Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081288.D
Acq On : 30 Aug 2015 00:00
Operator : UM/IZ
Sample : G3474-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Time: Aug 31 02:27:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 00:56:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	63803	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	248994	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	110694	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	236785	20.00	ng	0.00
75) Chrysene-d12	13.59	240	169048	20.00	ng	-0.01
86) Perylene-d12	14.92	264	126093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	240940	56.80	ng	0.01
7) Phenol-d6	6.14	99	218223	39.43	ng	0.00
23) Nitrobenzene-d5	7.05	82	422258	77.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	106598	111.09	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	734428	86.93	ng	0.00
78) Terphenyl-d14	12.57	244	625713	79.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	20289	2.23	ng	# 93
54) Dibenzofuran	9.71	168	23598	2.10	ng	# 92
57) Fluorene	10.06	166	28529	3.30	ng	# 96

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

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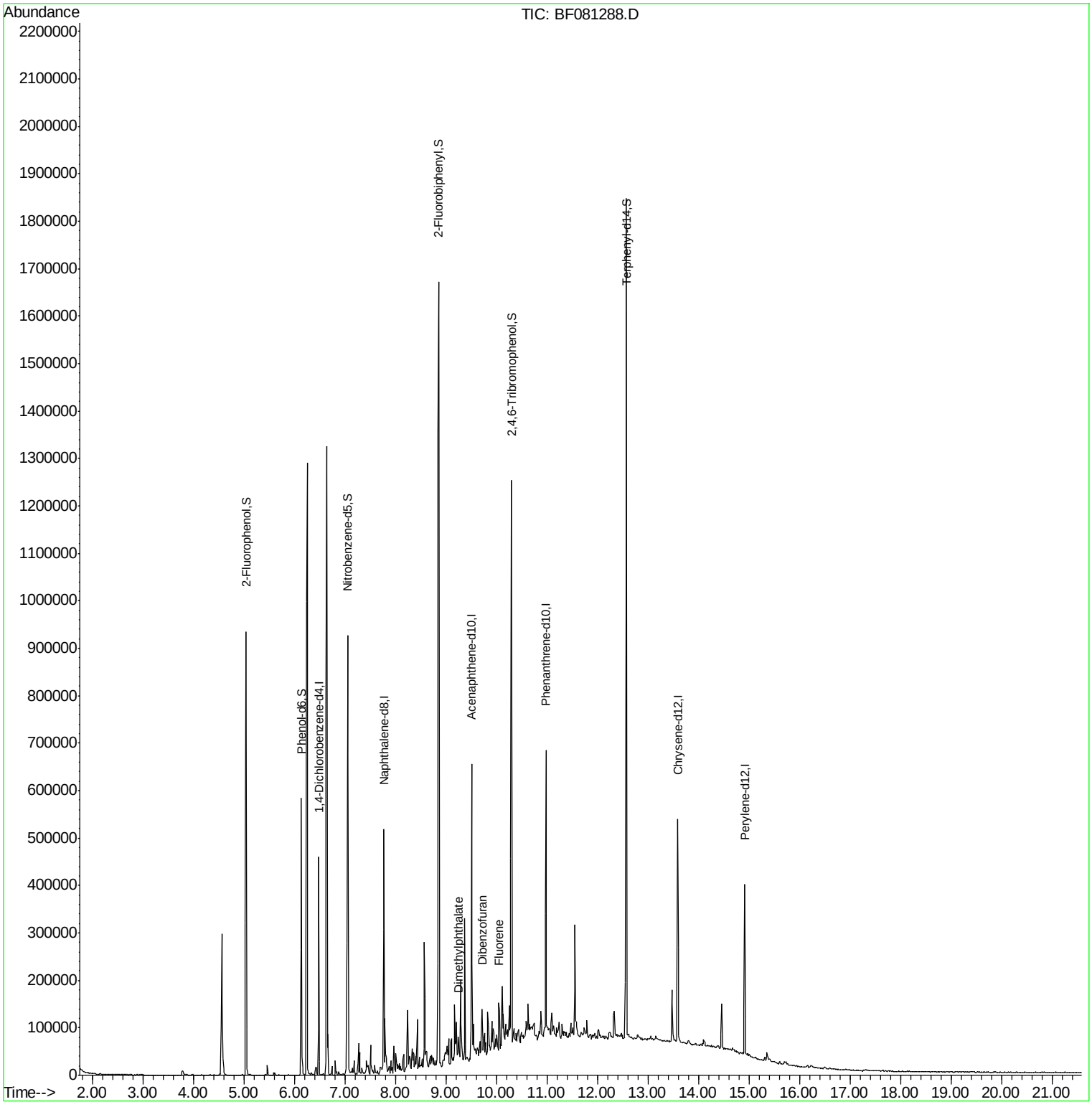
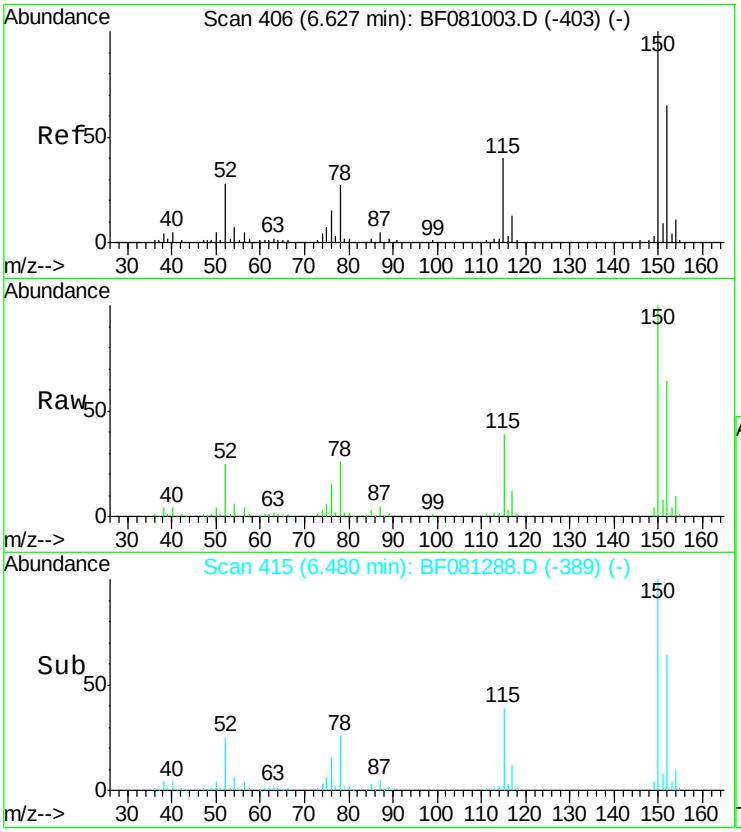


