Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094109.D
Acq On : 31 Mar 2017 21:15
Operator : SJ/MA
Sample : I2463-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 31 23:11:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	160896	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	562620	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	235959	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	346324	20.00	ng		0.00
75) Chrysene-d12	14.67	240	252122	20.00	ng		0.04
86) Perylene-d12	16.30	264	217463	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.44	112	1020904	107.17	ng		0.00
7) Phenol-d6	5.51	99	1253584	106.37	ng		0.00
23) Nitrobenzene-d5	6.55	82	750377	76.11	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	203492	109.14	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	1298671	83.95	ng		0.00
78) Terphenyl-d14	13.38	244	587931	52.27	ng		0.03
Target Compounds							Qvalue
9) Benzaldehyde	5.39	77	19200	2.41	ng		97
10) Phenol	5.52	94	56876	4.24	ng		90
17) 2-Methylphenol	6.21	107	240240	26.79	ng		94
19) n-Nitroso-di-n-propylamine	6.36	70	118850	15.69	ng	#	62
20) 3+4-Methylphenols	6.40	107	326347	30.05	ng	#	61
27) 2,4-Dimethylphenol	7.03	122	519505	65.02	ng	#	93
29) 2,4-Dichlorophenol	7.25	162	130013	17.40	ng		99
31) Naphthalene	7.41	128	563661	20.84	ng	#	79
32) Benzoic acid	7.19	122	521690	98.09	ng	#	12
33) 4-Chloroaniline	7.43	127	53938	4.92	ng	#	40
35) Caprolactam	7.97	113	58389	24.51	ng	#	46
37) 2-Methylnaphthalene	8.27	142	71358	3.96	ng		97
46) 2-Chloronaphthalene	9.00	162	153659	10.31	ng	#	41
49) Dimethylphthalate	9.22	163	83049	4.95	ng		100
55) 4-Nitrophenol	9.66	139	9776	2.76	ng		95
68) Atrazine	11.12	200	10492	2.92	ng	#	54
70) Phenanthrene	11.40	178	101076	5.25	ng		96
71) Anthracene	11.40	178	101076	5.10	ng		97
82) Chrysene	14.70	228	30891	2.26	ng	#	78

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

Quantitation Report (Not Reviewed)

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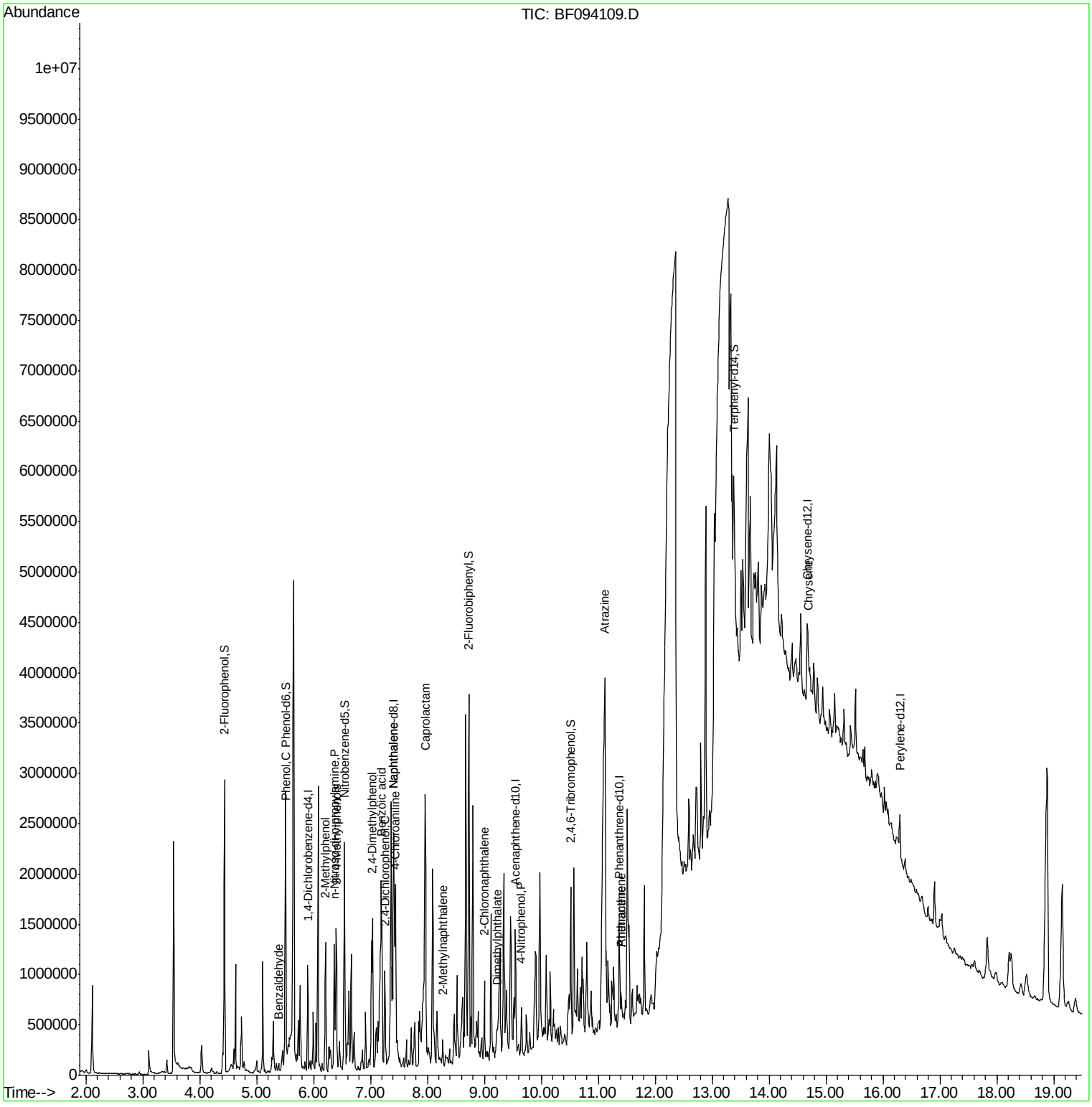
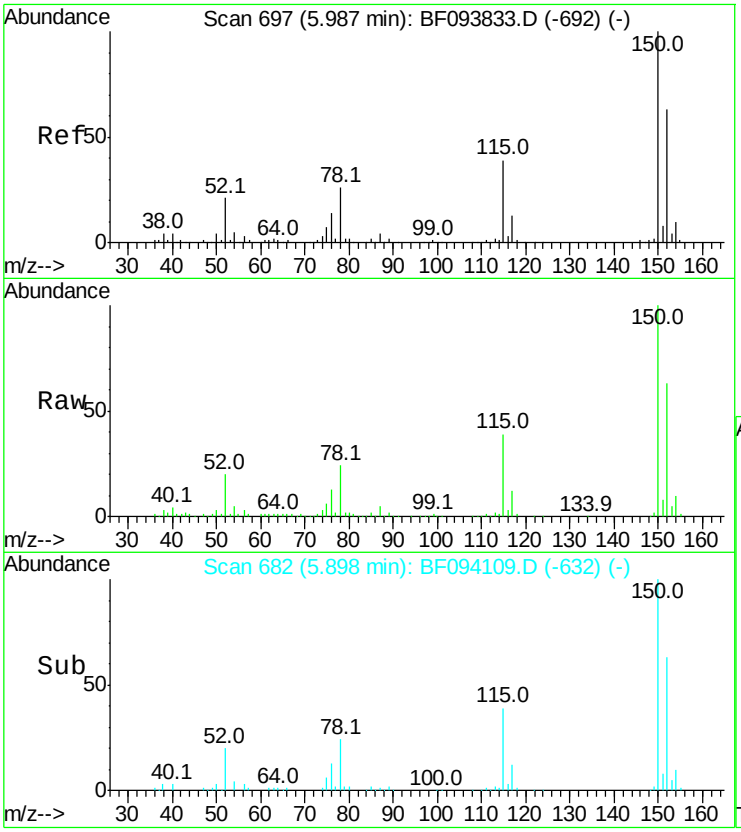


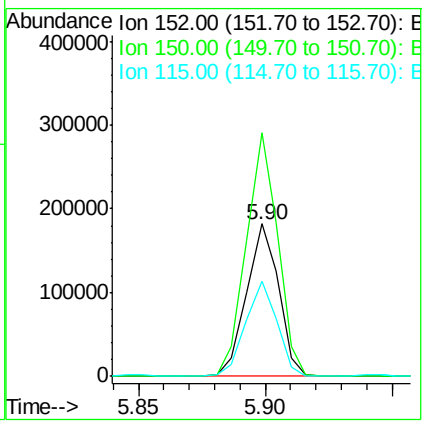


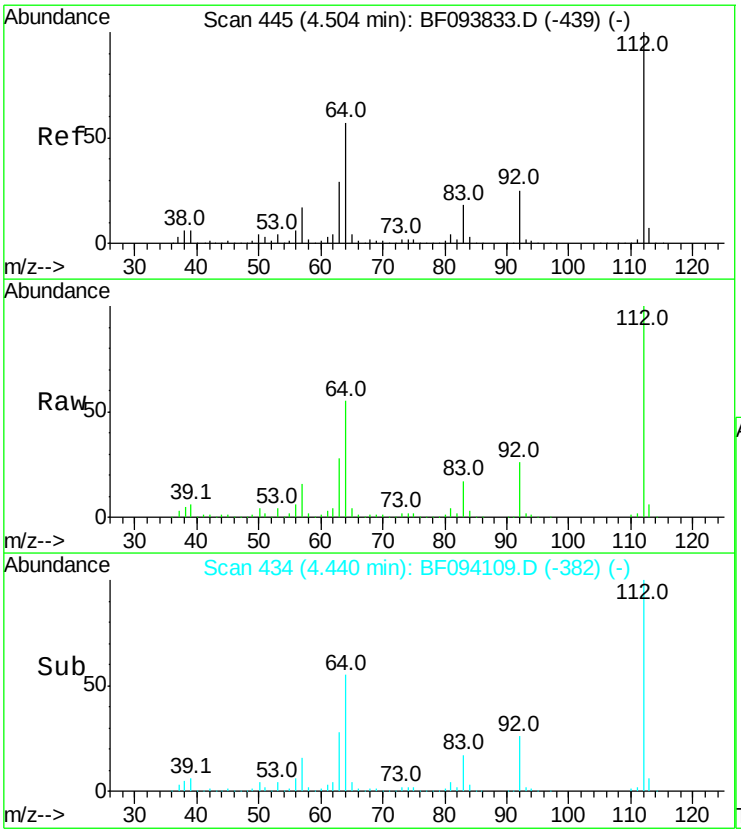
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160896

