Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080728.D
Acq On : 31 Jul 2015 12:00
Operator : TP/UM
Sample : PB84692TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Quant Time: Aug 01 01:07:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	169641	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	644907	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311252	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	714621	20.00	ng	0.00
75) Chrysene-d12	14.00	240	545878	20.00	ng	0.00
86) Perylene-d12	15.41	264	387875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1076302	108.84	ng	0.02
7) Phenol-d6	6.49	99	1763978	131.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	1022074	76.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	466105	144.32	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1860840	89.19	ng	0.00
78) Terphenyl-d14	12.96	244	1989332	68.92	ng	0.00

Target Compounds	Qvalue

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

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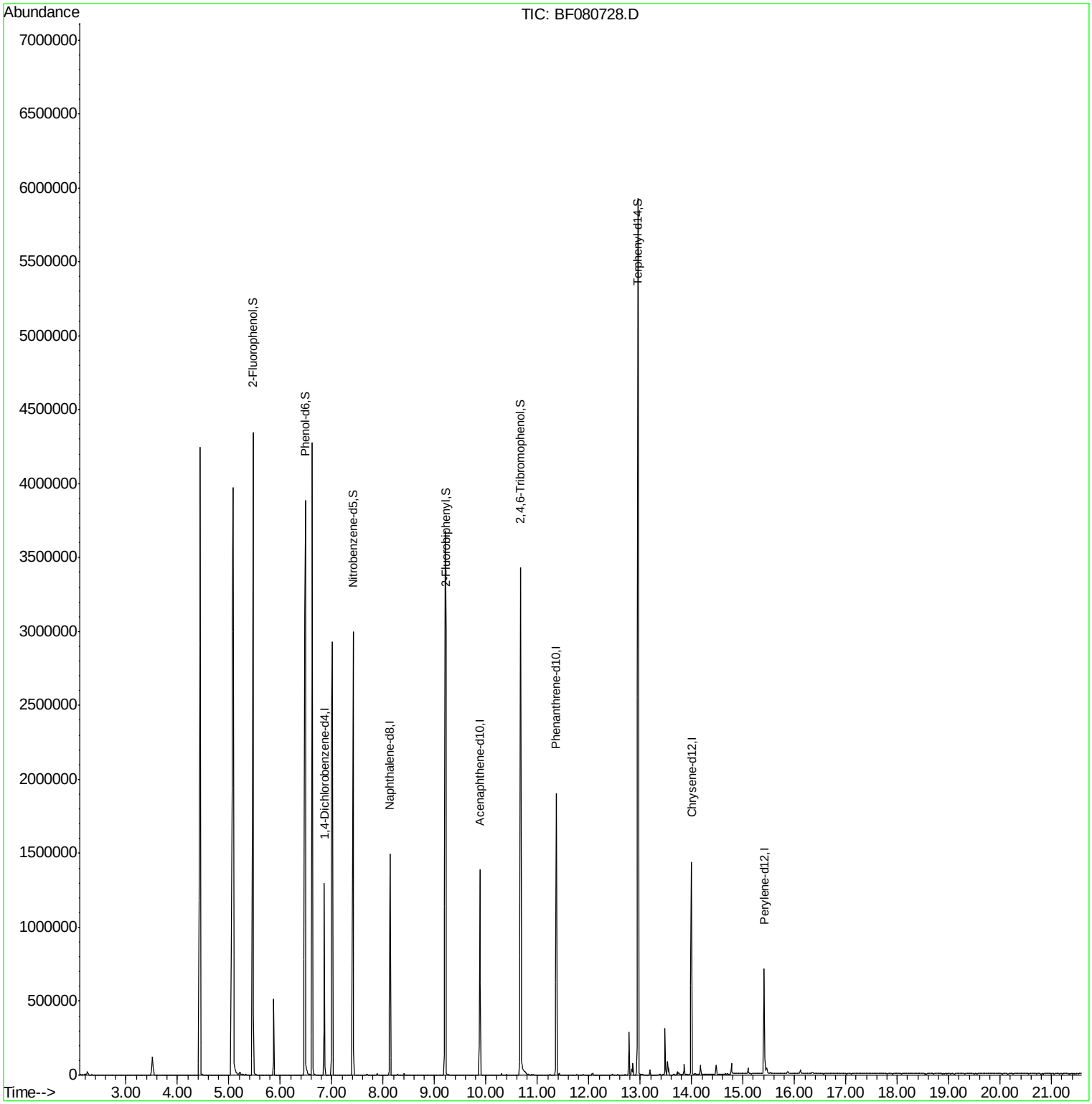
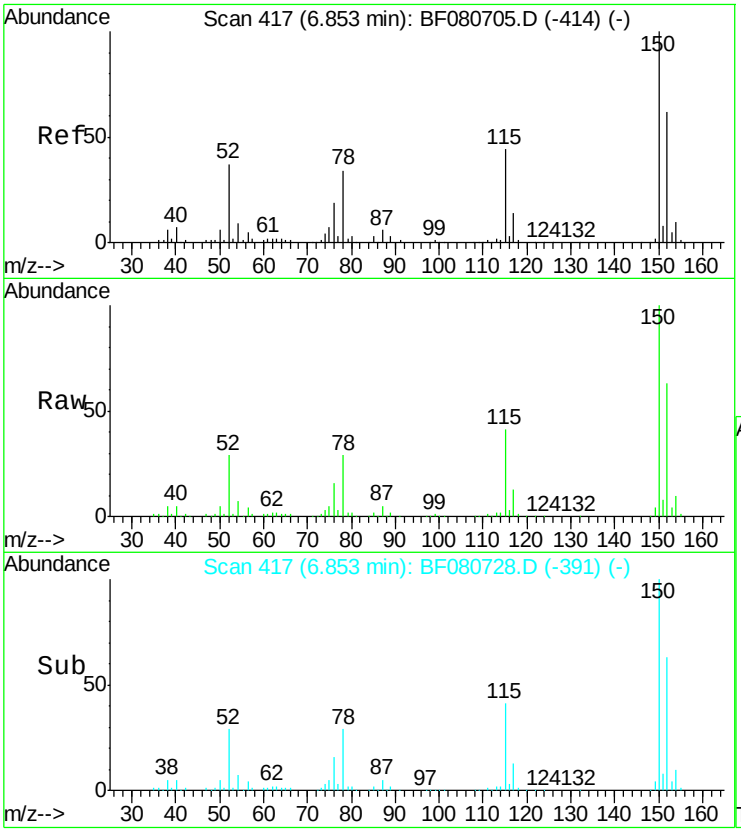


