Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081714.D
Acq On : 21 Sep 2015 14:45
Operator : UM/IZ
Sample : G3654-05DL3 200X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP204(20-22)DL3

Quant Time: Sep 22 03:56:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32701	20.00	ng		-0.06
21) Naphthalene-d8	11.05	136	135935	20.00	ng		-0.07
38) Acenaphthene-d10	15.19	164	63693	20.00	ng		-0.07
63) Phenanthrene-d10	18.70	188	136991	20.00	ng		-0.06
75) Chrysene-d12	23.35	240	116233	20.00	ng		-0.03
86) Perylene-d12	24.79	264	81276	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	13.72	172	2091	0.42	ng		-0.06
78) Terphenyl-d14	22.07	244	2238	0.45	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	11.11	128	287259	39.62	ng		99
37) 2-Methylnaphthalene	12.76	142	87713	18.59	ng	#	90
48) Acenaphthylene	14.85	152	41152	5.48	ng		97
57) Fluorene	16.52	166	17664	3.73	ng		83
70) Phenanthrene	18.75	178	68552	9.00	ng		96
71) Anthracene	18.89	178	17761	2.27	ng		94
74) Fluoranthene	21.39	202	18909	2.29	ng		89
77) Pyrene	21.74	202	34422	4.00	ng		97

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

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BNA_F
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MGP204(20-22)DL3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
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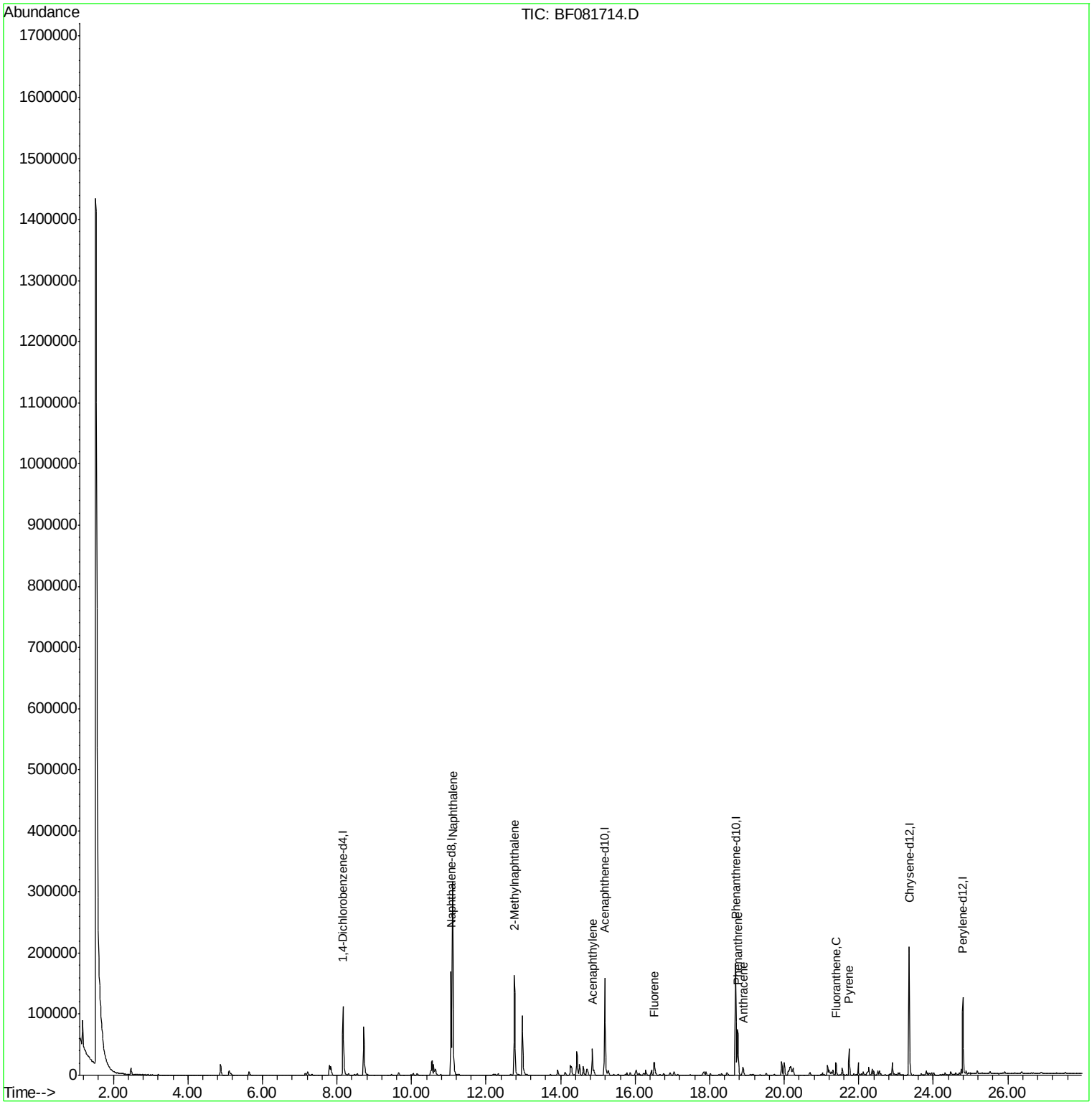
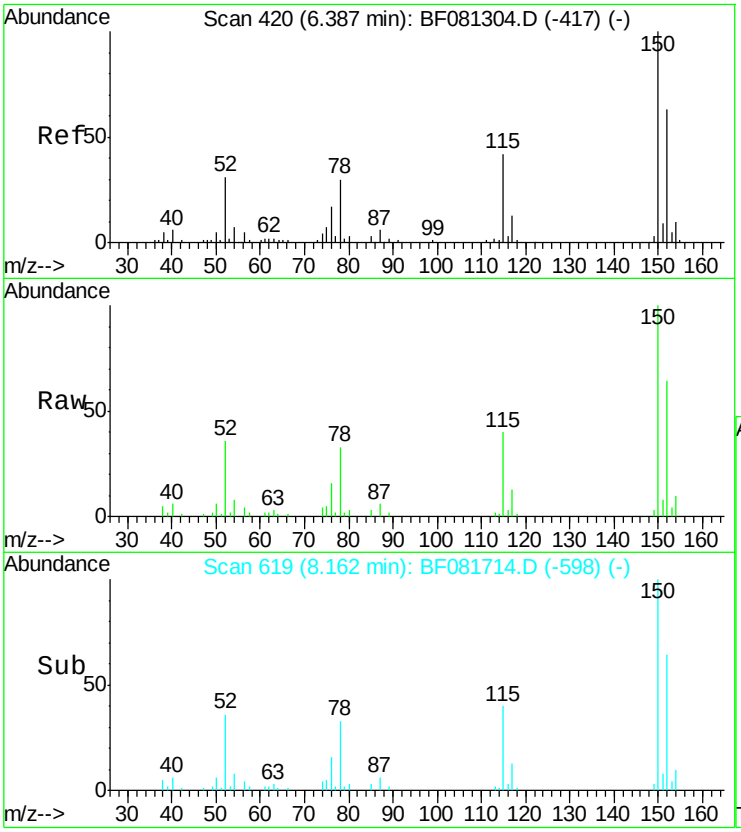


