Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081200.D
Acq On : 25 Aug 2015 15:55
Operator : UM/IZ
Sample : PB85176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85176BL

Quant Time: Aug 26 00:23:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	73733	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	266507	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	128047	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	256181	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	208044	20.00	ng	-0.02
86) Perylene-d12	14.97	264	174426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	439882	89.73	ng	0.00
7) Phenol-d6	6.17	99	636289	99.48	ng	-0.02
23) Nitrobenzene-d5	7.10	82	428061	73.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	112027	100.93	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	598246	61.22	ng	-0.01
78) Terphenyl-d14	12.62	244	633824	65.31	ng	-0.01
Target Compounds						Qvalue

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

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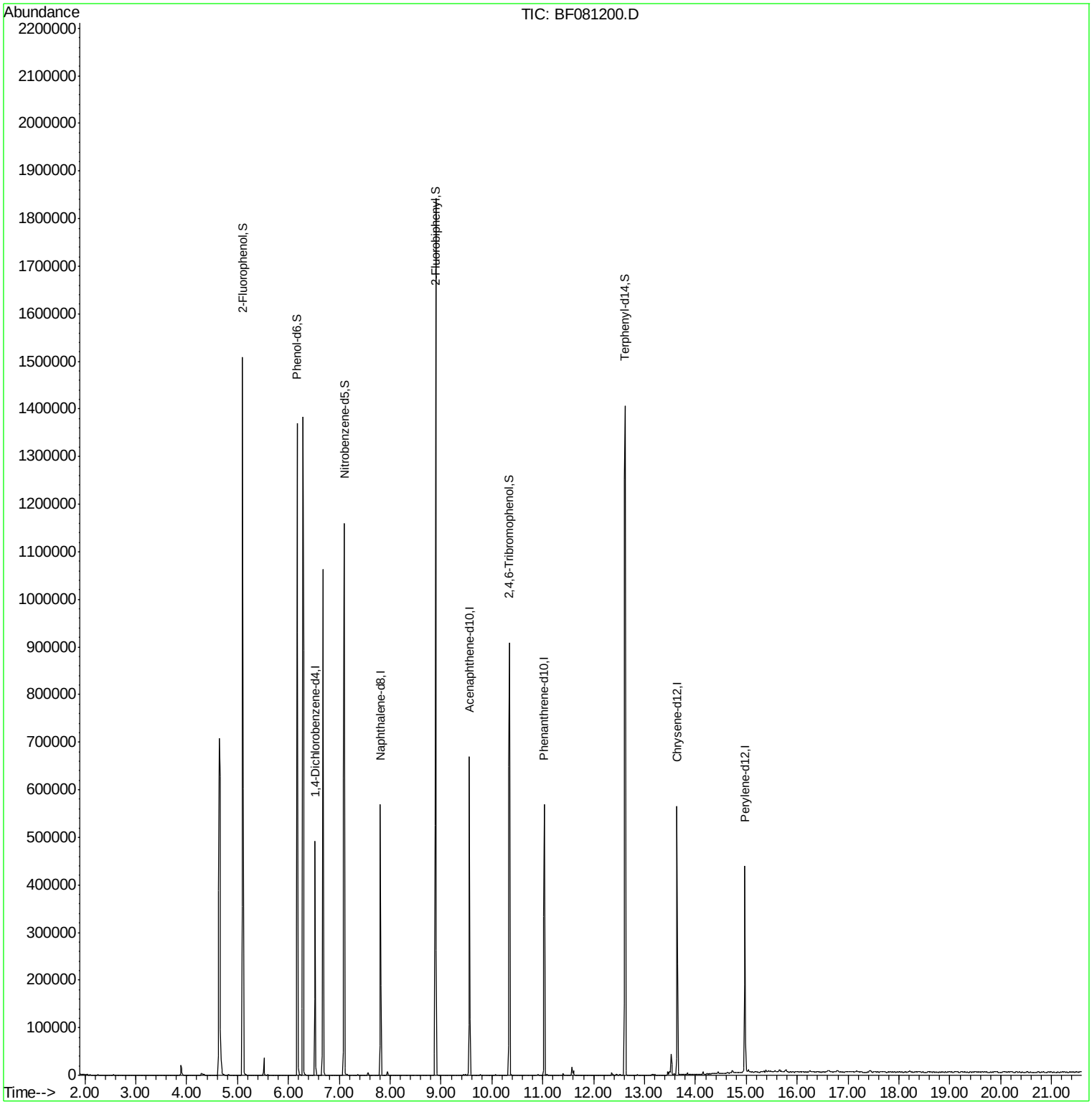
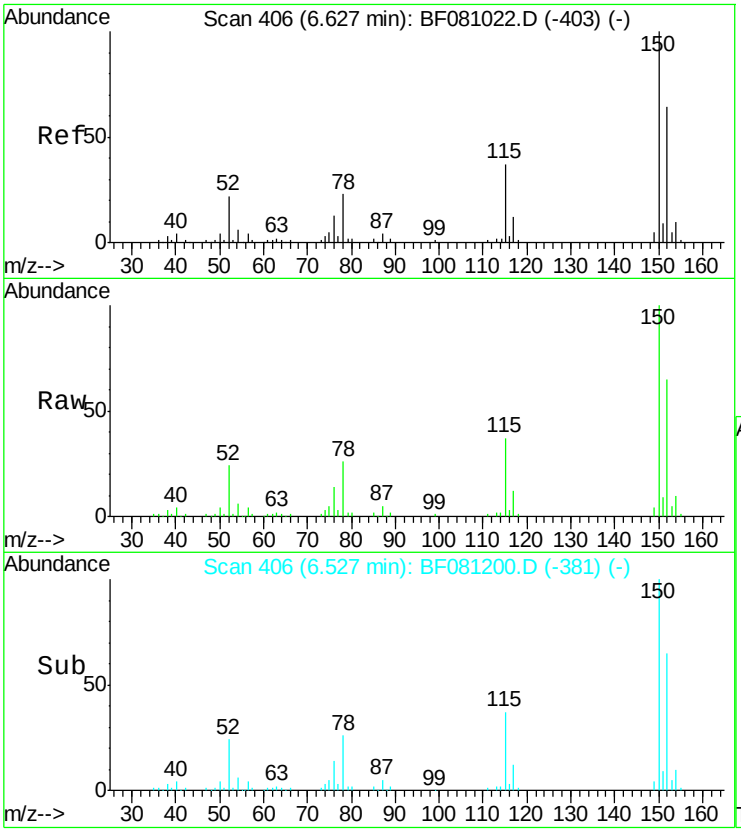


