Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032217\
Data File : BF093872.D
Acq On : 23 Mar 2017 9:57
Operator : SJ/MA
Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 16:58:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	190109	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	743523	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	316850	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	485697	20.00	ng		0.00
75) Chrysene-d12	14.70	240	326715	20.00	ng		-0.01
86) Perylene-d12	16.34	264	302185	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	125465	11.15	ng		0.00
7) Phenol-d6	5.55	99	198746	14.27	ng		-0.02
23) Nitrobenzene-d5	6.63	82	257261	19.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	11621	4.64	ng		-0.01
44) 2-Fluorobiphenyl	8.81	172	420444	20.24	ng		-0.01
78) Terphenyl-d14	13.43	244	144260	9.90	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.63	70	34388	3.84	ng	#	74
31) Naphthalene	7.52	128	142895	4.00	ng		97
37) 2-Methylnaphthalene	8.36	142	55724	2.34	ng		95
49) Dimethylphthalate	9.30	163	87778	3.90	ng		99
50) 2,6-Dinitrotoluene	9.63	165	42188	8.17	ng	#	34
51) Acenaphthene	9.67	154	44646	2.30	ng		98
56) 2,4-Dinitrotoluene	9.63	165	42317	6.52	ng	#	33
70) Phenanthrene	11.48	178	88360	3.27	ng		100
71) Anthracene	11.48	178	88360	3.18	ng		99
74) Fluoranthene	12.94	202	76915	2.78	ng		98
77) Pyrene	12.94	202	73279	3.09	ng		98
83) Bis(2-ethylhexyl)phthalate	14.76	149	53725	3.90	ng		99

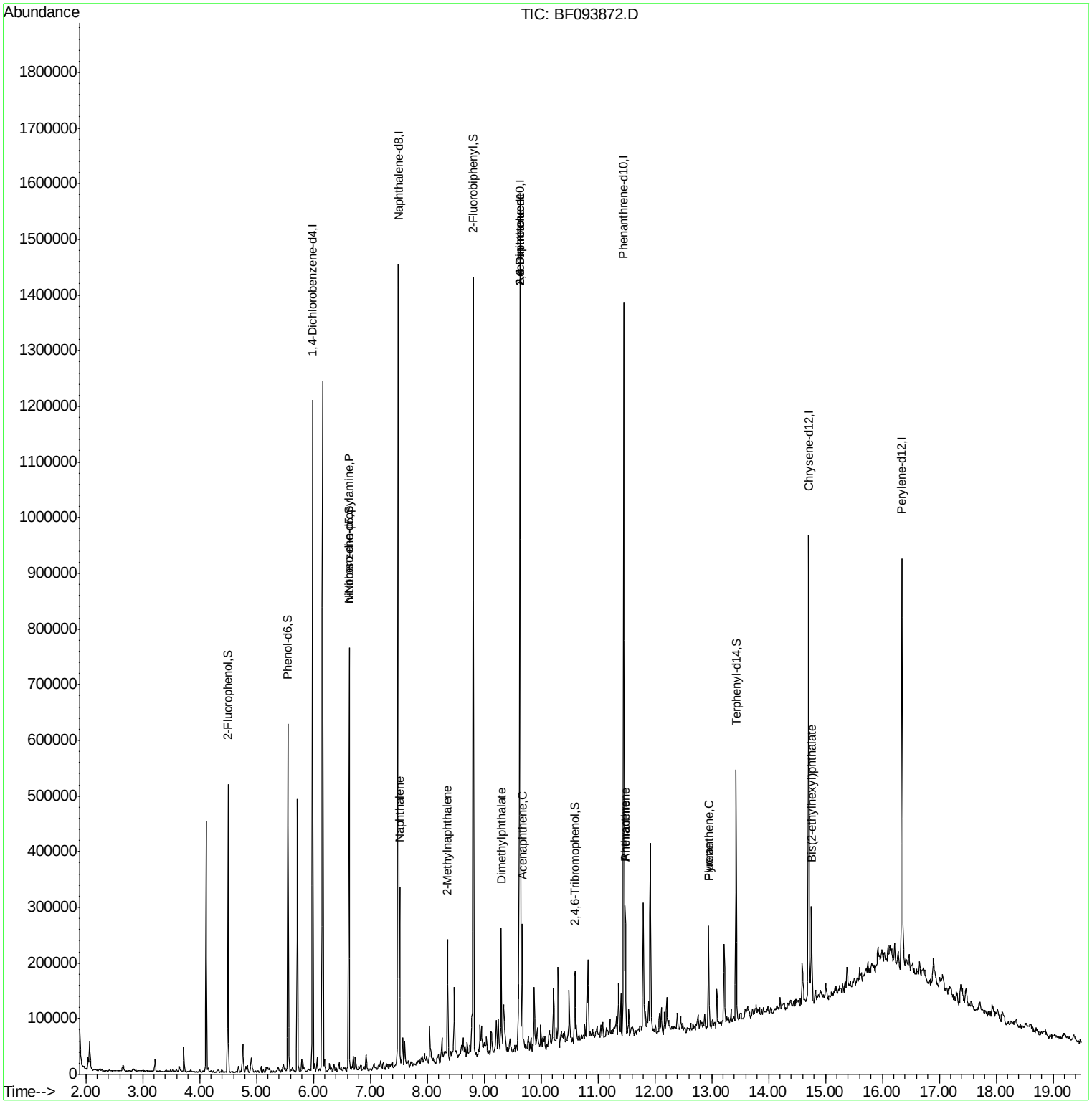
(#) = qualifier out of range (m) = manual integration (+) = signals summed

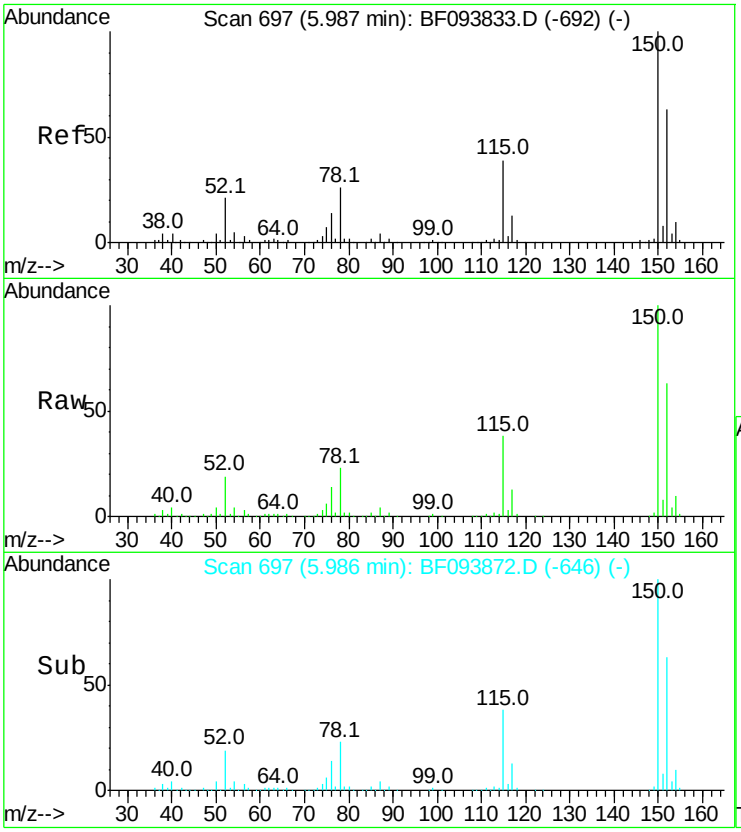
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032217\
Data File : BF093872.D
Acq On : 23 Mar 2017 9:57
Operator : SJ/MA
Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 23 16:58:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration