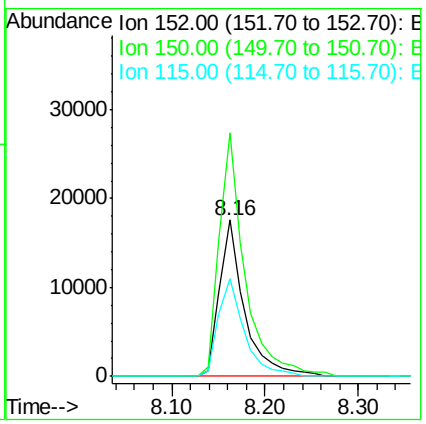


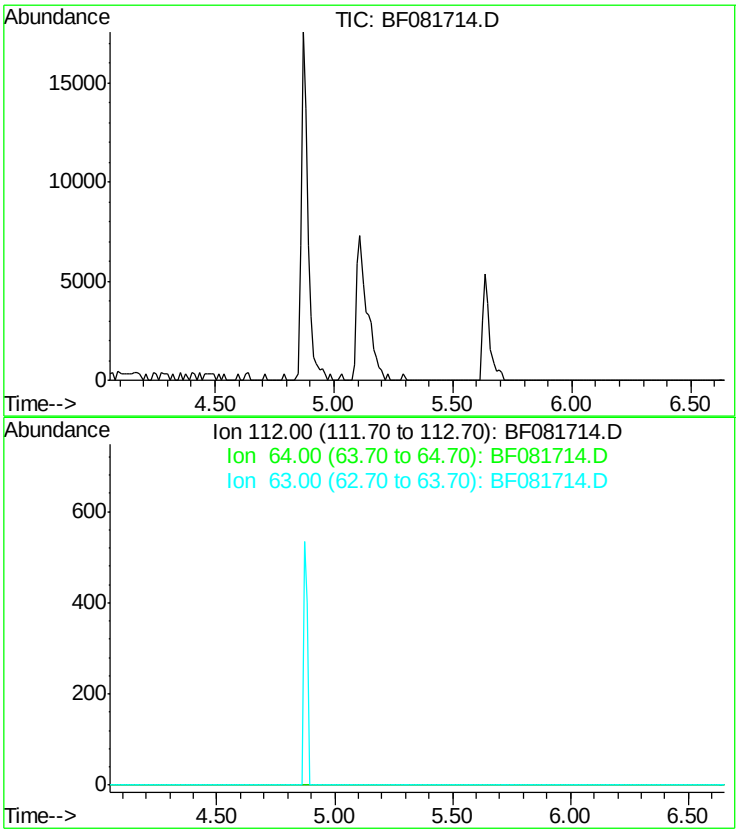
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:152 Resp: 32701

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	62.2	39.0	58.4#



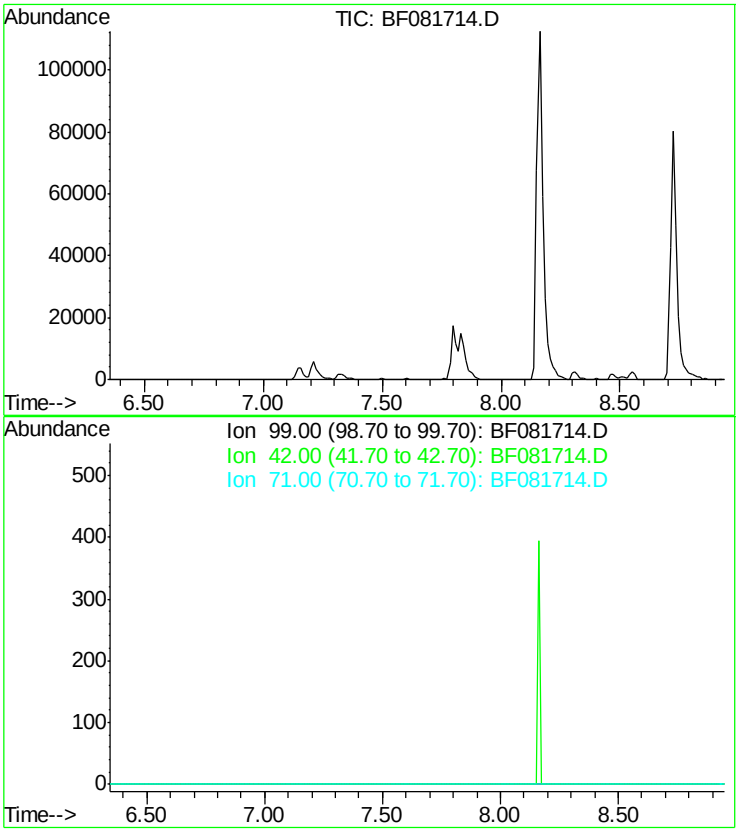


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.35 min

Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.6
63	21.7



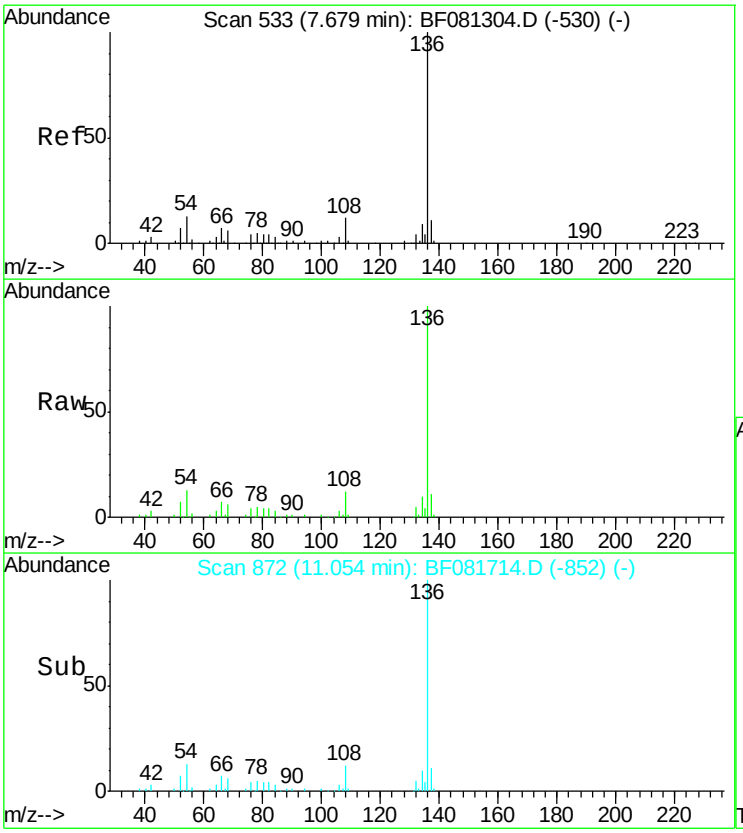
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 7.65 min

Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	17.1
71	17.7

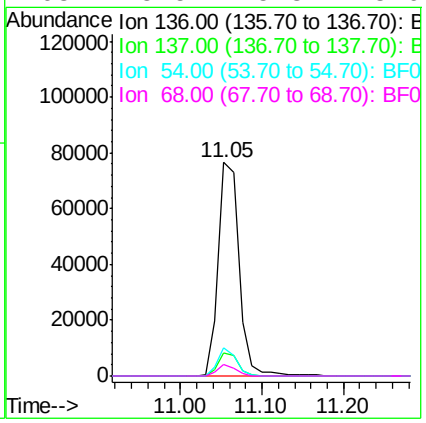
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