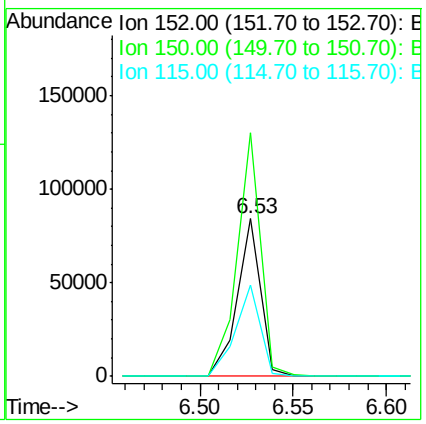


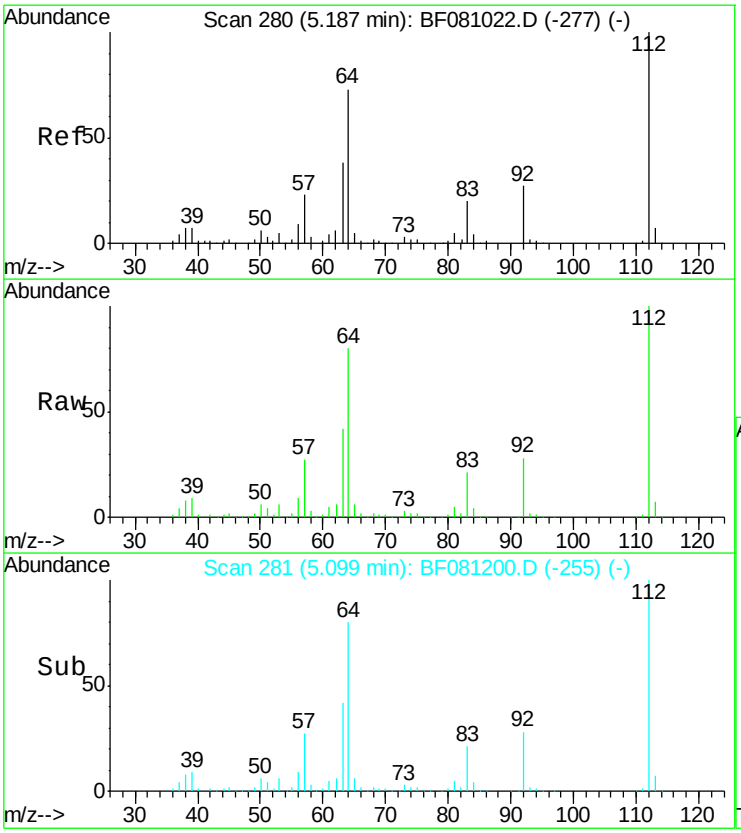
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion:152 Resp: 73733