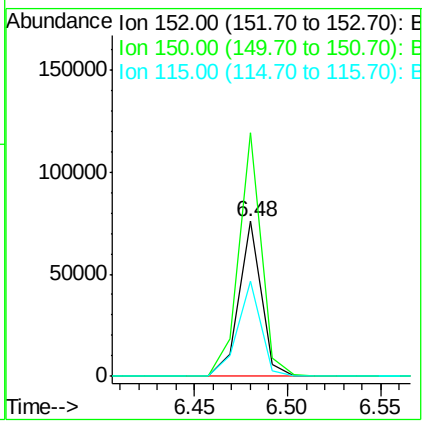


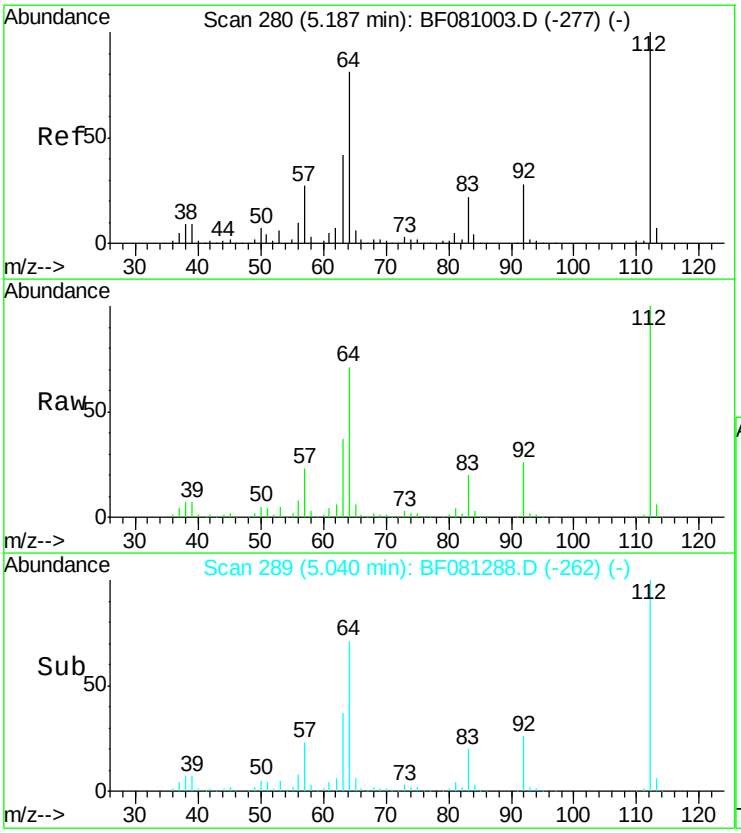
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 63803

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	61.3	52.1	78.1

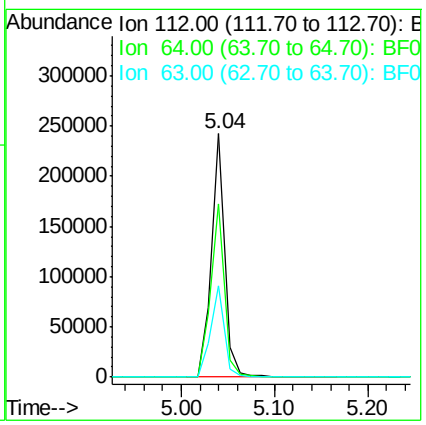


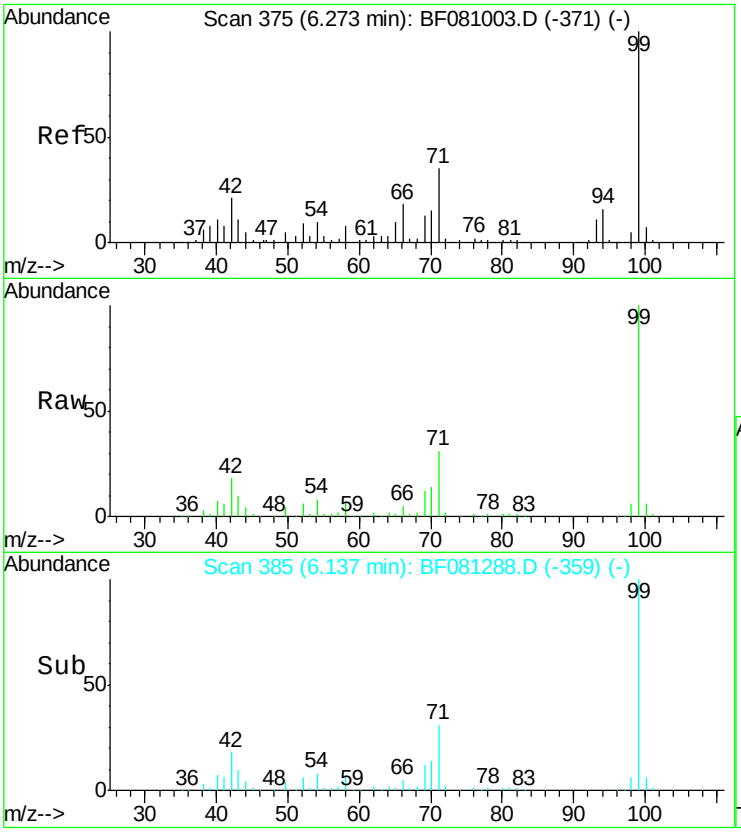


#5
2-Fluorophenol
Concen: 56.80 ng
RT: 5.04 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:112 Resp: 240940