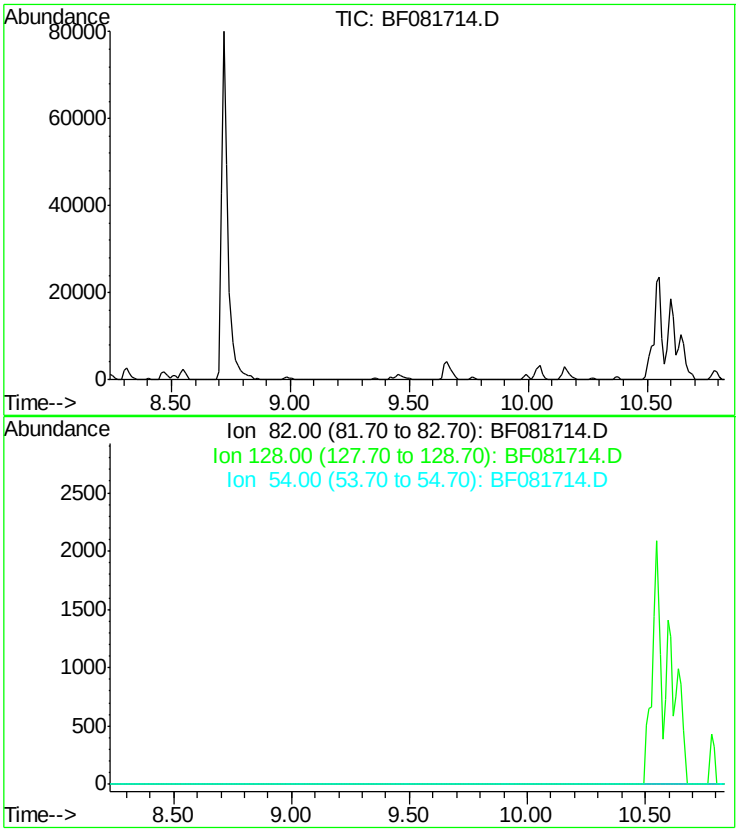


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:136 Resp: 135935

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.9	8.2	12.2#
68	5.5	5.8	8.6#





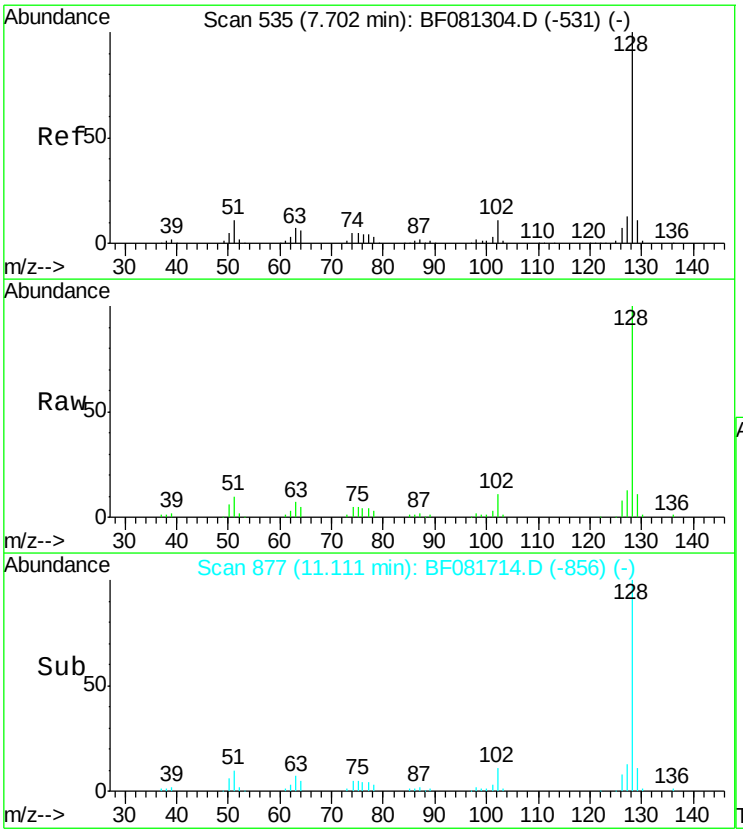
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 9.53 min

Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	63.8
54	59.4

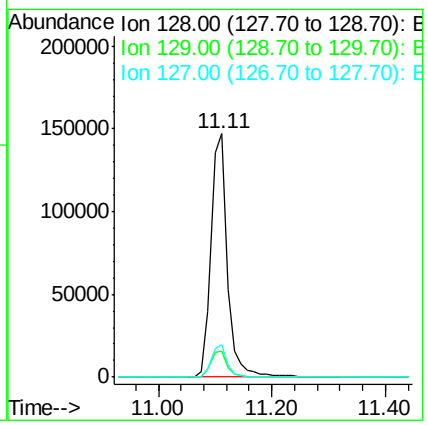
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

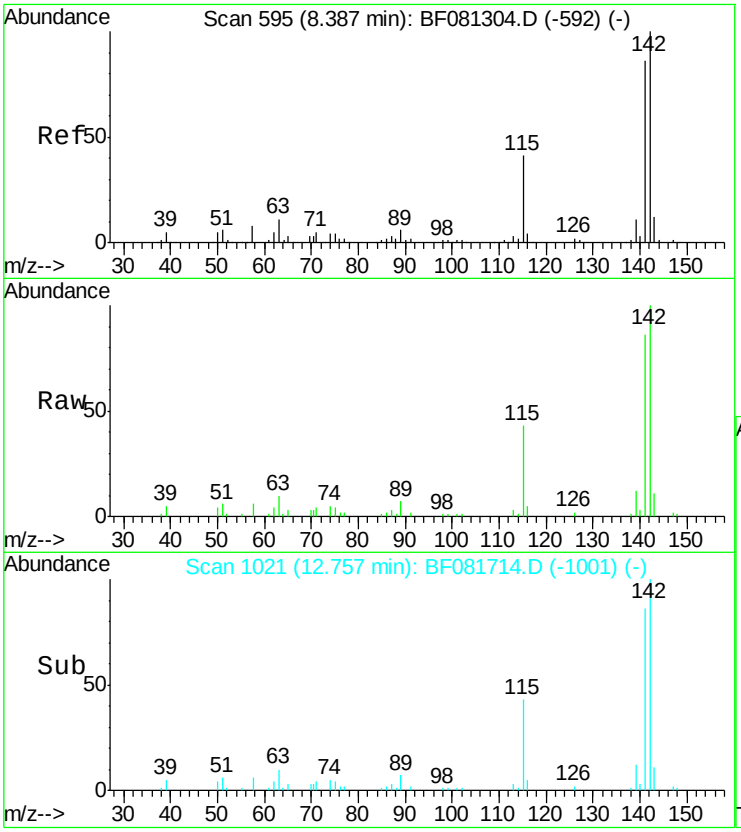


#31
Naphthalene
Concen: 39.62 ng
RT: 11.11 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:128 Resp: 287259