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	57.5	52.1	78.1

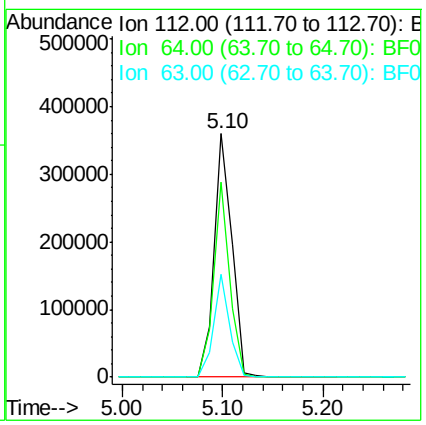


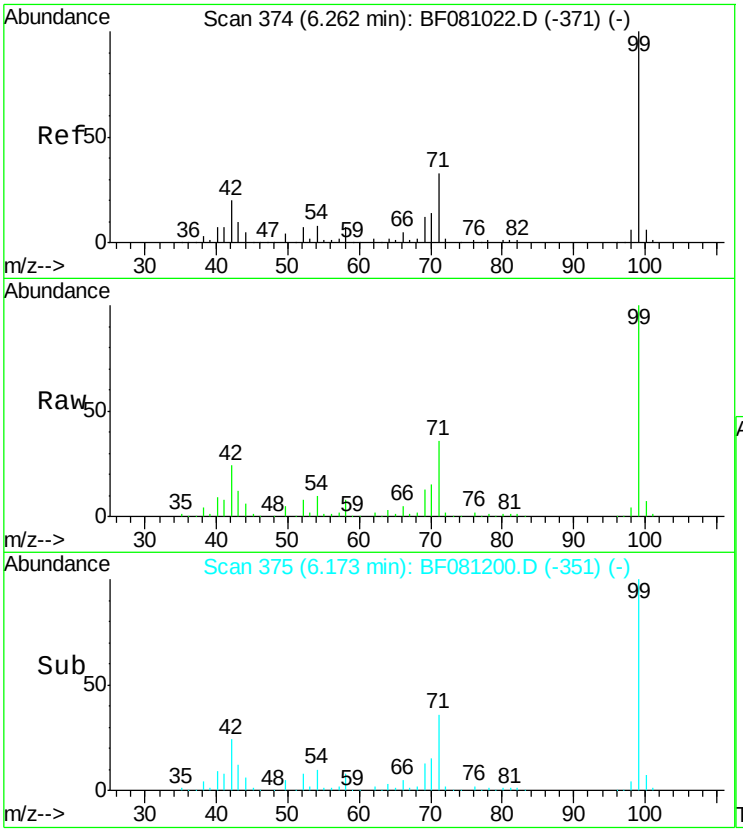


#5
2-Fluorophenol
Concen: 89.73 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:112 Resp: 439882

Ion	Ratio	Lower	Upper
112	100		
64	80.3	66.9	100.3
63	42.2	38.1	57.1



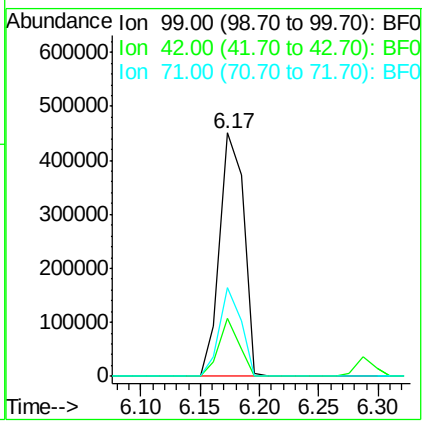


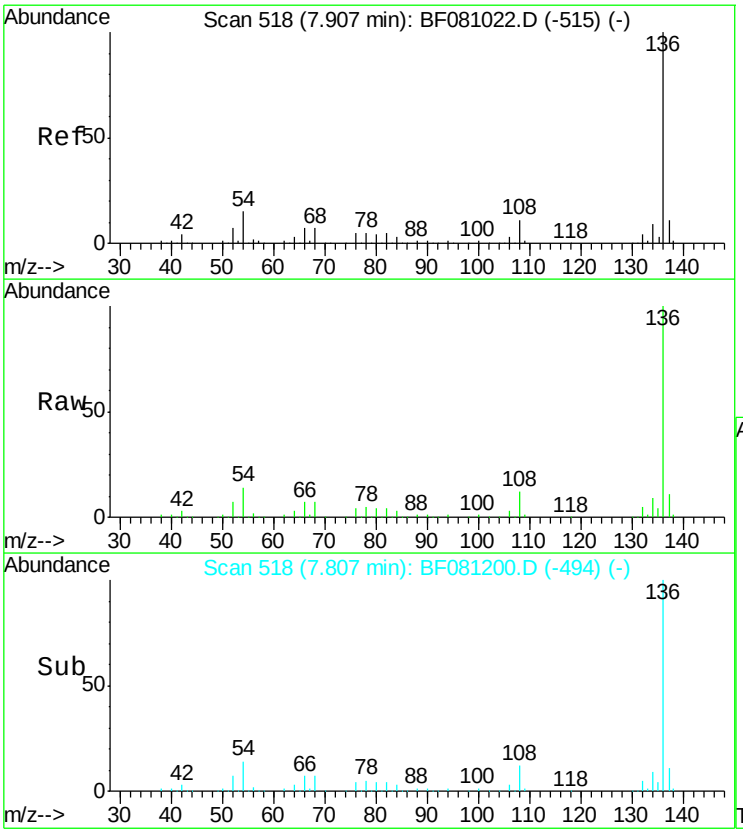
#7
Phenol-d6
Concen: 99.48 ng
RT: 6.17 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion: 99 Resp: 636289