Ion	Ratio	Lower	Upper
112	100		
64	71.4	66.9	100.3
63	37.5	38.1	57.1#



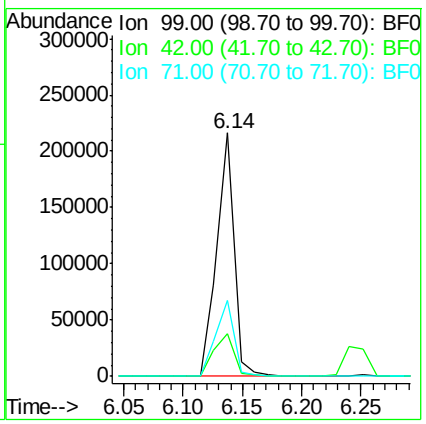


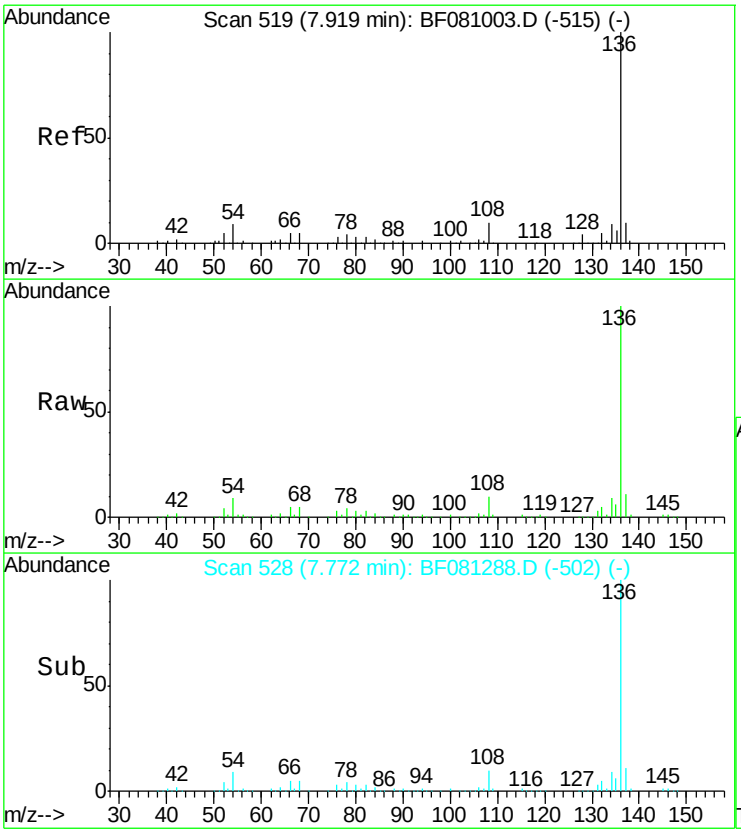
#7
Phenol-d6
Concen: 39.43 ng
RT: 6.14 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 99 Resp: 218223