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	13.3	9.9	14.9



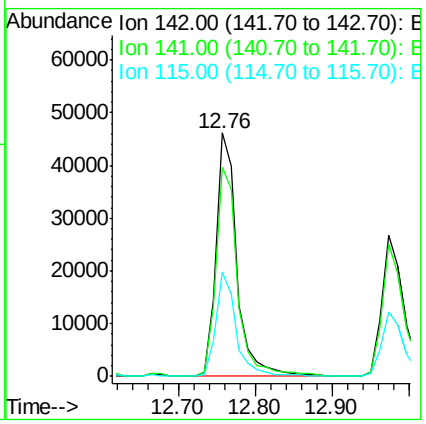


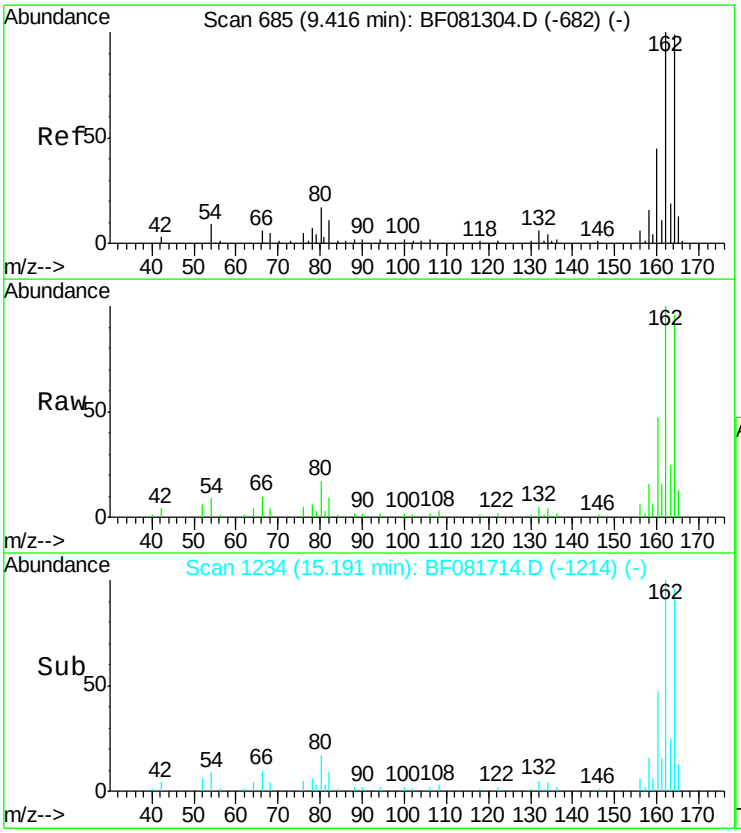
#37
2-Methylnaphthalene
Concen: 18.59 ng
RT: 12.76 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:142 Resp: 87713

Ion	Ratio	Lower	Upper
142	100		
141	86.0	67.5	101.3
115	42.9	18.2	27.2#

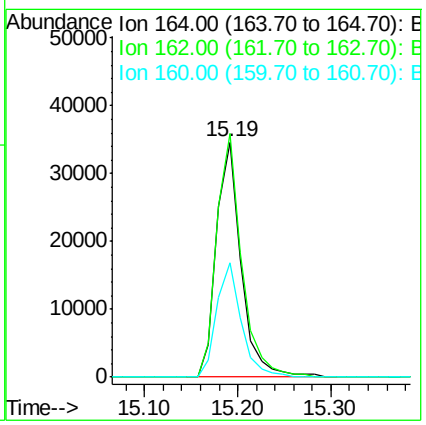


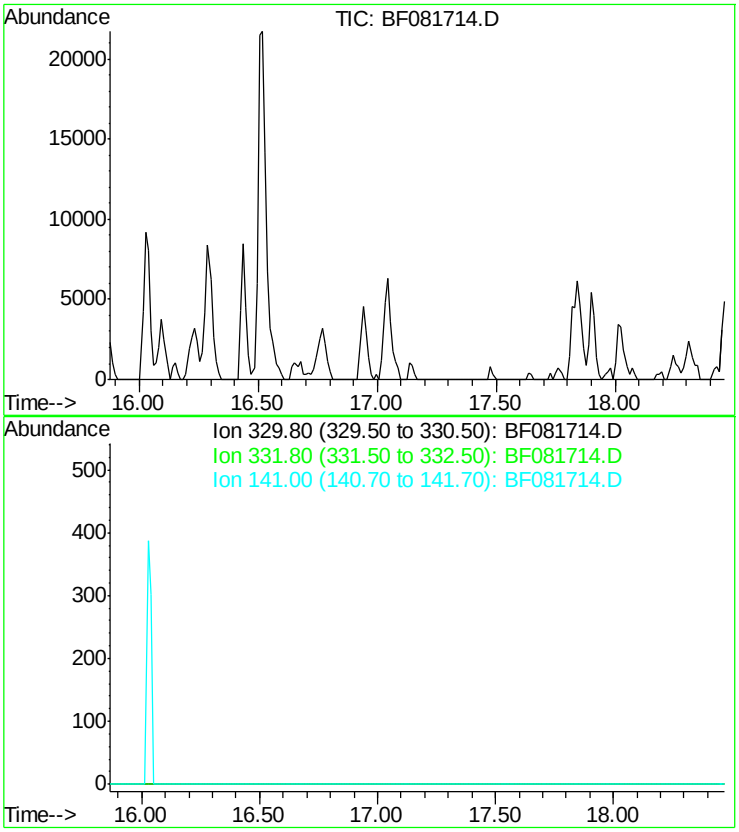


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:164 Resp: 63693

Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	48.8	31.5	47.3#





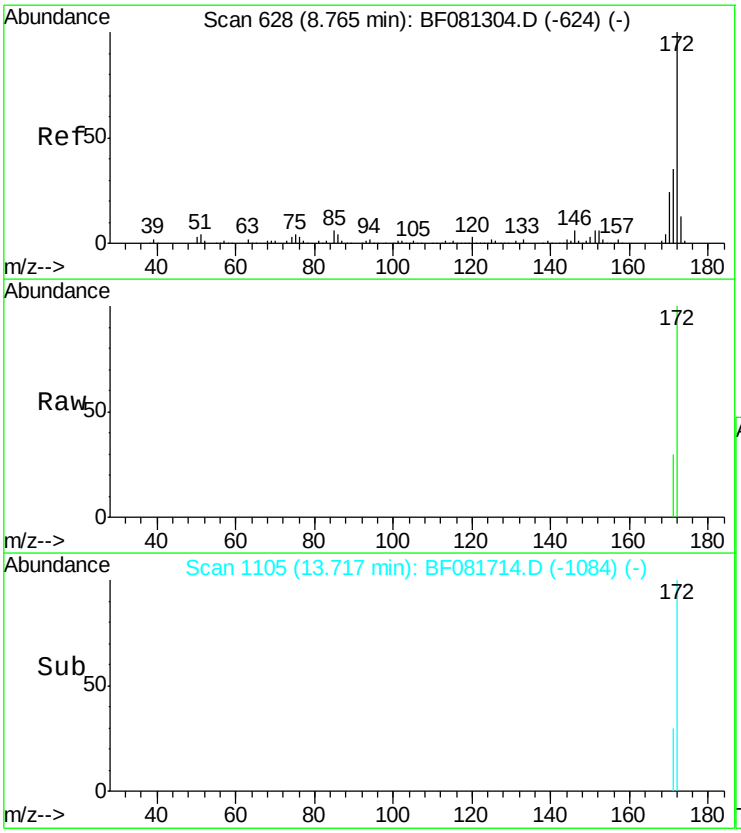
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 17.17 min

Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	37.1

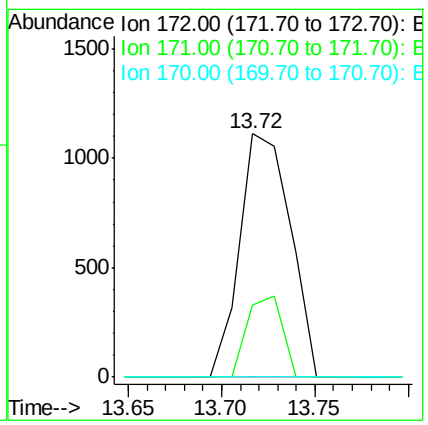
Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

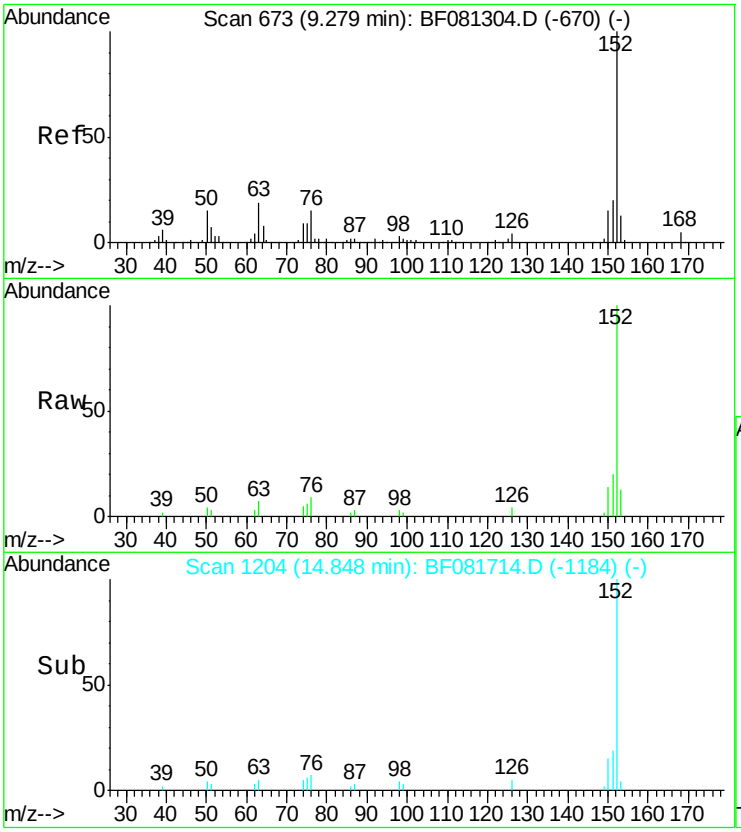


#44
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:172 Resp: 2091

Ion	Ratio	Lower	Upper
172	100		
171	29.7	26.1	39.1
170	0.0	17.4	26.2#



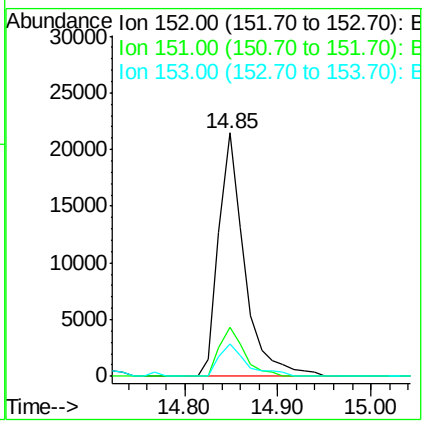


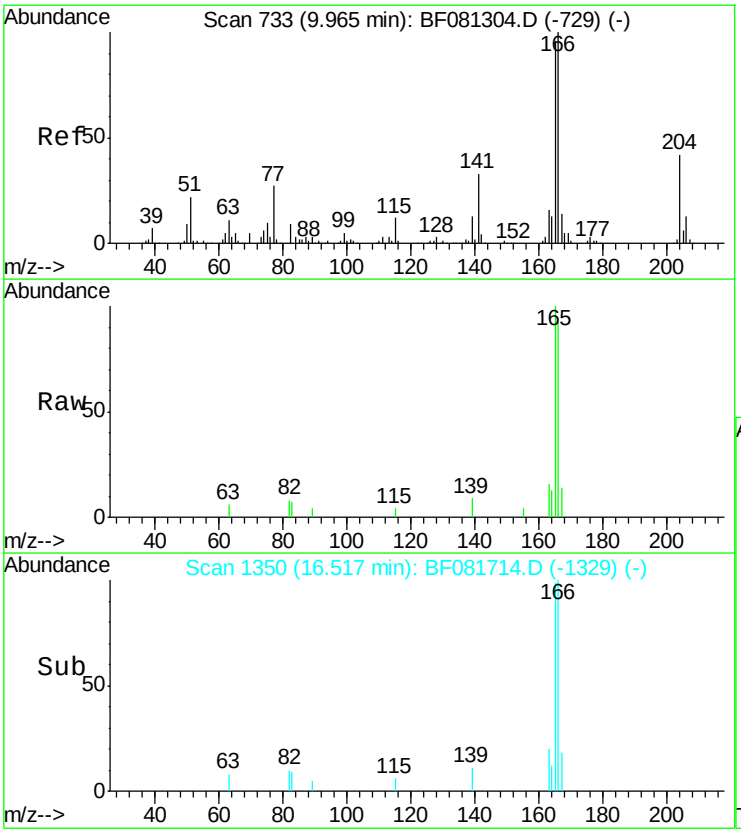
#48
Acenaphthylene
Concen: 5.48 ng
RT: 14.85 min Scan# 1204
Delta R.T. -0.07 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:152 Resp: 41152

