Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
Data File : BF081783.D
Acq On : 25 Sep 2015 1:03
Operator : UM/IZ
Sample : G3748-08DL2 100X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP201-19-20DL2

Quant Time: Sep 25 06:07:26 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 06:04:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	207609	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	863630	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	400553	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	739244	20.00	ng		0.00
75) Chrysene-d12	14.12	240	596317	20.00	ng		0.00
86) Perylene-d12	15.58	264	490628	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	11845	0.97	ng		-0.01
7) Phenol-d6	6.55	99	15200	0.98	ng		-0.02
23) Nitrobenzene-d5	7.51	82	7145	0.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	1374	0.40	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	19296	0.79	ng		-0.01
78) Terphenyl-d14	13.05	244	18563	0.71	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.26	128	1144658	28.73	ng		97
33) 4-Chloroaniline	8.26	127	157779	9.02	ng	#	36
37) 2-Methylnaphthalene	8.95	142	364677	12.84	ng	#	90
48) Acenaphthylene	9.85	152	224310	5.26	ng		97
50) 2,6-Dinitrotoluene	9.99	165	57249	9.73	ng	#	39
57) Fluorene	10.54	166	126968	4.59	ng		91
70) Phenanthrene	11.50	178	367969	8.71	ng		96
71) Anthracene	11.54	178	98043	2.41	ng		99
74) Fluoranthene	12.69	202	108651	2.55	ng		88
77) Pyrene	12.91	202	155434	3.46	ng		97

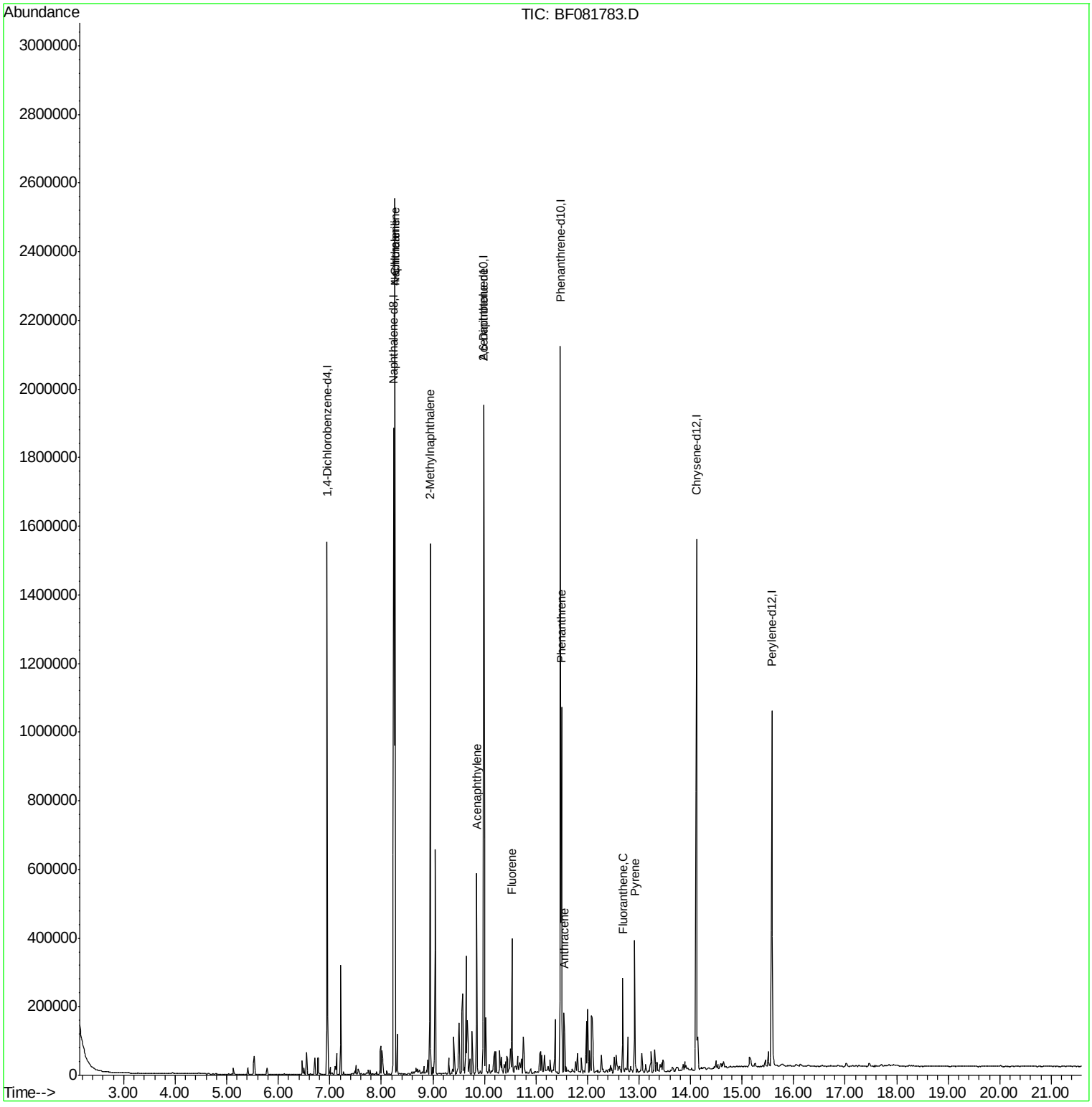
(#) = qualifier out of range (m) = manual integration (+) = signals summed

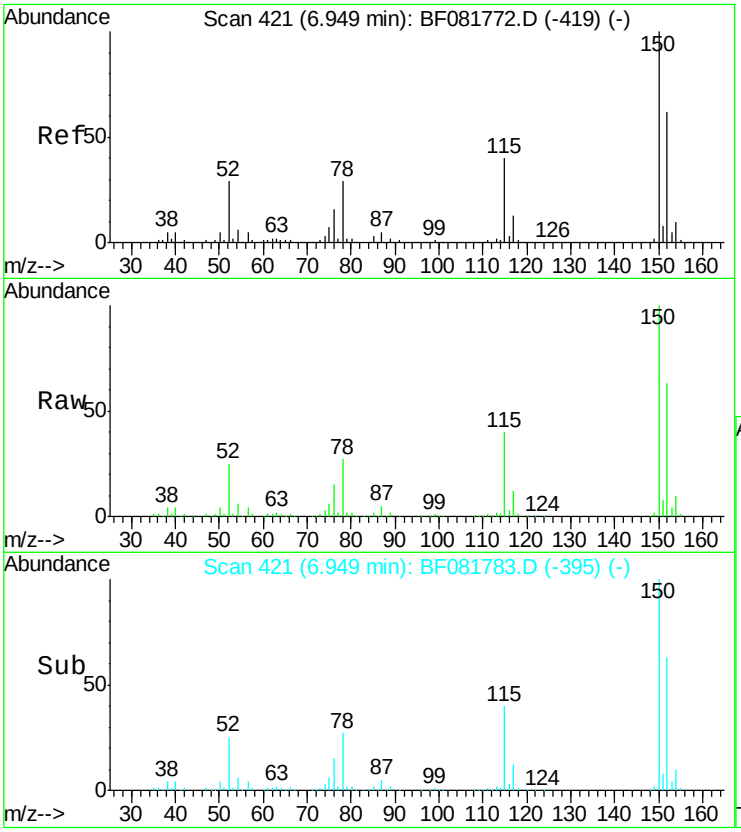
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
Data File : BF081783.D
Acq On : 25 Sep 2015 1:03
Operator : UM/IZ
Sample : G3748-08DL2 100X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Quant Time: Sep 25 06:07:26 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 06:04:07 2015
Response via : Initial Calibration