Ion	Ratio	Lower	Upper
99	100		
42	17.7	19.6	29.4#
71	31.3	31.2	46.8

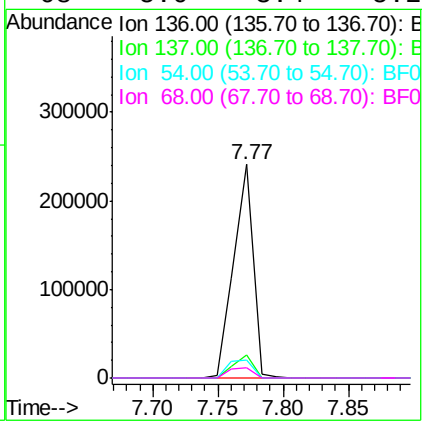


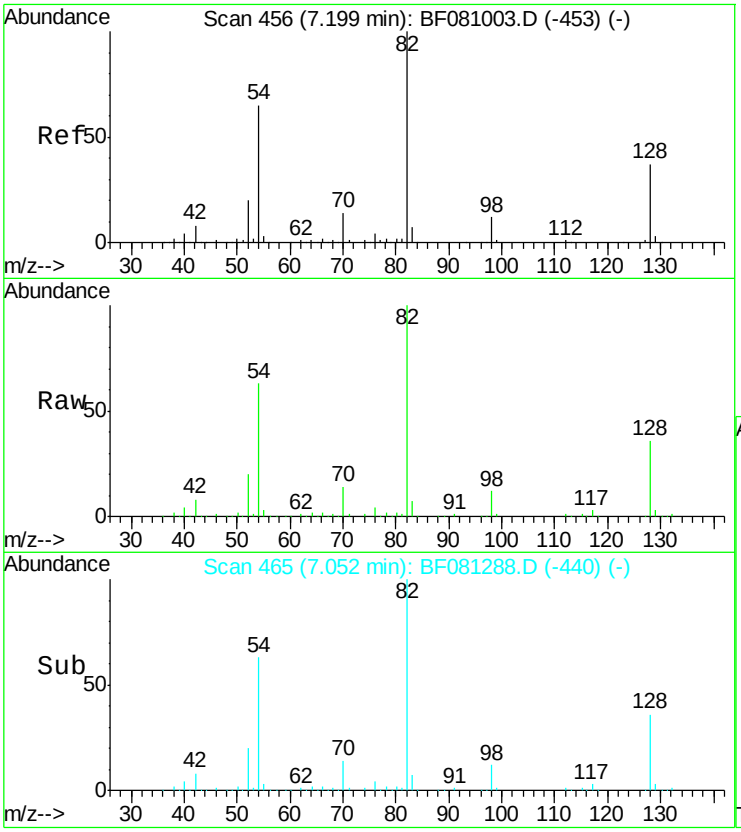


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:136 Resp: 248994

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.6	7.7	11.5
68	5.0	3.4	5.2



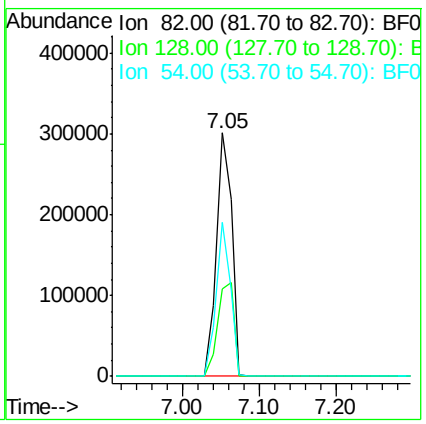


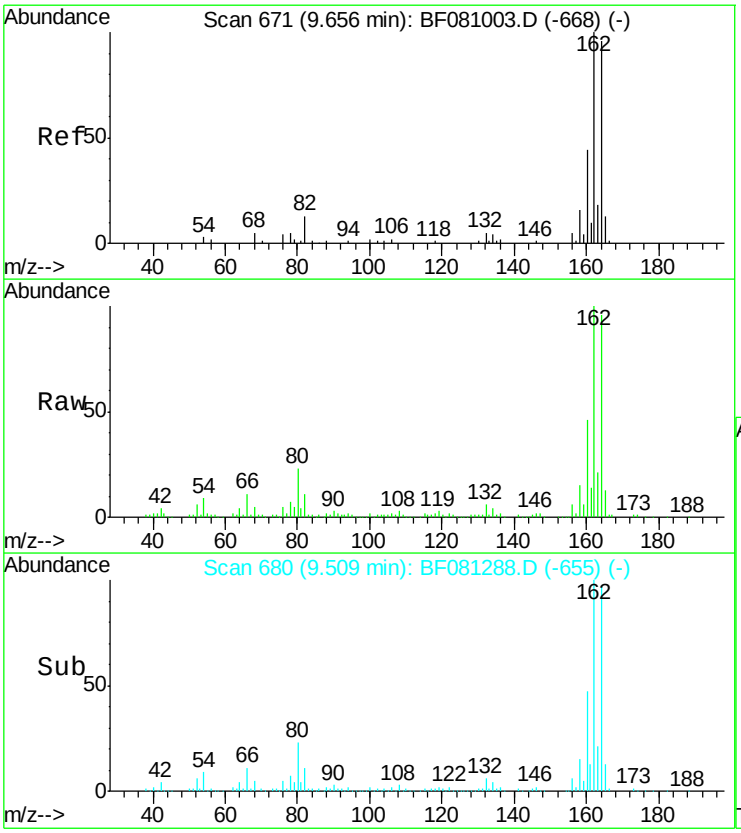
#23
Nitrobenzene-d5
Concen: 77.47 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 422258

