Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082151.D
Acq On : 9 Oct 2015 18:10
Operator : UM/IZ
Sample : G3906-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(1.5-02)

Quant Time: Oct 09 23:14:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110773	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	434866	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	199525	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	355519	20.00	ng	0.00
75) Chrysene-d12	14.02	240	280044	20.00	ng	-0.01
86) Perylene-d12	15.46	264	227734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	482910	79.14	ng	0.01
7) Phenol-d6	6.48	99	387290	50.44	ng	-0.01
23) Nitrobenzene-d5	7.42	82	660937	101.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	251642	124.53	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1313949	119.41	ng	0.00
78) Terphenyl-d14	12.97	244	1049333	154.20	ng	0.00
Target Compounds						Qvalue

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

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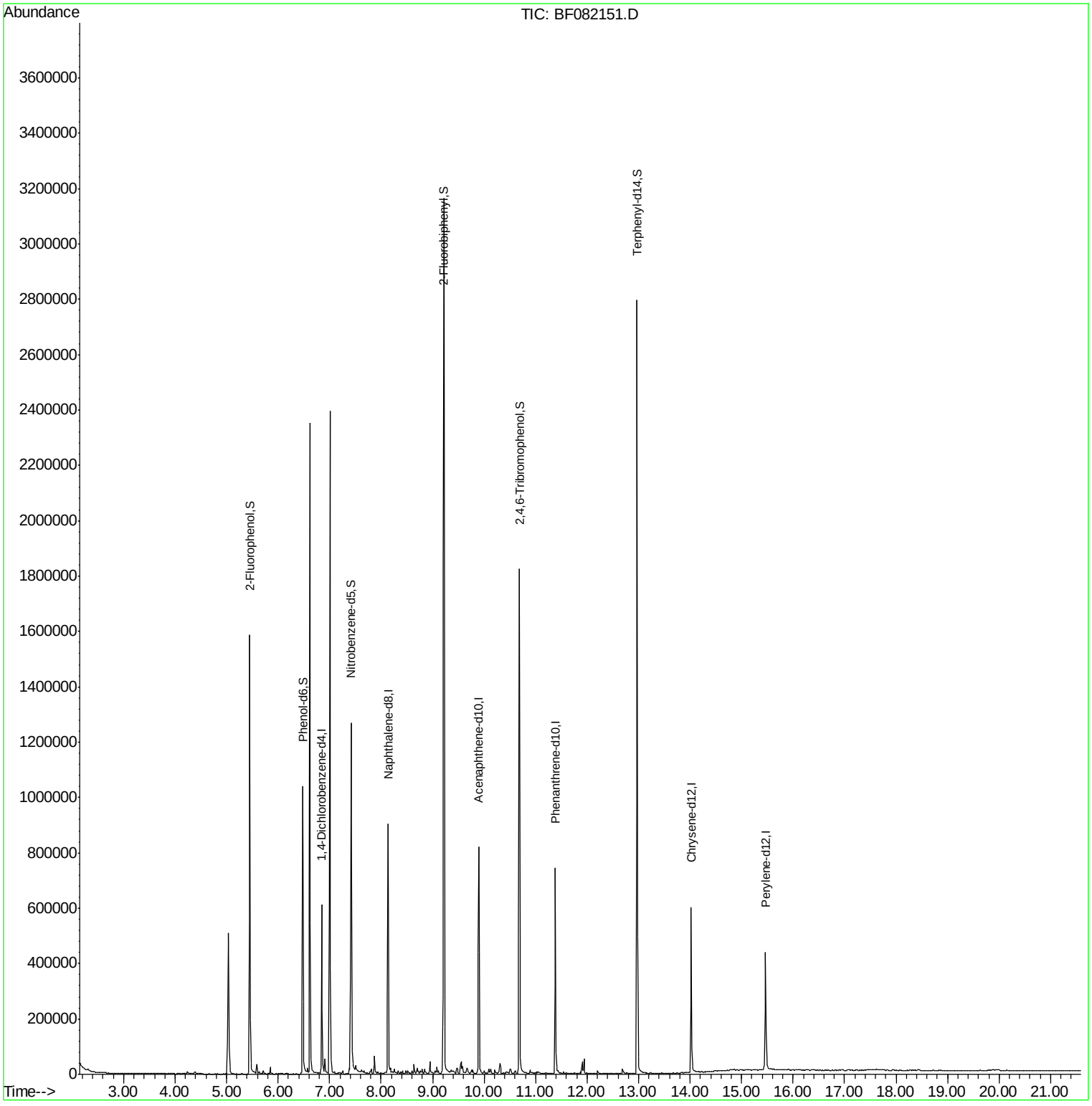
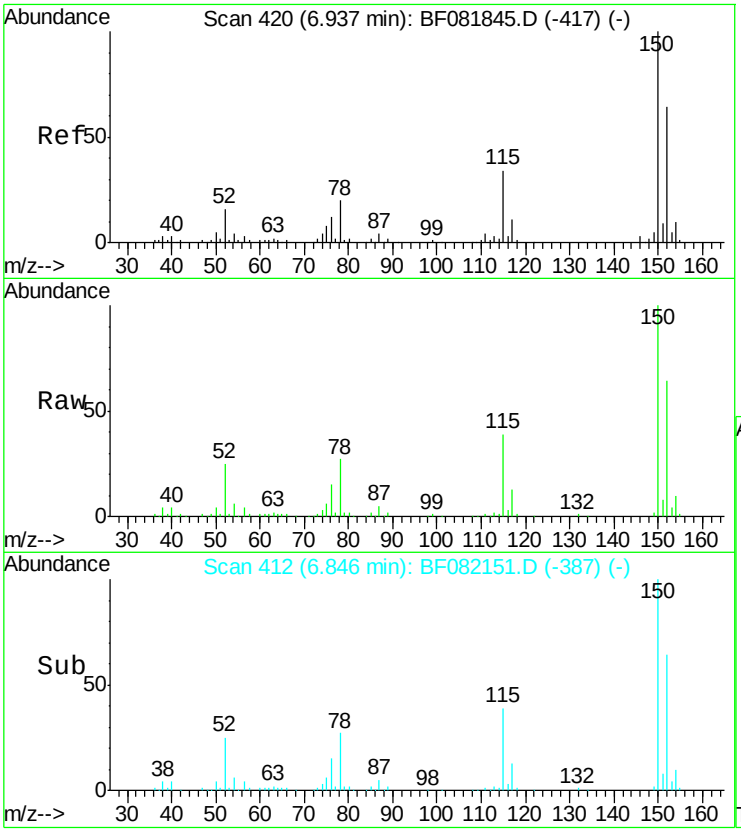