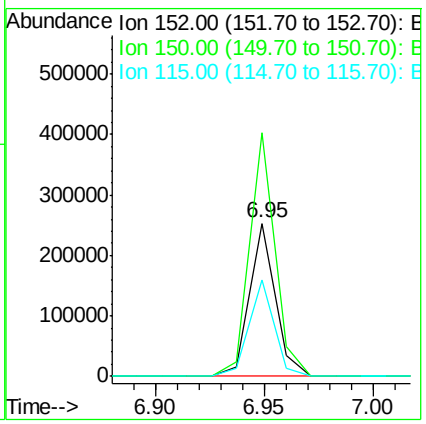


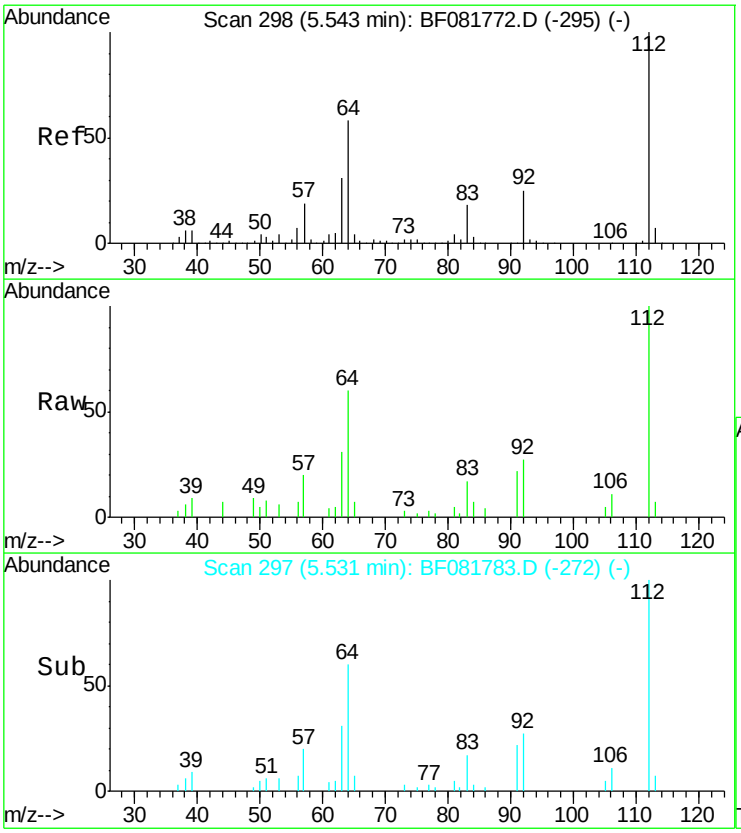
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:152 Resp: 207609

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	62.7	39.0	58.4#

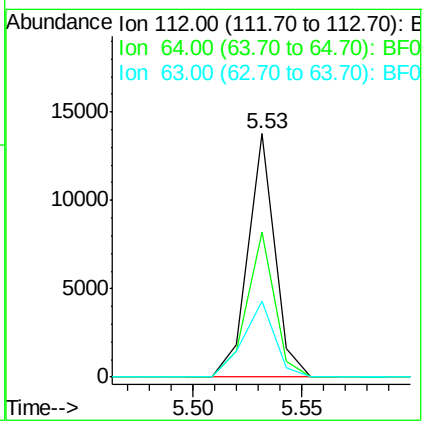


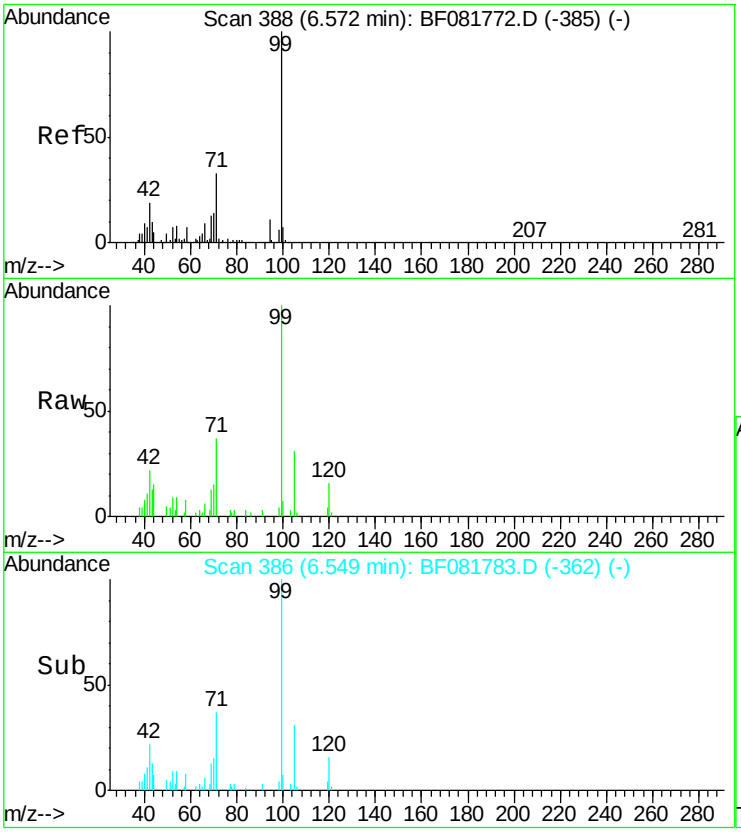


#5
2-Fluorophenol
Concen: 0.97 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:112 Resp: 11845

Ion	Ratio	Lower	Upper
112	100		
64	59.5	39.7	59.5
63	31.2	17.4	26.0#



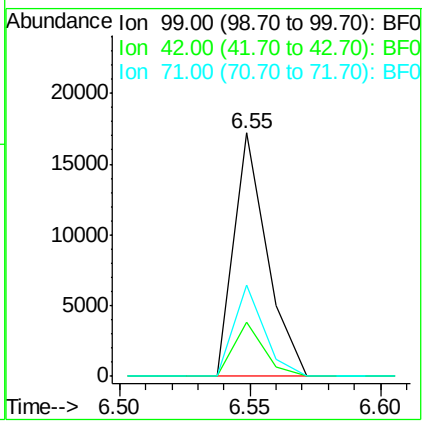


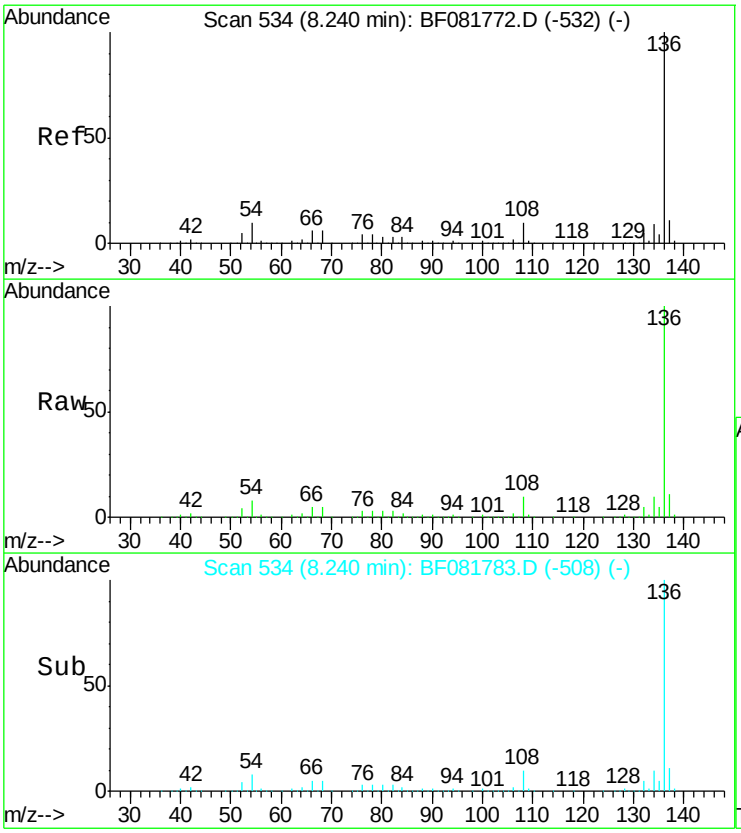
#7
Phenol-d6
Concen: 0.98 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion: 99 Resp: 15200

