Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080217.D
Acq On : 29 Jun 2015 20:30
Operator : TP/IZ
Sample : G2829-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8

Quant Time: Jun 30 04:24:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	29699	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	112874	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	58128	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	115428	20.00	ng	-0.05
75) Chrysene-d12	14.89	240	127935	20.00	ng	-0.10
86) Perylene-d12	16.80	264	128093	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	102908	61.34	ng	-0.03
7) Phenol-d6	6.89	99	80932	36.25	ng	-0.03
23) Nitrobenzene-d5	7.85	82	204759	105.61	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	85947	151.21	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	392909	96.40	ng	-0.03
78) Terphenyl-d14	13.59	244	479818	87.59	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	10.05	163	9965	2.28	ng	# 98

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

Quantitation Report (LSC Reviewed)

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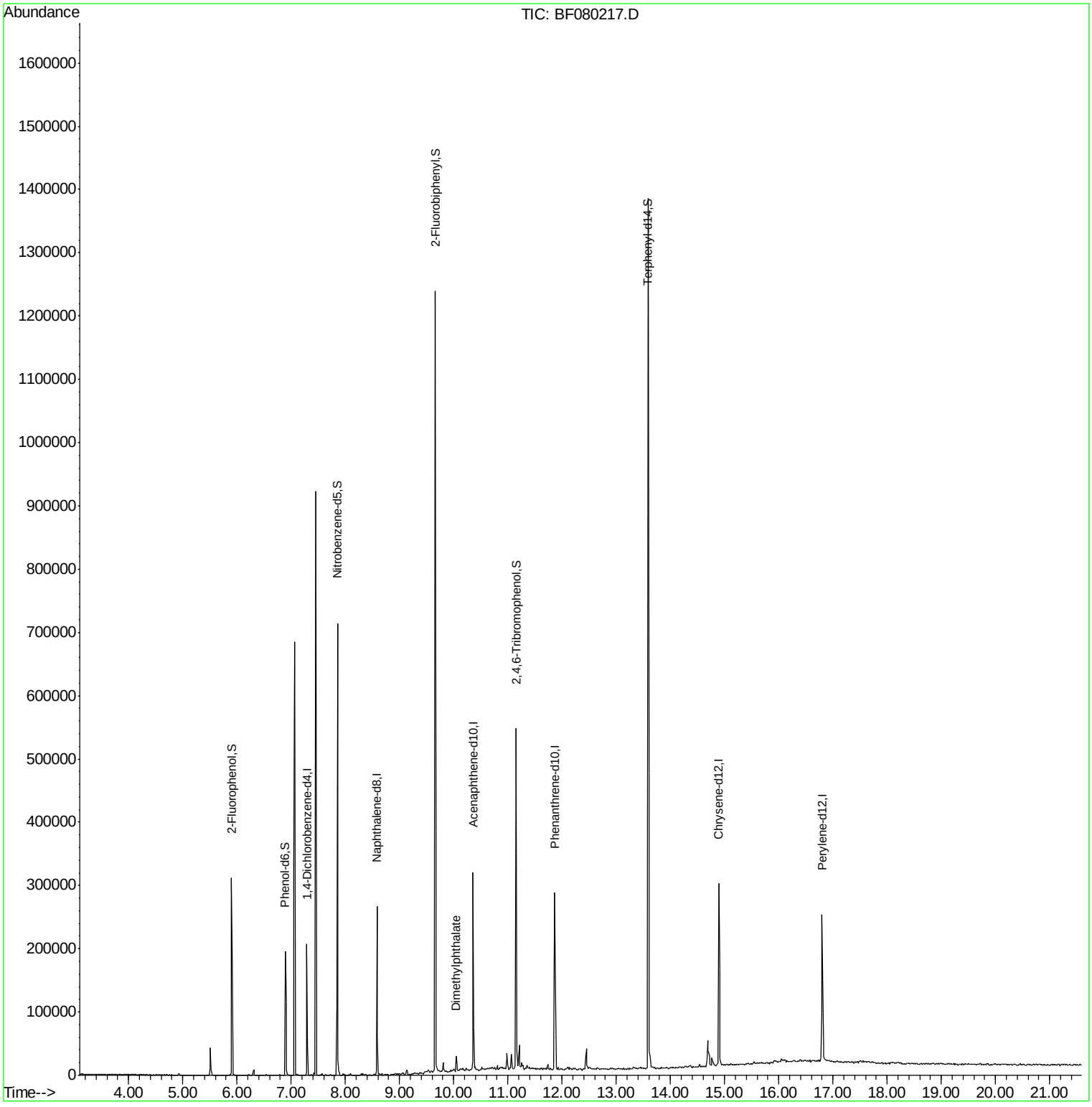
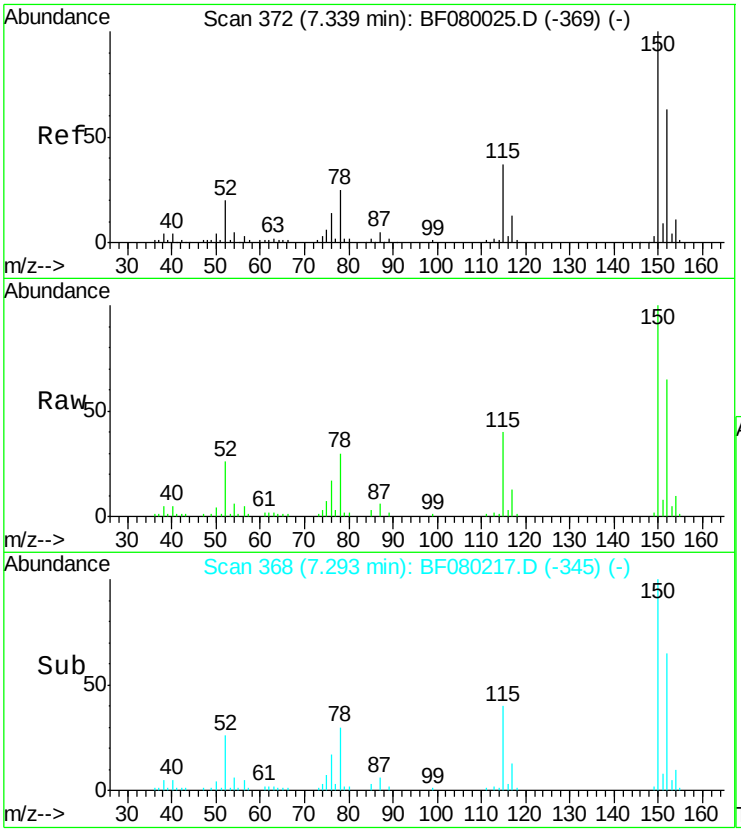


