Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081133.D
Acq On : 20 Aug 2015 19:39
Operator : UM/IZ
Sample : G3238-01DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)DL

Quant Time: Aug 21 02:37:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	64105	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	259371	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	117890	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	227195	20.00	ng		-0.01
75) Chrysene-d12	13.69	240	201932	20.00	ng		-0.01
86) Perylene-d12	15.03	264	125746	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	125618	29.47	ng		-0.01
7) Phenol-d6	6.22	99	109135	19.63	ng		-0.01
23) Nitrobenzene-d5	7.14	82	273010	48.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.39	330	62949	61.60	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	375155	41.70	ng		-0.02
78) Terphenyl-d14	12.66	244	417296	44.30	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	7.89	128	593481	41.05	ng		98
37) 2-Methylnaphthalene	8.57	142	420629	46.06	ng		100
45) 1,1'-Biphenyl	9.04	154	45030	4.34	ng		97
49) Dimethylphthalate	9.34	163	26234	2.70	ng	#	94
51) Acenaphthene	9.64	154	20955	2.35	ng		97
57) Fluorene	10.15	166	33499	3.64	ng	#	96
70) Phenanthrene	11.10	178	58645	4.36	ng		98
72) Carbazole	11.32	167	215812	17.11	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
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Acq On : 20 Aug 2015 19:39
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S-A(2)DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
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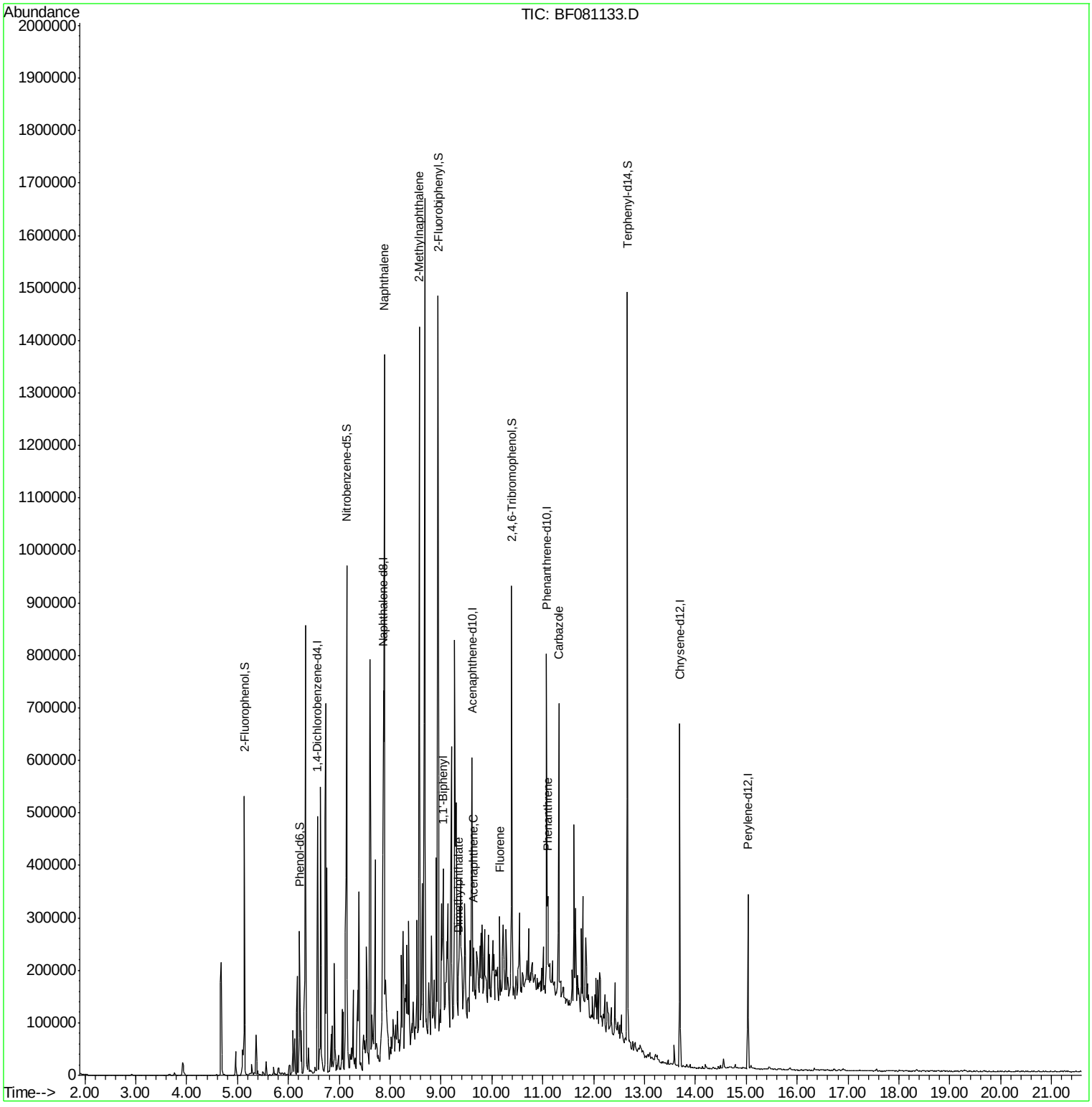
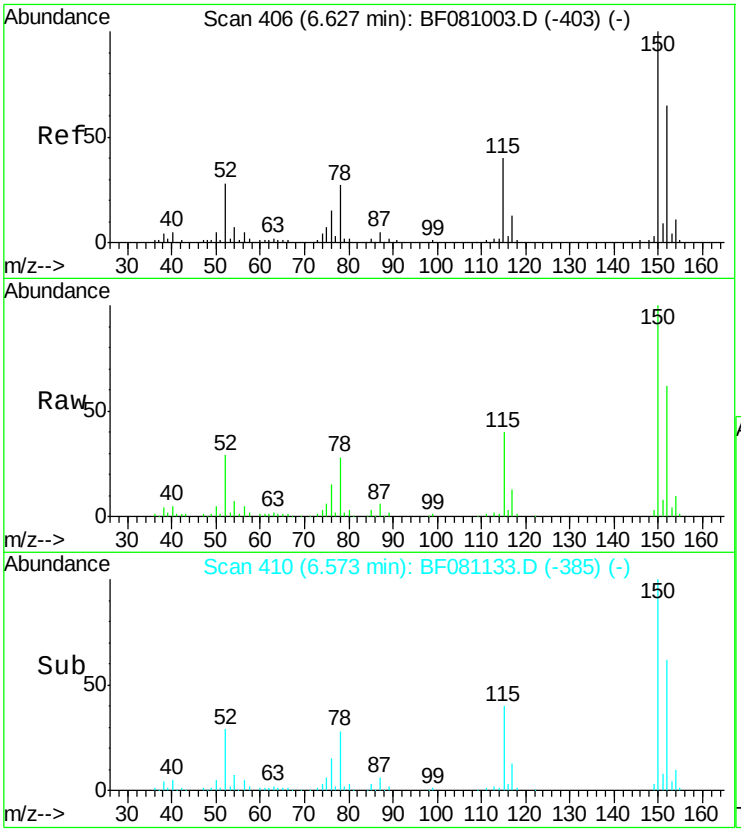