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.7	20.5#
71	37.3	14.2	21.2#

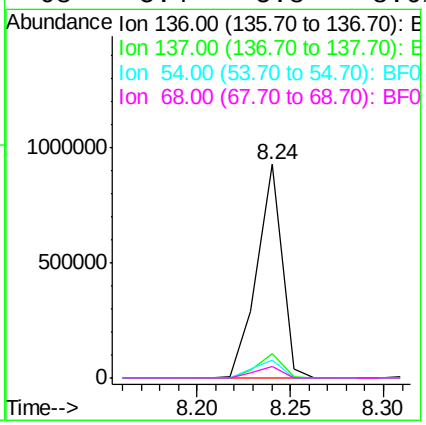


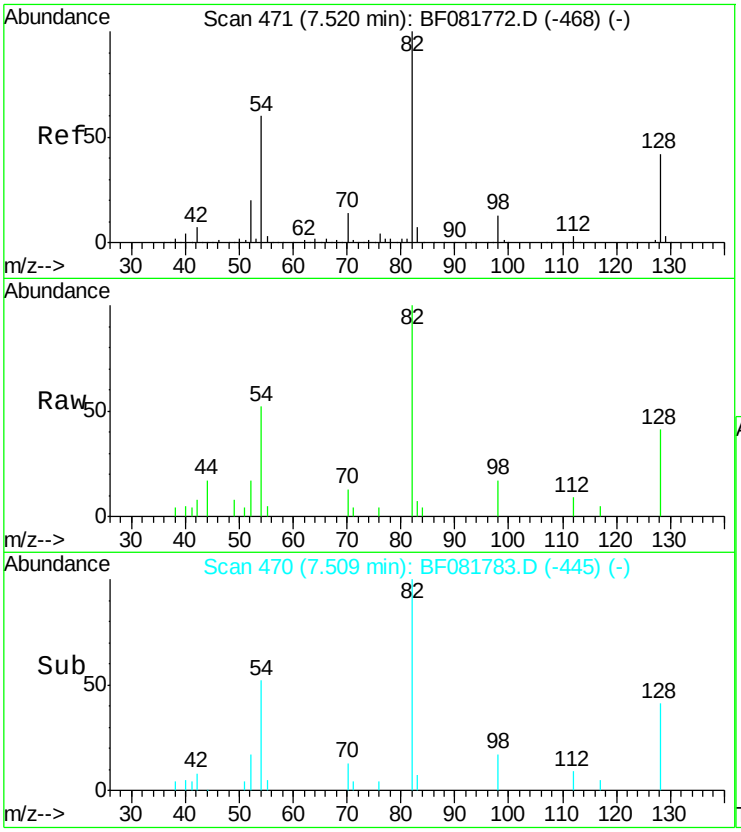


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:136 Resp: 863630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.4	8.2	12.2
68	5.4	5.8	8.6#



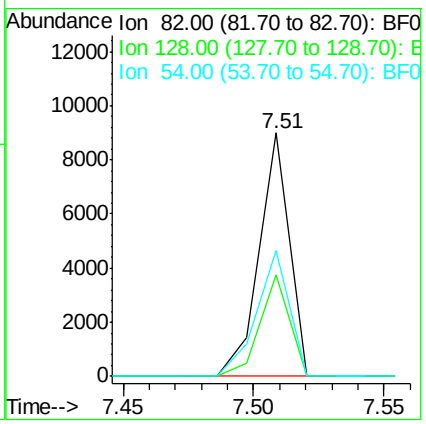


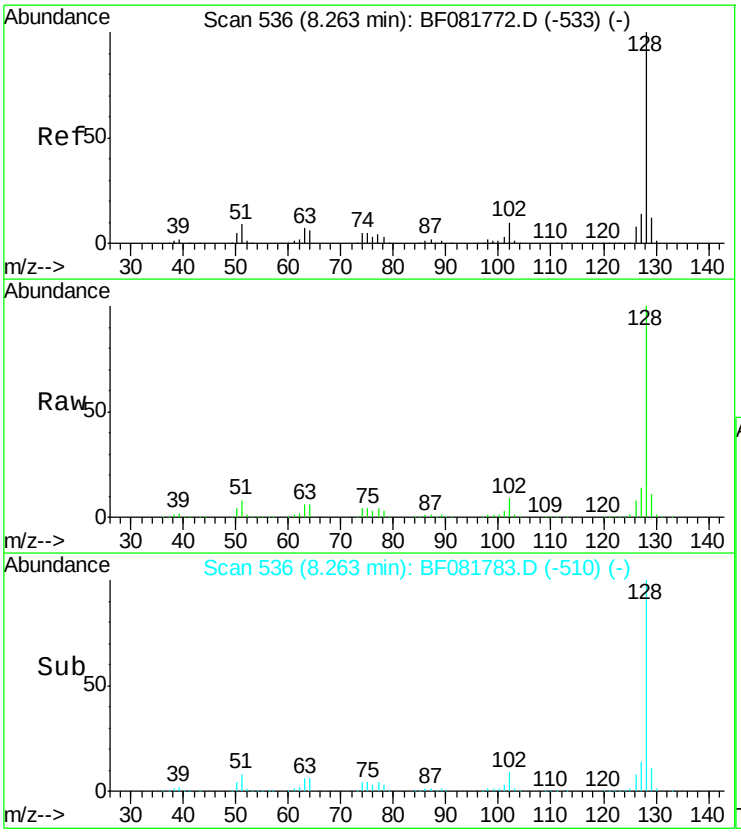
#23
Nitrobenzene-d5
Concen: 0.55 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion: 82 Resp: 7145

Ion	Ratio	Lower	Upper
82	100		
128	41.5	51.0	76.6#
54	51.8	47.5	71.3

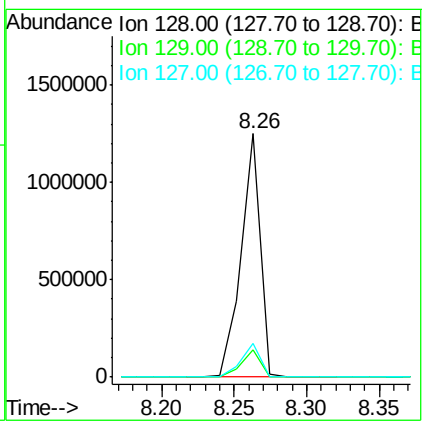


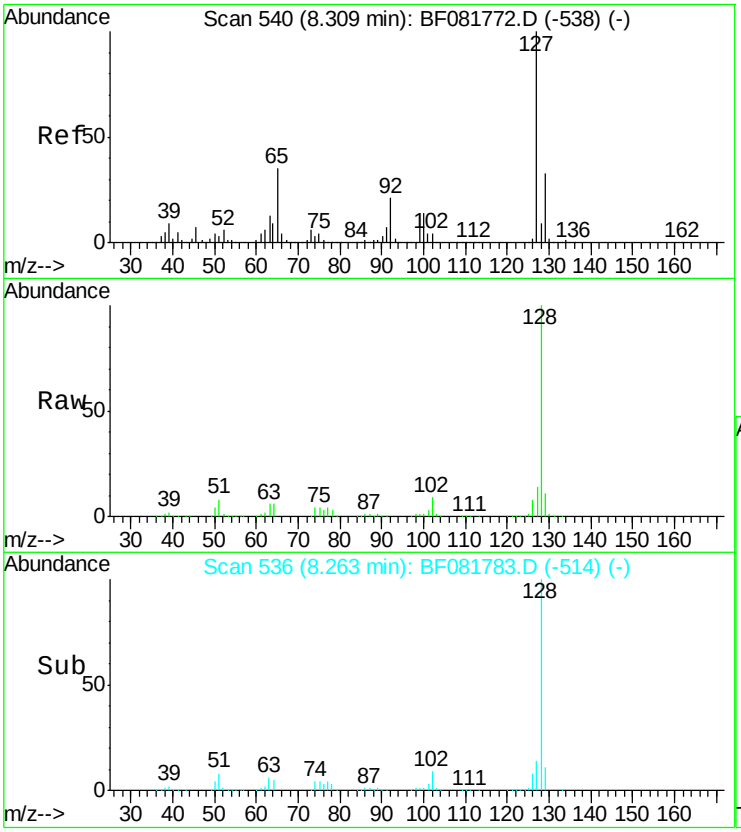


#31
Naphthalene
Concen: 28.73 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:128 Resp: 1144658