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.5	52.2	78.2

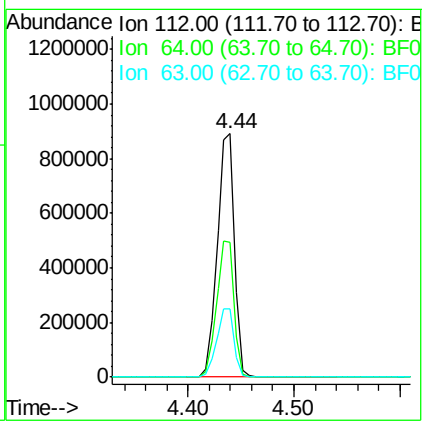


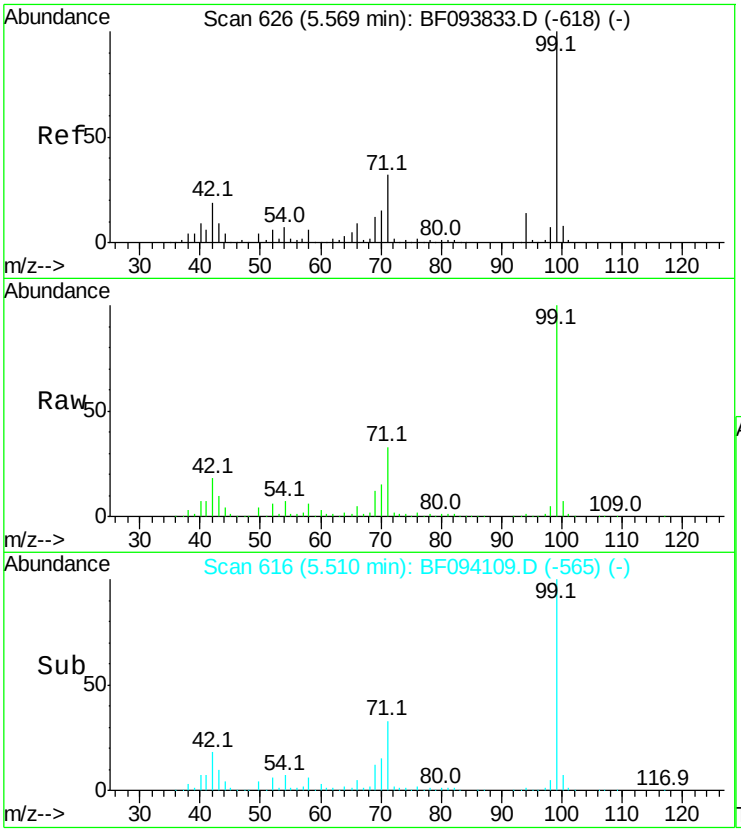


#5
2-Fluorophenol
Concen: 107.17 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:112 Resp: 1020904

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.9	23.4	35.0



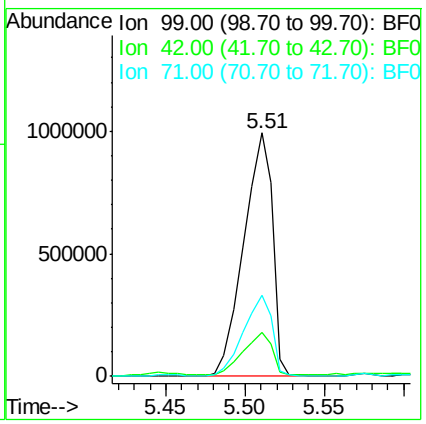


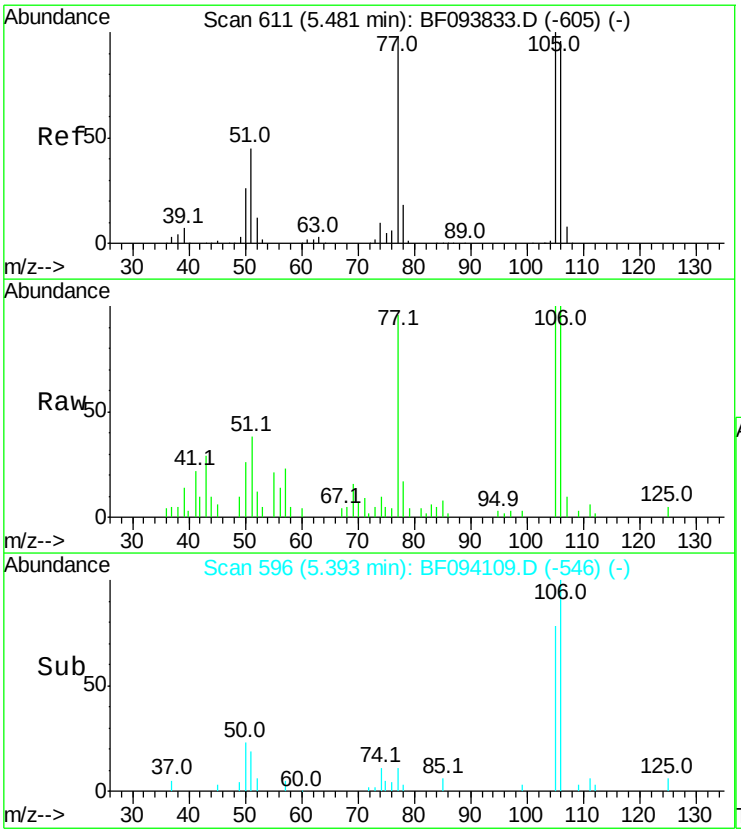
#7
Phenol-d6
Concen: 106.37 ng
RT: 5.51 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1253584

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.3	24.5	36.7

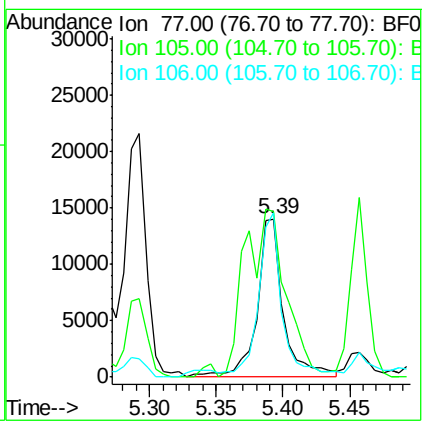


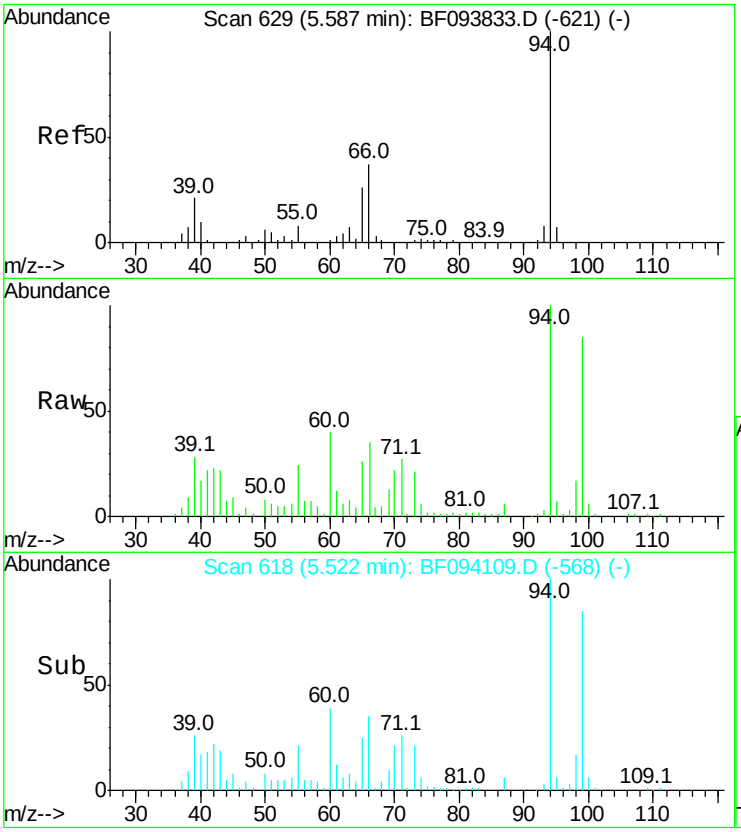


#9
Benzaldehyde
Concen: 2.41 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion: 77 Resp: 19200

Ion	Ratio	Lower	Upper
77	100		
105	104.6	83.8	123.8
106	104.2	79.1	119.1



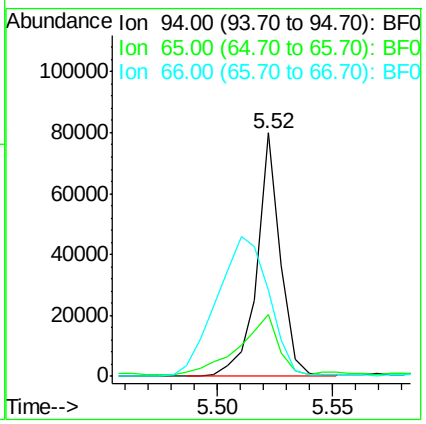


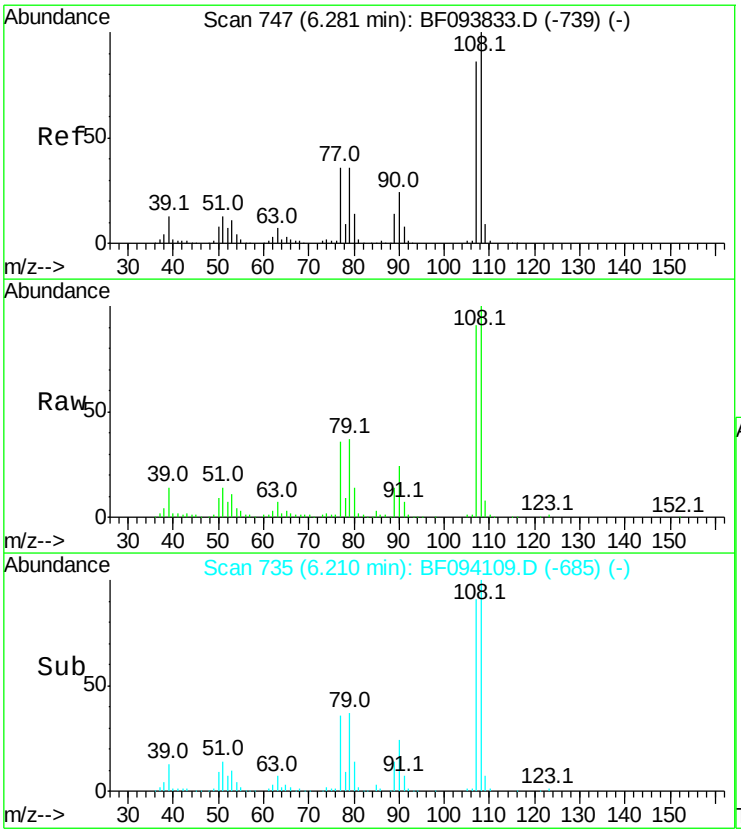
#10
Phenol
Concen: 4.24 ng
RT: 5.52 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 56876

Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	35.3	23.1	63.1

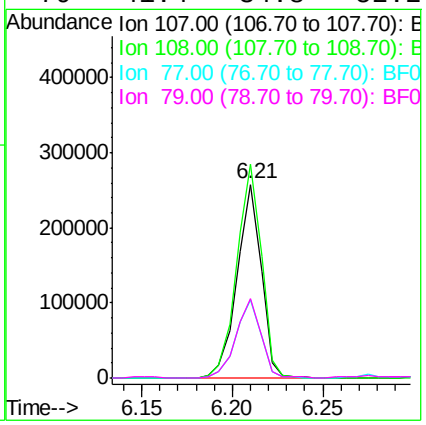


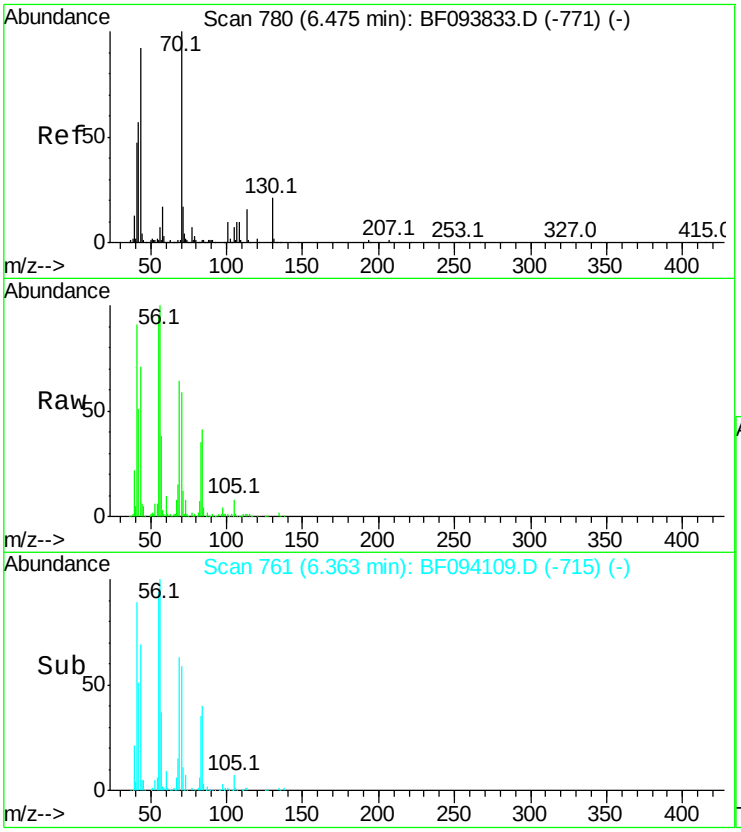


#17
2-Methylphenol
Concen: 26.79 ng
RT: 6.21 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:107 Resp: 240240

Ion	Ratio	Lower	Upper
107	100		
108	110.4	93.4	140.0
77	40.2	35.8	53.6
79	41.4	34.8	52.2



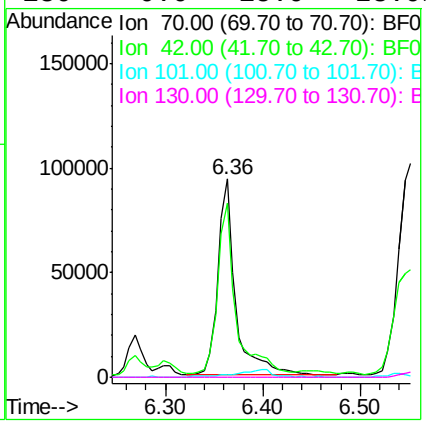


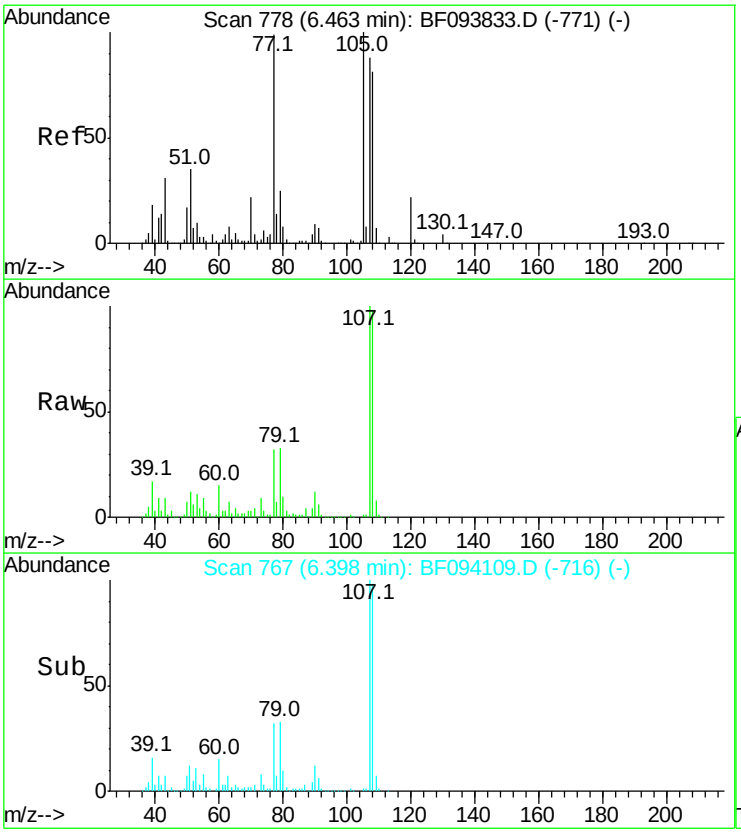
#19
n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 118850

Ion	Ratio	Lower	Upper
70	100		
42	87.6	47.2	70.8#
101	1.1	7.2	10.8#
130	0.0	15.9	23.9#

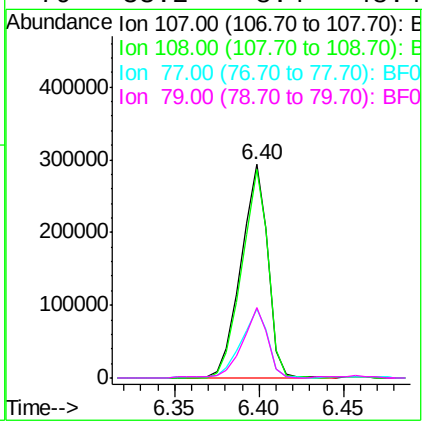


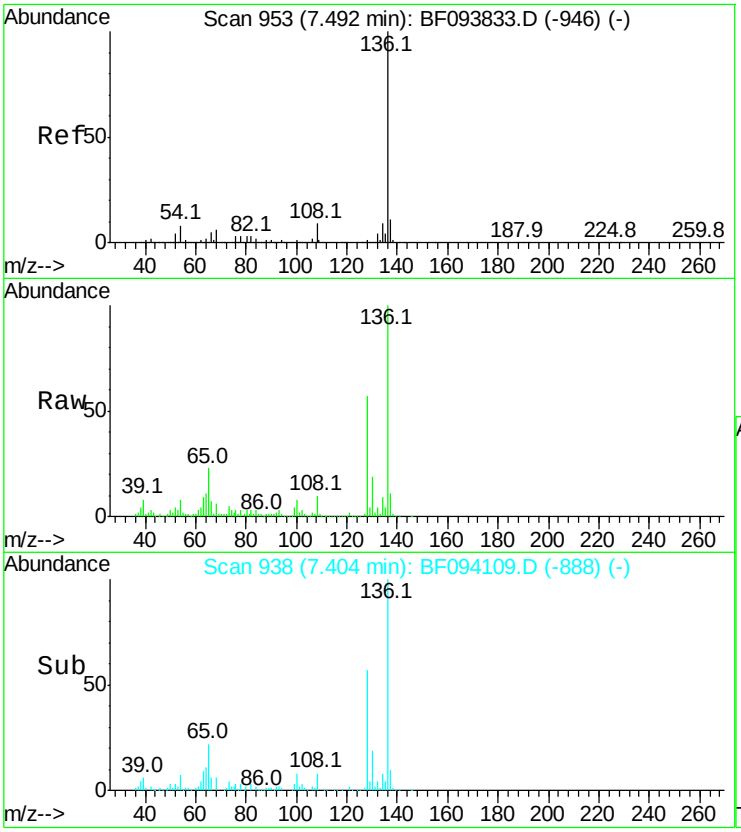


#20
3+4-Methylphenols
Concen: 30.05 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:107 Resp: 326347

Ion	Ratio	Lower	Upper
107	100		
108	97.6	71.0	111.0
77	32.3	90.5	130.5#
79	33.2	8.4	48.4



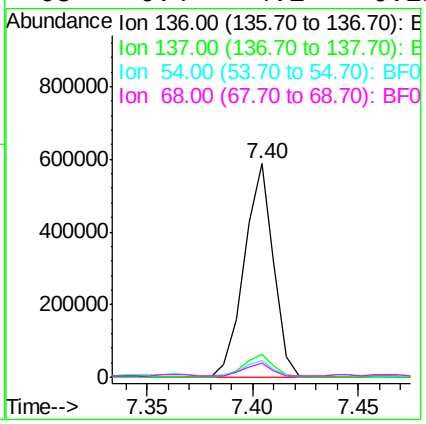


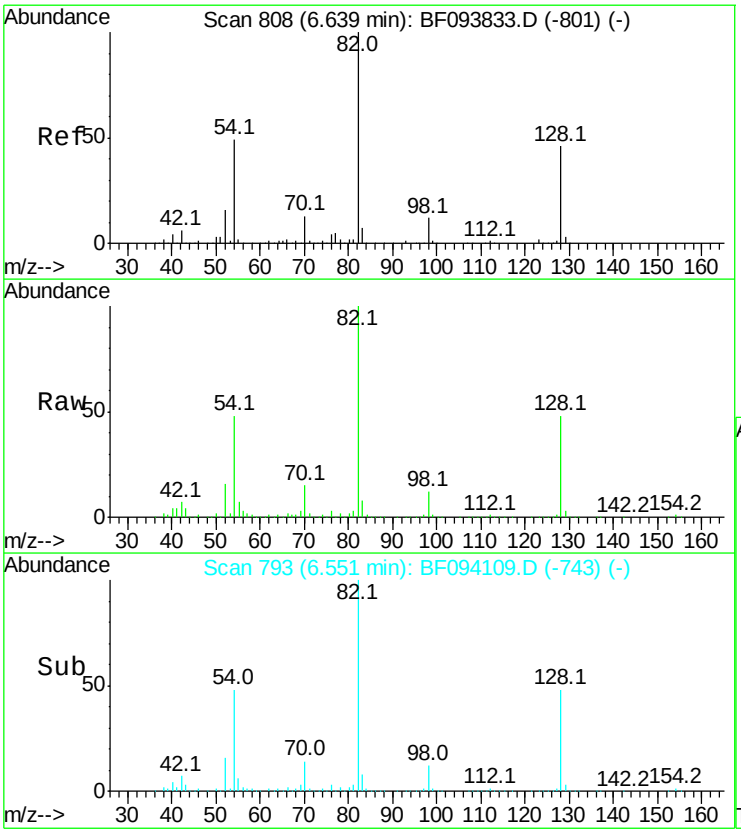
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 562620

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.7	4.9	7.3#
68	6.4	4.1	6.1#

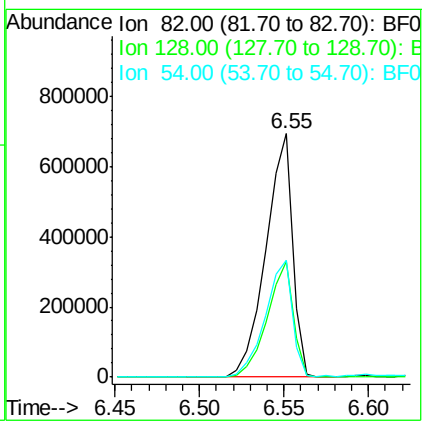


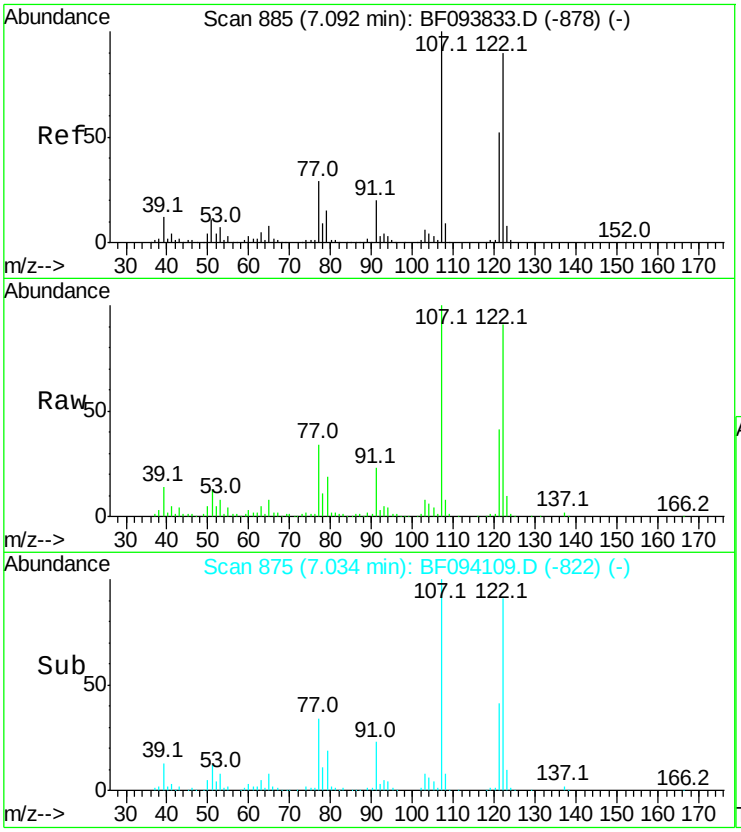


#23
Nitrobenzene-d5
Concen: 76.11 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion: 82 Resp: 750377

