Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099064.D
Acq On : 4 Oct 2017 7:23
Operator : SJ/JU
Sample : I5531-13DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 04 10:33:03 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	6.87	152	113821	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	386434	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	128506	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	203432	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	235921	20.00	ng		-0.05
86) Perylene-d12	15.51	264	237552	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	227583	31.83	ng		-0.06
7) Phenol-d6	6.49	99	257818	29.23	ng		-0.05
23) Nitrobenzene-d5	7.43	82	140301	23.28	ng		-0.06
41) 2,4,6-Tribromophenol	10.70	330	25951	24.68	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	208360	27.07	ng		-0.05
78) Terphenyl-d14	12.97	244	157939	15.22	ng		-0.06
Target Compounds							Qvalue
18) Hexachloroethane	7.40	117	15329	4.943	ng	#	1
31) Naphthalene	8.17	128	38784	2.137	ng	#	80
35) Caprolactam	8.61	113	3813	2.230	ng	#	1
37) 2-Methylnaphthalene	8.87	142	376027	31.871	ng		98
49) Dimethylphthalate	9.62	163	35220	3.631	ng	#	64
51) Acenaphthene	9.95	154	27148	3.376	ng	#	78
53) 2,4-Dinitrophenol	10.10	184	594	6.329	ng	#	1
54) Dibenzofuran	10.12	168	31508	2.943	ng	#	1
55) 4-Nitrophenol	10.02	139	20737	9.961	ng	#	59
57) Fluorene	10.46	166	48588	5.646	ng	#	90
61) 4-Nitroaniline	10.36	138	4784	2.014	ng		90
65) n-Nitrosodiphenylamine	10.57	169	77308	10.970	ng	#	48
70) Phenanthrene	11.42	178	155571	14.287	ng		97
71) Anthracene	11.42	178	155571	13.963	ng		97
74) Fluoranthene	12.61	202	33577	3.045	ng		98
77) Pyrene	12.84	202	38957	2.165	ng		97
87) Benzo(b)fluoranthene	15.07	252	33173	2.271	ng	#	92
88) Benzo(k)fluoranthene	15.07	252	33173	2.300	ng	#	95

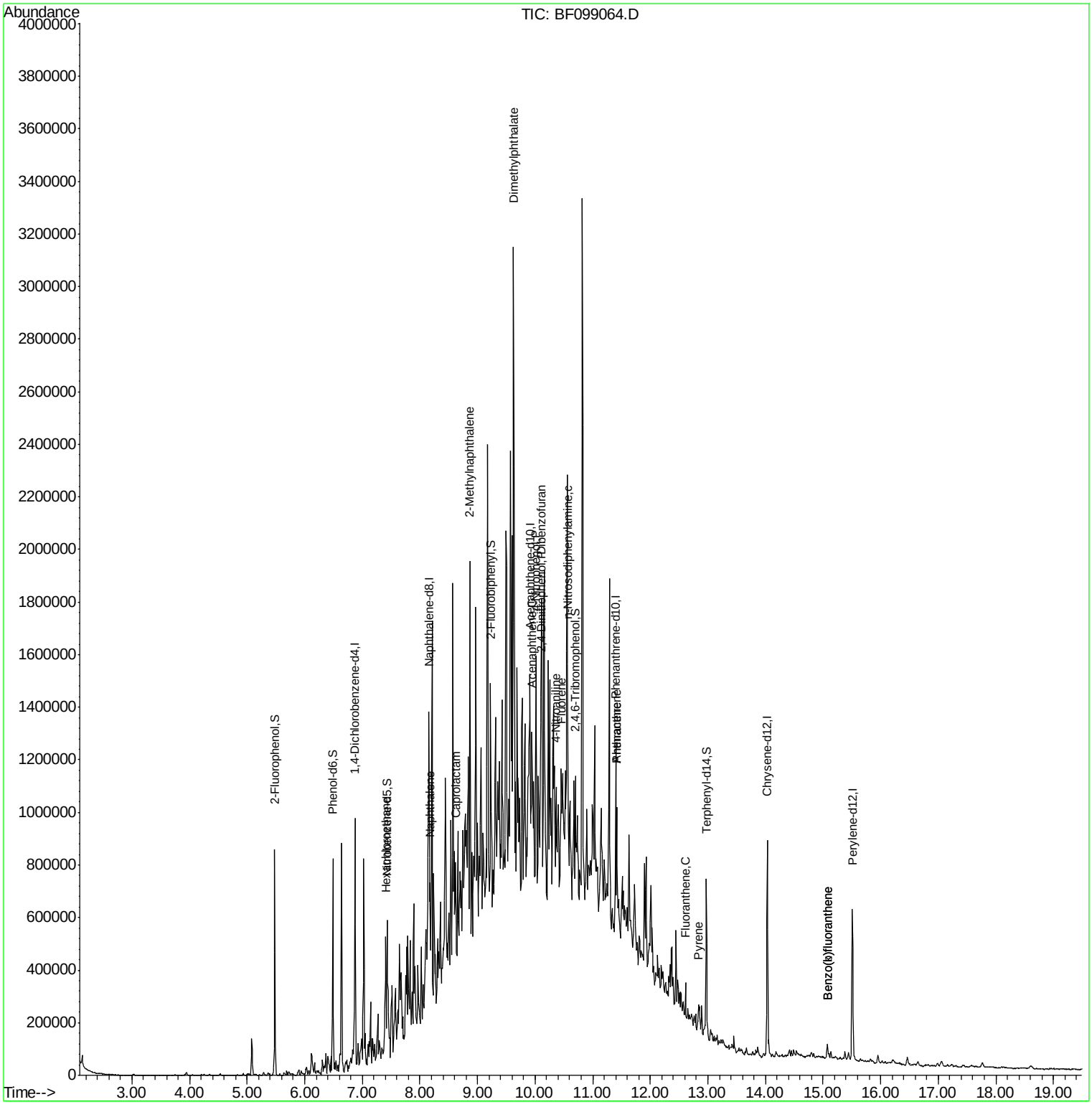
(#) = qualifier out of range (m) = manual integration (+) = signals summed

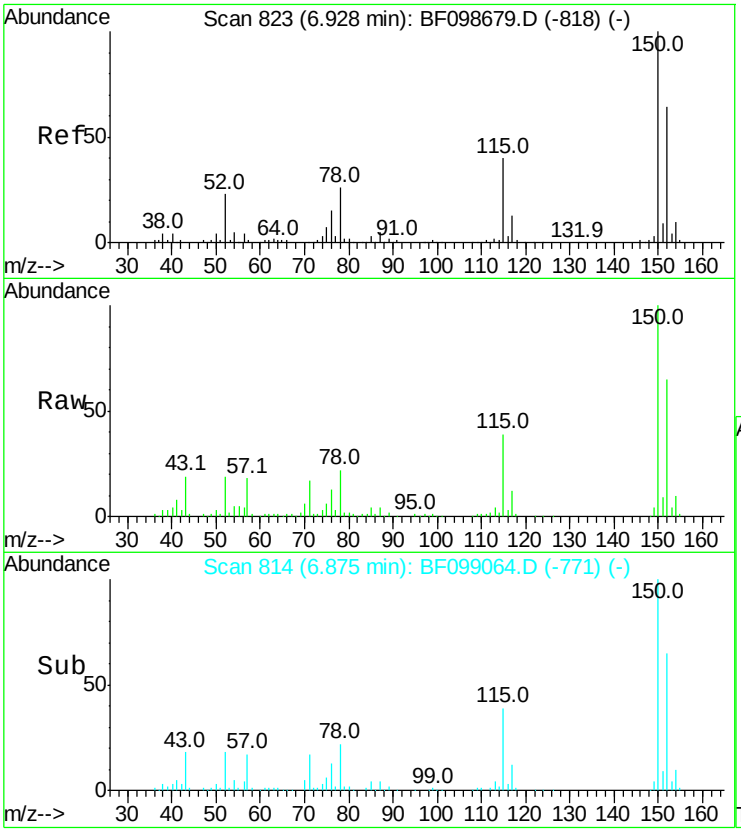
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099064.D
Acq On : 4 Oct 2017 7:23
Operator : SJ/JU
Sample : I5531-13DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 04 10:33:03 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



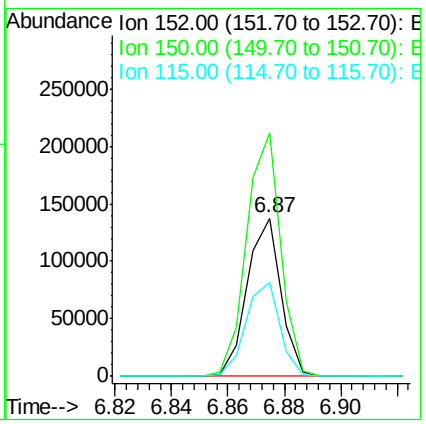


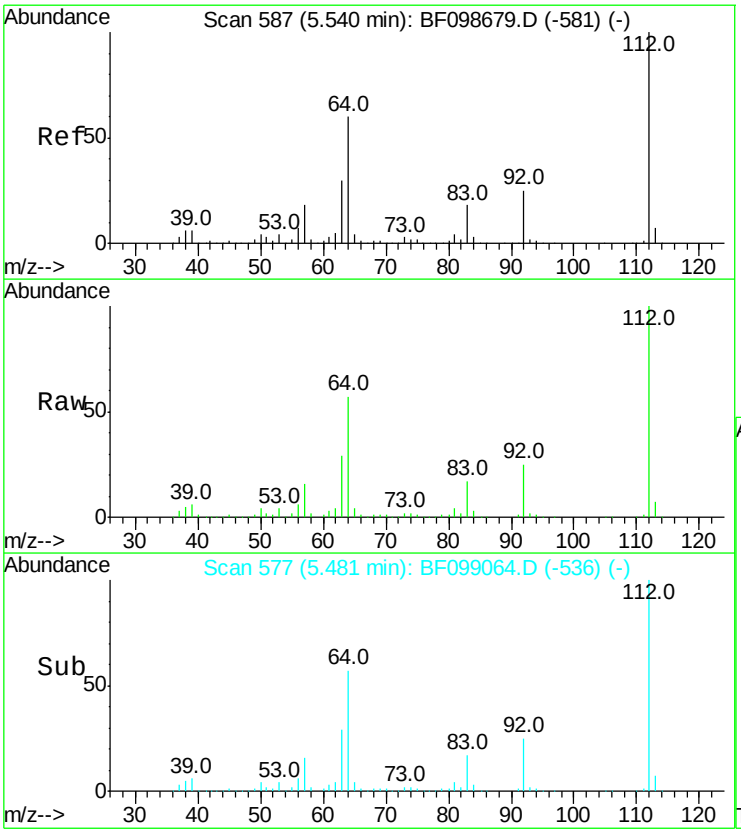
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113821