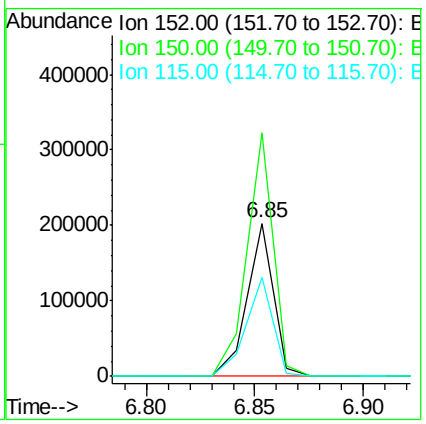


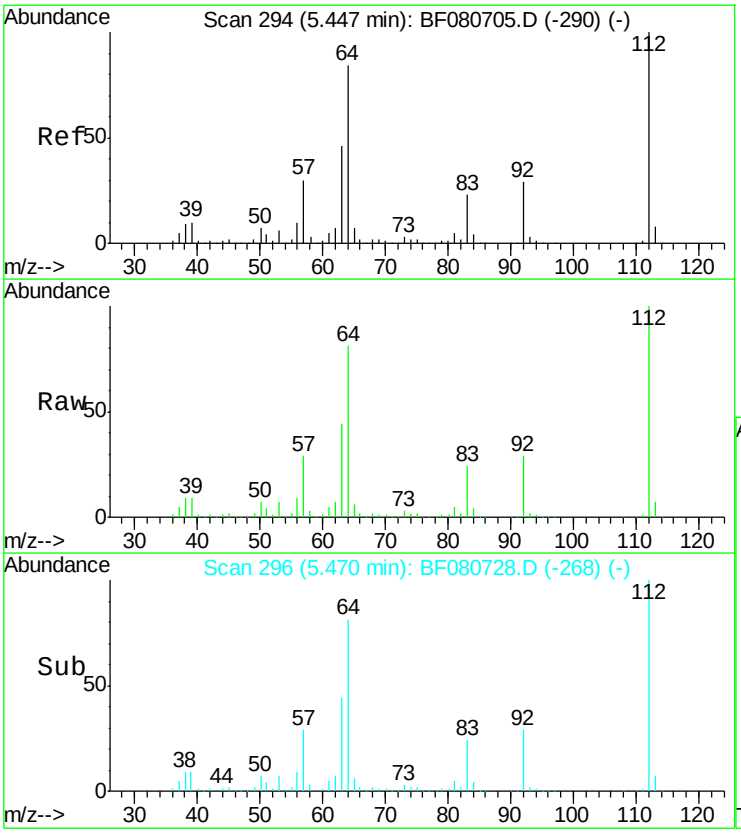
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:152 Resp: 169641

Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.6	194.4
115	64.7	56.6	85.0

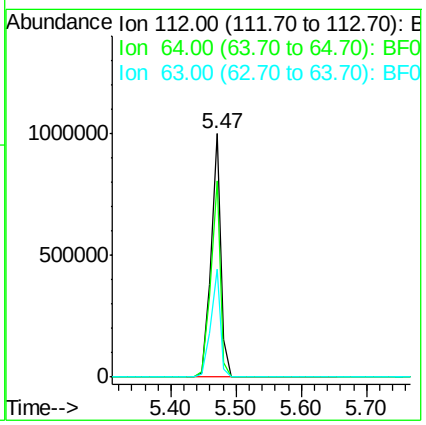


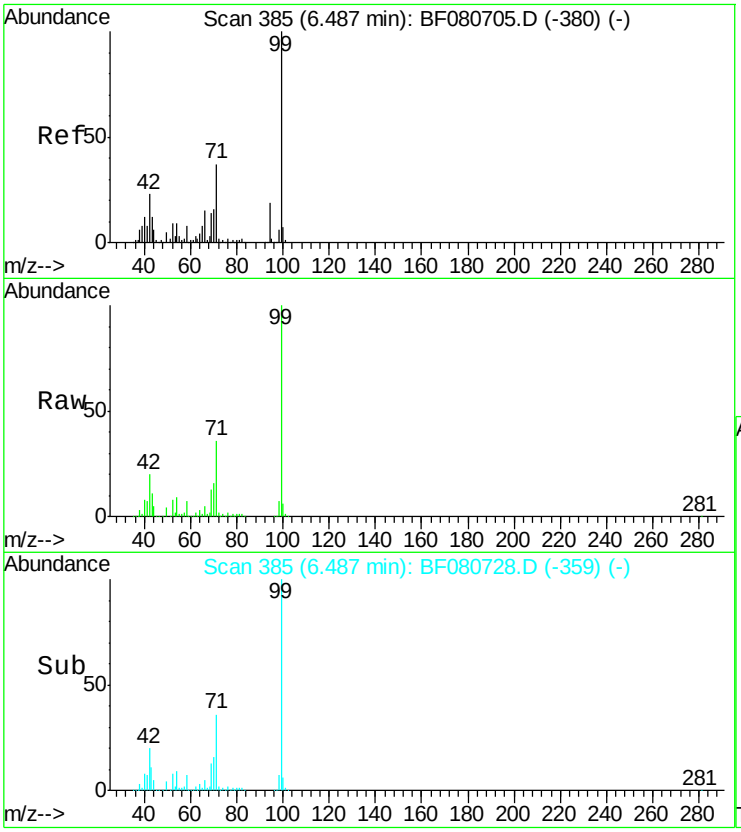


#5
2-Fluorophenol
Concen: 108.84 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:112 Resp: 1076302

Ion	Ratio	Lower	Upper
112	100		
64	80.7	66.8	100.2
63	44.3	36.7	55.1



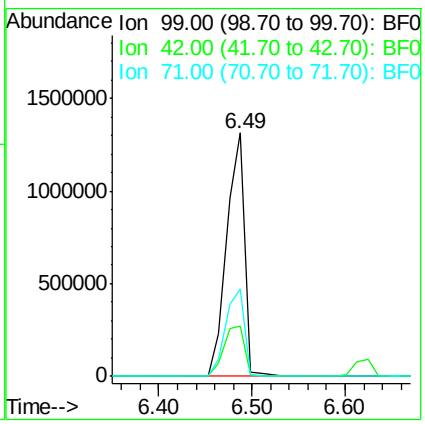


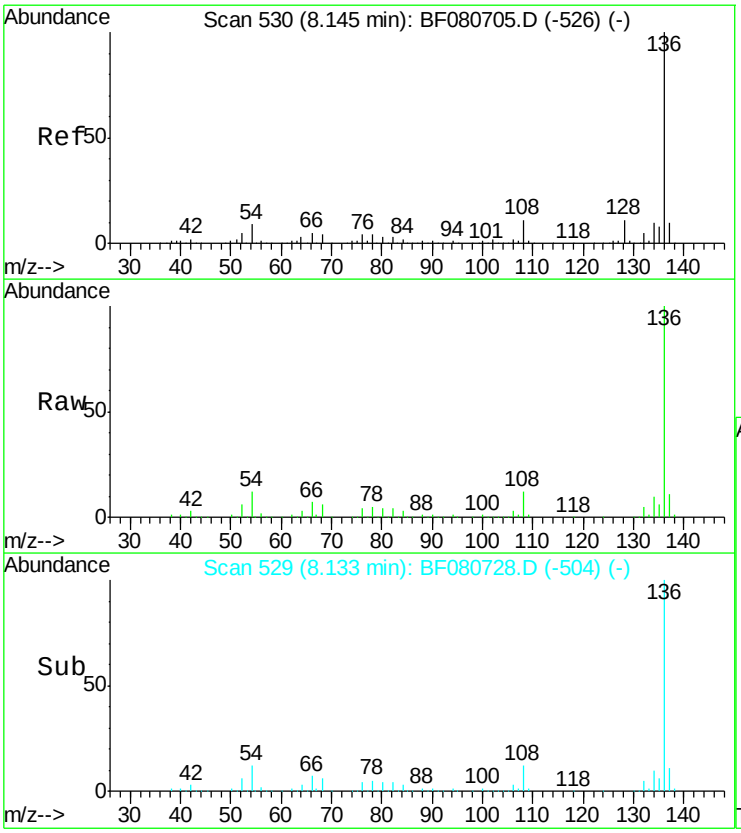
#7
Phenol-d6
Concen: 131.03 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion: 99 Resp: 1763978

