Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003440.D
Acq On : 10 Dec 2015 07:42
Operator : UM/IZ
Sample : G4690-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-08

Quant Time: Dec 10 11:34:22 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	65807	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	266084	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	148328	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	294806	20.00	ng	0.00
75) Chrysene-d12	21.32	240	319319	20.00	ng	0.00
86) Perylene-d12	23.57	264	322120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	237379	64.13	ng	0.00
7) Phenol-d6	6.89	99	186596	36.30	ng	0.00
23) Nitrobenzene-d5	8.88	82	424381	98.89	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	206673	139.52	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	958201	88.01	ng	0.00
78) Terphenyl-d14	19.76	244	978626	72.28	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.56	128	309090	22.20	ng	96
37) 2-Methylnaphthalene	12.18	142	165059	17.28	ng	96
49) Dimethylphthalate	13.83	163	79520	6.51	ng	97

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

Quantitation Report (QT Reviewed)

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Data File : BM003440.D
Acq On : 10 Dec 2015 07:42
Operator : UM/IZ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
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MW-08

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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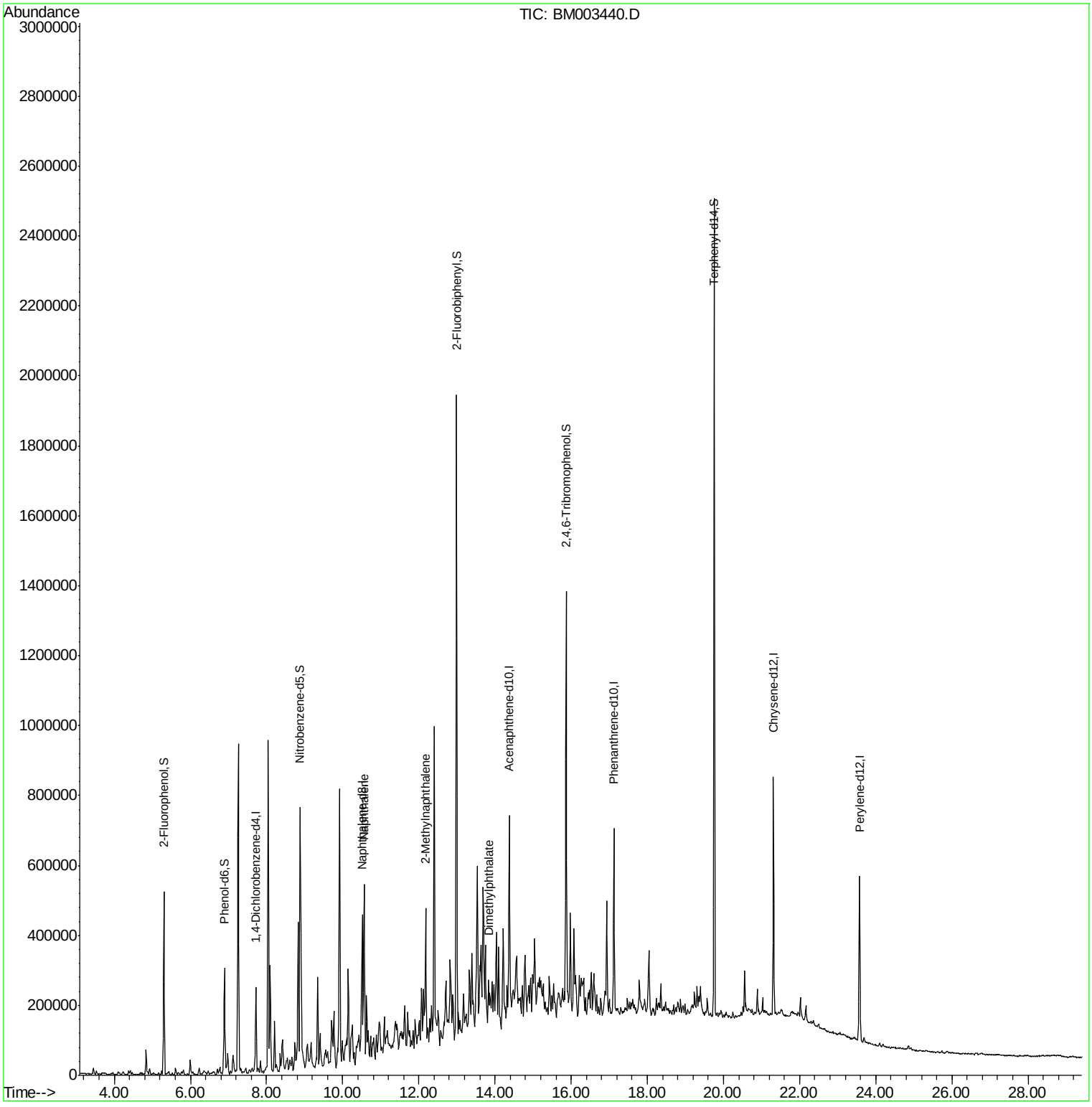
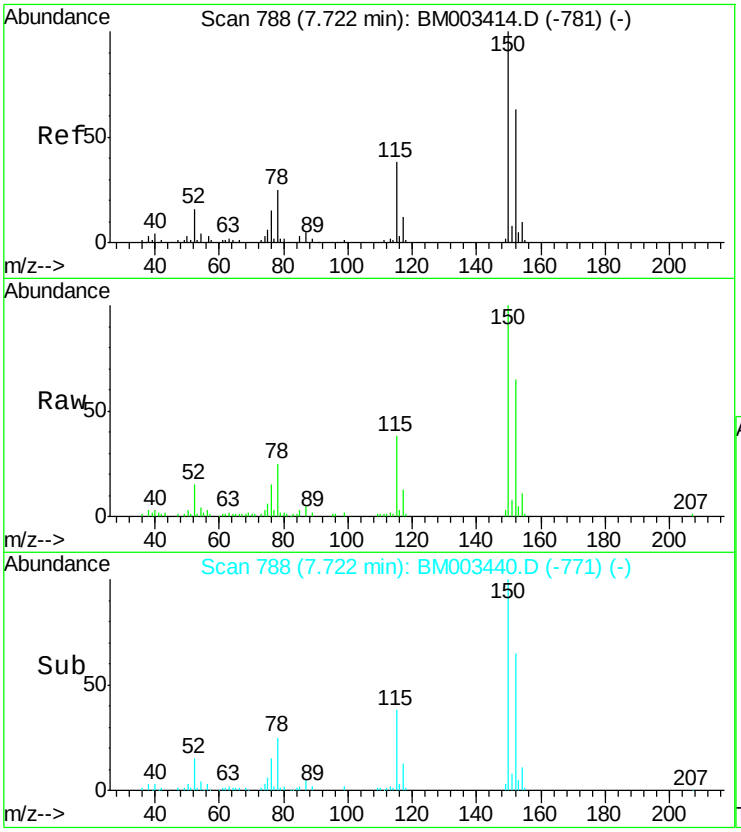


