Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003442.D
Acq On : 10 Dec 2015 08:53
Operator : UM/IZ
Sample : G4690-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-09

Quant Time: Dec 10 11:26:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71561	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	324941	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	188998	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	375468	20.00	ng	0.00
75) Chrysene-d12	21.32	240	330069	20.00	ng	0.00
86) Perylene-d12	23.57	264	314772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	236116	58.66	ng	0.00
7) Phenol-d6	6.89	99	199087	35.62	ng	0.00
23) Nitrobenzene-d5	8.88	82	484749	92.50	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	260203	137.85	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1214449	87.55	ng	0.00
78) Terphenyl-d14	19.76	244	1216287	86.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.83	163	86671	5.56	ng	99

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

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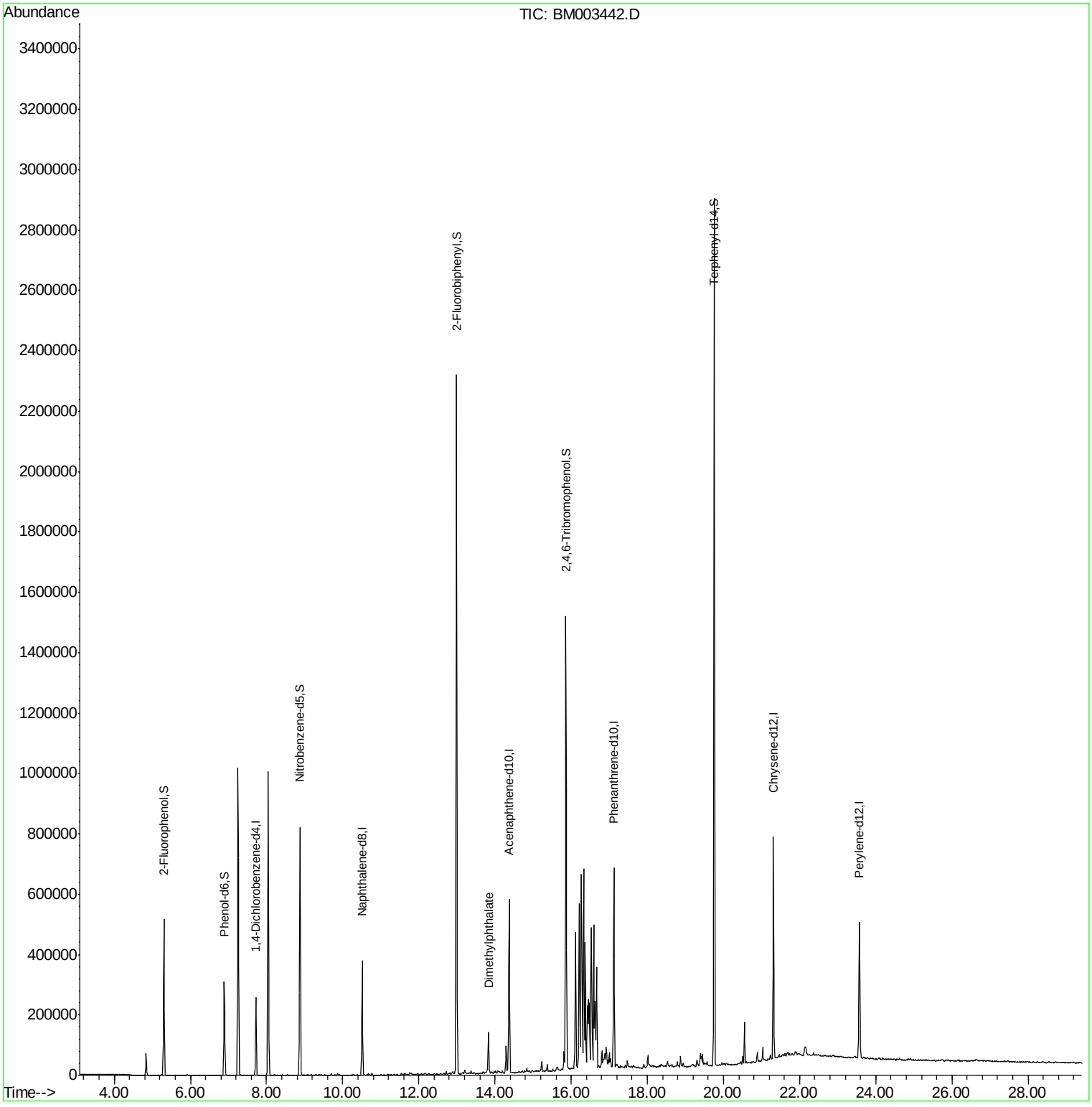
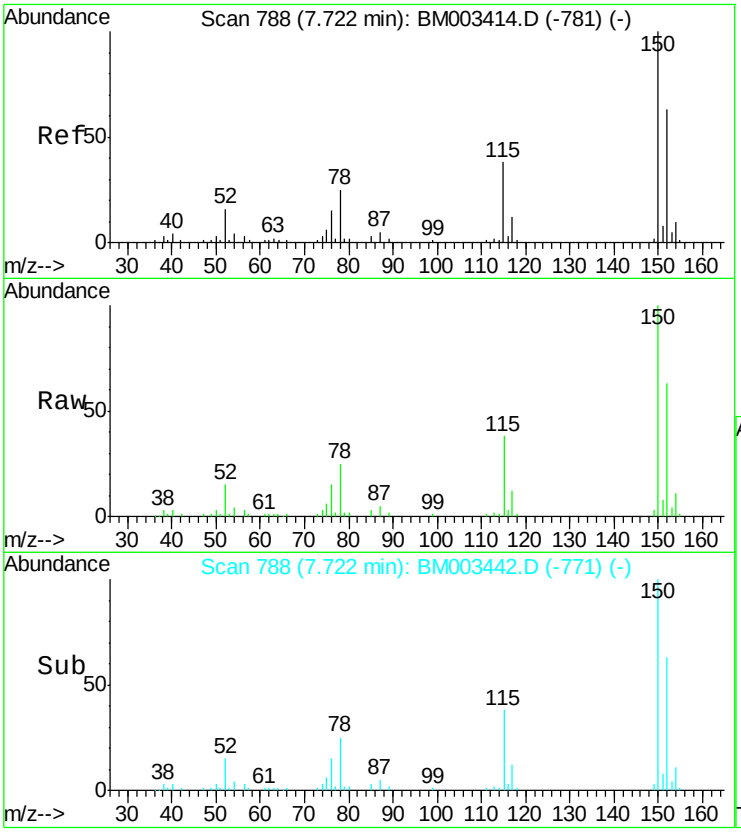


