Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081823.D
Acq On : 26 Sep 2015 12:53
Operator : UM/IZ
Sample : G3754-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

Quant Time: Sep 28 09:04:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	124247	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	313451	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	231464	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	434878	20.00	ng		0.00
75) Chrysene-d12	14.12	240	367033	20.00	ng		0.00
86) Perylene-d12	15.58	264	320893	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	257906	35.12	ng		-0.01
7) Phenol-d6	6.56	99	355788	38.30	ng		-0.01
23) Nitrobenzene-d5	7.51	82	729479	153.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	318560	158.52	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1137088	80.64	ng		-0.01
78) Terphenyl-d14	13.06	244	1317700	82.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.57	94	27793	2.58	ng		79
27) 2,4-Dimethylphenol	7.89	122	10898	2.28	ng	#	73
31) Naphthalene	8.30	128	10723225	741.56	ng	#	90
37) 2-Methylnaphthalene	8.95	142	1723305	167.23	ng	#	86
45) 1,1'-Biphenyl	9.41	154	899760	49.72	ng		94
48) Acenaphthylene	9.85	152	2433032	98.75	ng	#	91
51) Acenaphthene	10.01	154	452183	31.85	ng		88
54) Dibenzofuran	10.18	168	86056	4.13	ng	#	86
57) Fluorene	10.54	166	813350	50.89	ng		90
70) Phenanthrene	11.50	178	1536338m	61.79	ng		
71) Anthracene	11.54	178	288102	12.03	ng		98
72) Carbazole	11.70	167	50031	2.25	ng		94
74) Fluoranthene	12.69	202	217480	8.68	ng		86
77) Pyrene	12.91	202	265999	9.61	ng		98

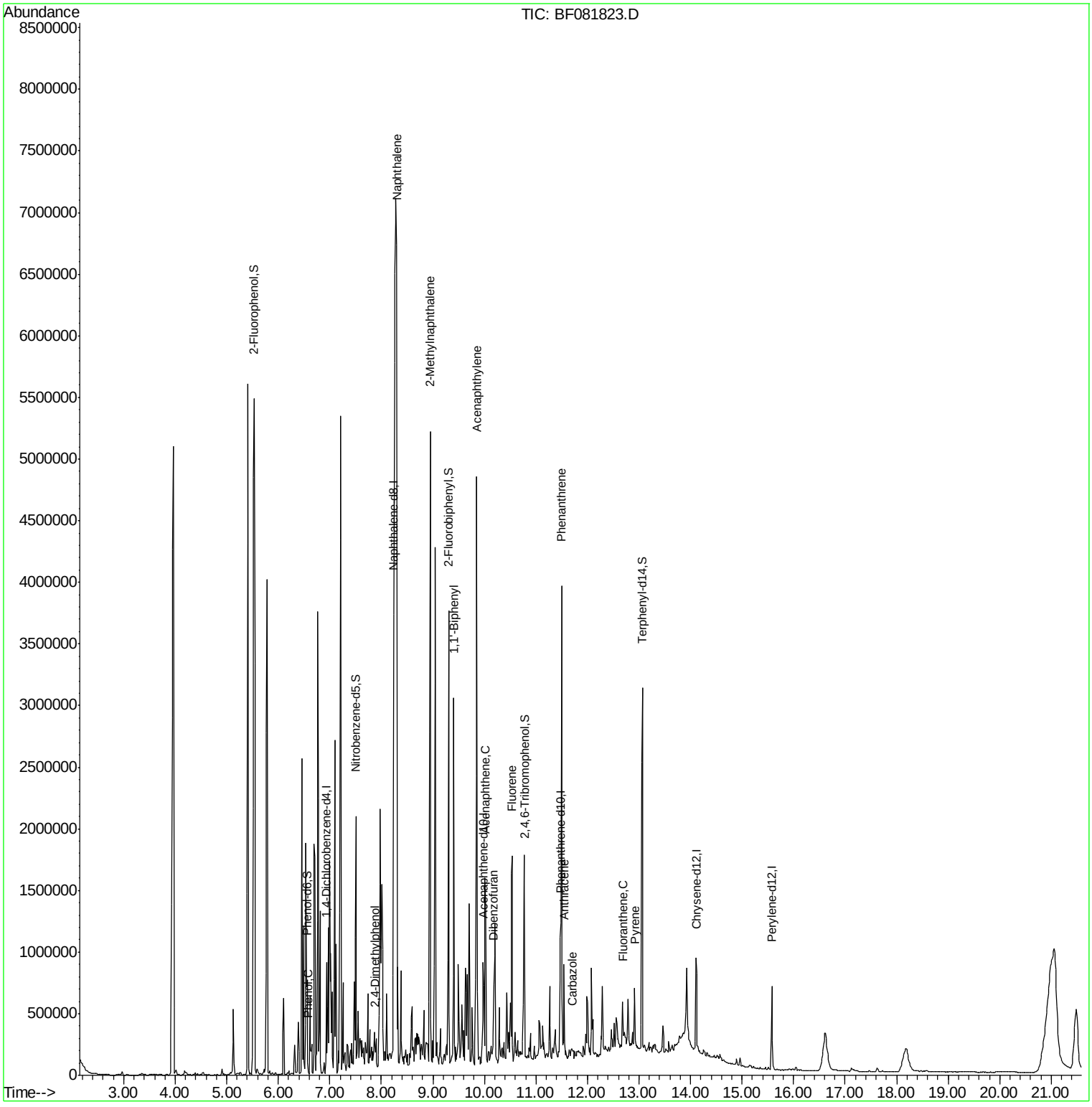
(#) = qualifier out of range (m) = manual integration (+) = signals summed

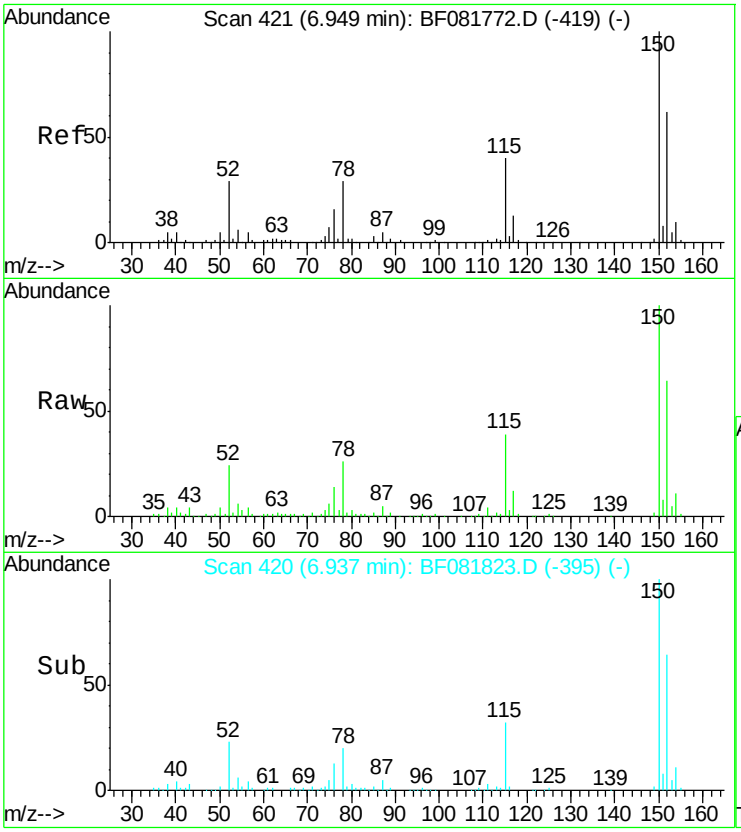
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081823.D
Acq On : 26 Sep 2015 12:53
Operator : UM/IZ
Sample : G3754-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B

Quant Time: Sep 28 09:04:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration



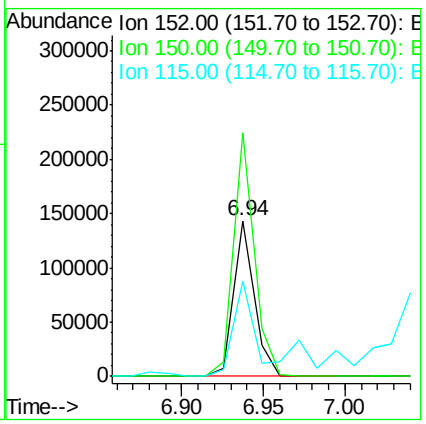


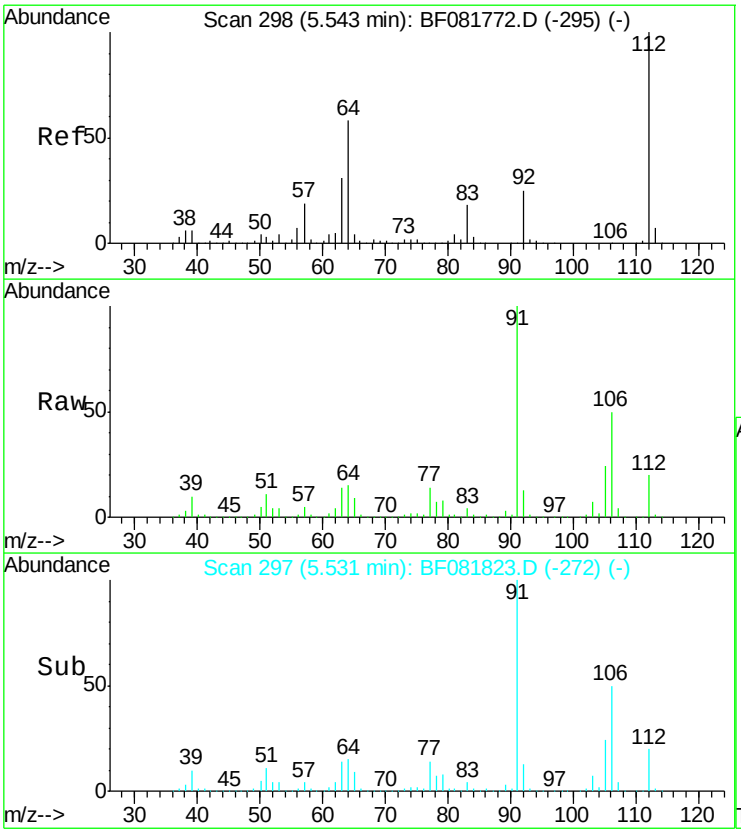
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:152 Resp: 124247