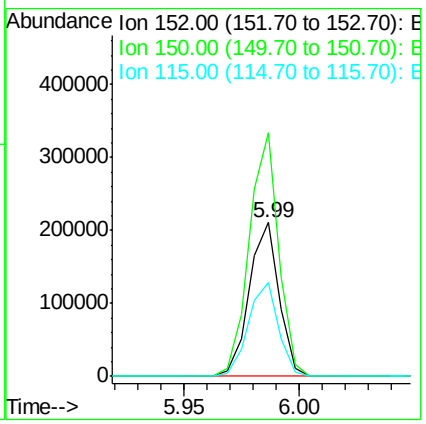


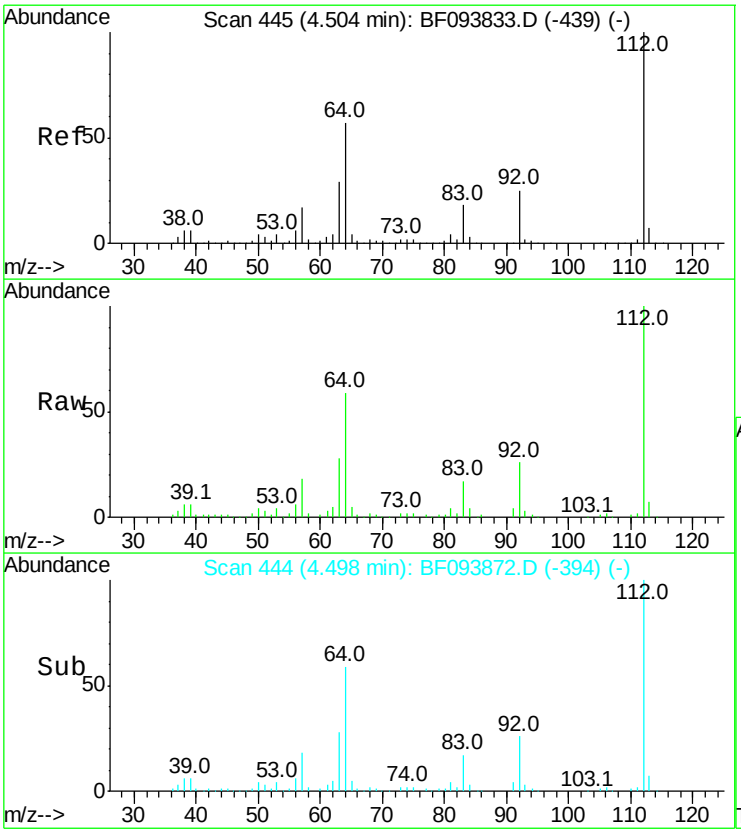
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 190109

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	60.6	52.2	78.2

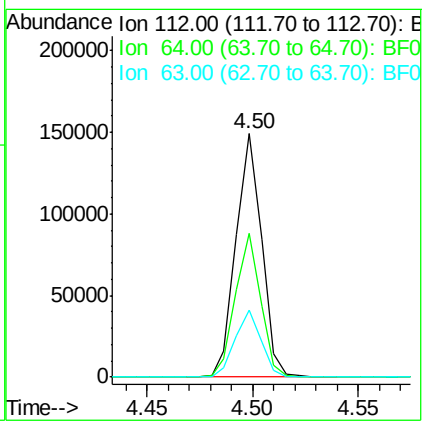


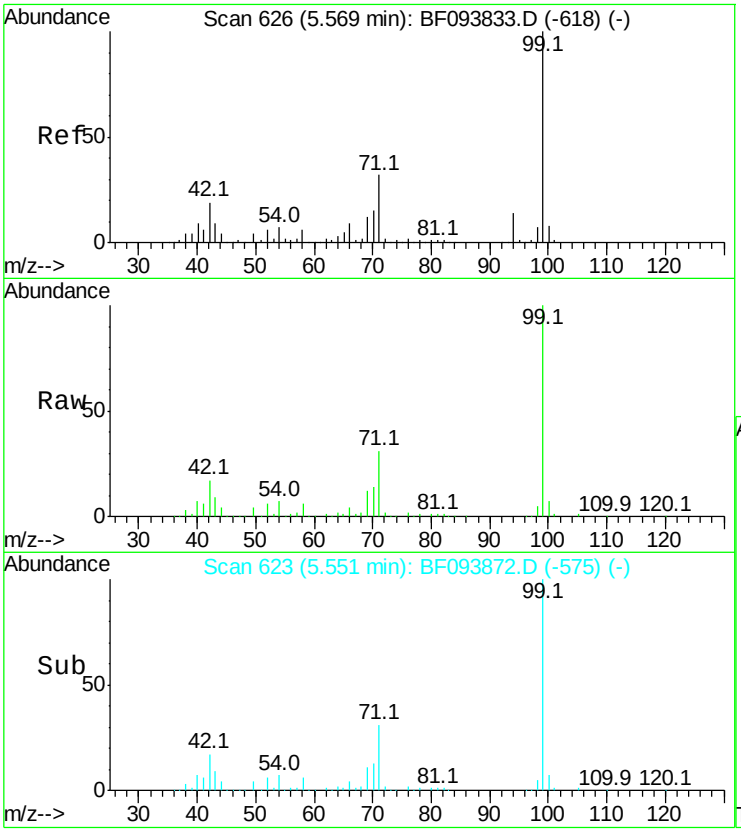


#5
2-Fluorophenol
Concen: 11.15 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:112 Resp: 125465

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	27.6	23.4	35.0



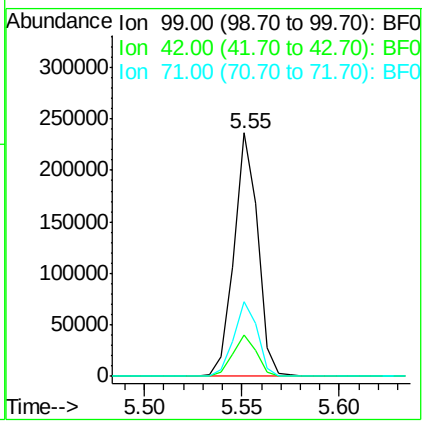


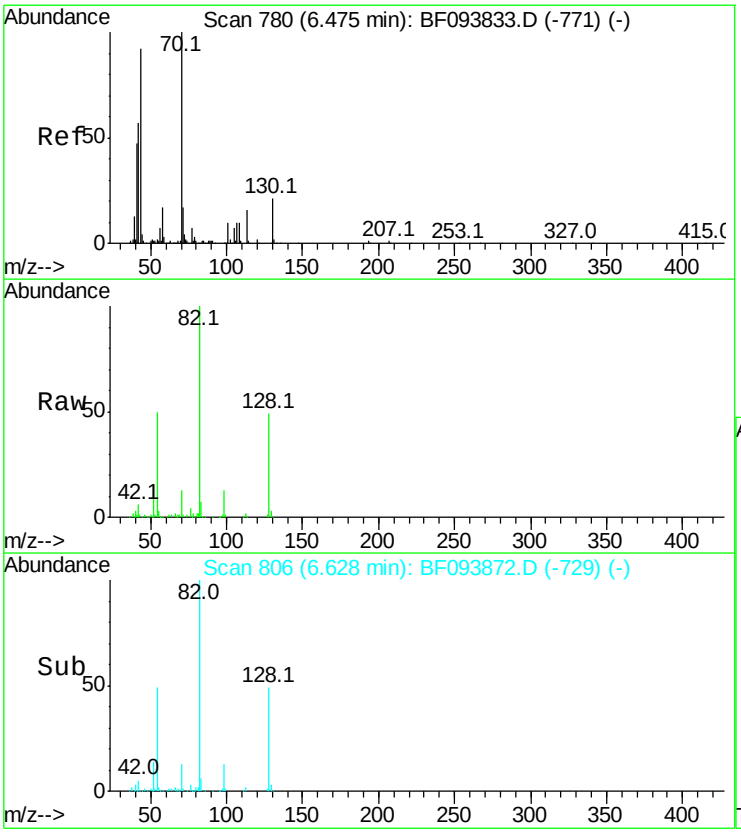
#7
Phenol-d6
Concen: 14.27 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 198746

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	30.9	24.5	36.7

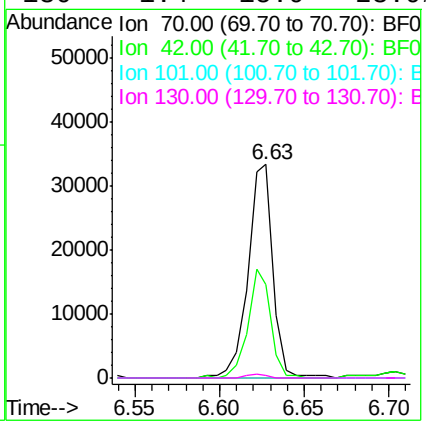


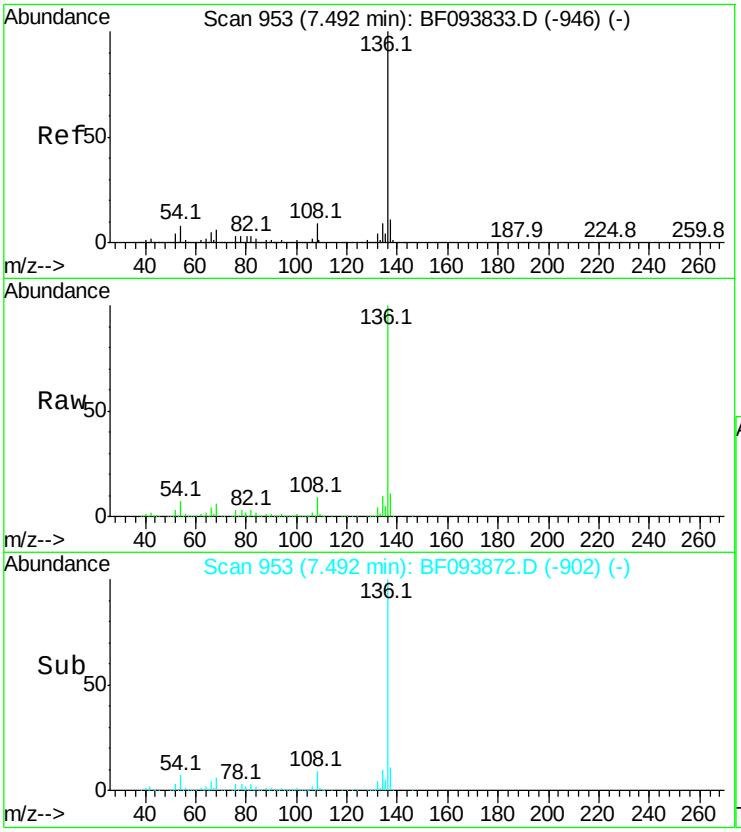


#19
n-Nitroso-di-n-propylamine
Concen: 3.84 ng
RT: 6.63 min Scan# 806
Delta R.T. 0.15 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion: 70 Resp: 34388

