Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083214.D
Acq On : 23 Nov 2015 20:10
Operator : UM/IZ
Sample : G4443-04DL2 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151110MGP206BRV40DL2

Quant Time: Nov 24 06:02:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	198261	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	751578	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	376257	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	690068	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	543121	20.00	ng	-0.03
86) Perylene-d12	15.13	264	429632	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	8942	0.68	ng	-0.01
7) Phenol-d6	6.33	99	8510	0.50	ng	-0.01
23) Nitrobenzene-d5	7.21	82	28121	1.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	4508	1.17	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	55564	2.06	ng	-0.02
78) Terphenyl-d14	12.73	244	35667	1.55	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.95	128	3034018	74.80	ng	95
37) 2-Methylnaphthalene	8.64	142	277521	10.54	ng	97
48) Acenaphthylene	9.53	152	144866	3.72	ng	97

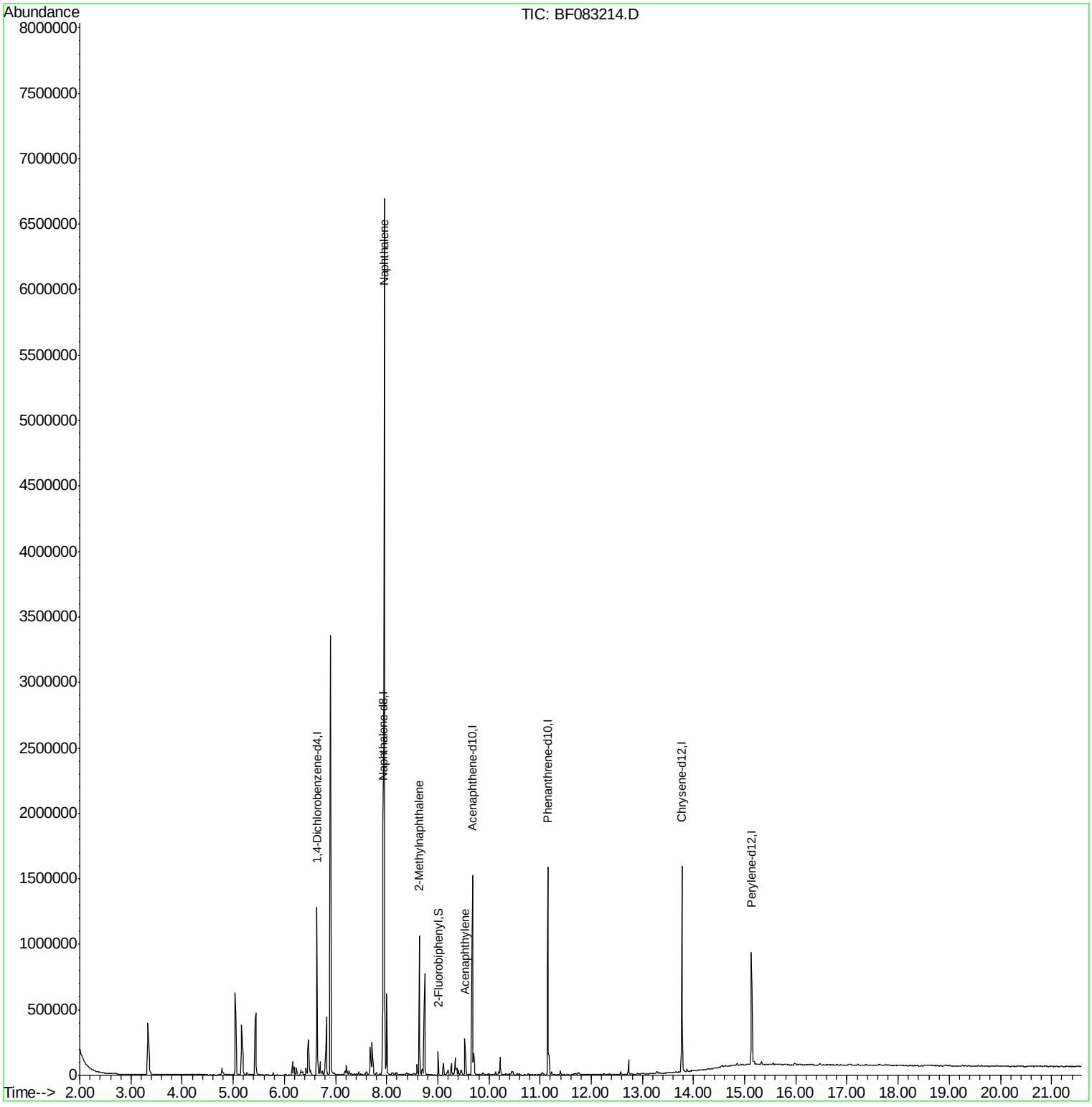
(#) = qualifier out of range (m) = manual integration (+) = signals summed

