Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084106.D
Acq On : 25 Dec 2015 4:05
Operator : UM/SJ
Sample : G4916-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151217MGP216BRV90

Quant Time: Dec 25 06:29:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53056	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	199311	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	98038	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	172364	20.00	ng	0.00
75) Chrysene-d12	13.95	240	131401	20.00	ng	-0.01
86) Perylene-d12	15.38	264	101081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	214492	68.54	ng	0.00
7) Phenol-d6	6.44	99	167348	43.22	ng	-0.01
23) Nitrobenzene-d5	7.37	82	353065	103.69	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	137140	131.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	661791	92.36	ng	0.00
78) Terphenyl-d14	12.90	244	566308	77.98	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	9.70	152	25533	2.31	ng	99
51) Acenaphthene	9.87	154	46057	7.16	ng	99

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

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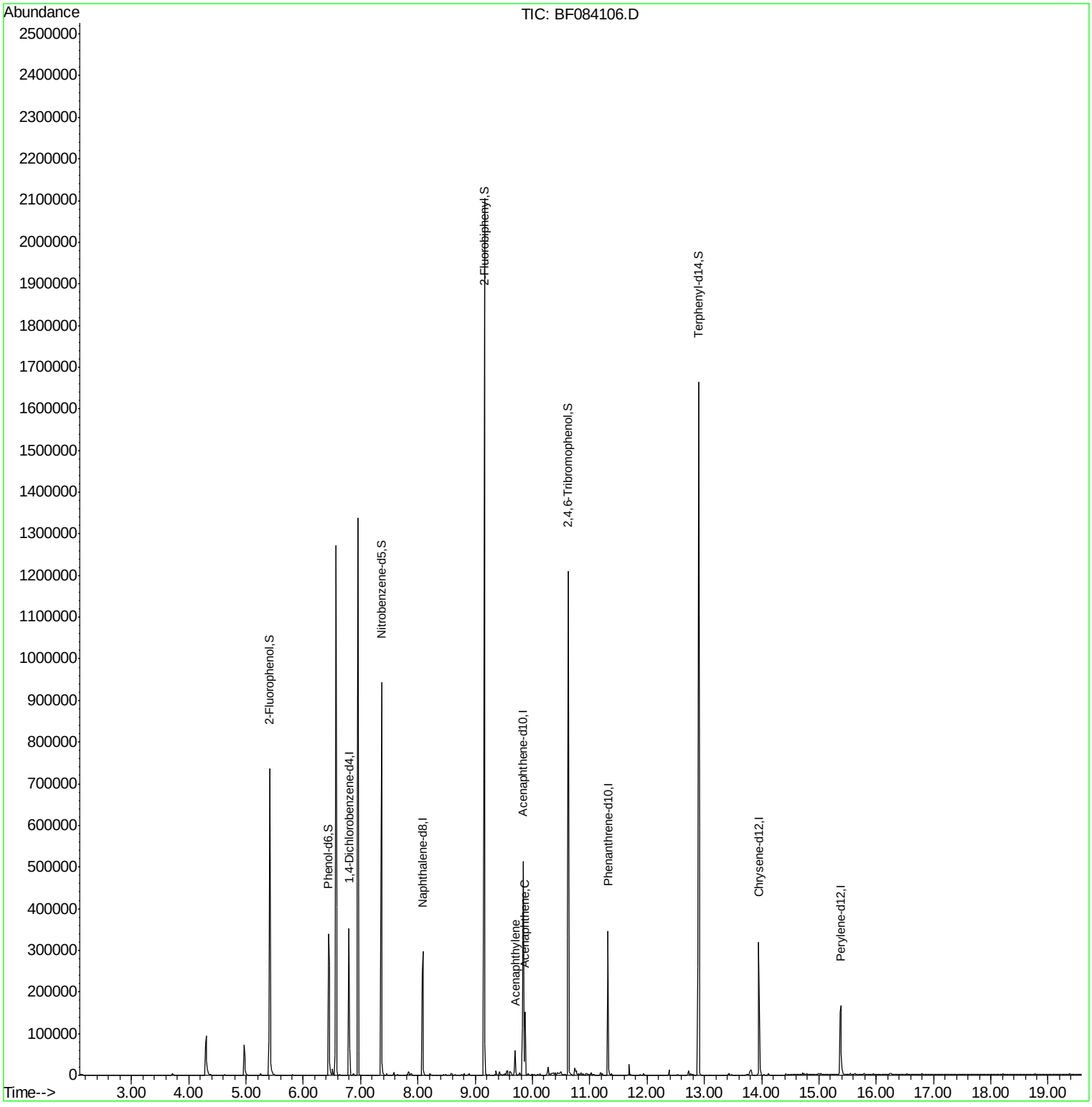
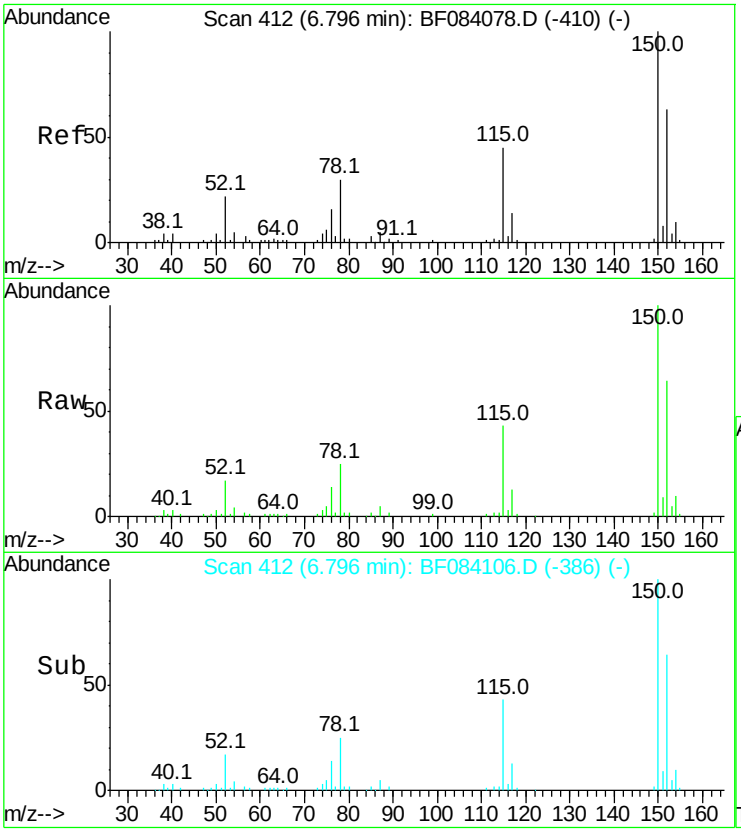