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.4	50.1	75.1

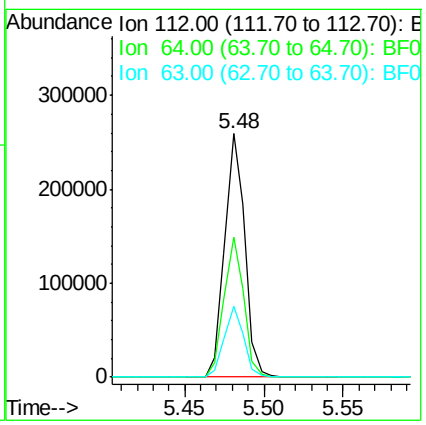


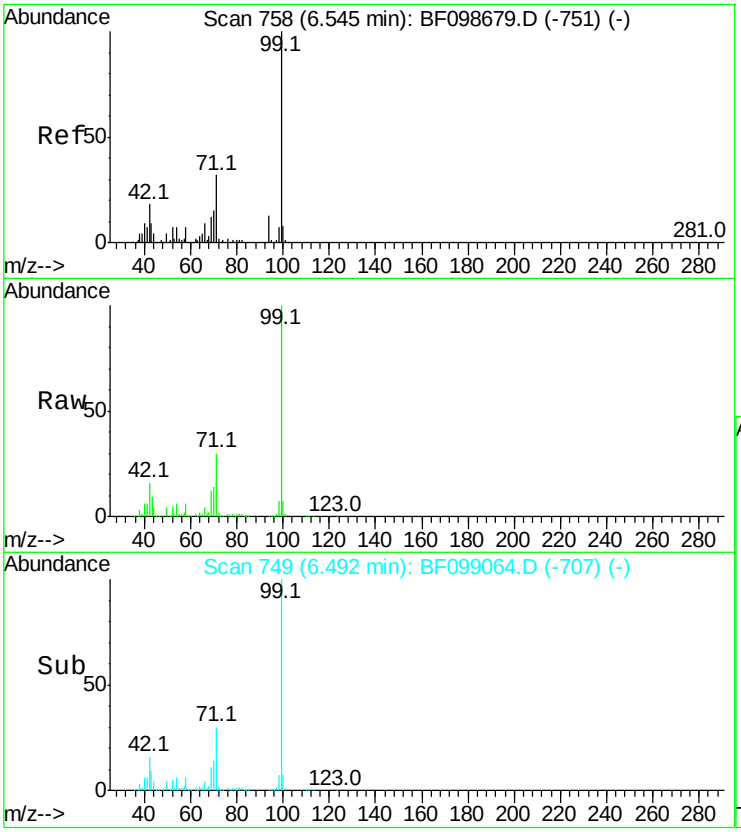


#5
2-Fluorophenol
Concen: 31.830 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:112 Resp: 227583

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.9	23.7	35.5



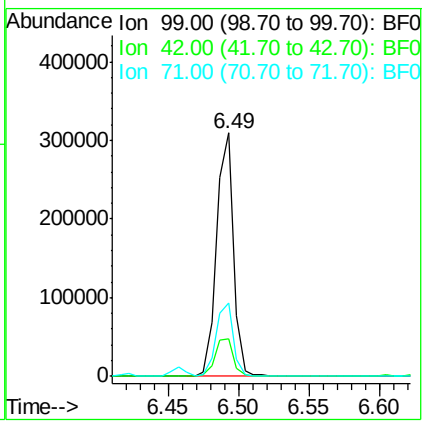


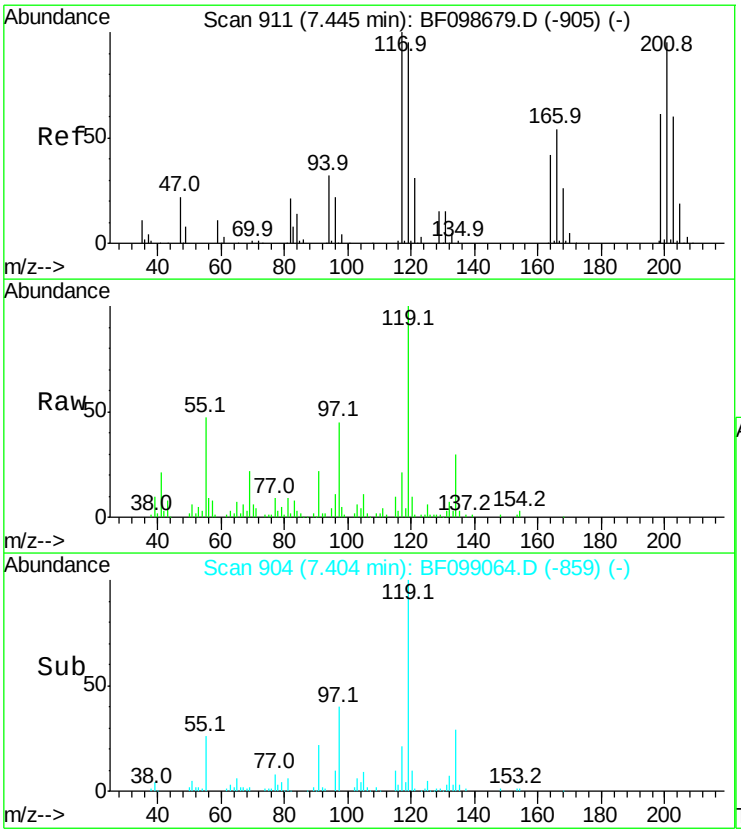
#7
Phenol-d6
Concen: 29.230 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 257818

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	29.9	25.4	38.0

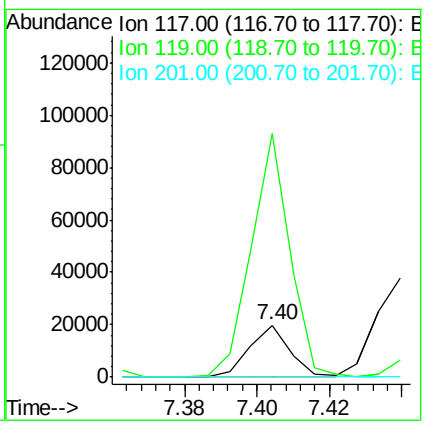


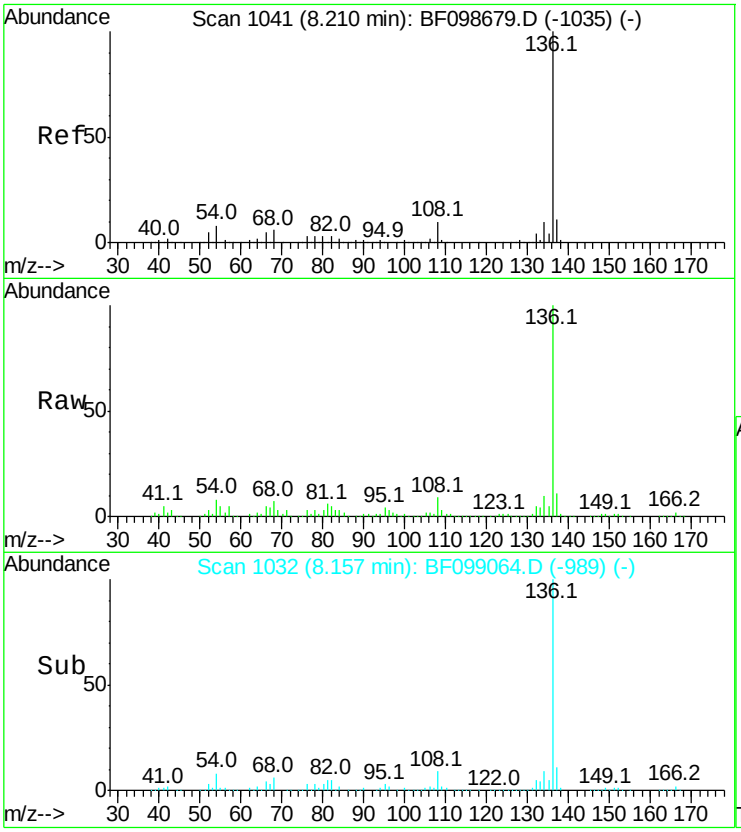


#18
Hexachloroethane
Concen: 4.943 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:117 Resp: 15329

Ion	Ratio	Lower	Upper
117	100		
119	470.0	75.8	113.8#
201	0.0	75.7	113.5#



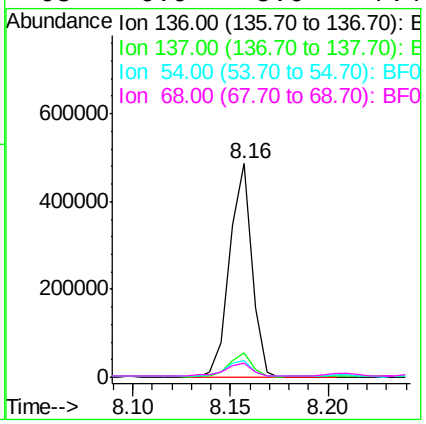


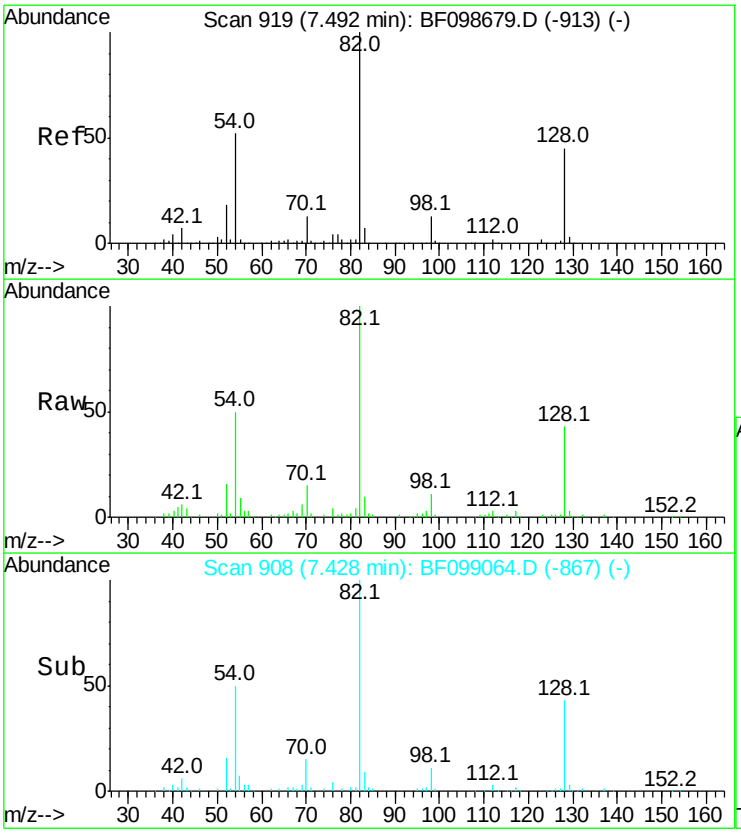
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 386434