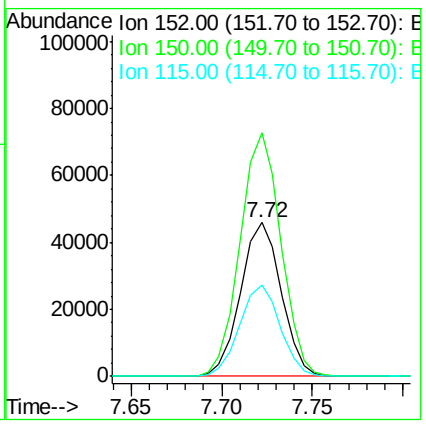


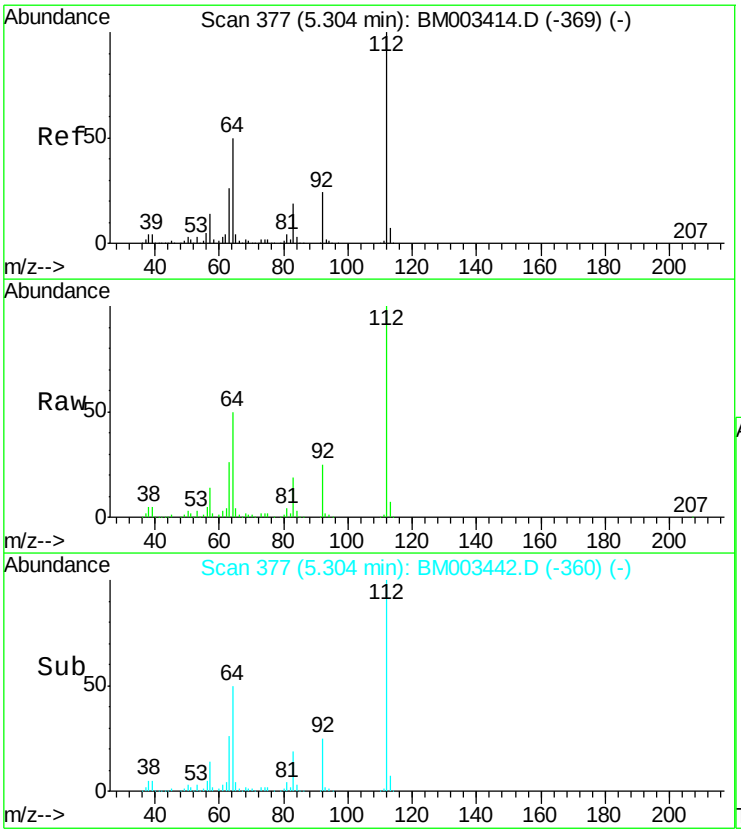
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 71561