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	47.9	42.2	63.2



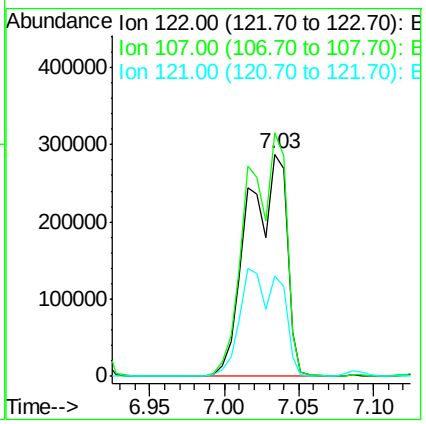


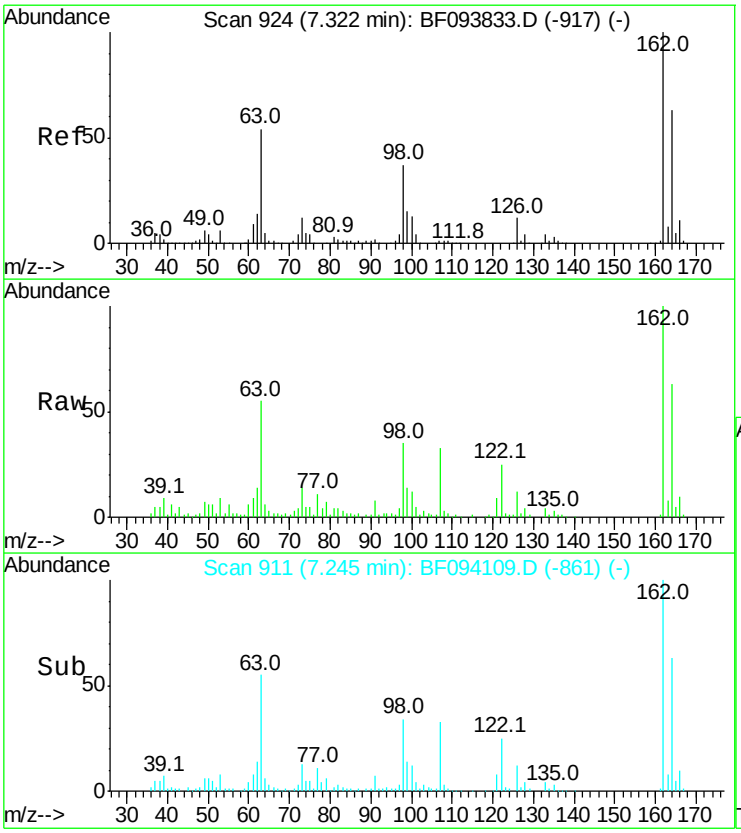
#27
2,4-Dimethylphenol
Concen: 65.02 ng
RT: 7.03 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 519505

Ion	Ratio	Lower	Upper
122	100		
107	109.5	89.2	133.8
121	44.9	45.2	67.8#

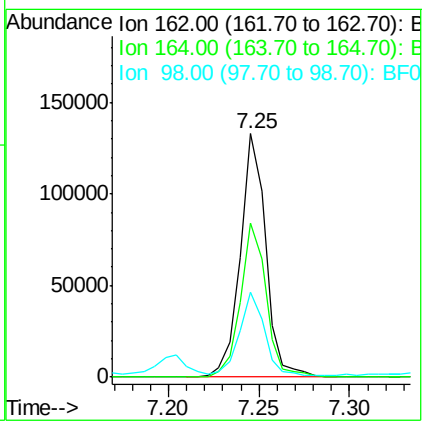


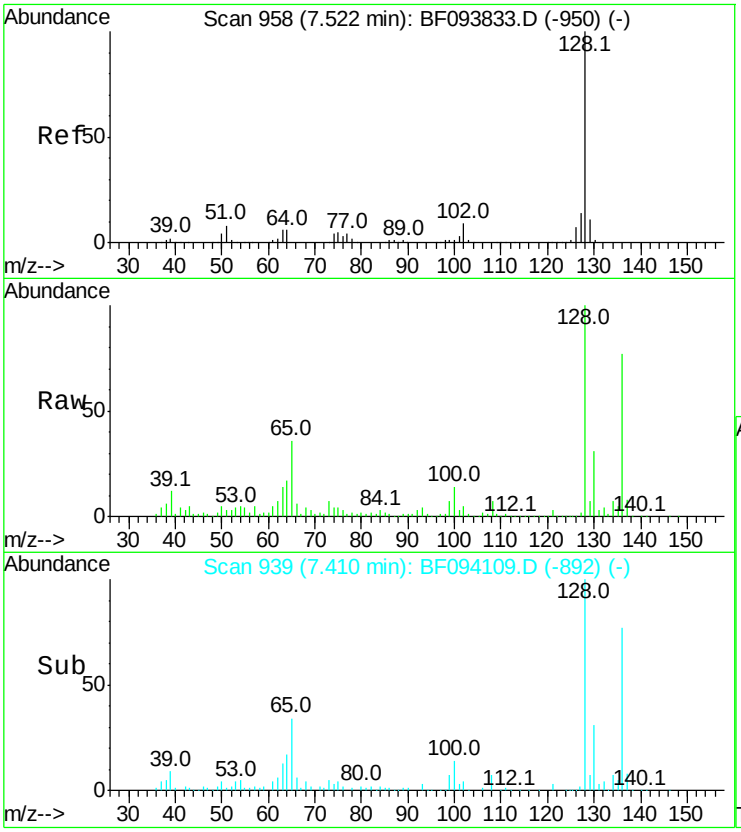


#29
2,4-Dichlorophenol
Concen: 17.40 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:162 Resp: 130013

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	34.9	14.8	54.8



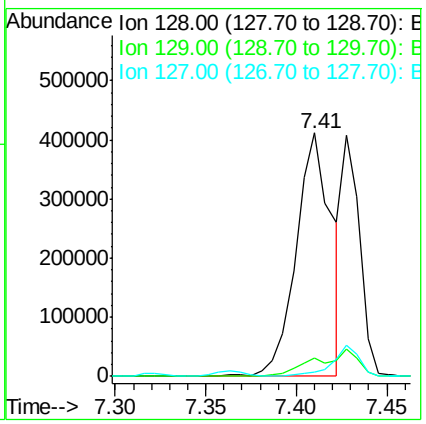


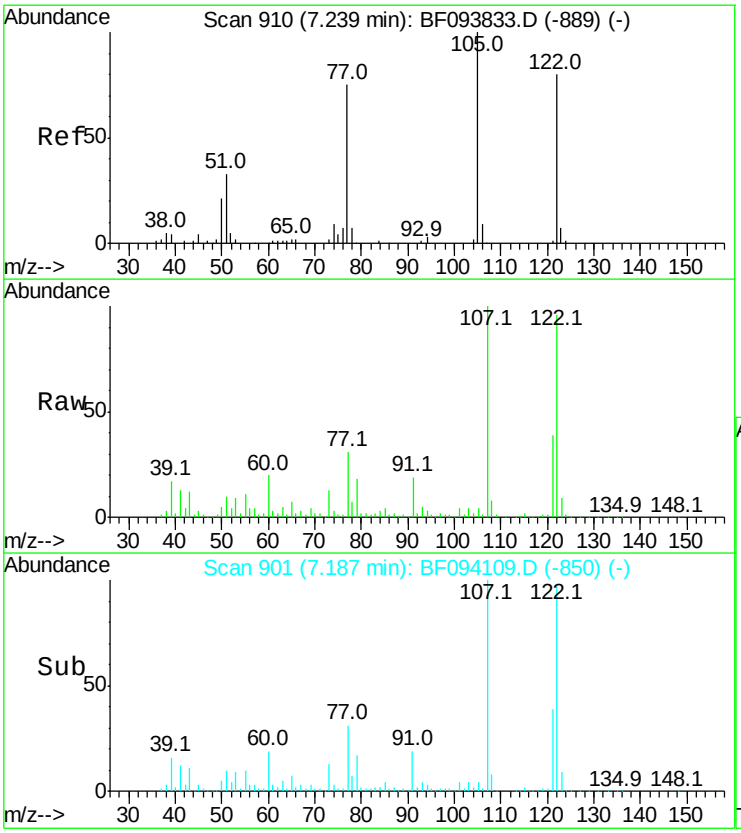
#31
Naphthalene
Concen: 20.84 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 563661

Ion	Ratio	Lower	Upper
128	100		
129	7.3	9.0	13.6#
127	1.6	10.8	16.2#

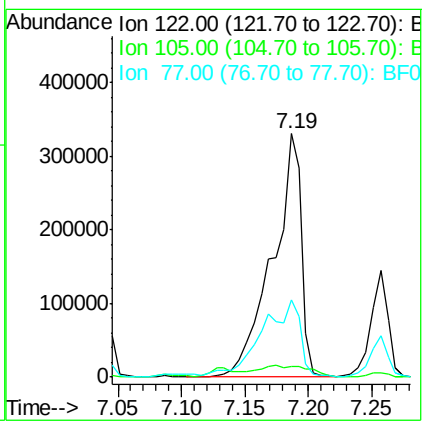


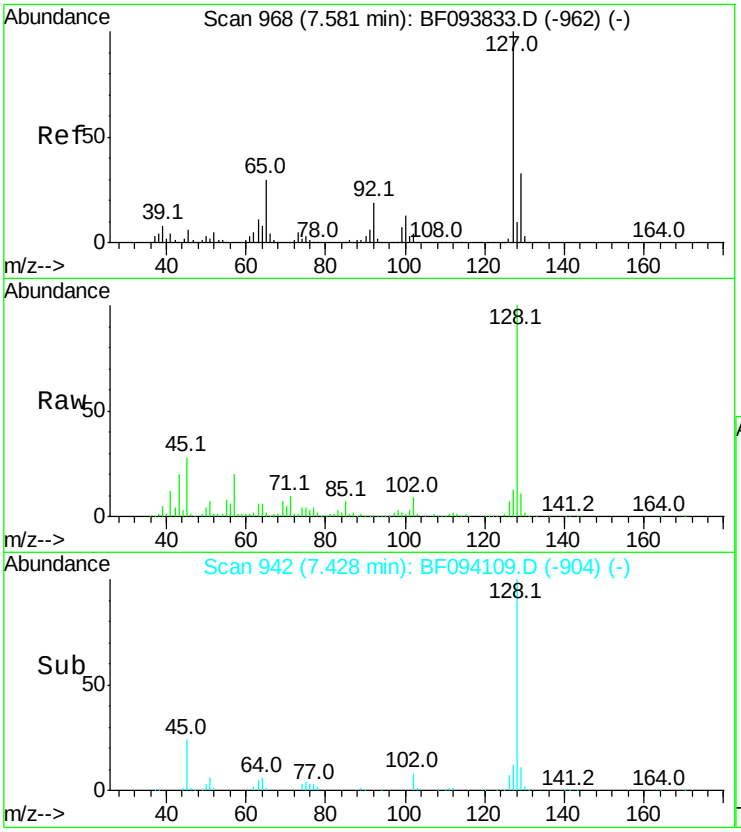


#32
Benzoic acid
Concen: 98.09 ng
RT: 7.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:122 Resp: 521690