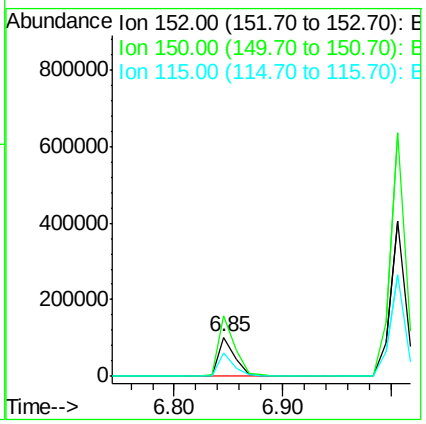


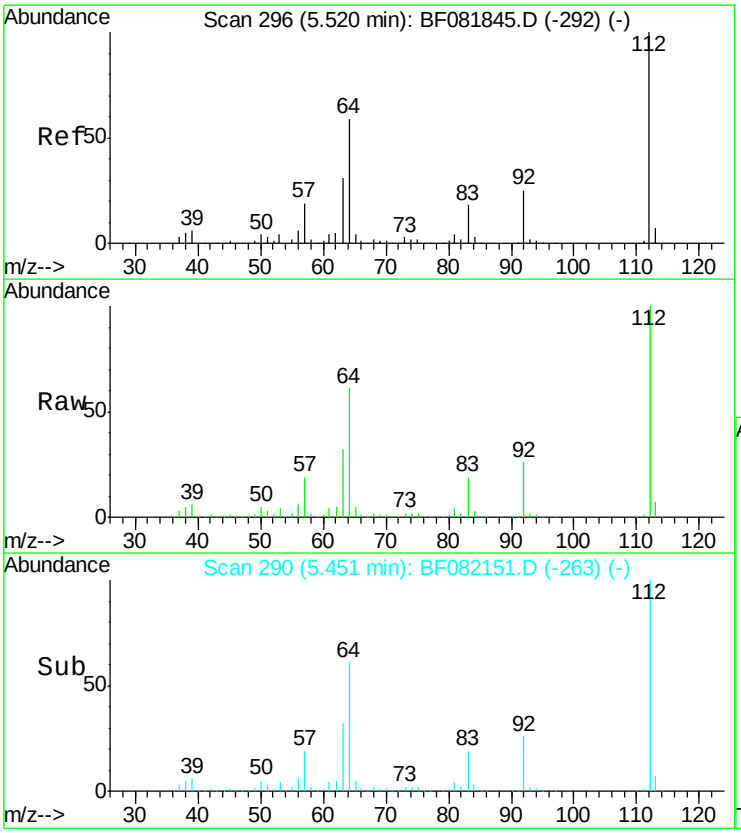
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion:152 Resp: 110773