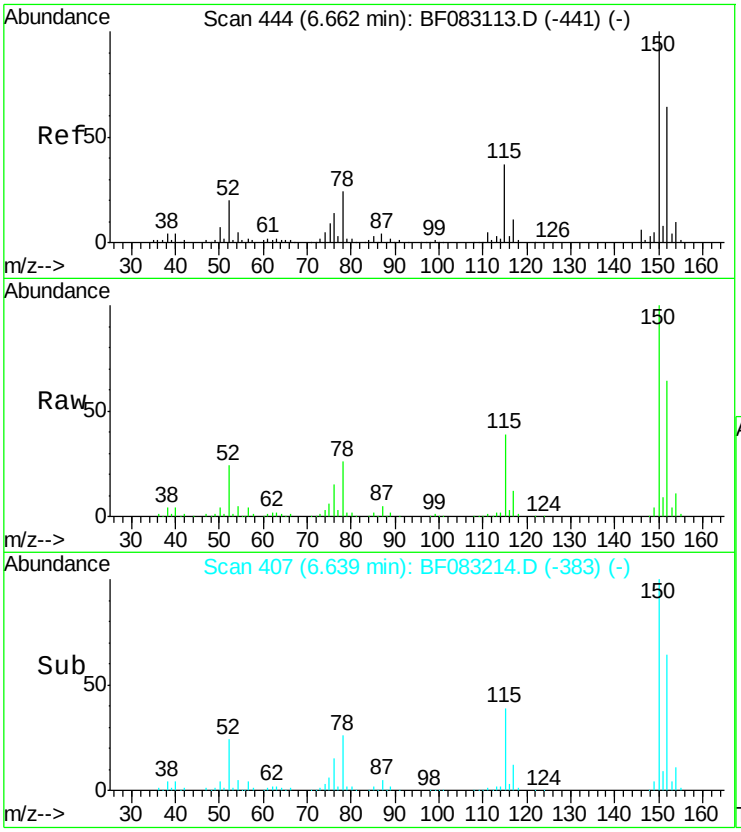
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083214.D
Acq On : 23 Nov 2015 20:10
Operator : UM/IZ
Sample : G4443-04DL2 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Quant Time: Nov 24 06:02:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



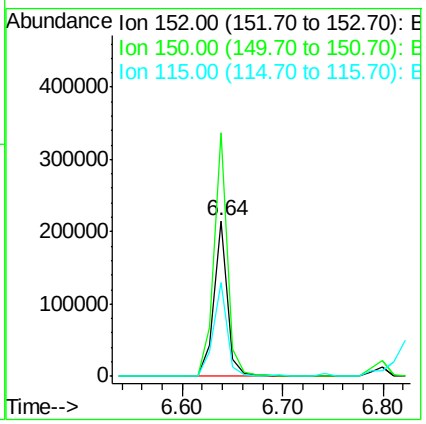


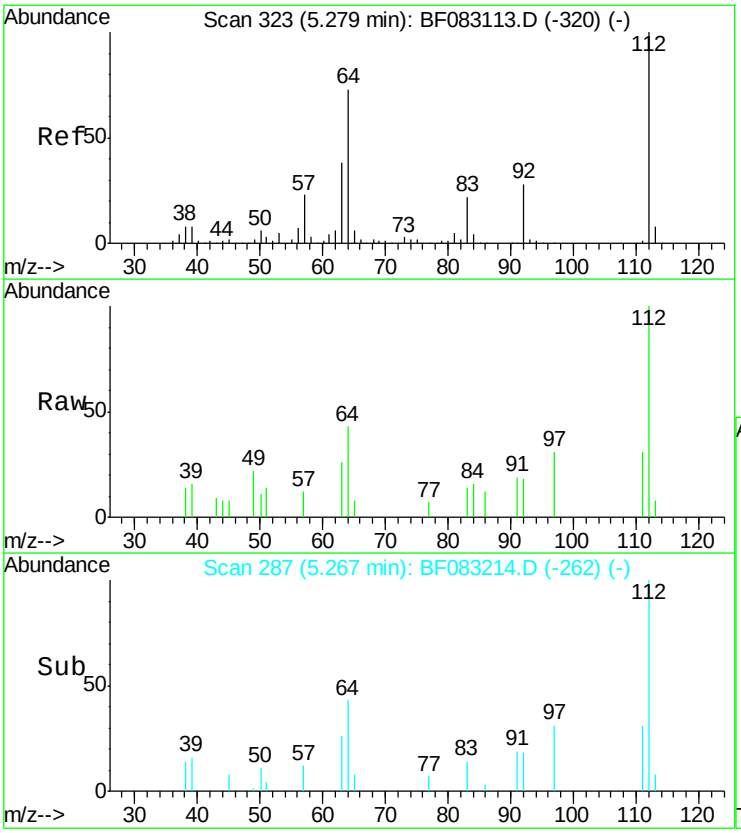
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:152 Resp: 198261