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	60.7	39.0	58.4#

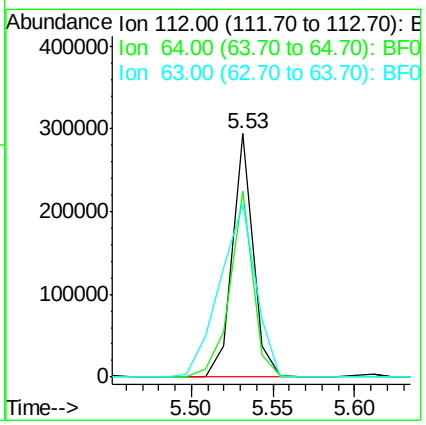


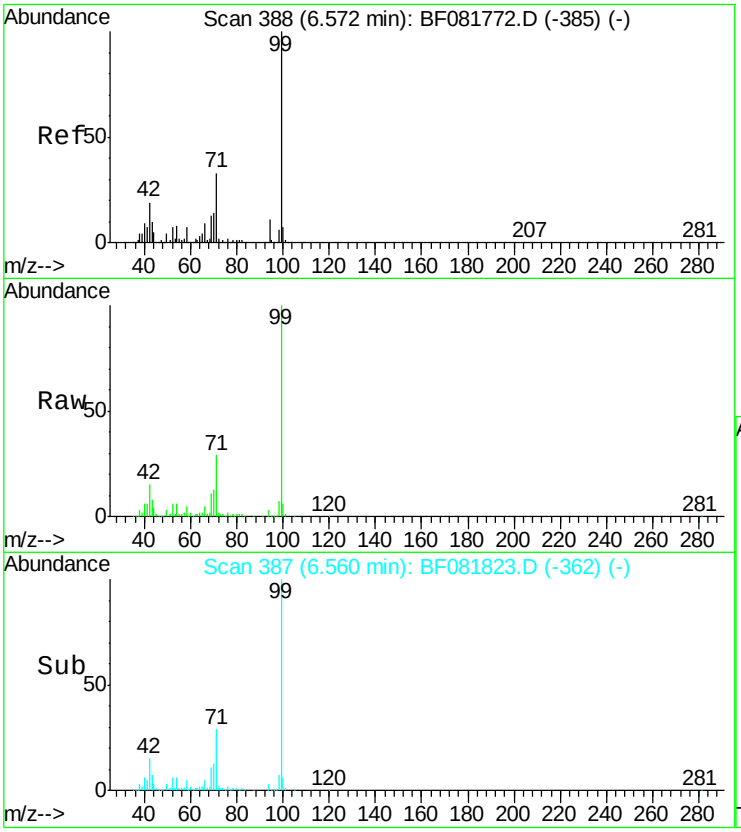


#5
2-Fluorophenol
Concen: 35.12 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:112 Resp: 257906

Ion	Ratio	Lower	Upper
112	100		
64	76.6	39.7	59.5#
63	71.3	17.4	26.0#



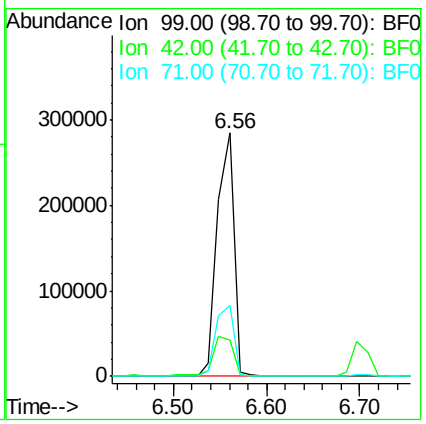


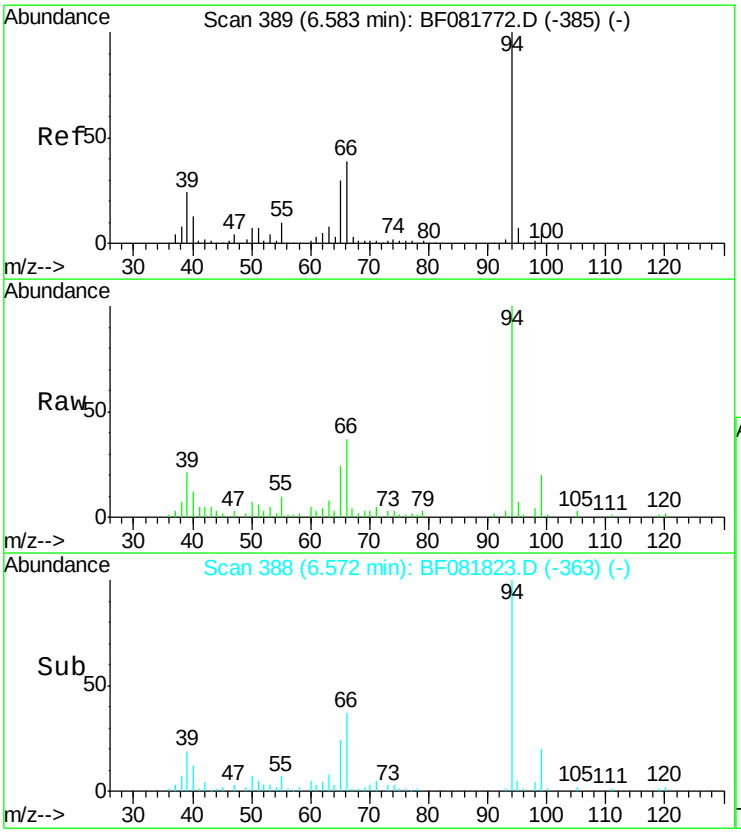
#7
Phenol-d6
Concen: 38.30 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion: 99 Resp: 355788

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.7	20.5
71	29.2	14.2	21.2#

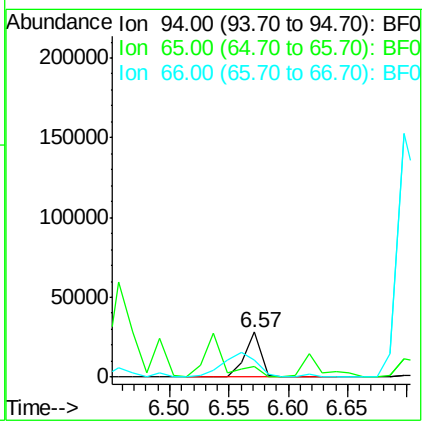


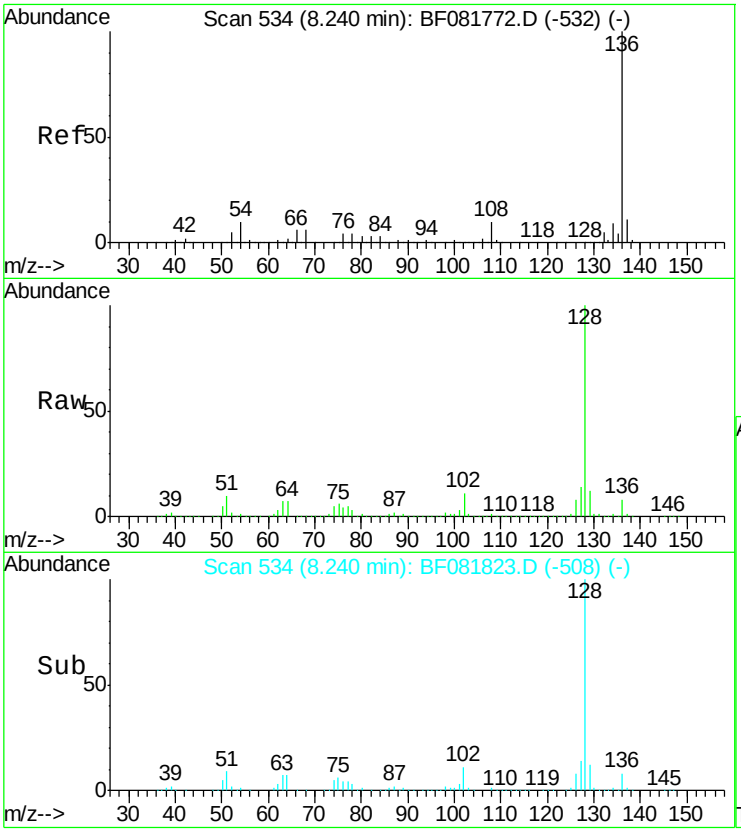


#10
Phenol
Concen: 2.58 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion: 94 Resp: 27793