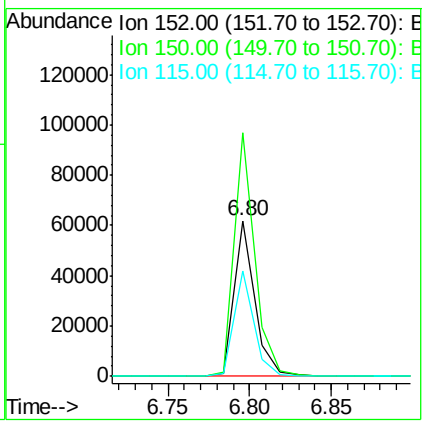


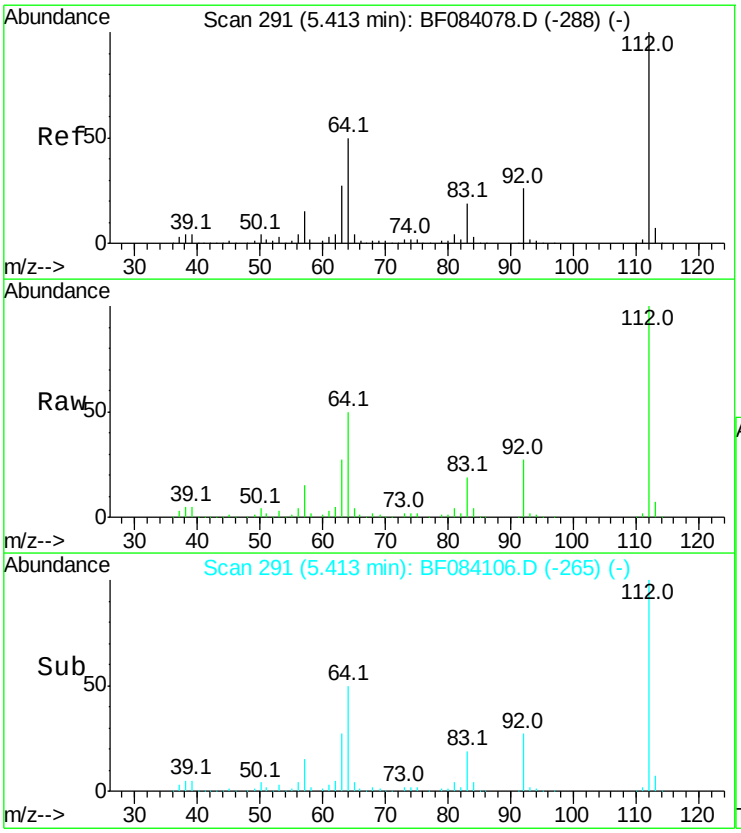
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:152 Resp: 53056