Ion	Ratio	Lower	Upper
152	100		
150	158.3	119.5	179.3
115	59.7	43.0	64.4

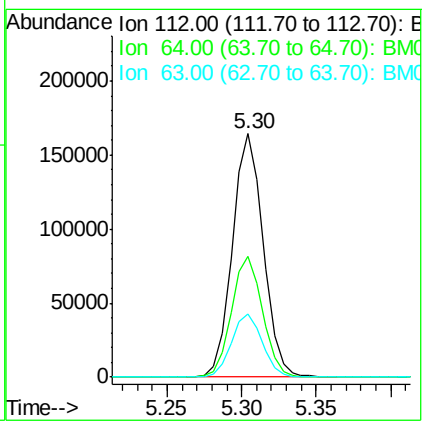


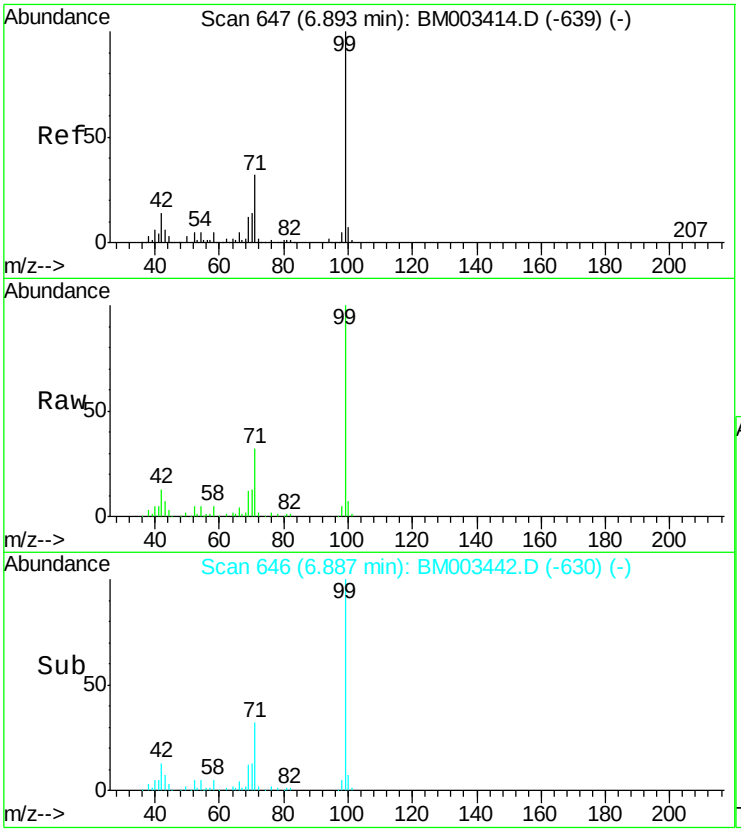


#5
2-Fluorophenol
Concen: 58.66 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:112 Resp: 236116

Ion	Ratio	Lower	Upper
112	100		
64	49.8	38.6	57.8
63	26.0	19.3	28.9



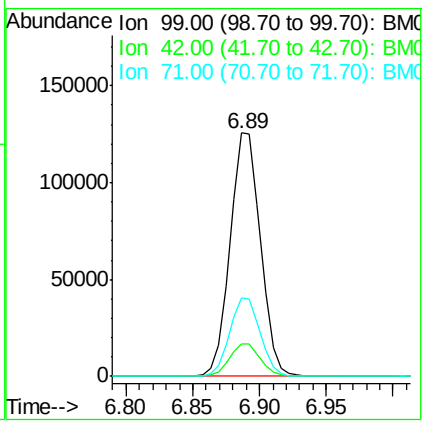


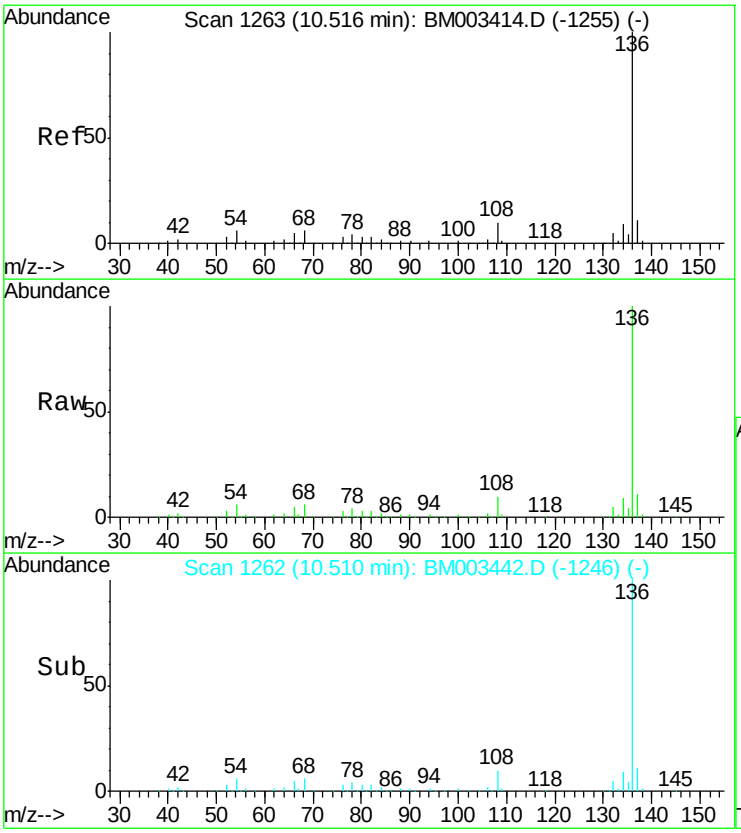
#7
Phenol-d6
Concen: 35.62 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 199087

Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.0	16.4
71	32.2	23.4	35.2

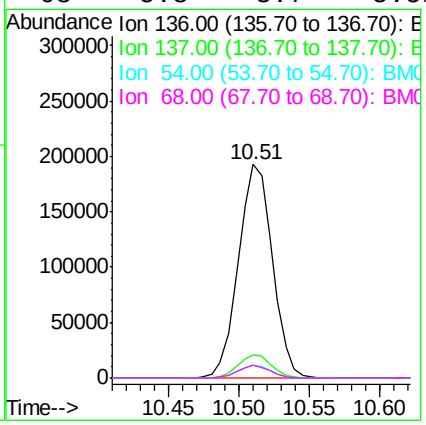


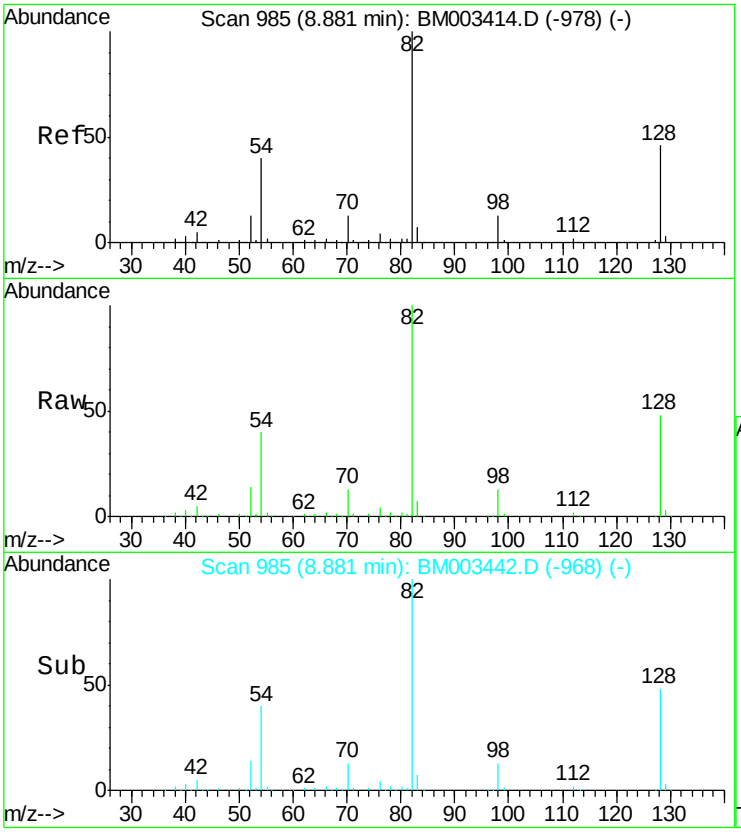


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:136 Resp: 324941

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.9	4.6	6.8
68	5.8	3.7	5.5#



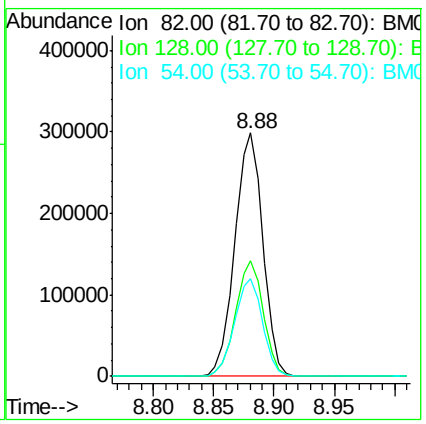


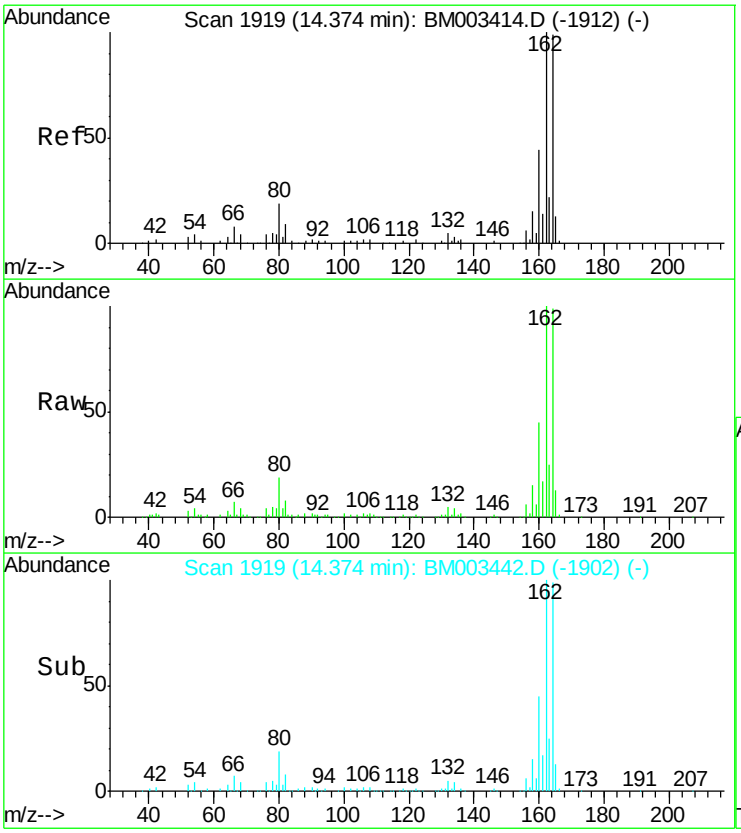
#23
Nitrobenzene-d5
Concen: 92.50 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 484749