Ion	Ratio	Lower	Upper
94	100		
65	24.3	0.7	40.7
66	36.8	0.8	40.8



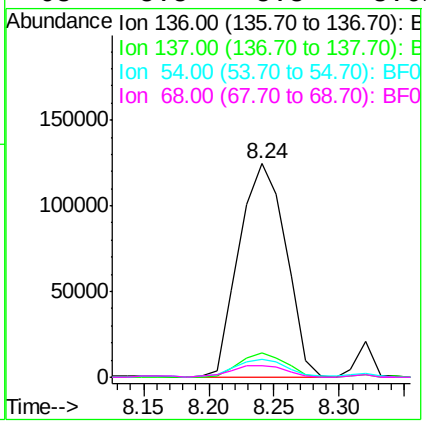


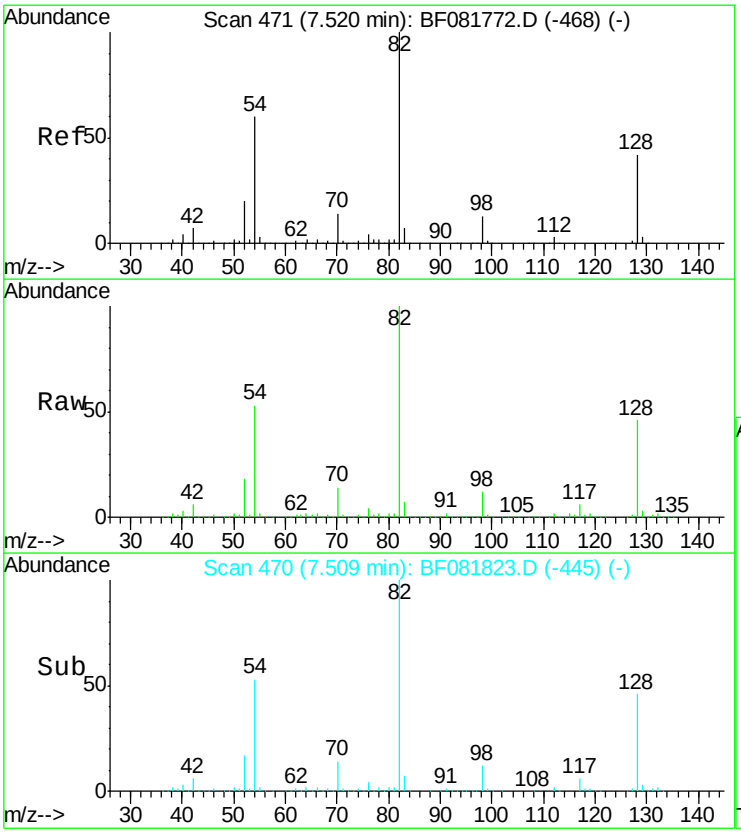
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:136 Resp: 313451

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.6	8.2	12.2
68	5.5	5.8	8.6#

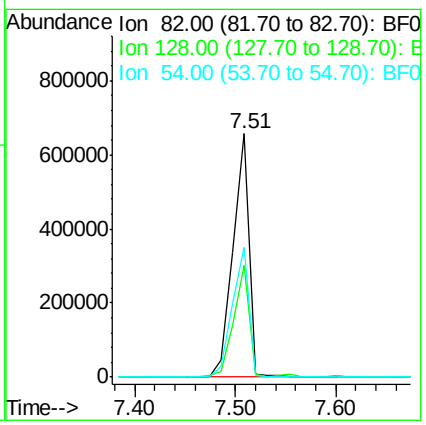


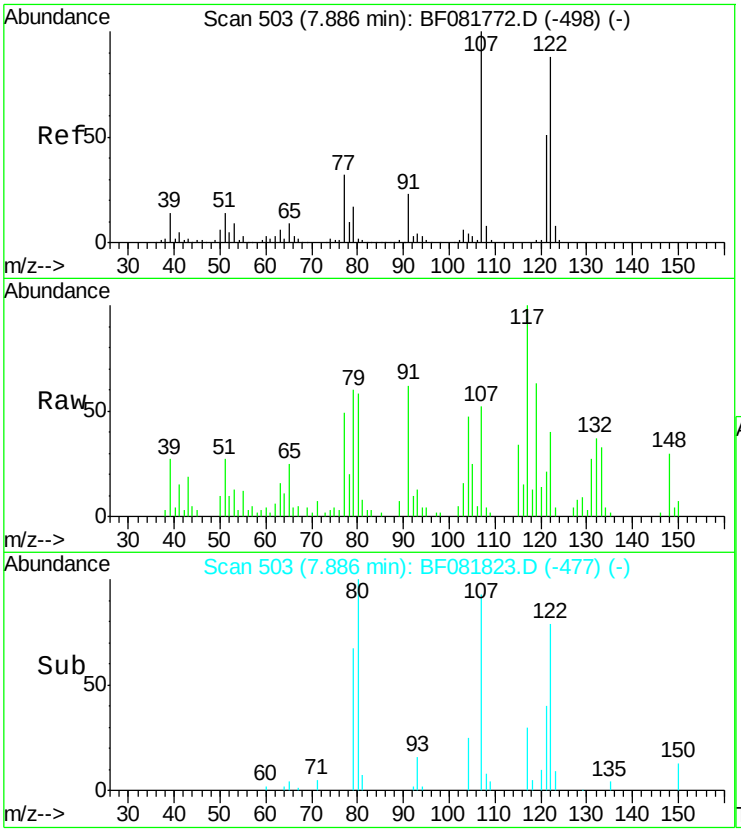


#23
Nitrobenzene-d5
Concen: 153.55 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion: 82 Resp: 729479

Ion	Ratio	Lower	Upper
82	100		
128	45.8	51.0	76.6#
54	53.4	47.5	71.3



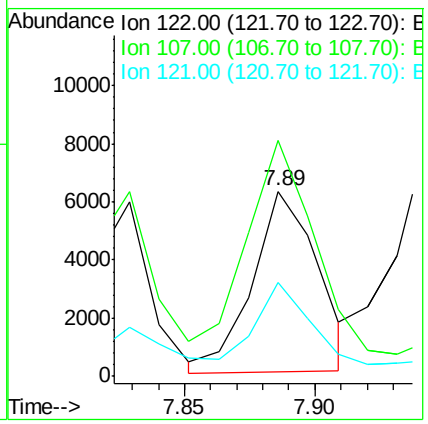


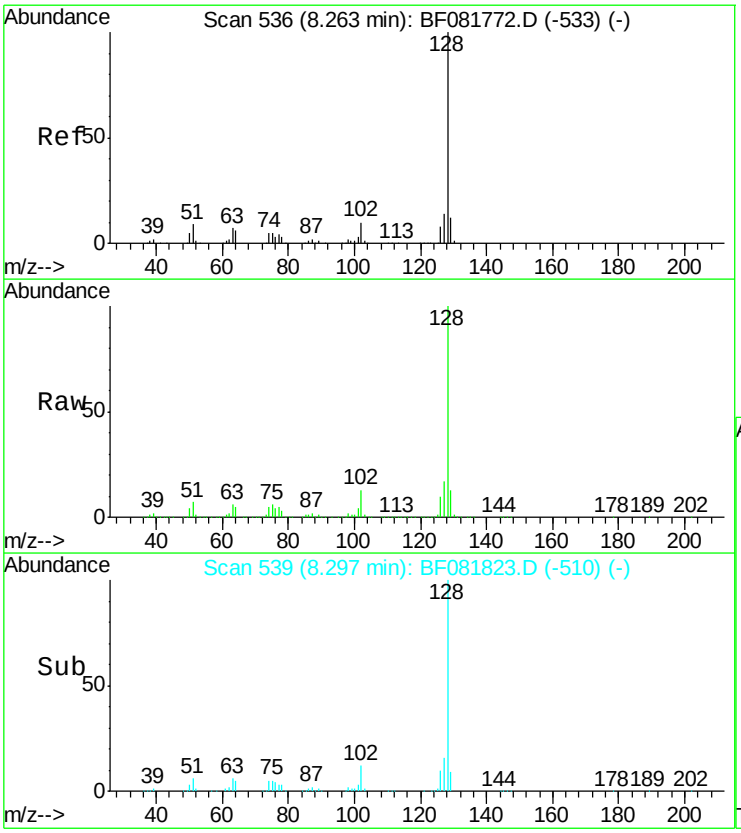
#27
2,4-Dimethylphenol
Concen: 2.28 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:122 Resp: 10898

Ion	Ratio	Lower	Upper
122	100		
107	128.0	71.8	107.6#
121	50.7	42.3	63.5

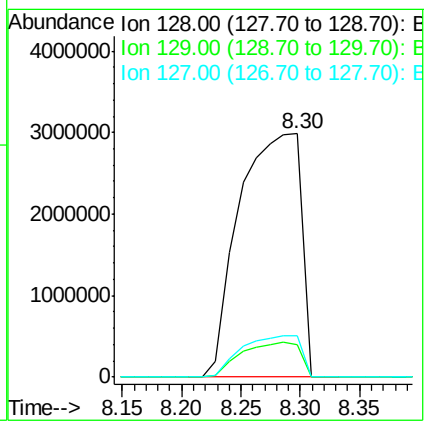


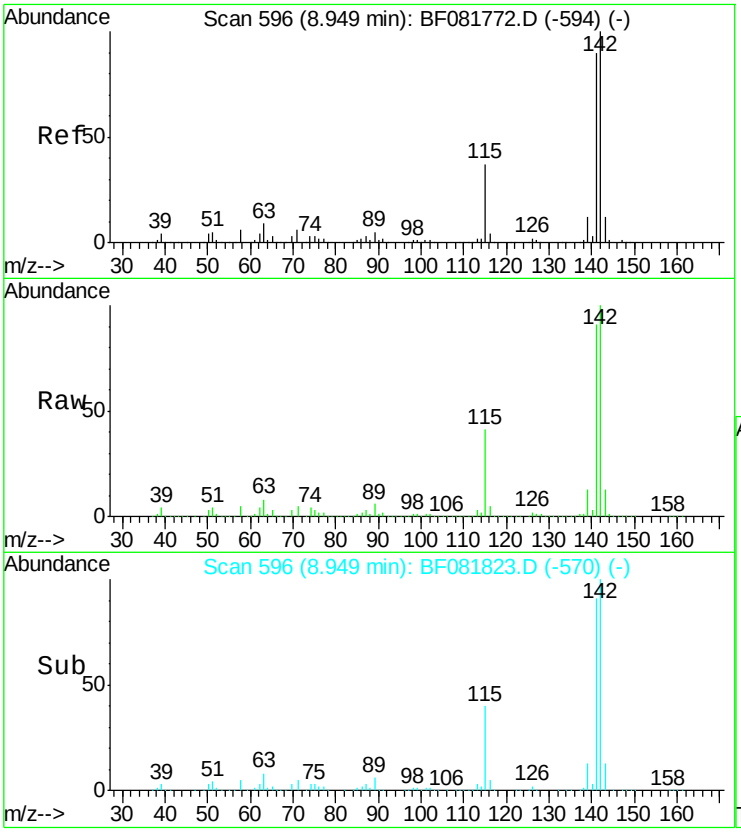


#31
Naphthalene
Concen: 741.56 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.03 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:128 Resp:10723225