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.8
115	60.6	46.9	70.3

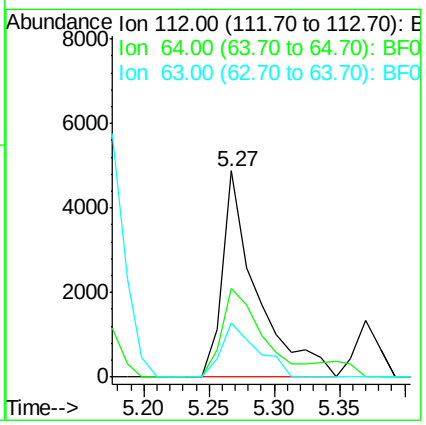


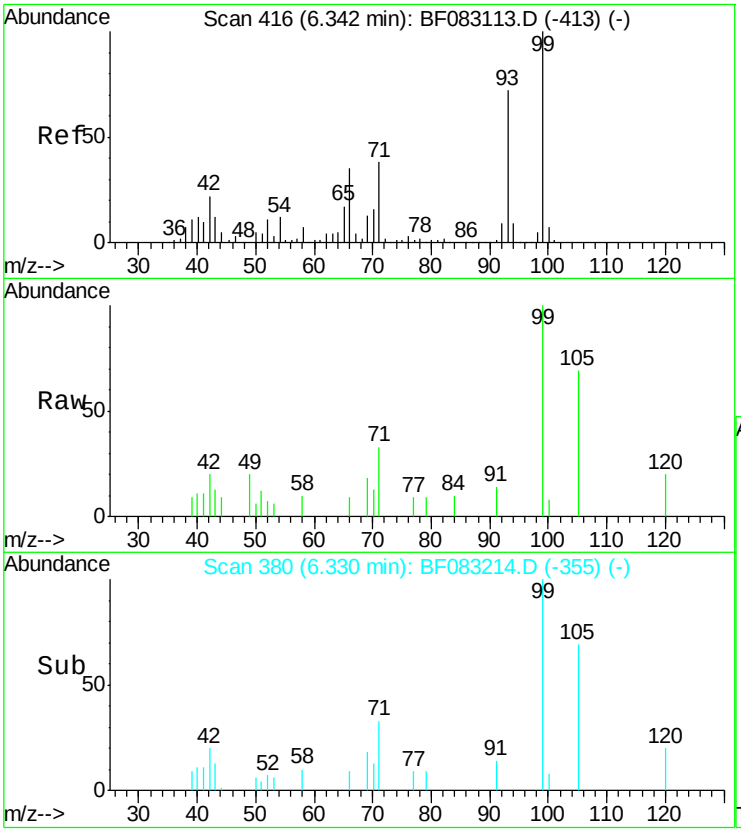


#5
2-Fluorophenol
Concen: 0.68 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:112 Resp: 8942

Ion	Ratio	Lower	Upper
112	100		
64	42.9	58.4	87.6#
63	26.0	30.0	45.0#



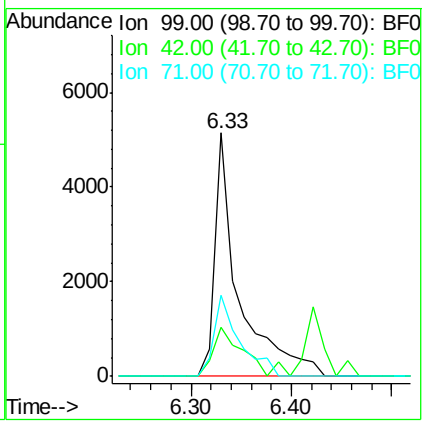


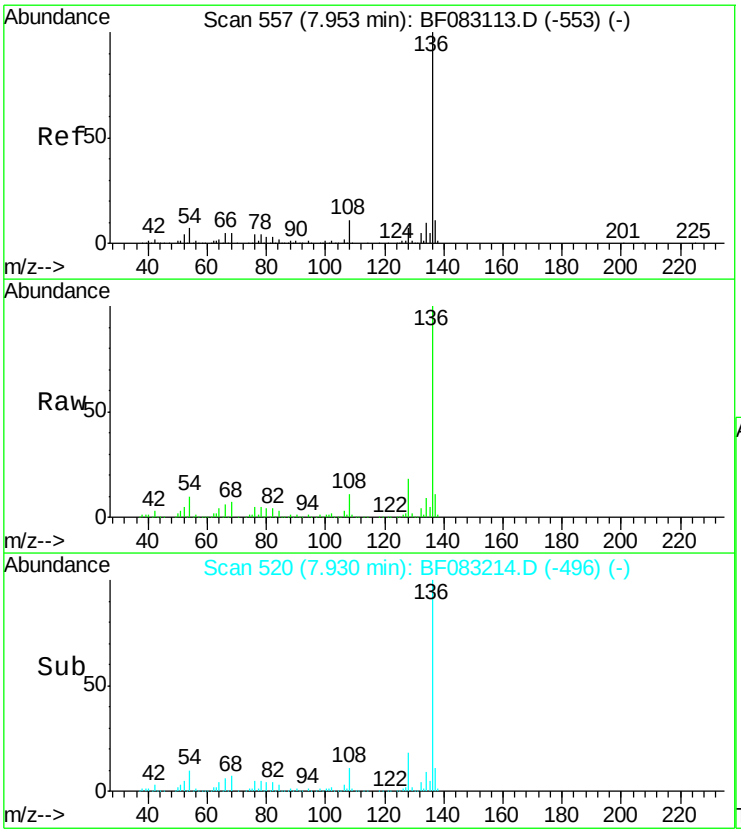
#7
Phenol-d6
Concen: 0.50 ng
RT: 6.33 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion: 99 Resp: 8510