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	61.9	39.0	58.4#

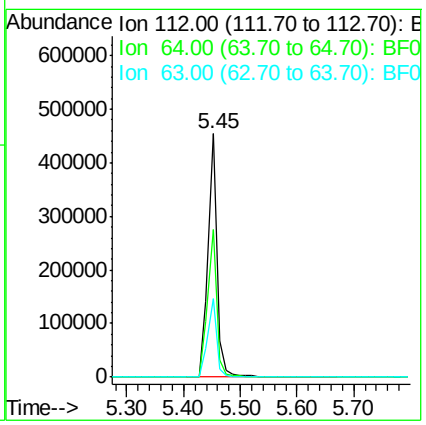


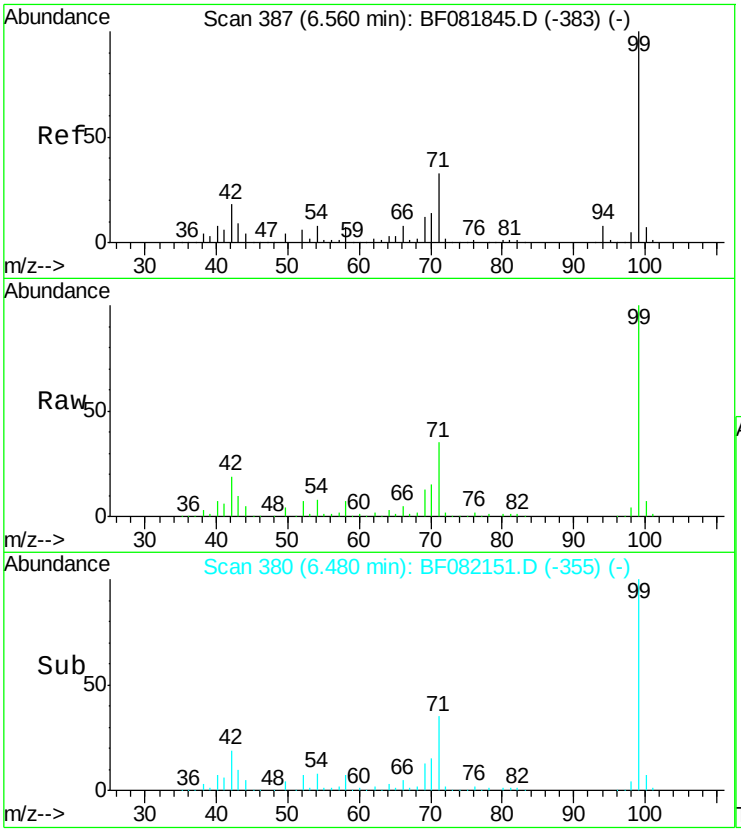


#5
2-Fluorophenol
Concen: 79.14 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:112 Resp: 482910

Ion	Ratio	Lower	Upper
112	100		
64	60.5	39.7	59.5#
63	32.1	17.4	26.0#



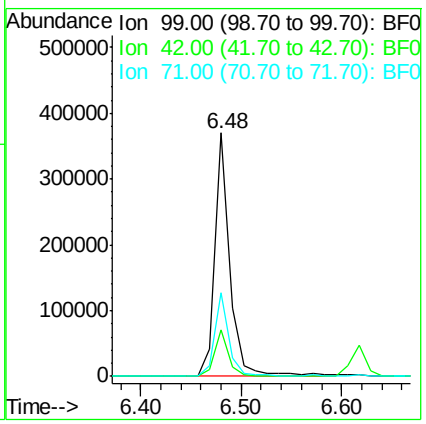


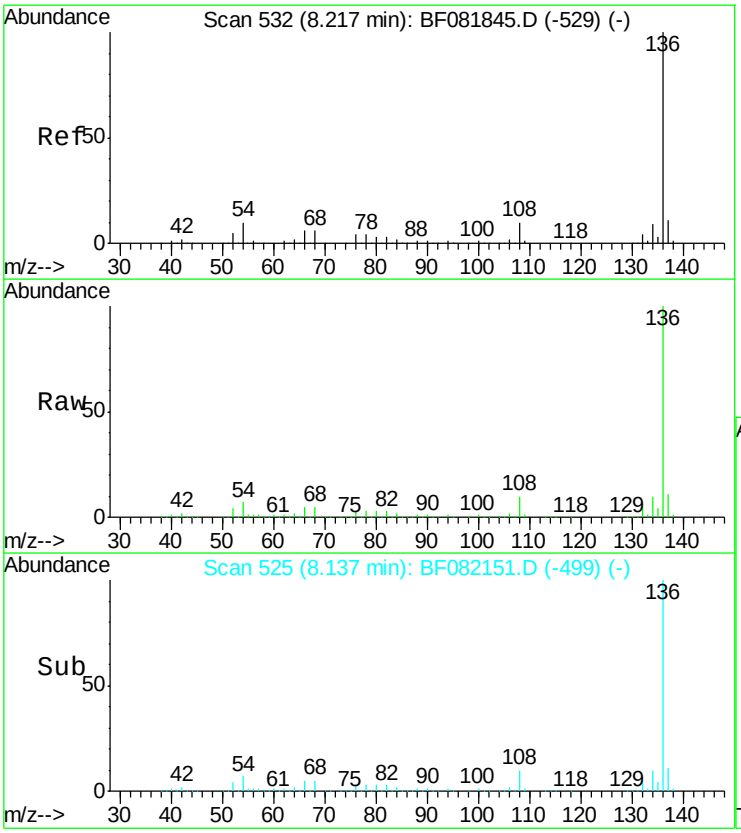
#7
Phenol-d6
Concen: 50.44 ng
RT: 6.48 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion: 99 Resp: 387290