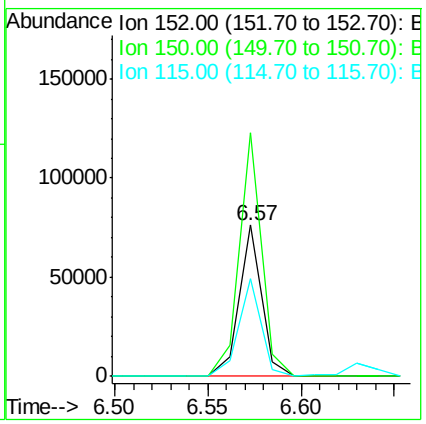


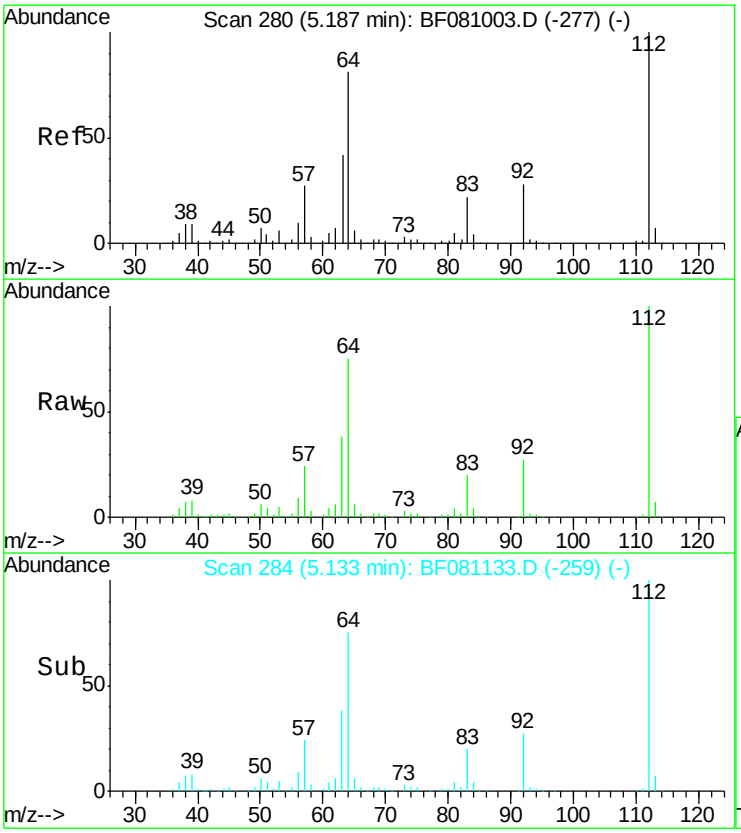
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:152 Resp: 64105

Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	64.8	52.1	78.1

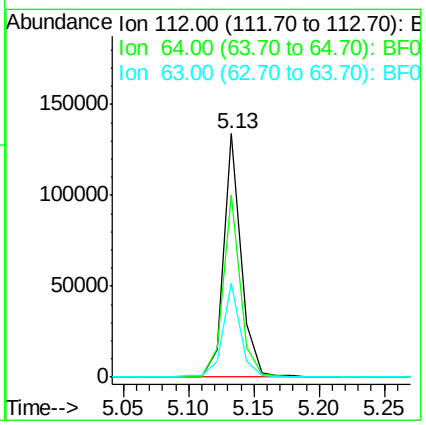


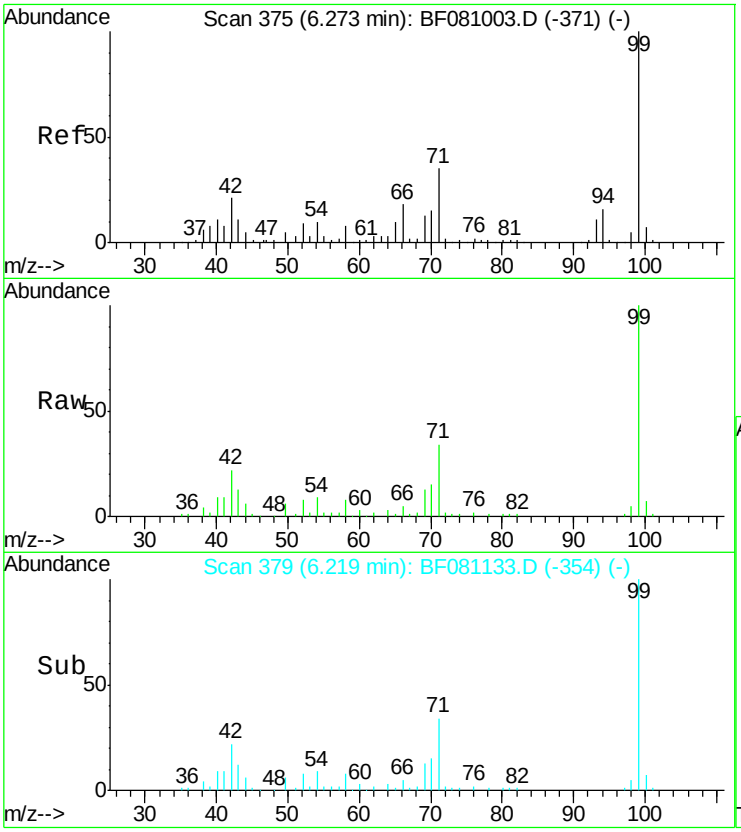


#5
2-Fluorophenol
Concen: 29.47 ng
RT: 5.13 min Scan# 284
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:112 Resp: 125618

Ion	Ratio	Lower	Upper
112	100		
64	74.6	66.9	100.3
63	38.4	38.1	57.1



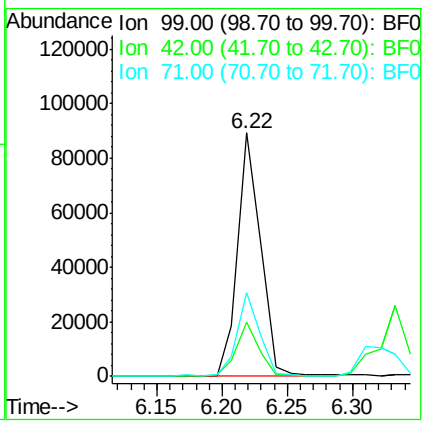


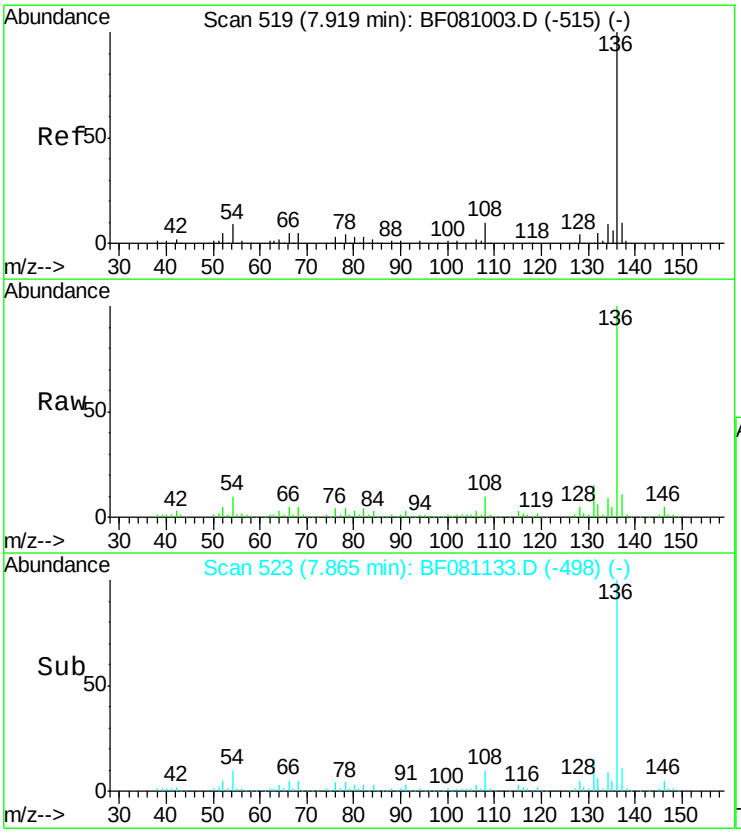
#7
Phenol-d6
Concen: 19.63 ng
RT: 6.22 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion: 99 Resp: 109135