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.6	42.8
54	63.5	55.1	82.7

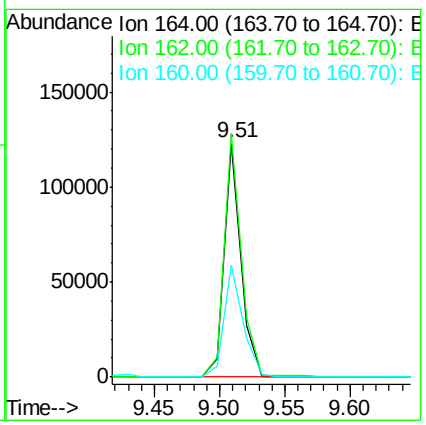


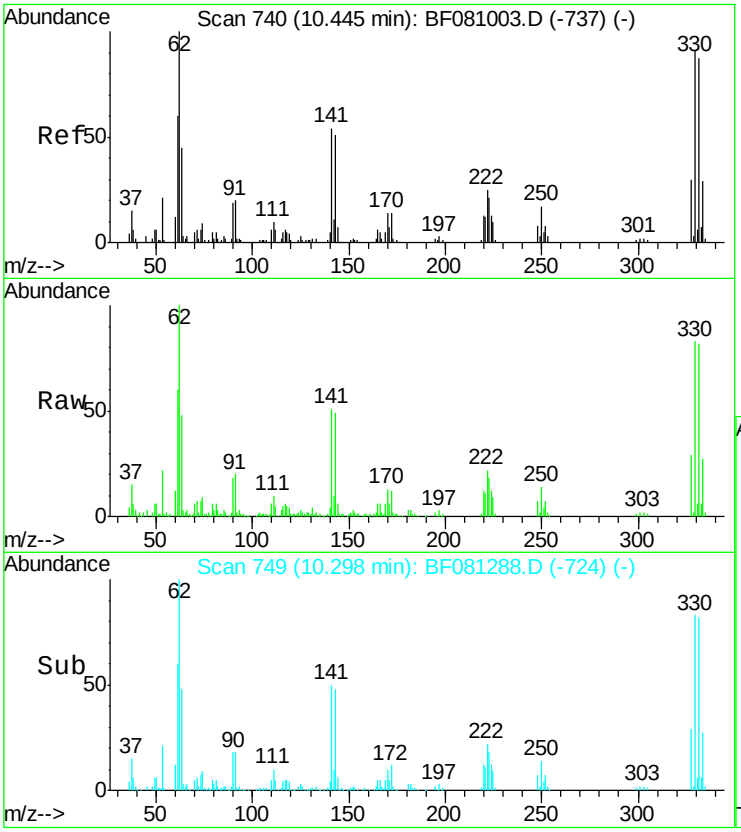


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:164 Resp: 110694

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.8	125.8
160	47.9	39.8	59.8



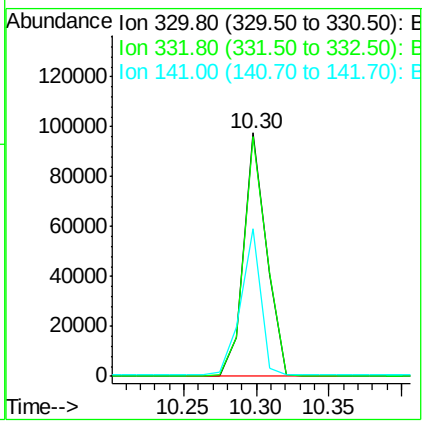


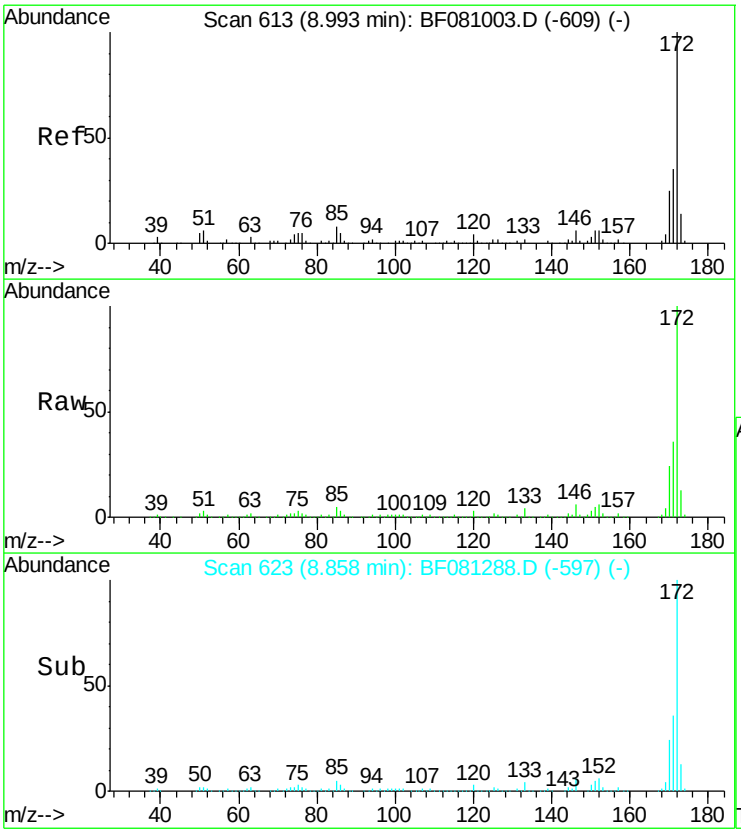
#41
2,4,6-Tribromophenol
Concen: 111.09 ng
RT: 10.30 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 106598

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.3	115.9
141	53.6	44.9	67.3

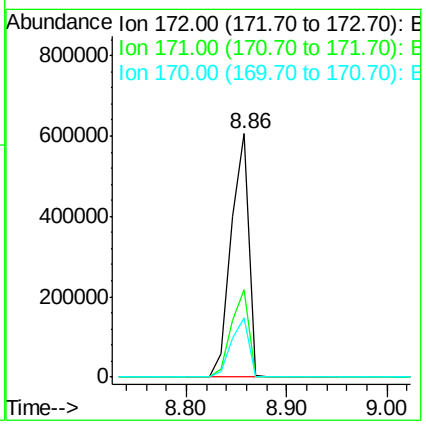


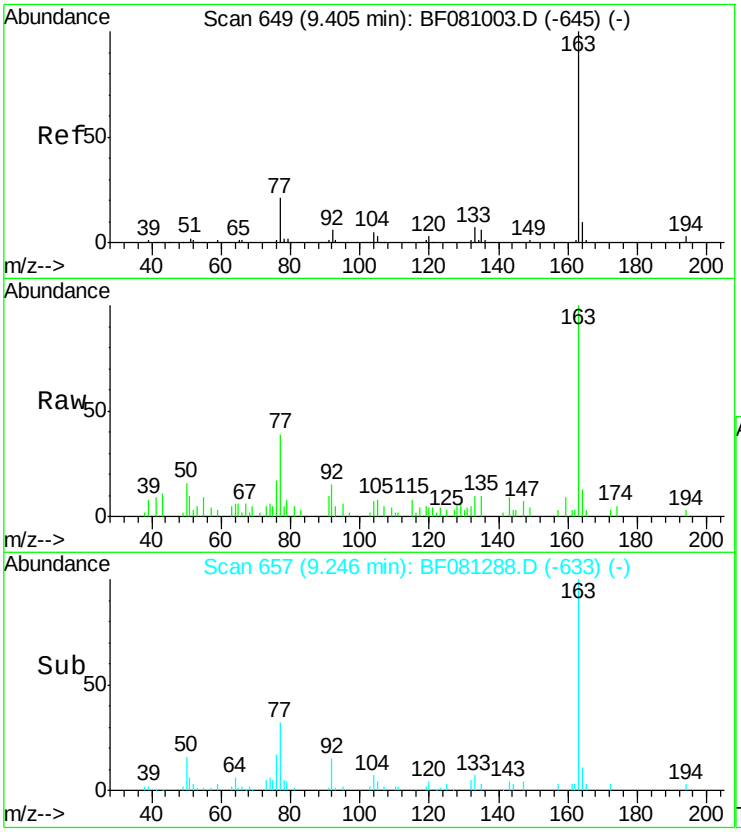


#44
2-Fluorobiphenyl
Concen: 86.93 ng
RT: 8.86 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:172 Resp: 734428