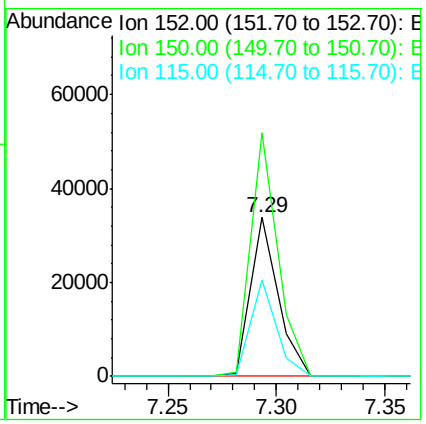


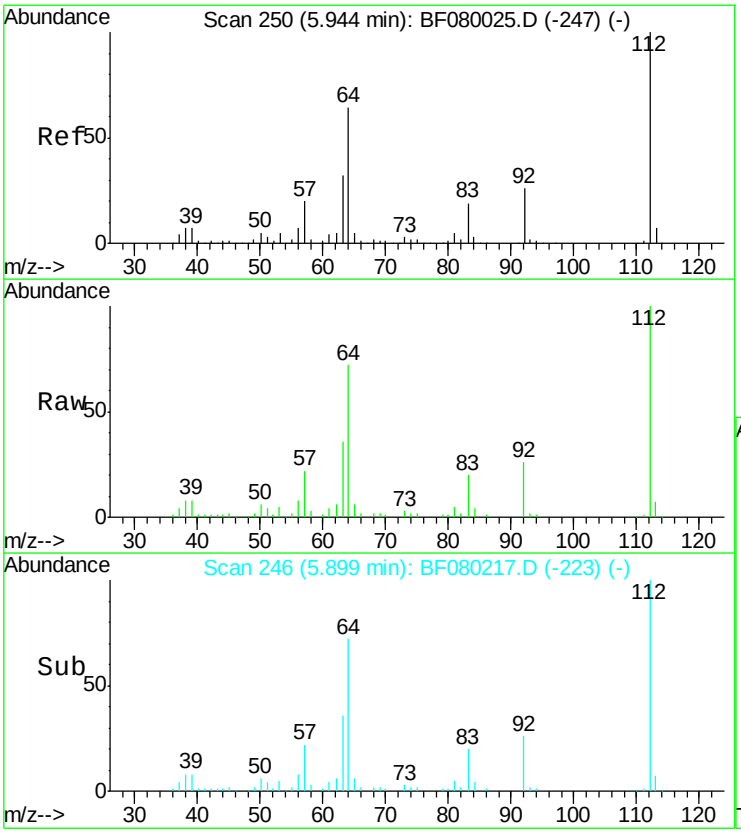
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 29699