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	36.1	29.5	44.3

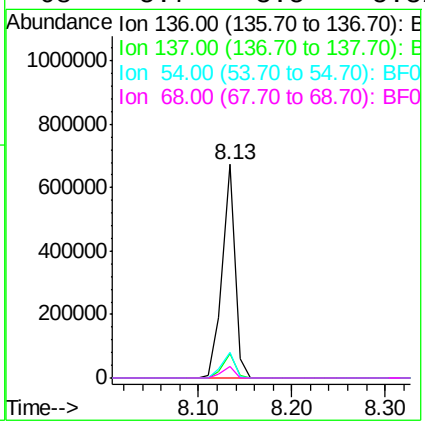


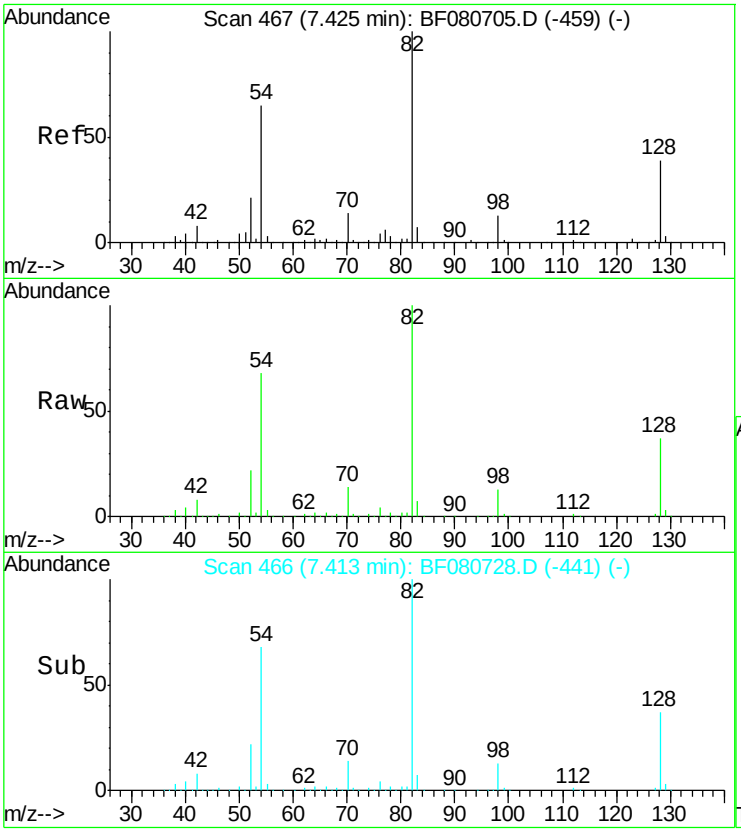


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:136 Resp: 644907

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.2	6.9	10.3#
68	5.7	3.5	5.3#