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.6	29.4
71	34.5	31.2	46.8

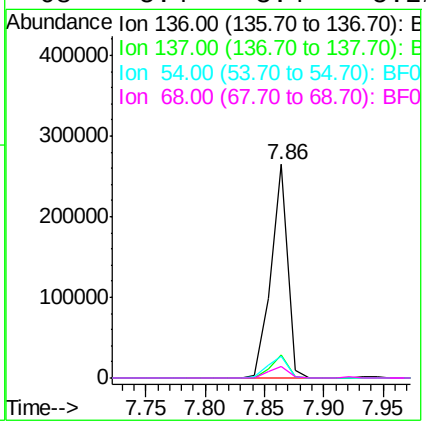


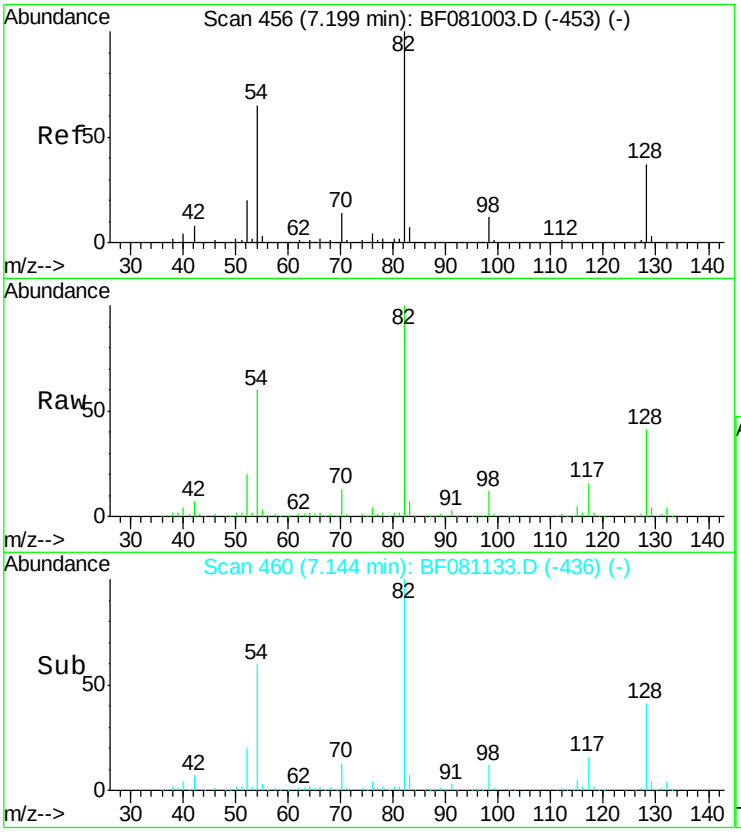


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:136 Resp: 259371

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	10.3	7.7	11.5
68	5.4	3.4	5.2#



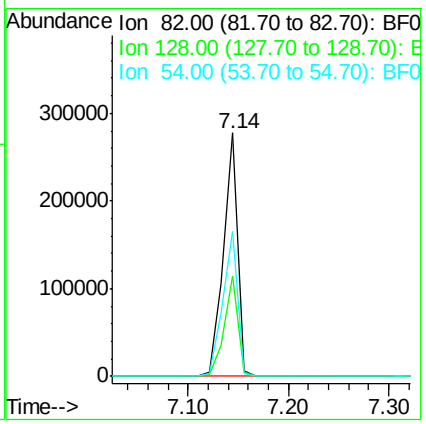


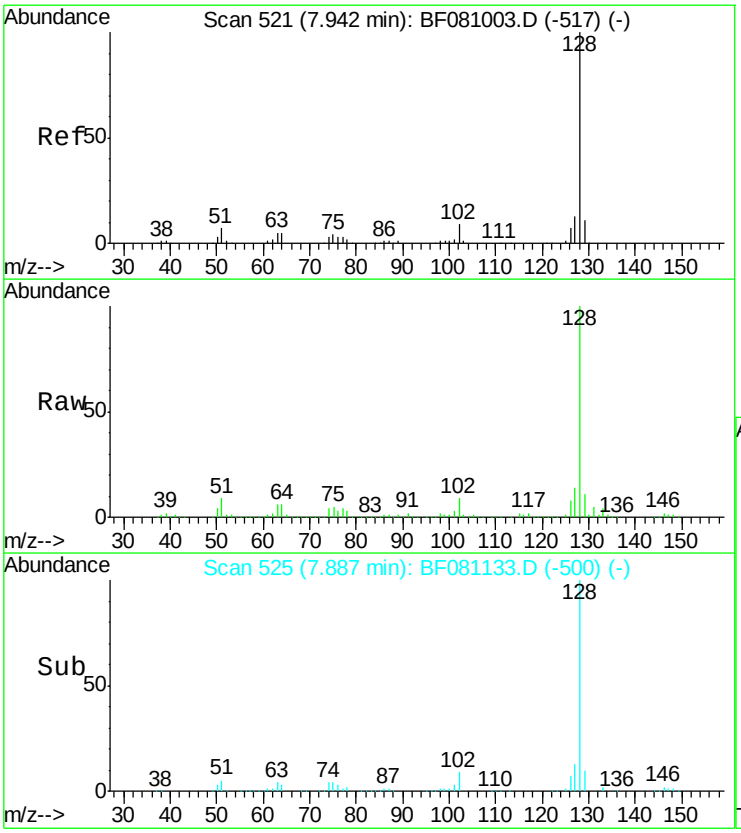
#23
Nitrobenzene-d5
Concen: 48.08 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion: 82 Resp: 273010