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	60.9	39.0	58.4#

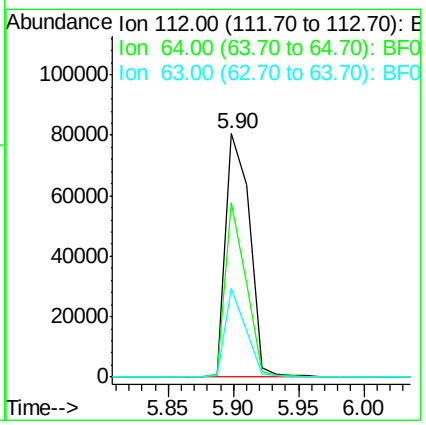


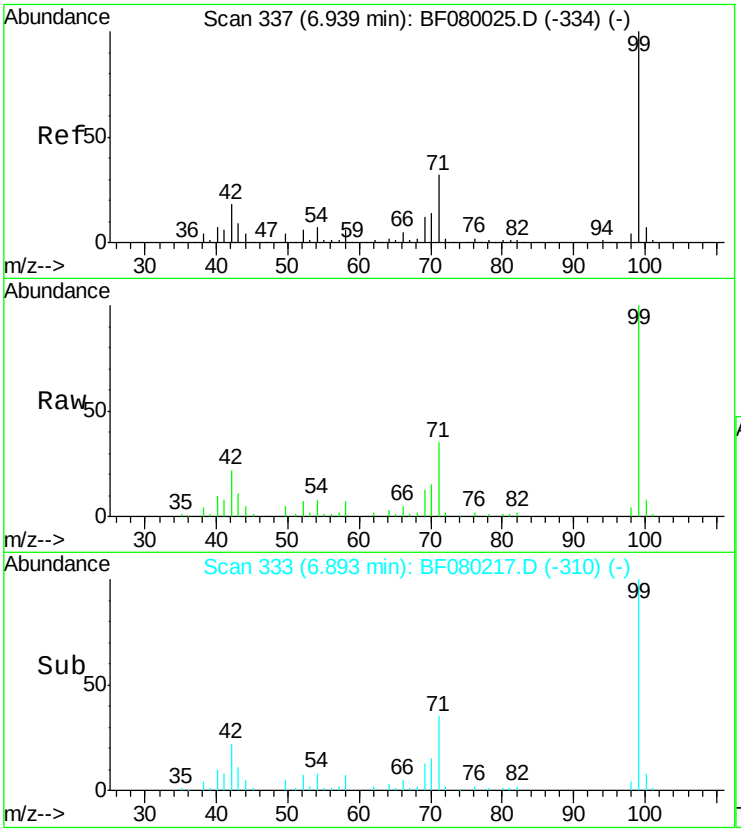


#5
2-Fluorophenol
Concen: 61.34 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:112 Resp: 102908

Ion	Ratio	Lower	Upper
112	100		
64	71.6	39.7	59.5#
63	36.3	17.4	26.0#



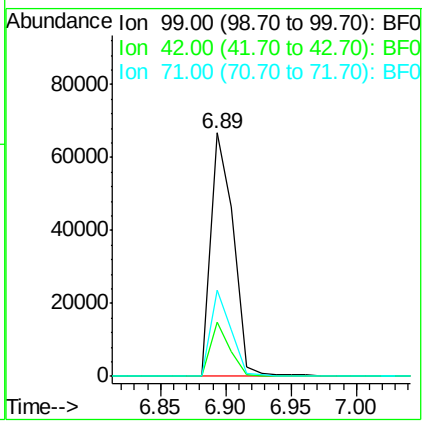


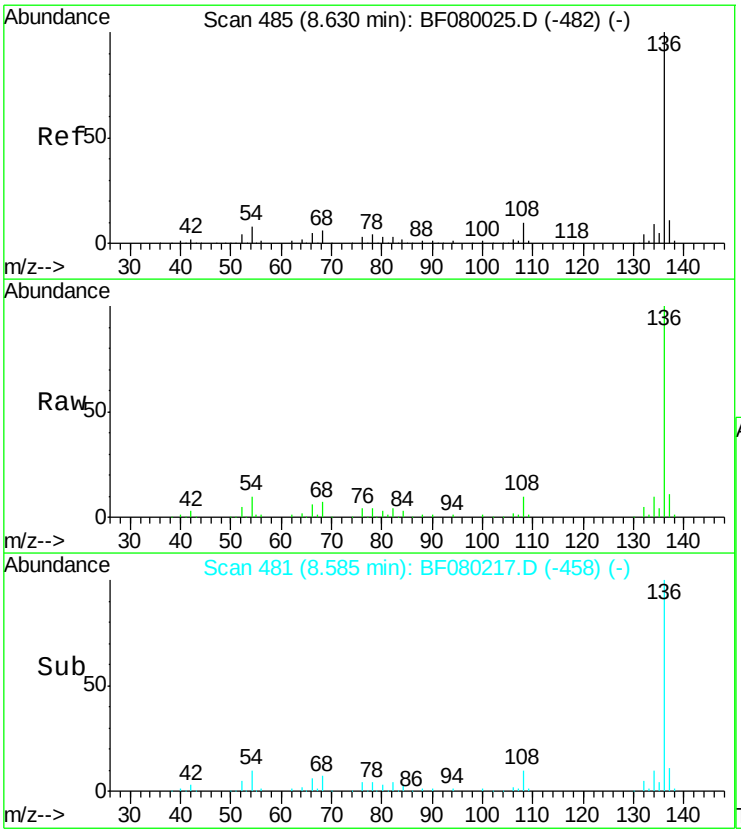
#7
Phenol-d6
Concen: 36.25 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion: 99 Resp: 80932