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	67.5	51.4	77.2

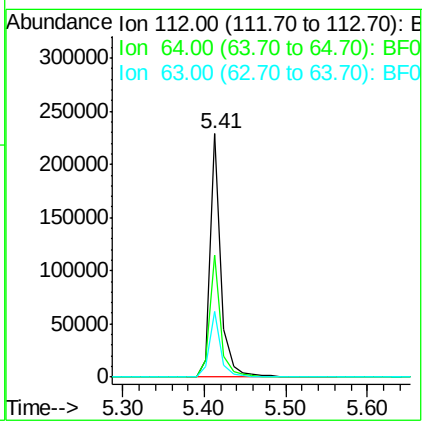


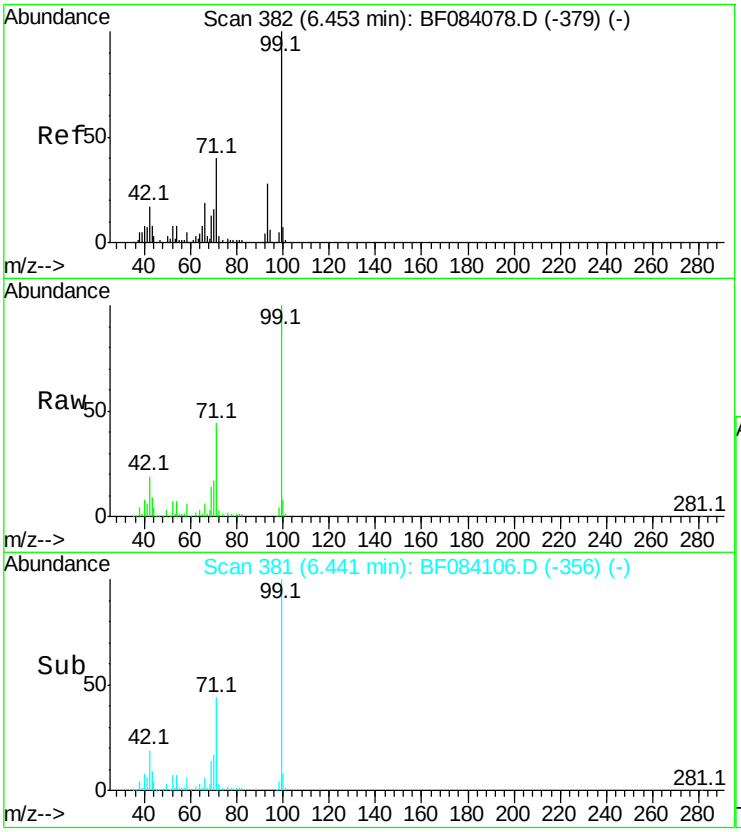


#5
2-Fluorophenol
Concen: 68.54 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:112 Resp: 214492

Ion	Ratio	Lower	Upper
112	100		
64	50.3	36.6	55.0
63	27.2	19.4	29.0



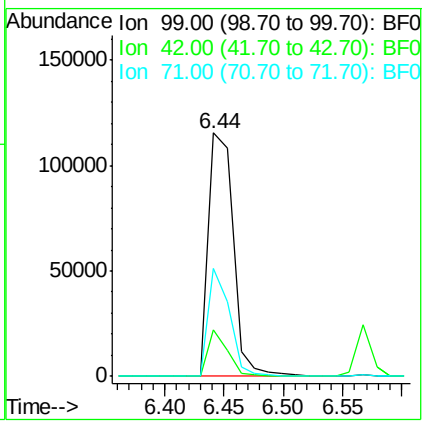


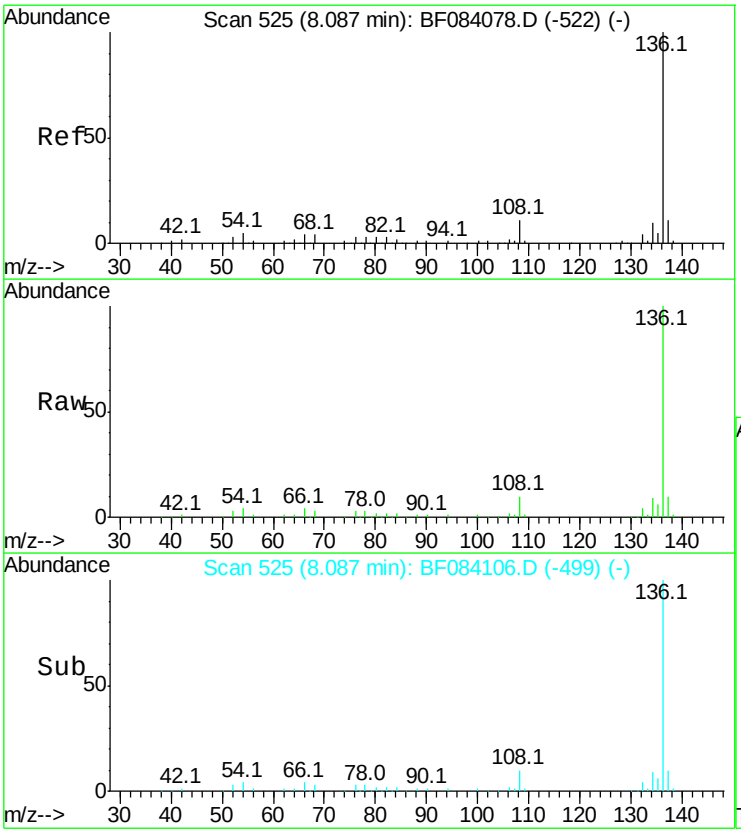
#7
Phenol-d6
Concen: 43.22 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion: 99 Resp: 167348