Ion	Ratio	Lower	Upper
82	100		
128	41.0	28.6	42.8
54	59.6	55.1	82.7

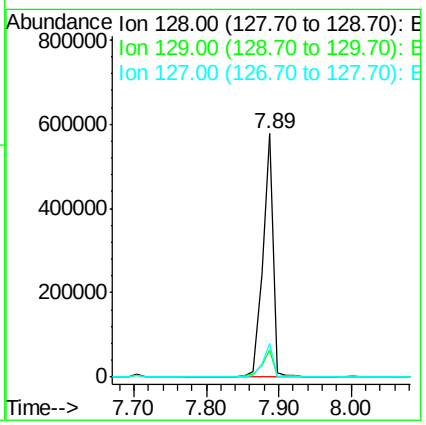


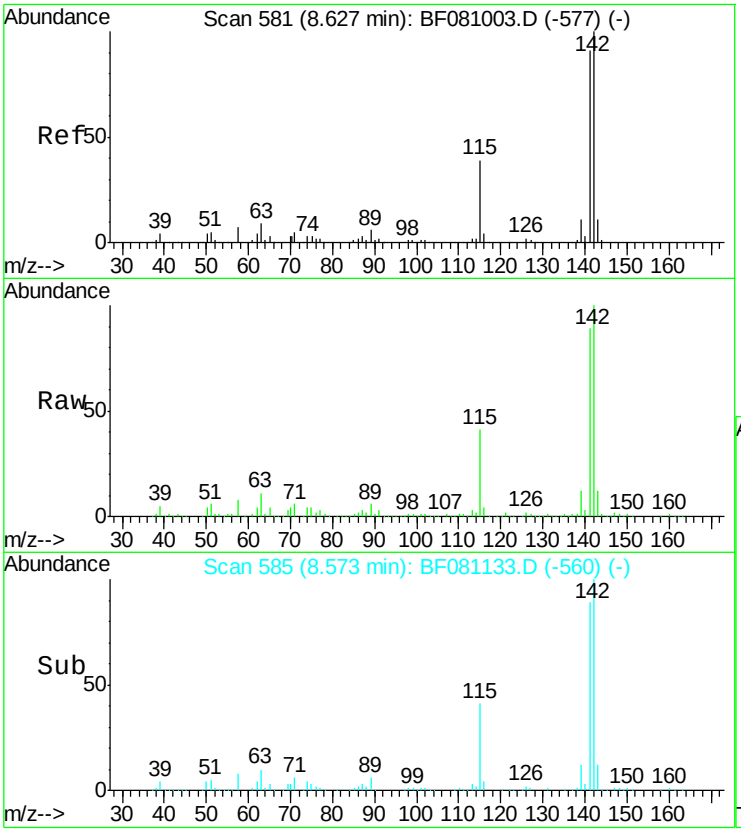


#31
Naphthalene
Concen: 41.05 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:128 Resp: 593481

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.6	10.6	16.0



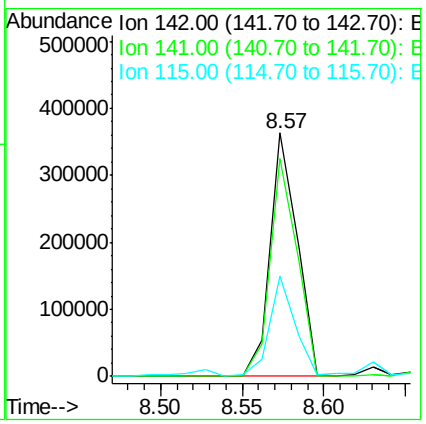


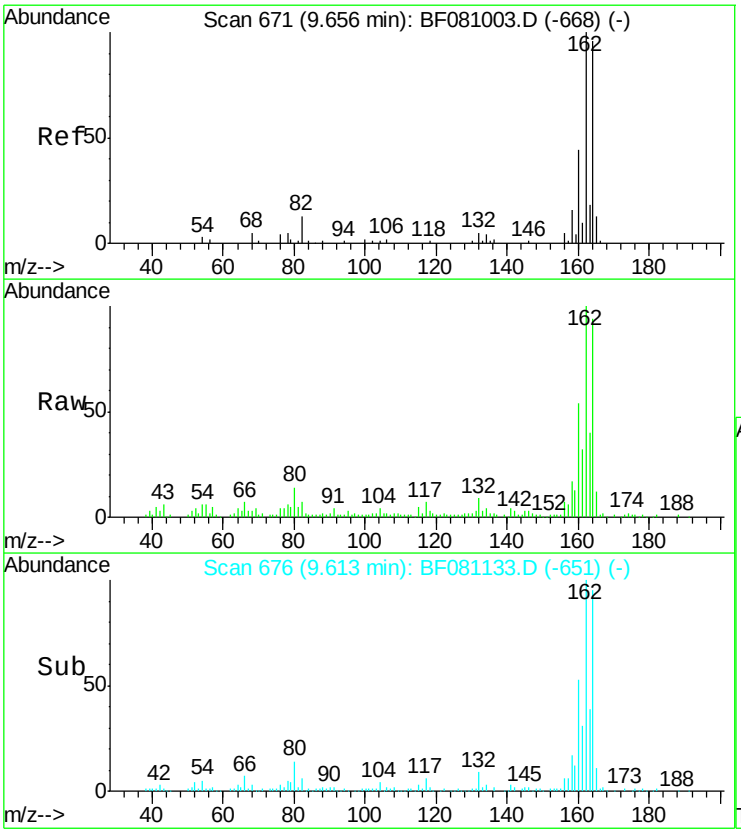
#37
2-Methylnaphthalene
Concen: 46.06 ng
RT: 8.57 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:142 Resp: 420629