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.4	12.6#
127	17.1	9.9	14.9#



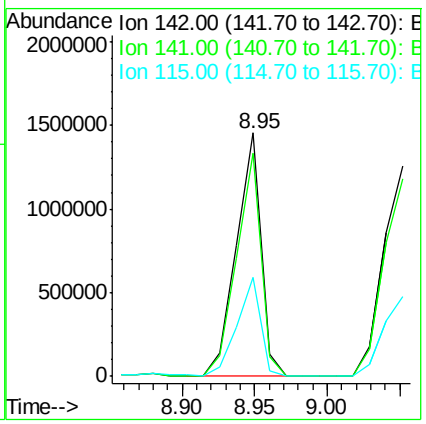


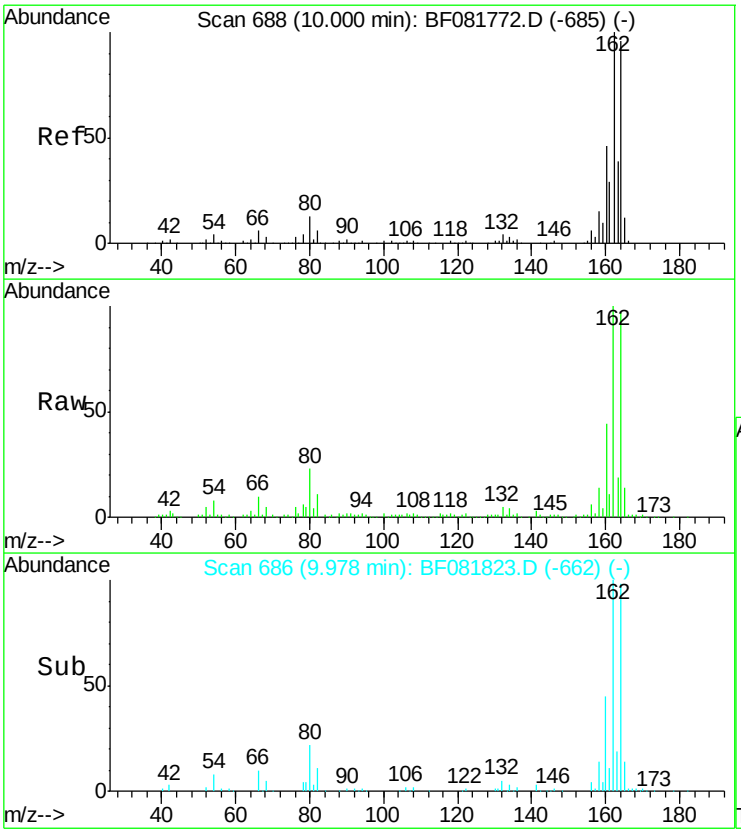
#37
2-Methylnaphthalene
Concen: 167.23 ng
RT: 8.95 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:142 Resp: 1723305

Ion	Ratio	Lower	Upper
142	100		
141	91.4	67.5	101.3
115	40.6	18.2	27.2#

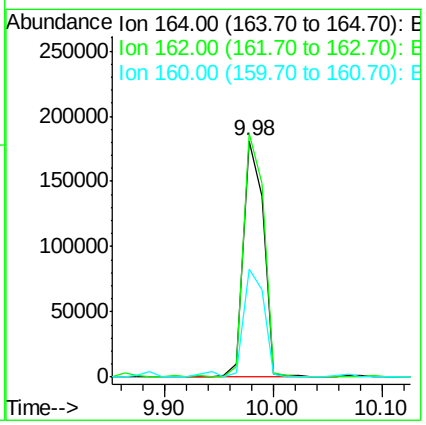


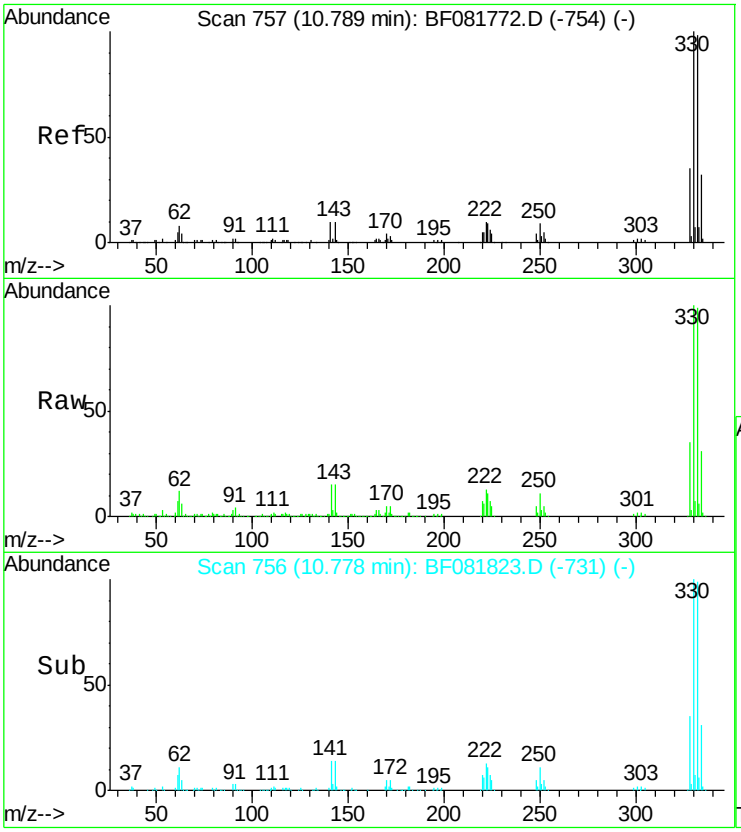


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:164 Resp: 231464

Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	45.8	31.5	47.3



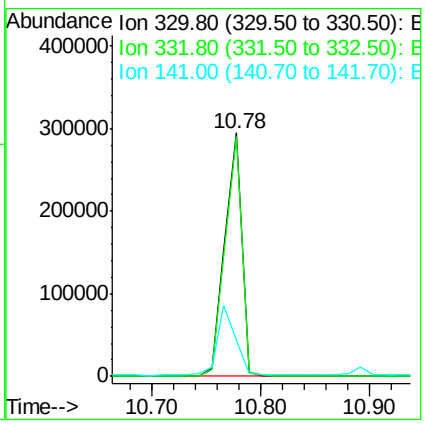


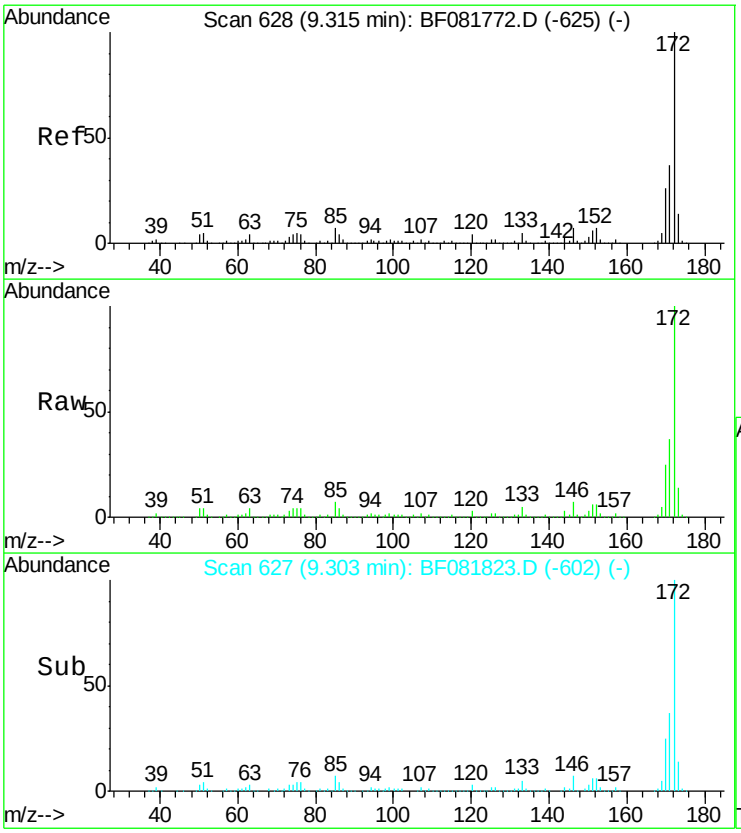
#41
2,4,6-Tribromophenol
Concen: 158.52 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:330 Resp: 318560