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.6	29.4
71	36.3	31.2	46.8

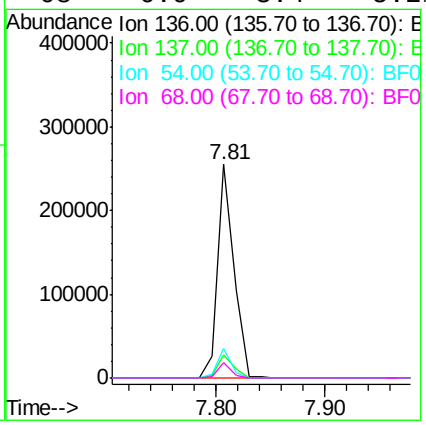


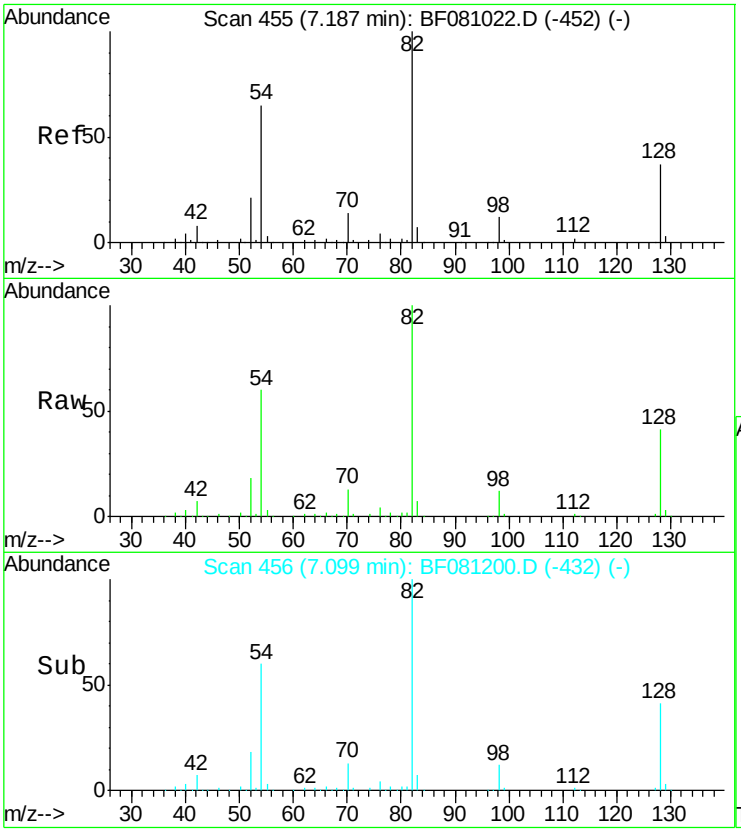


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:136 Resp: 266507

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	13.7	7.7	11.5#
68	6.9	3.4	5.2#