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.7	20.5
71	34.6	14.2	21.2#

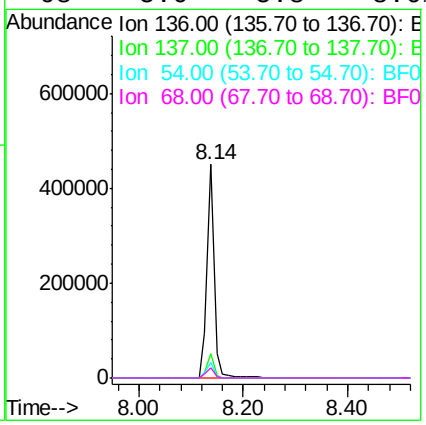


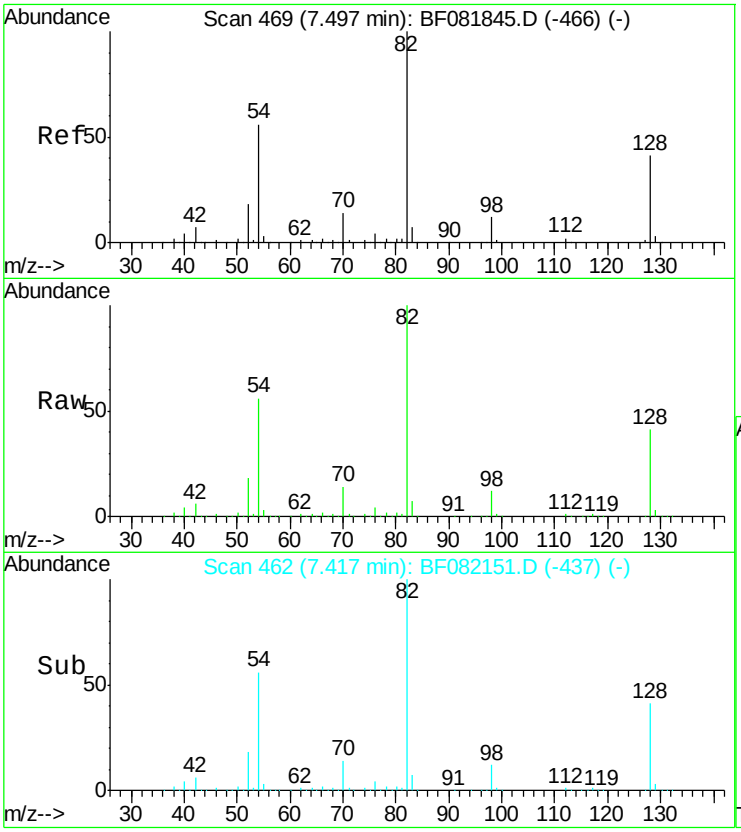


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:136 Resp: 434866

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.5	8.2	12.2#
68	5.0	5.8	8.6#