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.7	26.5
71	33.3	30.2	45.4

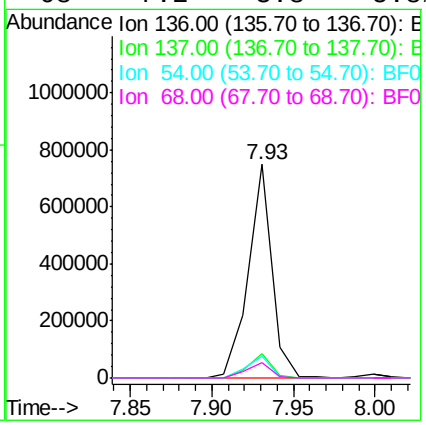


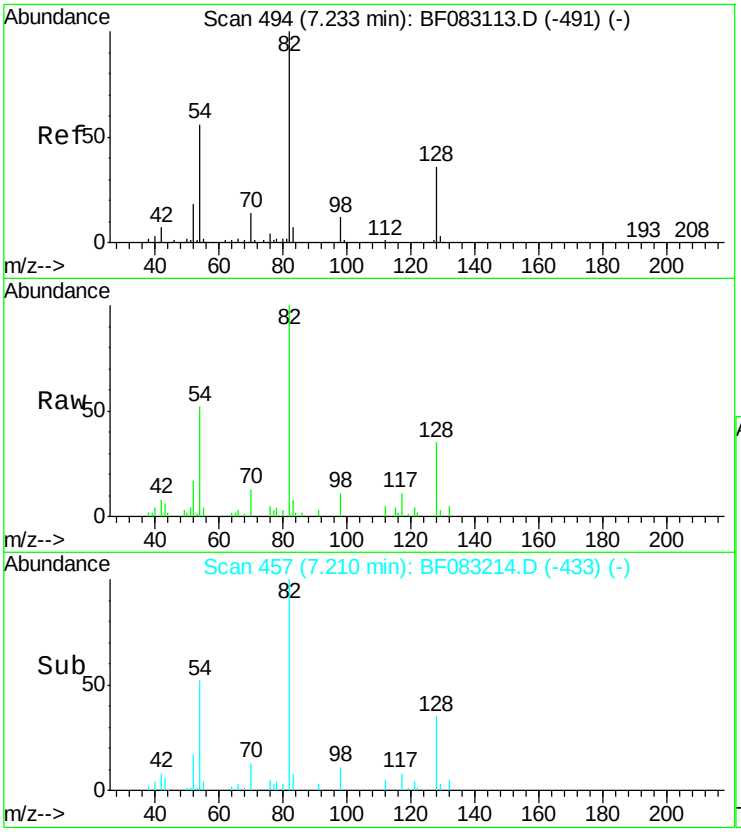


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:136 Resp: 751578

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.9	5.8	8.6#
68	7.2	3.8	5.8#



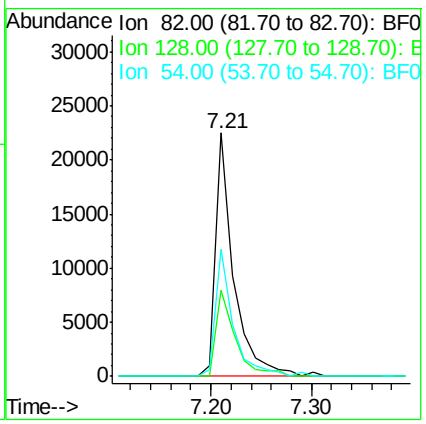


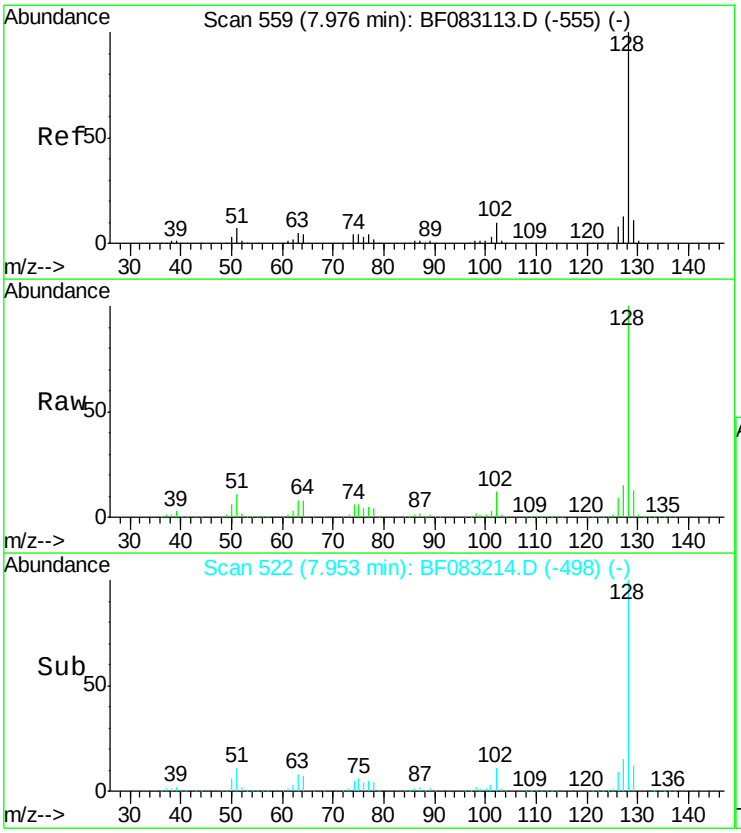
#23
Nitrobenzene-d5
Concen: 1.71 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion: 82 Resp: 28121

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.5	42.7
54	52.2	44.6	67.0

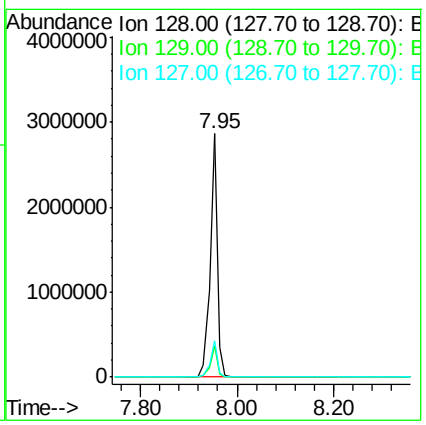


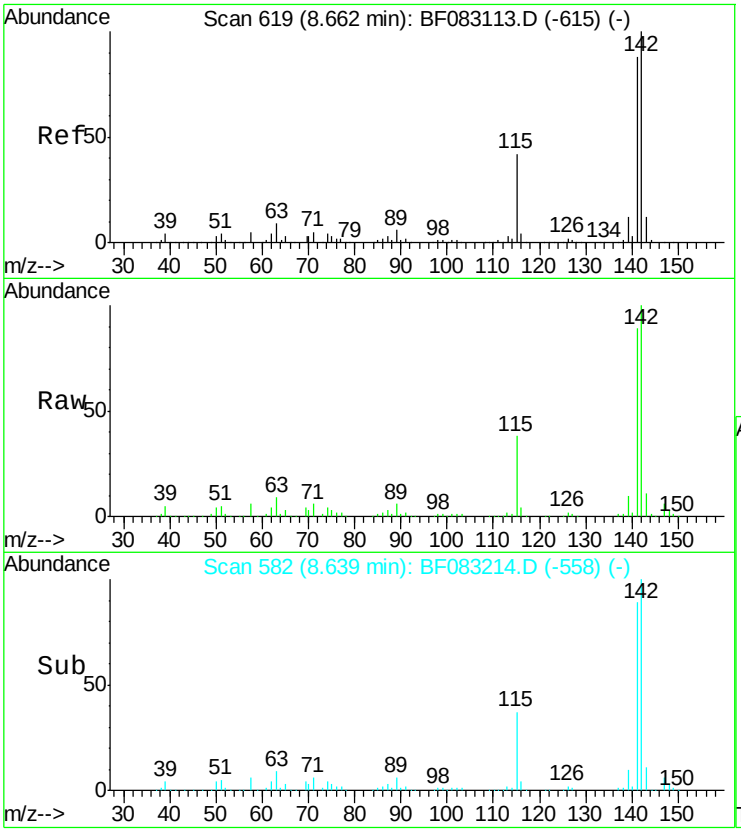


#31
Naphthalene
Concen: 74.80 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:128 Resp: 3034018