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.8	6.6	9.8
68	6.9	5.0	7.4

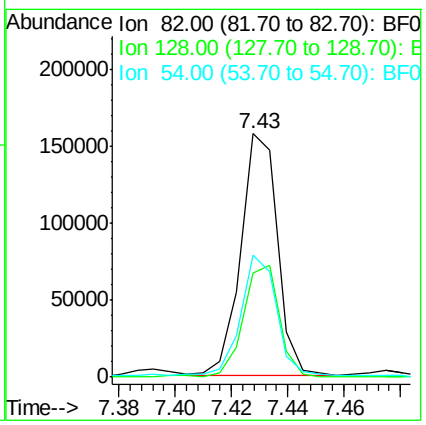


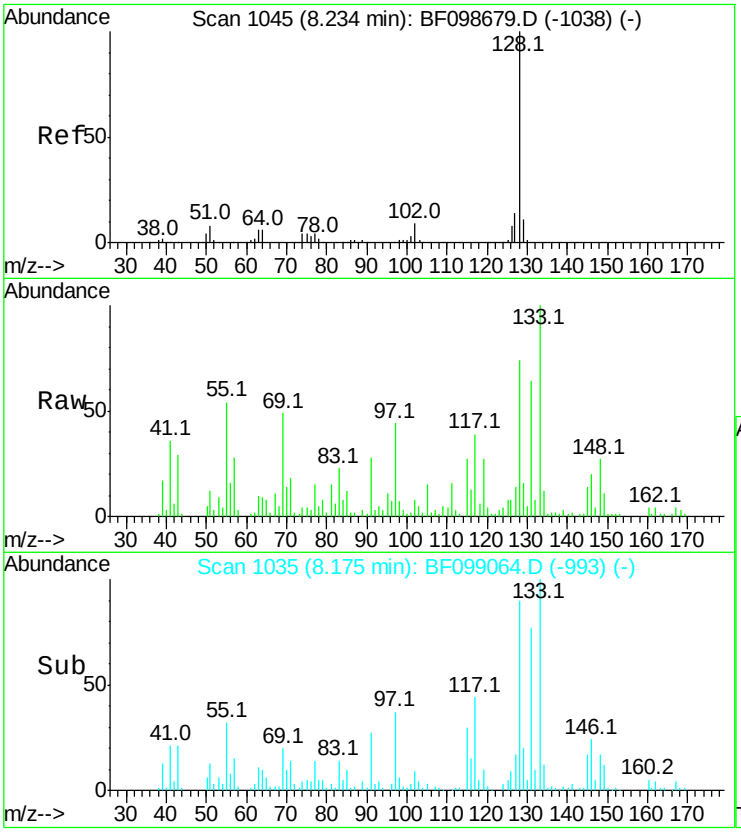


#23
Nitrobenzene-d5
Concen: 23.283 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion: 82 Resp: 140301

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	50.3	41.4	62.2



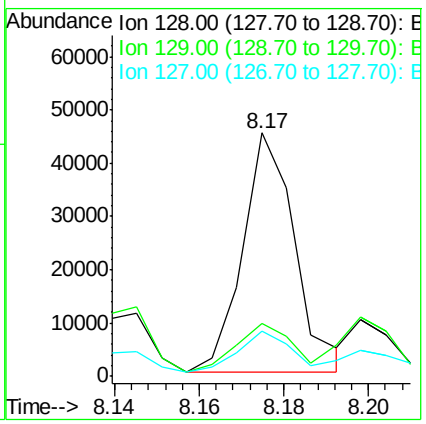


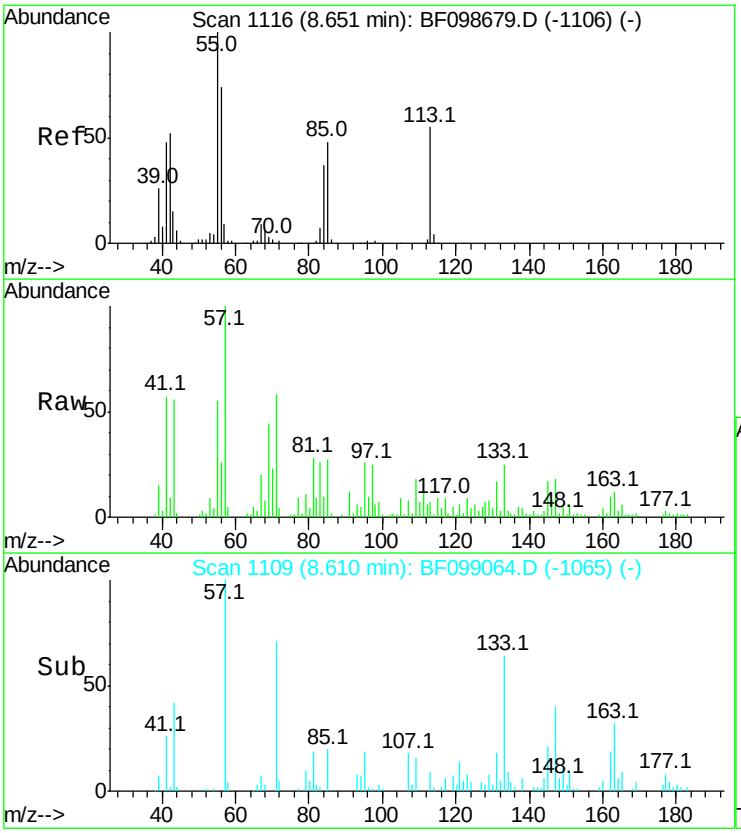
#31
Naphthalene
Concen: 2.137 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 38784

Ion	Ratio	Lower	Upper
128	100		
129	21.9	8.8	13.2#
127	18.8	10.9	16.3#

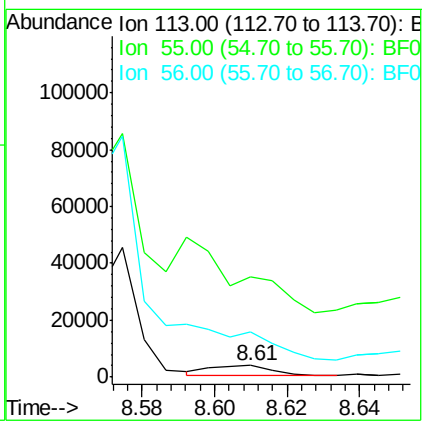


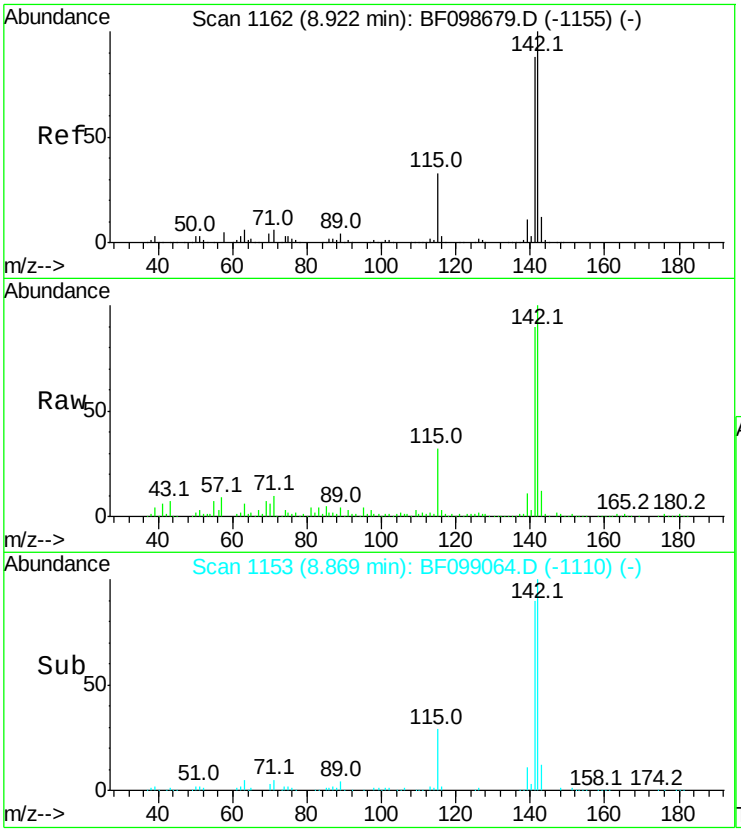


#35
Caprolactam
Concen: 2.230 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:113 Resp: 3813

Ion	Ratio	Lower	Upper
113	100		
55	839.9	163.3	203.3#
56	386.3	115.7	155.7#



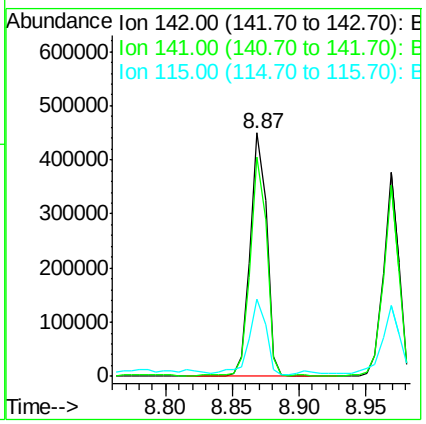


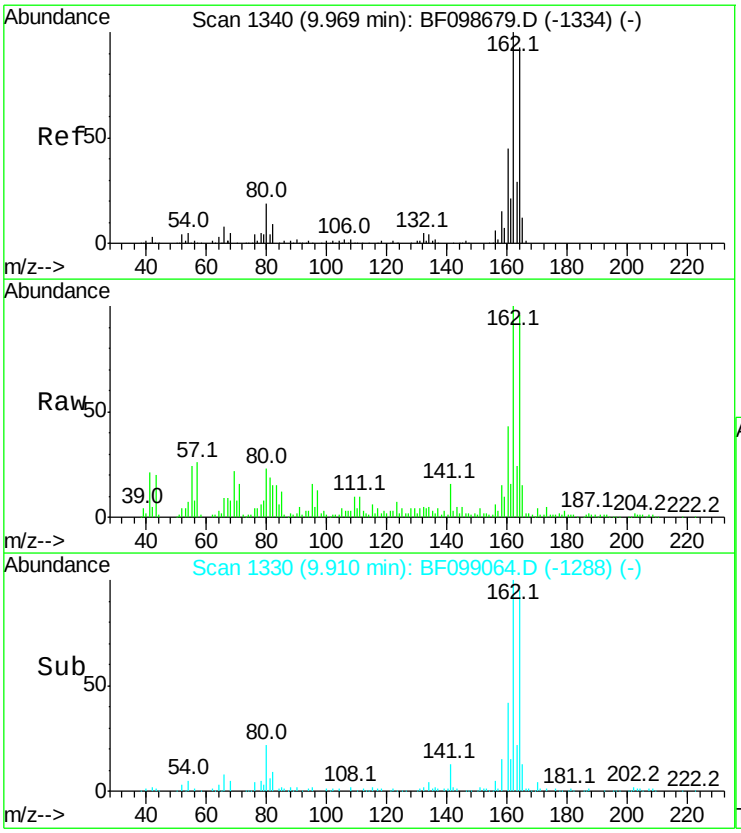
#37
2-Methylnaphthalene
Concen: 31.871 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 376027