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	41.1	33.4	50.0

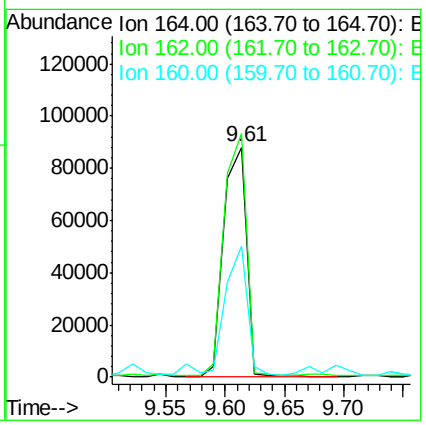


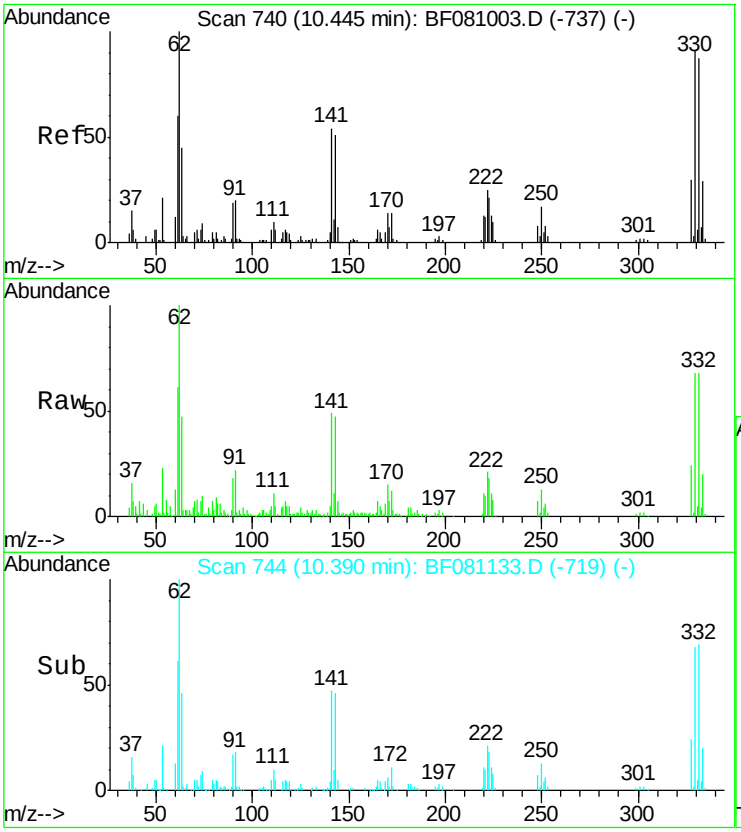


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:164 Resp: 117890

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.8	125.8
160	56.9	39.8	59.8



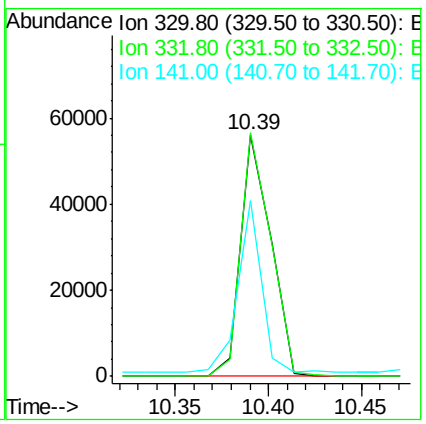


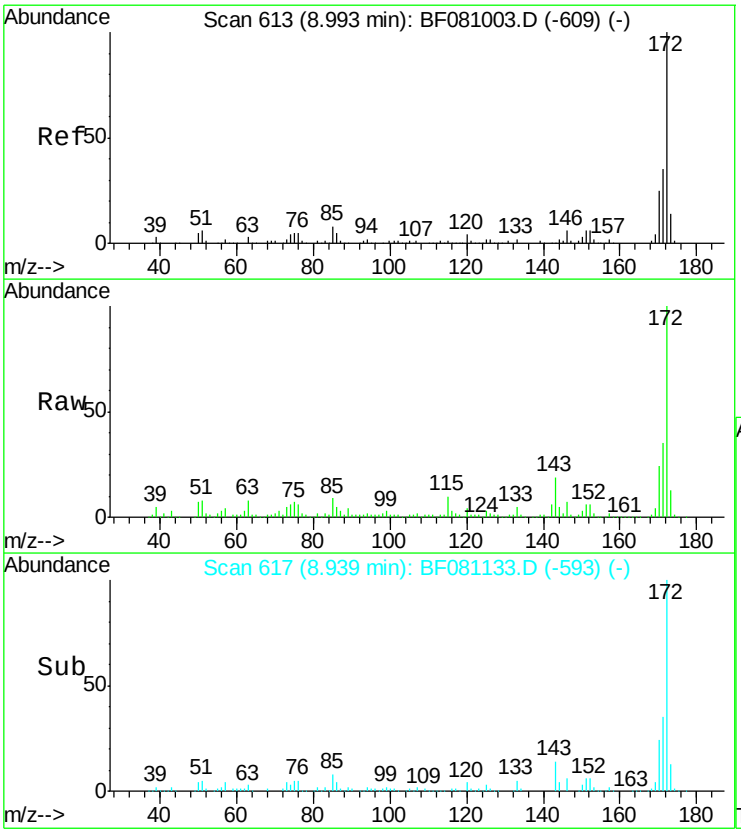
#41
2,4,6-Tribromophenol
Concen: 61.60 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:330 Resp: 62949

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.3	115.9
141	56.9	44.9	67.3

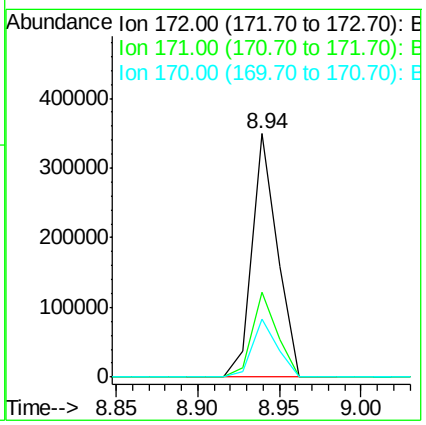


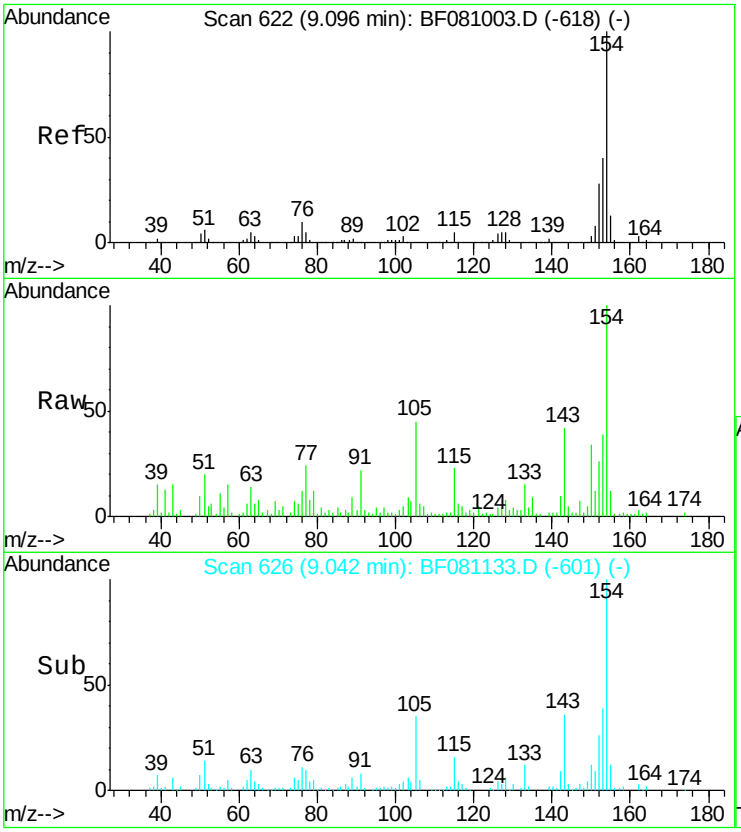


#44
2-Fluorobiphenyl
Concen: 41.70 ng
RT: 8.94 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:172 Resp: 375155

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	24.0	19.4	29.2



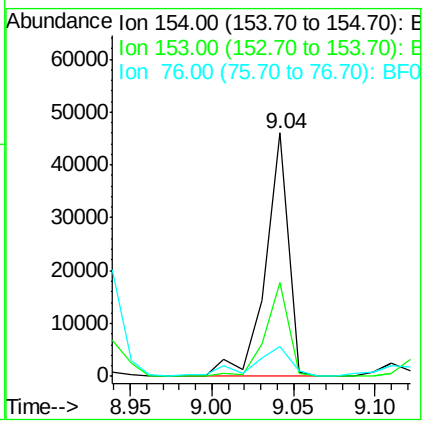


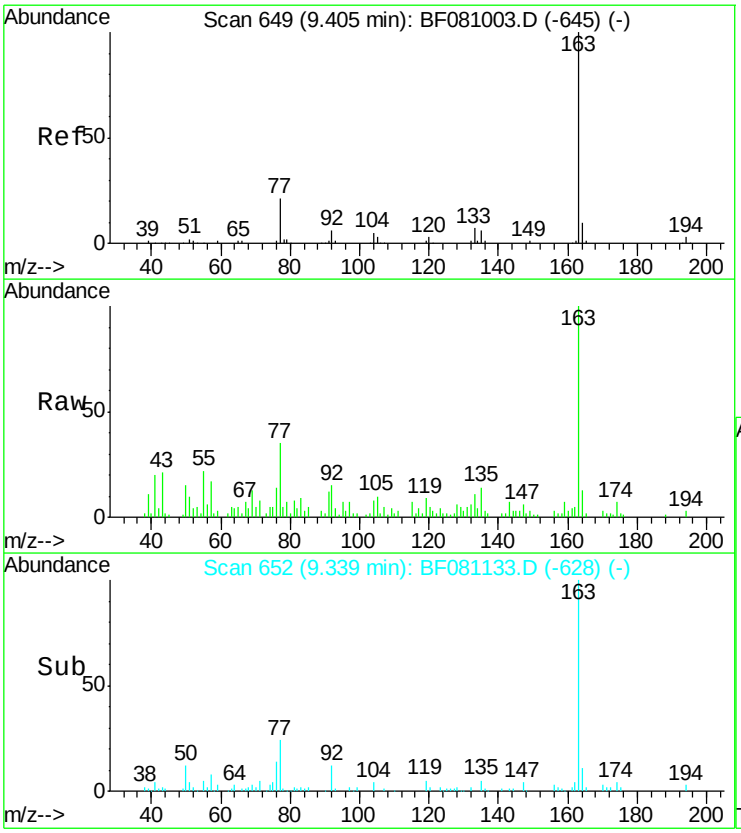
#45
1,1'-Biphenyl
Concen: 4.34 ng
RT: 9.04 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:154 Resp: 45030