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.7	20.5#
71	35.2	14.2	21.2#

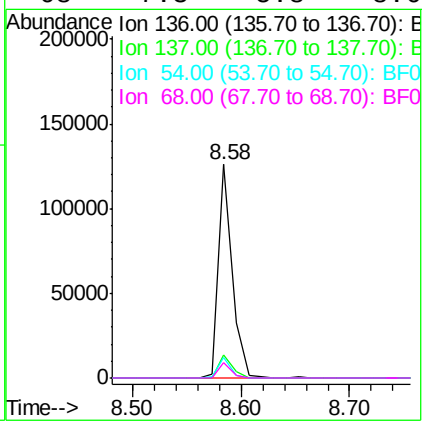


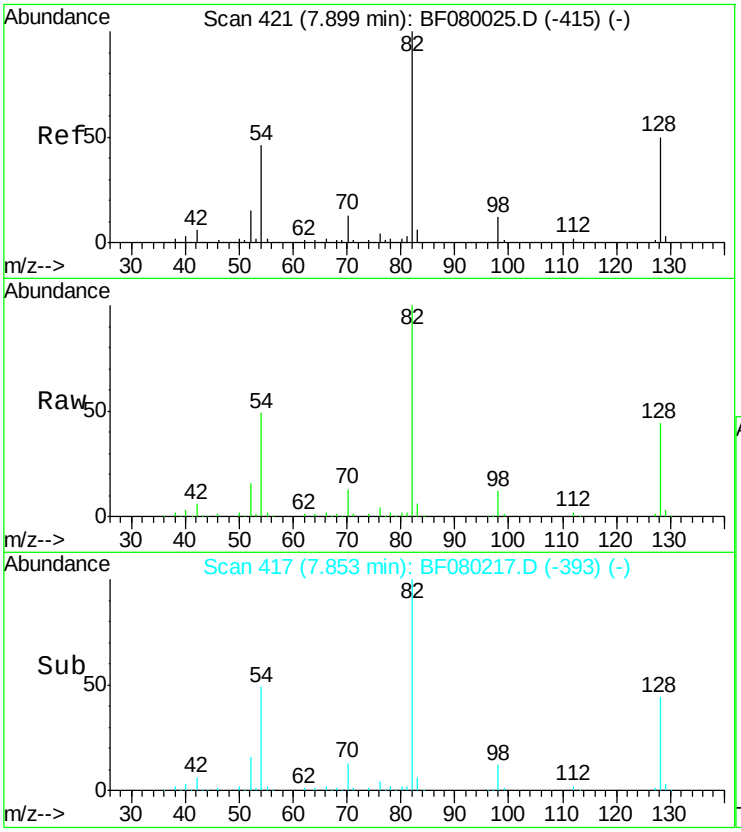


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:136 Resp: 112874

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.8	8.2	12.2
68	7.3	5.8	8.6



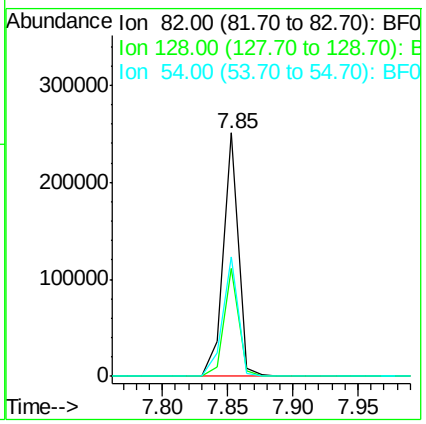


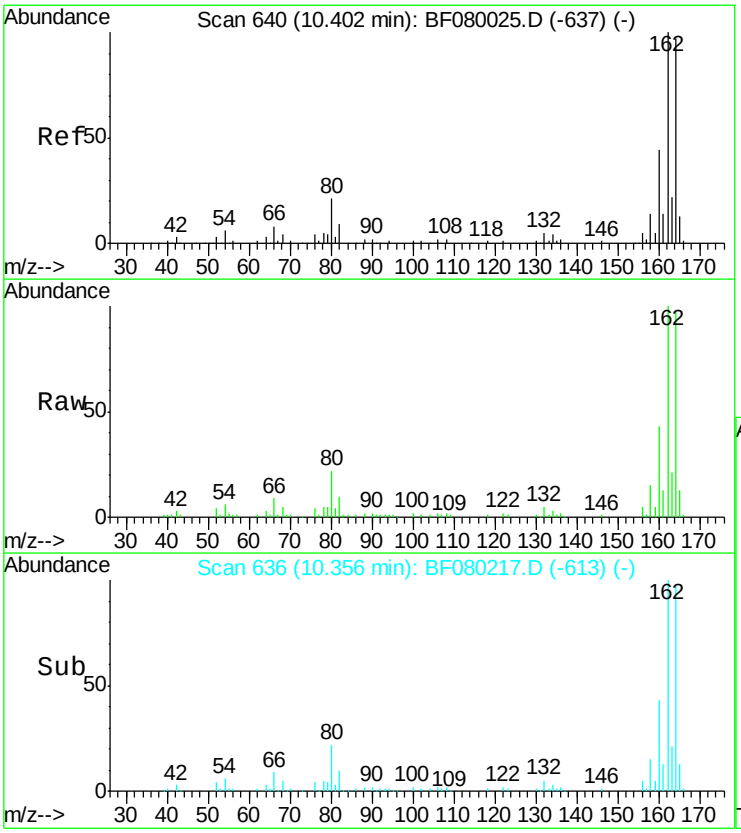
#23
Nitrobenzene-d5
Concen: 105.61 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion: 82 Resp: 204759

