Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081787.D
Acq On : 25 Sep 2015 4:37
Operator : UM/IZ
Sample : G3708-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP201-36-38

Quant Time: Sep 25 07:18:04 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 07:13:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	139255	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	527483	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271504	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	529906	20.00	ng	0.00
75) Chrysene-d12	14.12	240	399369	20.00	ng	0.00
86) Perylene-d12	15.58	264	318722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1025174	124.54	ng	0.01
7) Phenol-d6	6.57	99	1187133	114.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	787822	98.54	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	311848	132.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1389635	84.02	ng	0.00
78) Terphenyl-d14	13.06	244	1349572	77.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	448174	21.69	ng	# 97
69) Pentachlorophenol	11.27	266	800	5.86	ng	84

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

Quantitation Report (QT/LSC Reviewed)

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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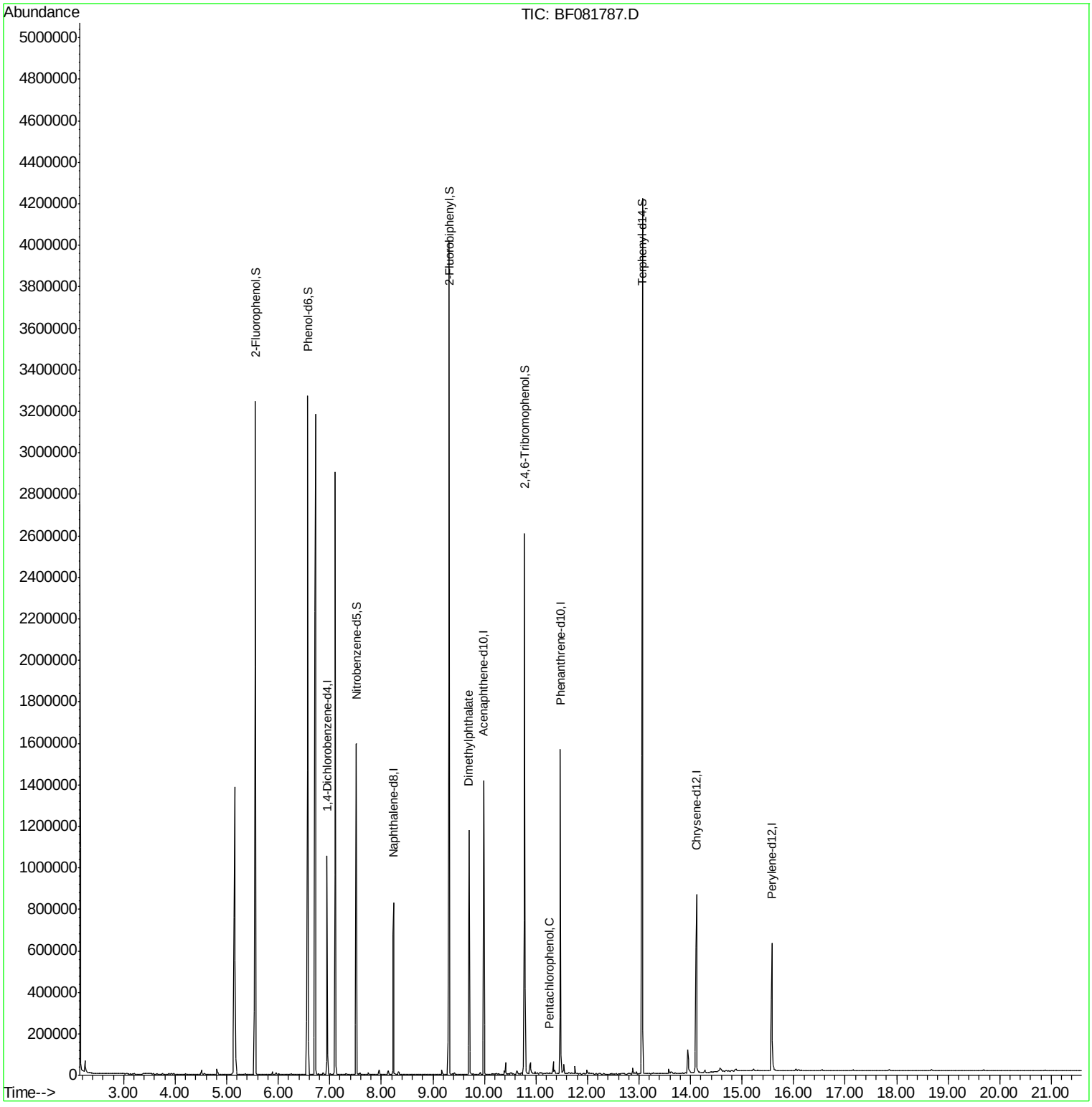
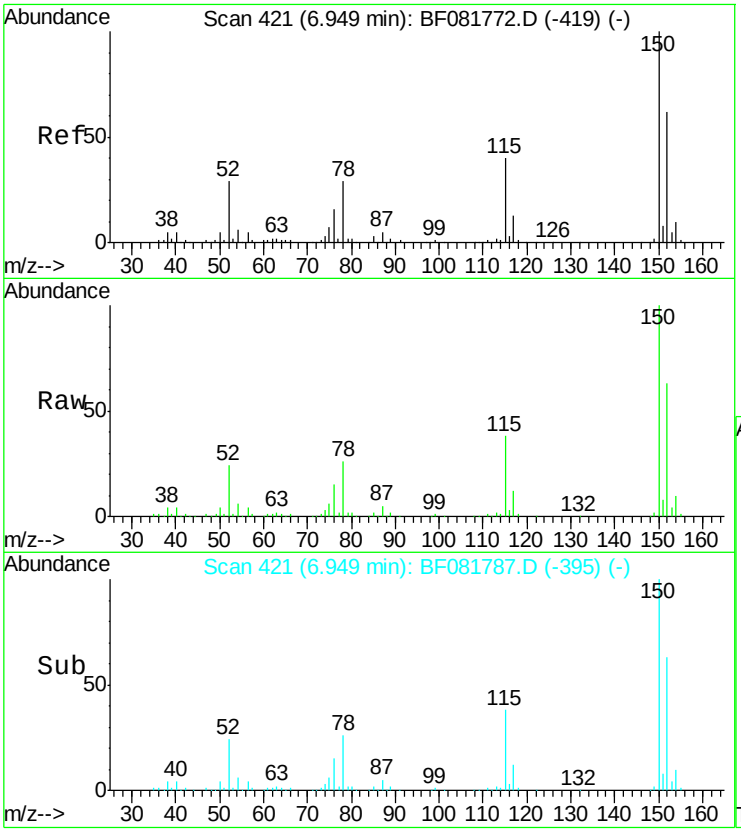