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.4	15.9	23.9#



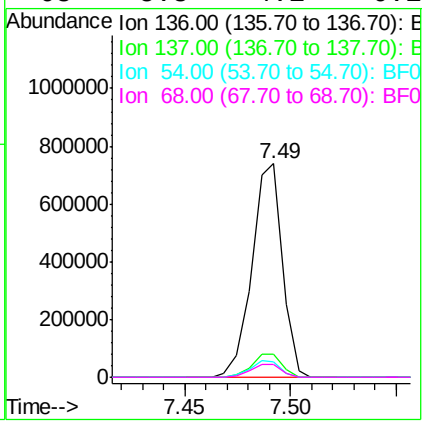


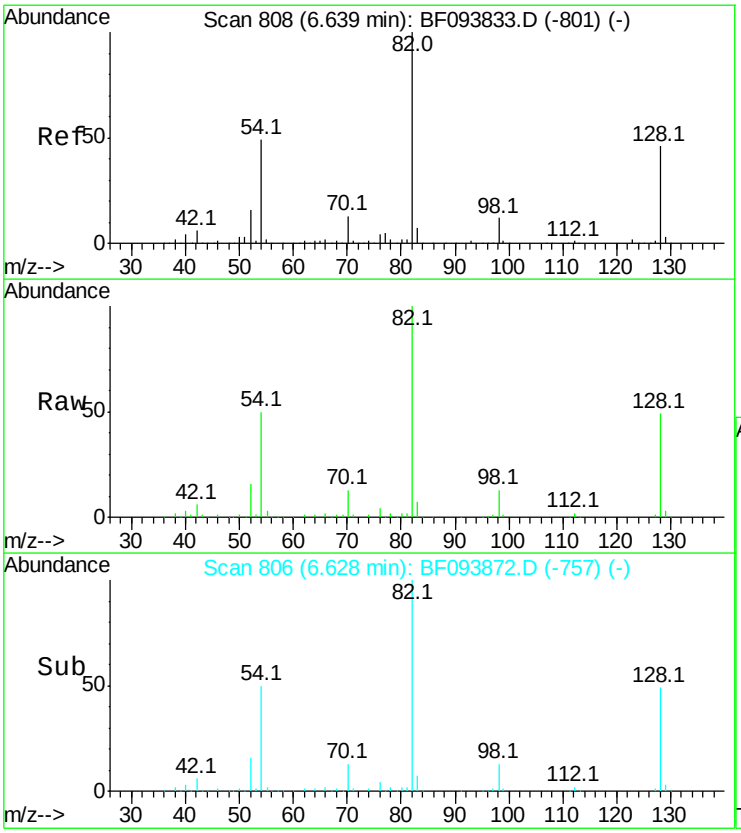
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 743523

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1

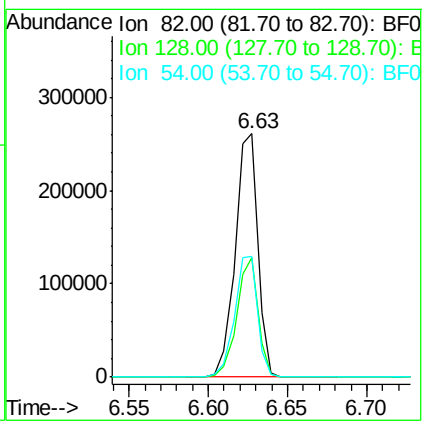


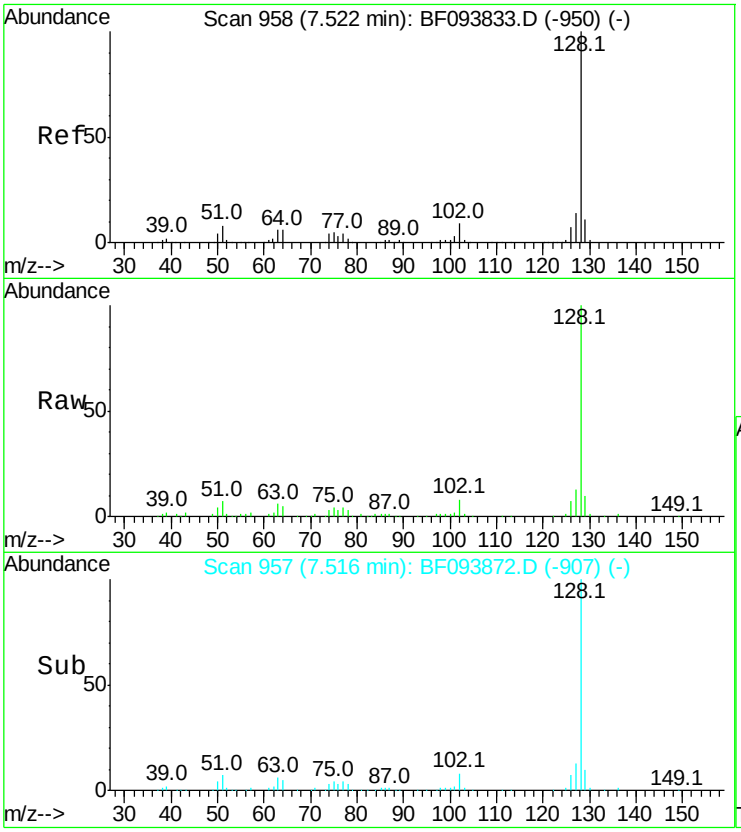


#23
Nitrobenzene-d5
Concen: 19.75 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion: 82 Resp: 257261

Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.0	51.0
54	49.5	42.2	63.2



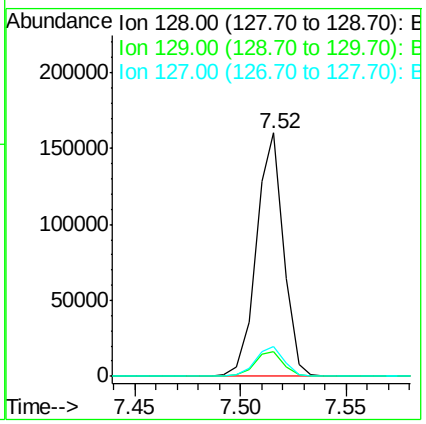


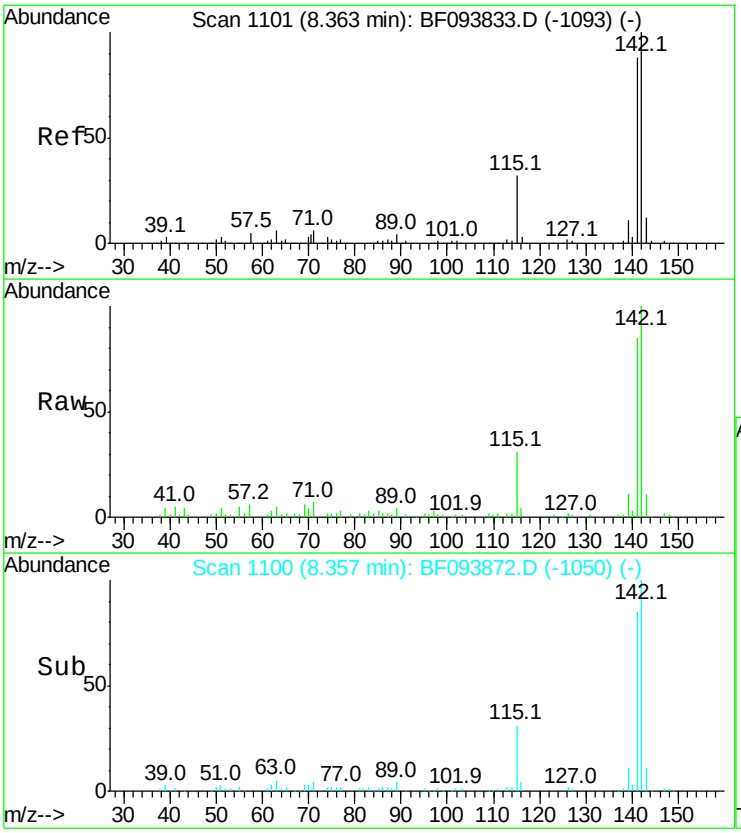
#31
Naphthalene
Concen: 4.00 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 142895