Ion	Ratio	Lower	Upper
82	100		
128	47.7	32.8	49.2
54	40.2	40.6	60.8#

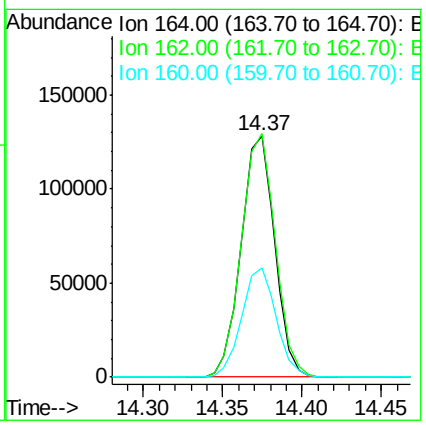


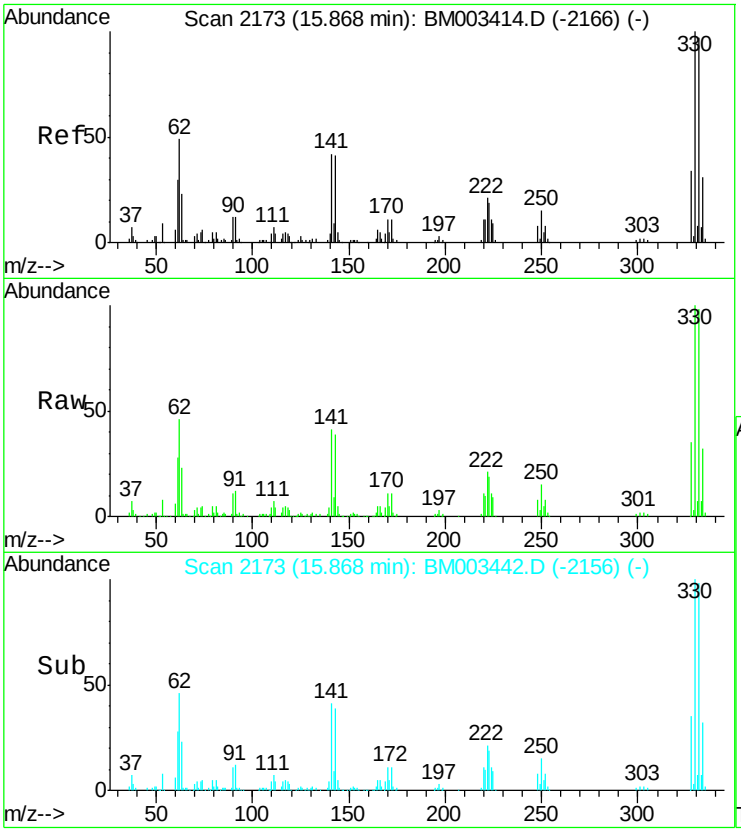


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:164 Resp: 188998

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	45.3	35.8	53.6



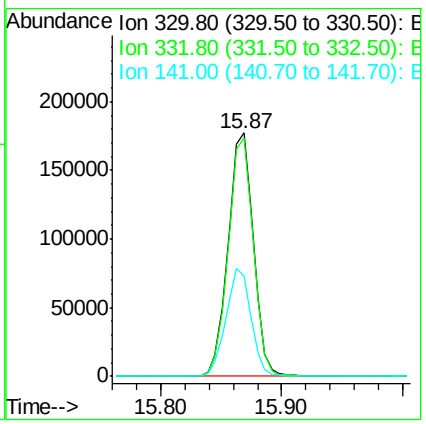


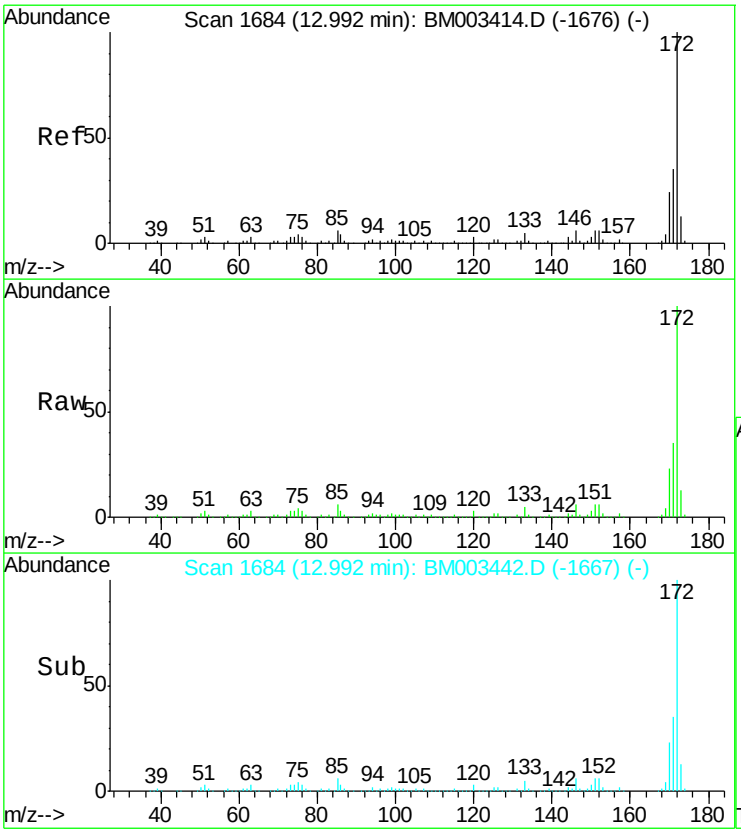