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.4
127	15.1	10.6	15.8



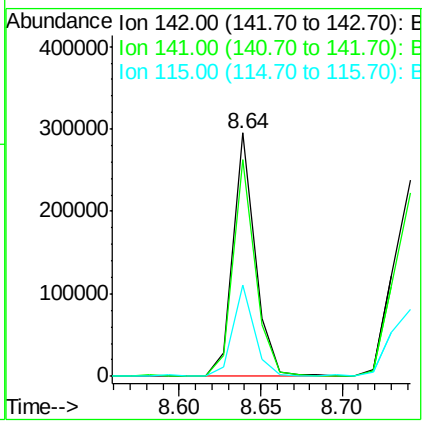


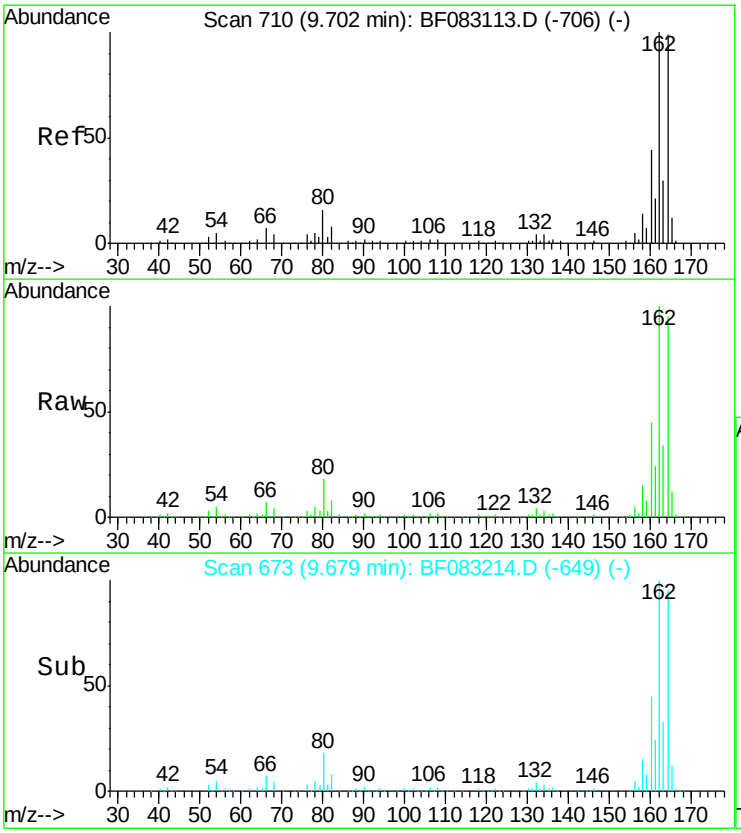
#37
2-Methylnaphthalene
Concen: 10.54 ng
RT: 8.64 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:142 Resp: 277521