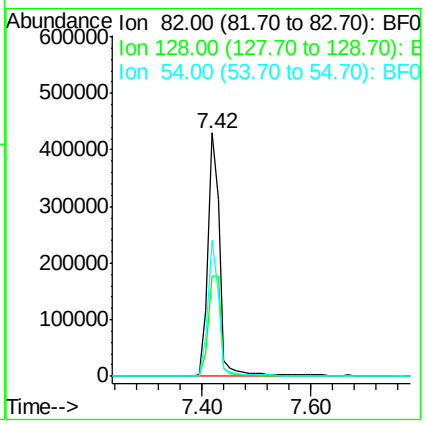


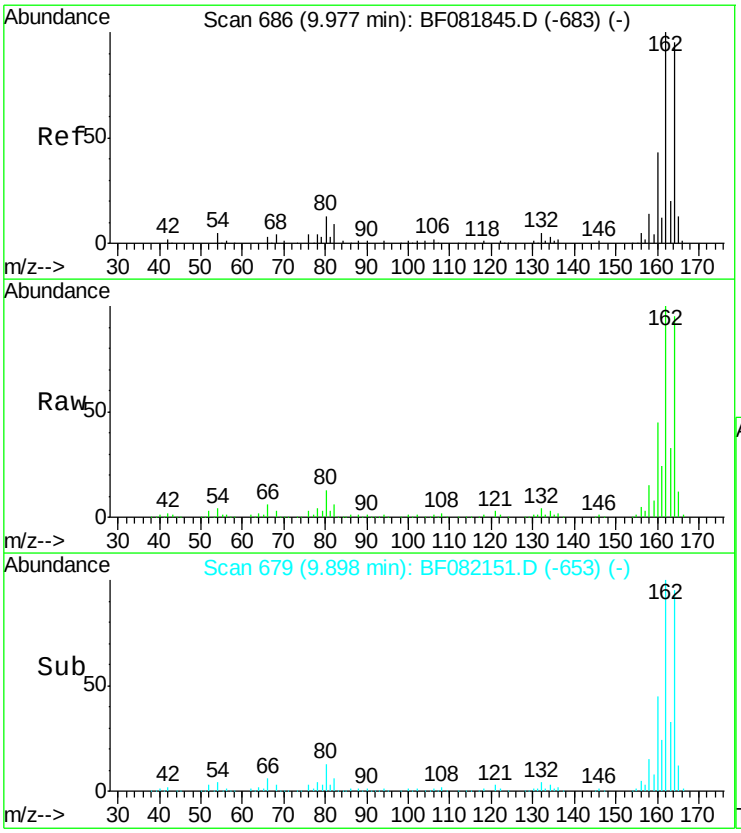
#23
Nitrobenzene-d5
Concen: 101.31 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion: 82 Resp: 660937