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	12.5	10.8	16.2

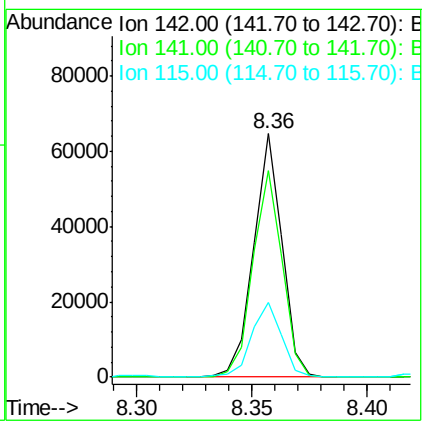


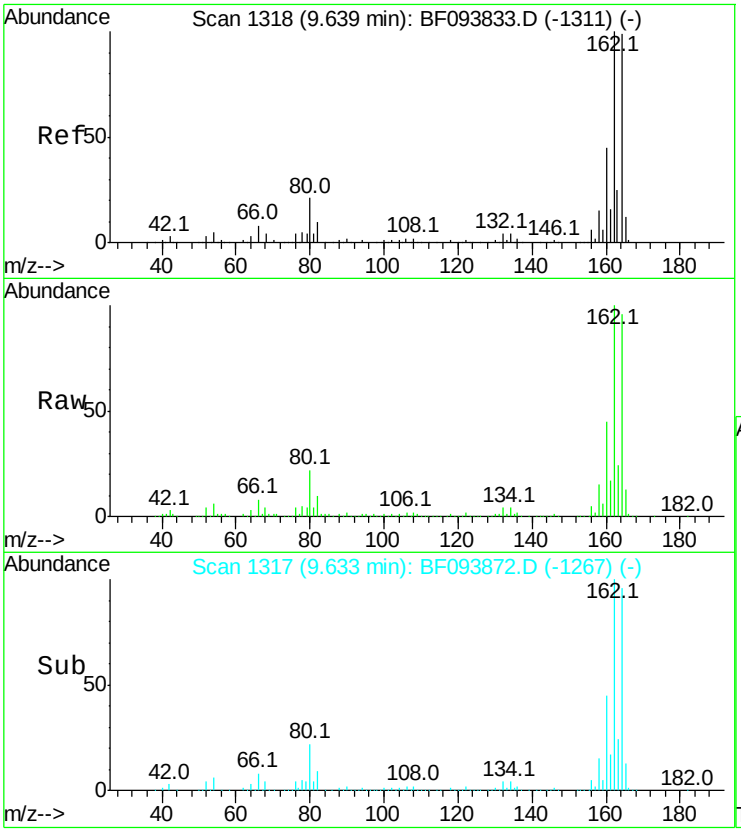


#37
2-Methylnaphthalene
Concen: 2.34 ng
RT: 8.36 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:142 Resp: 55724

Ion	Ratio	Lower	Upper
142	100		
141	85.0	71.3	106.9
115	30.9	27.1	40.7



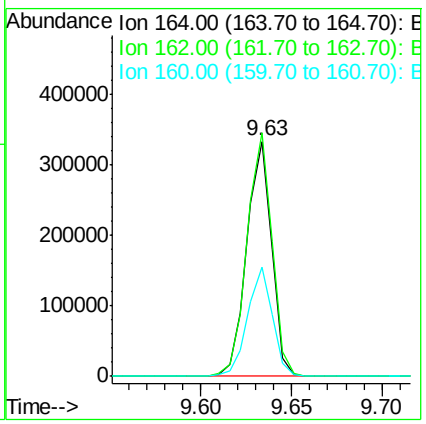


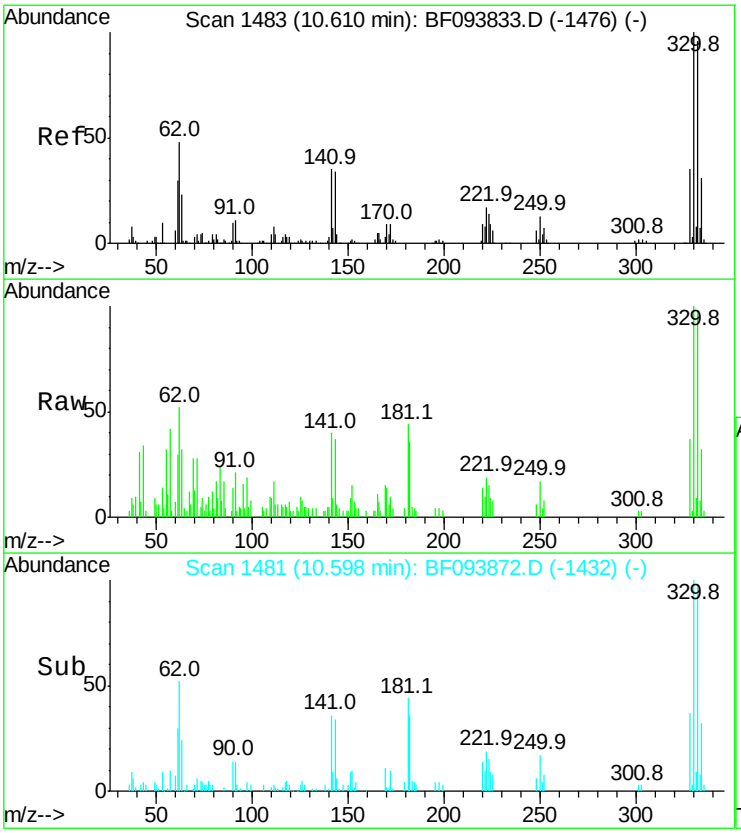
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 316850

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.4	36.2	54.2

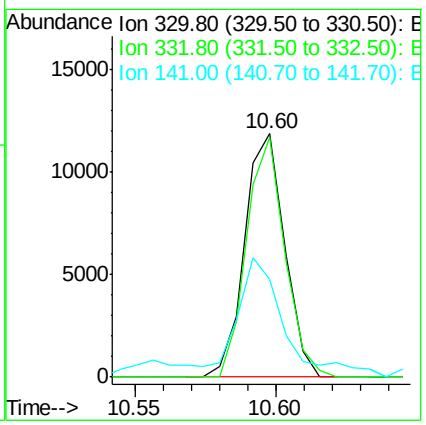


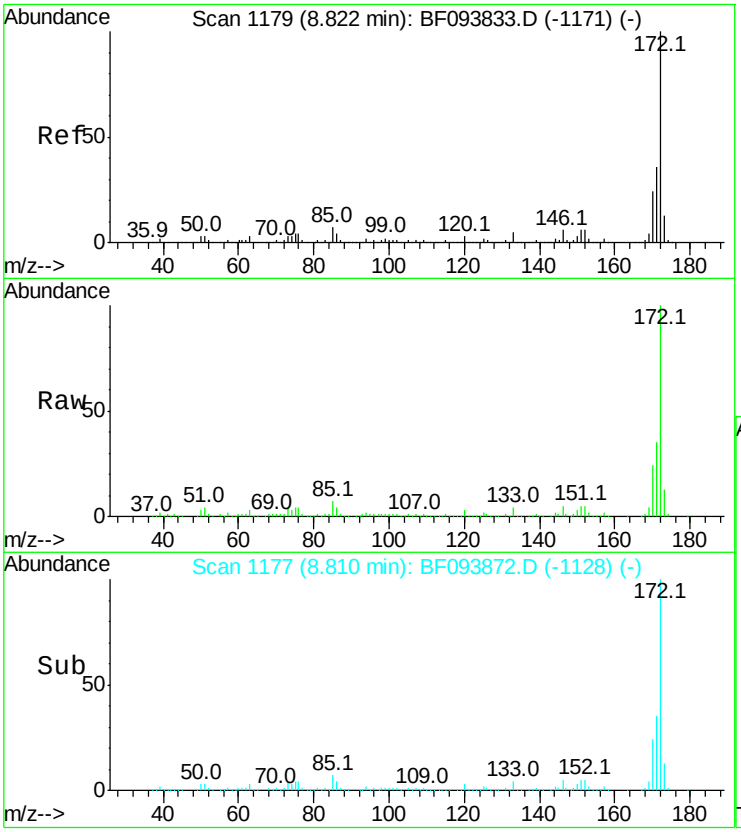


#41
2,4,6-Tribromophenol
Concen: 4.64 ng
RT: 10.60 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:330 Resp: 11621