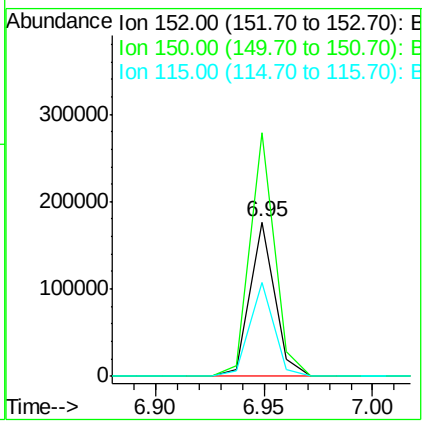


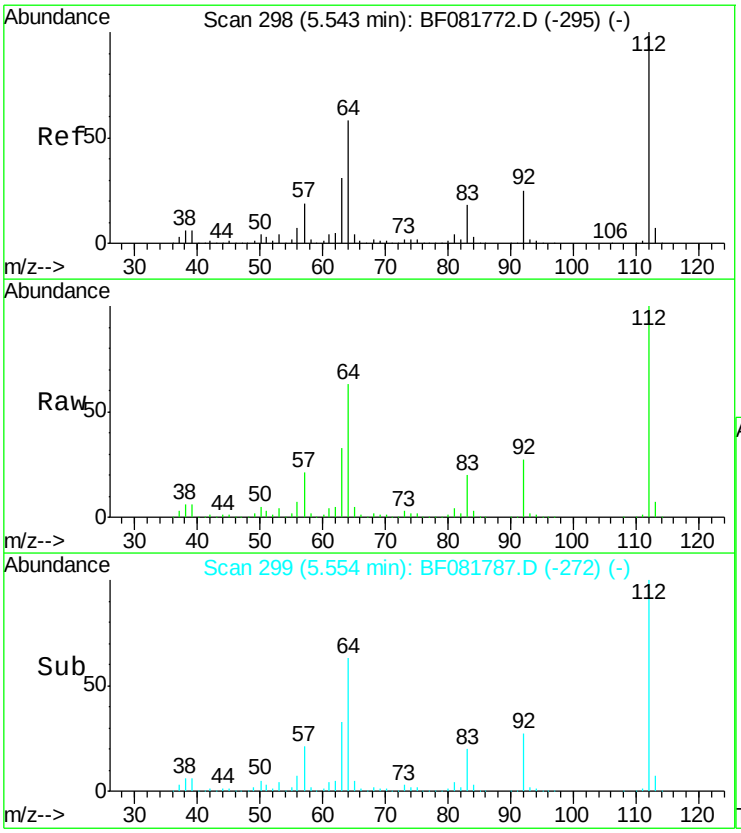
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion:152 Resp: 139255