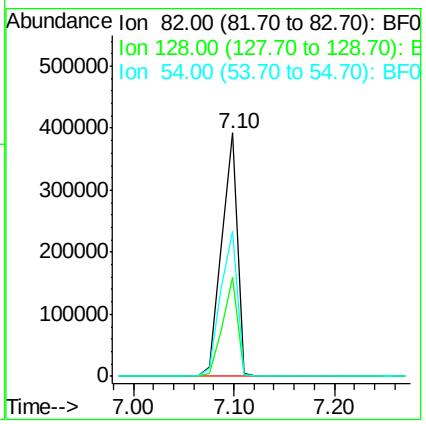


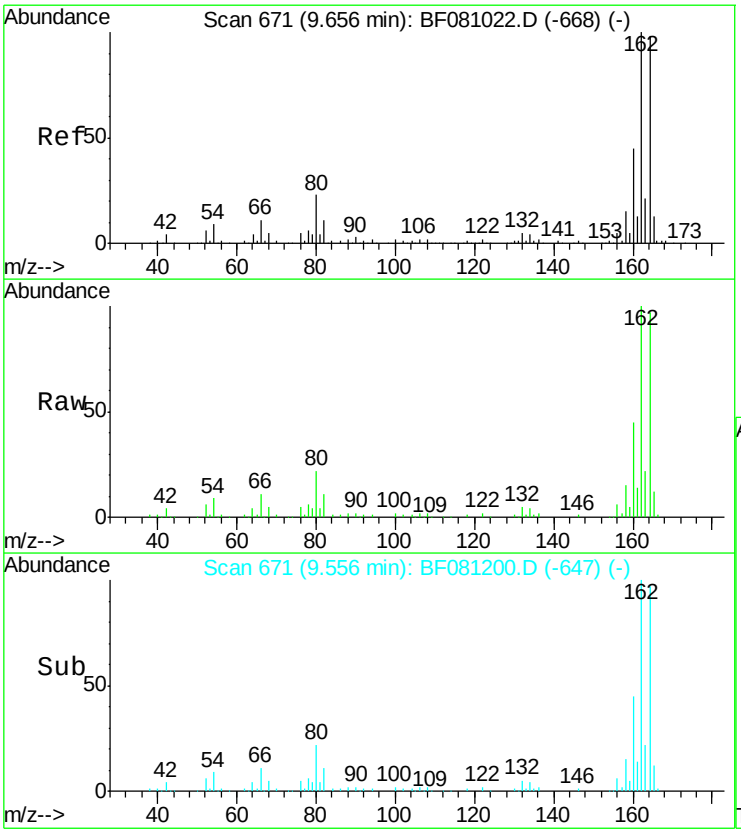
#23
Nitrobenzene-d5
Concen: 73.37 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion: 82 Resp: 428061