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	14.0	9.9	14.9



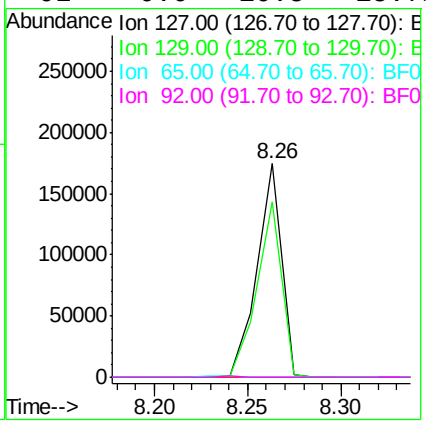


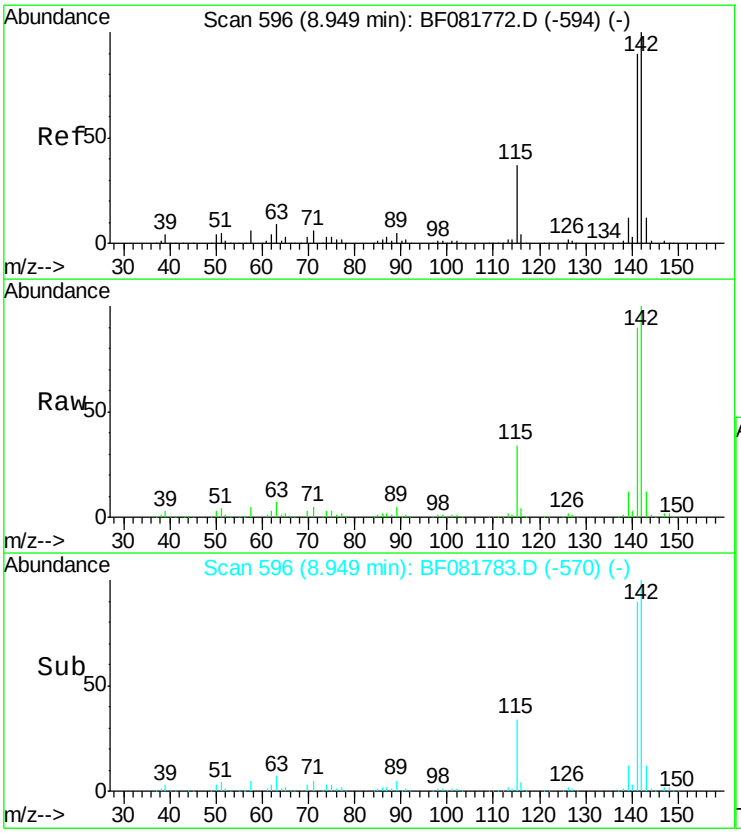
#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:127 Resp: 157779

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

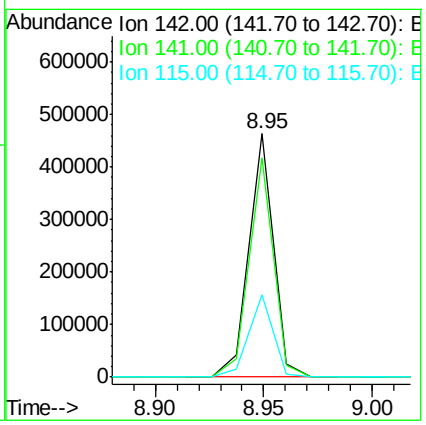


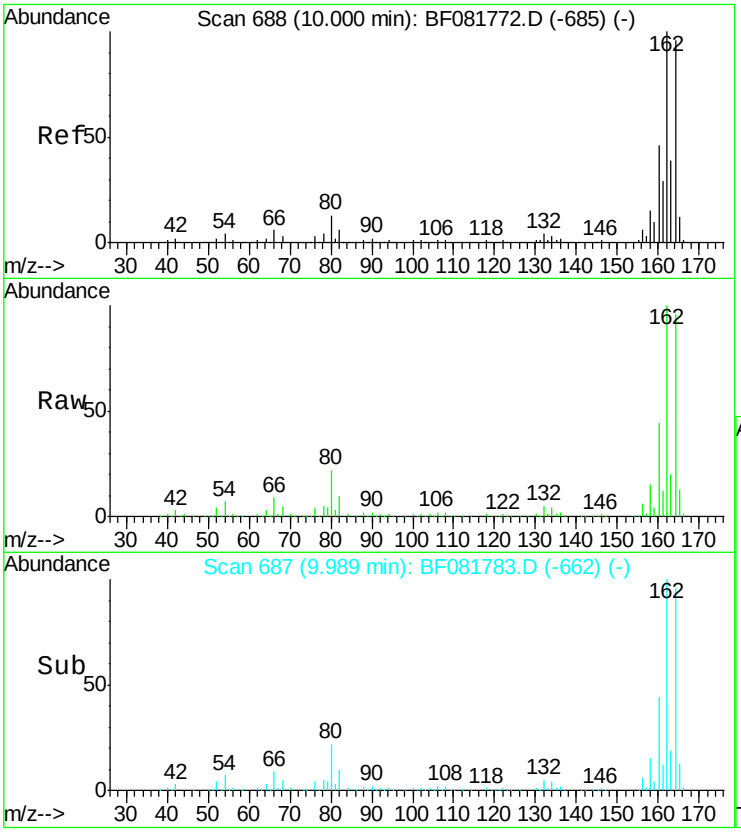


#37
2-Methylnaphthalene
Concen: 12.84 ng
RT: 8.95 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:142 Resp: 364677

Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.5	101.3
115	33.9	18.2	27.2#



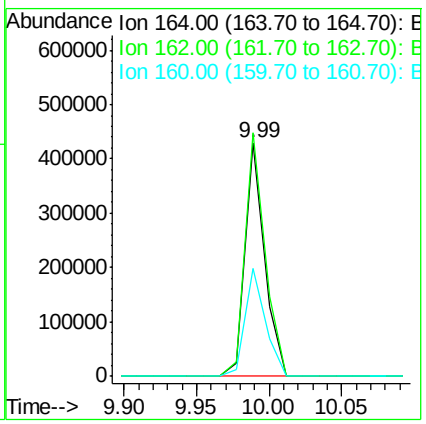


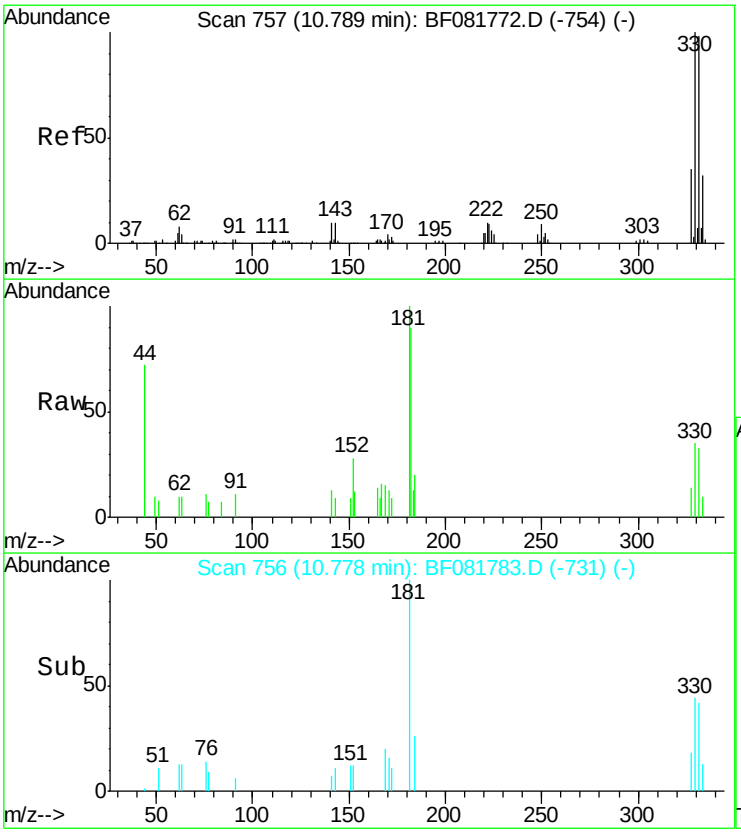
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:164 Resp: 400553

Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	46.1	31.5	47.3

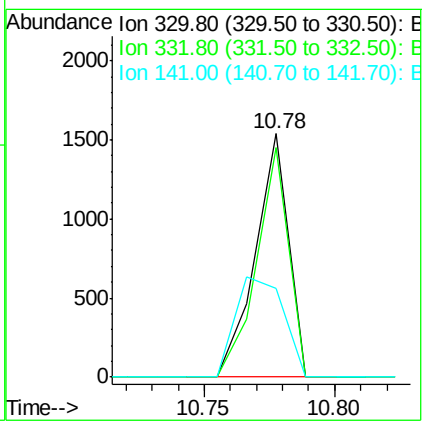


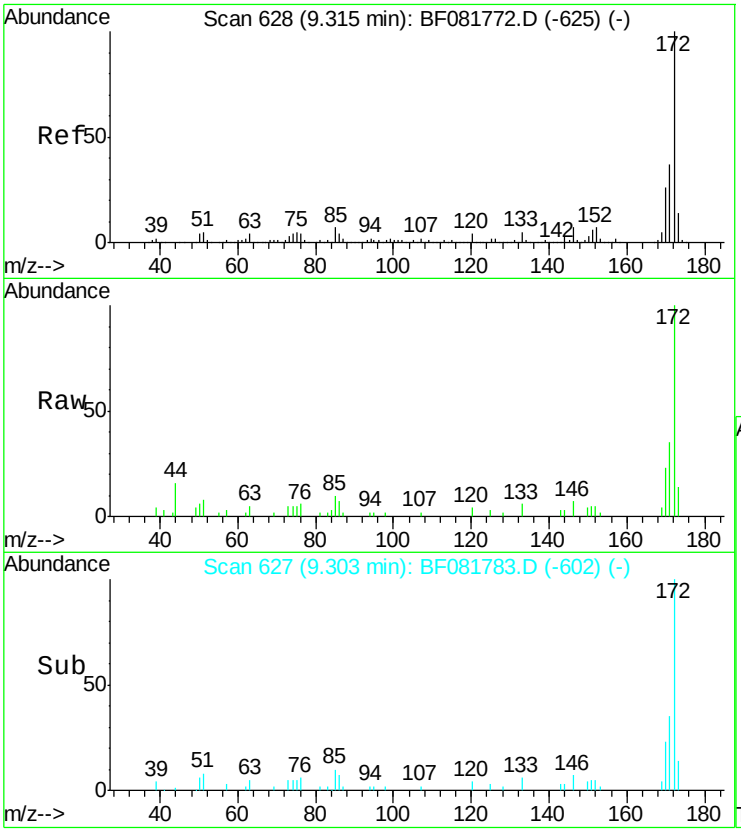


#41
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:330 Resp: 1374

Ion	Ratio	Lower	Upper
330	100		
332	90.6	76.6	114.8
141	59.8	29.7	44.5#



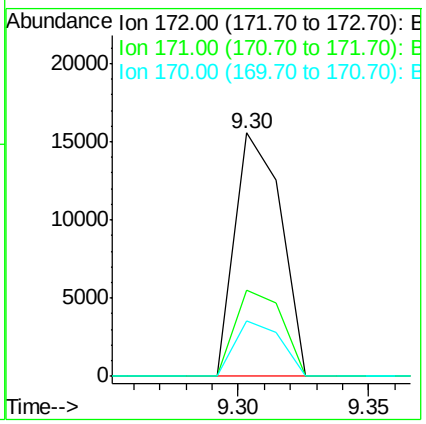


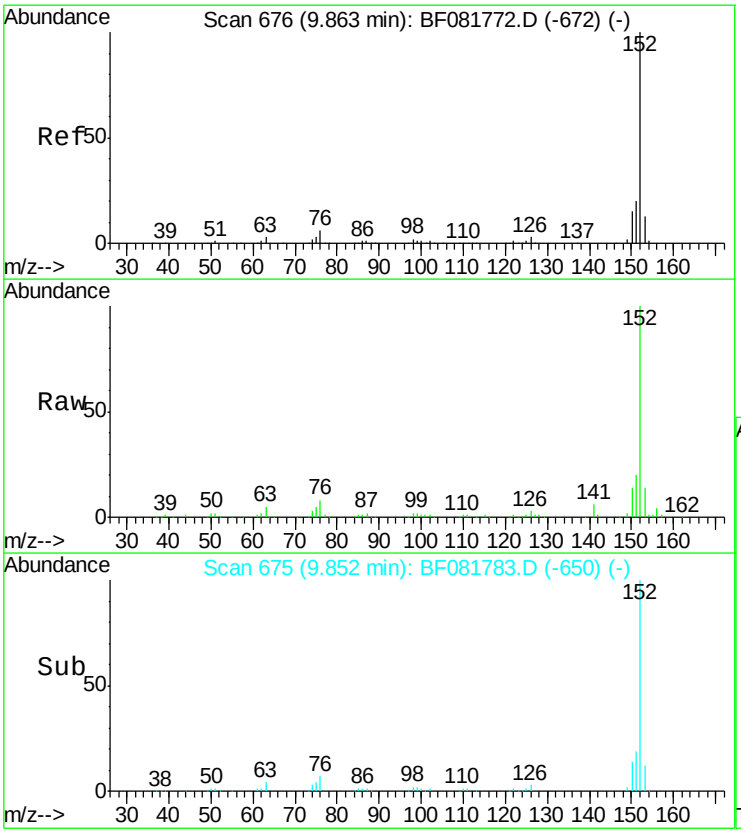
#44
2-Fluorobiphenyl
Concen: 0.79 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:172 Resp: 19296

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.0	17.4	26.2

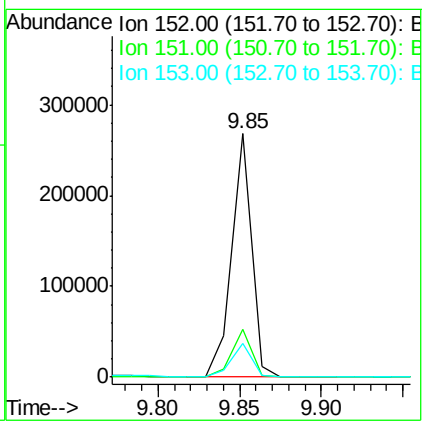


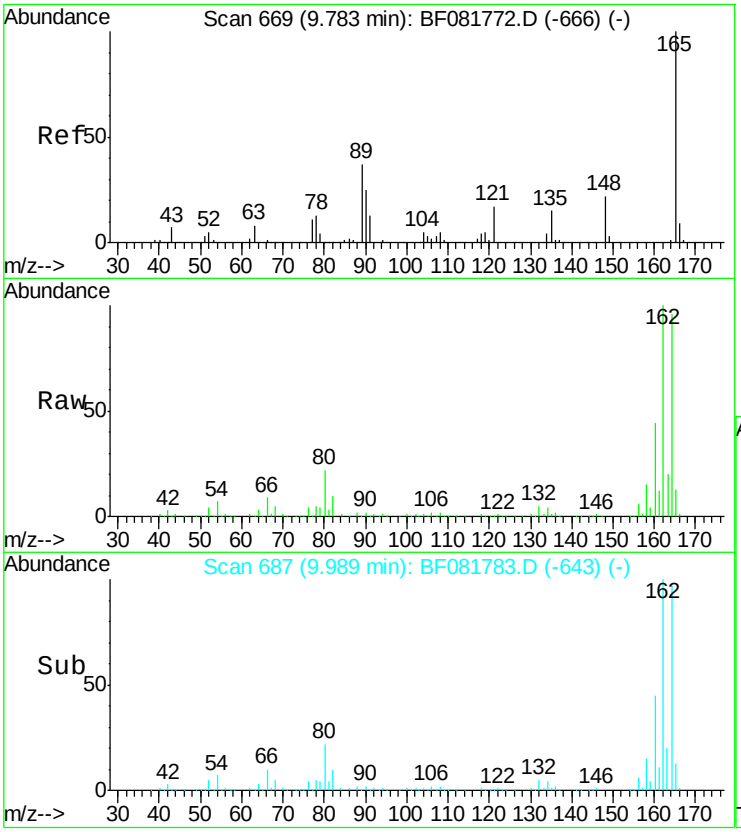


#48
Acenaphthylene
Concen: 5.26 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:152 Resp: 224310

Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.6	22.0
153	13.7	10.3	15.5



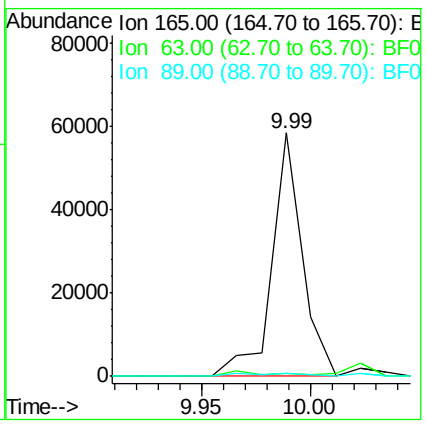


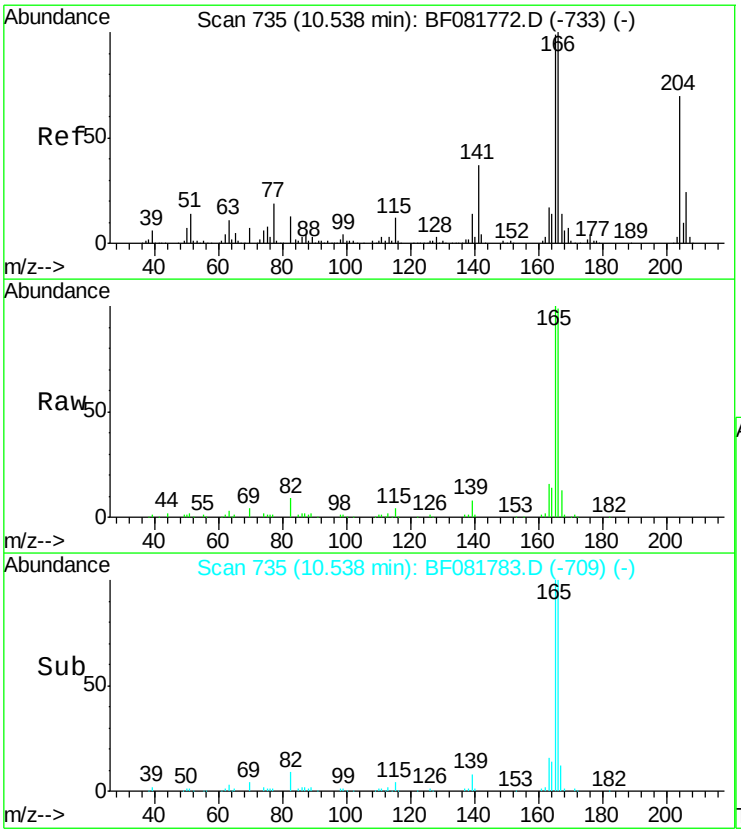
#50
2,6-Dinitrotoluene
Concen: 9.73 ng
RT: 9.99 min Scan# 687
Delta R.T. 0.21 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:165 Resp: 57249

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.3	48.5#
89	1.4	28.6	43.0#

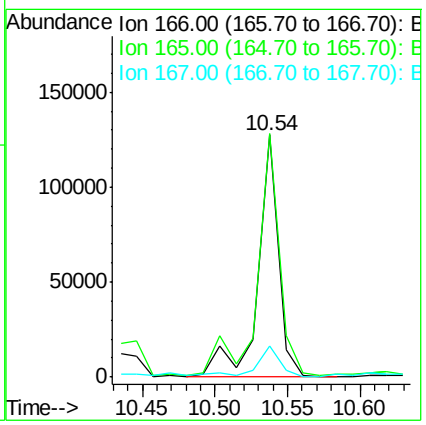


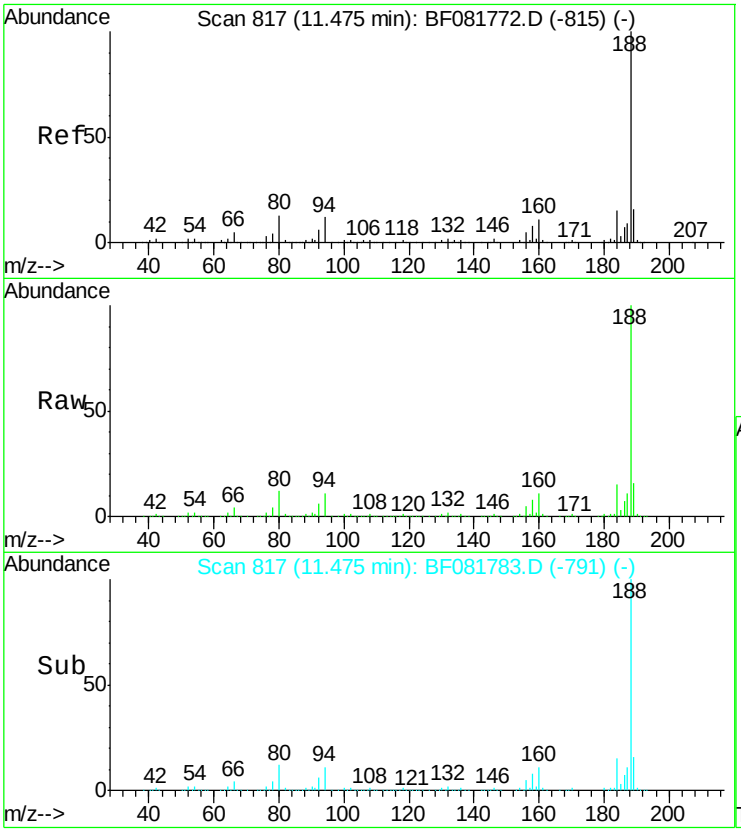


#57
Fluorene
Concen: 4.59 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:166 Resp: 126968

Ion	Ratio	Lower	Upper
166	100		
165	100.7	72.6	109.0
167	13.0	10.6	16.0



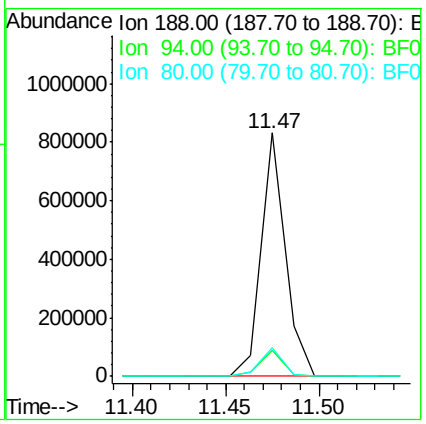


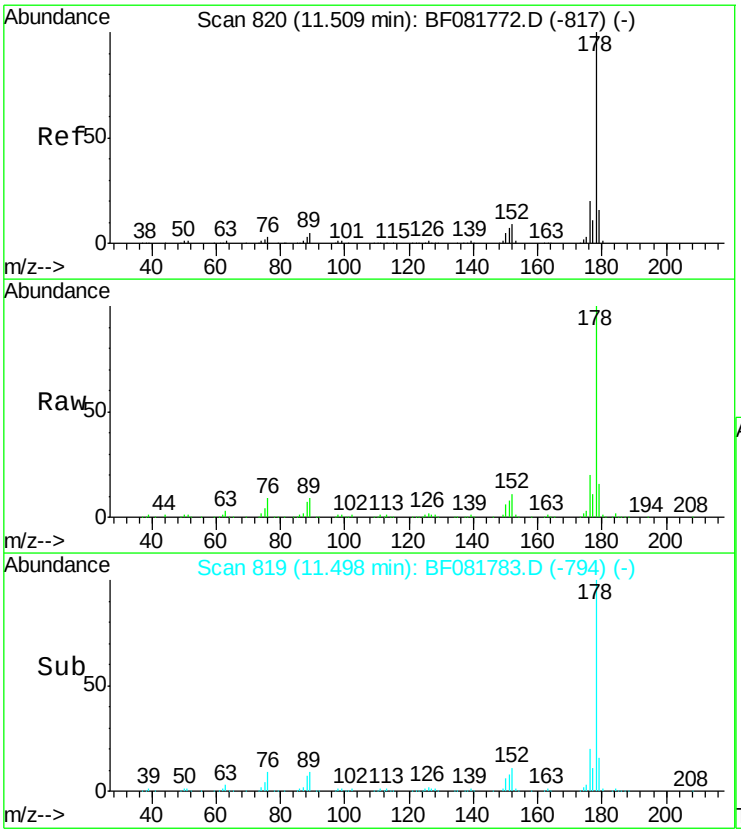
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:188 Resp: 739244