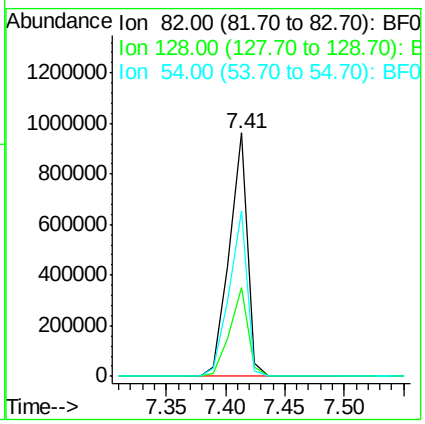


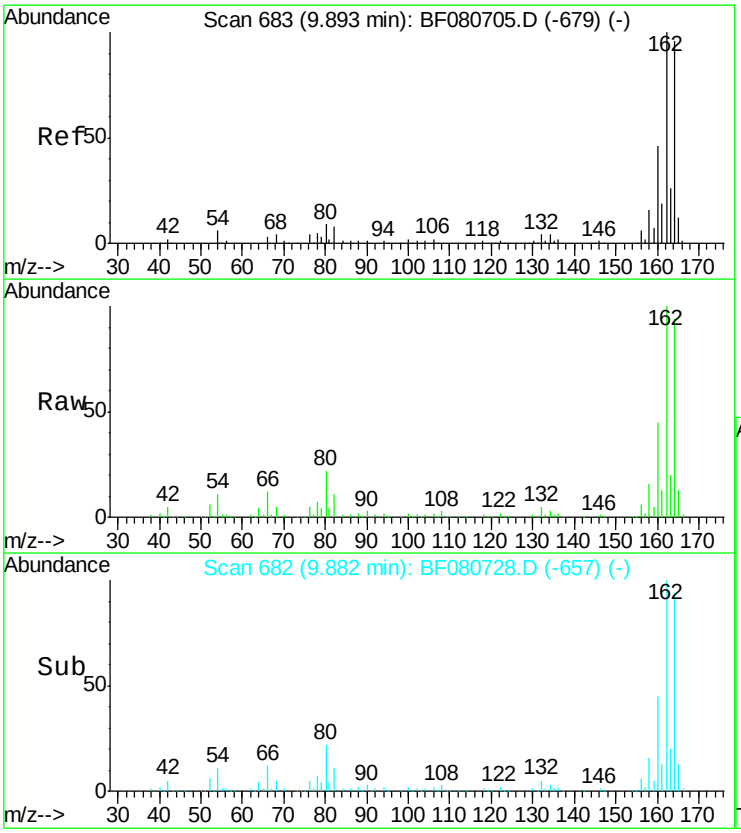
#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion: 82 Resp: 1022074