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	31.8	29.7	44.5

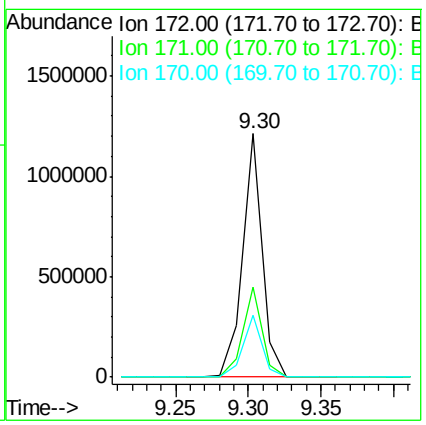


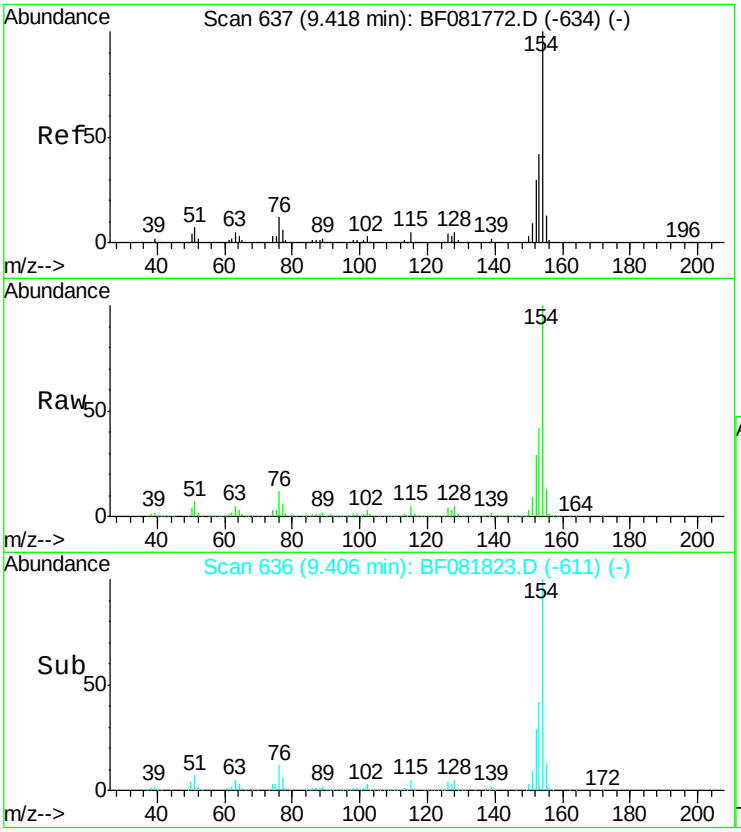


#44
2-Fluorobiphenyl
Concen: 80.64 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:172 Resp: 1137088

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	25.4	17.4	26.2



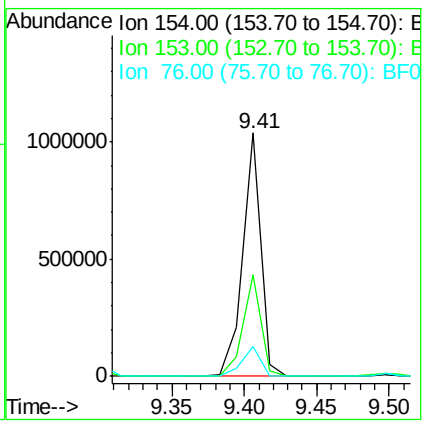


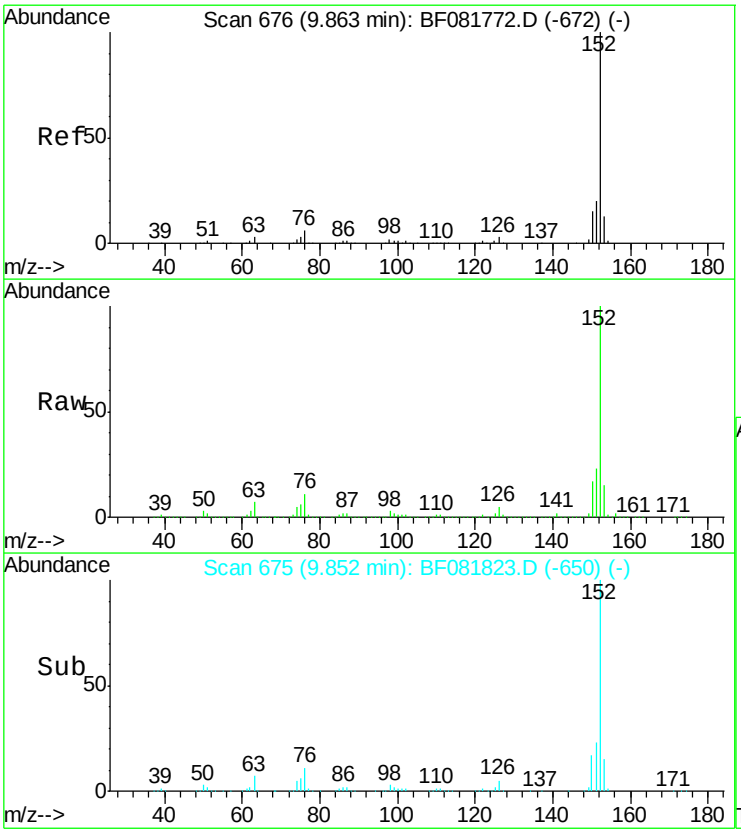
#45
1,1'-Biphenyl
Concen: 49.72 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:154 Resp: 899760

Ion	Ratio	Lower	Upper
154	100		
153	41.6	17.1	57.1
76	12.2	0.0	31.6

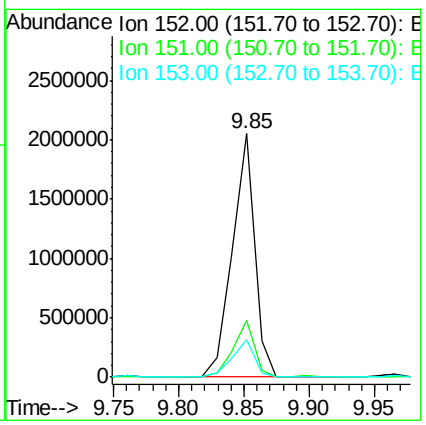


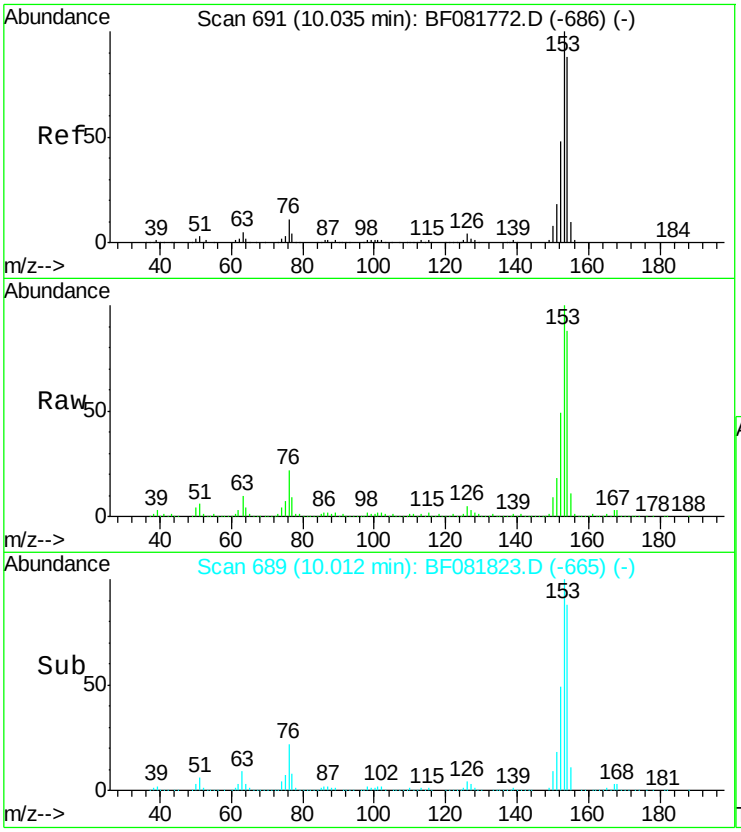


#48
Acenaphthylene
Concen: 98.75 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:152 Resp: 2433032

Ion	Ratio	Lower	Upper
152	100		
151	23.2	14.6	22.0#
153	15.3	10.3	15.5



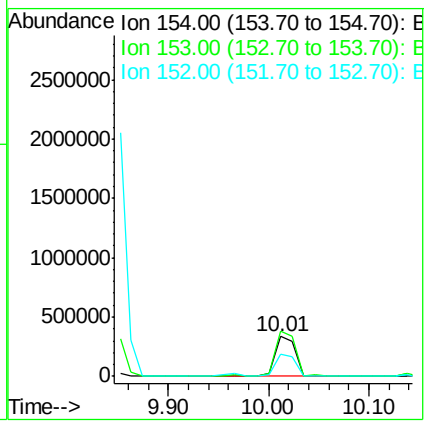


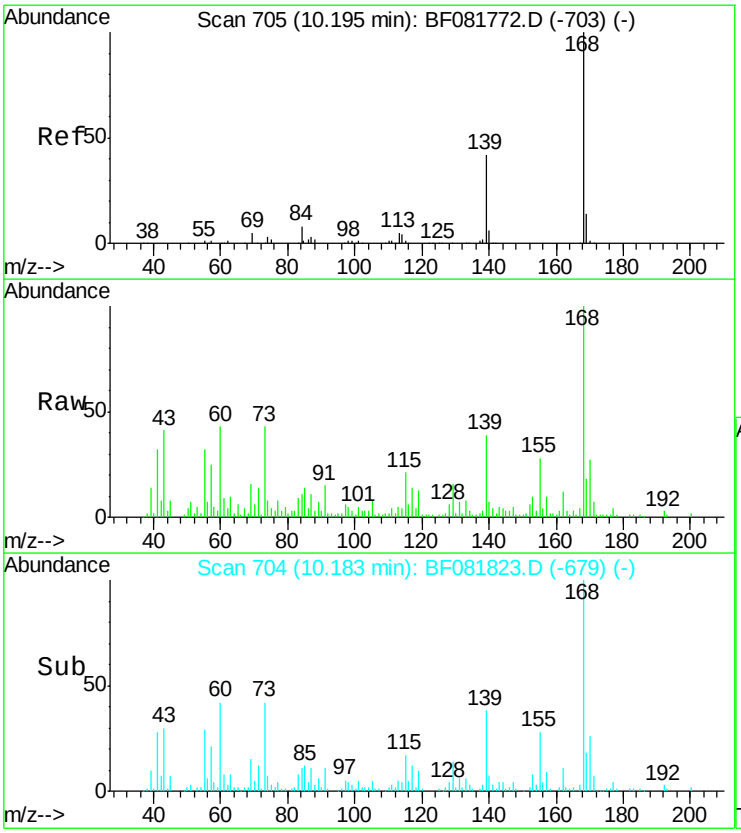
#51
Acenaphthene
Concen: 31.85 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:154 Resp: 452183