Ion	Ratio	Lower	Upper
154	100		
153	38.6	19.5	59.5
76	12.4	0.0	29.3

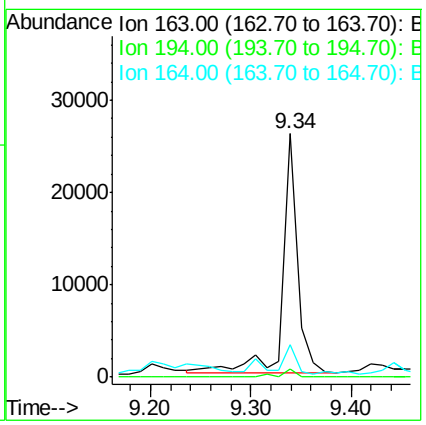


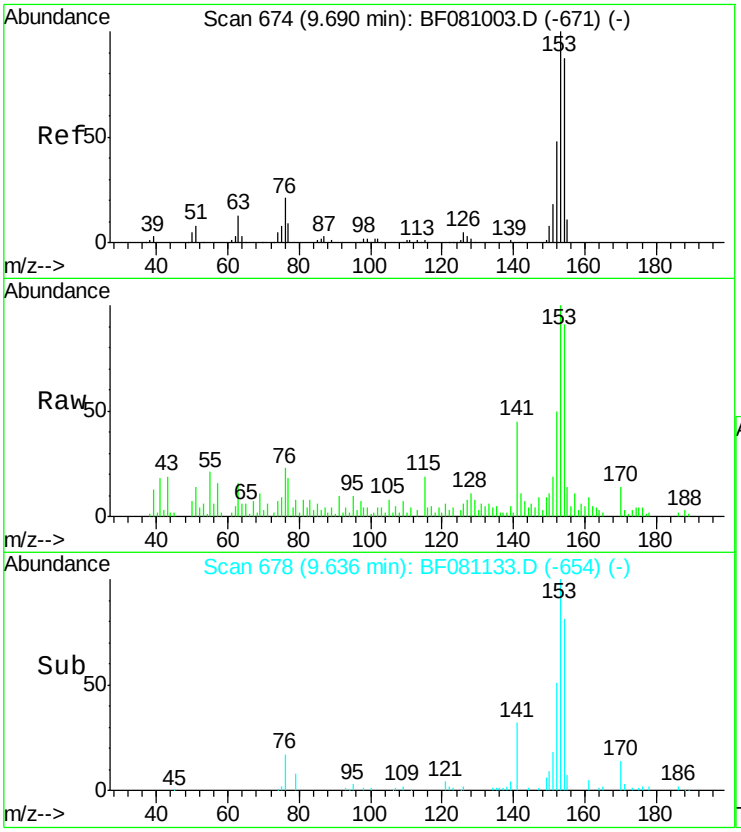


#49
Dimethylphthalate
Concen: 2.70 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:163 Resp: 26234

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.5	3.7
164	13.2	8.1	12.1#



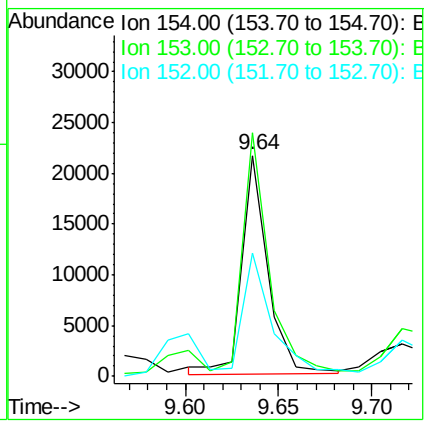


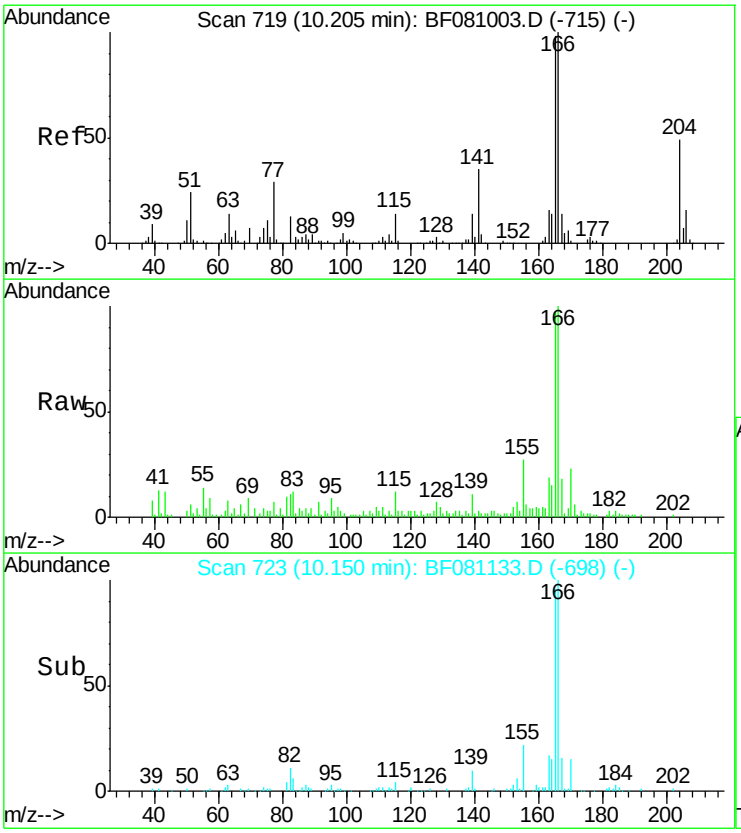
#51
Acenaphthene
Concen: 2.35 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:154 Resp: 20955

Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.4	137.2
152	55.6	43.7	65.5

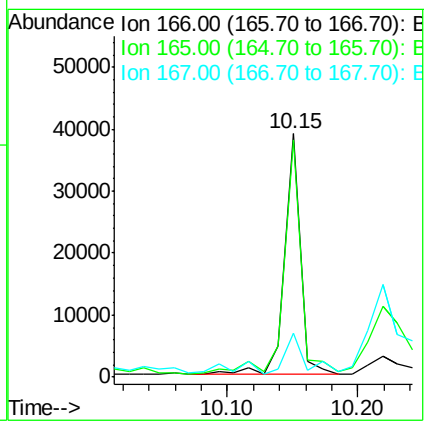


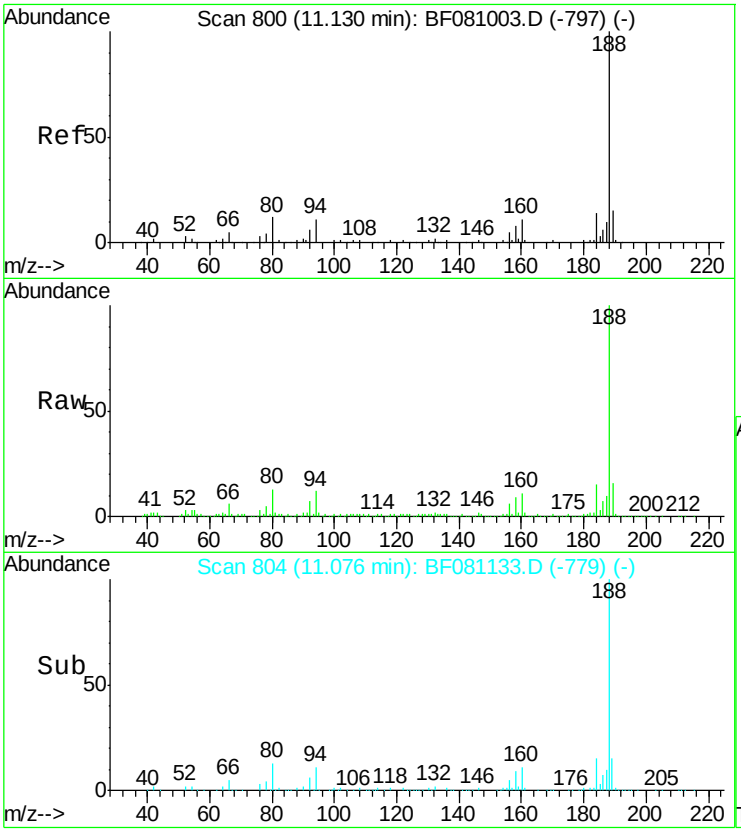


#57
Fluorene
Concen: 3.64 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:166 Resp: 33499

Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.8	113.8
167	18.2	11.3	16.9#



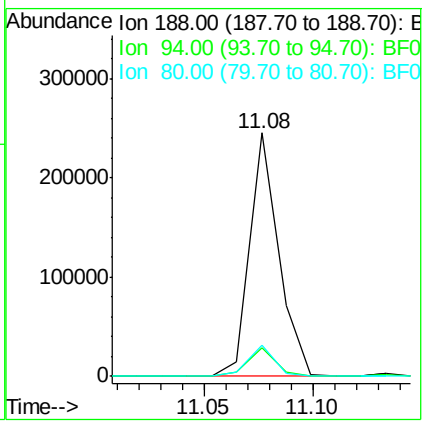


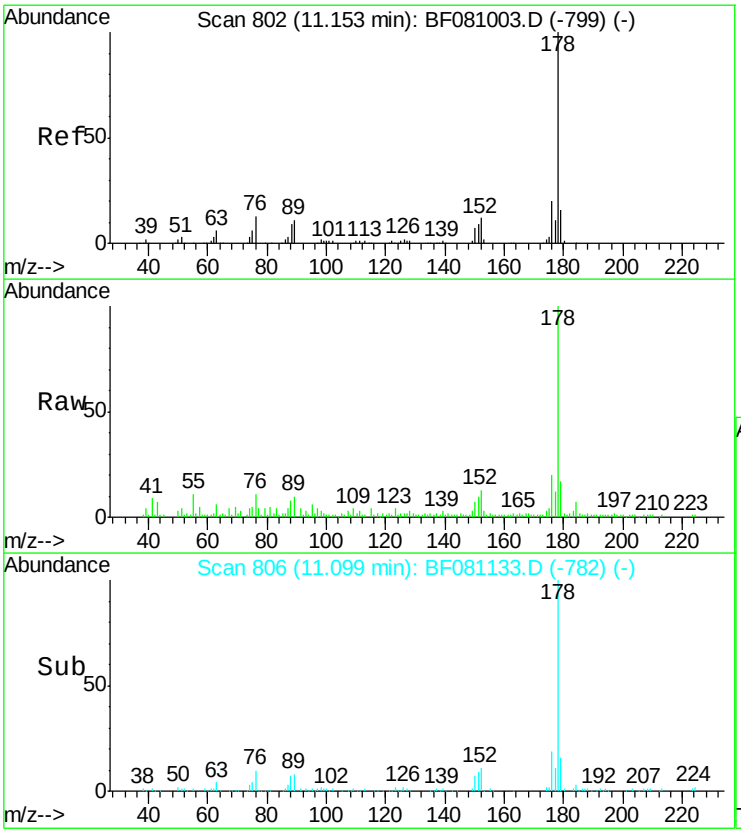
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:188 Resp: 227195

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.2	12.2
80	12.9	9.5	14.3

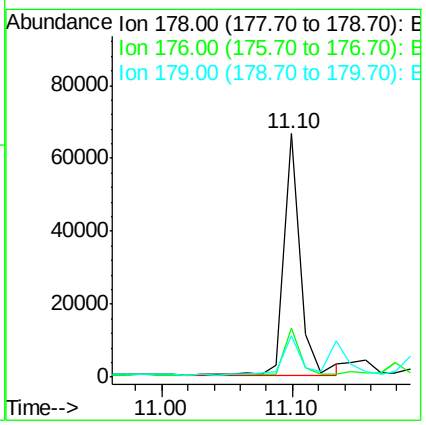


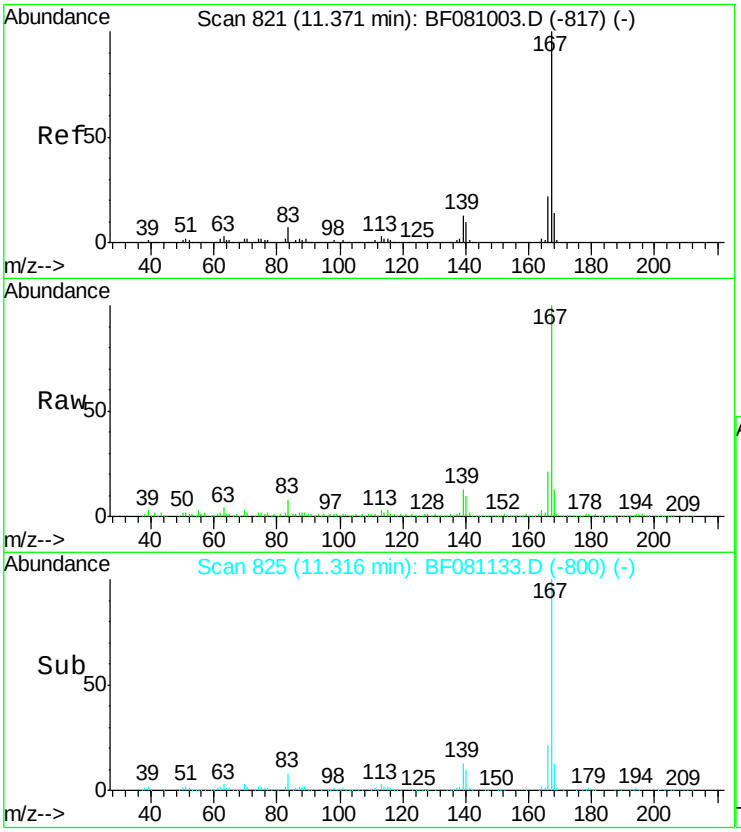


#70
Phenanthrene
Concen: 4.36 ng
RT: 11.10 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:178 Resp: 58645