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	44.2	30.9	46.3

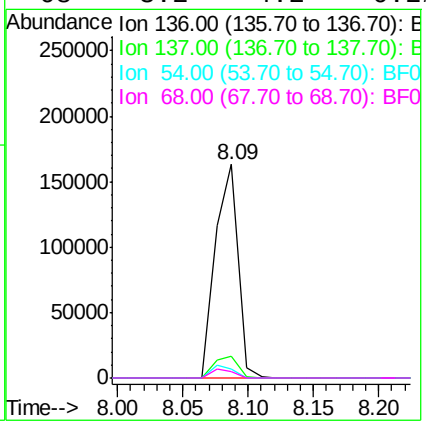


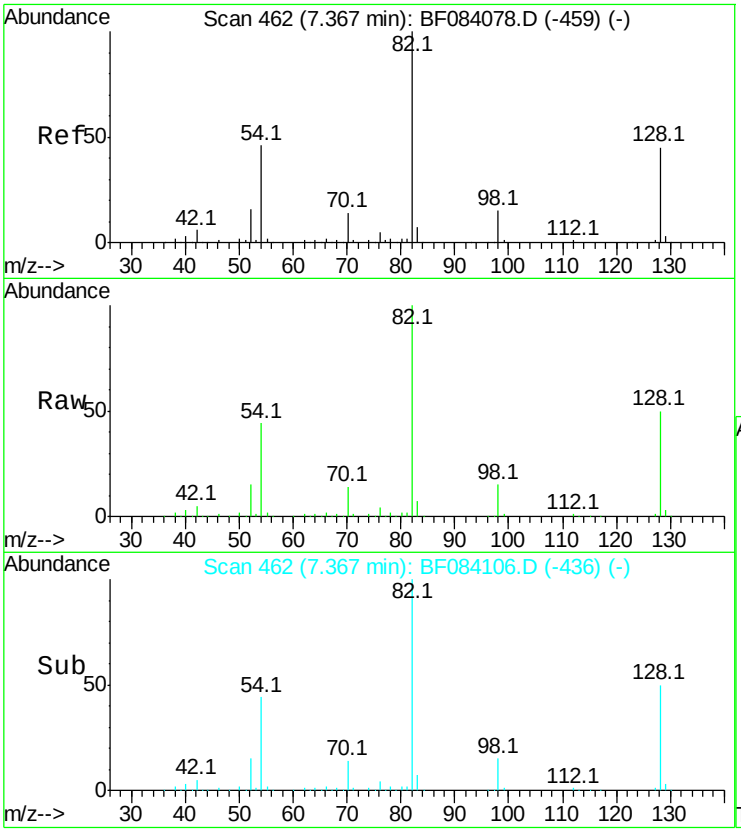


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:136 Resp: 199311

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	4.2	5.8	8.8#
68	3.2	4.2	6.2#



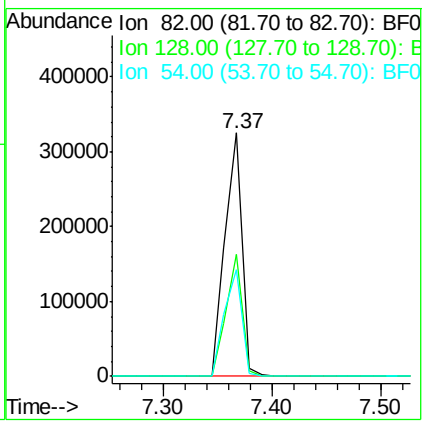


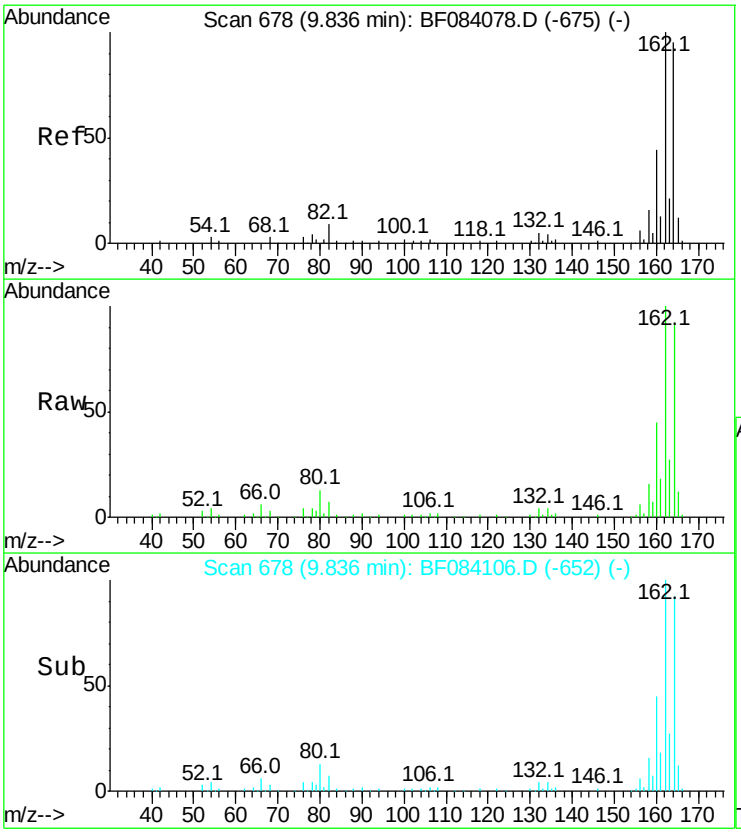
#23
Nitrobenzene-d5
Concen: 103.69 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion: 82 Resp: 353065

Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	51.8
54	43.9	38.4	57.6

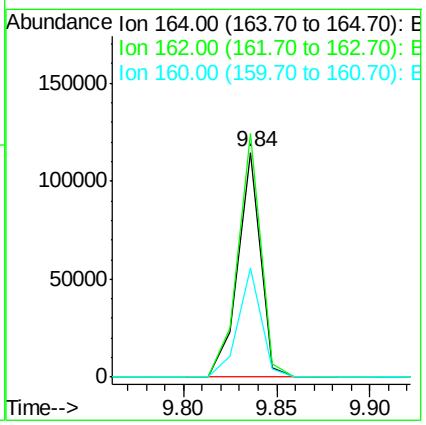


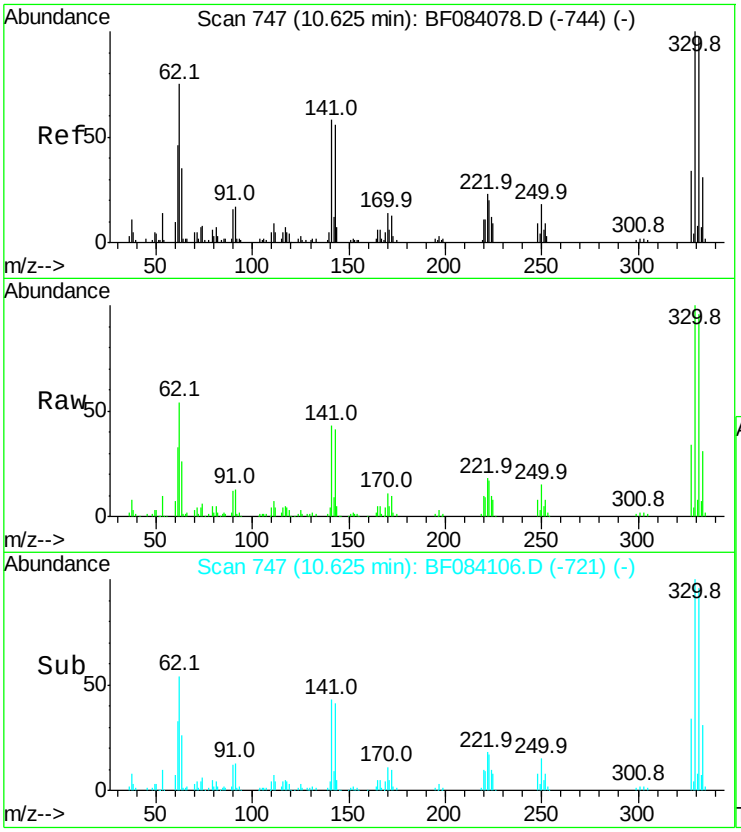


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:164 Resp: 98038

Ion	Ratio	Lower	Upper
164	100		
162	108.4	85.1	127.7
160	48.7	37.5	56.3

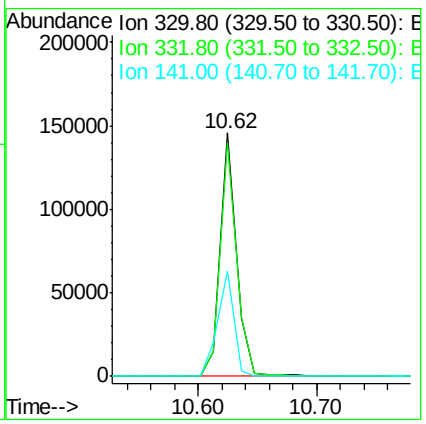




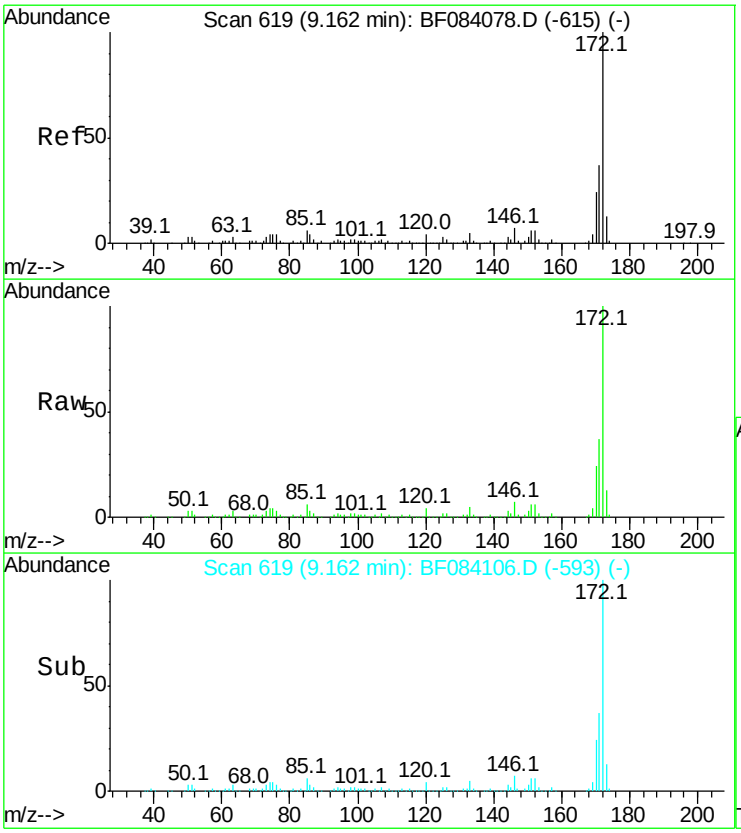
#41
2,4,6-Tribromophenol
Concen: 131.18 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:330 Resp: 137140

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	43.5	27.8	41.6#



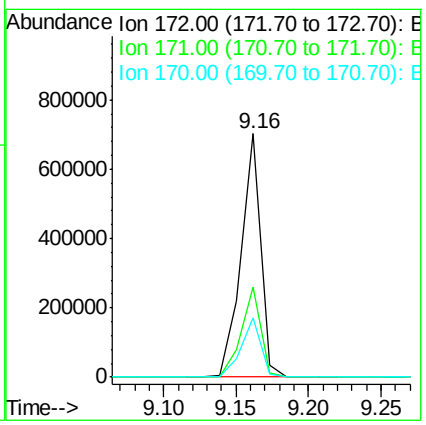
Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