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	60.8	39.0	58.4#

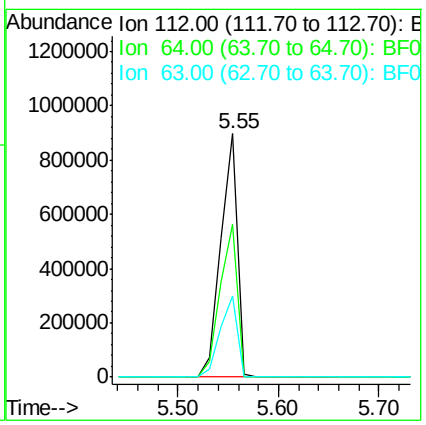


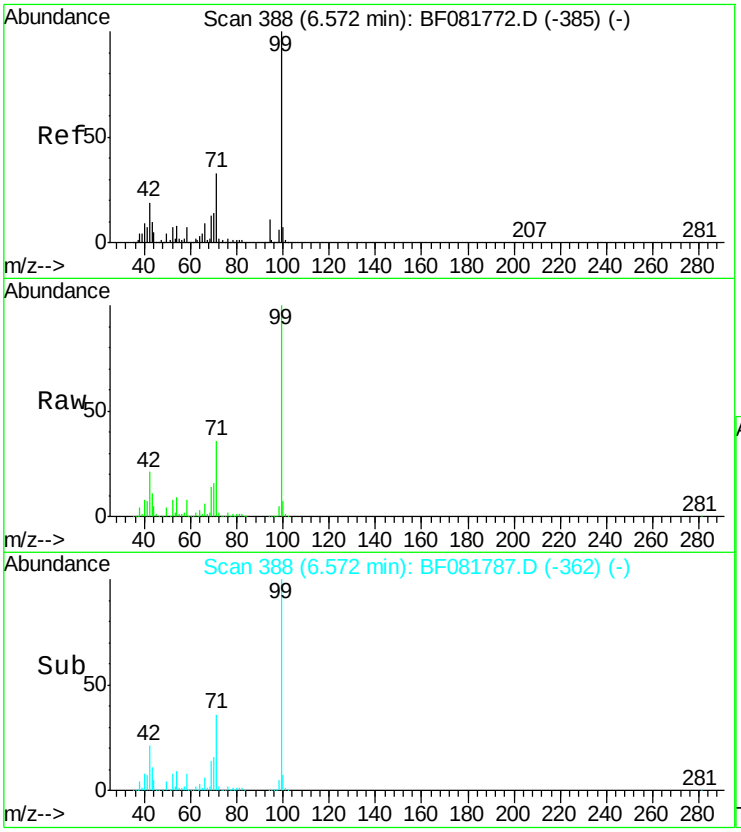


#5
2-Fluorophenol
Concen: 124.54 ng
RT: 5.55 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:112 Resp: 1025174

Ion	Ratio	Lower	Upper
112	100		
64	62.5	39.7	59.5#
63	33.4	17.4	26.0#



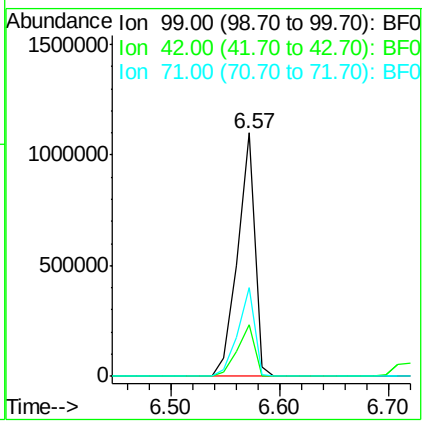


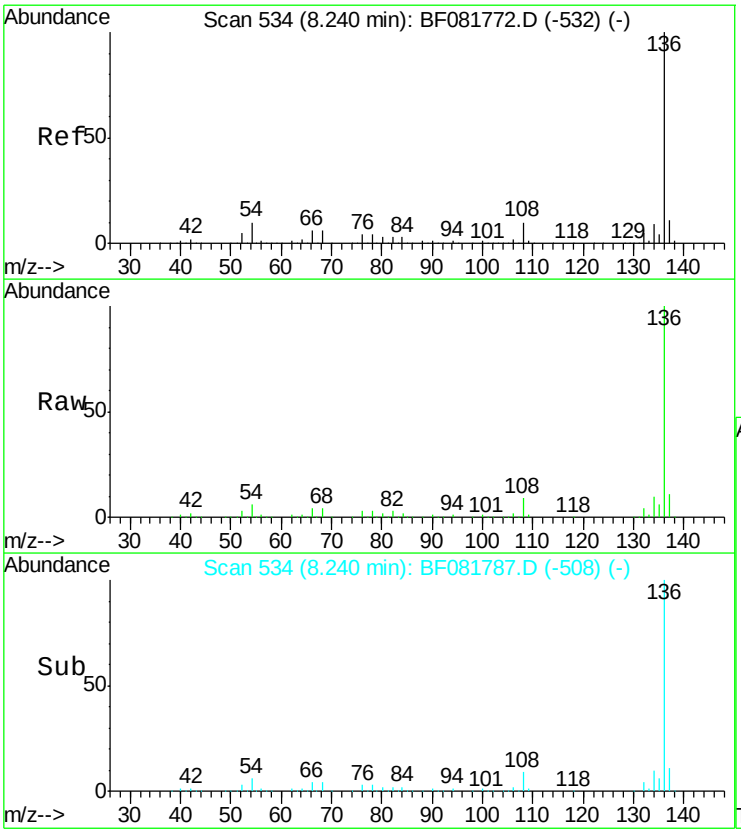
#7
Phenol-d6
Concen: 114.02 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion: 99 Resp: 1187133