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	57.8	31.4	47.2#



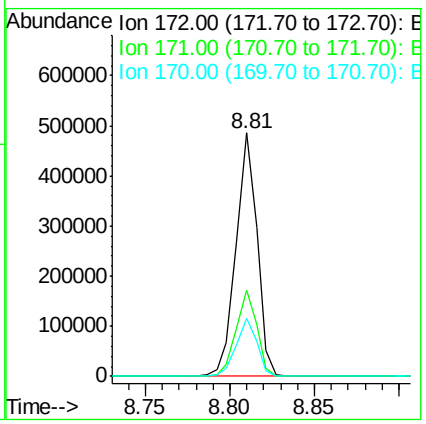


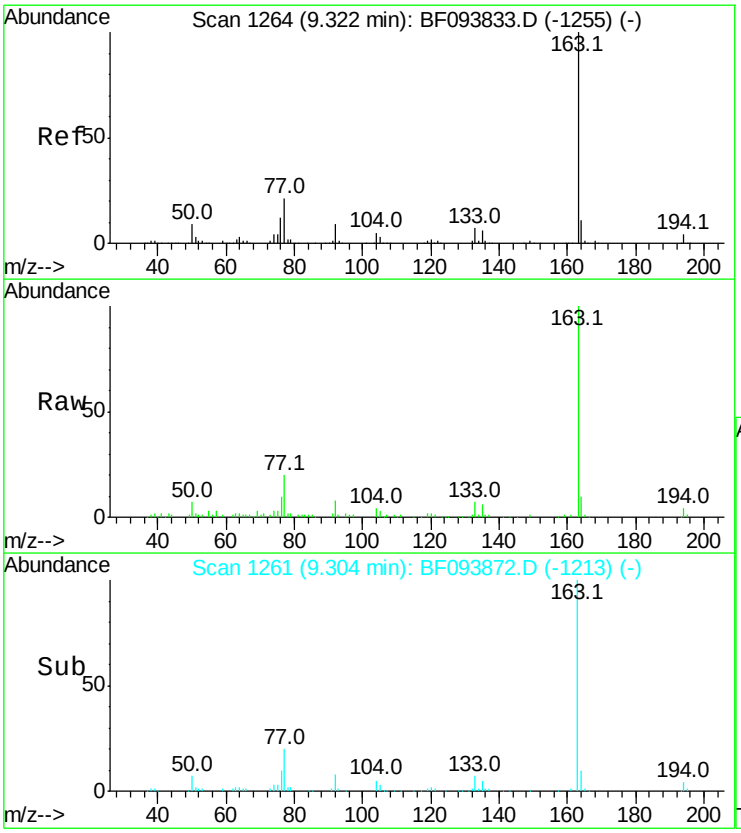
#44
2-Fluorobiphenyl
Concen: 20.24 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 420444

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.6	19.8	29.8

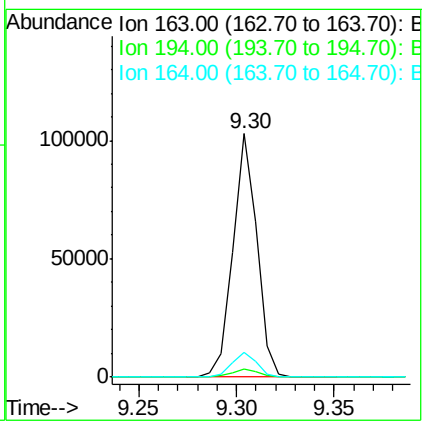


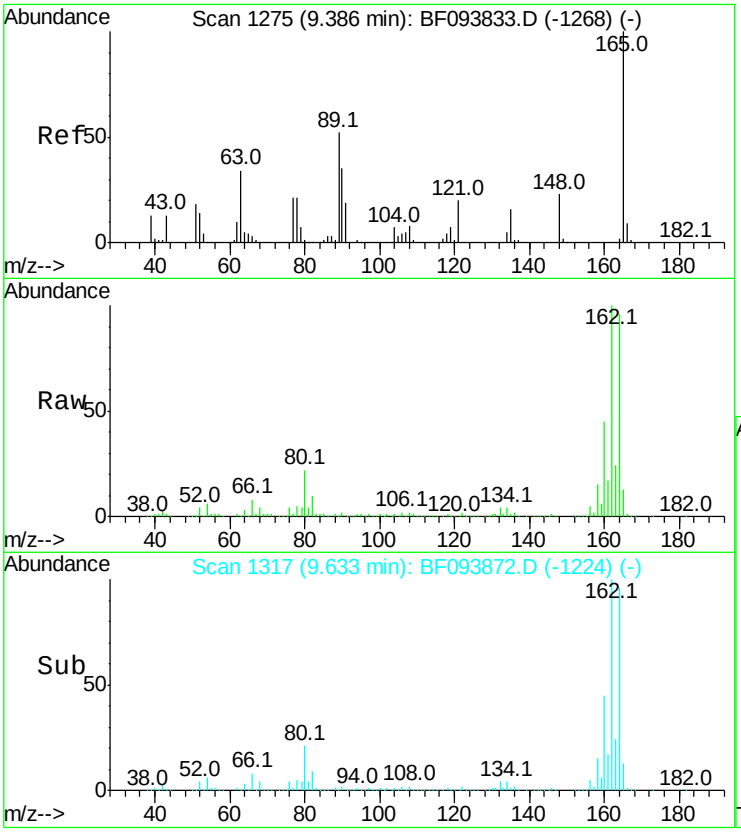


#49
Dimethylphthalate
Concen: 3.90 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:163 Resp: 87778

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6



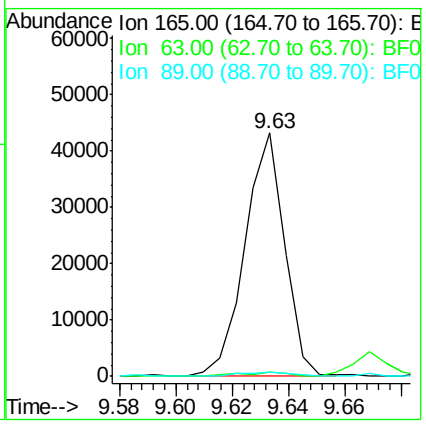


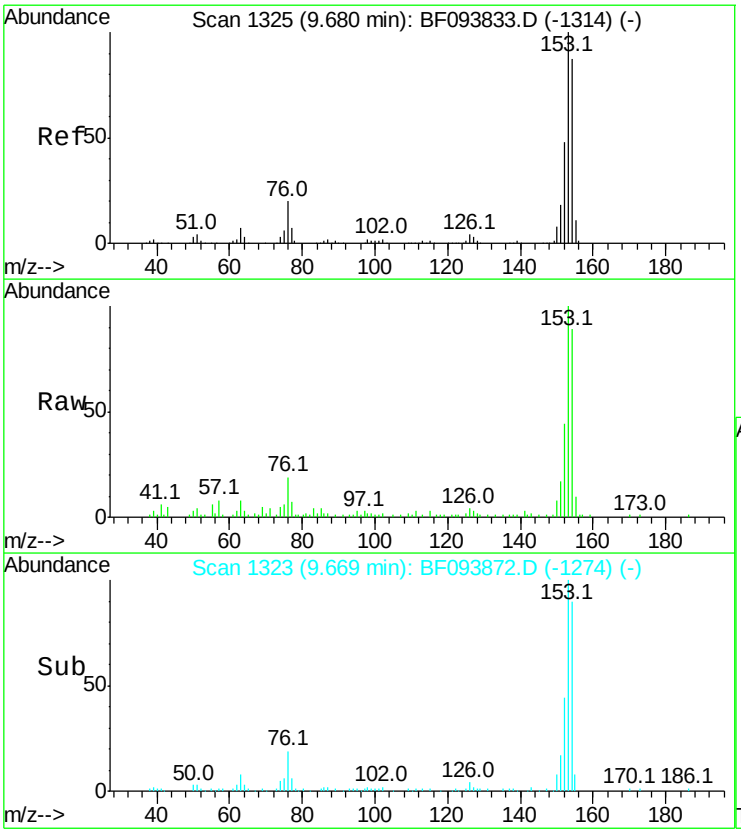
#50
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.25 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42188