Ion	Ratio	Lower	Upper
122	100		
105	4.5	103.3	143.3#
77	31.8	73.7	113.7#



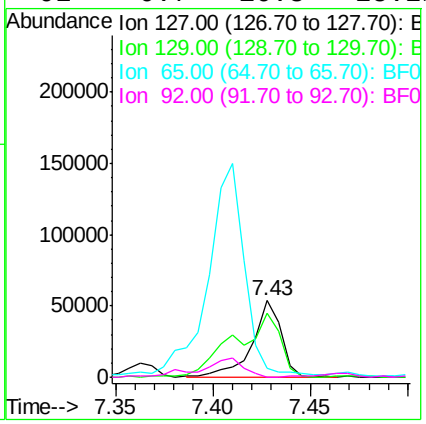


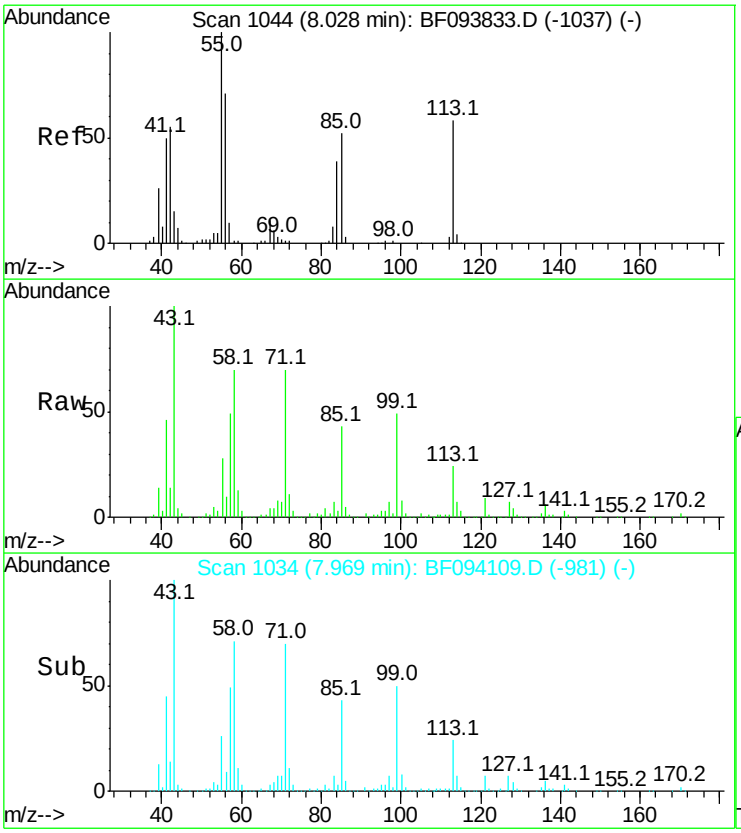
#33
4-Chloroaniline
Concen: 4.92 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.08 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 53938

Ion	Ratio	Lower	Upper
127	100		
129	84.5	26.2	39.2#
65	12.1	27.8	41.8#
92	0.7	16.8	25.2#

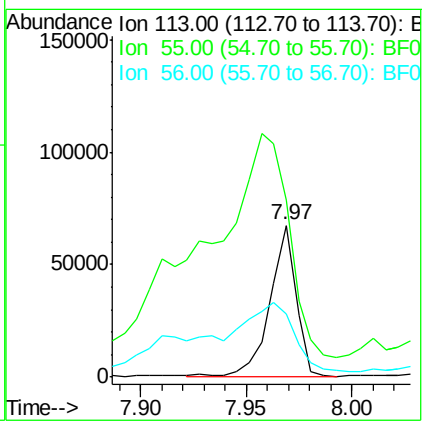


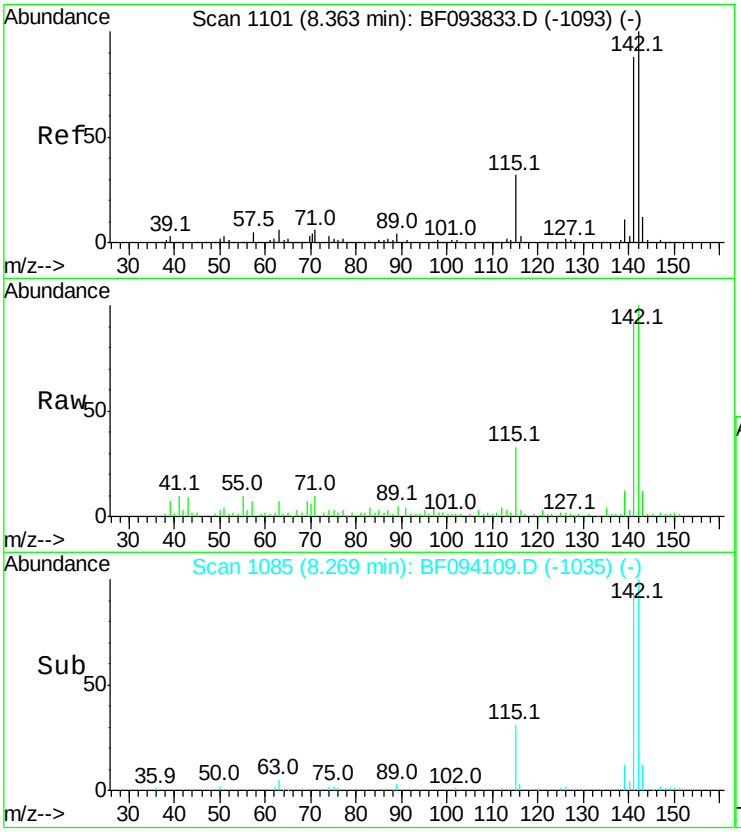


#35
Caprolactam
Concen: 24.51 ng
RT: 7.97 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:113 Resp: 58389

Ion	Ratio	Lower	Upper
113	100		
55	116.9	150.2	190.2#
56	41.3	107.8	147.8#

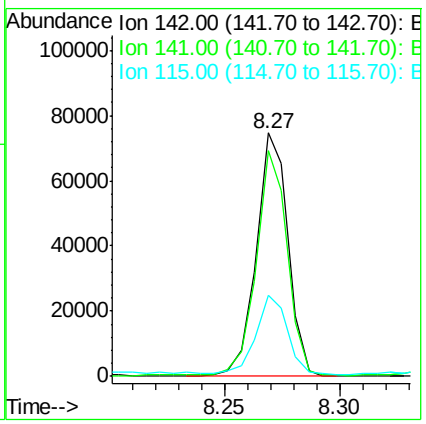




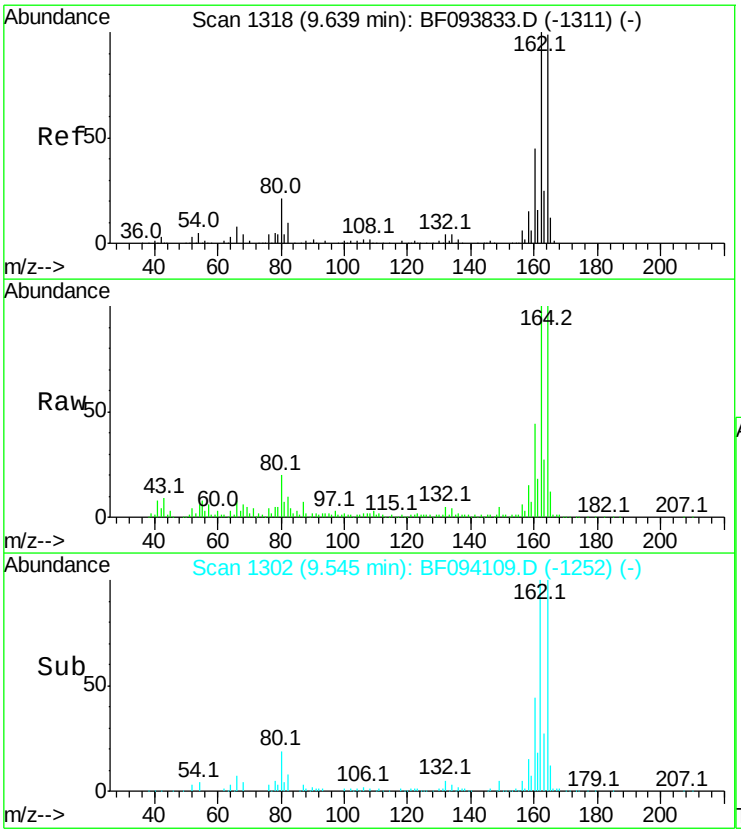
#37
2-Methylnaphthalene
Concen: 3.96 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:142 Resp: 71358

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.3	106.9
115	33.4	27.1	40.7



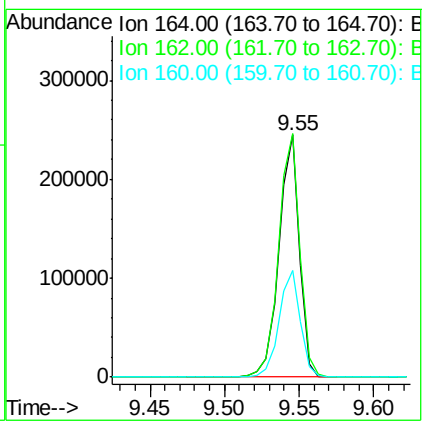
Instrument :
BNA_F
ClientSampleId :