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.7	20.5#
71	36.2	14.2	21.2#

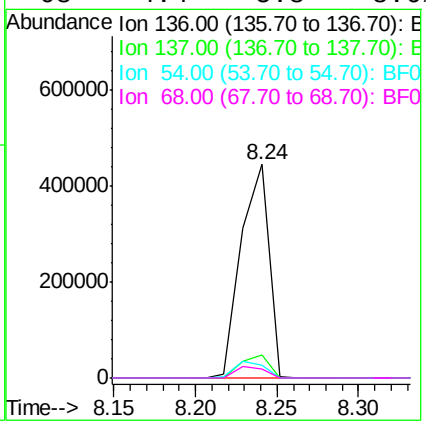


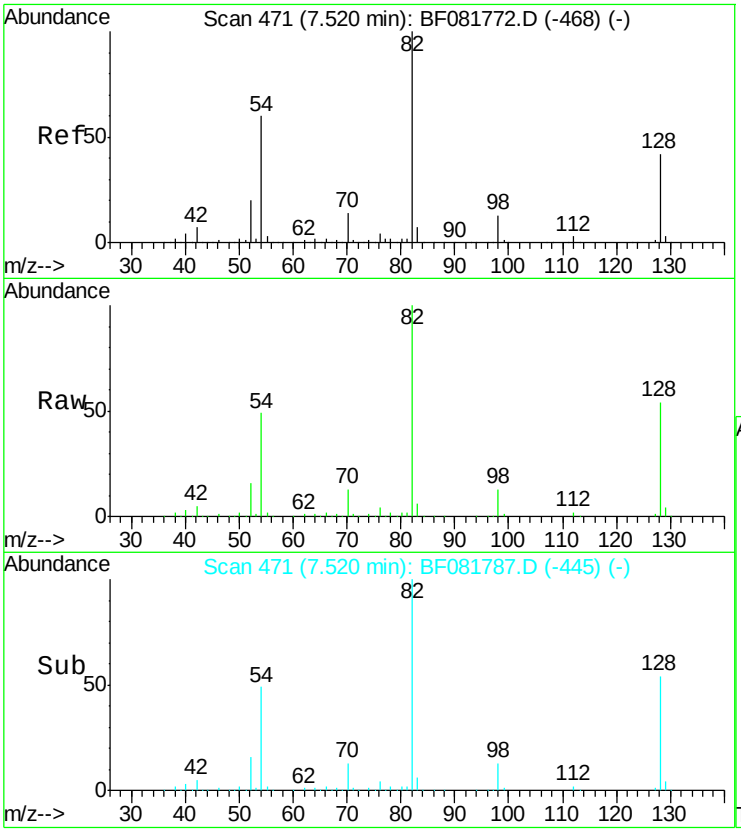


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:136 Resp: 527483

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.1	8.2	12.2#
68	4.4	5.8	8.6#



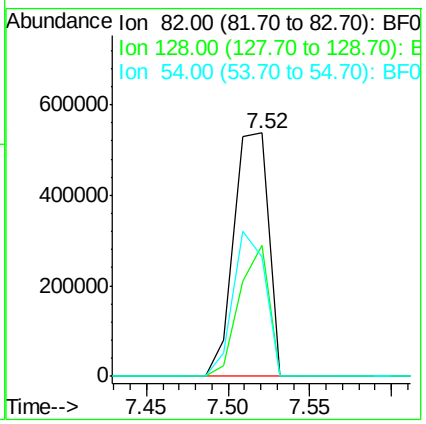


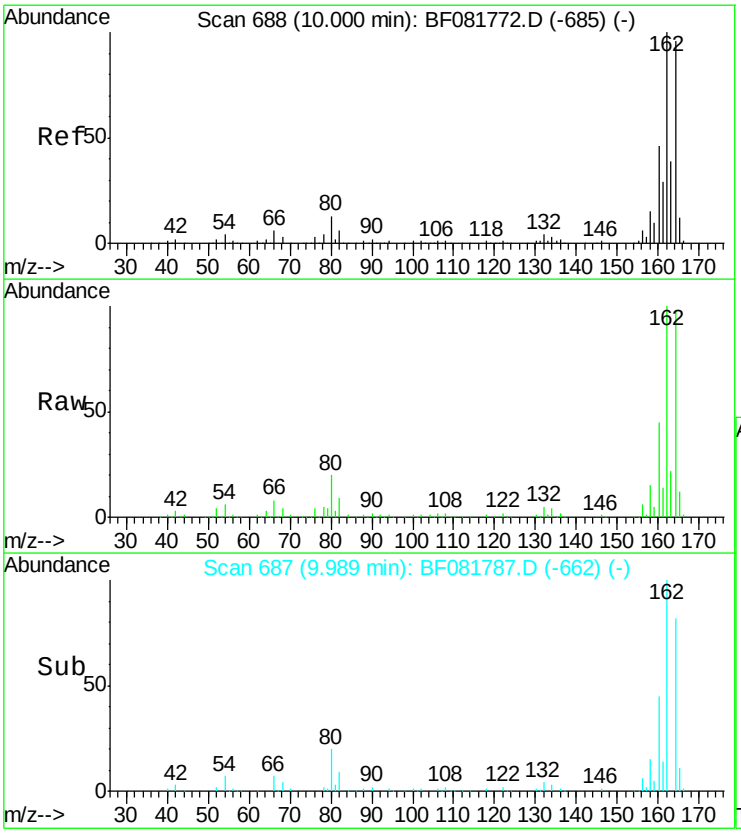
#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 7.52 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion: 82 Resp: 787822