Ion	Ratio	Lower	Upper
154	100		
153	114.0	82.1	123.1
152	55.5	37.9	56.9

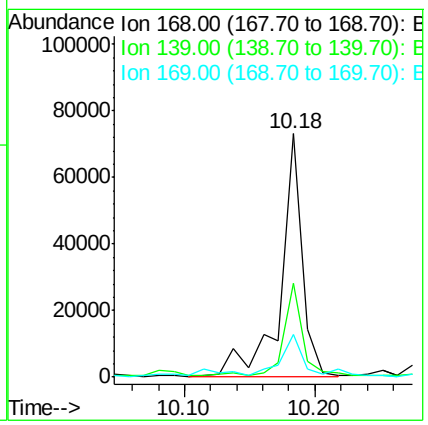


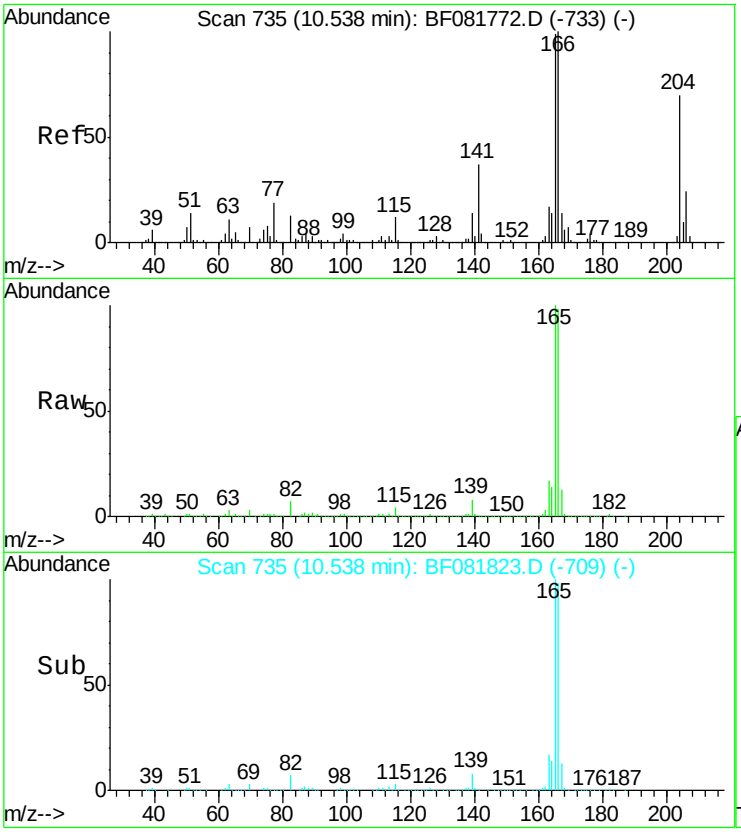


#54
Dibenzofuran
Concen: 4.13 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:168 Resp: 86056

Ion	Ratio	Lower	Upper
168	100		
139	38.7	24.2	36.2#
169	17.5	10.6	15.8#



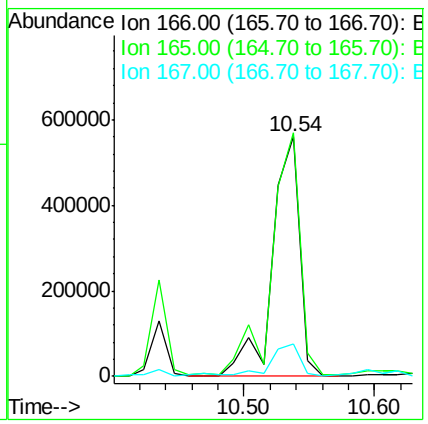


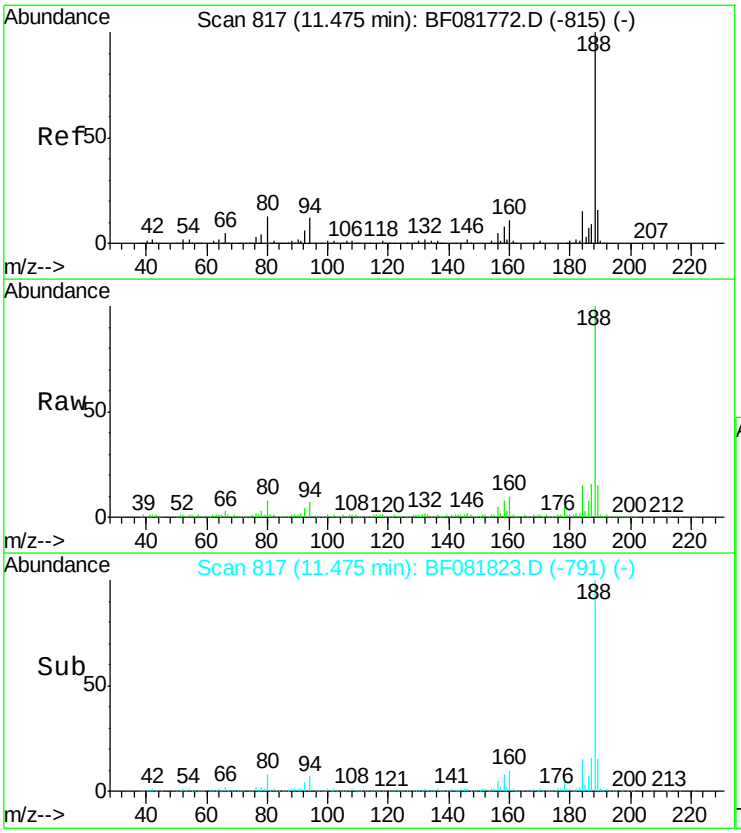
#57
Fluorene
Concen: 50.89 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:166 Resp: 813350