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.3	19.4	29.2



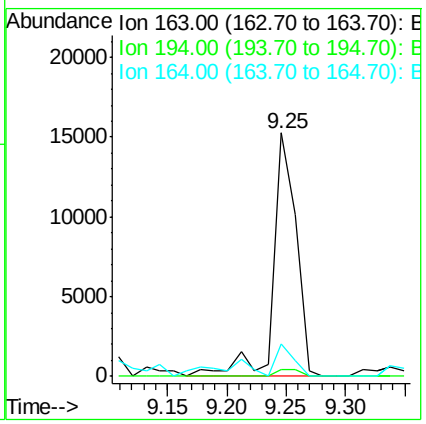


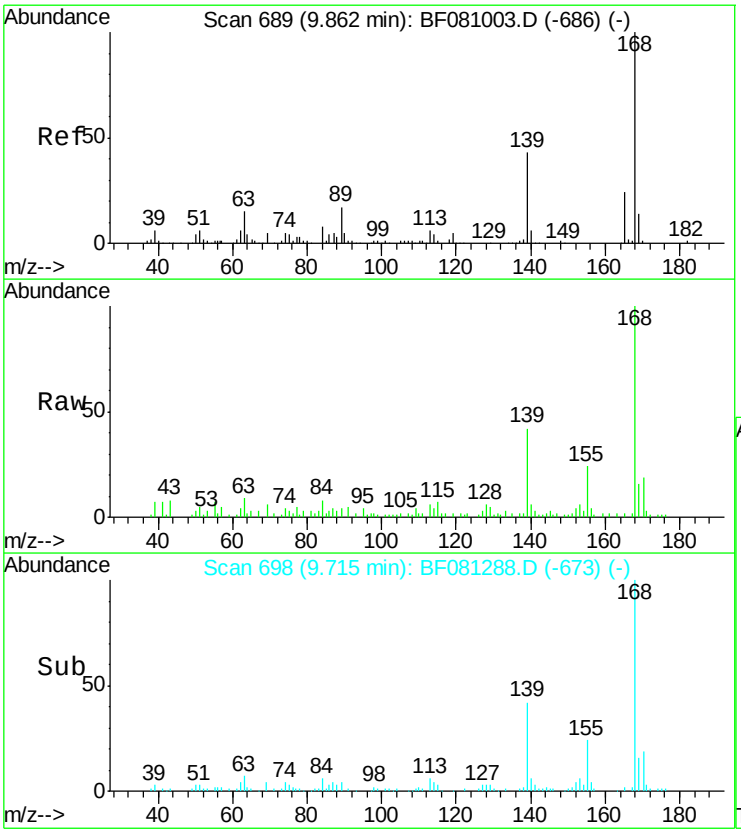
#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.25 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:163 Resp: 20289

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.5	3.7
164	13.2	8.1	12.1#

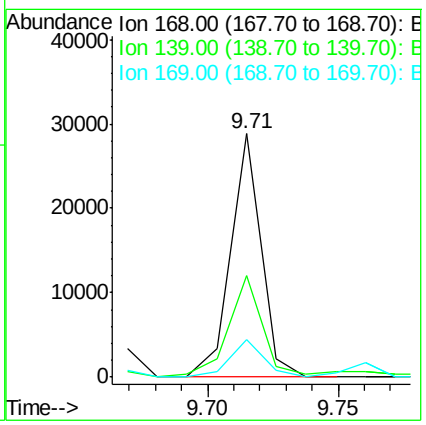


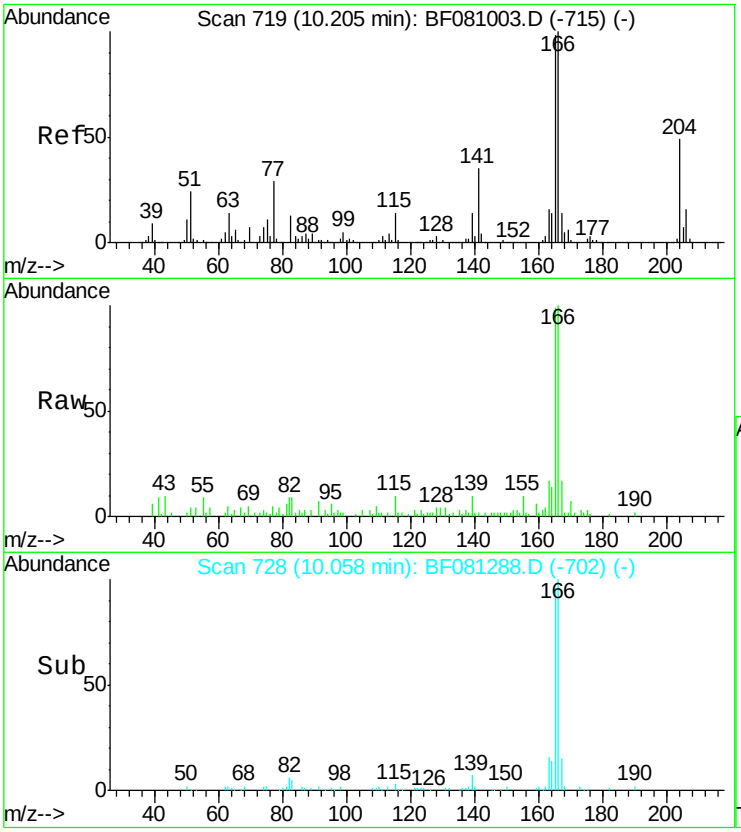


#54
Dibenzofuran
Concen: 2.10 ng
RT: 9.71 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:168 Resp: 23598