Ion	Ratio	Lower	Upper
82	100		
128	53.9	51.0	76.6
54	49.0	47.5	71.3

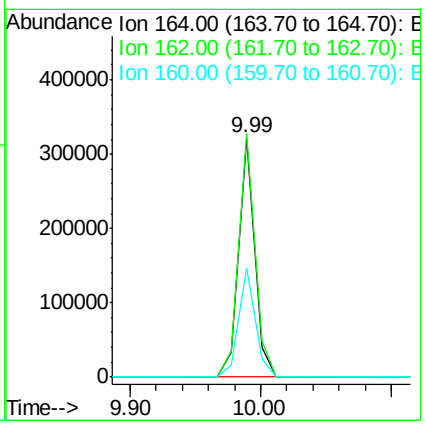


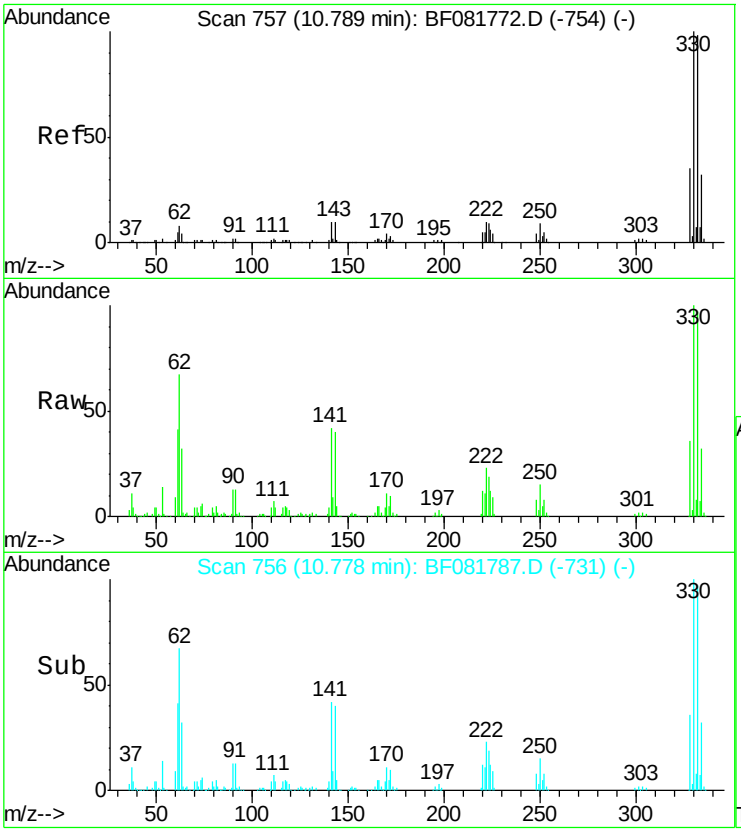


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:164 Resp: 271504

Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	45.6	31.5	47.3



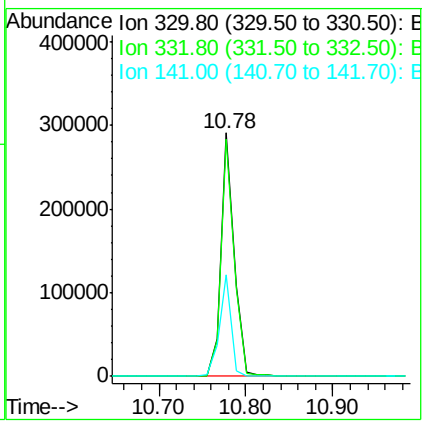


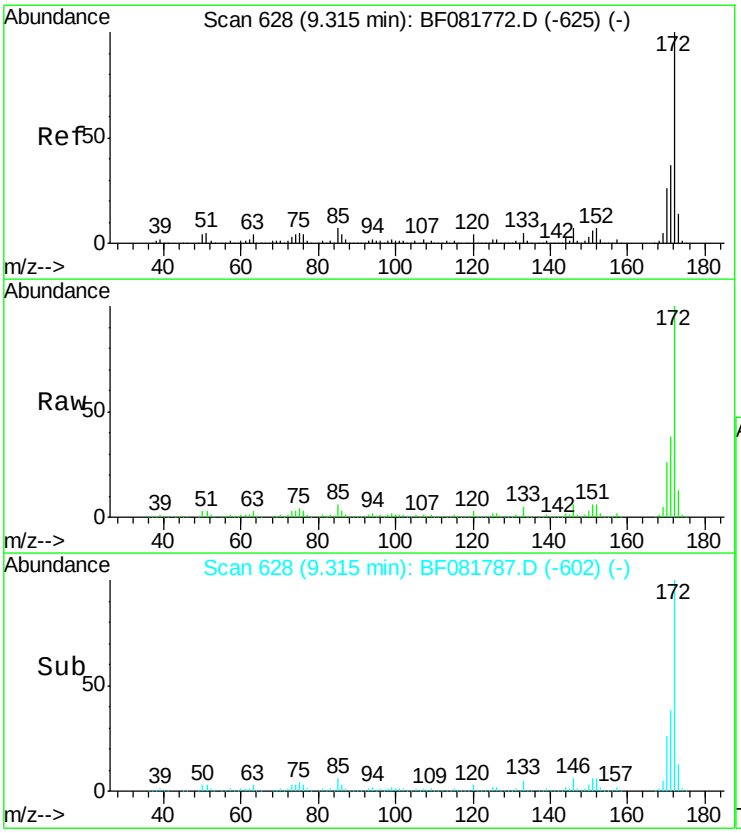
#41
2,4,6-Tribromophenol
Concen: 132.30 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion:330 Resp: 311848