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

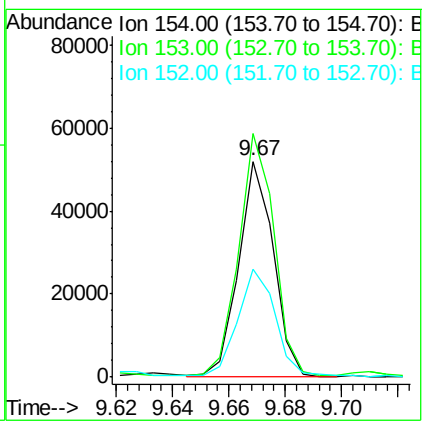


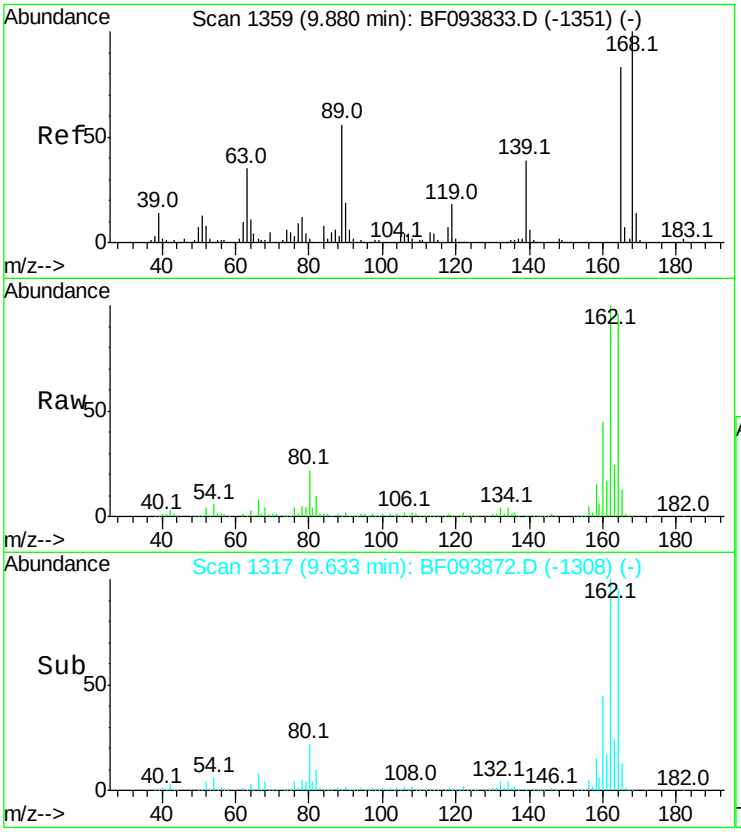


#51
Acenaphthene
Concen: 2.30 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:154 Resp: 44646

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	50.0	43.6	65.4



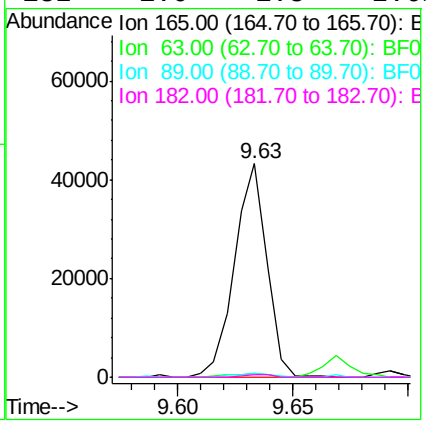


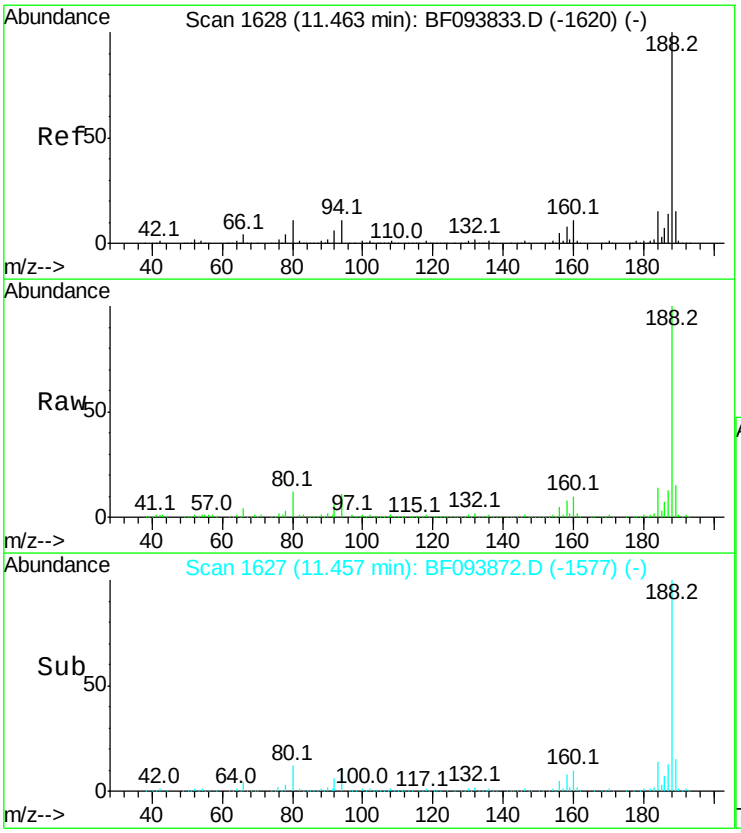
#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.25 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42317

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.6	46.4	69.6#
182	1.0	1.8	2.6#

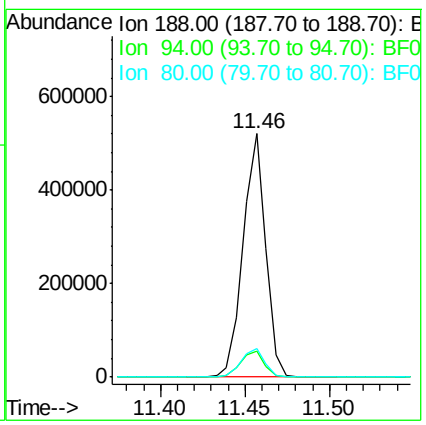


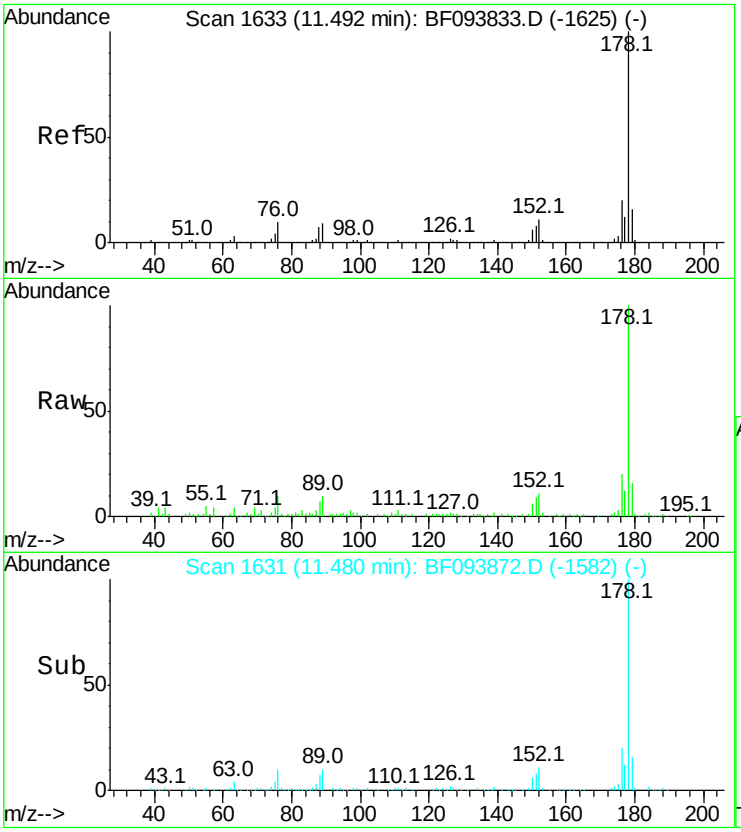


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:188 Resp: 485697

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.8	10.2	15.2



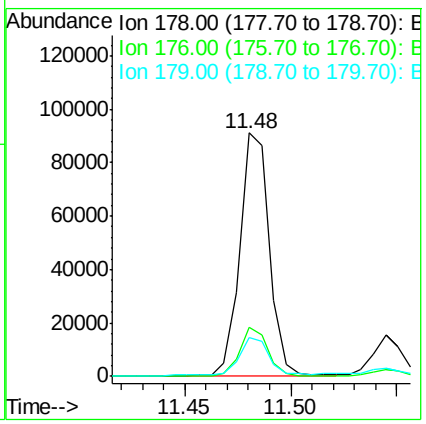


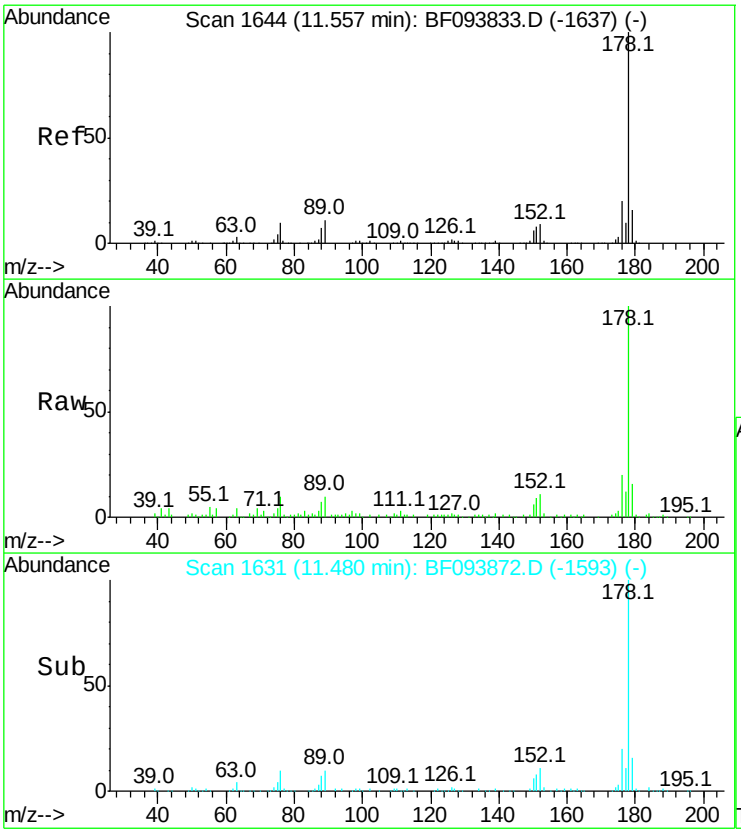
#70
Phenanthrene
Concen: 3.27 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 88360