Ion	Ratio	Lower	Upper
82	100		
128	40.8	28.6	42.8
54	59.5	55.1	82.7

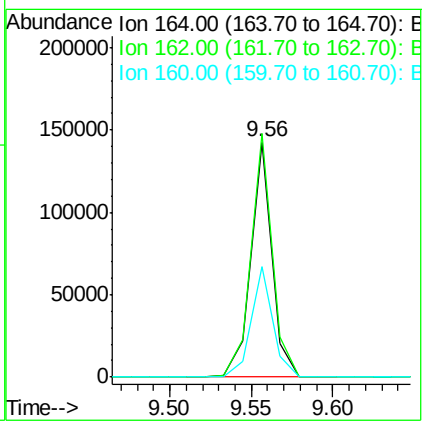


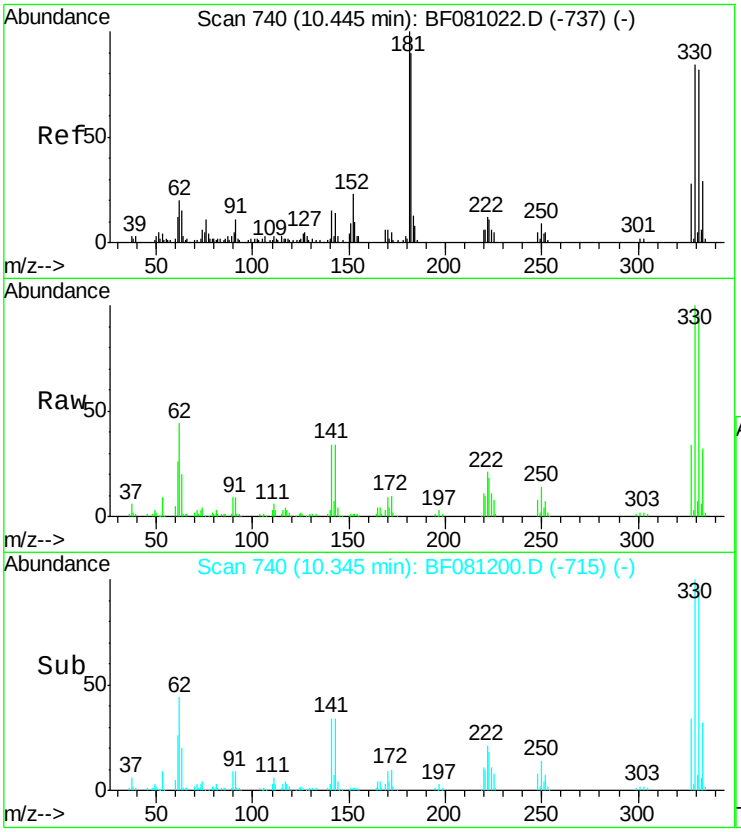


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:164 Resp: 128047

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.8	125.8
160	46.8	39.8	59.8



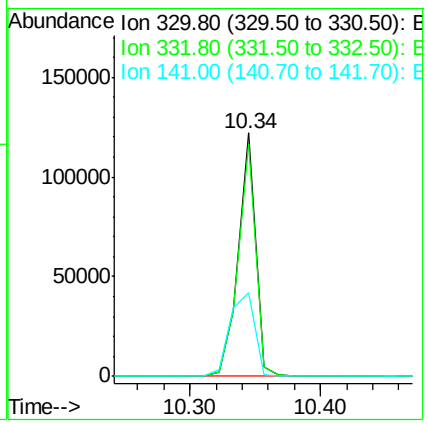


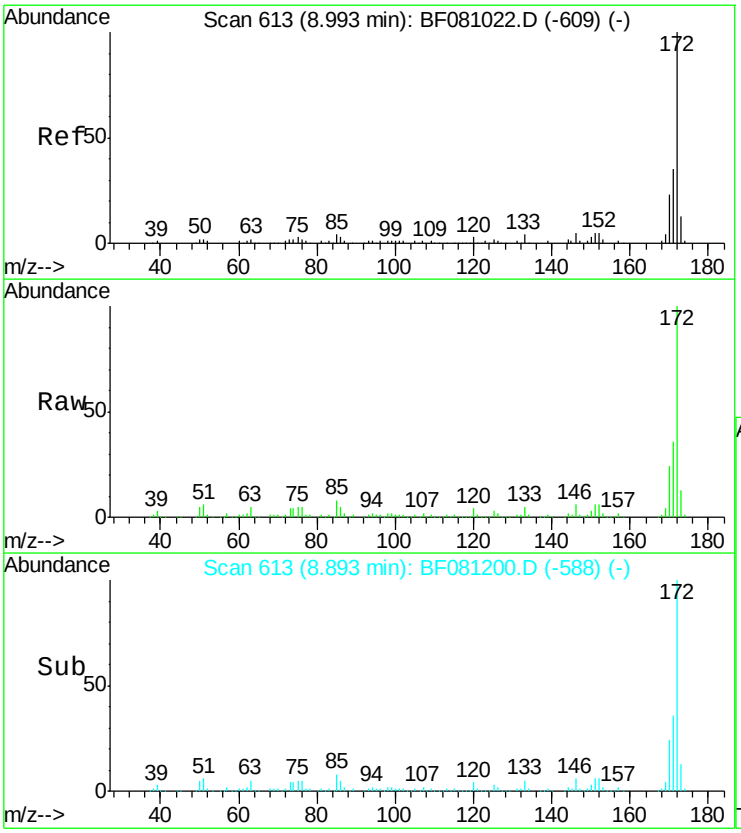
#41
2,4,6-Tribromophenol
Concen: 100.93 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion:330 Resp: 112027