#41
2,4,6-Tribromophenol
Concen: 137.85 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:330 Resp: 260203

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	44.0	0.0	0.0#

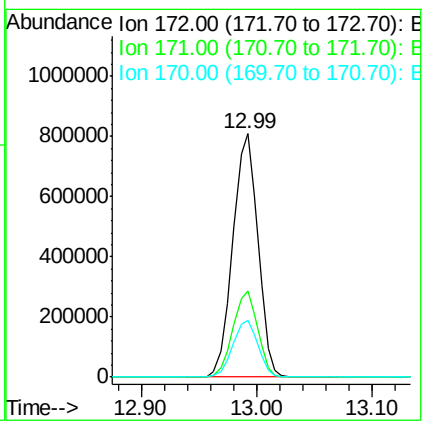


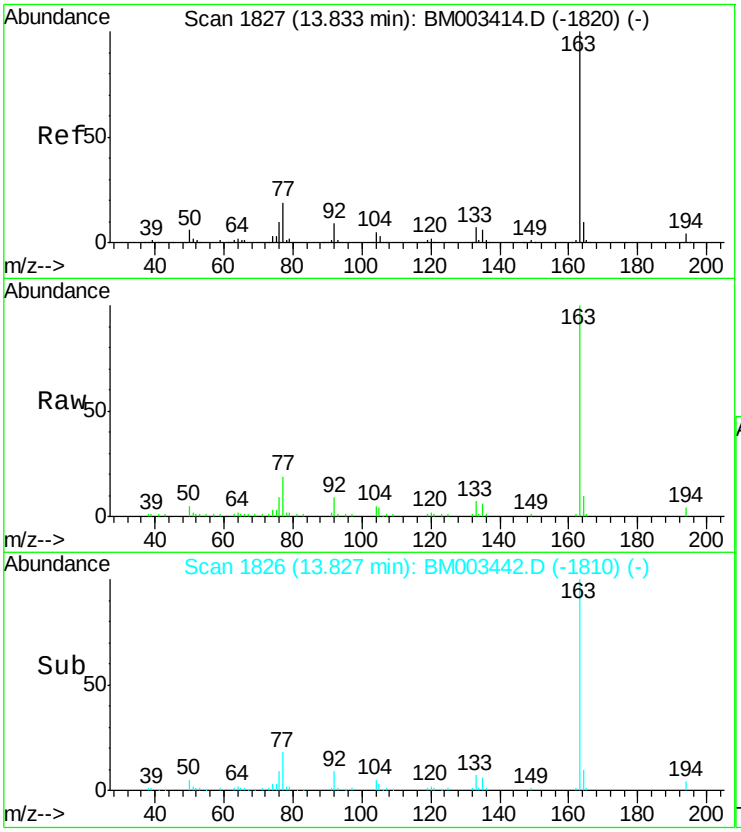


#44
2-Fluorobiphenyl
Concen: 87.55 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:172 Resp: 1214449