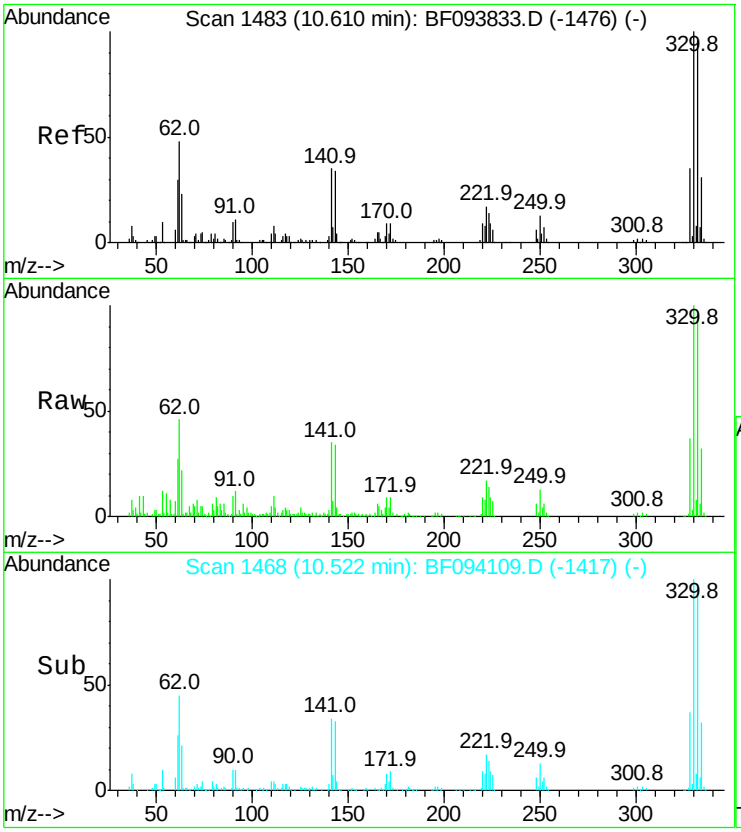


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:164 Resp: 235959

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	43.8	36.2	54.2



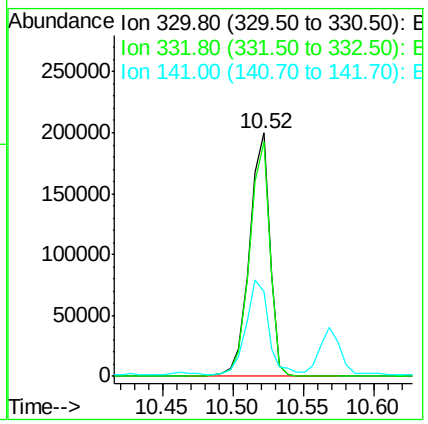


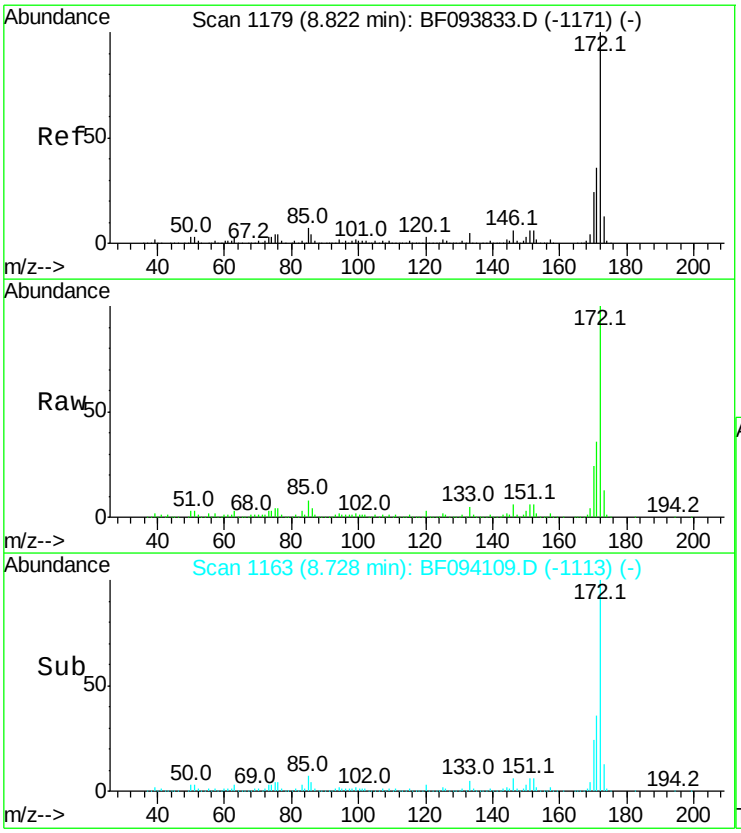
#41
2,4,6-Tribromophenol
Concen: 109.14 ng
RT: 10.52 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 203492

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	42.6	31.4	47.2

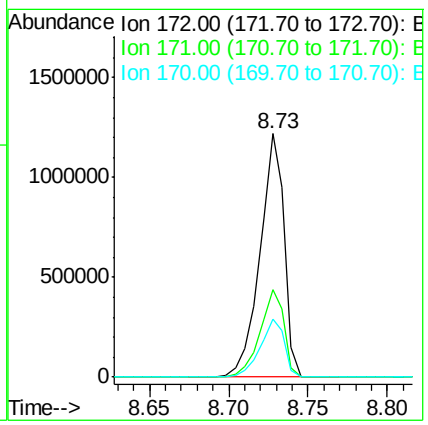


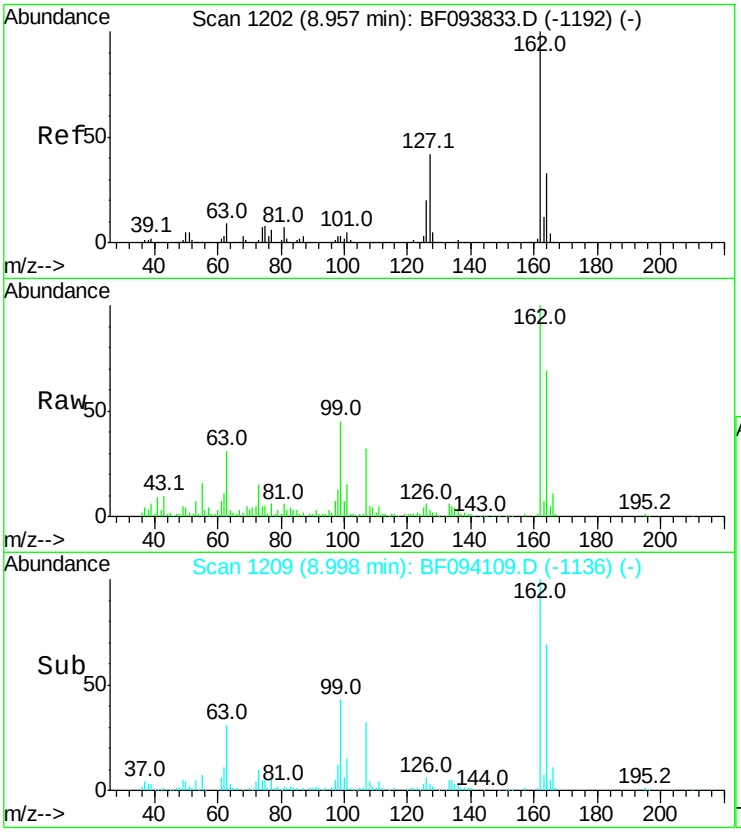


#44
2-Fluorobiphenyl
Concen: 83.95 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:172 Resp: 1298671

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8



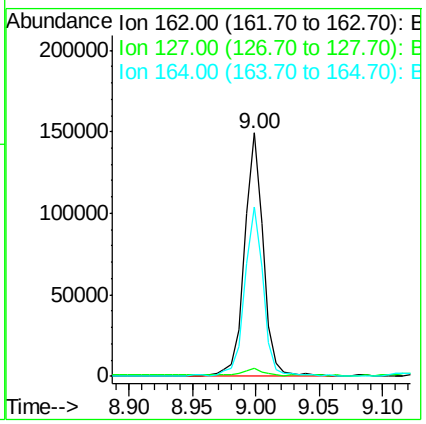


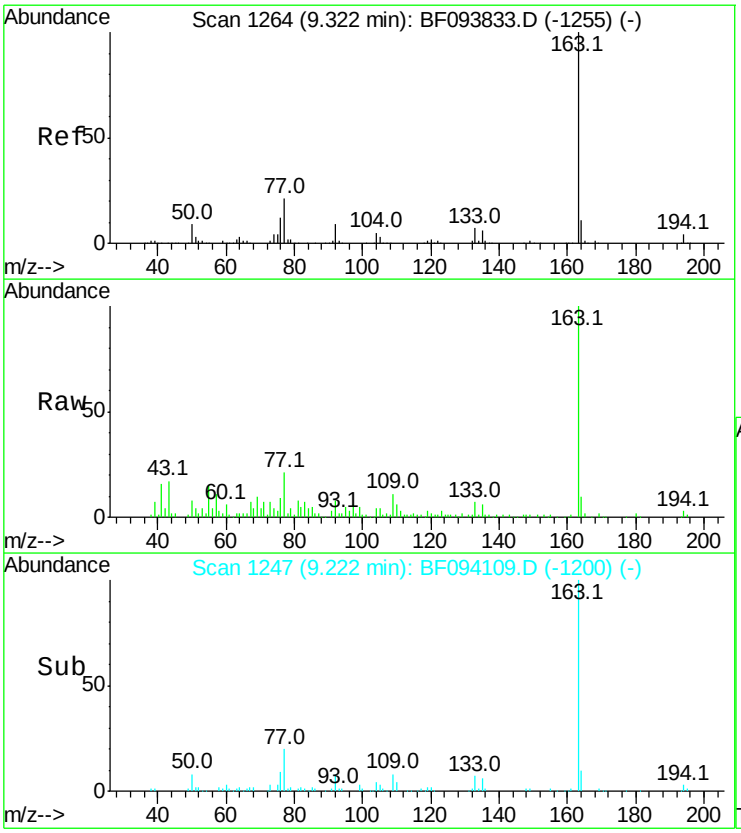
#46
2-Chloronaphthalene
Concen: 10.31 ng
RT: 9.00 min Scan# 1209
Delta R.T. 0.13 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 153659

Ion	Ratio	Lower	Upper
162	100		
127	3.3	28.3	42.5#
164	69.4	27.0	40.4#

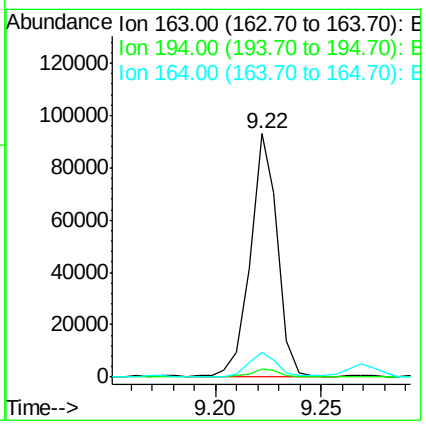


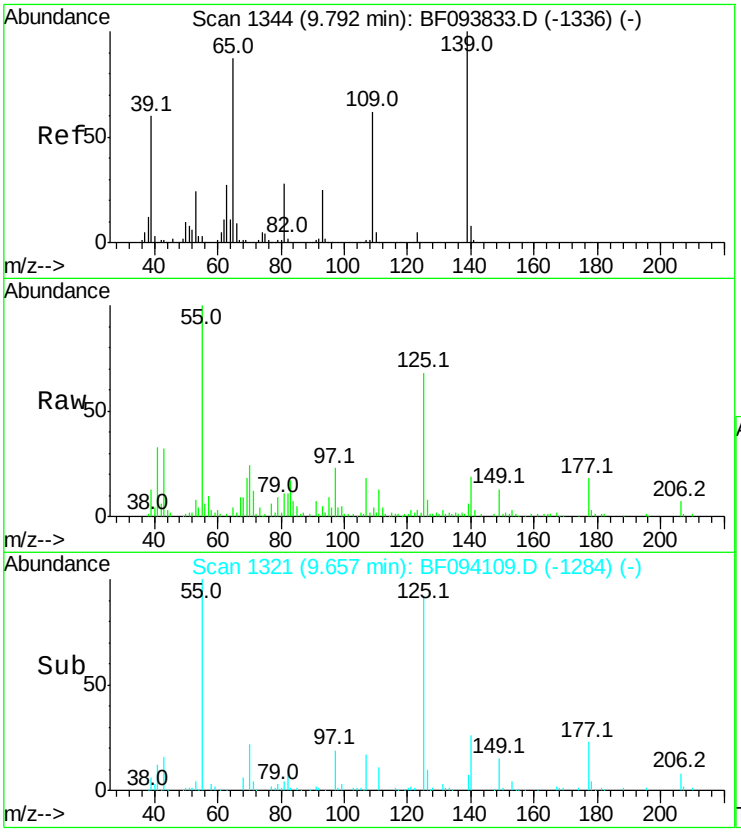


#49
Dimethylphthalate
Concen: 4.95 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:163 Resp: 83049