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	32.0	26.1	39.1

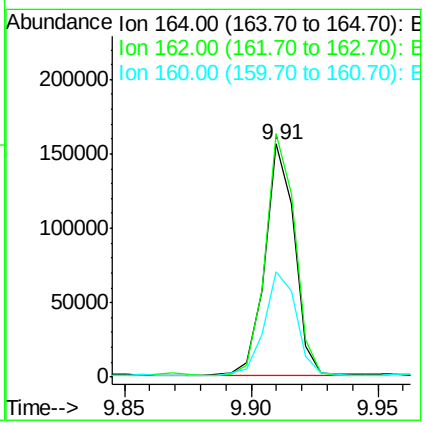


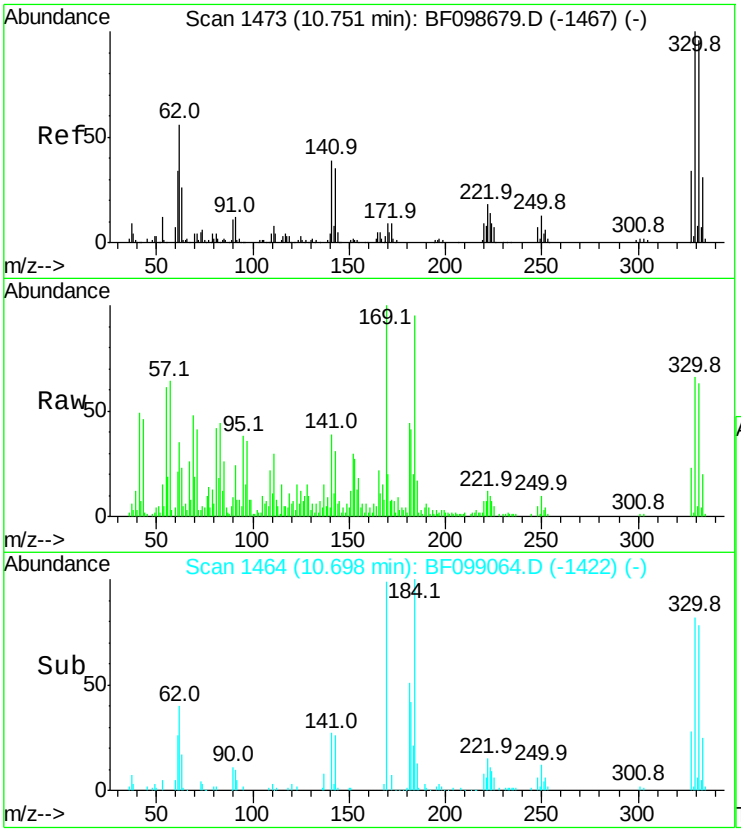


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:164 Resp: 128506

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.3	38.3	57.5



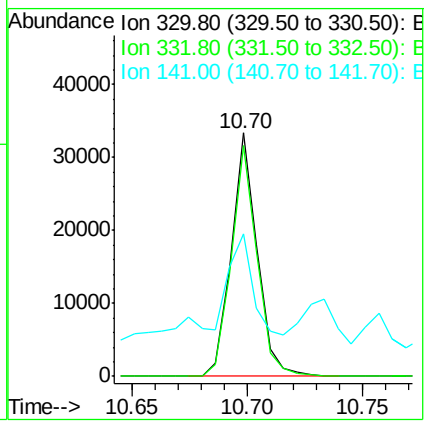


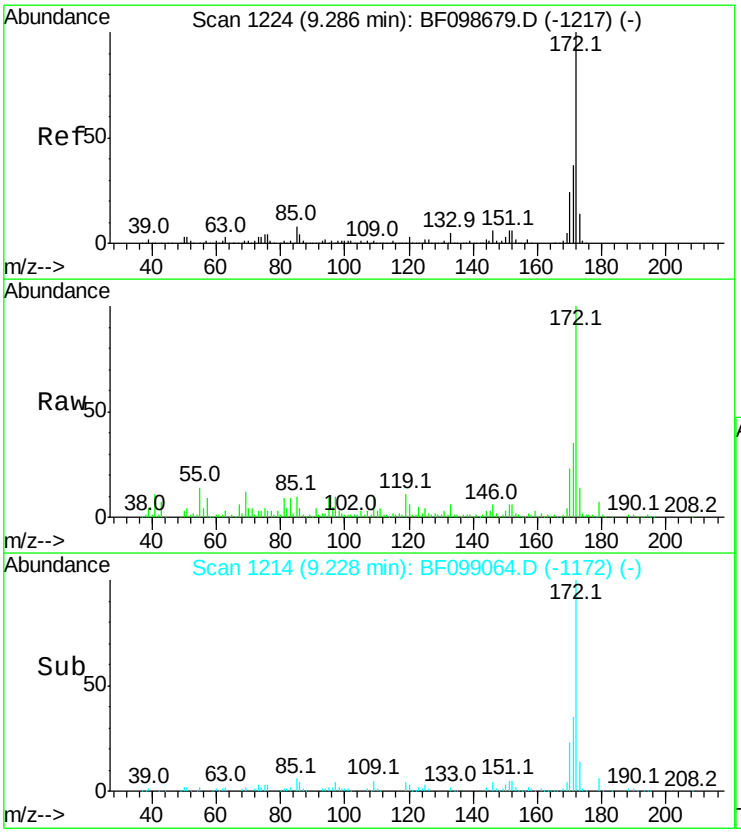
#41
2,4,6-Tribromophenol
Concen: 24.679 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25951

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	66.8	29.9	44.9#

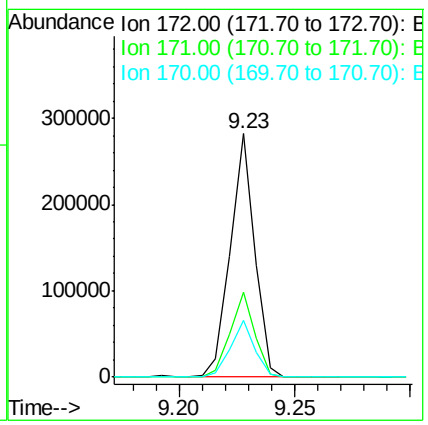


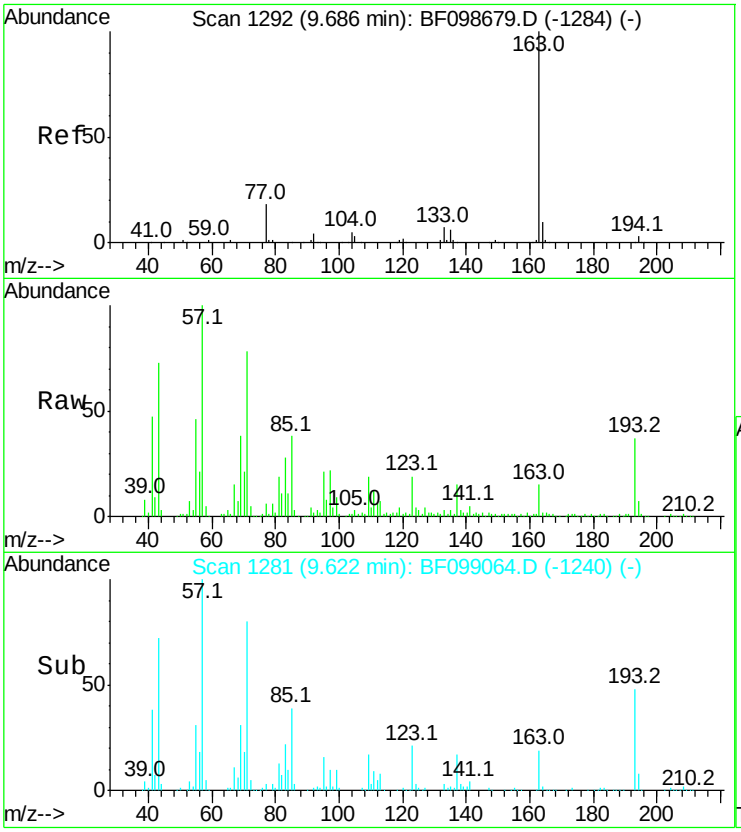


#44
2-Fluorobiphenyl
Concen: 27.068 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:172 Resp: 208360

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.1	19.6	29.4



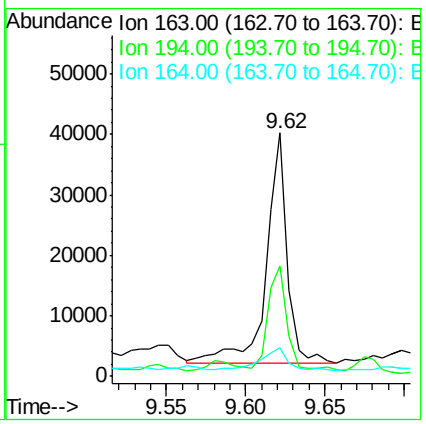


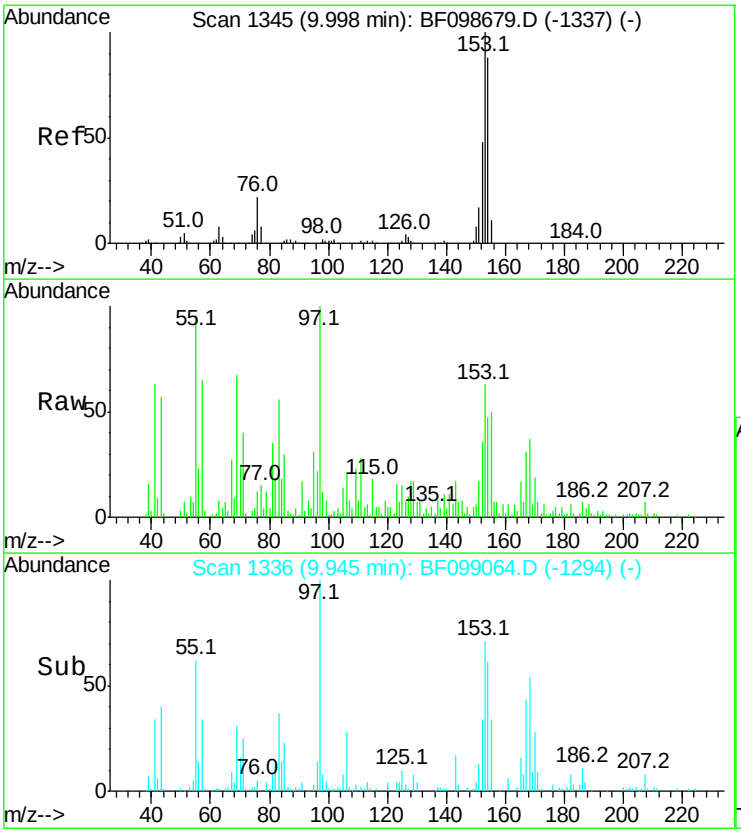
#49
Dimethylphthalate
Concen: 3.631 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35220