Ion	Ratio	Lower	Upper
188	100		
94	10.6	11.1	16.7#
80	11.6	11.0	16.4

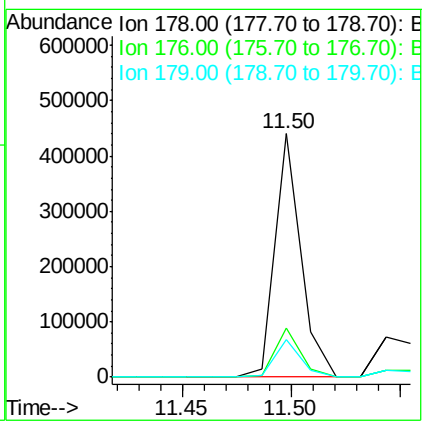


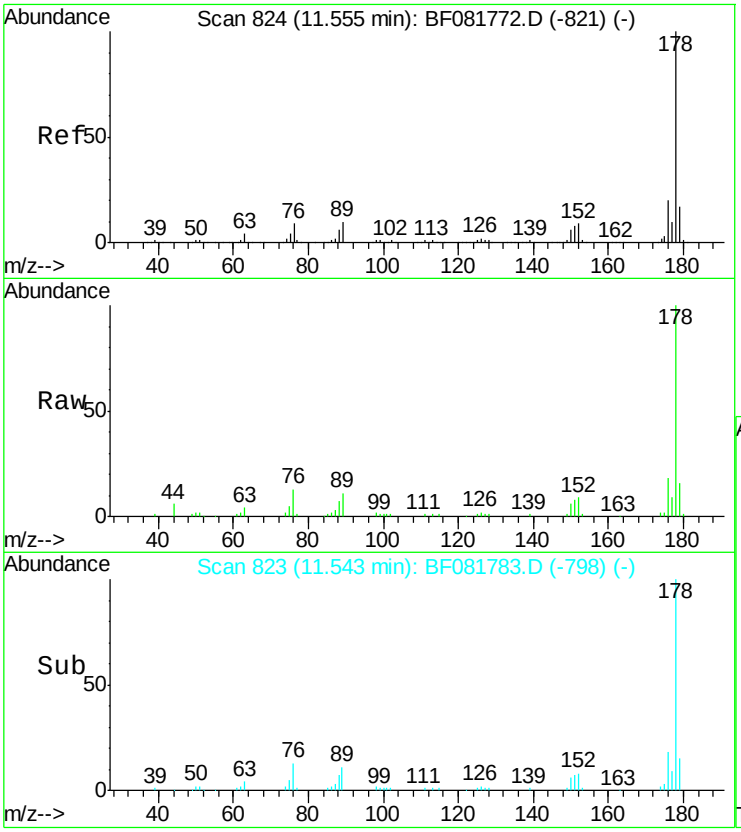


#70
Phenanthrene
Concen: 8.71 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:178 Resp: 367969

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.6	12.2	18.2



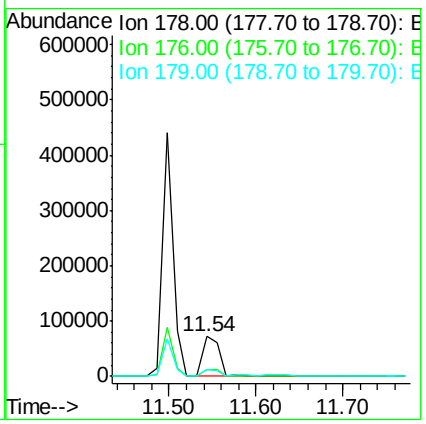


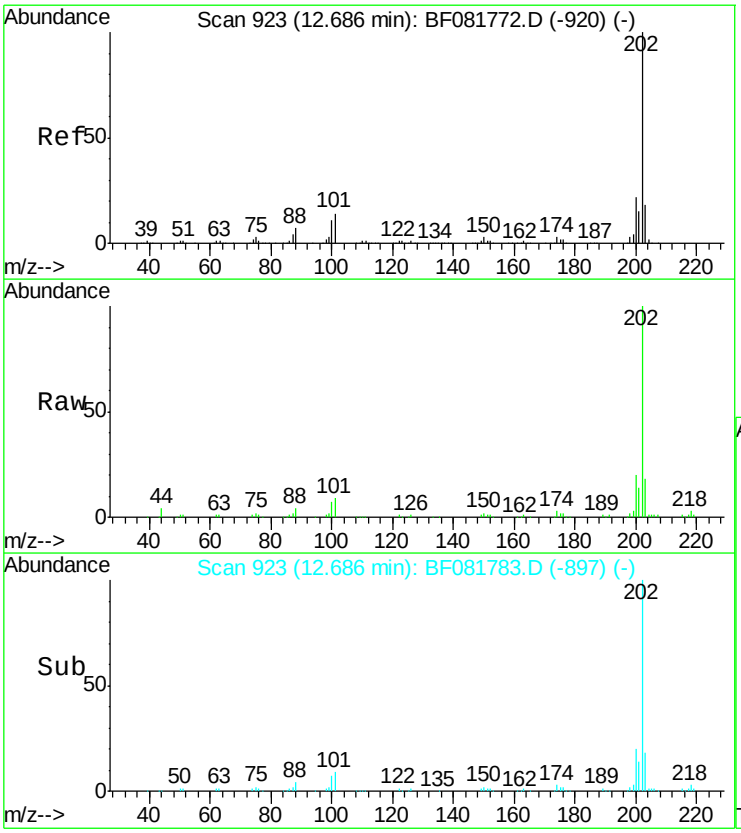
#71
Anthracene
Concen: 2.41 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:178 Resp: 98043

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.1	21.1
179	16.0	12.2	18.2

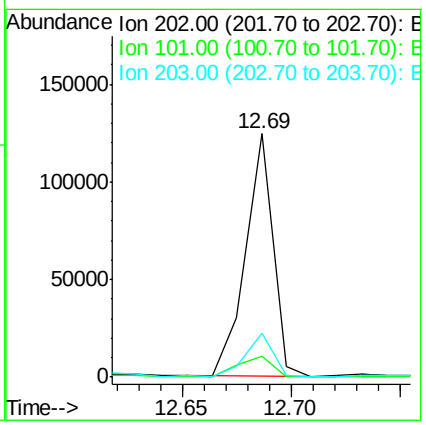


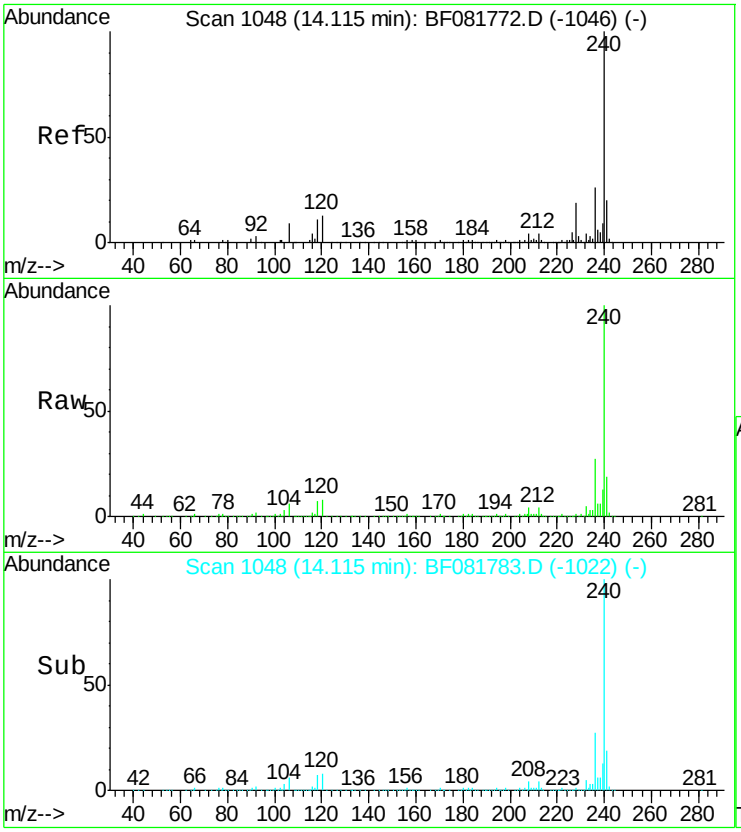


#74
Fluoranthene
Concen: 2.55 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:202 Resp: 108651