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	18.8	28.2



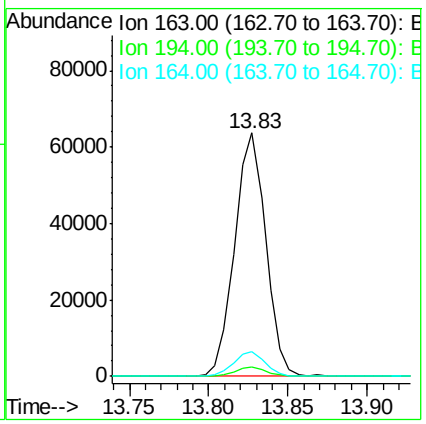


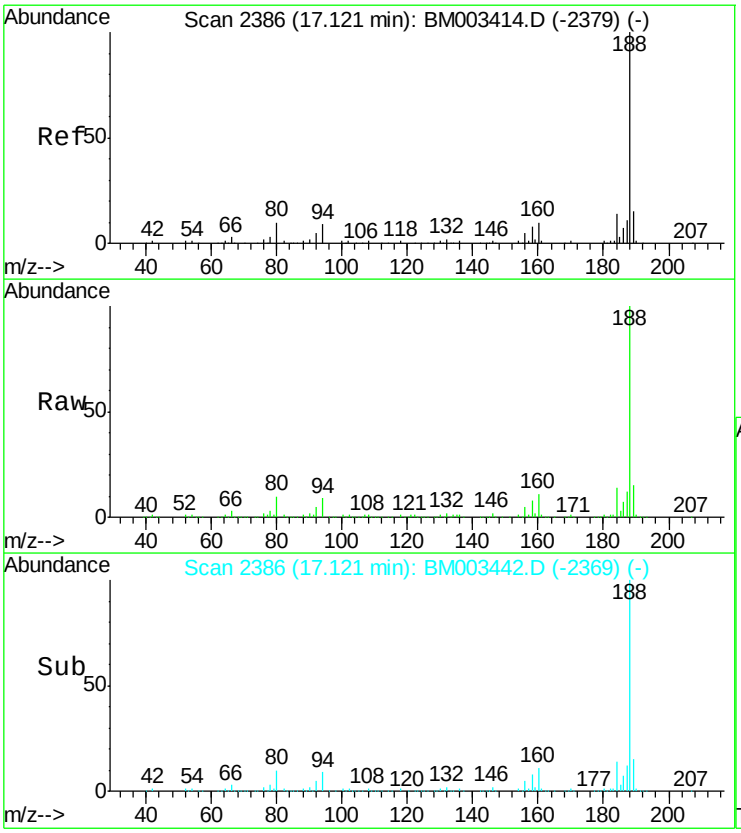
#49
Dimethylphthalate
Concen: 5.56 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:163 Resp: 86671