Ion	Ratio	Lower	Upper
82	100		
128	36.6	31.5	47.3
54	67.8	51.8	77.8

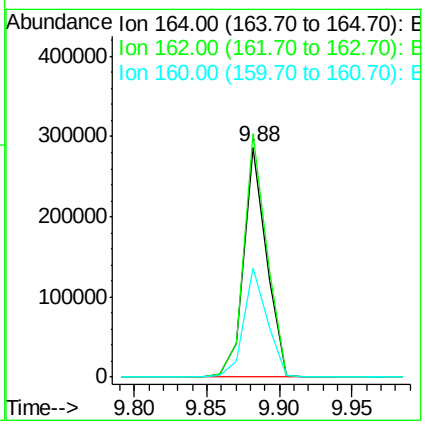


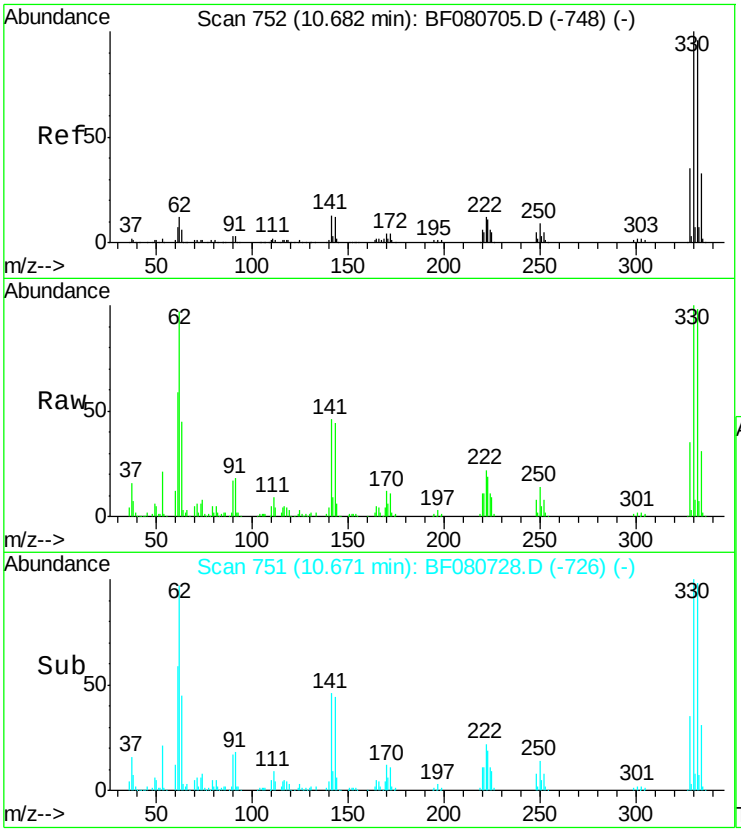


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:164 Resp: 311252

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.4	125.0
160	47.5	38.0	57.0



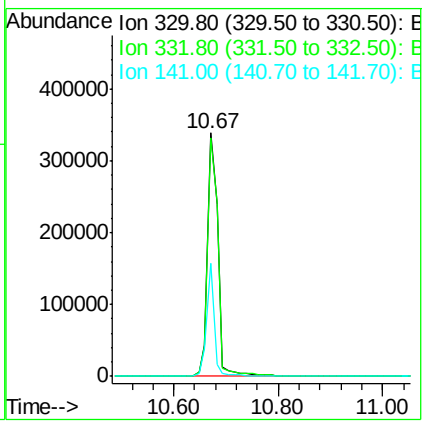


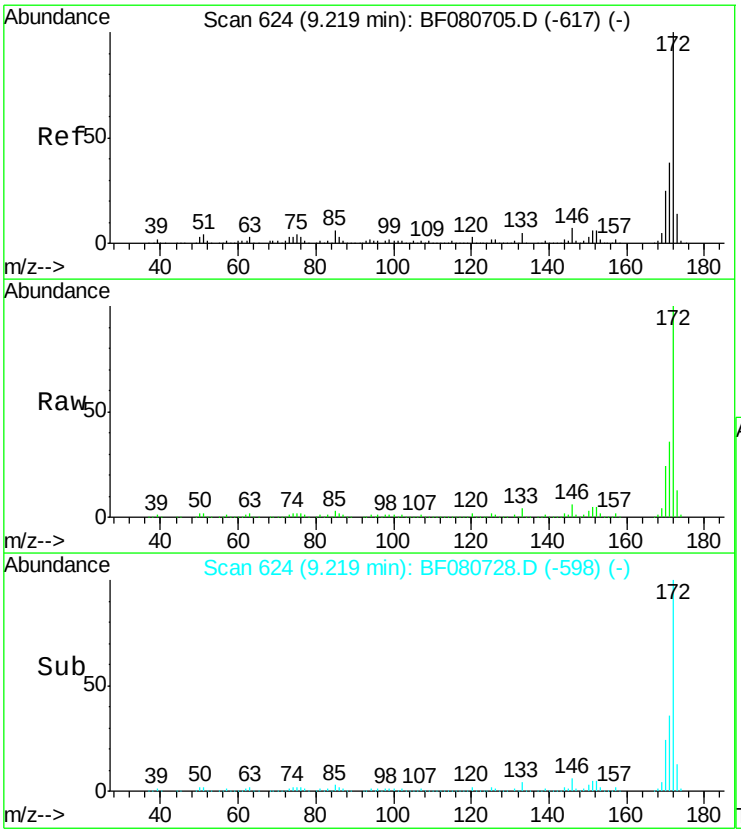
#41
2,4,6-Tribromophenol
Concen: 144.32 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:330 Resp: 466105

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	114.8
141	34.0	26.0	39.0

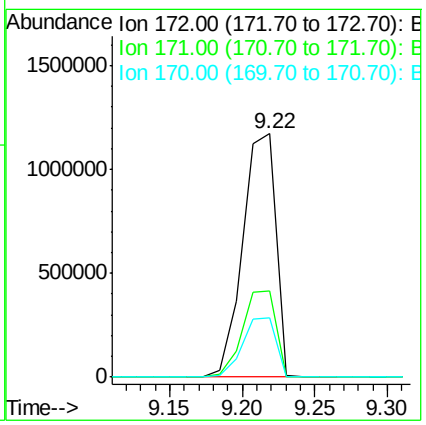


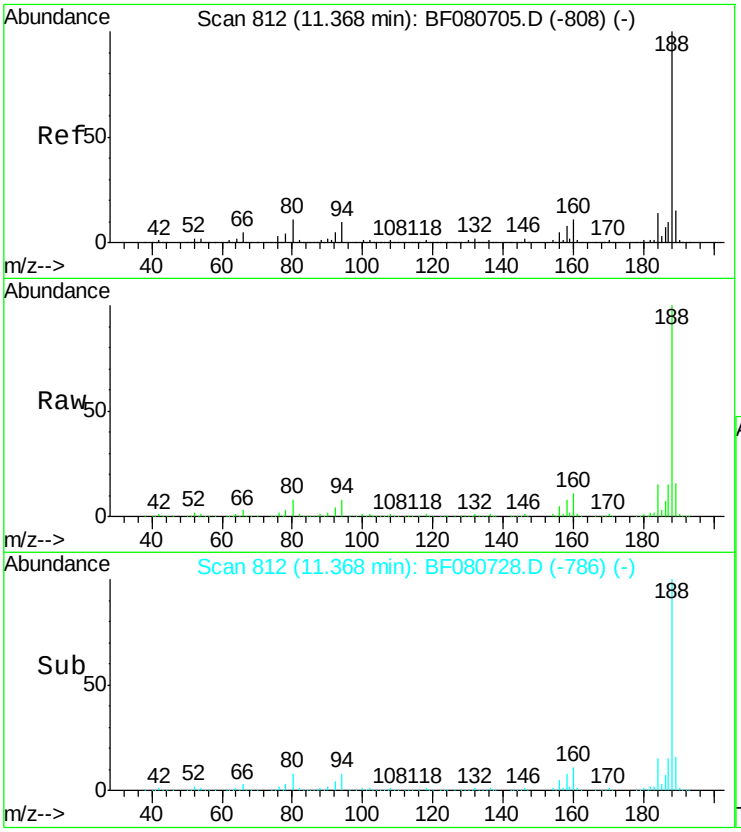


#44
2-Fluorobiphenyl
Concen: 89.19 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:172 Resp: 1860840