Ion	Ratio	Lower	Upper
163	100		
194	45.5	2.7	4.1#
164	12.0	8.2	12.2

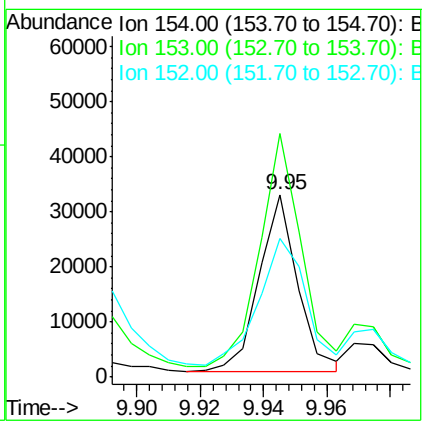


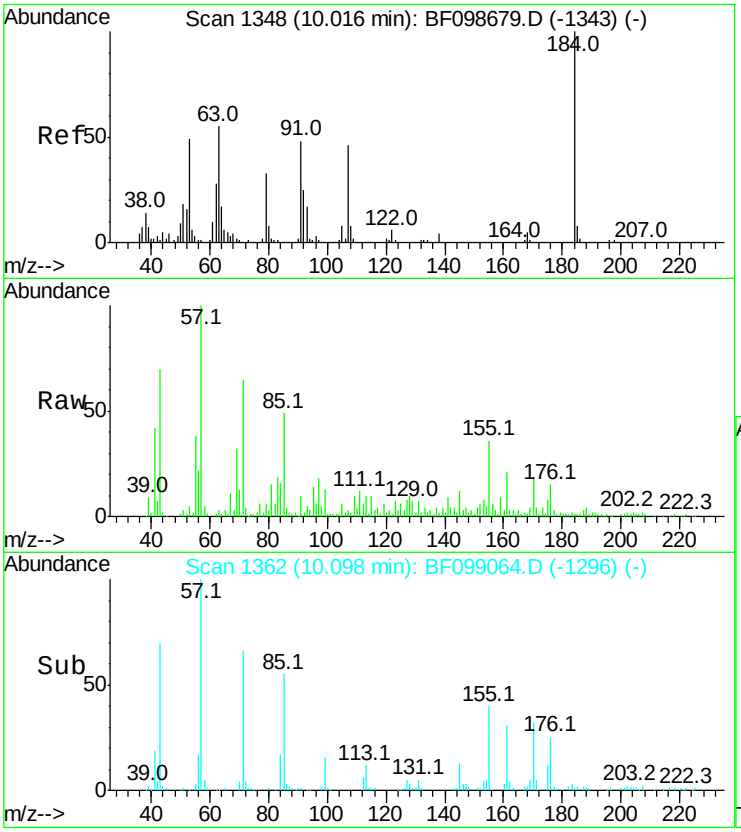


#51
Acenaphthene
Concen: 3.376 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:154 Resp: 27148

Ion	Ratio	Lower	Upper
154	100		
153	133.2	91.2	136.8
152	76.0	43.8	65.8#



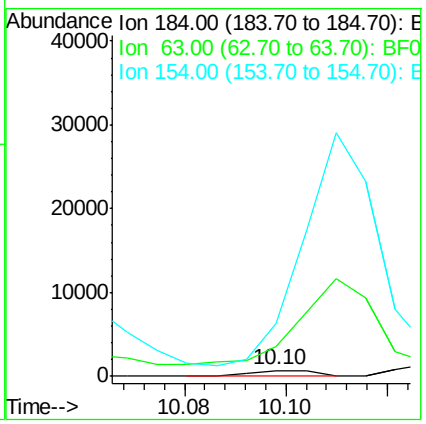


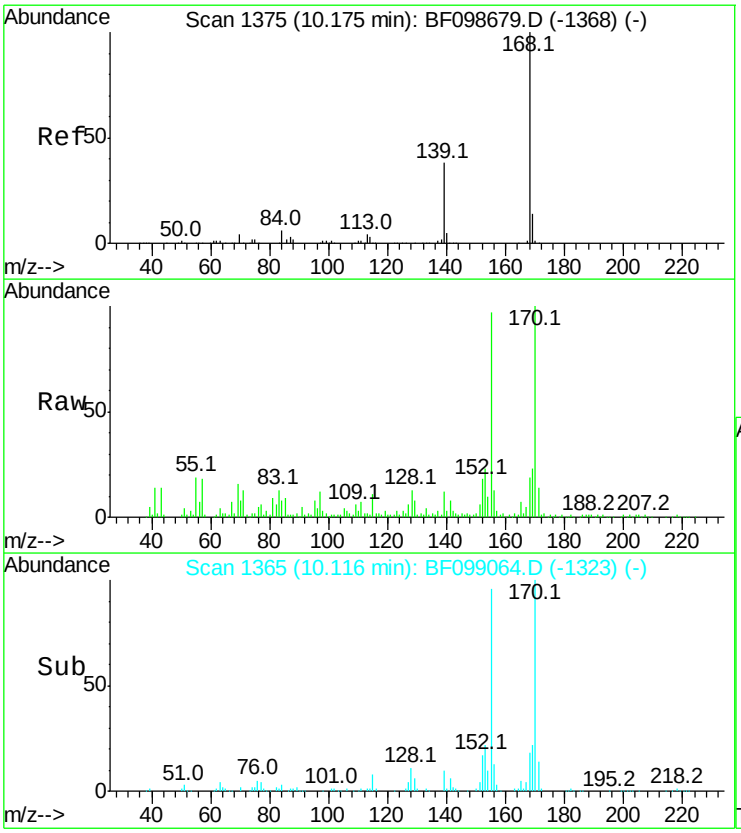
#53
2,4-Dinitrophenol
Concen: 6.329 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 594

Ion	Ratio	Lower	Upper
184	100		
63	508.5	54.2	81.2#
154	892.6	53.5	80.3#

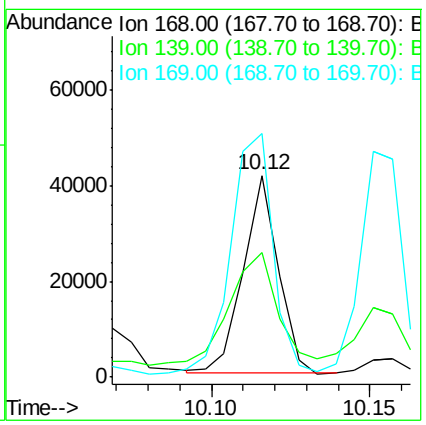


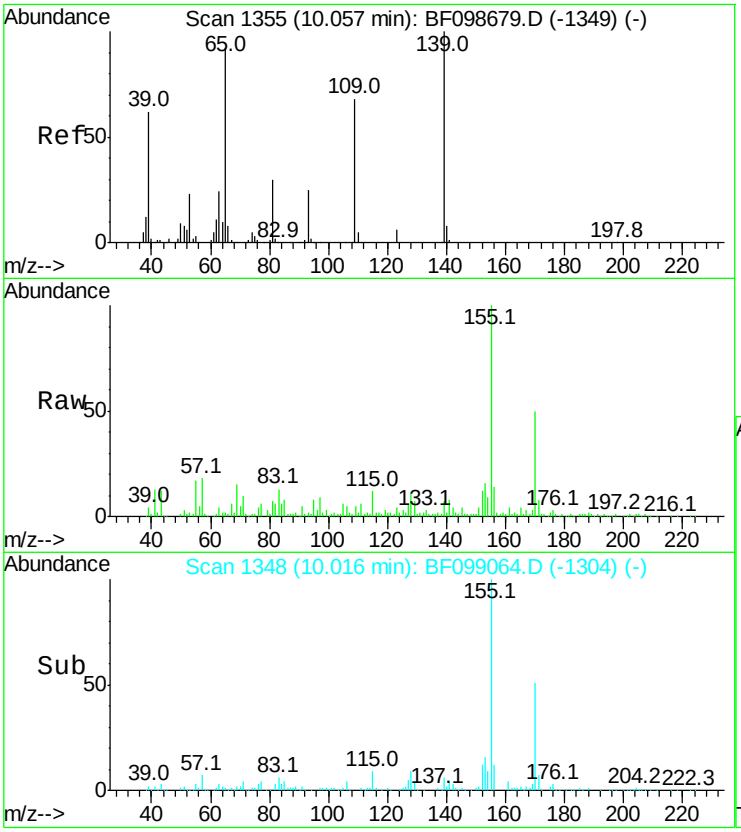


#54
Dibenzofuran
Concen: 2.943 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:168 Resp: 31508

Ion	Ratio	Lower	Upper
168	100		
139	61.7	30.1	45.1#
169	120.9	10.9	16.3#



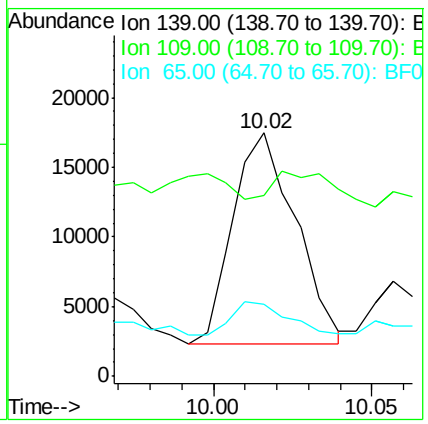


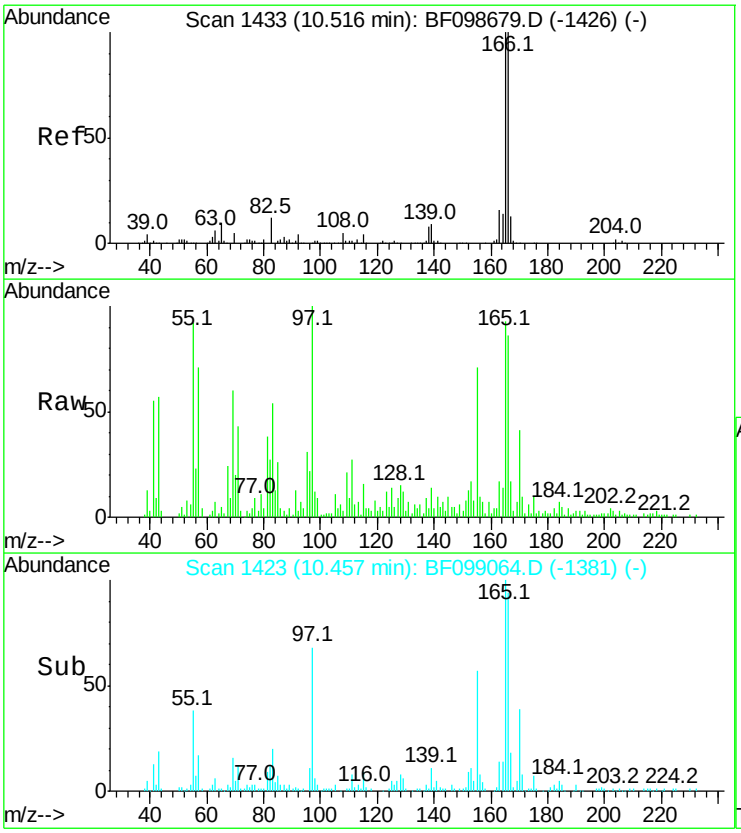
#55
4-Nitrophenol
Concen: 9.961 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 20737