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.0	12.6	19.0

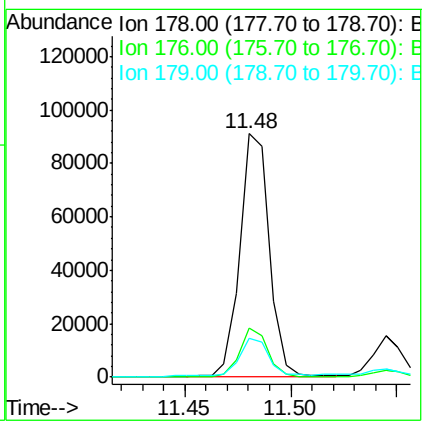


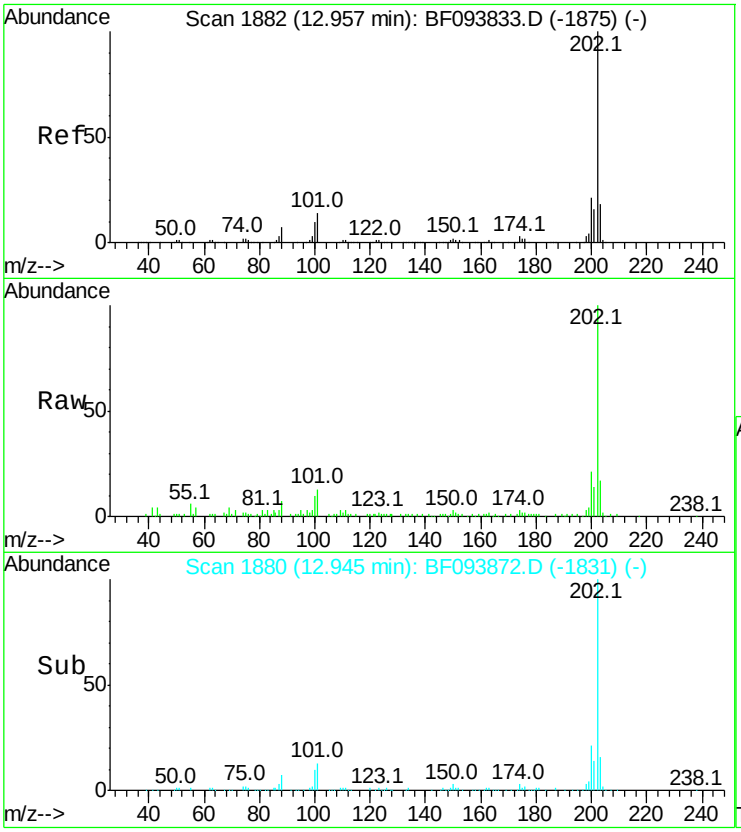


#71
Anthracene
Concen: 3.18 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.08 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:178 Resp: 88360

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	12.7	19.1



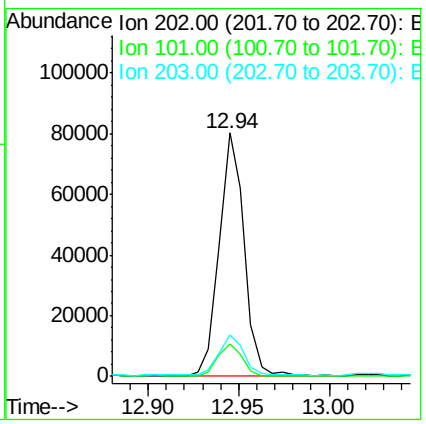


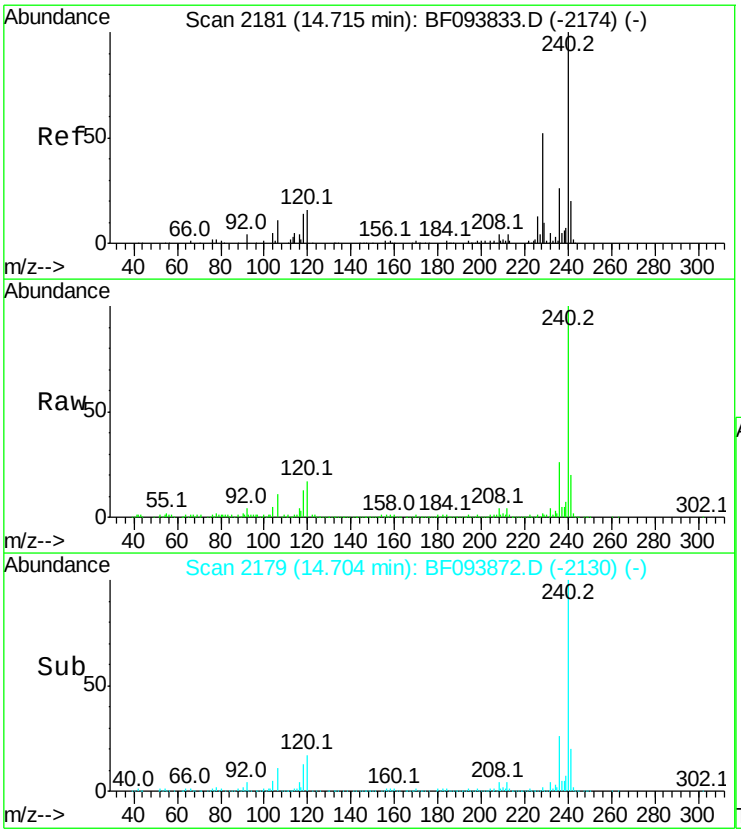
#74
Fluoranthene
Concen: 2.78 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 76915