Ion	Ratio	Lower	Upper
82	100		
128	40.9	51.0	76.6#
54	55.9	47.5	71.3

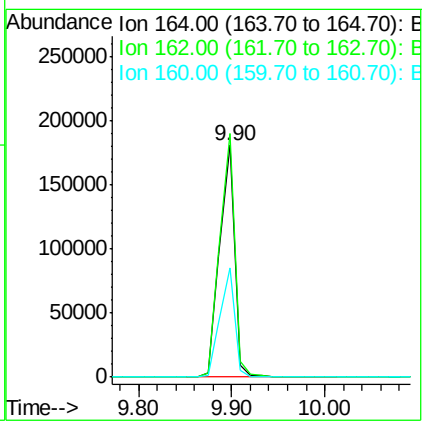


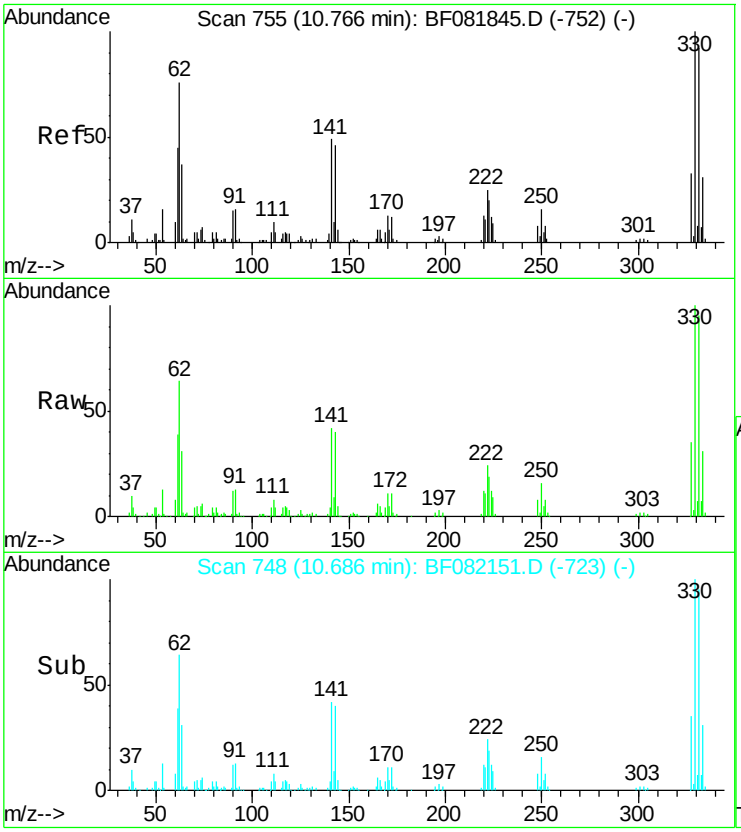


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:164 Resp: 199525

Ion	Ratio	Lower	Upper
164	100		
162	105.2	75.2	112.8
160	47.1	31.5	47.3



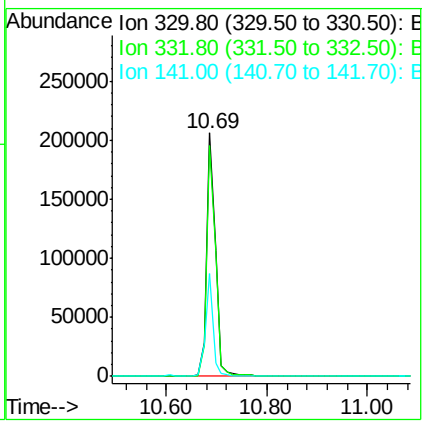


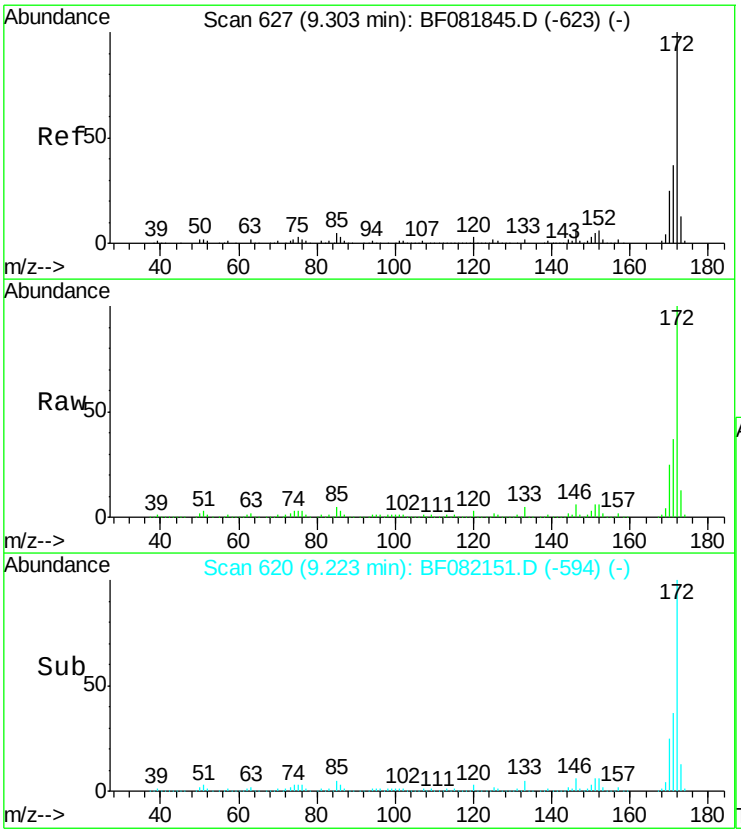
#41
2,4,6-Tribromophenol
Concen: 124.53 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion:330 Resp: 251642