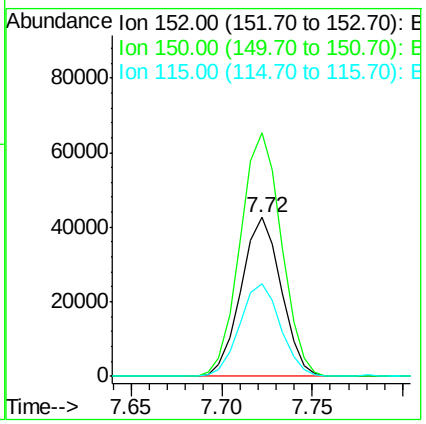


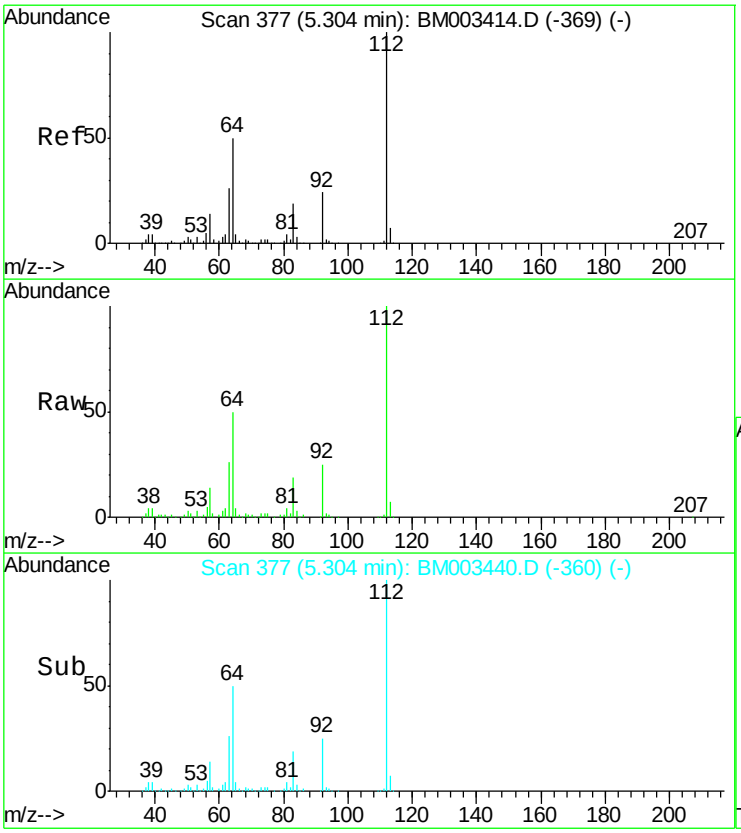
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 65807

Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	58.5	43.0	64.4

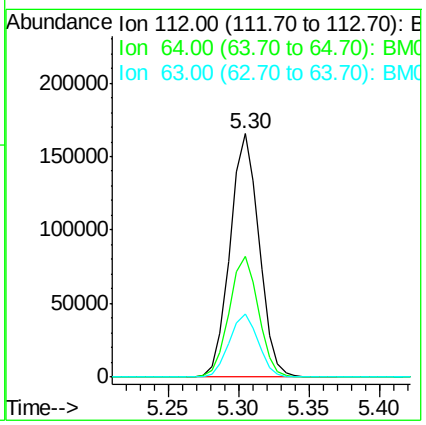


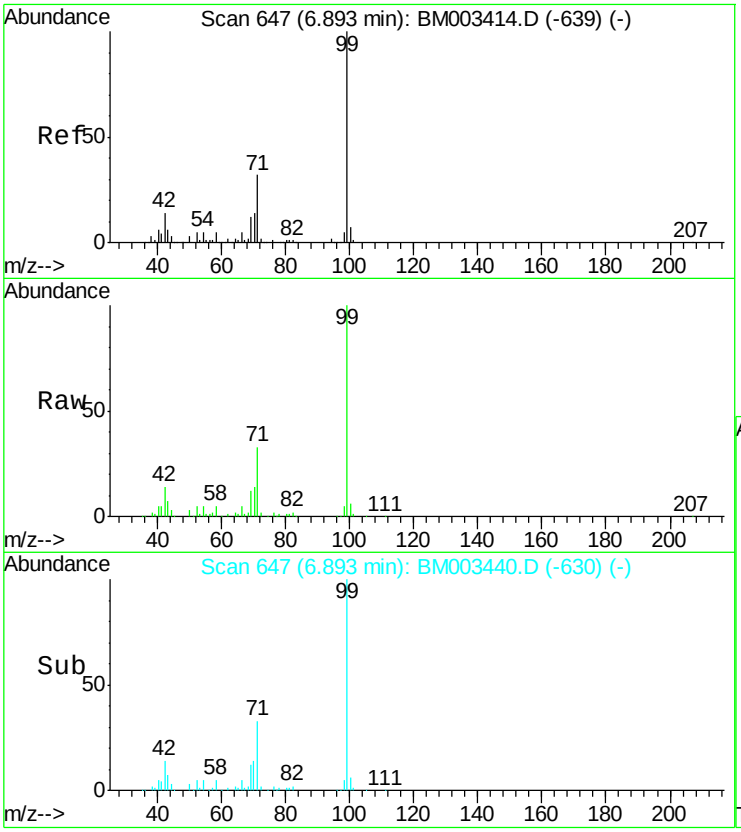


#5
2-Fluorophenol
Concen: 64.13 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:112 Resp: 237379