Ion	Ratio	Lower	Upper
82	100		
128	44.2	51.0	76.6#
54	49.0	47.5	71.3

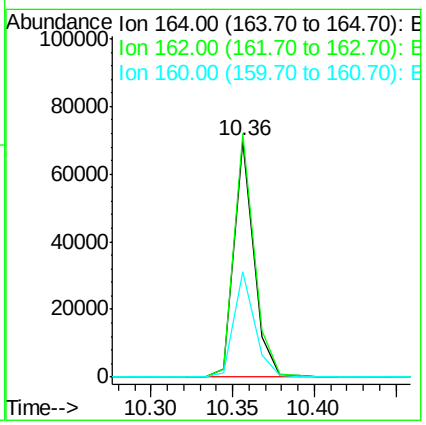


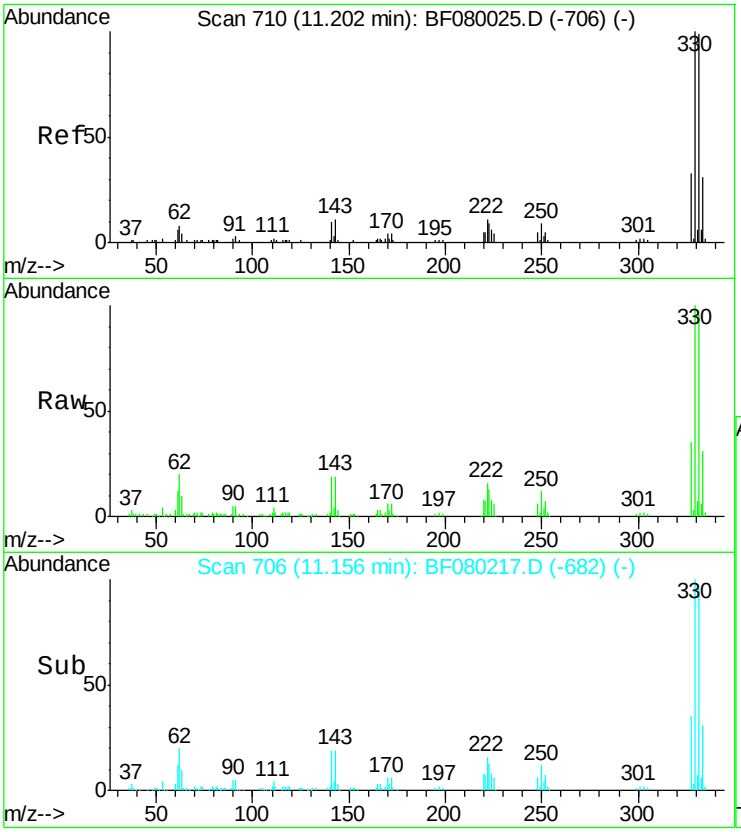


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:164 Resp: 58128

Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	44.8	31.5	47.3



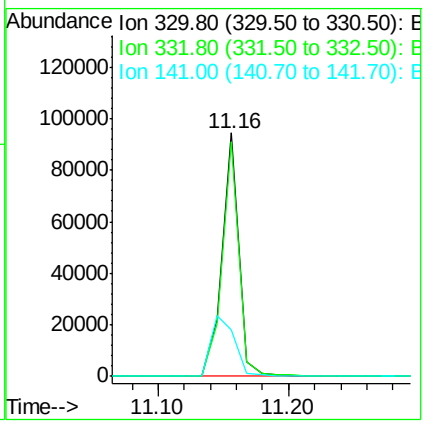


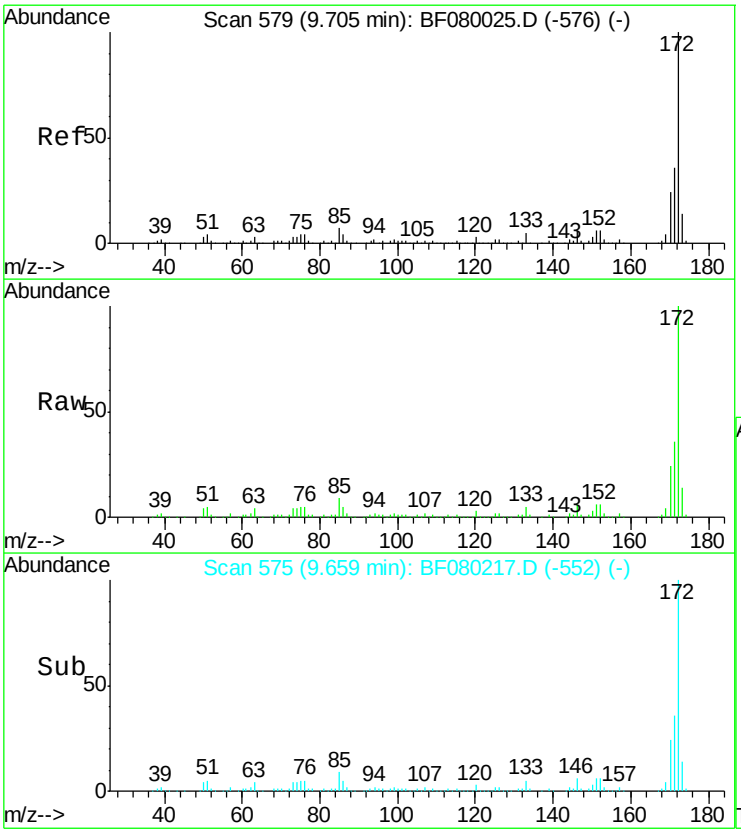
#41
2,4,6-Tribromophenol
Concen: 151.21 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:330 Resp: 85947