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	37.4	29.7	44.5

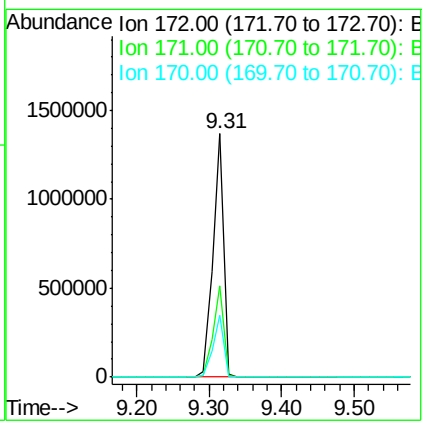


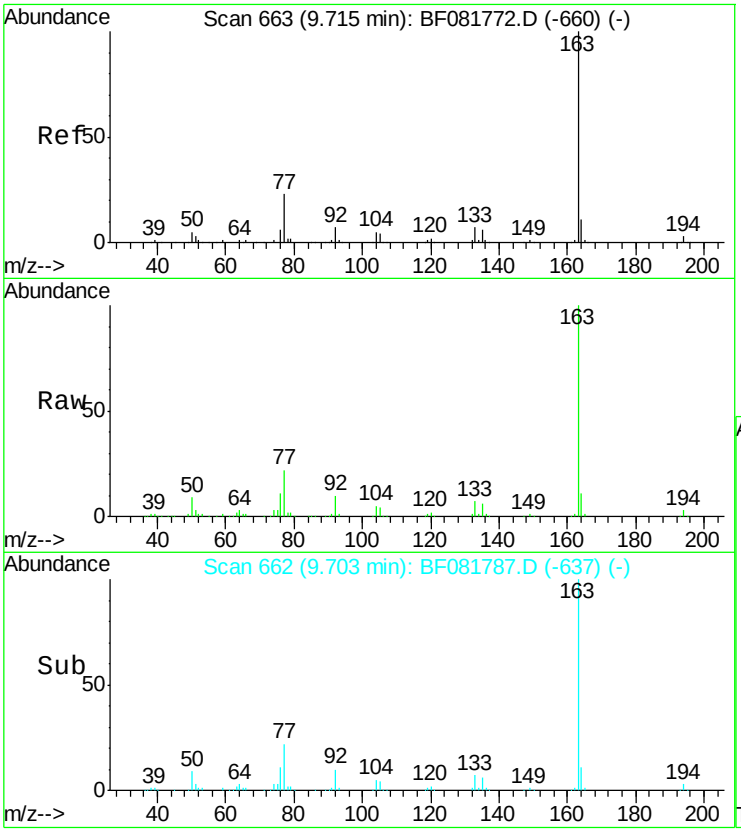


#44
2-Fluorobiphenyl
Concen: 84.02 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:172 Resp: 1389635

Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.5	17.4	26.2



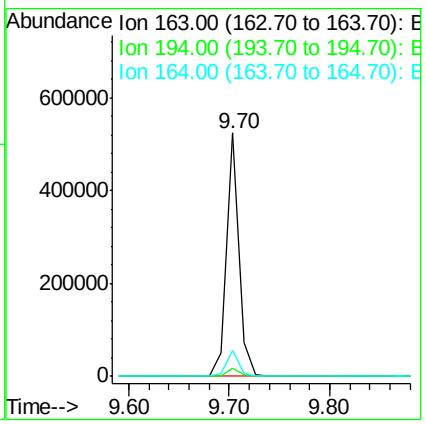


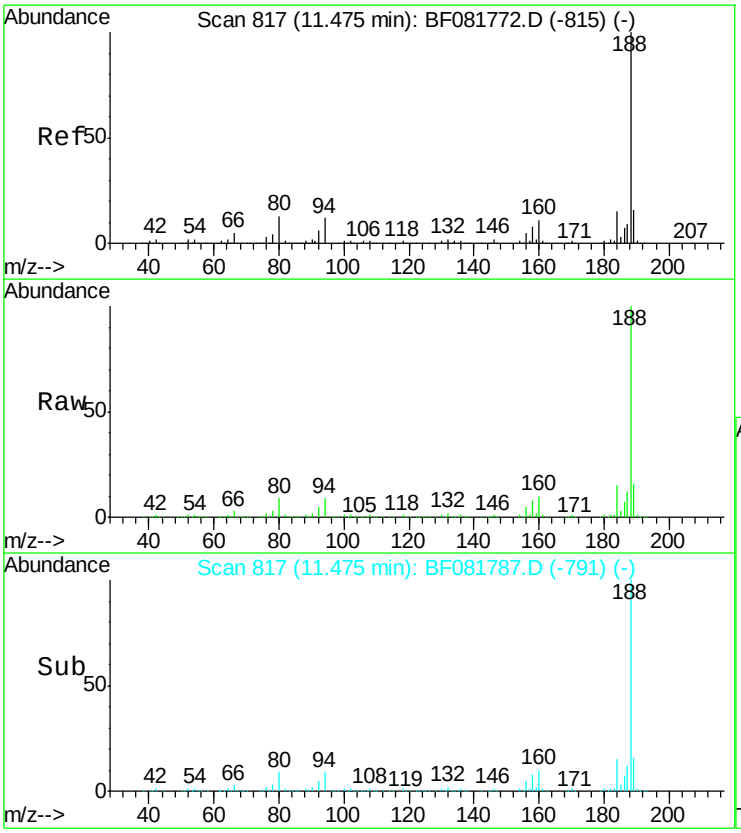
#49
Dimethylphthalate
Concen: 21.69 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion:163 Resp: 448174