Ion	Ratio	Lower	Upper
139	100		
109	74.3	48.4	88.4
65	29.6	72.6	112.6#

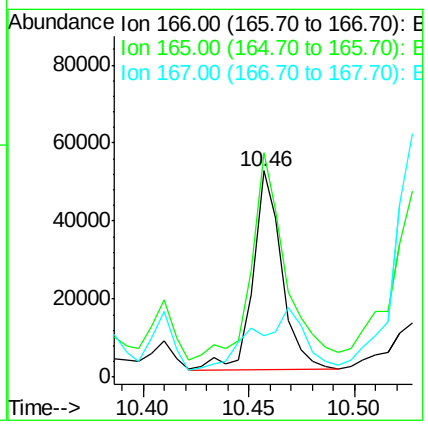


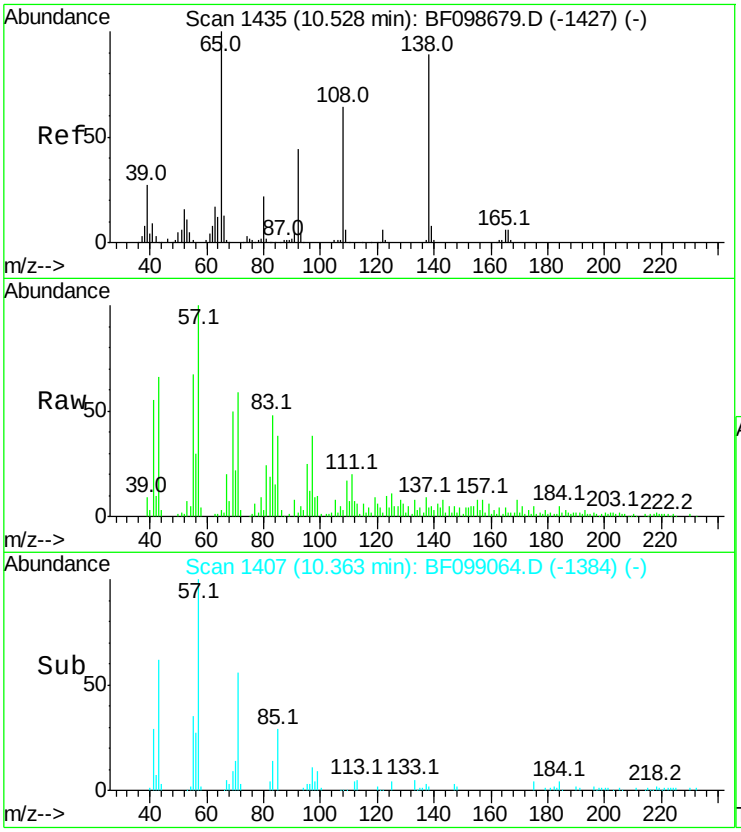


#57
Fluorene
Concen: 5.646 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:166 Resp: 48588

Ion	Ratio	Lower	Upper
166	100		
165	109.0	79.8	119.8
167	20.2	10.6	16.0#



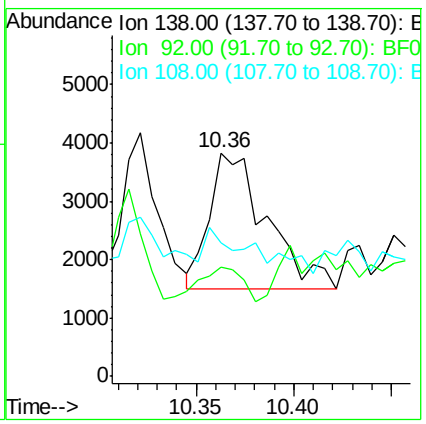


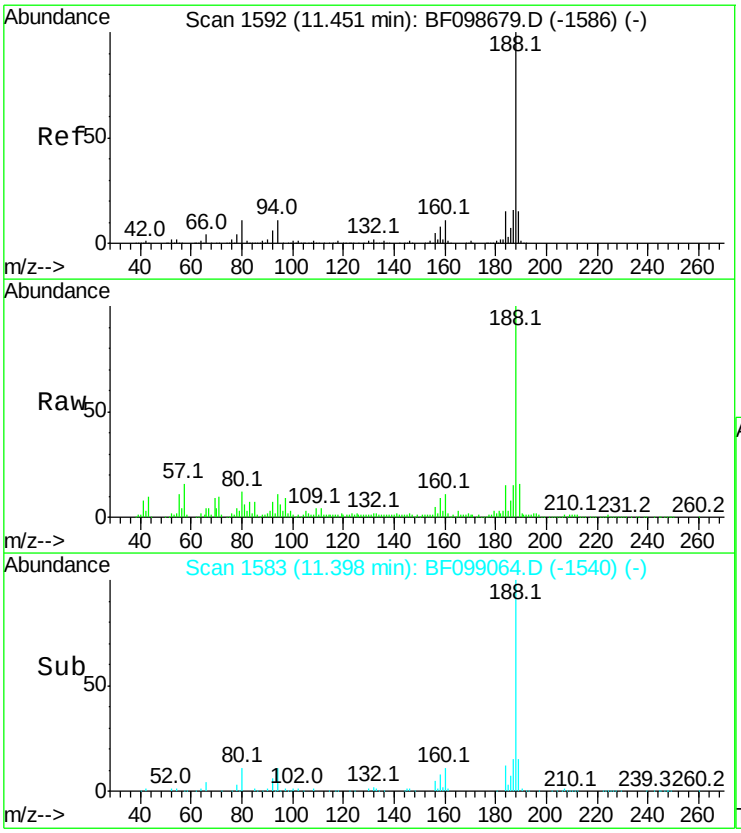
#61
4-Nitroaniline
Concen: 2.014 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.16 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 4784

Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	60.0	52.5	92.5

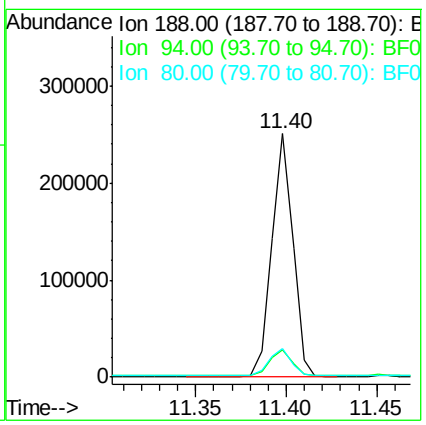


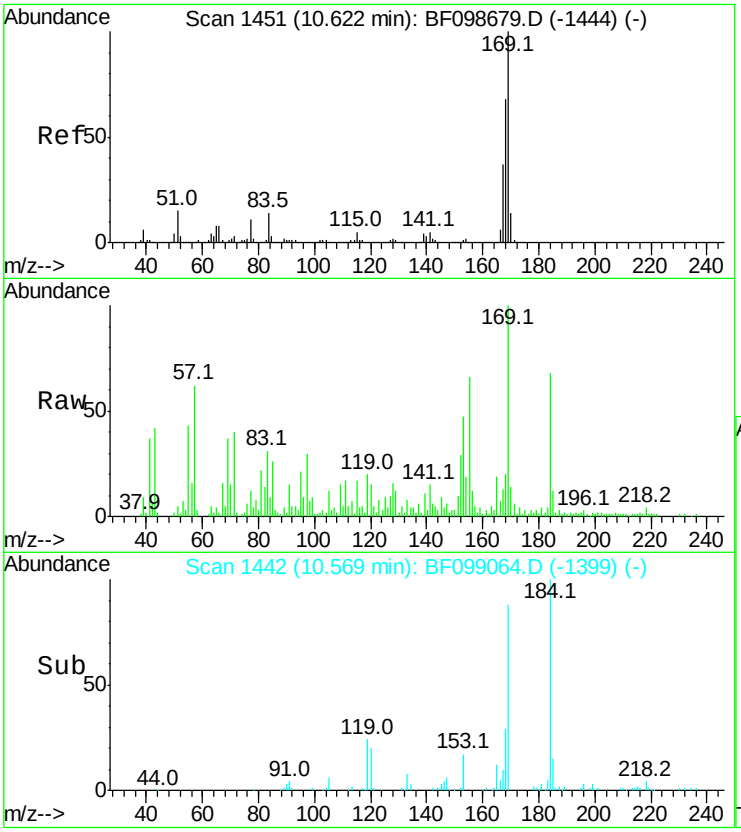


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:188 Resp: 203432

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.8	9.2	13.8



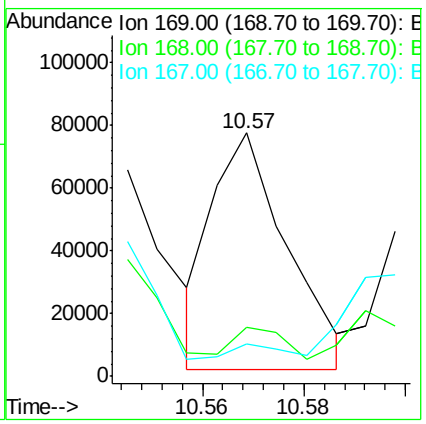


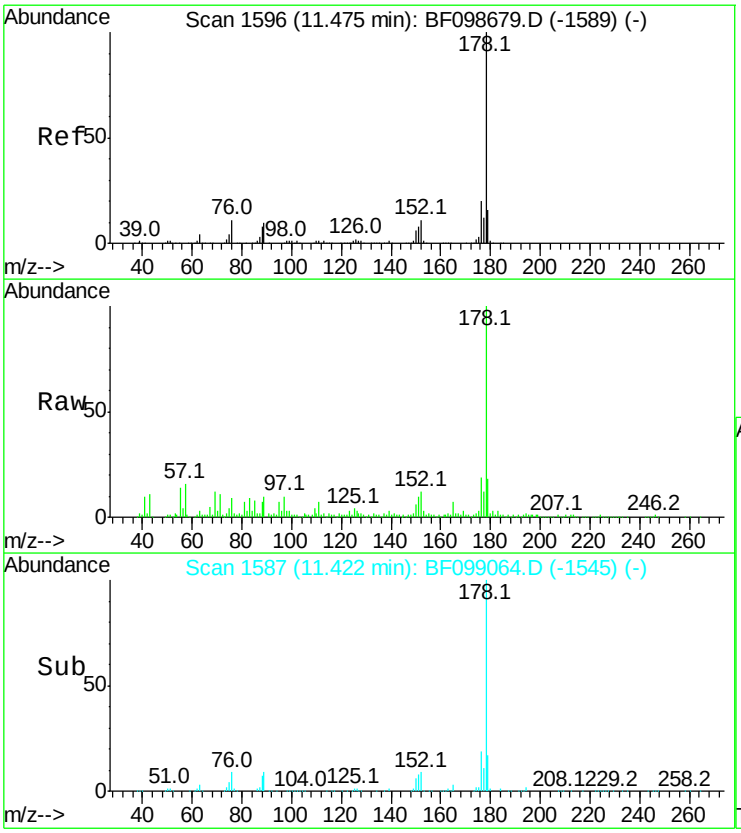
#65
n-Nitrosodiphenylamine
Concen: 10.970 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 77308