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	35.1	29.7	44.5

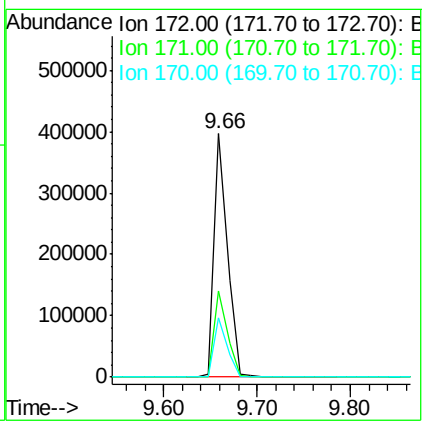


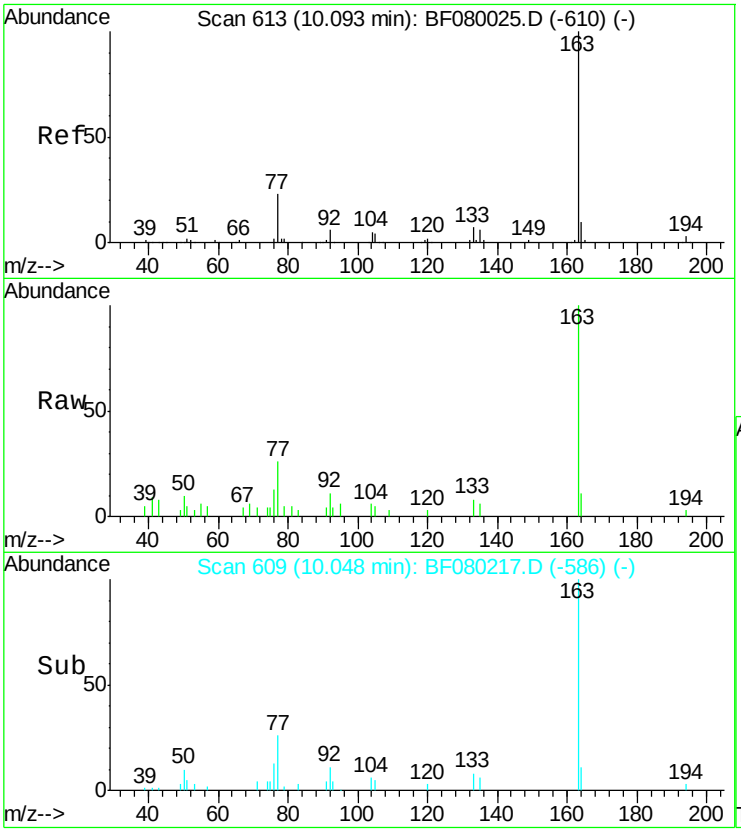


#44
2-Fluorobiphenyl
Concen: 96.40 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:172 Resp: 392909