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.7	8.3	12.5

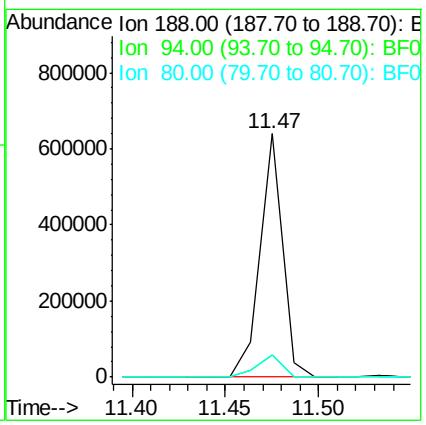


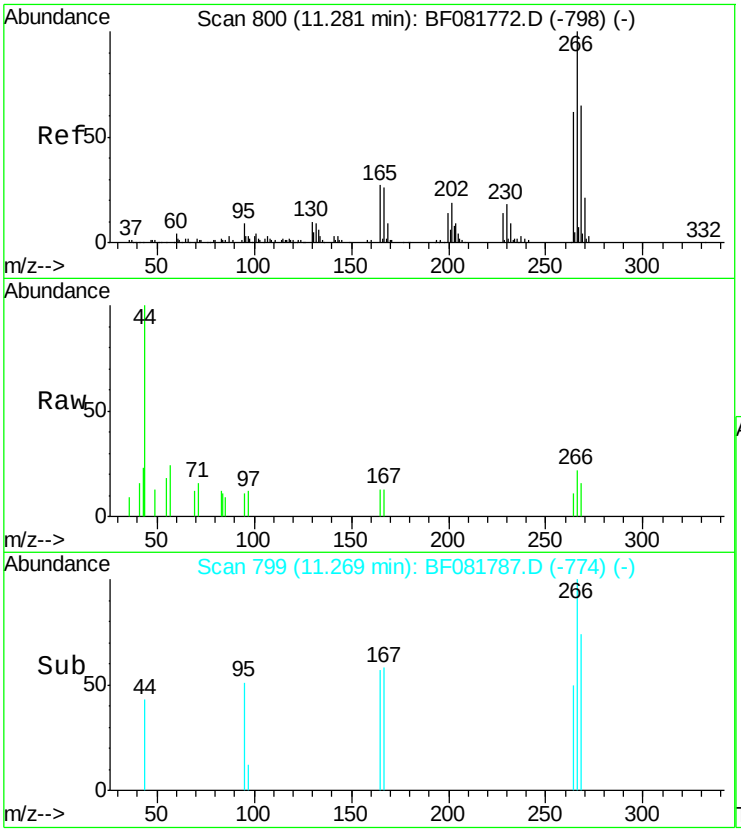


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:188 Resp: 529906

Ion	Ratio	Lower	Upper
188	100		
94	9.0	11.1	16.7#
80	9.4	11.0	16.4#



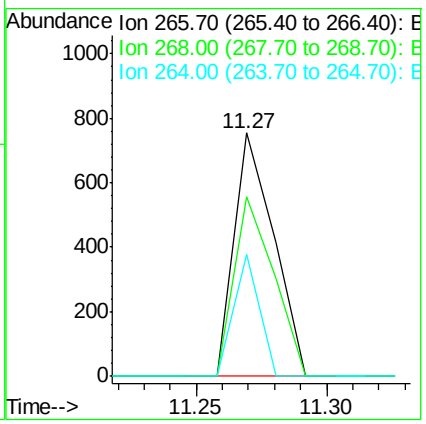


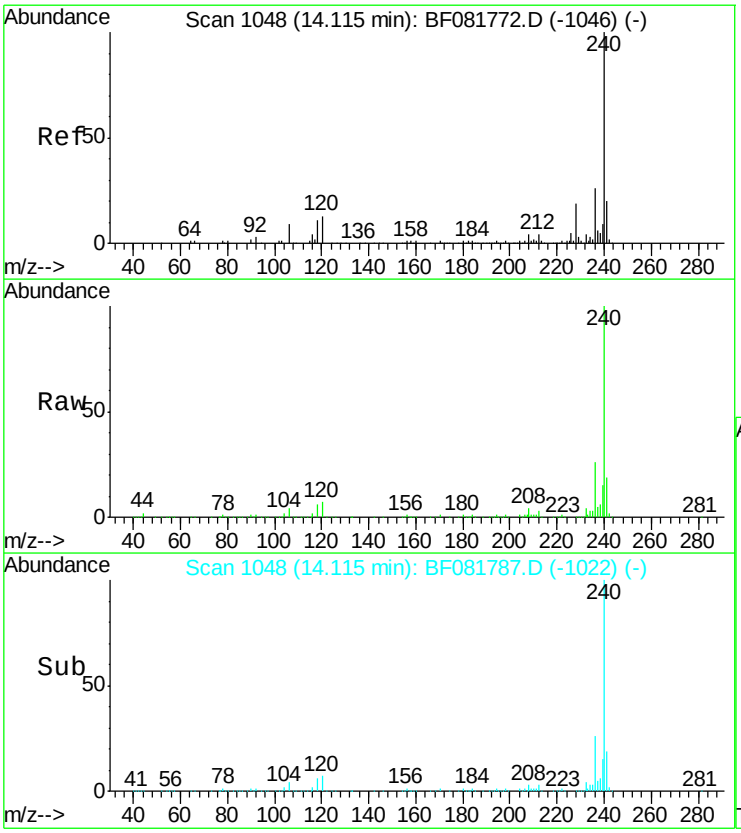
#69
Pentachlorophenol
Concen: 5.86 ng
RT: 11.27 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion:266 Resp: 800