Ion	Ratio	Lower	Upper
166	100		
165	101.6	72.6	109.0
167	13.6	10.6	16.0

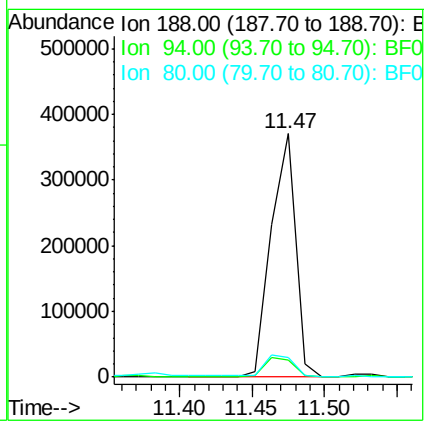


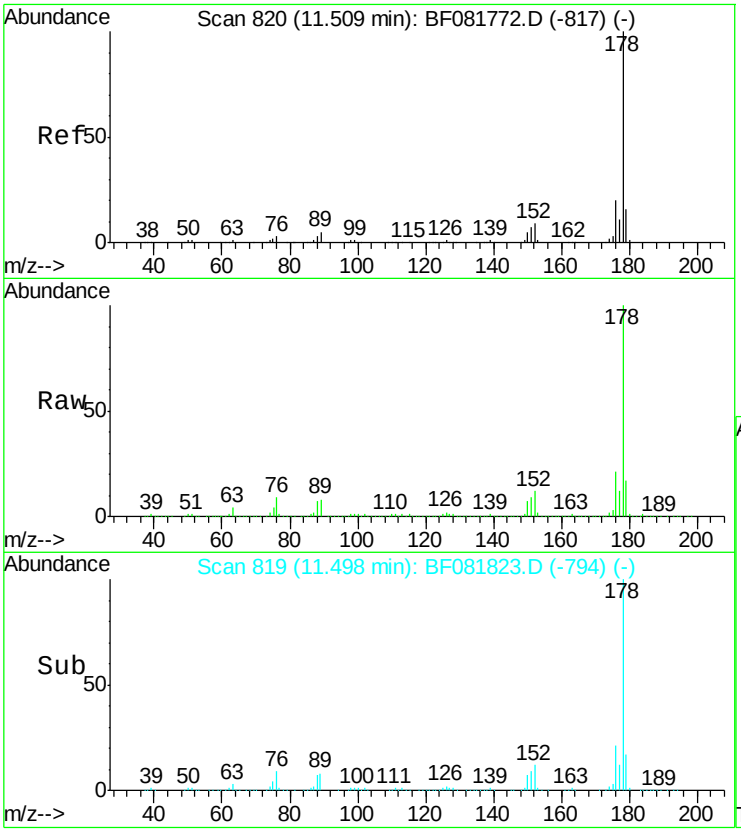


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:188 Resp: 434878

Ion	Ratio	Lower	Upper
188	100		
94	7.1	11.1	16.7#
80	8.2	11.0	16.4#



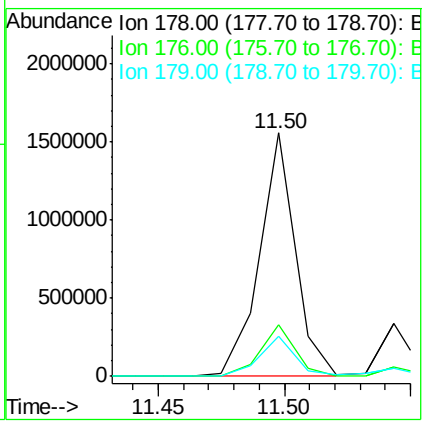


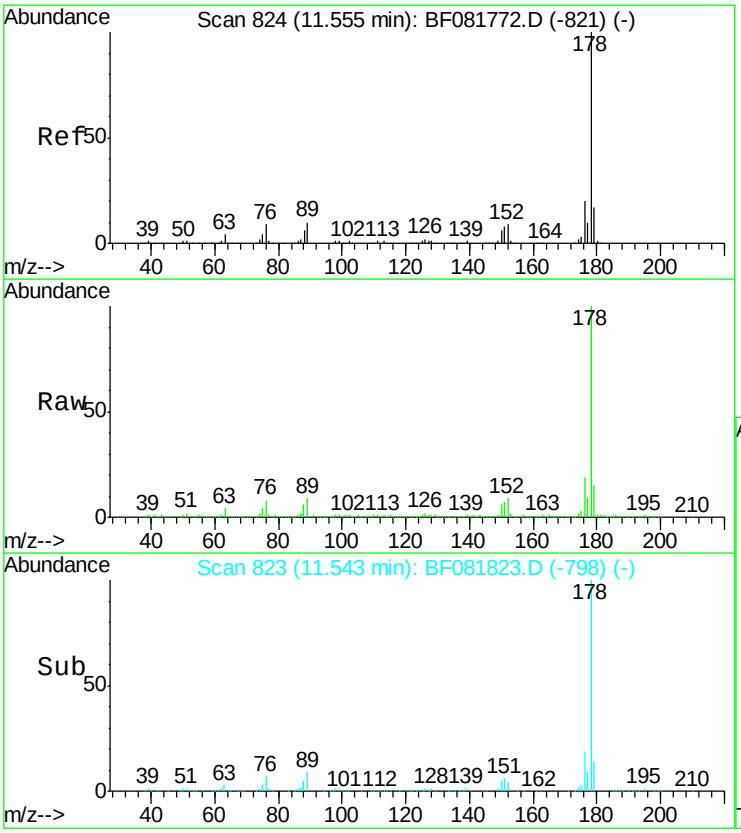
#70
Phenanthrene
Concen: 61.79 ng m
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:178 Resp: 1536338

Ion	Ratio	Lower	Upper
178	100		
176	21.2	13.8	20.8#
179	16.6	12.2	18.2

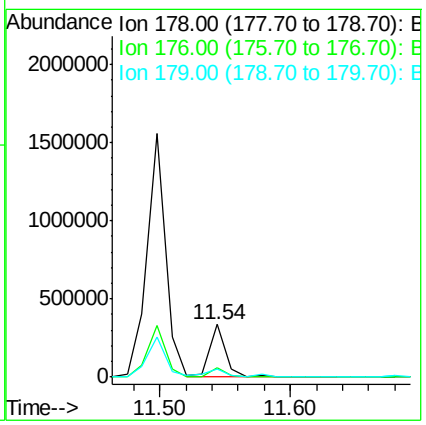


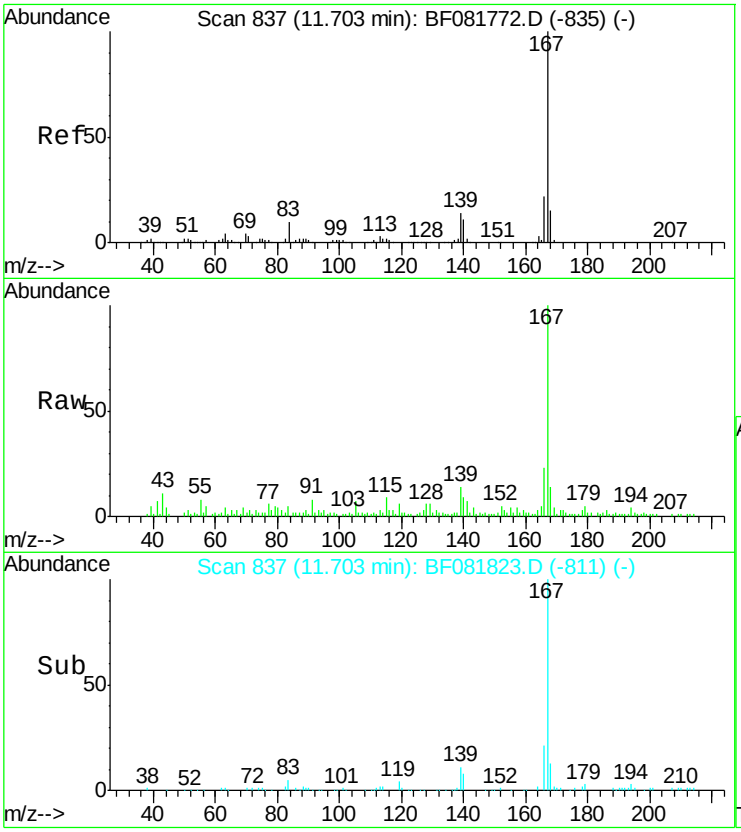


#71
Anthracene
Concen: 12.03 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:178 Resp: 288102

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.4	12.2	18.2



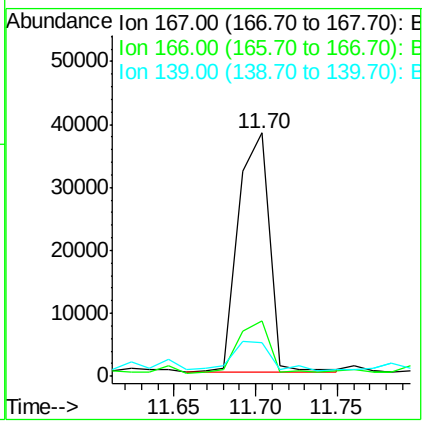


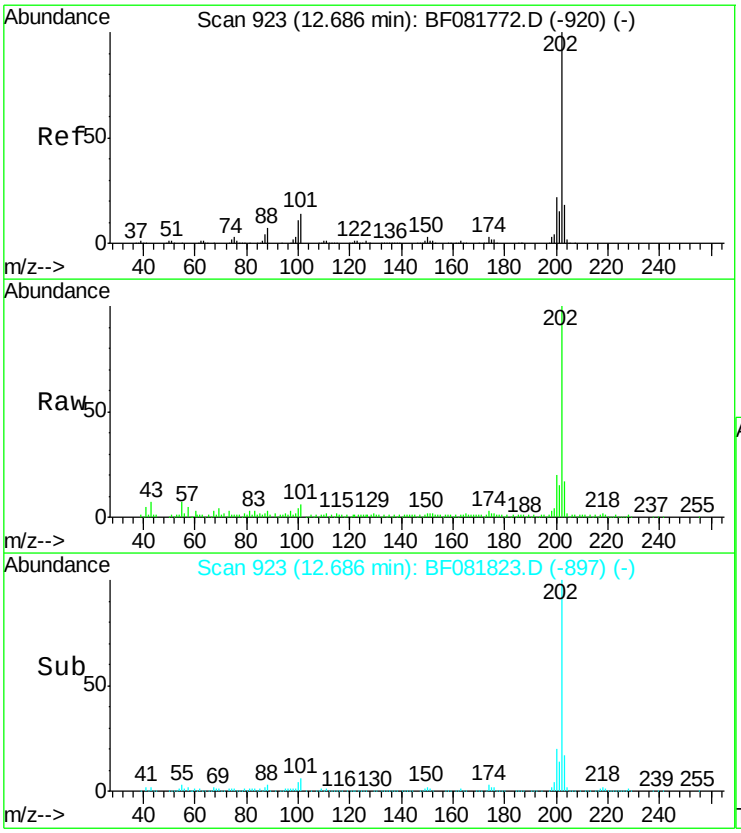
#72
Carbazole
Concen: 2.25 ng
RT: 11.70 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:167 Resp: 50031

Ion	Ratio	Lower	Upper
167	100		
166	22.6	15.7	23.5
139	13.7	9.5	14.3

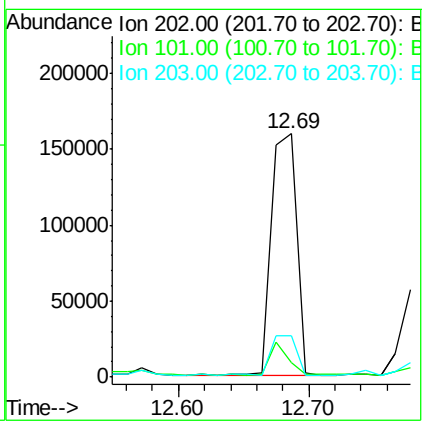


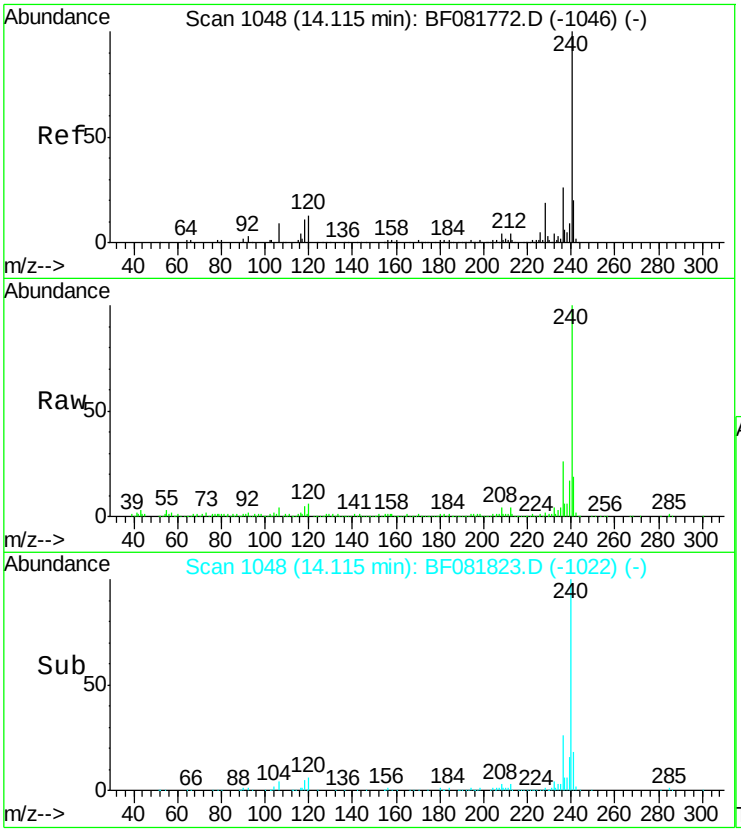


#74
Fluoranthene
Concen: 8.68 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:202 Resp: 217480