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.2	17.4	26.2



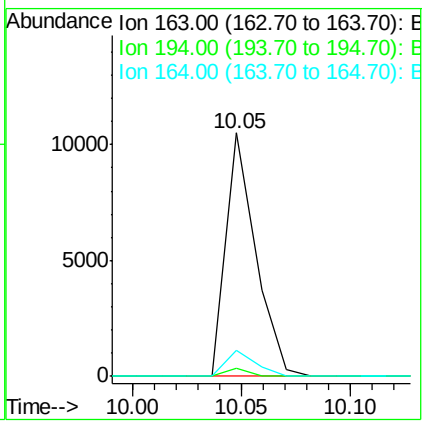


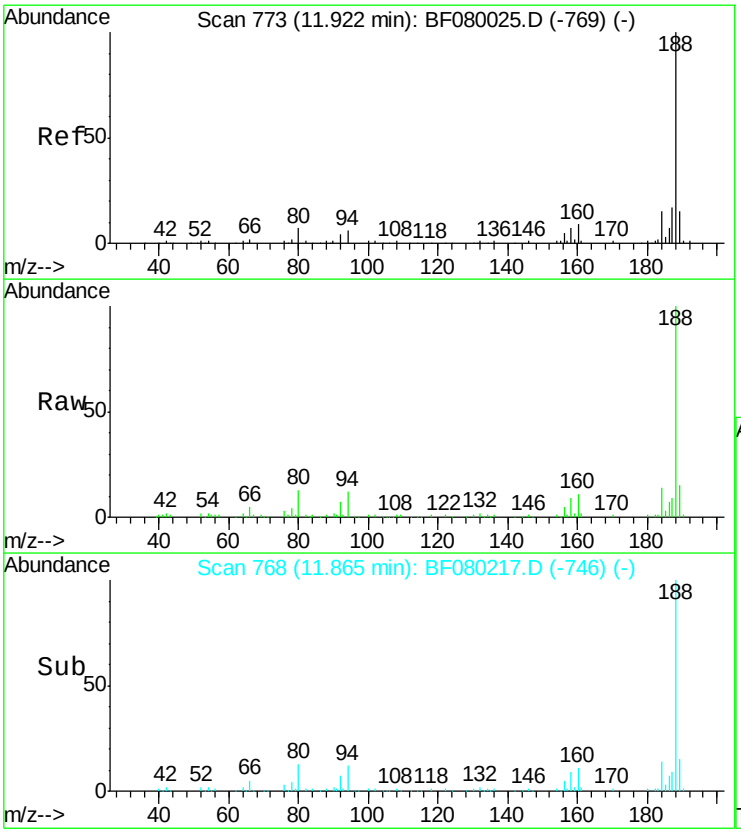
#49
Dimethylphthalate
Concen: 2.28 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:163 Resp: 9965