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	37.6	33.4	50.2

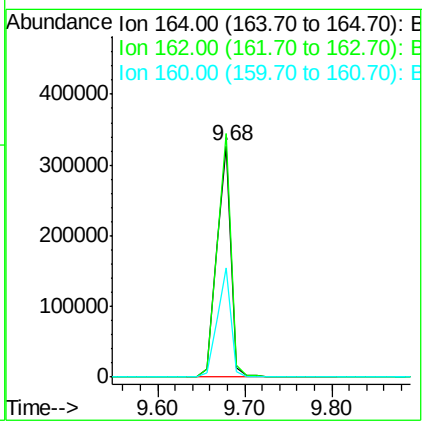


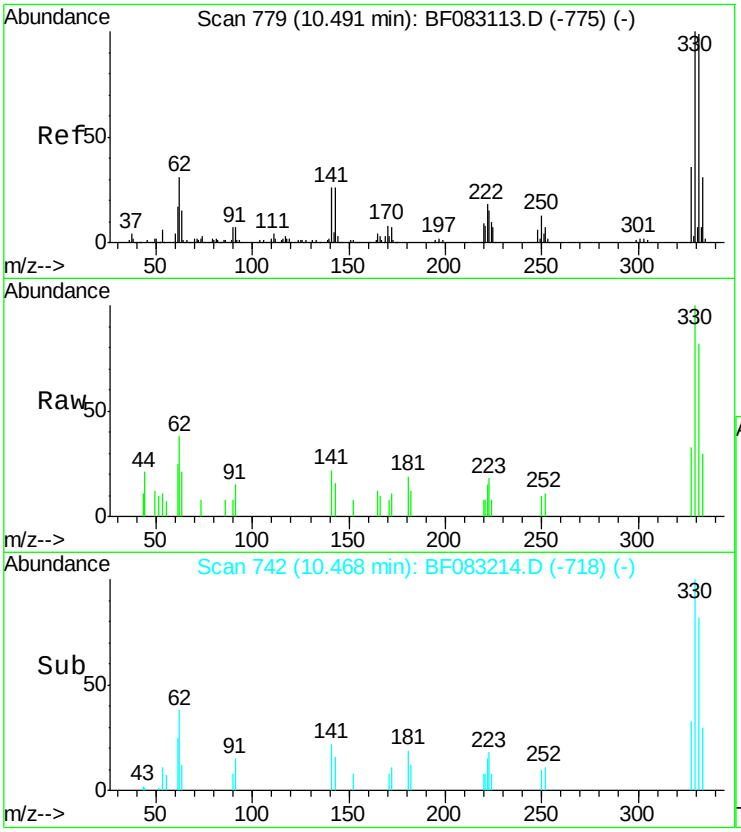


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:164 Resp: 376257

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.2	121.8
160	47.0	35.6	53.4



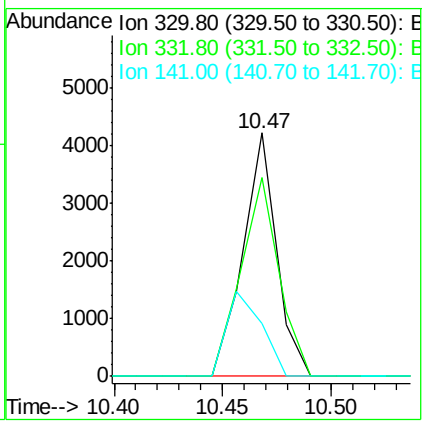


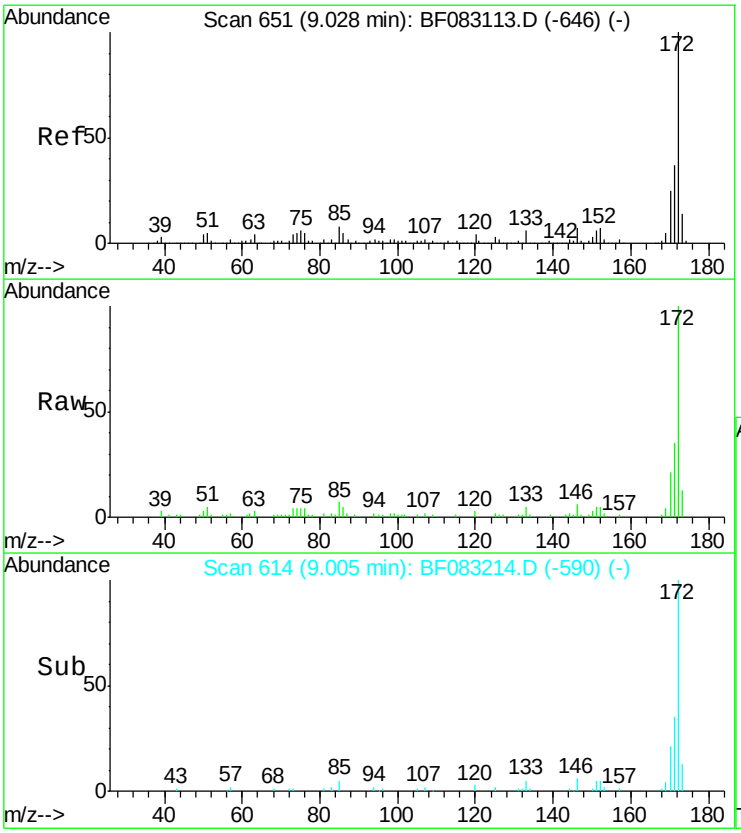
#41
2,4,6-Tribromophenol
Concen: 1.17 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:330 Resp: 4508

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.7	116.5
141	36.4	29.7	44.5

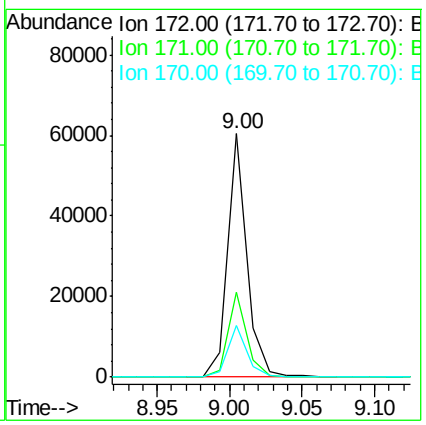


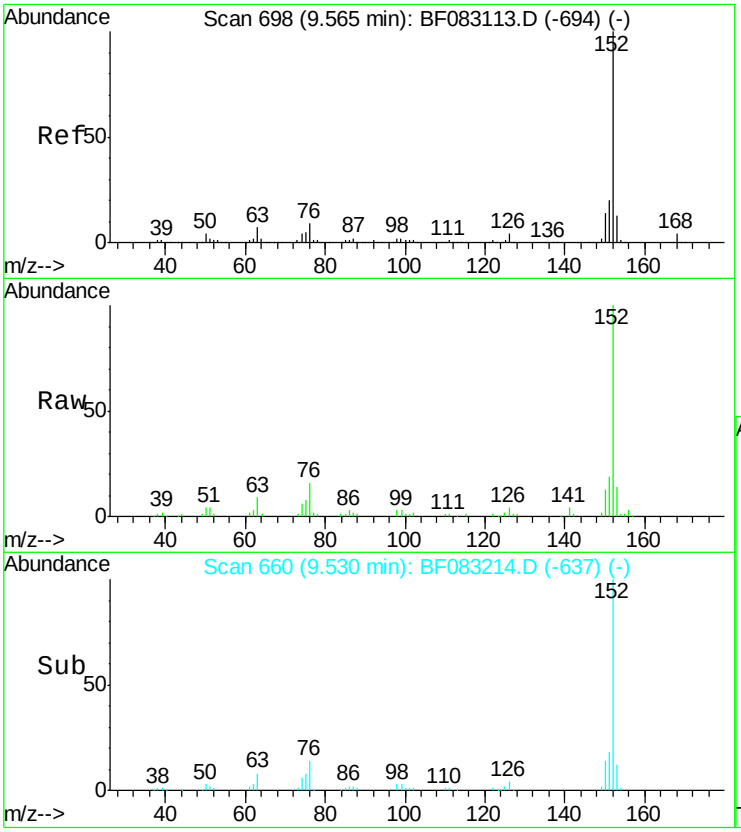


#44
2-Fluorobiphenyl
Concen: 2.06 ng
RT: 9.00 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:172 Resp: 55564