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	36.9	29.7	44.5

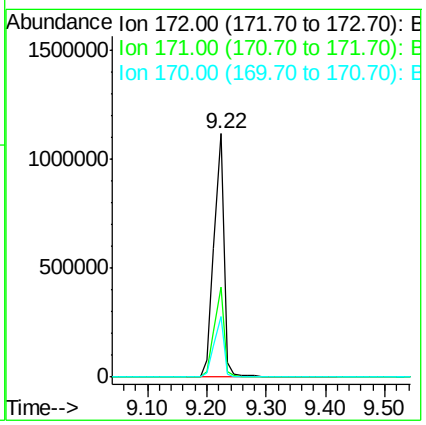


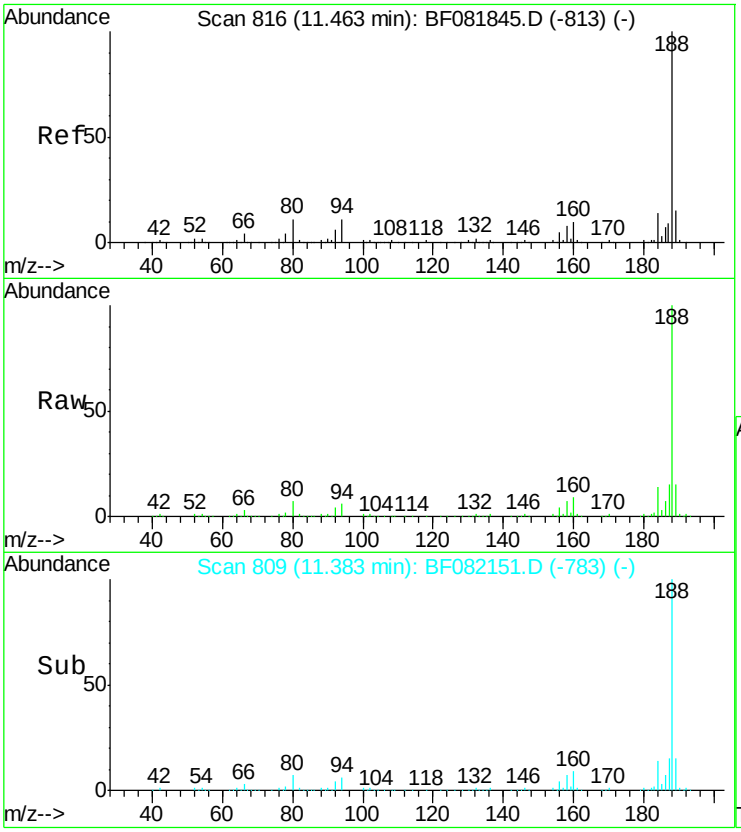


#44
2-Fluorobiphenyl
Concen: 119.41 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:172 Resp: 1313949

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	24.8	17.4	26.2



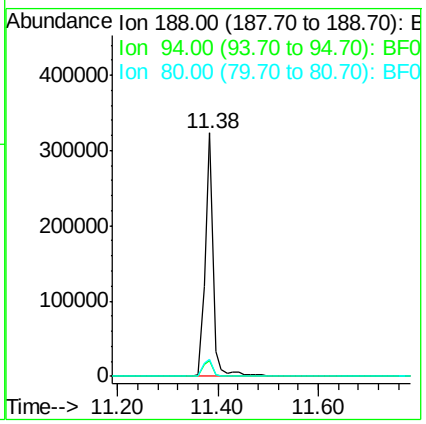


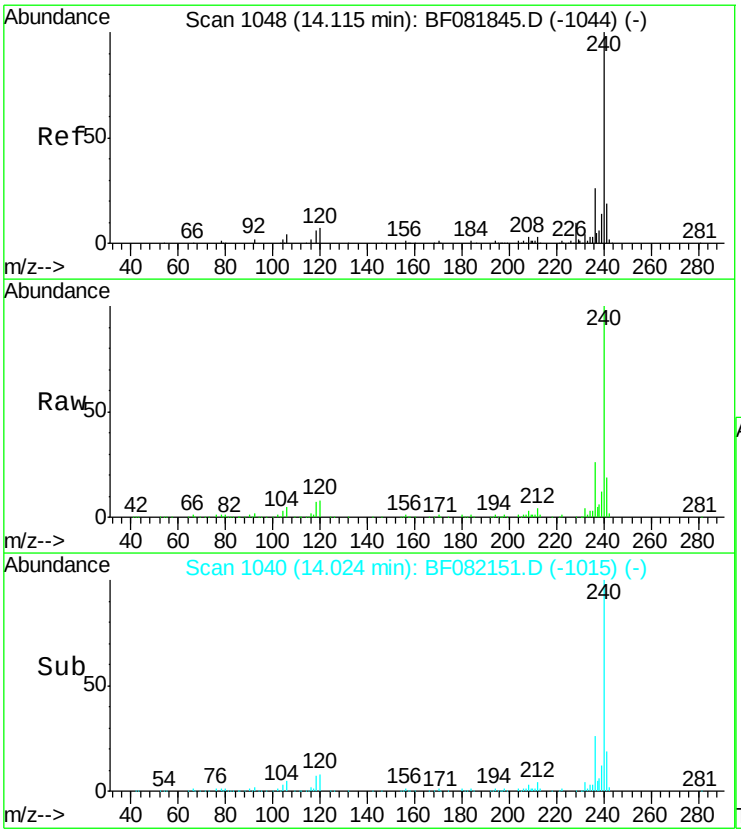
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion:188 Resp: 355519