Ion	Ratio	Lower	Upper
168	100		
139	41.7	29.3	43.9
169	15.6	10.3	15.5#



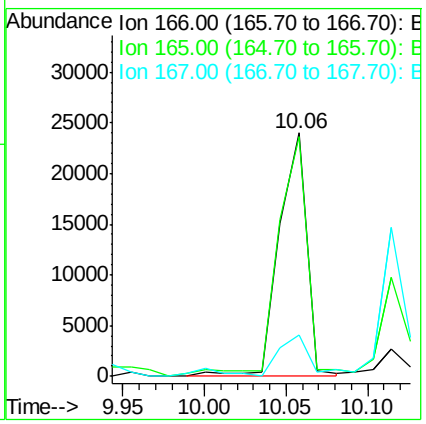


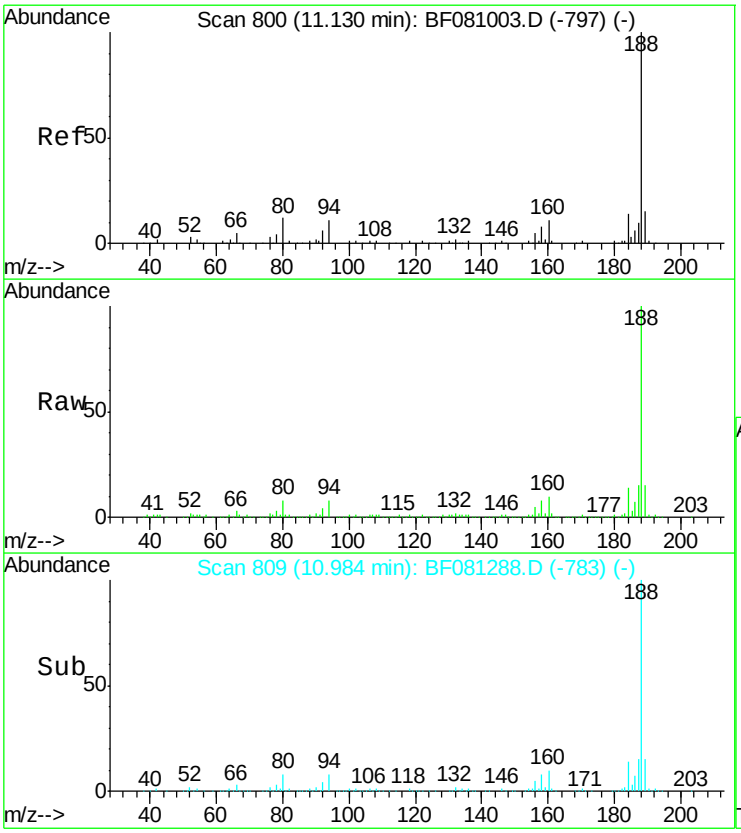
#57
Fluorene
Concen: 3.30 ng
RT: 10.06 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:166 Resp: 28529