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.3	10.3	15.5

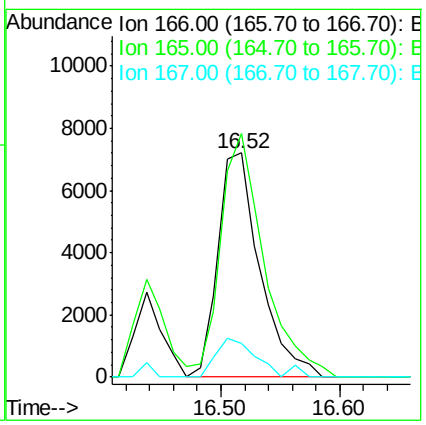


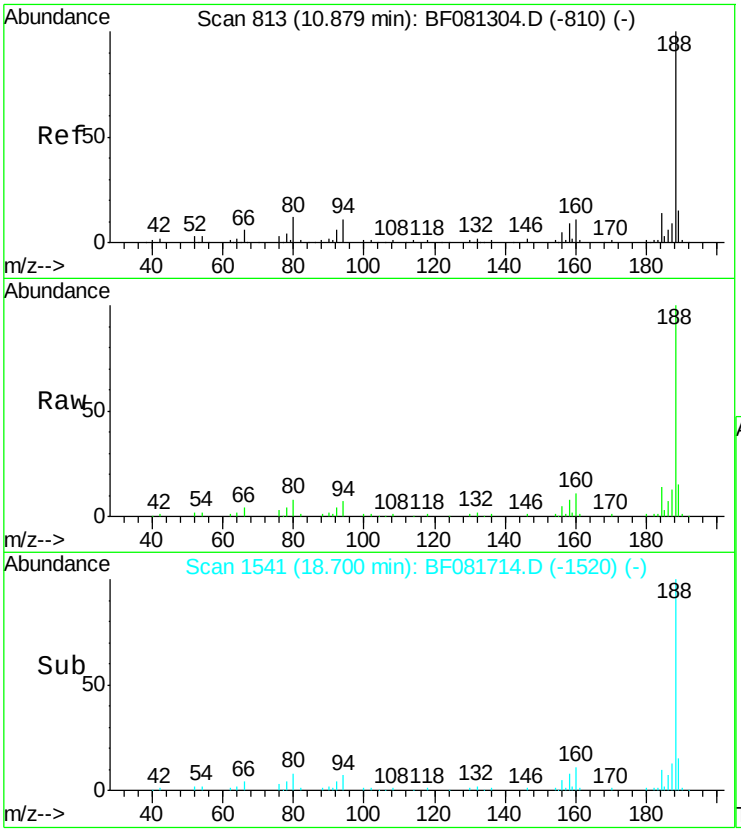


#57
Fluorene
Concen: 3.73 ng
RT: 16.52 min Scan# 1350
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:166 Resp: 17664

Ion	Ratio	Lower	Upper
166	100		
165	108.7	72.6	109.0
167	15.3	10.6	16.0



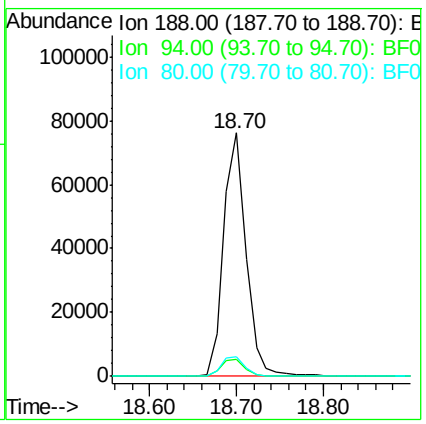


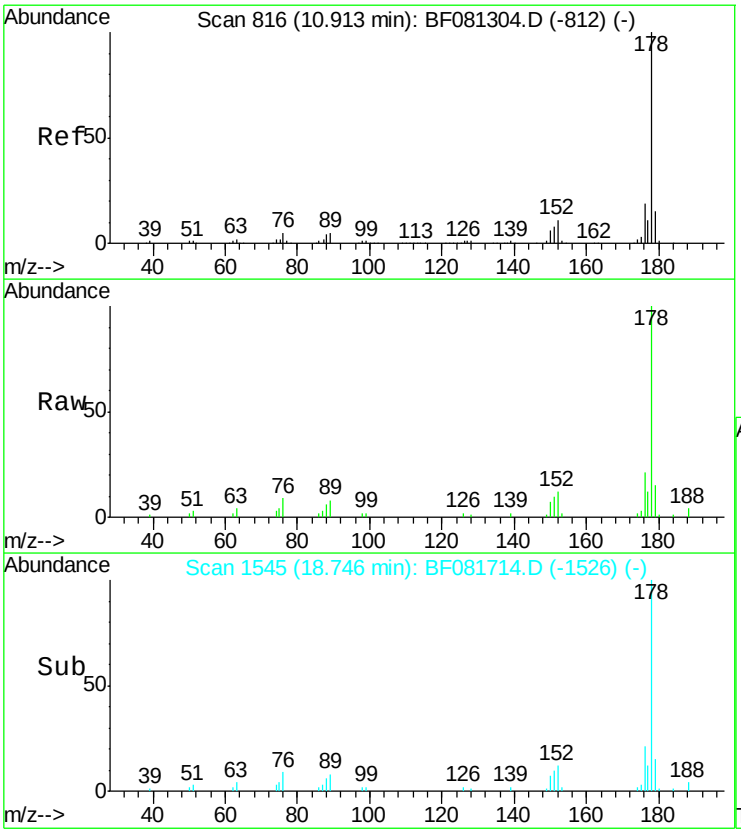
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:188 Resp: 136991

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	7.9	11.0	16.4#

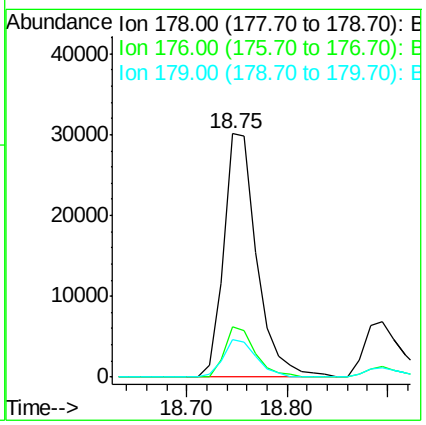


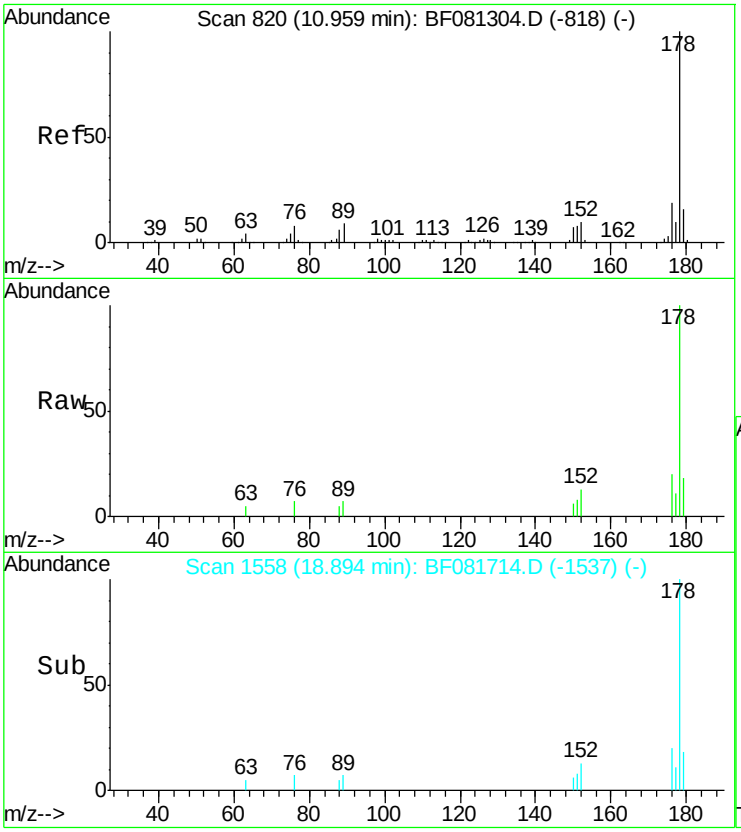


#70
Phenanthrene
Concen: 9.00 ng
RT: 18.75 min Scan# 1545
Delta R.T. -0.08 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:178 Resp: 68552

Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.8	20.8
179	15.2	12.2	18.2



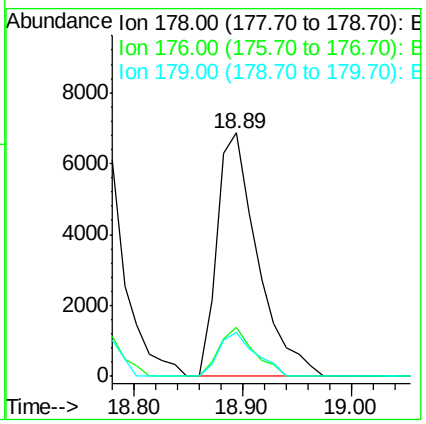


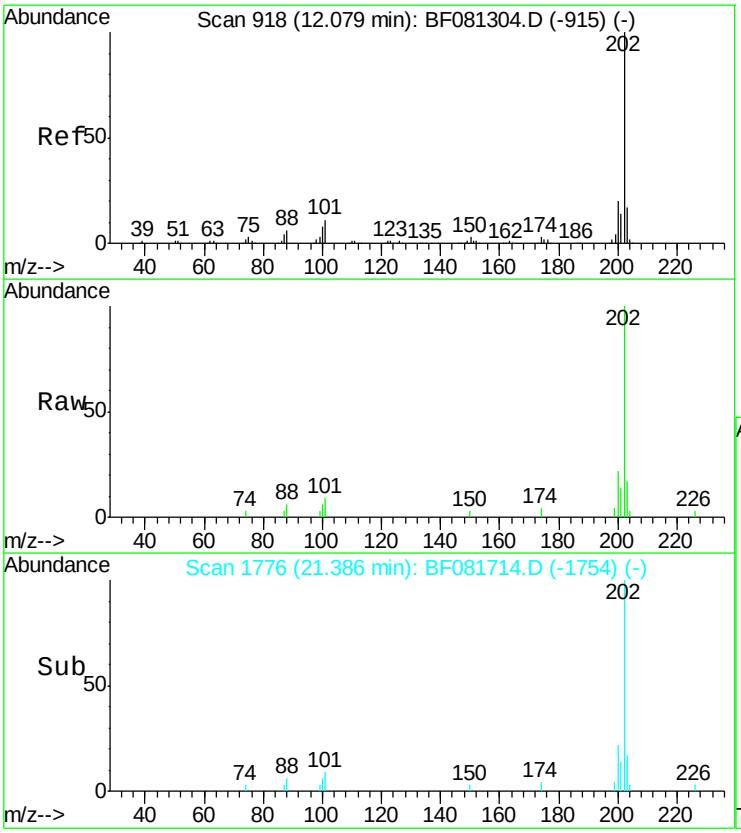
#71
Anthracene
Concen: 2.27 ng
RT: 18.89 min Scan# 1558
Delta R.T. -0.06 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:178 Resp: 17761

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.1	21.1
179	18.0	12.2	18.2

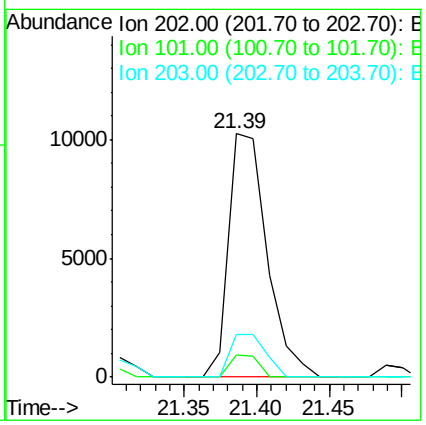


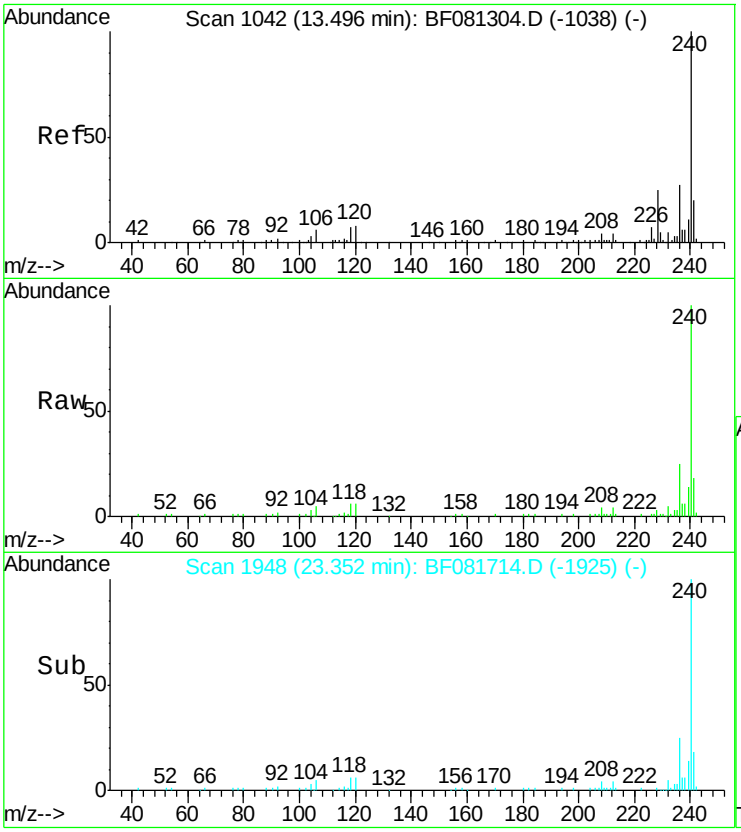


#74
Fluoranthene
Concen: 2.29 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.04 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:202 Resp: 18909