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.8	12.2	18.2



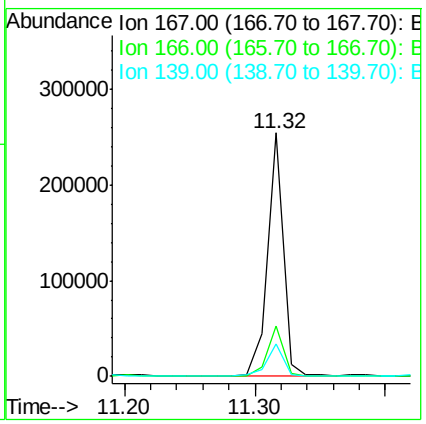


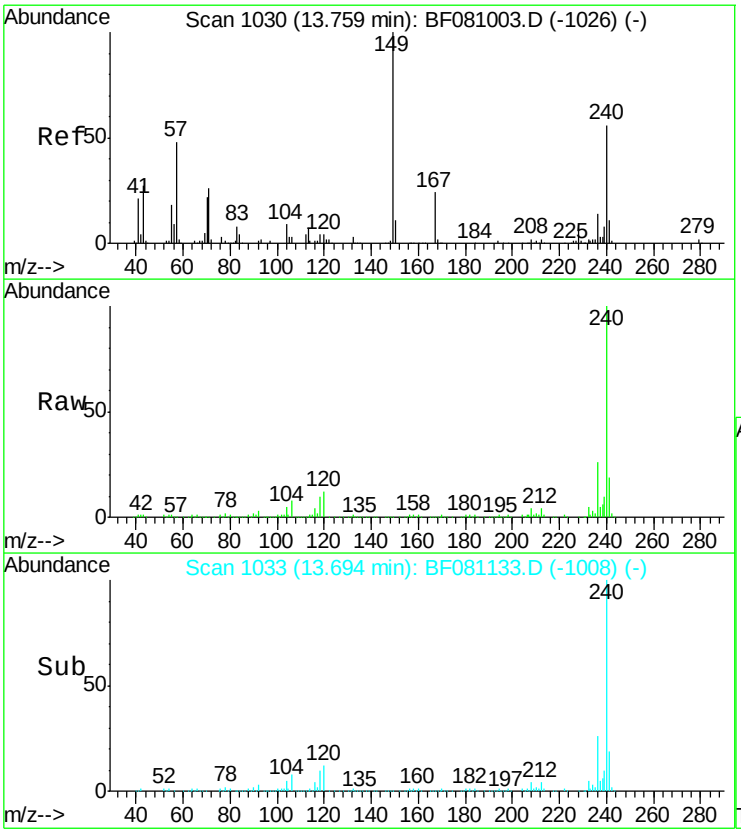
#72
Carbazole
Concen: 17.11 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:167 Resp: 215812

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	13.1	10.6	16.0

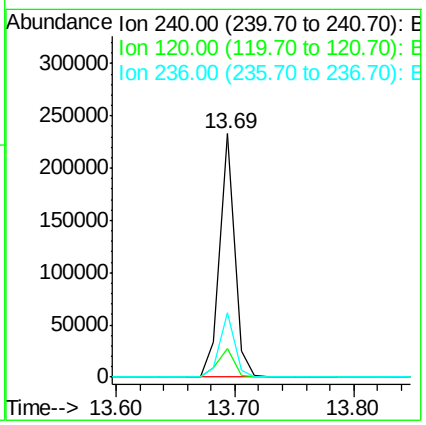


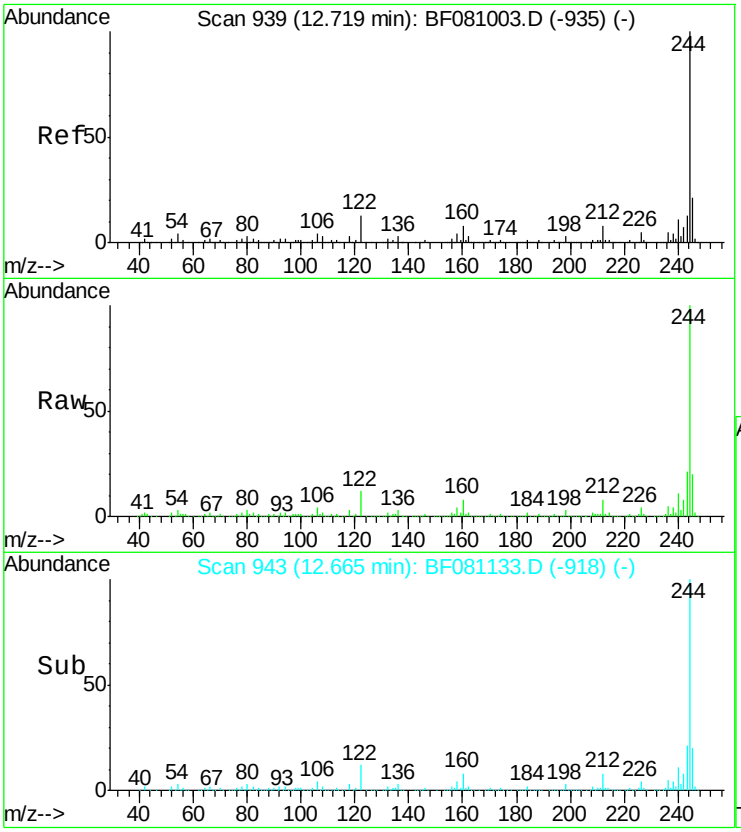


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:240 Resp: 201932

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.6	8.4#
236	26.4	20.6	30.8



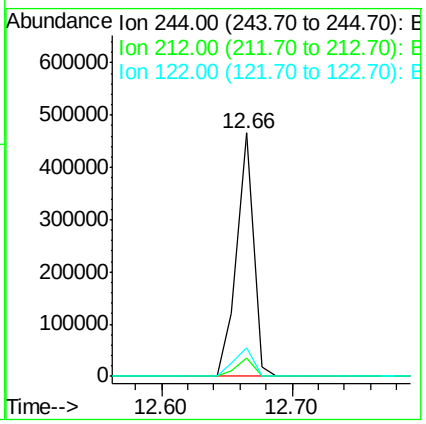


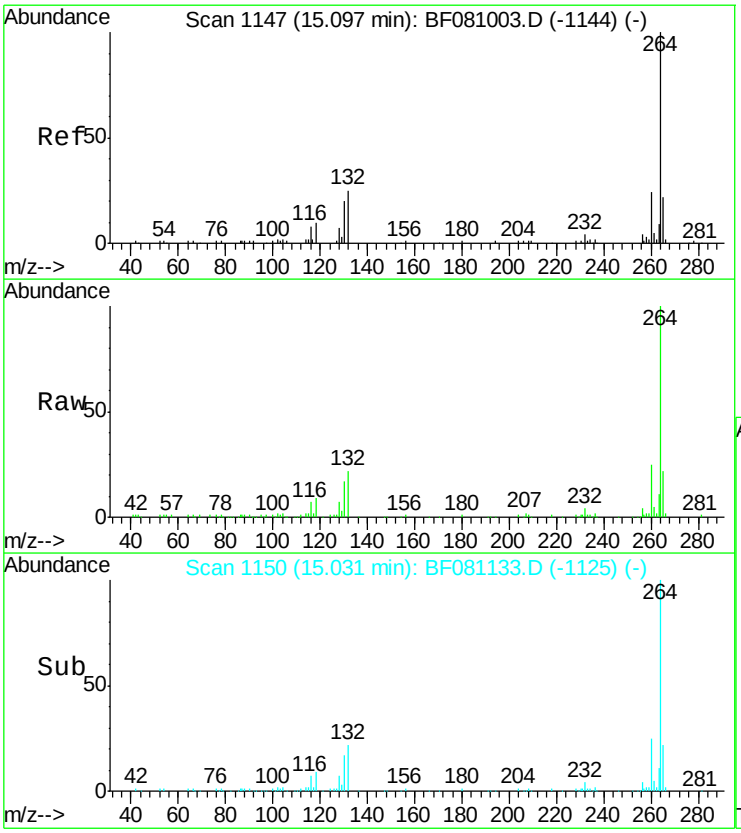
#78
Terphenyl-d14
Concen: 44.30 ng
RT: 12.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Instrument :
BNA_F
ClientSampleId :
S-A(2)DL

Tgt Ion:244 Resp: 417296

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	11.8	8.2	12.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081133.D
Acq: 20 Aug 2015 19:39

Tgt Ion:264 Resp: 125746

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.5	26.3