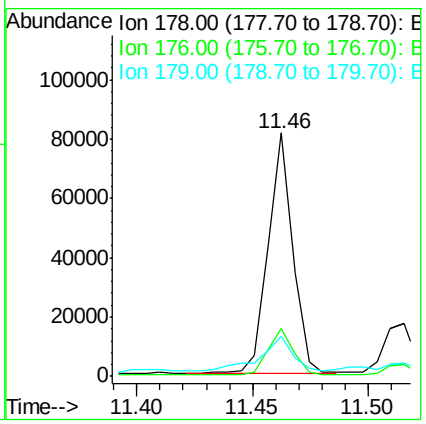


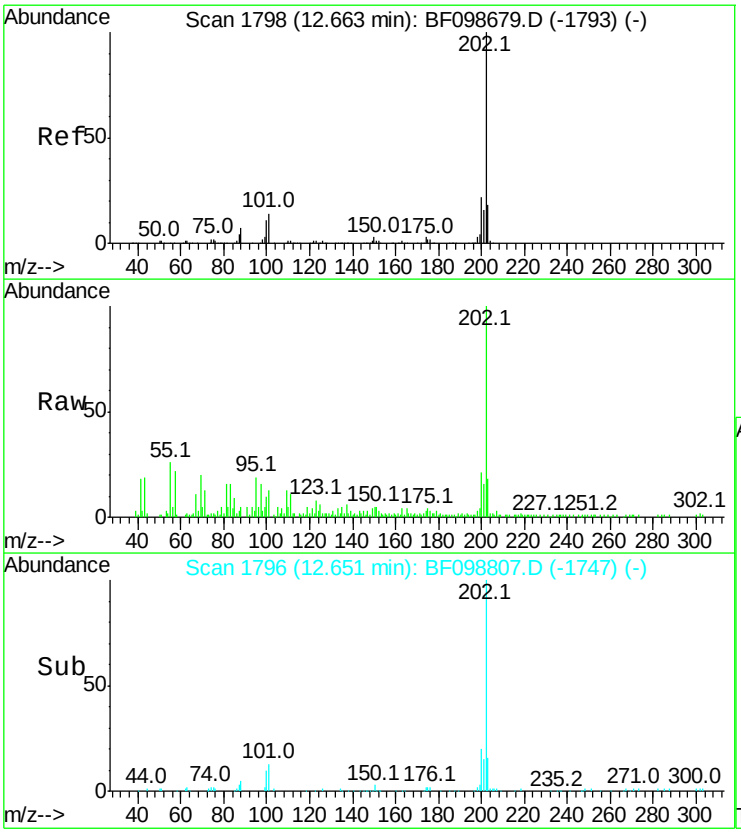
#71
Anthracene
Concen: 2.378 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.06 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 60691

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.4	12.6	19.0

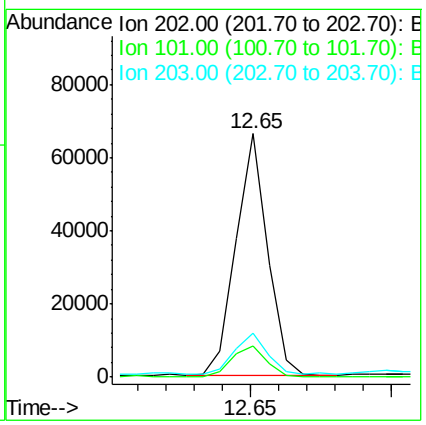


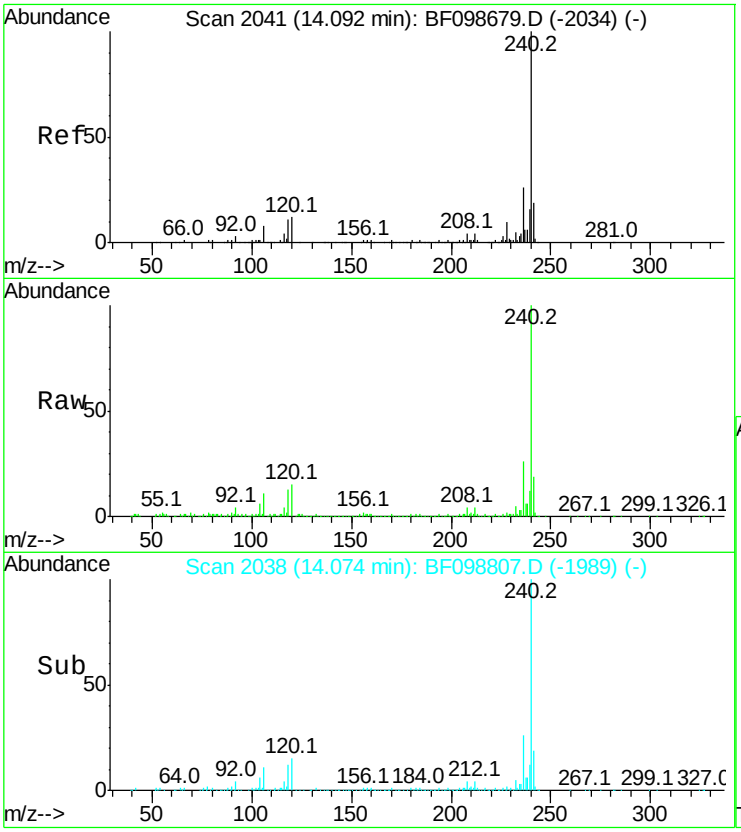


#74
Fluoranthene
Concen: 2.048 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:202 Resp: 51720