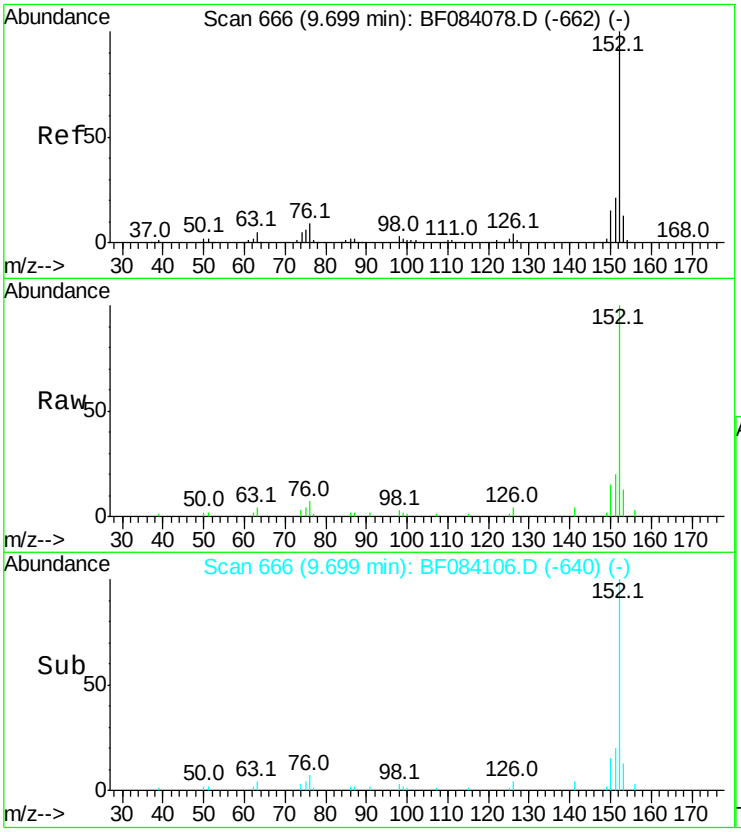


#44
2-Fluorobiphenyl
Concen: 92.36 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:172 Resp: 661791

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.6	27.8



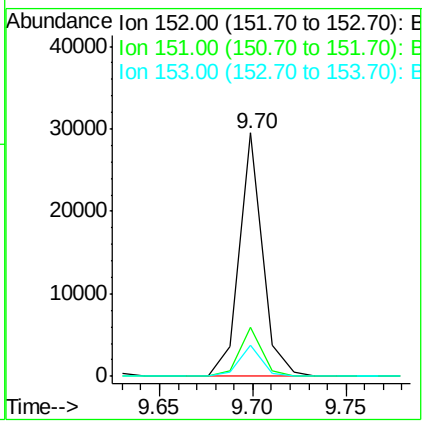


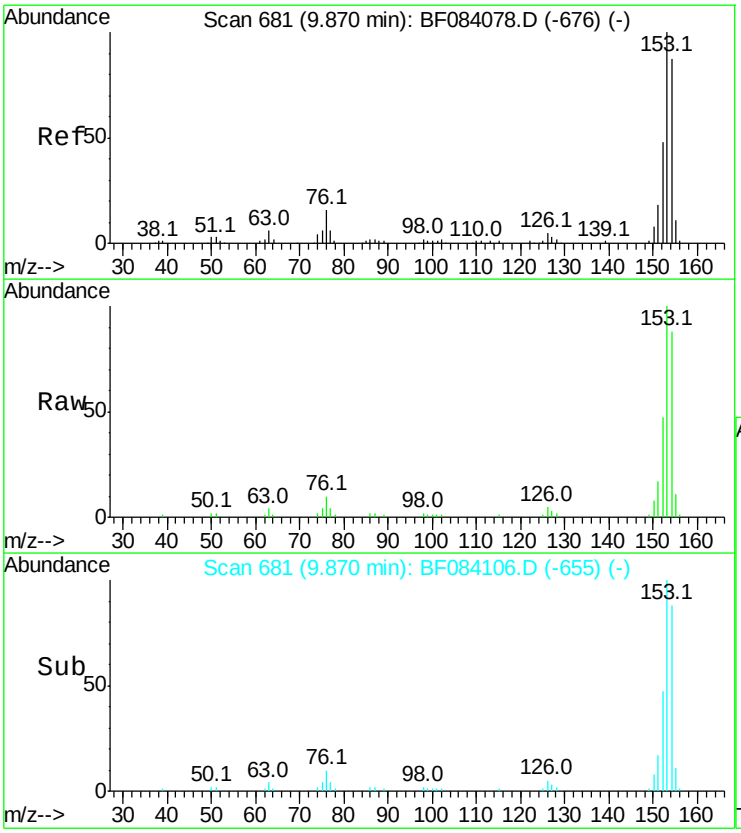
#48
Acenaphthylene
Concen: 2.31 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:152 Resp: 25533