Ion	Ratio	Lower	Upper
169	100		
168	20.2	54.4	81.6#
167	13.3	29.8	44.6#

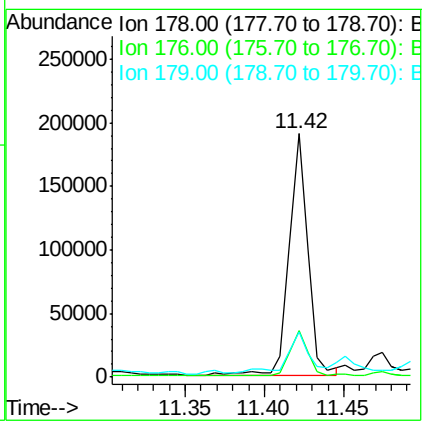


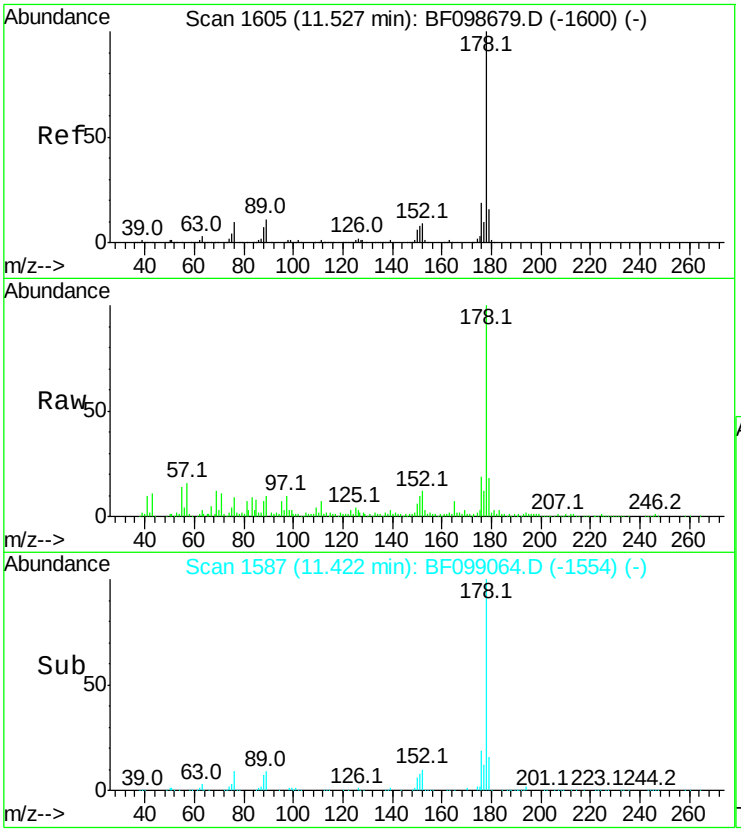


#70
Phenanthrene
Concen: 14.287 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:178 Resp: 155571

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	18.4	13.0	19.6



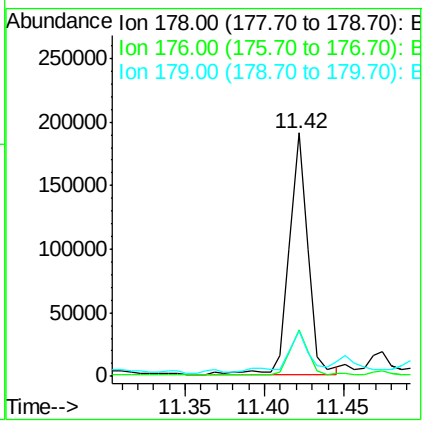


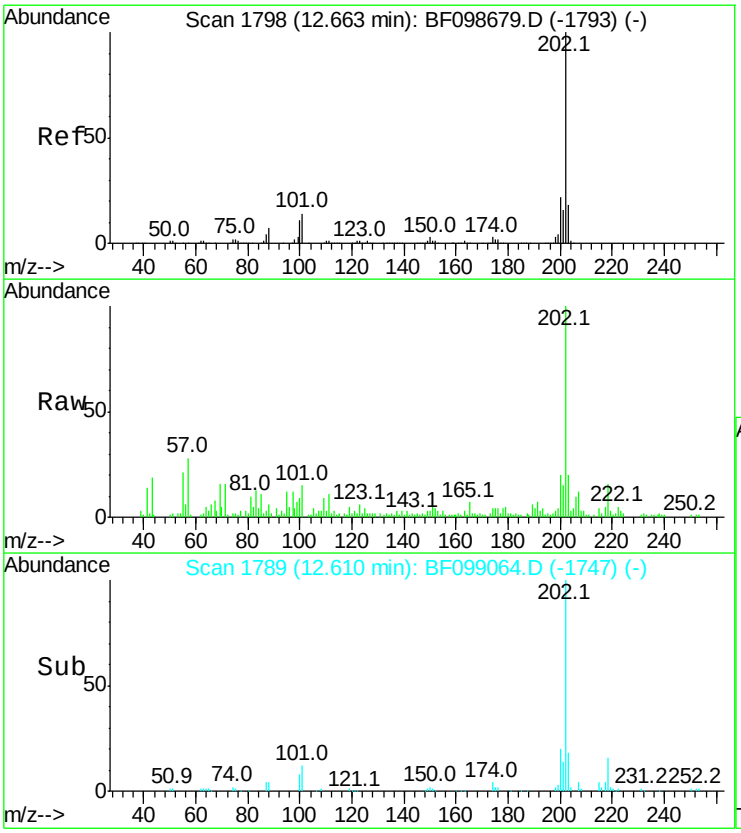
#71
Anthracene
Concen: 13.963 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.11 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 155571

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	18.4	12.6	19.0

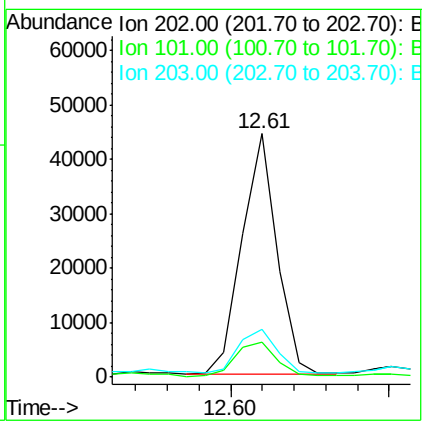


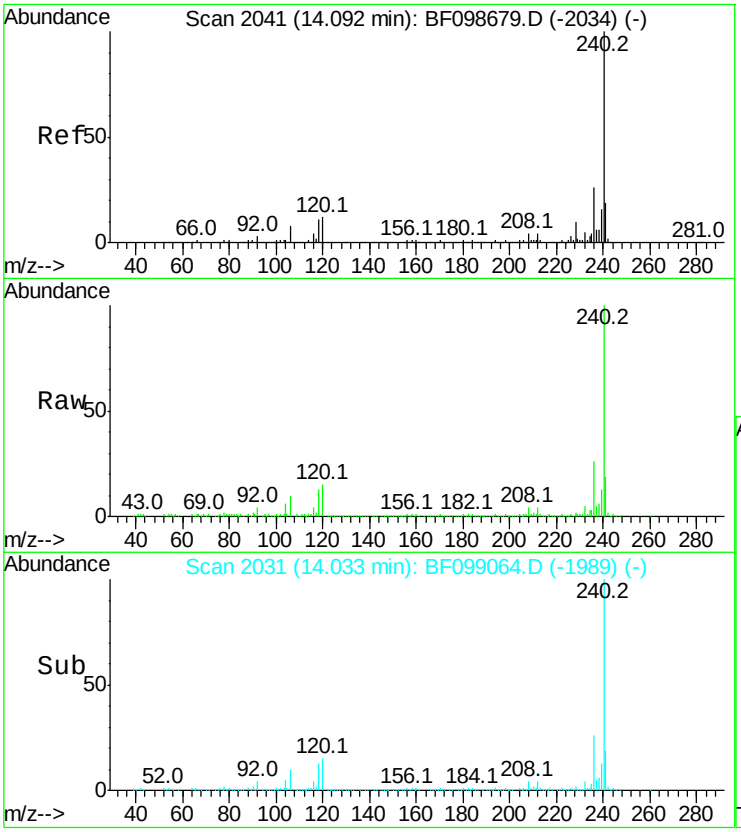


#74
Fluoranthene
Concen: 3.045 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:202 Resp: 33577

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	19.6	0.0	38.1



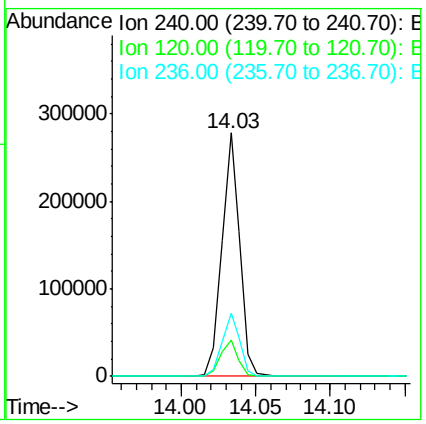


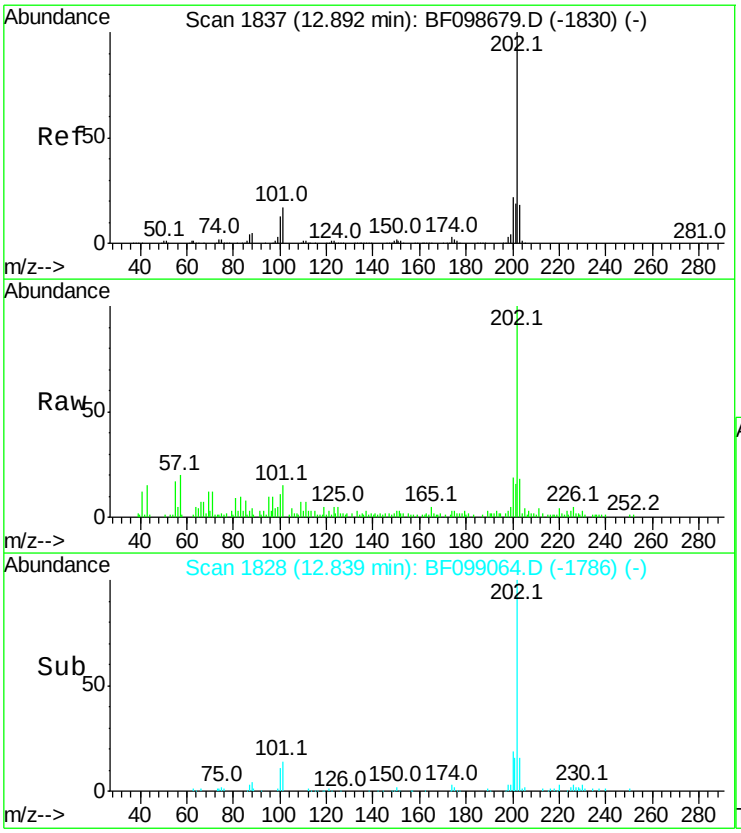
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 235921