Ion	Ratio	Lower	Upper
188	100		
94	6.4	11.1	16.7#
80	6.9	11.0	16.4#

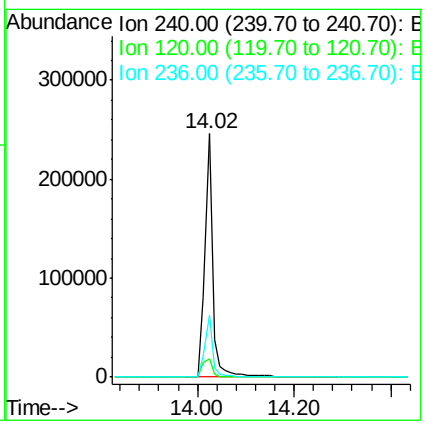


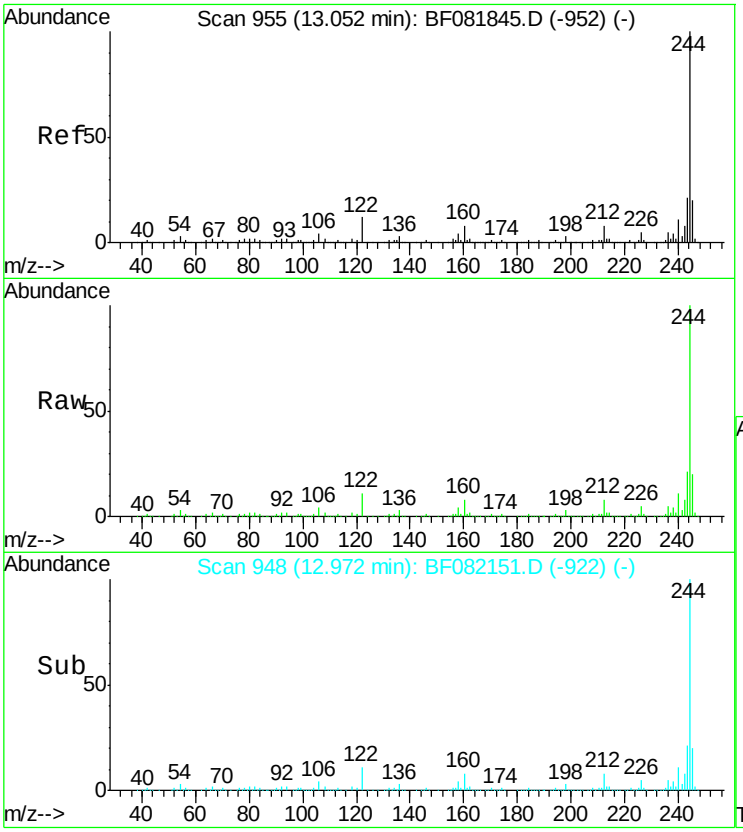


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:240 Resp: 280044

Ion	Ratio	Lower	Upper
240	100		
120	7.7	16.2	24.2#
236	25.7	18.4	27.6



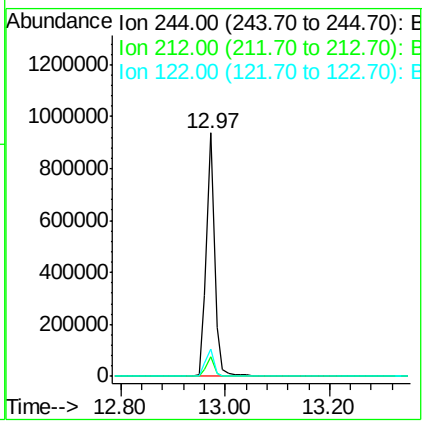


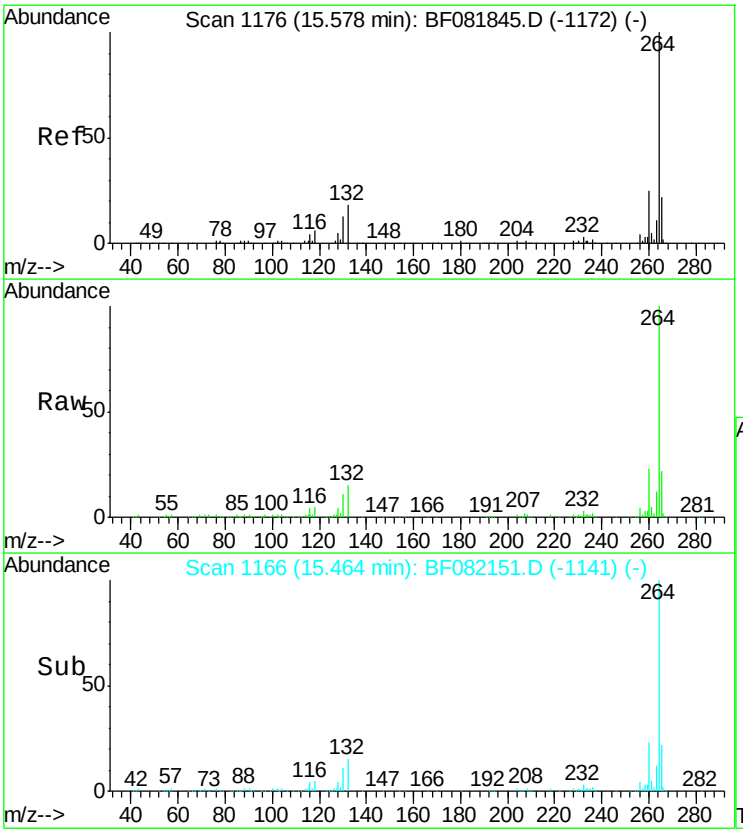
#78
Terphenyl-d14
Concen: 154.20 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)

Tgt Ion:244 Resp: 1049333

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.1	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion:264 Resp: 227734

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.6	17.2	25.8