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.5	8.3	12.5

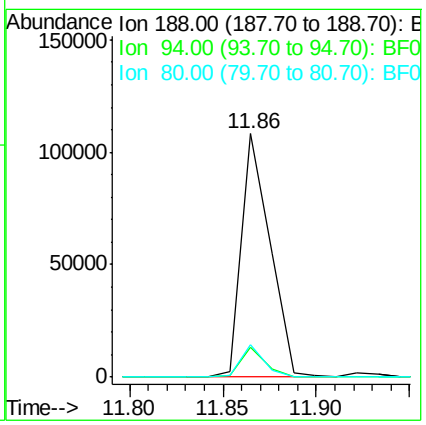


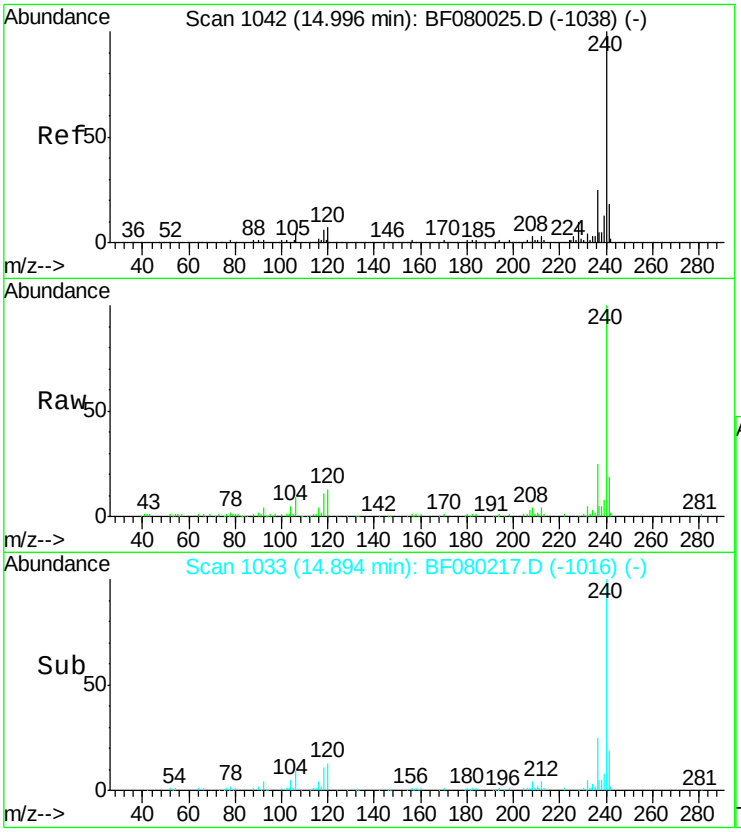


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:188 Resp: 115428

Ion	Ratio	Lower	Upper
188	100		
94	12.1	11.1	16.7
80	13.2	11.0	16.4



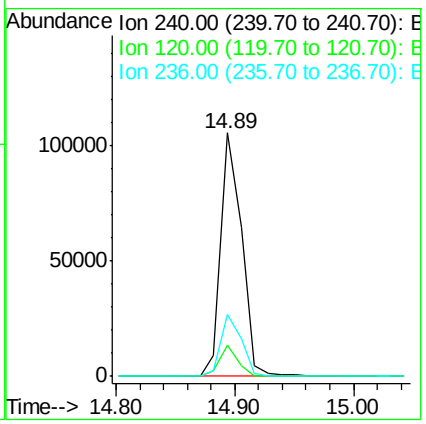


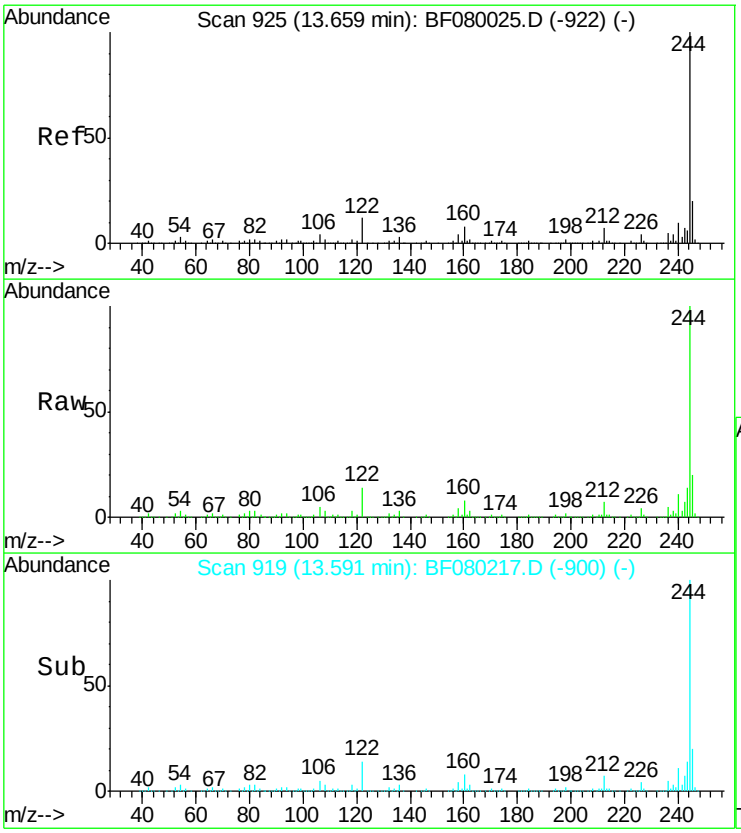
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:240 Resp: 127935

Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.2	24.2#
236	25.4	18.4	27.6

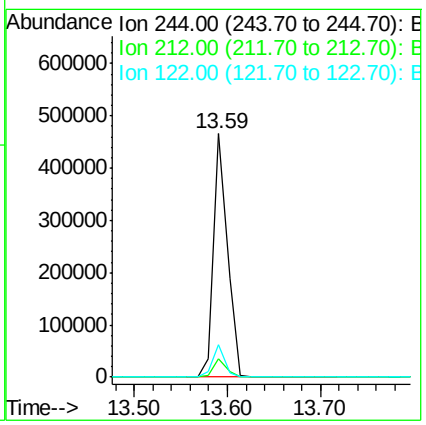


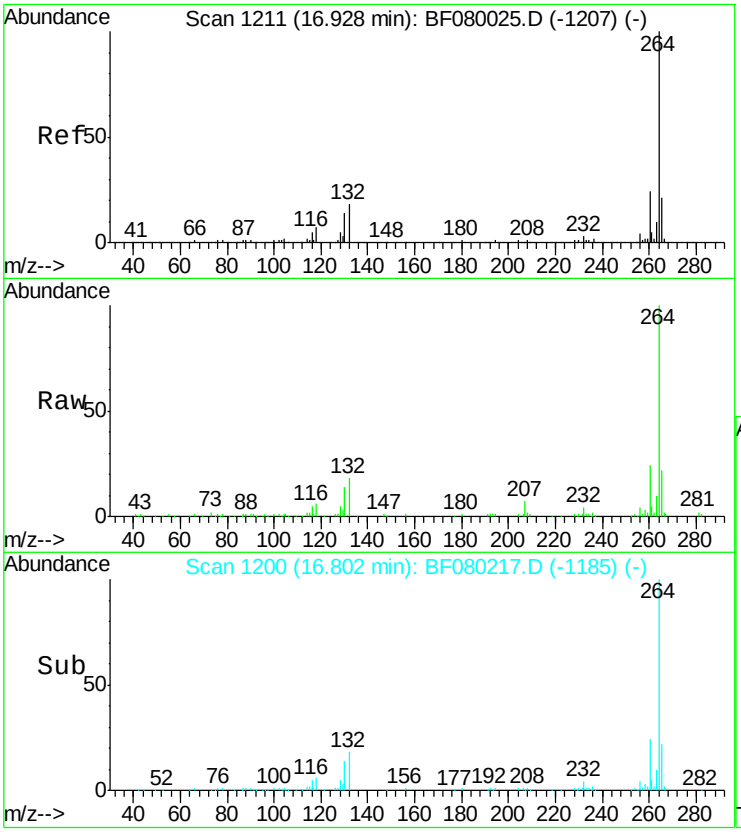


#78
Terphenyl-d14
Concen: 87.59 ng
RT: 13.59 min Scan# 919
Delta R.T. -0.08 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Tgt Ion:244 Resp: 479818

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	13.5	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1200
Delta R.T. -0.13 min
Lab File: BF080217.D
Acq: 29 Jun 2015 20:30

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:264 Resp: 128093

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.6	17.2	25.8