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.0	0.0	38.1



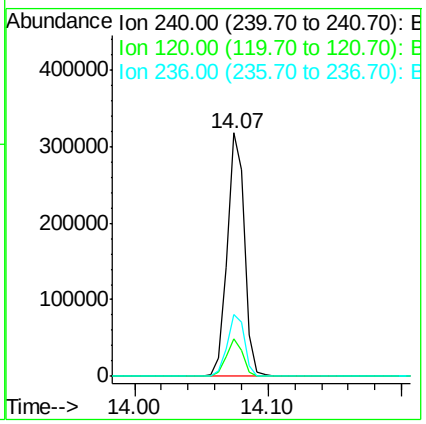


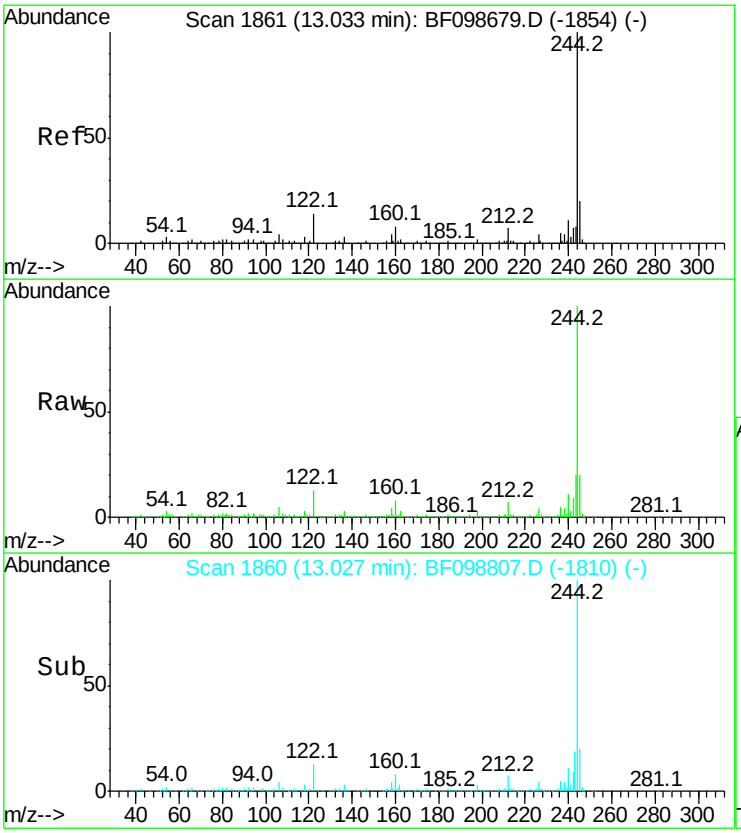
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291230

Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	25.7	20.7	31.1

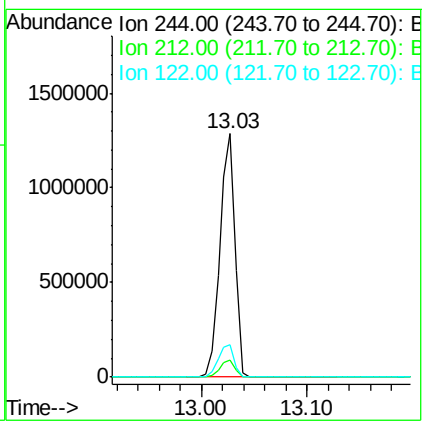


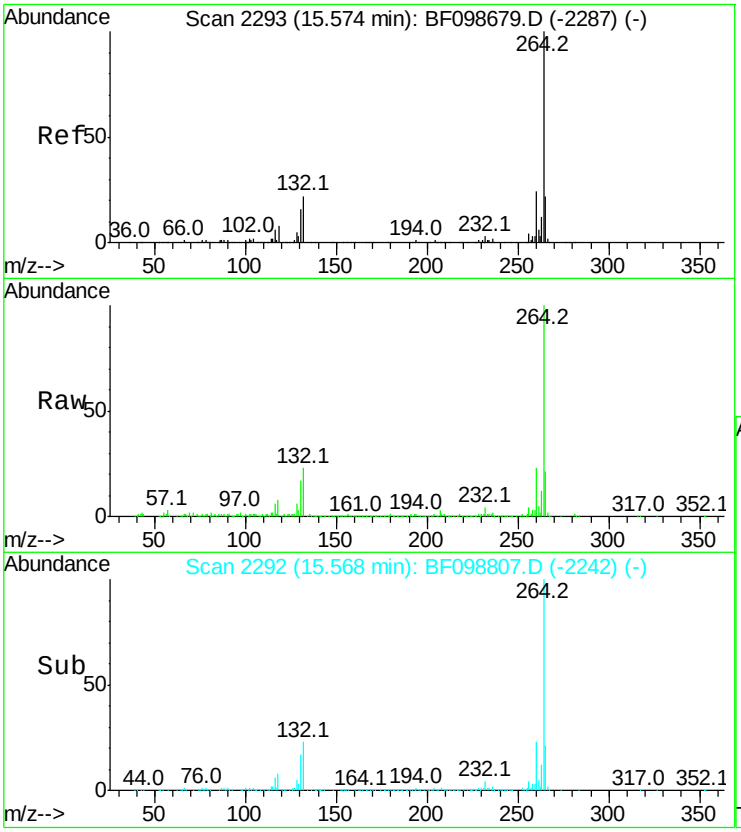


#78
Terphenyl-d14
Concen: 100.299 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion:244 Resp: 1284406

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 279597

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3