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.2	45.4
170	24.2	20.2	30.2



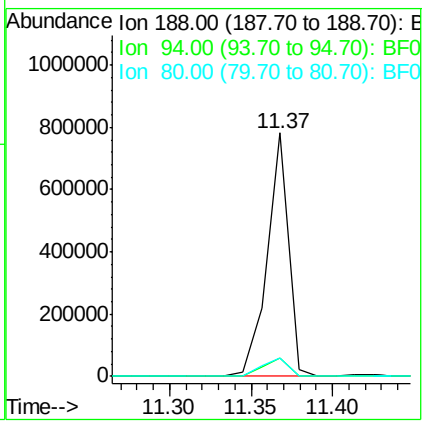


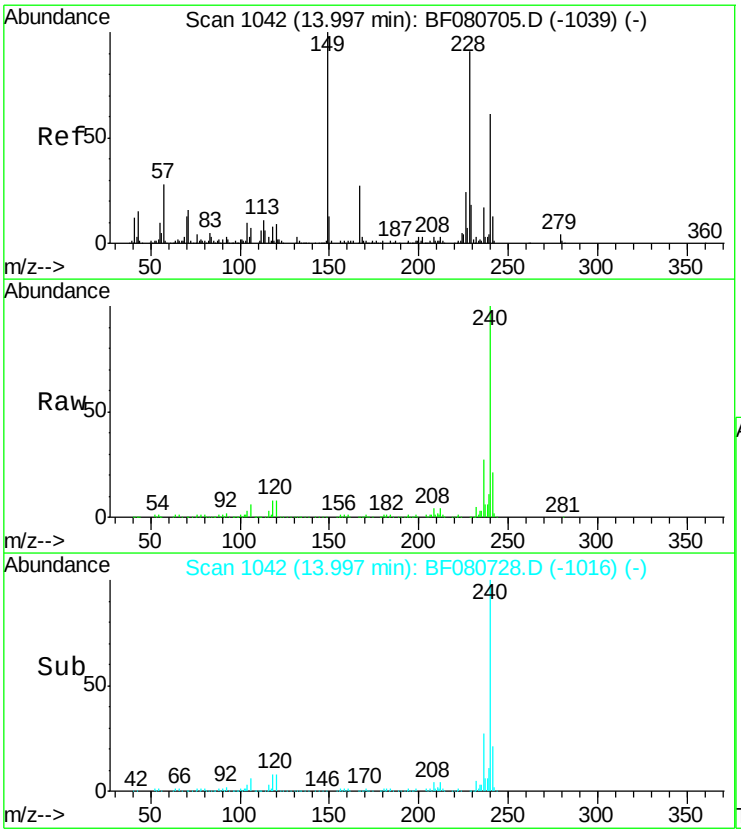
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:188 Resp: 714621