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	49.0	44.9	67.3

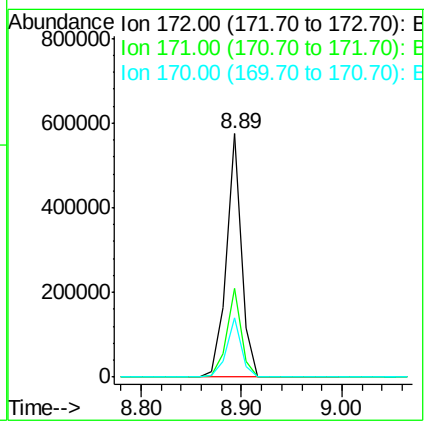


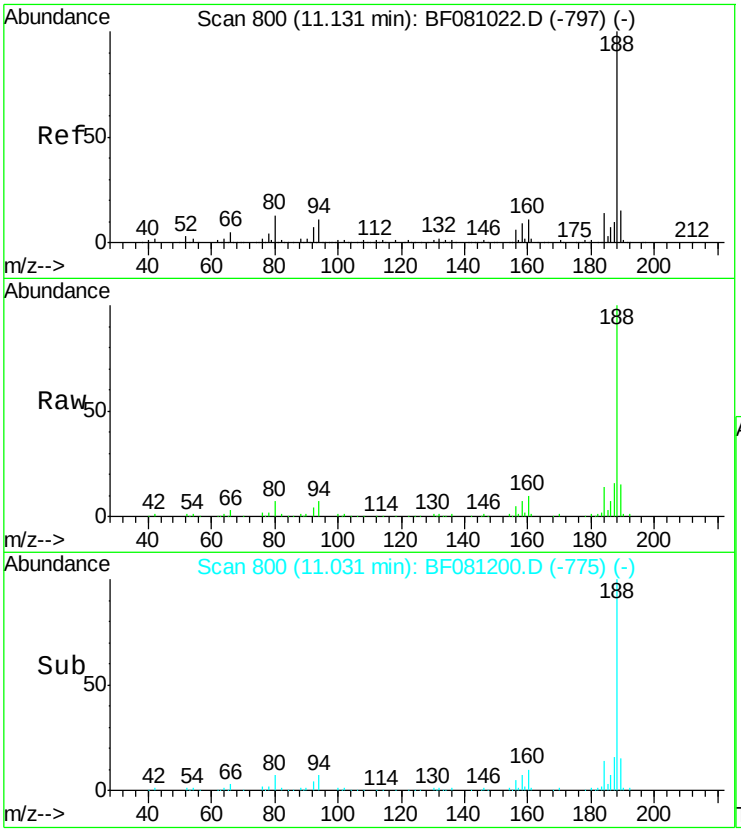


#44
2-Fluorobiphenyl
Concen: 61.22 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:172 Resp: 598246

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2



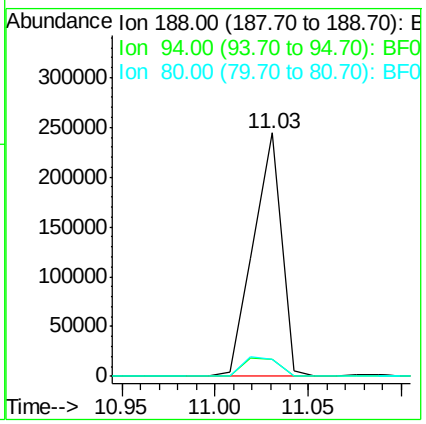


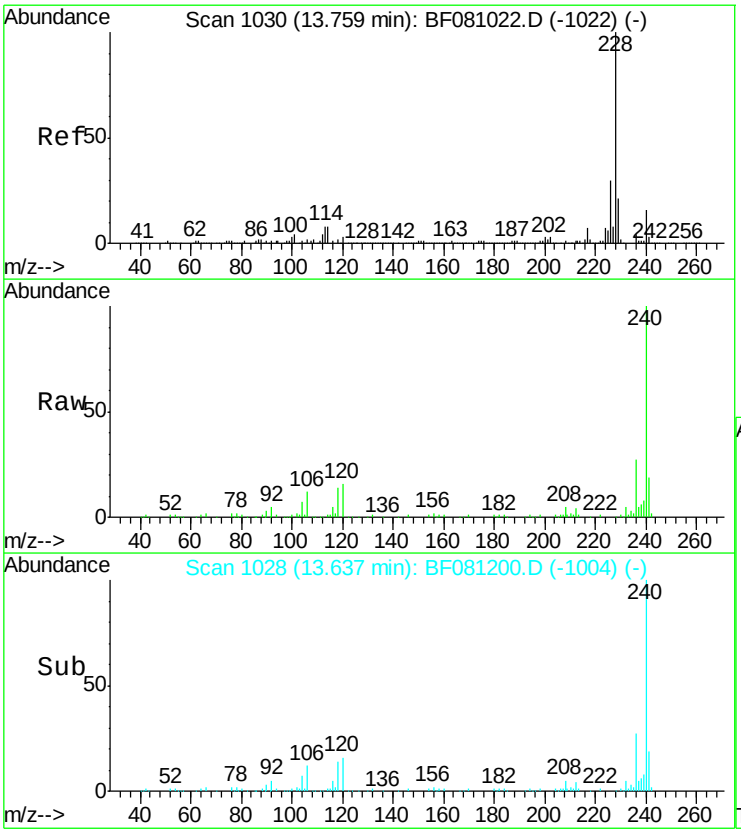
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion:188 Resp: 256181