Ion	Ratio	Lower	Upper
266	100		
268	73.9	49.8	74.6
264	50.2	50.2	75.2

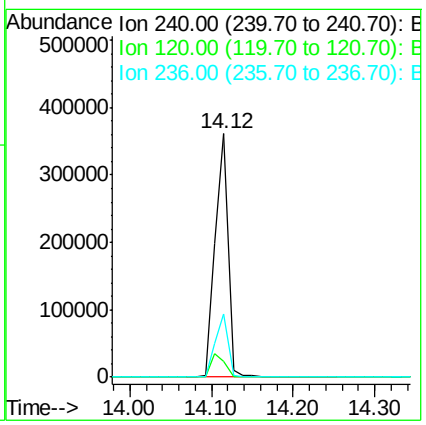


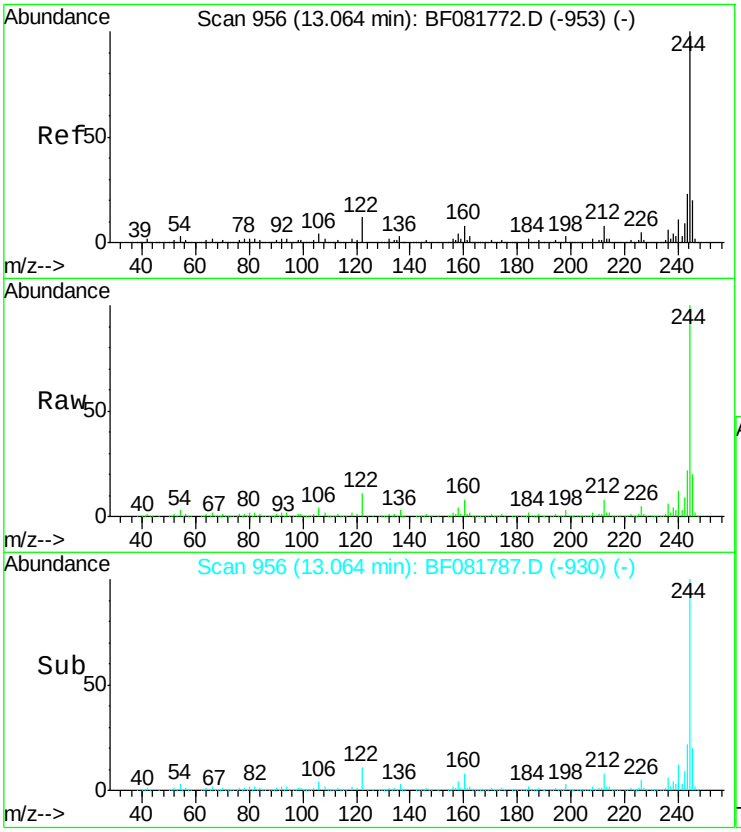


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:240 Resp: 399369

Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	25.9	18.4	27.6



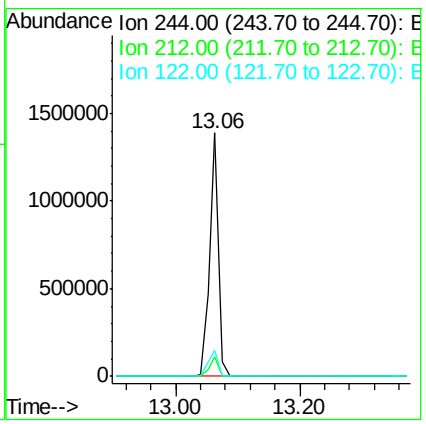


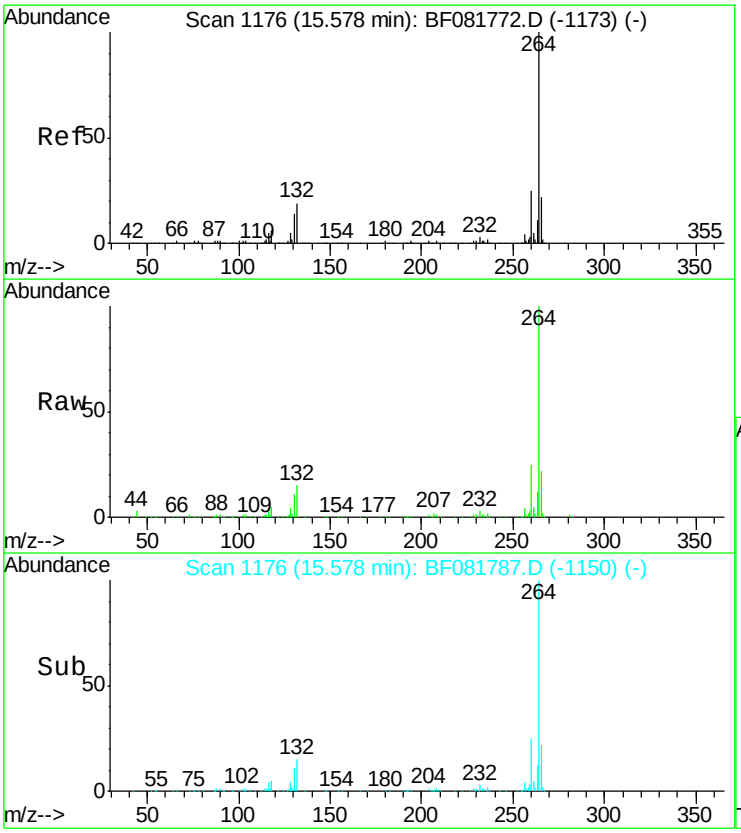
#78
Terphenyl-d14
Concen: 77.19 ng
RT: 13.06 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

Tgt Ion:244 Resp: 1349572

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	10.9	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: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion:264 Resp: 318722

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.7	17.2	25.8