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1

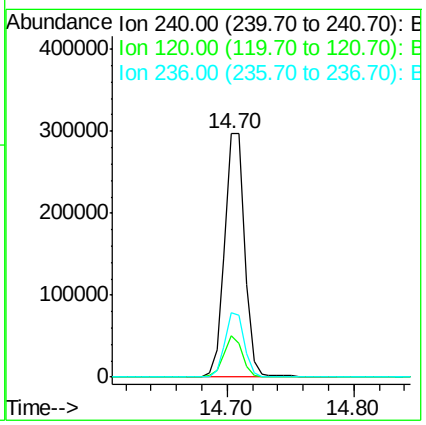


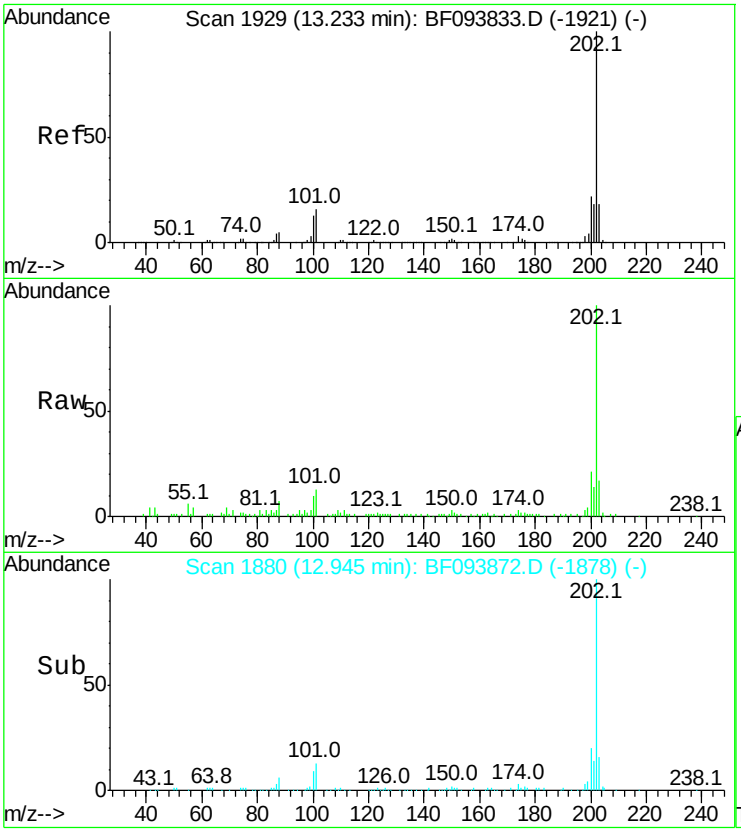


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:240 Resp: 326715

Ion	Ratio	Lower	Upper
240	100		
120	16.9	5.8	8.8#
236	26.4	20.5	30.7



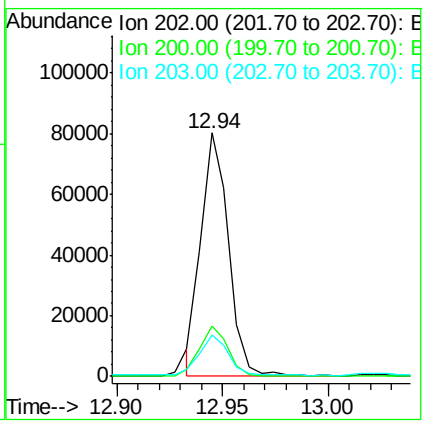


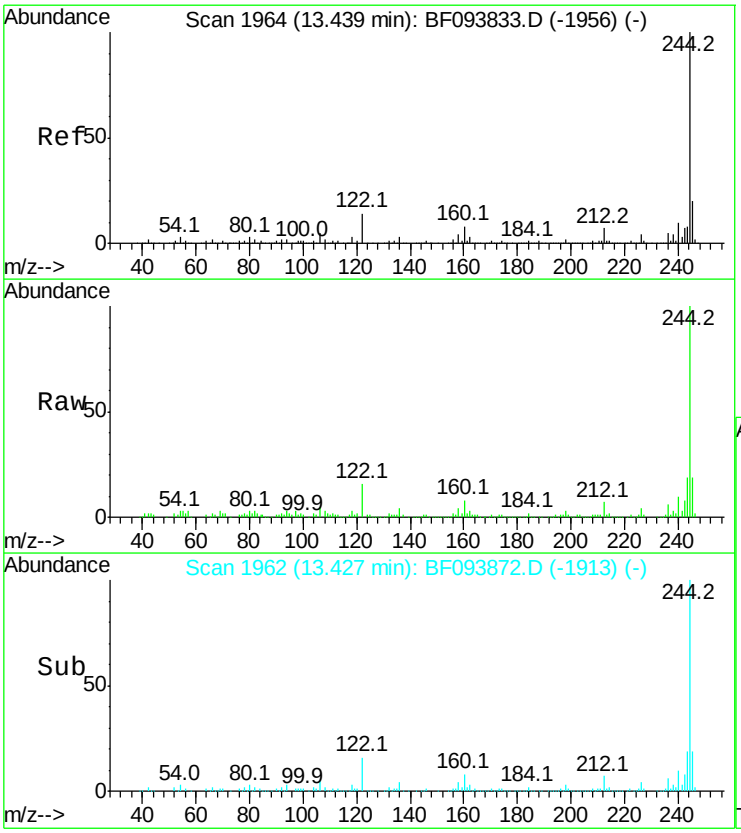
#77
Pyrene
Concen: 3.09 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.29 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73279

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	16.8	14.4	21.6

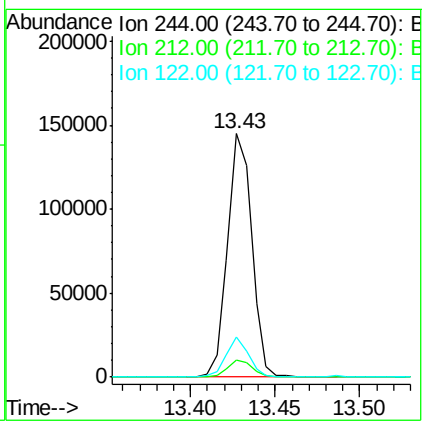


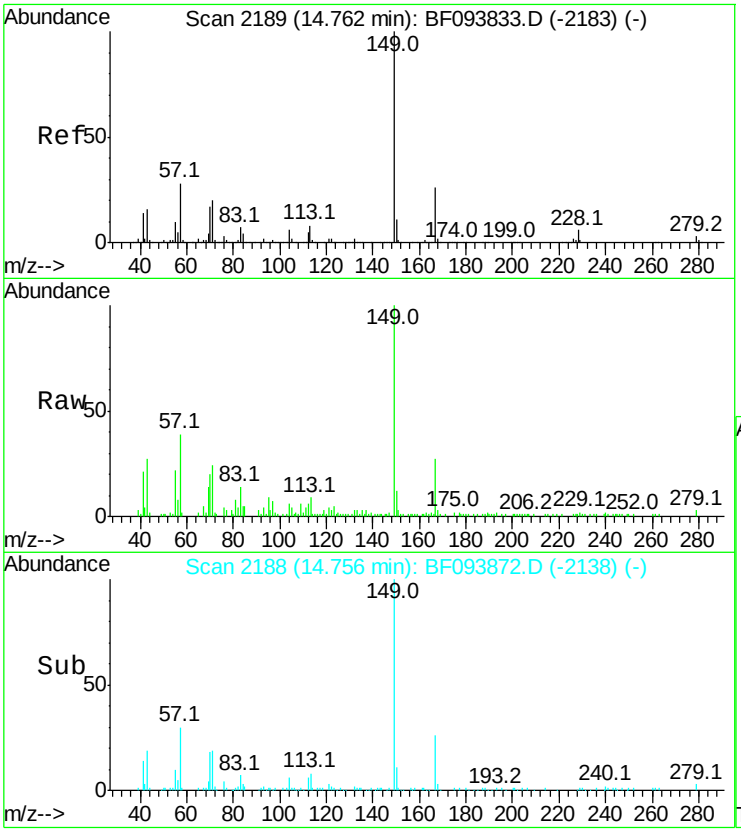


#78
Terphenyl-d14
Concen: 9.90 ng
RT: 13.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:244 Resp: 144260

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	16.4	10.3	15.5#



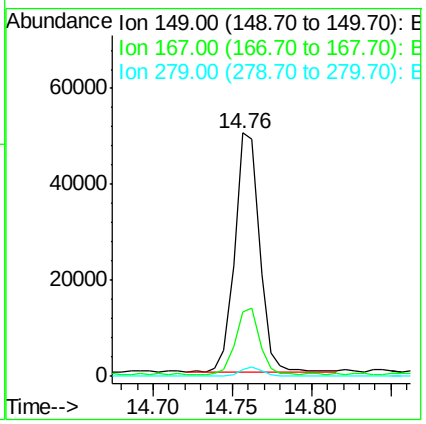


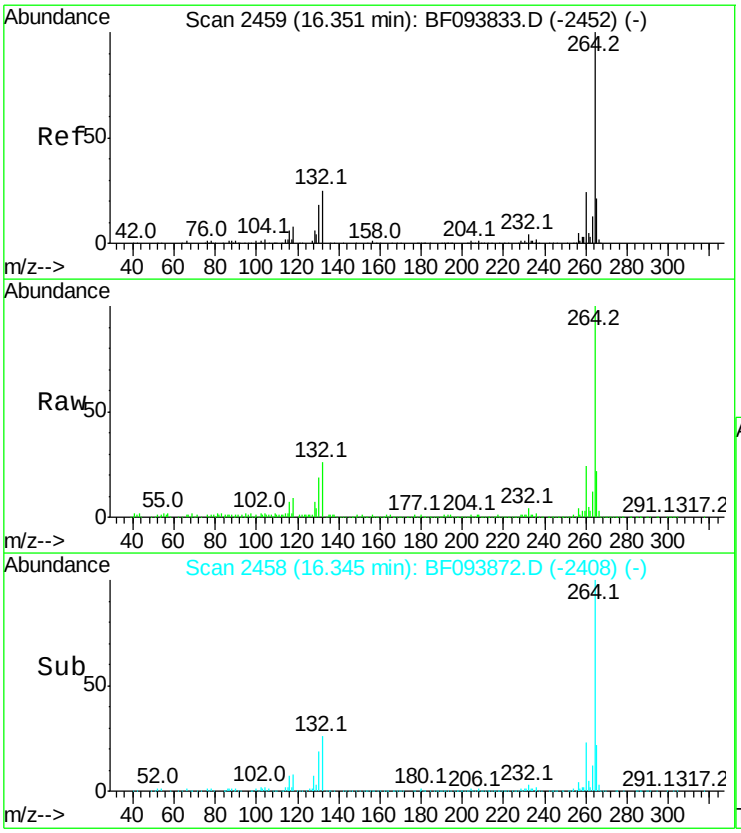
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.90 ng
RT: 14.76 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 53725

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.9	1.9	2.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093872.D
Acq: 23 Mar 2017 9:57

Tgt Ion:264 Resp: 302185

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8