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6



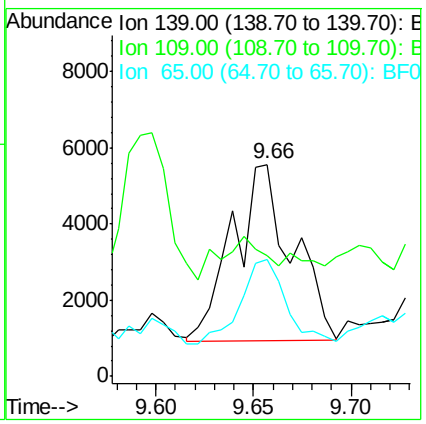


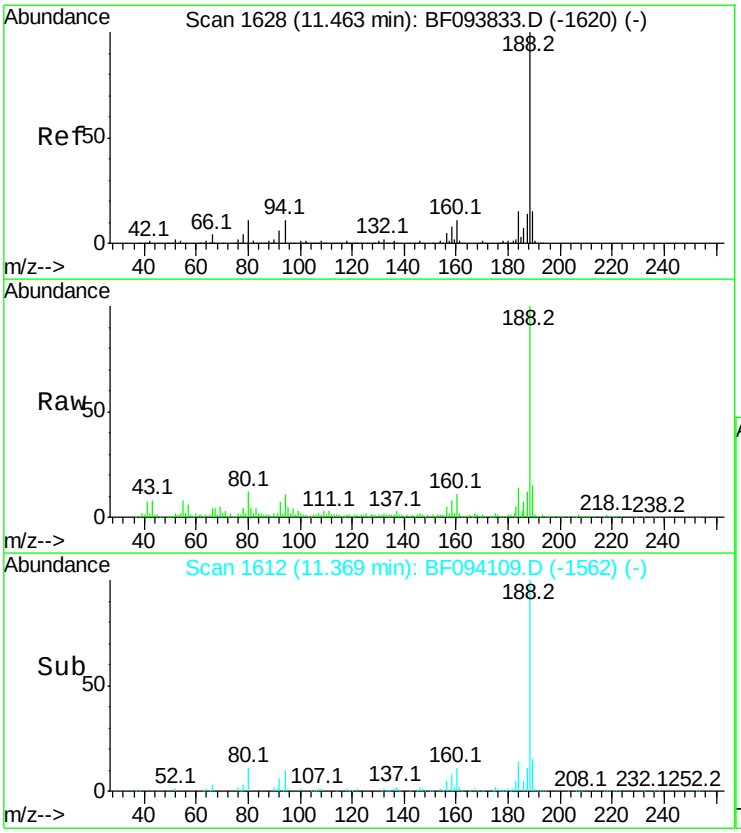
#55
4-Nitrophenol
Concen: 2.76 ng
RT: 9.66 min Scan# 1321
Delta R.T. -0.08 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9776

Ion	Ratio	Lower	Upper
139	100		
109	57.0	34.1	74.1
65	55.1	31.4	71.4

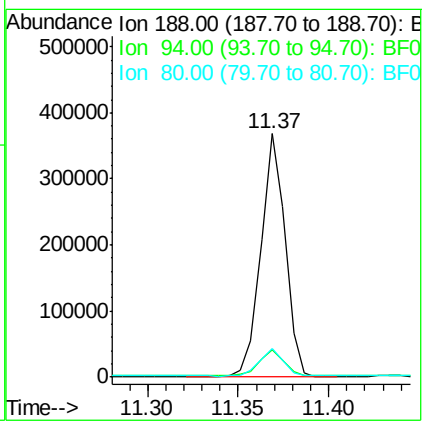


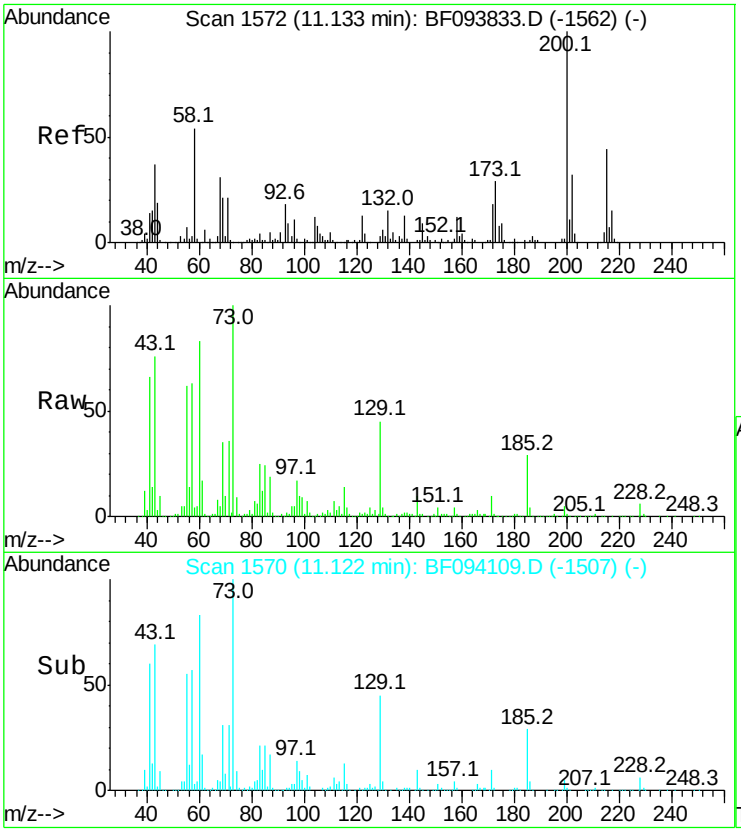


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:188 Resp: 346324

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.8	10.2	15.2



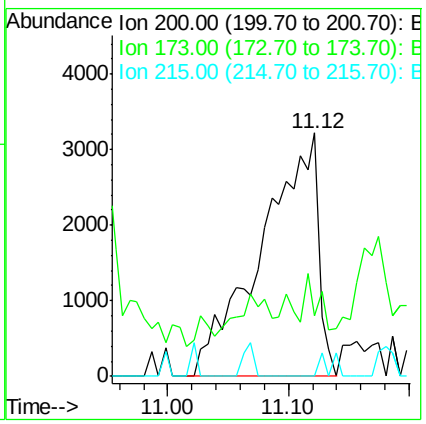


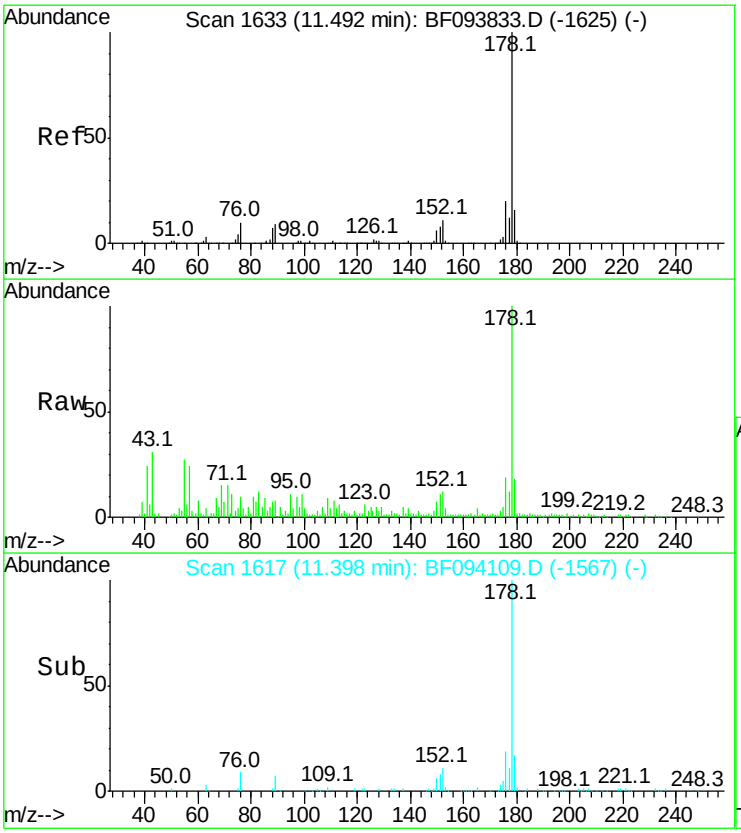
#68
Atrazine
Concen: 2.92 ng
RT: 11.12 min Scan# 1570
Delta R.T. 0.07 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 10492

Ion	Ratio	Lower	Upper
200	100		
173	24.7	6.3	46.3
215	0.0	27.2	67.2#

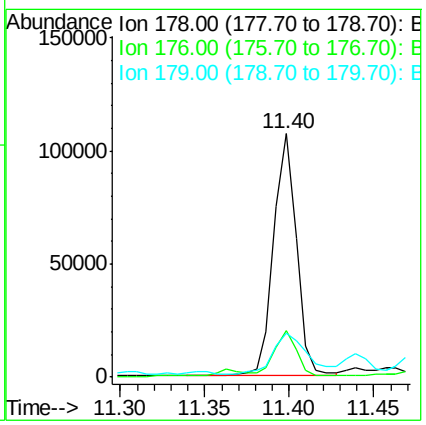


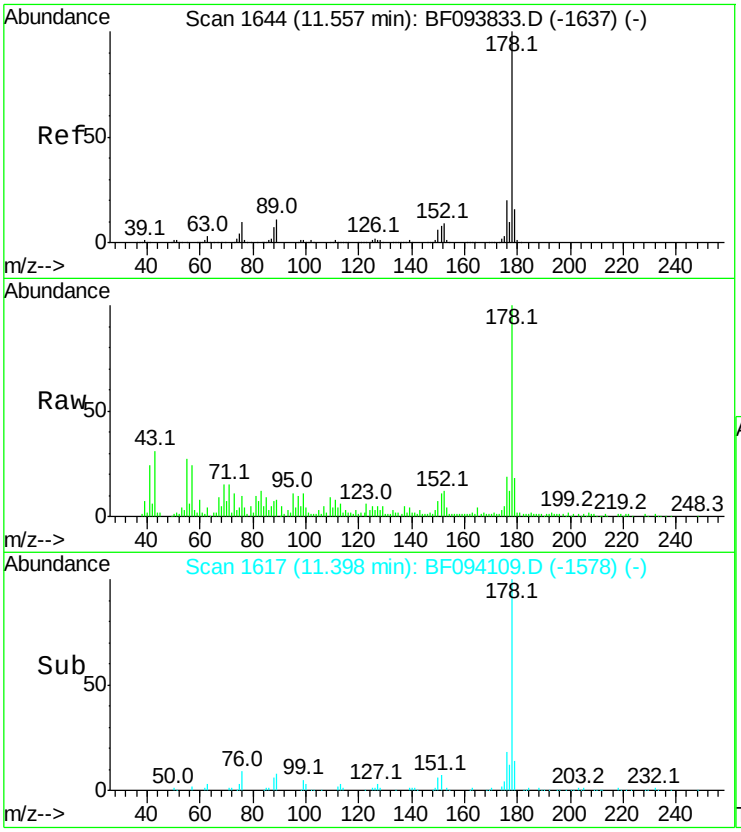


#70
Phenanthrene
Concen: 5.25 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:178 Resp: 101076