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	38.3
203	18.1	0.0	37.3



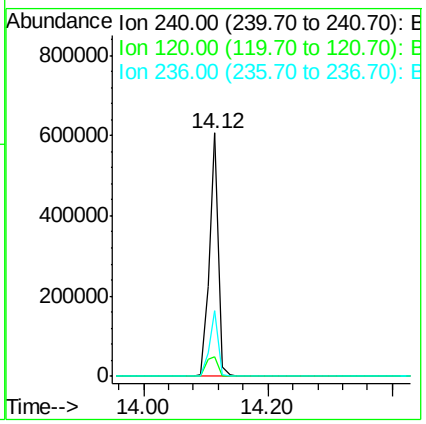


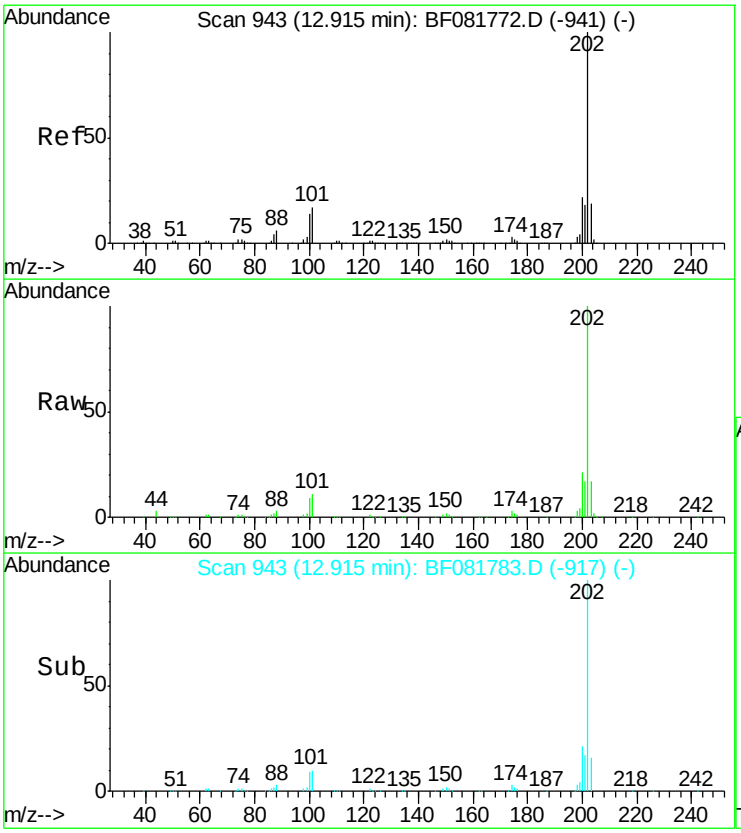
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:240 Resp: 596317

Ion	Ratio	Lower	Upper
240	100		
120	8.2	16.2	24.2#
236	27.0	18.4	27.6

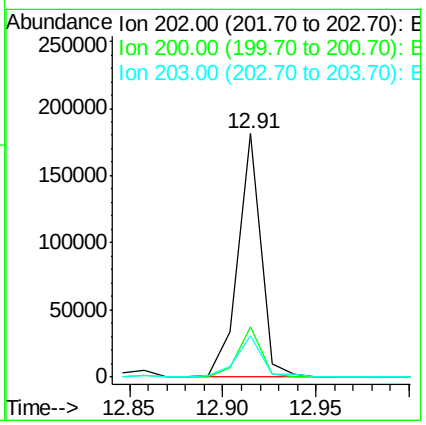


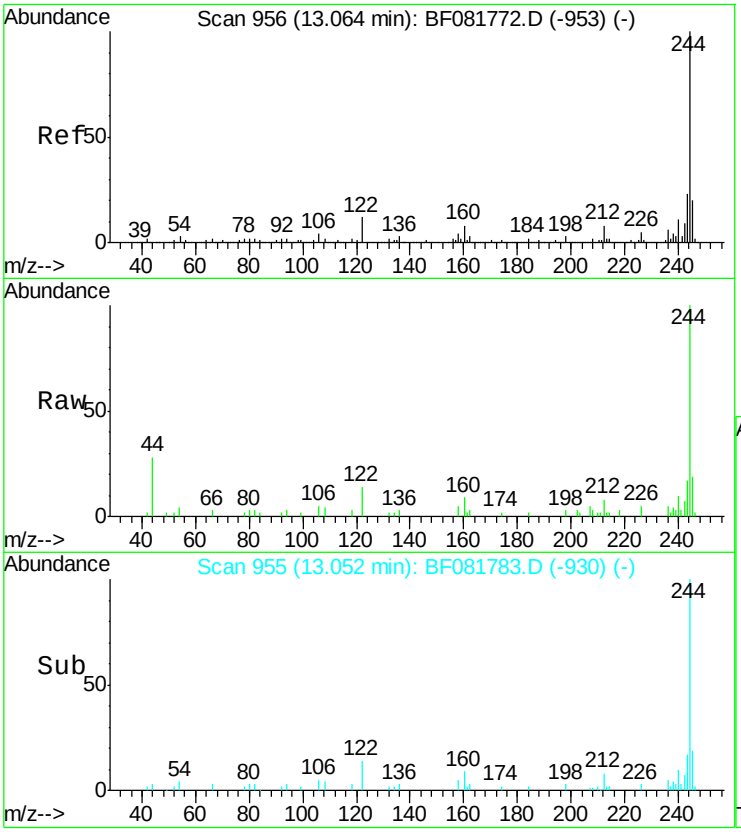


#77
Pyrene
Concen: 3.46 ng
RT: 12.91 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:202 Resp: 155434

Ion	Ratio	Lower	Upper
202	100		
200	20.9	15.0	22.4
203	17.0	14.1	21.1



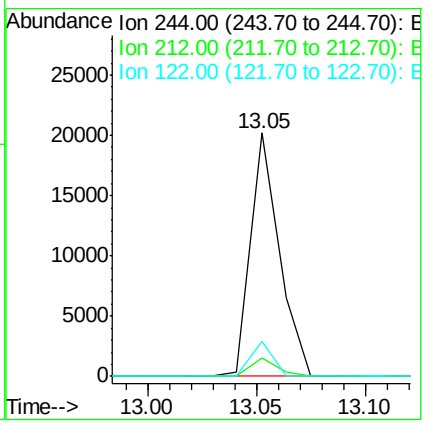


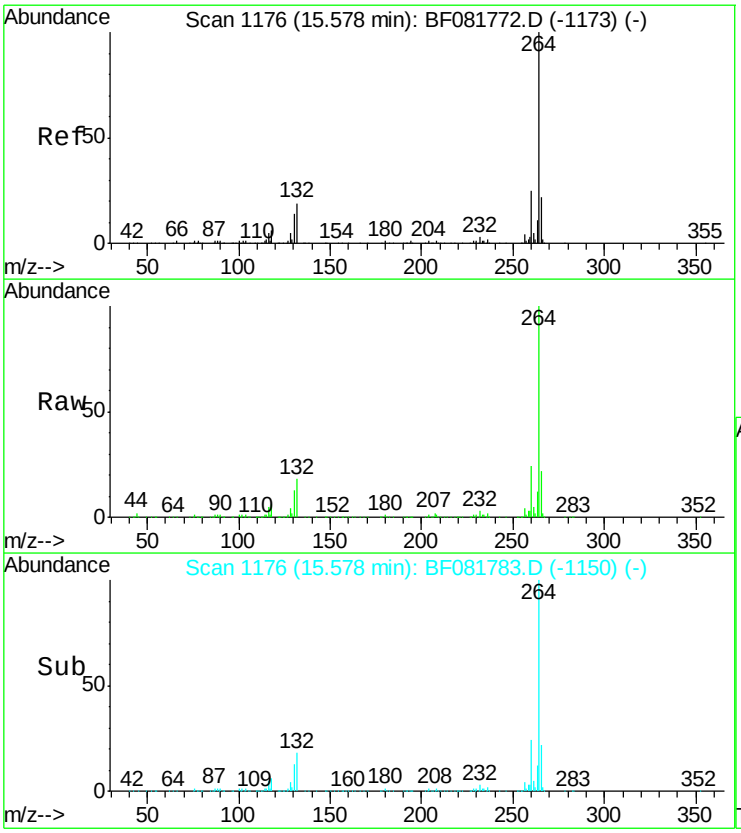
#78
Terphenyl-d14
Concen: 0.71 ng
RT: 13.05 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF081783.D
Acq: 25 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL2

Tgt Ion:244 Resp: 18563

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	14.3	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: BF081783.D
Acq: 25 Sep 2015 1:03

Tgt Ion:264 Resp: 490628

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.7	17.2	25.8