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.5	44.3
170	21.1	19.9	29.9



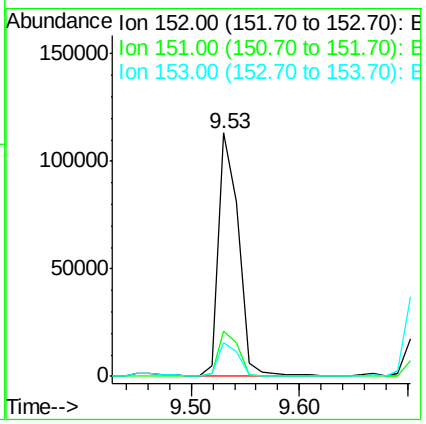


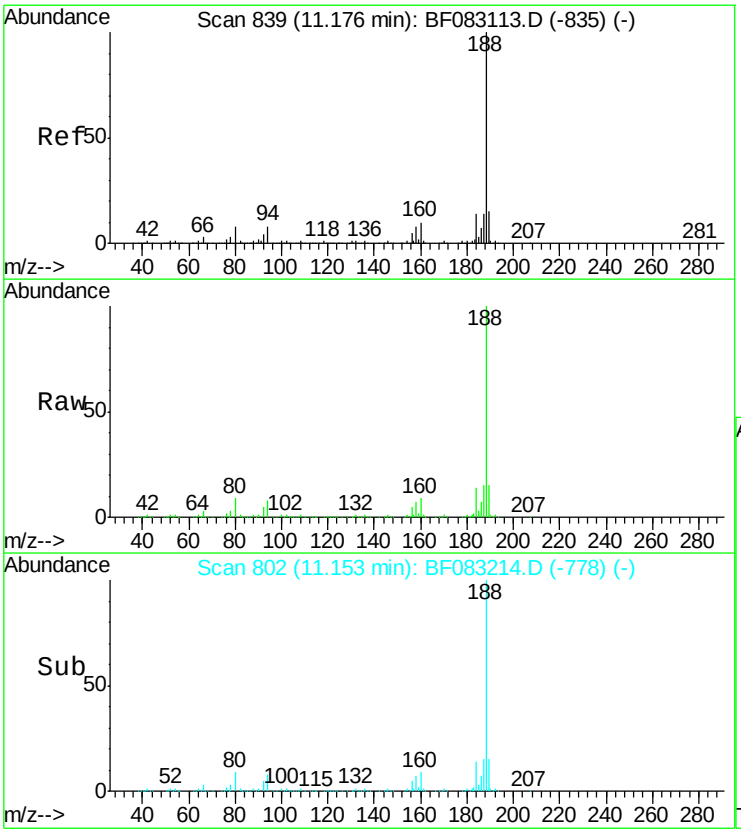
#48
Acenaphthylene
Concen: 3.72 ng
RT: 9.53 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:152 Resp: 144866