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	17.8	12.6	19.0



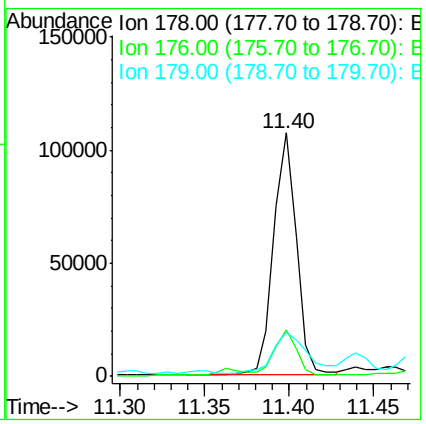


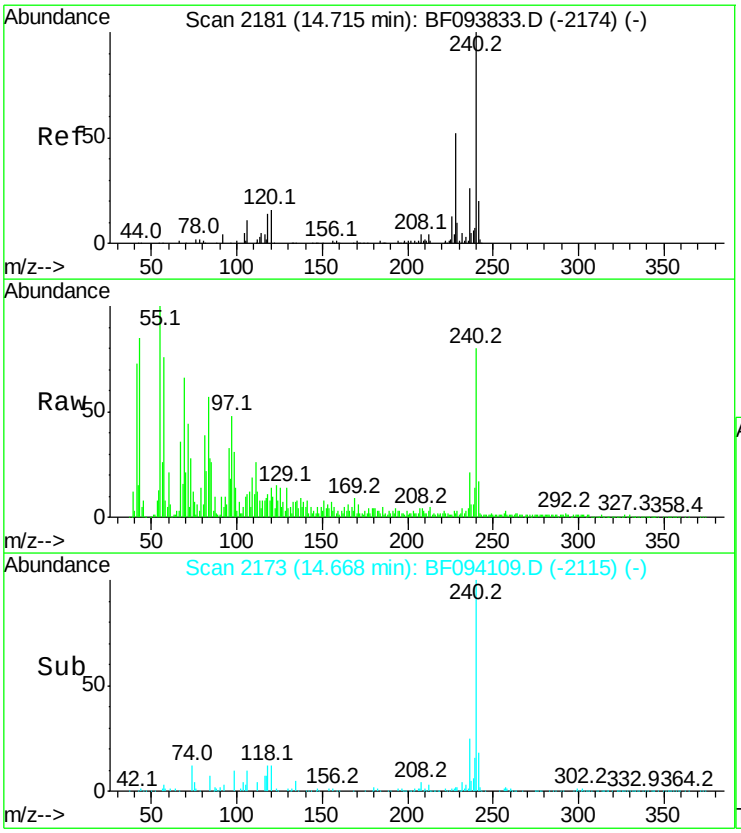
#71
Anthracene
Concen: 5.10 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.07 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 101076

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.8	12.7	19.1

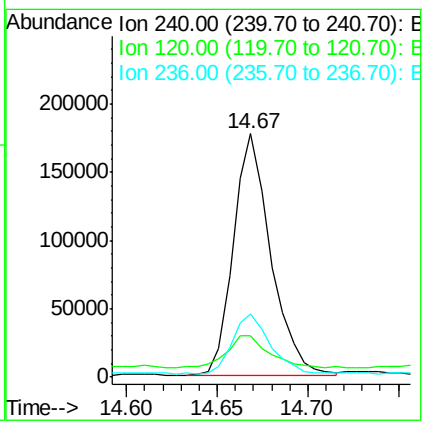


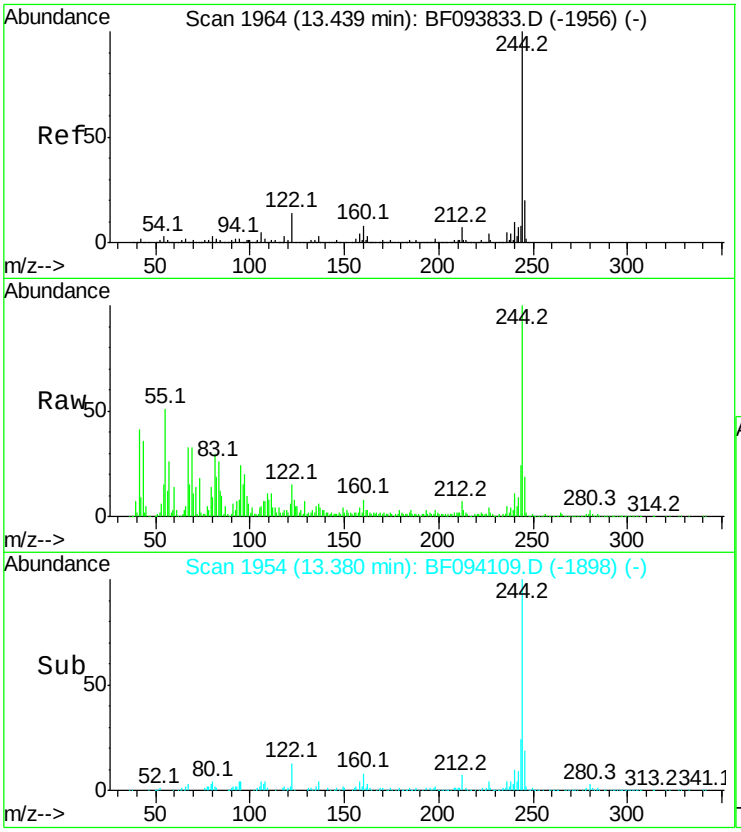


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.67 min Scan# 2173
Delta R.T. 0.04 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:240 Resp: 252122

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	25.9	20.5	30.7



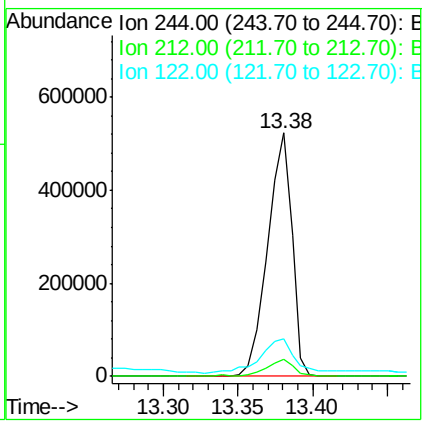


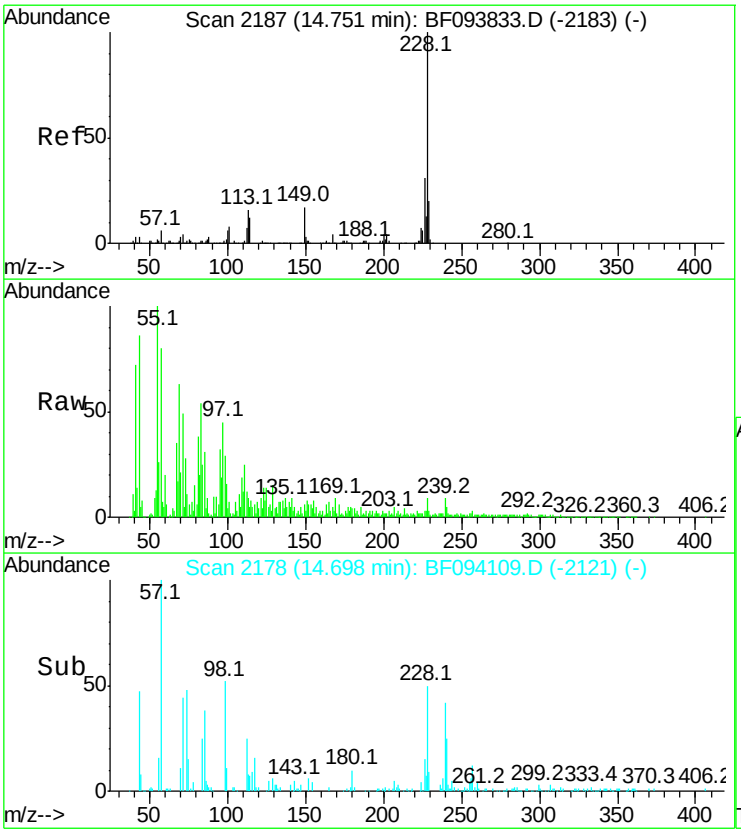
#78
Terphenyl-d14
Concen: 52.27 ng
RT: 13.38 min Scan# 1954
Delta R.T. 0.03 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 587931

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.4	10.3	15.5

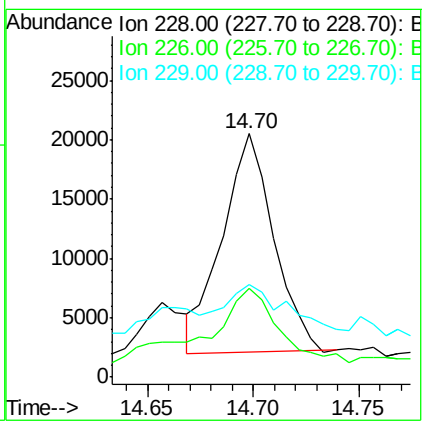


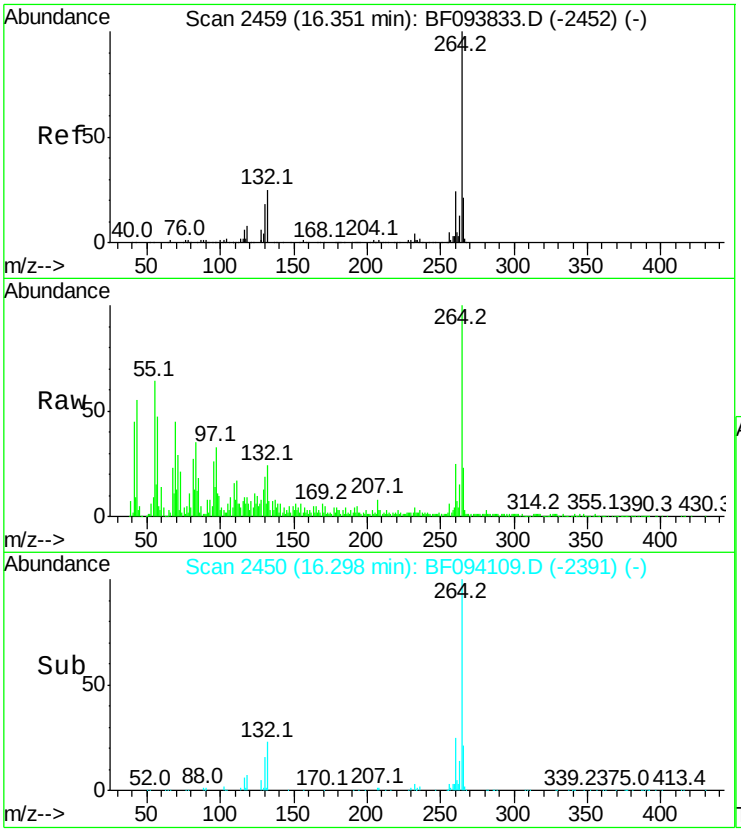


#82
Chrysene
Concen: 2.26 ng
RT: 14.70 min Scan# 2178
Delta R.T. 0.04 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Tgt Ion:228 Resp: 30891

Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.9	37.3
229	38.1	15.8	23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. 0.05 min
Lab File: BF094109.D
Acq: 31 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217463

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.0	17.2	25.8