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	38.3
203	17.3	0.0	37.3



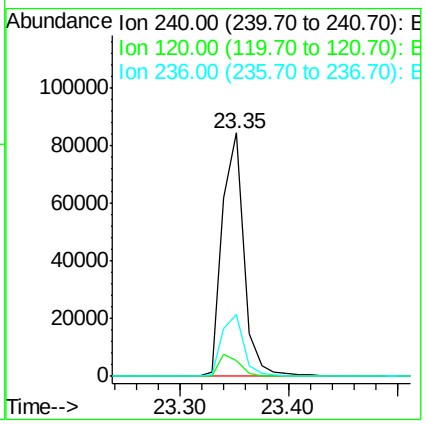


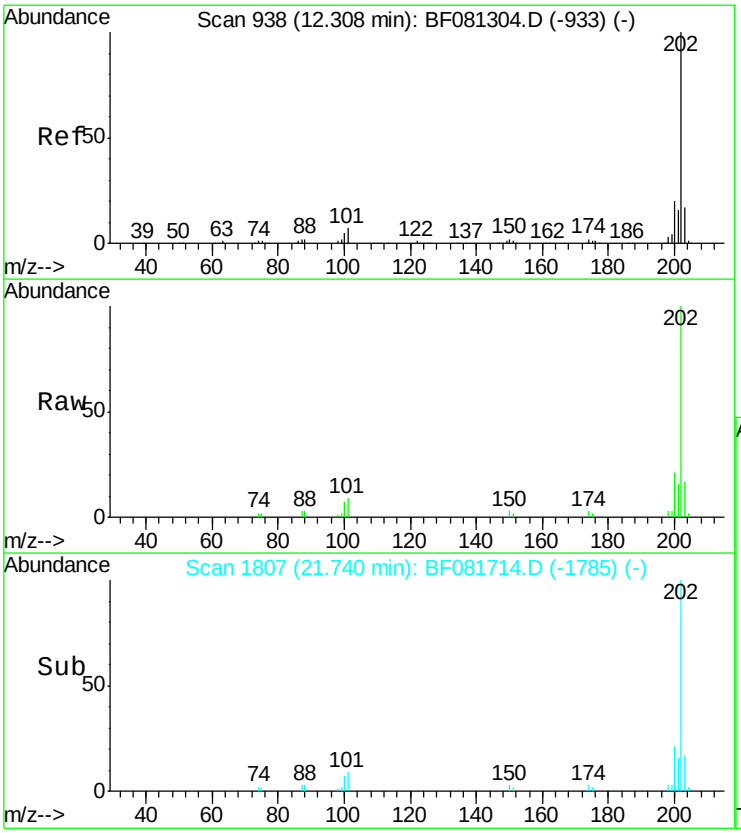
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:240 Resp: 116233

Ion	Ratio	Lower	Upper
240	100		
120	6.4	16.2	24.2#
236	25.3	18.4	27.6

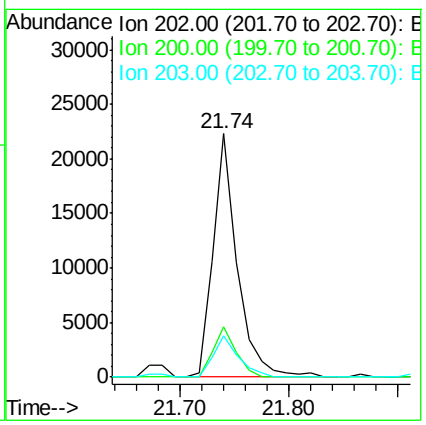


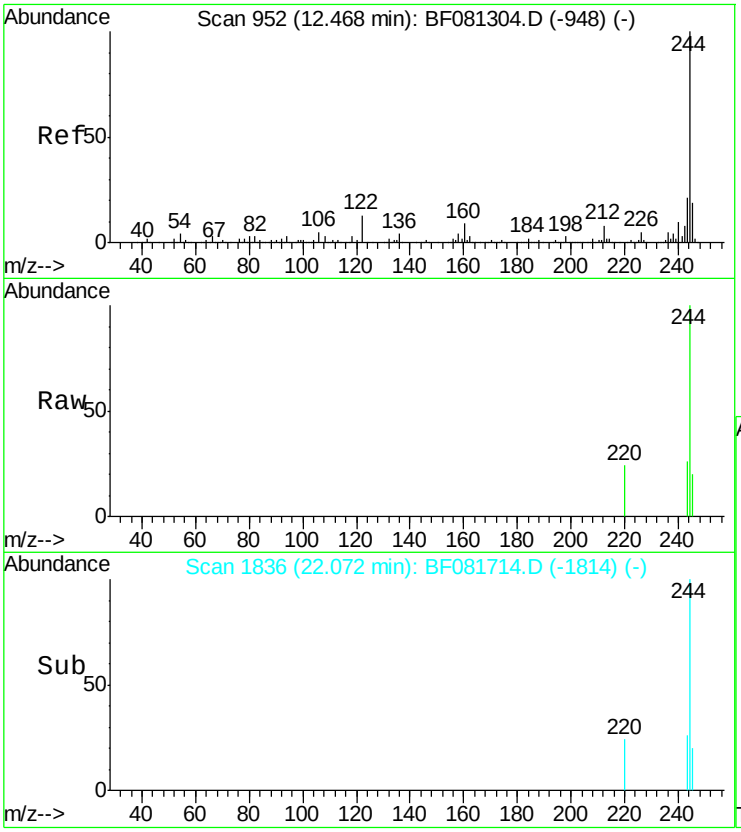


#77
Pyrene
Concen: 4.00 ng
RT: 21.74 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:202 Resp: 34422

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.0	22.4
203	17.0	14.1	21.1



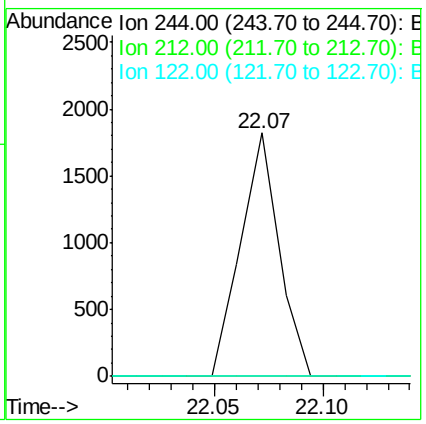


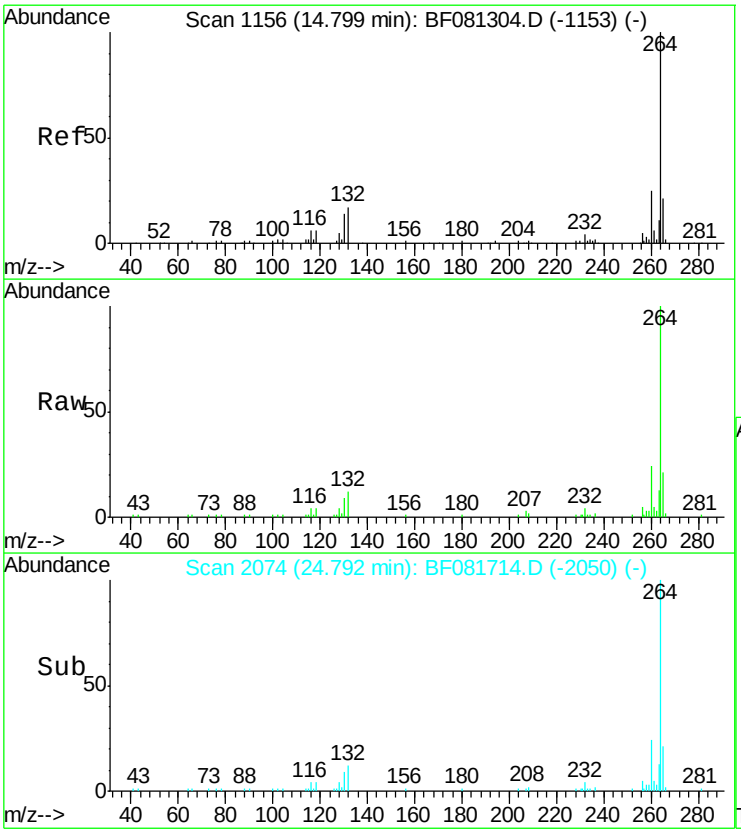
#78
Terphenyl-d14
Concen: 0.45 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Instrument :
BNA_F
ClientSampleId :
MGP204(20-22)DL3

Tgt Ion:244 Resp: 2238

Ion	Ratio	Lower	Upper
244	100		
212	0.0	4.3	6.5#
122	0.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081714.D
Acq: 21 Sep 2015 14:45

Tgt Ion:264 Resp: 81276

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	20.6	17.2	25.8