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	13.8	10.8	16.2

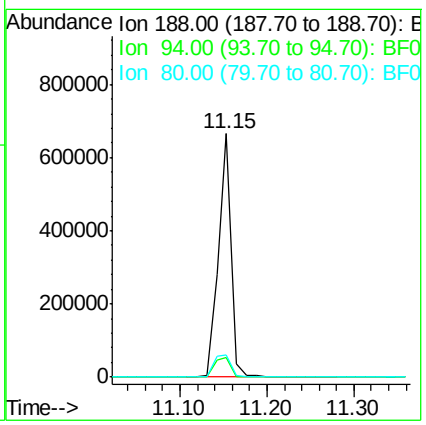


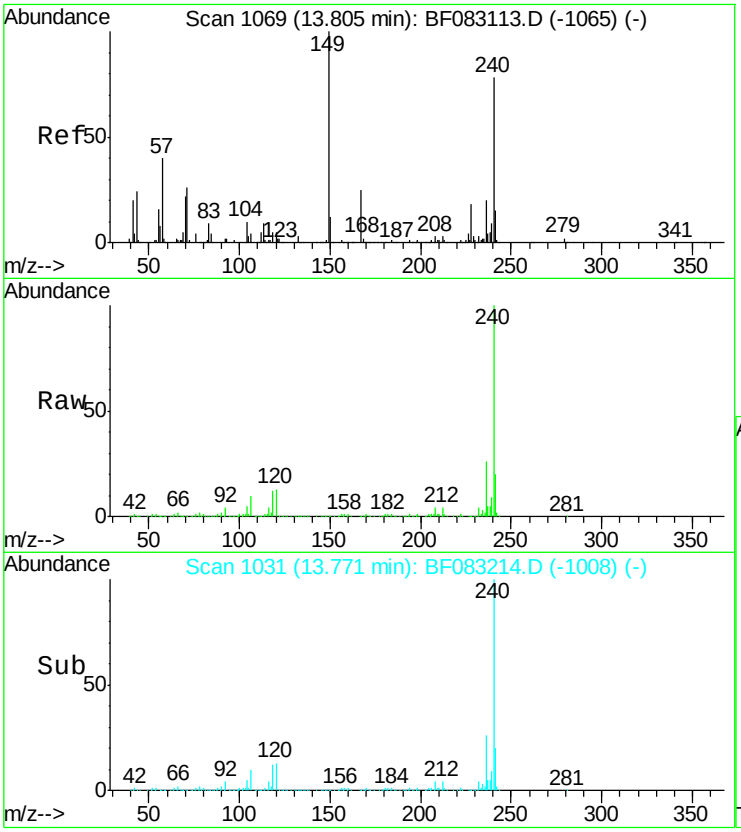


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:188 Resp: 690068

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.0	9.0
80	9.2	6.7	10.1



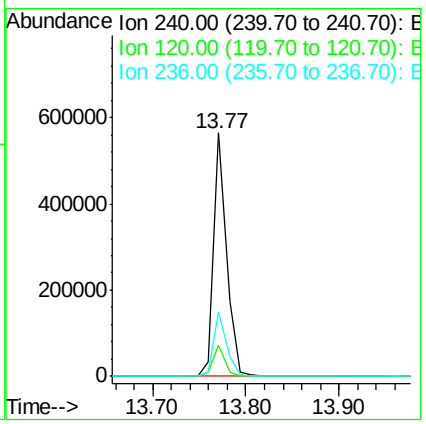


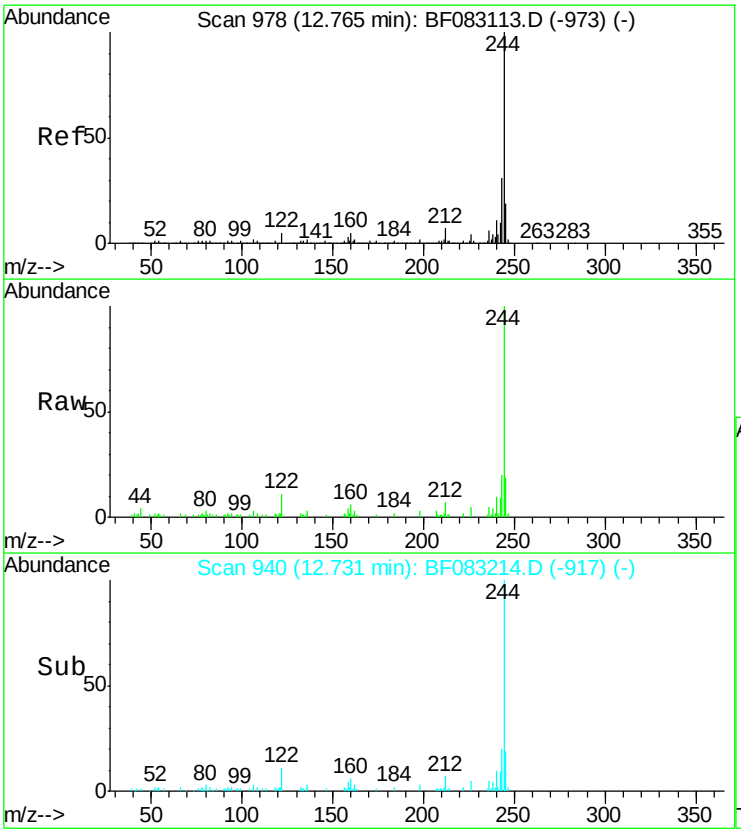
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:240 Resp: 543121

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.4	8.2#
236	26.3	20.6	31.0

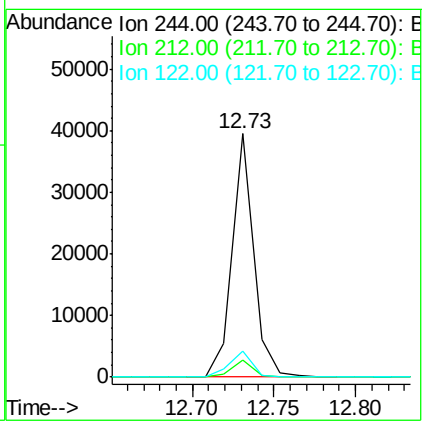


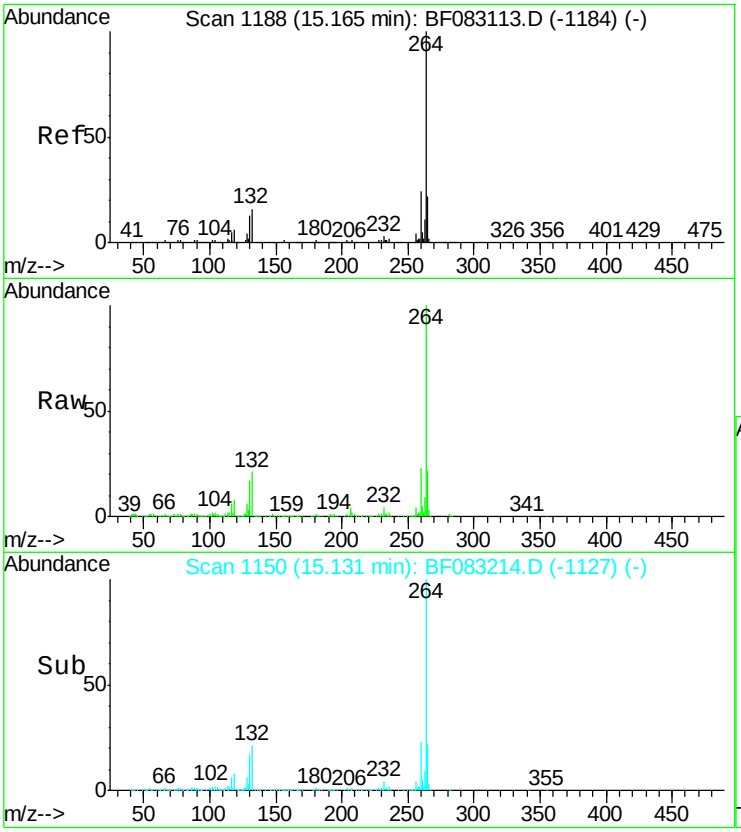


#78
Terphenyl-d14
Concen: 1.55 ng
RT: 12.73 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Tgt Ion:244 Resp: 35667

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.8	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF083214.D
Acq: 23 Nov 2015 20:10

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40DL2

Tgt Ion:264 Resp: 429632

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	22.0	18.2	27.4