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	38.3
203	16.9	0.0	37.3



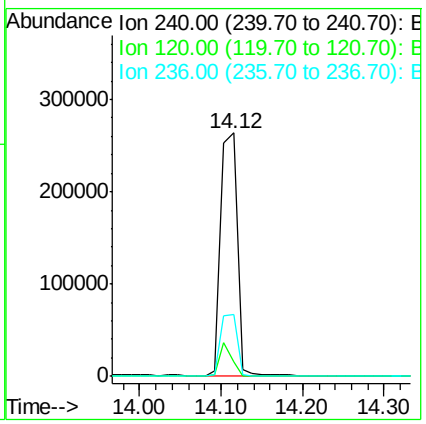


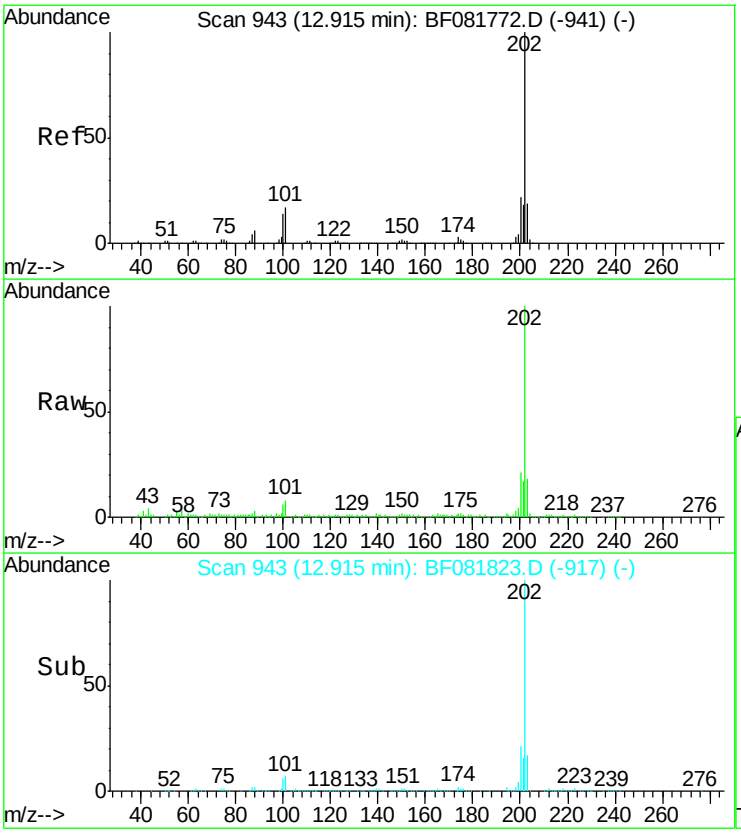
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:240 Resp: 367033

Ion	Ratio	Lower	Upper
240	100		
120	5.9	16.2	24.2#
236	25.6	18.4	27.6

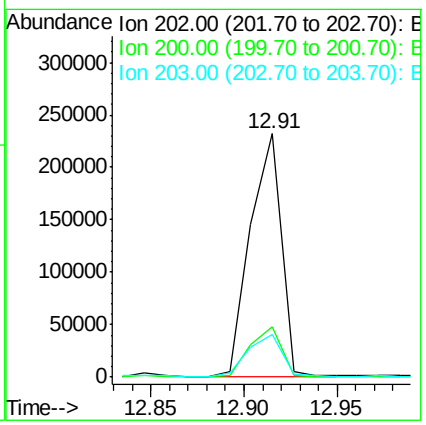


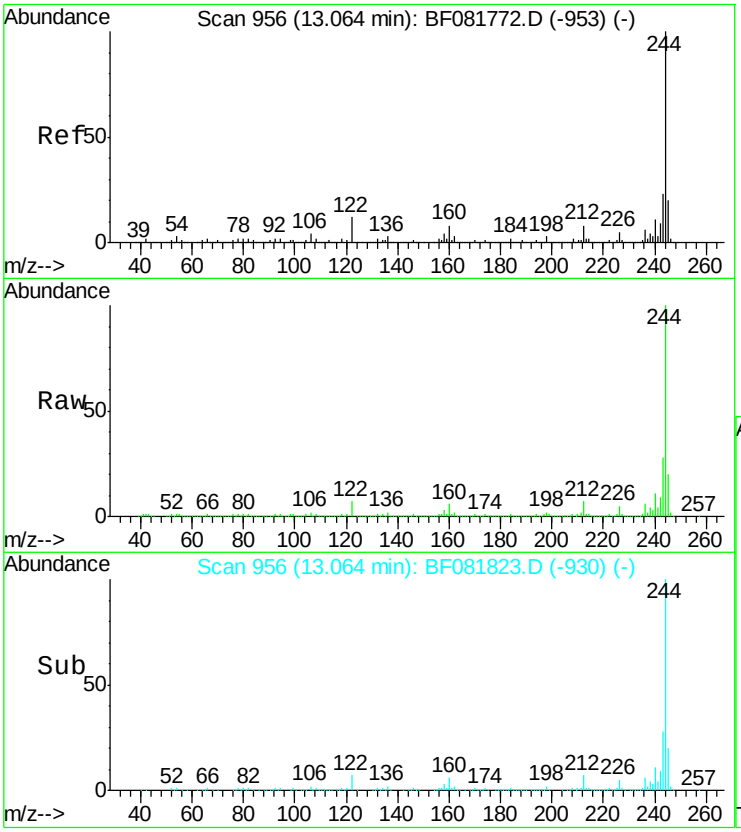


#77
Pyrene
Concen: 9.61 ng
RT: 12.91 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:202 Resp: 265999

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.0	22.4
203	17.6	14.1	21.1



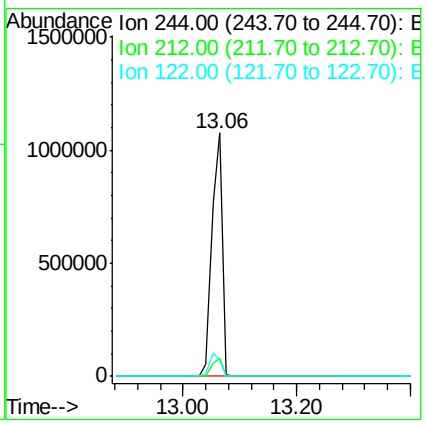


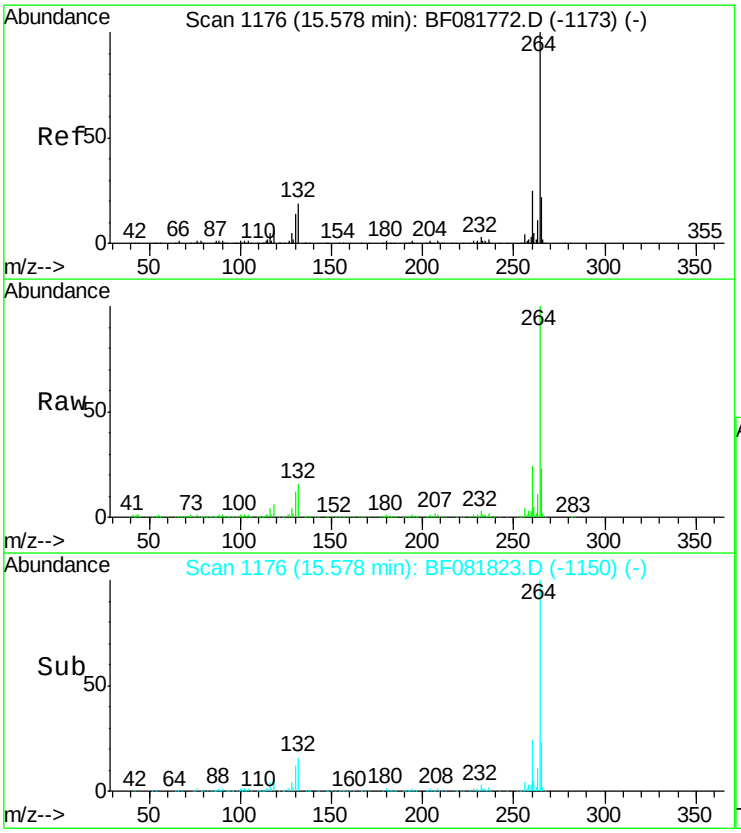
#78
Terphenyl-d14
Concen: 82.01 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:244 Resp: 1317700

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	6.7	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:264 Resp: 320893

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.6	17.2	25.8