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

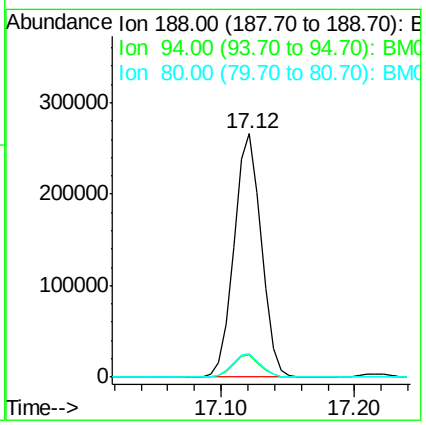


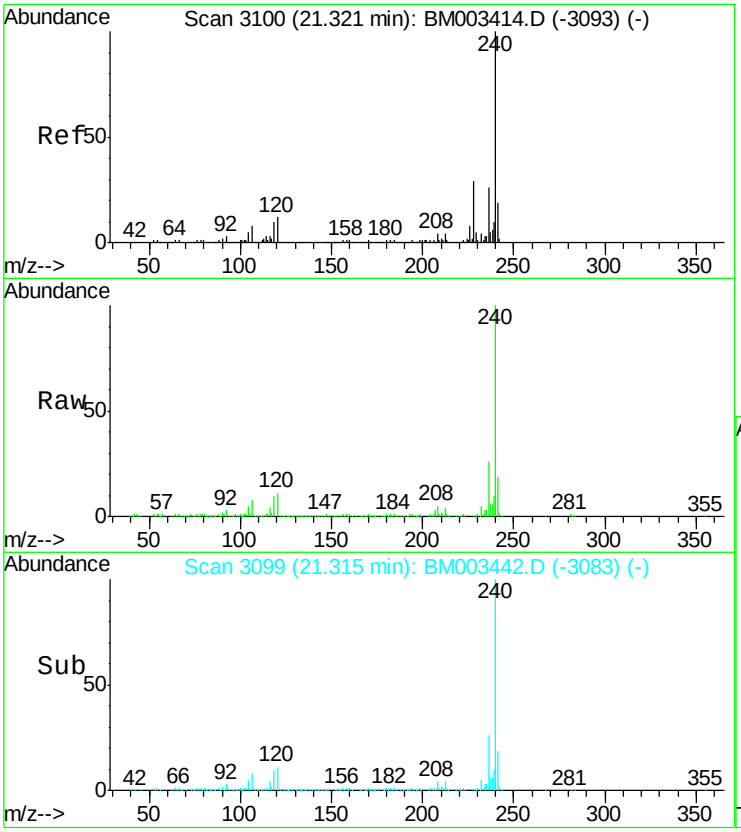


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:188 Resp: 375468

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	9.6	9.3	13.9



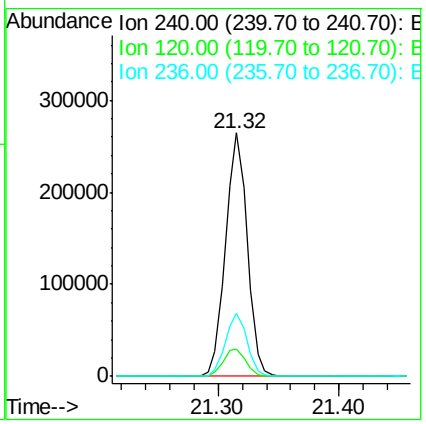


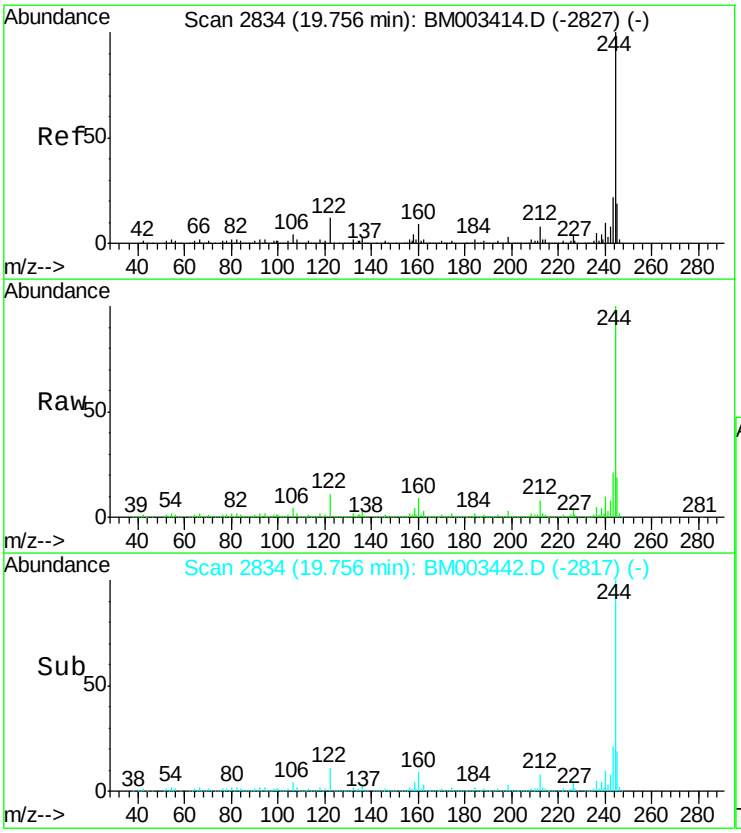
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:240 Resp: 330069

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.2	12.2
236	26.0	20.0	30.0

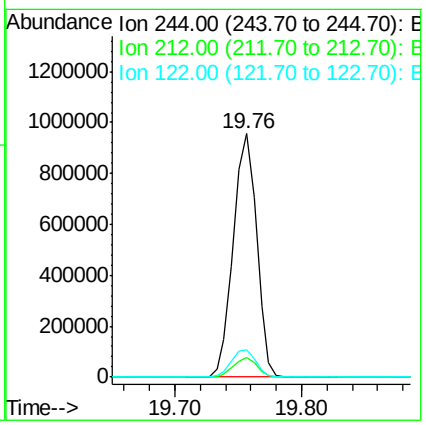


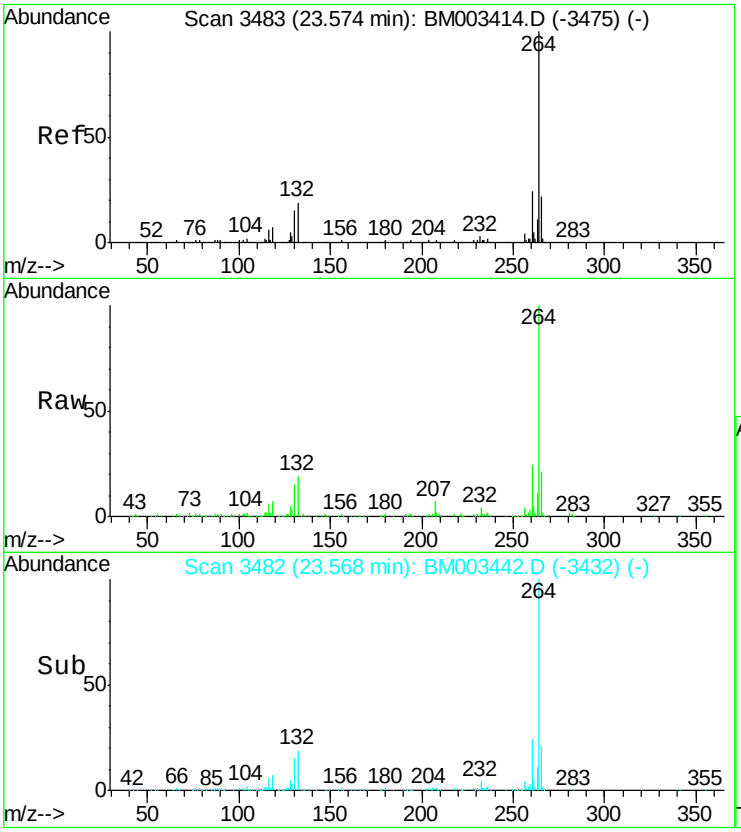


#78
Terphenyl-d14
Concen: 86.90 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Tgt Ion:244 Resp: 1216287

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	11.3	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003442.D
Acq: 10 Dec 2015 08:53

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:264 Resp: 314772

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.2	17.3	25.9