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.1	12.1#
80	7.8	9.1	13.7#

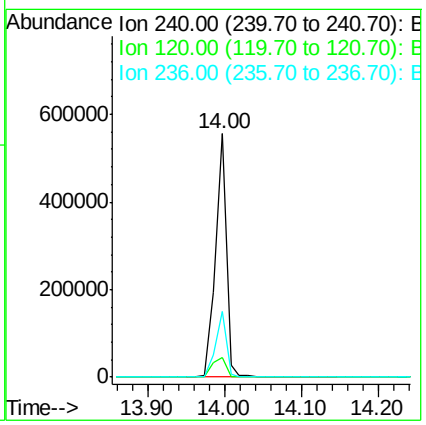


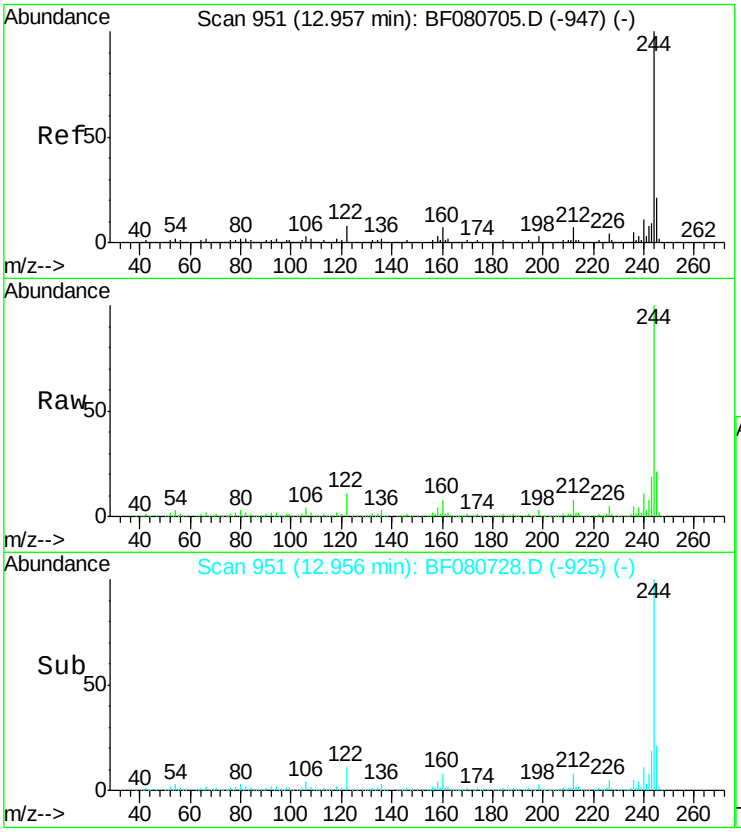


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:240 Resp: 545878

Ion	Ratio	Lower	Upper
240	100		
120	8.2	11.8	17.8#
236	26.9	21.8	32.8



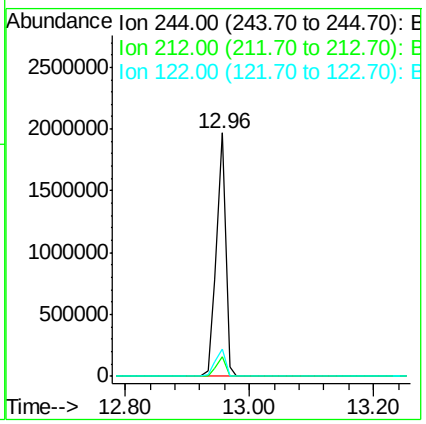


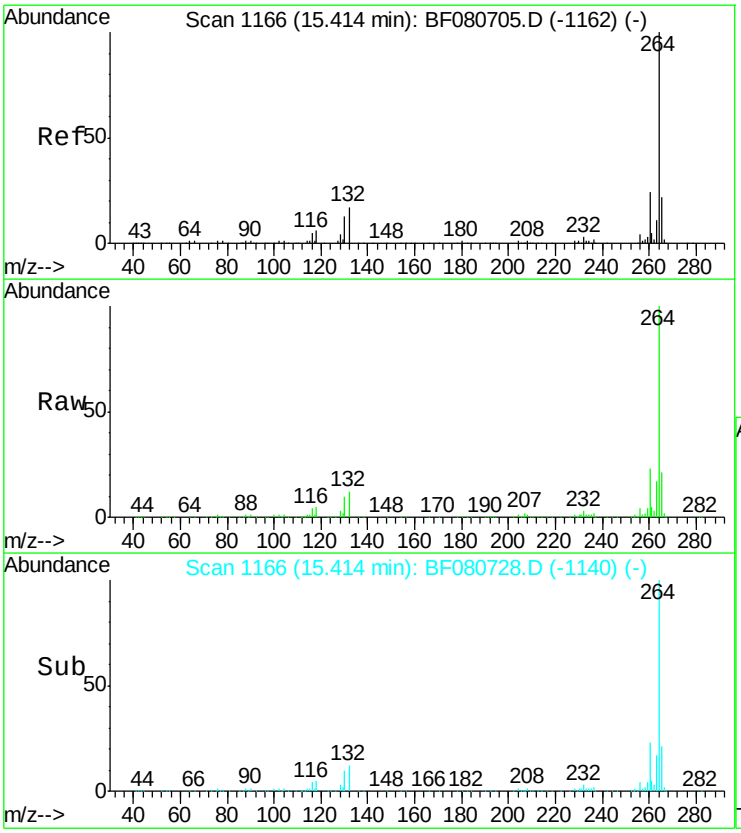
#78
Terphenyl-d14
Concen: 68.92 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

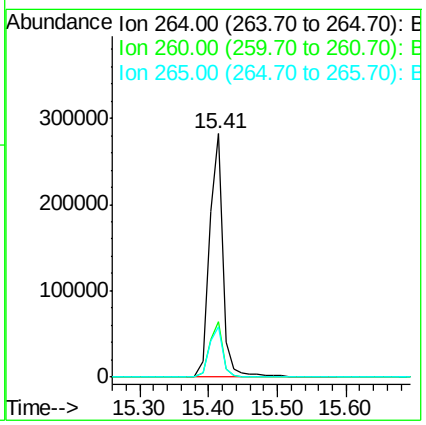
Tgt Ion:244 Resp: 1989332

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	11.0	6.6	9.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:264 Resp: 387875

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	20.9	17.3	25.9