Ion	Ratio	Lower	Upper
166	100		
165	98.5	75.8	113.8
167	17.2	11.3	16.9#

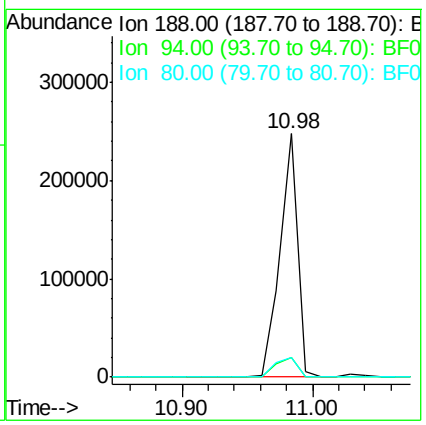


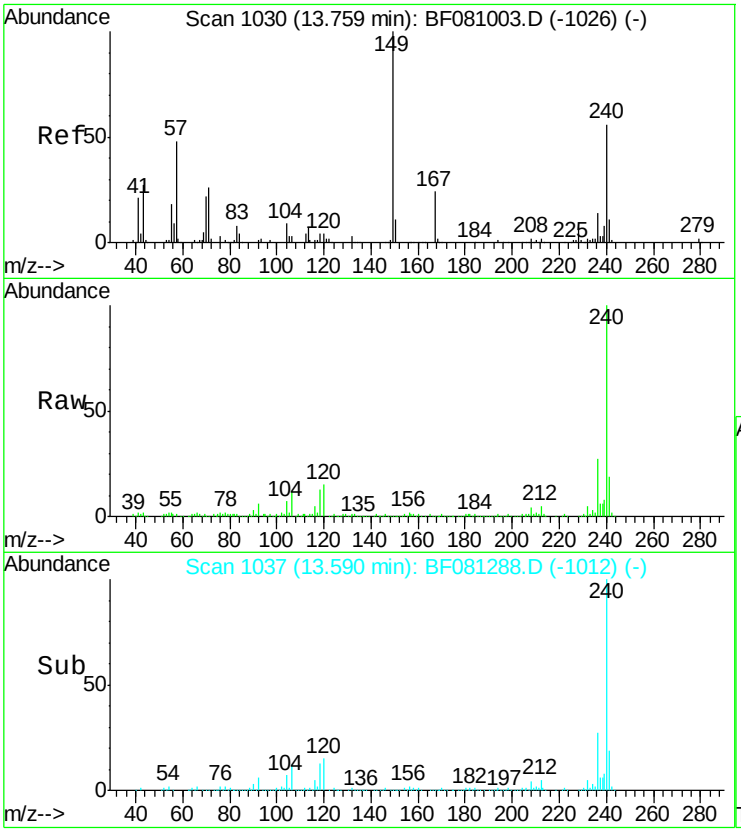


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:188 Resp: 236785

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.3	9.5	14.3#



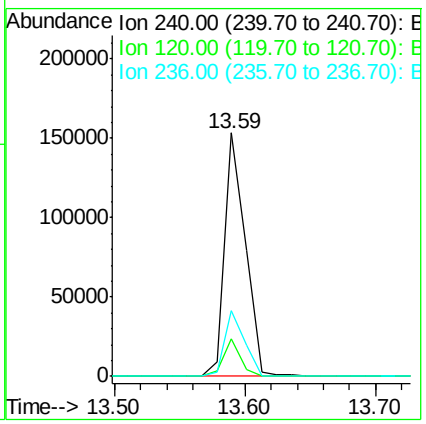


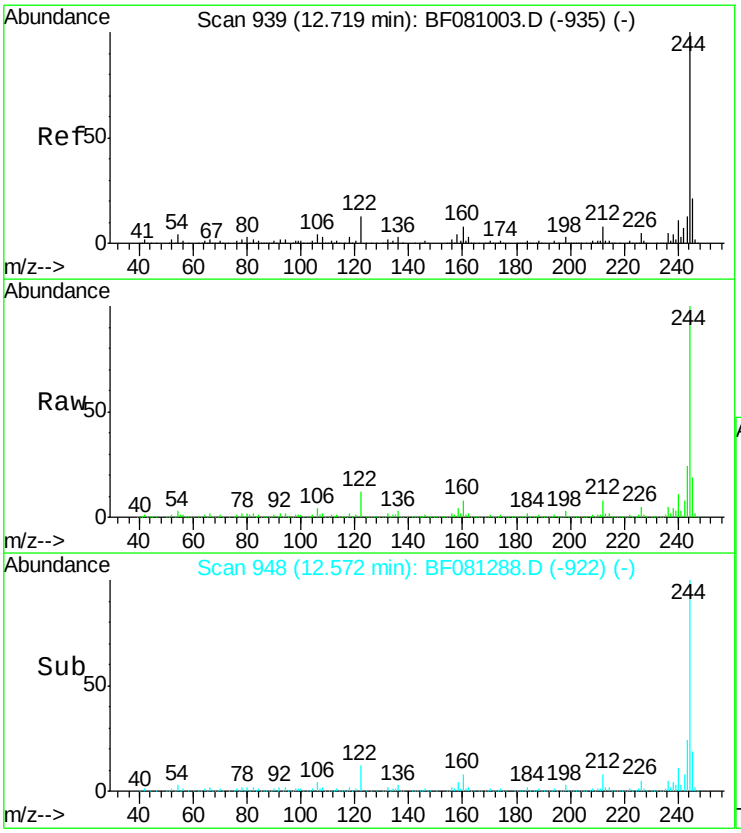
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:240 Resp: 169048

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.6	8.4#
236	26.9	20.6	30.8

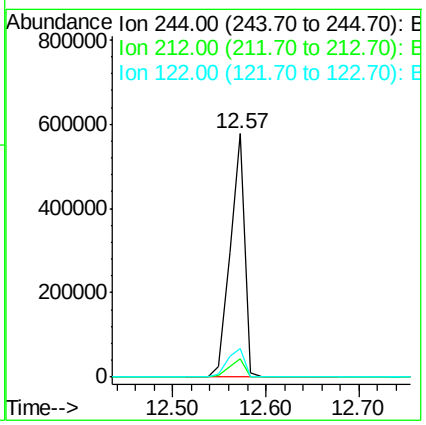


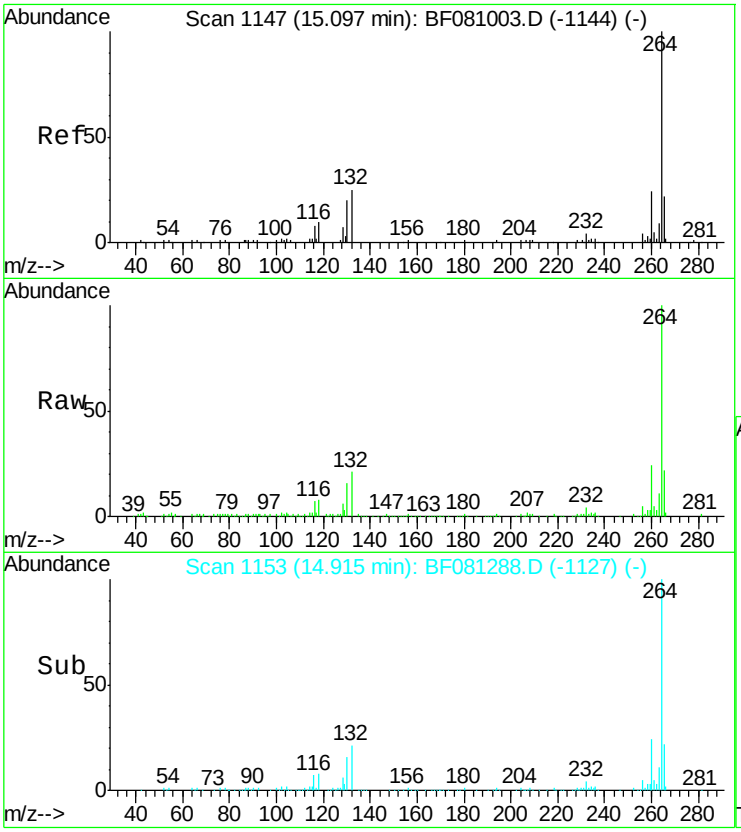


#78
Terphenyl-d14
Concen: 79.35 ng
RT: 12.57 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:244 Resp: 625713

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	11.9	8.2	12.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:264 Resp: 126093

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.1	17.5	26.3