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.7	20.7	31.1

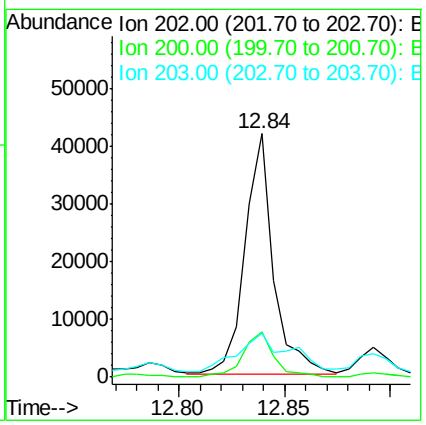


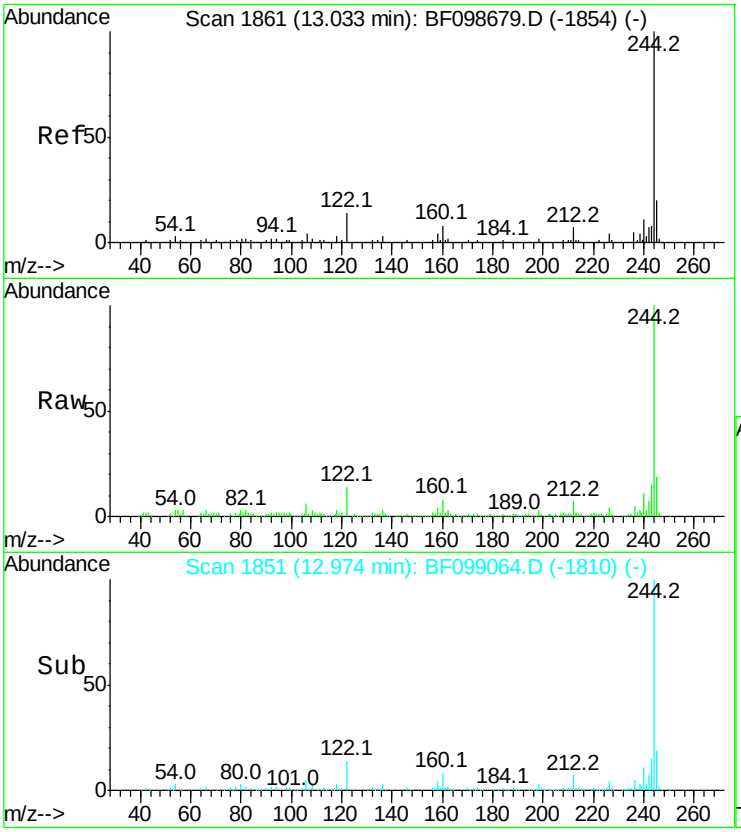


#77
Pyrene
Concen: 2.165 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.05 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:202 Resp: 38957

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.4	26.2
203	17.9	14.3	21.5



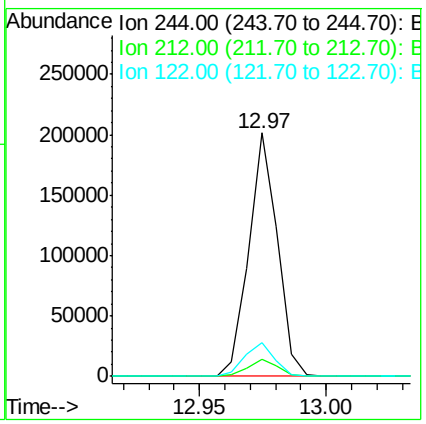


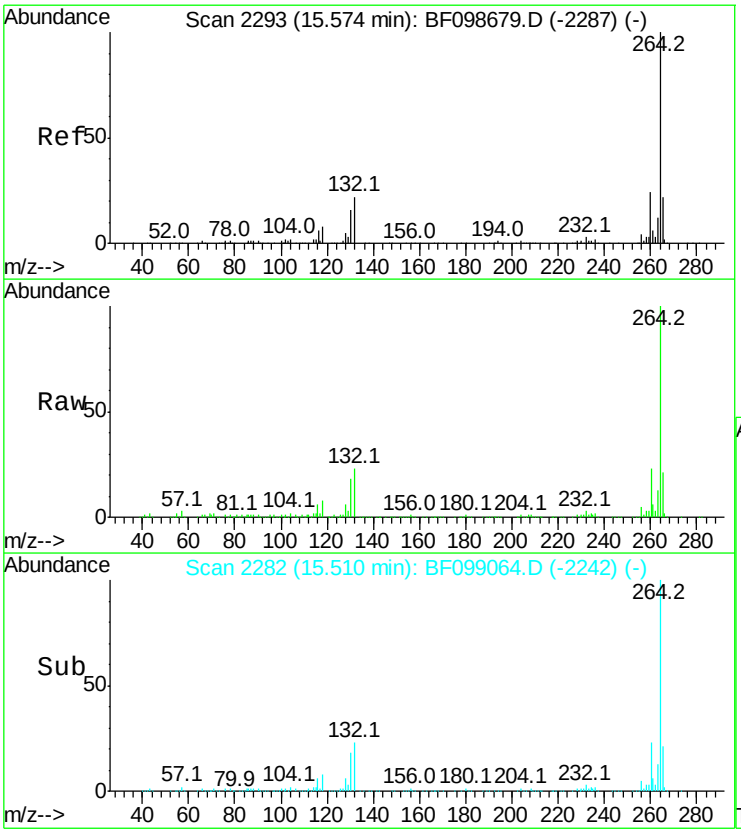
#78
Terphenyl-d14
Concen: 15.225 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 157939

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4

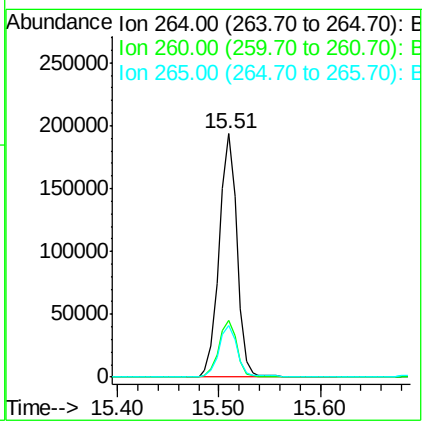


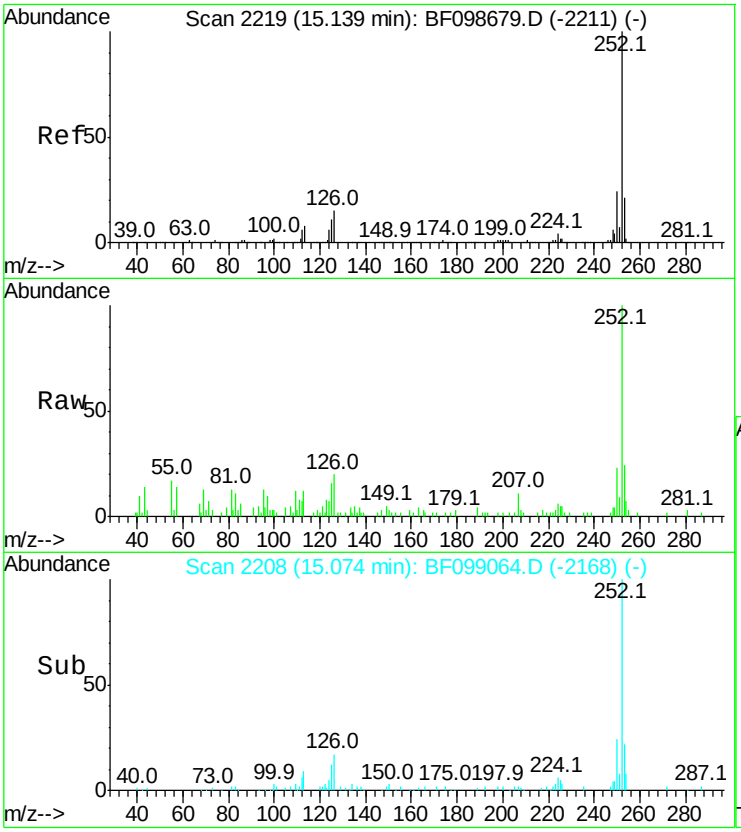


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:264 Resp: 237552

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3



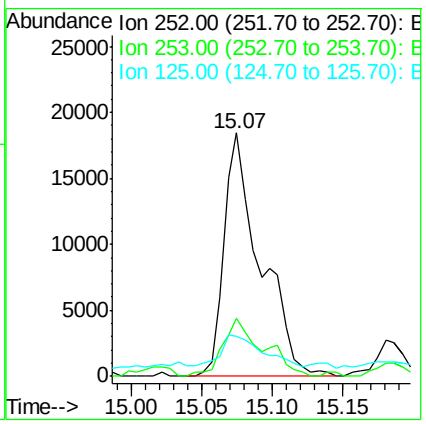


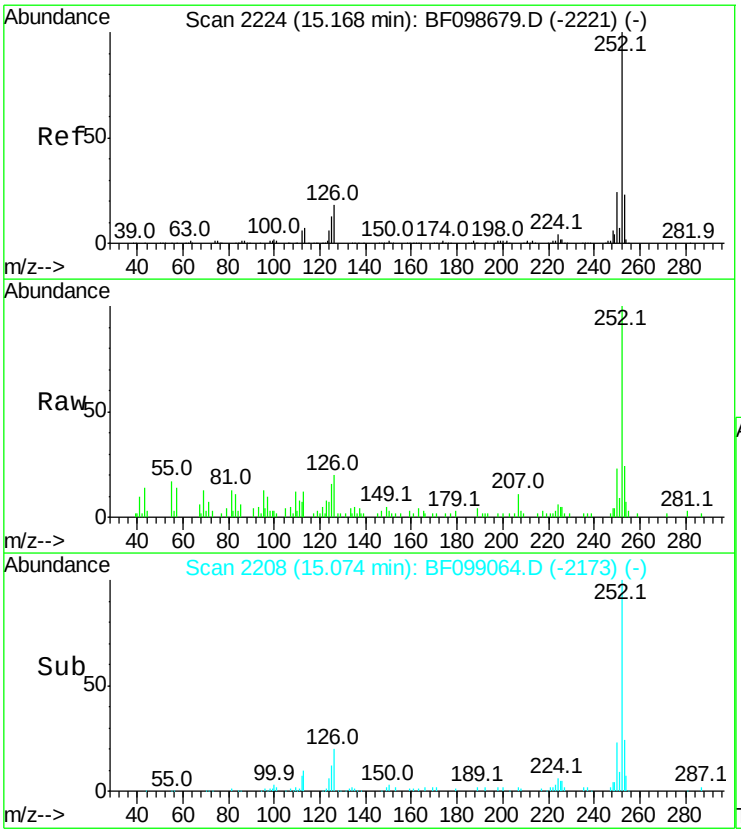
#87
Benzo(b)fluoranthene
Concen: 2.271 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.06 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33173

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	16.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.300 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.09 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion:252 Resp: 33173

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	16.4	10.2	15.2#