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.4	15.6

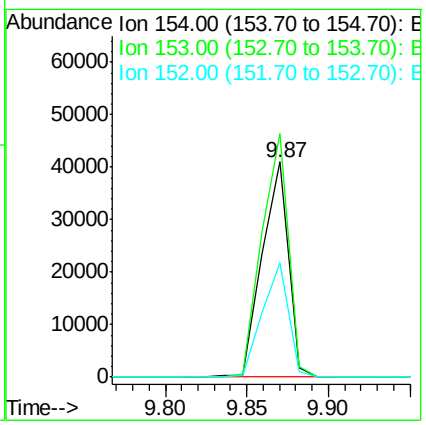


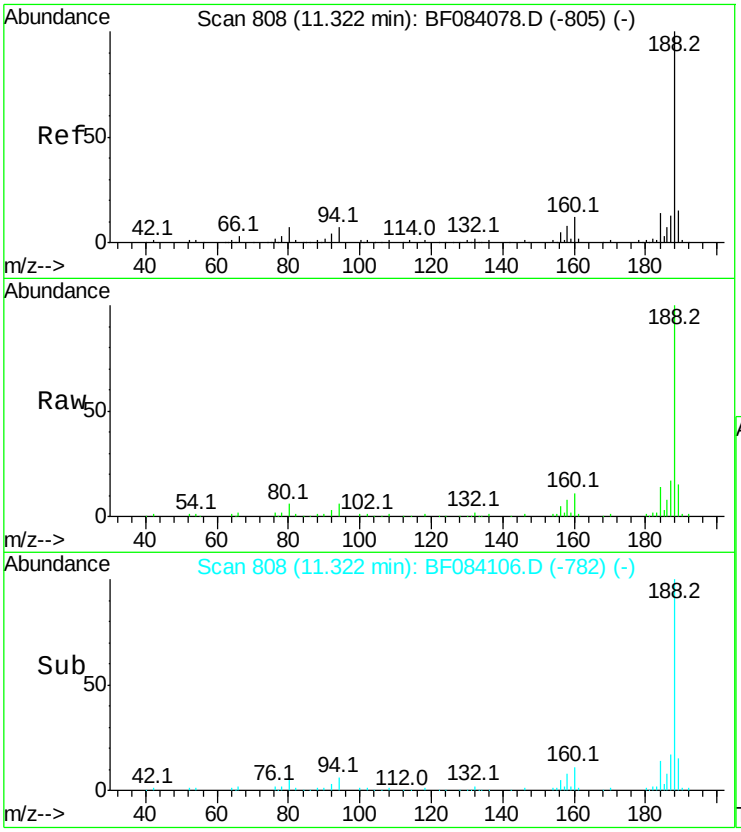


#51
Acenaphthene
Concen: 7.16 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:154 Resp: 46057

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.5	137.3
152	53.2	43.0	64.6



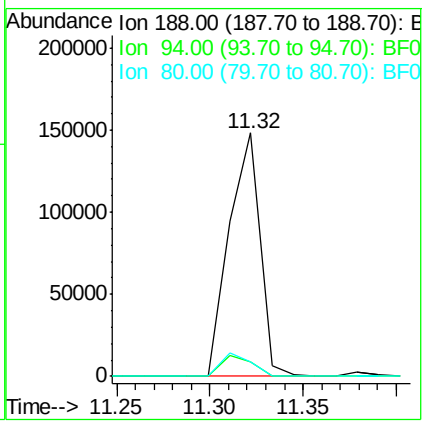


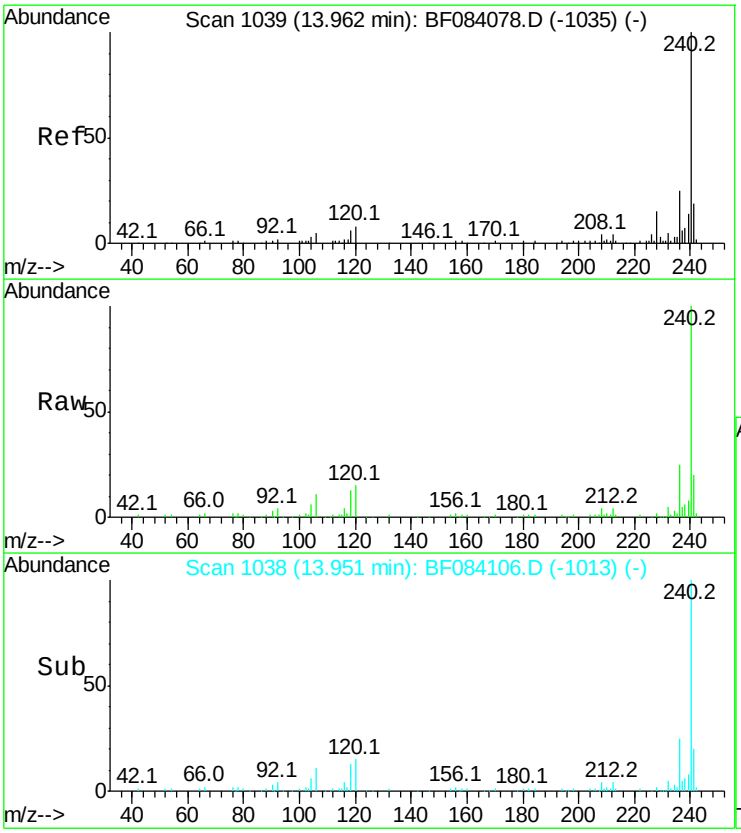
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:188 Resp: 172364

Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.4#
80	5.9	9.6	14.4#

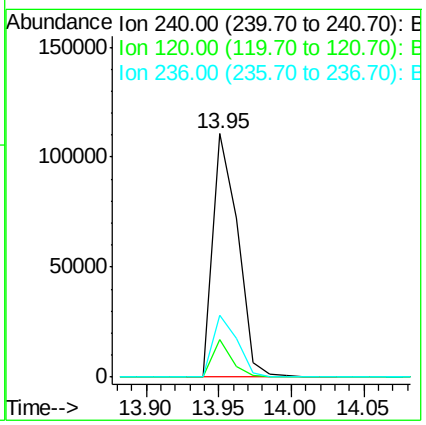


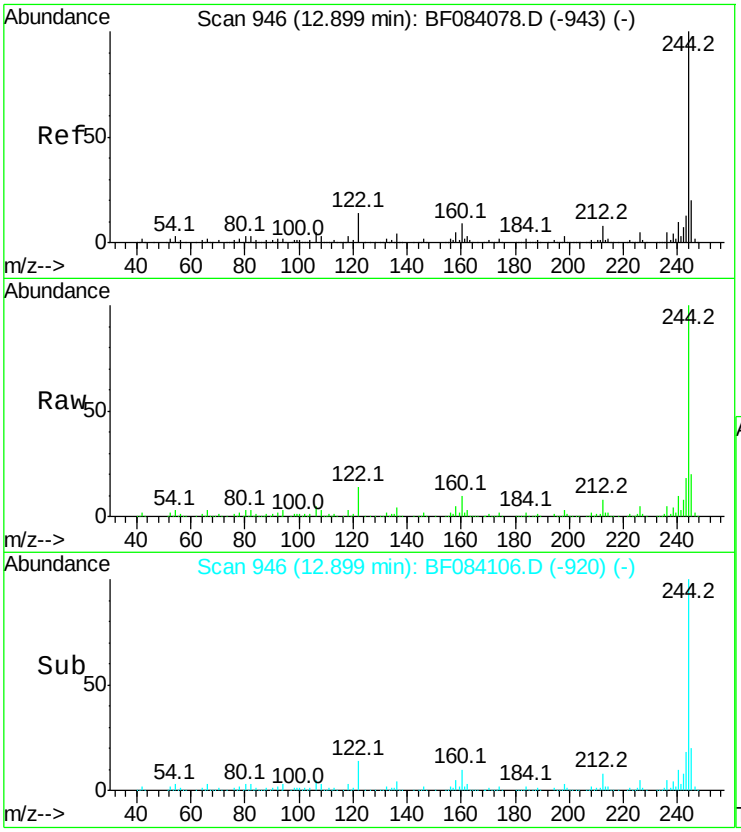


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:240 Resp: 131401

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.4	20.6	31.0



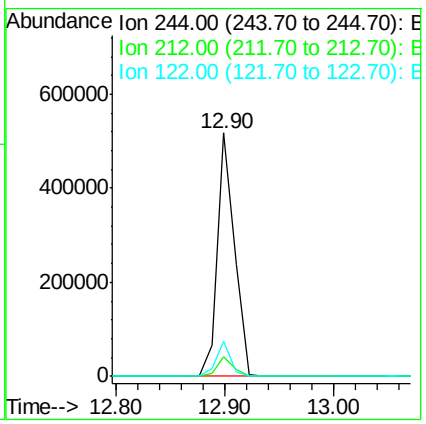


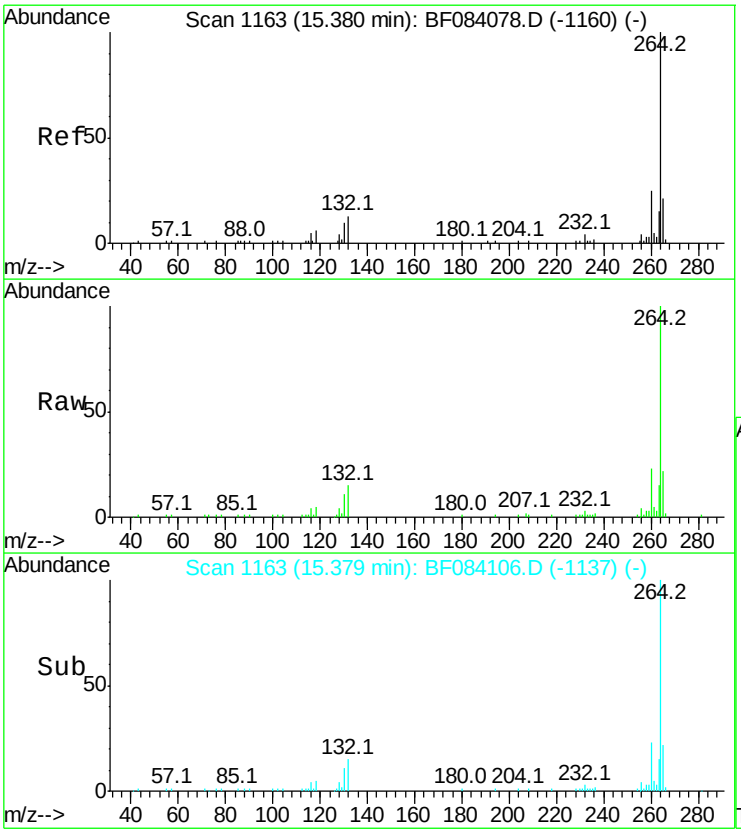
#78
Terphenyl-d14
Concen: 77.98 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:244 Resp: 566308

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.2	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:264 Resp: 101081

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6