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.2	12.2#
80	7.3	9.5	14.3#

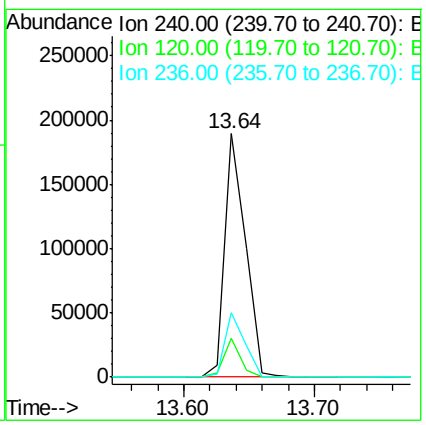


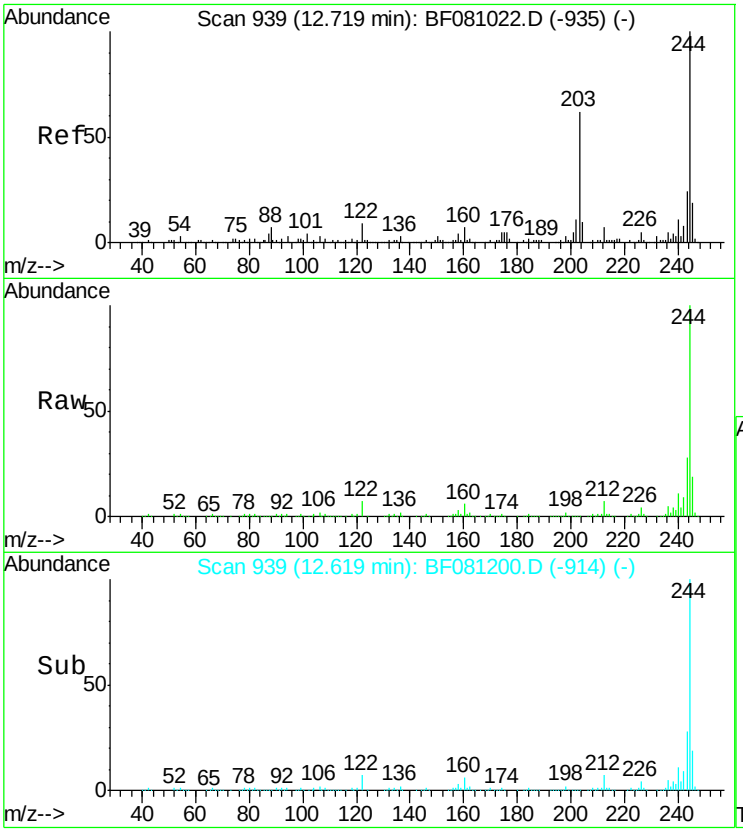


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:240 Resp: 208044

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.6	8.4#
236	26.5	20.6	30.8



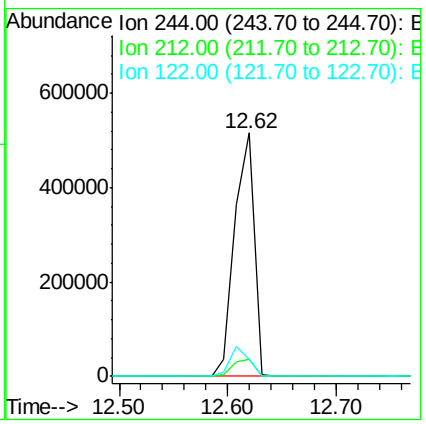


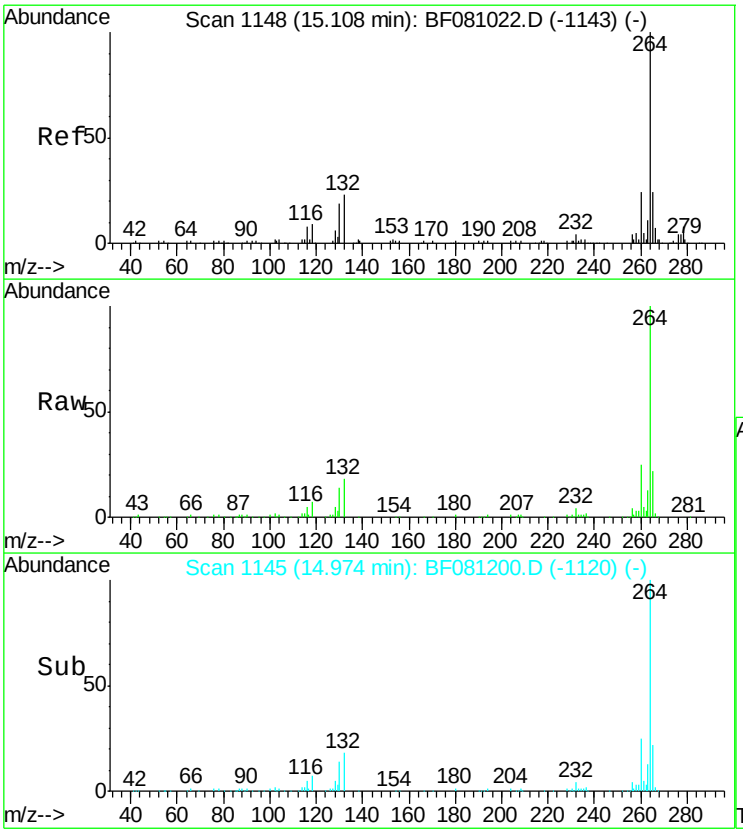
#78
Terphenyl-d14
Concen: 65.31 ng
RT: 12.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85176BL

Tgt Ion:244 Resp: 633824

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	6.8	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion:264 Resp: 174426

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.8	17.5	26.3