Ion	Ratio	Lower	Upper
112	100		
64	49.8	38.6	57.8
63	25.8	19.3	28.9



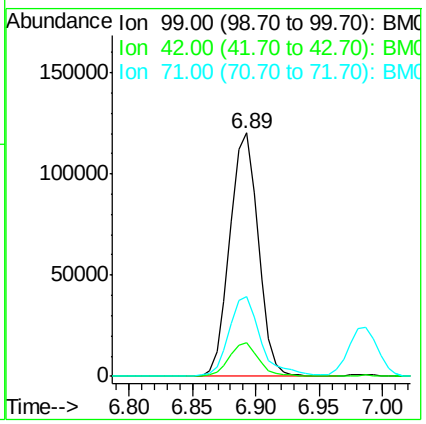


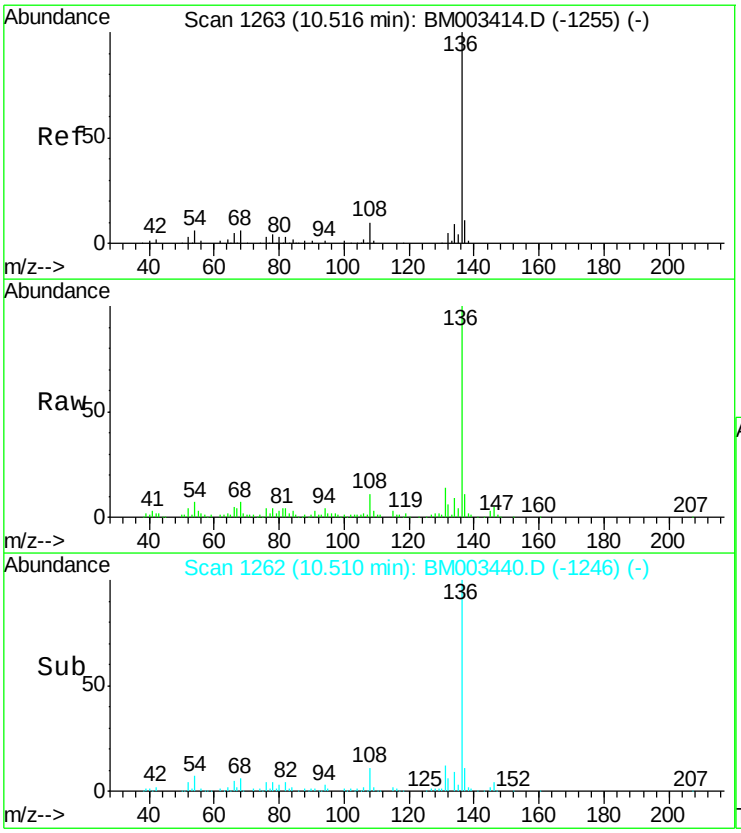
#7
Phenol-d6
Concen: 36.30 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 186596

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.4
71	32.9	23.4	35.2

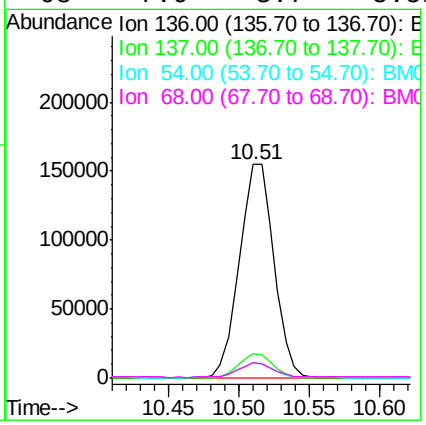


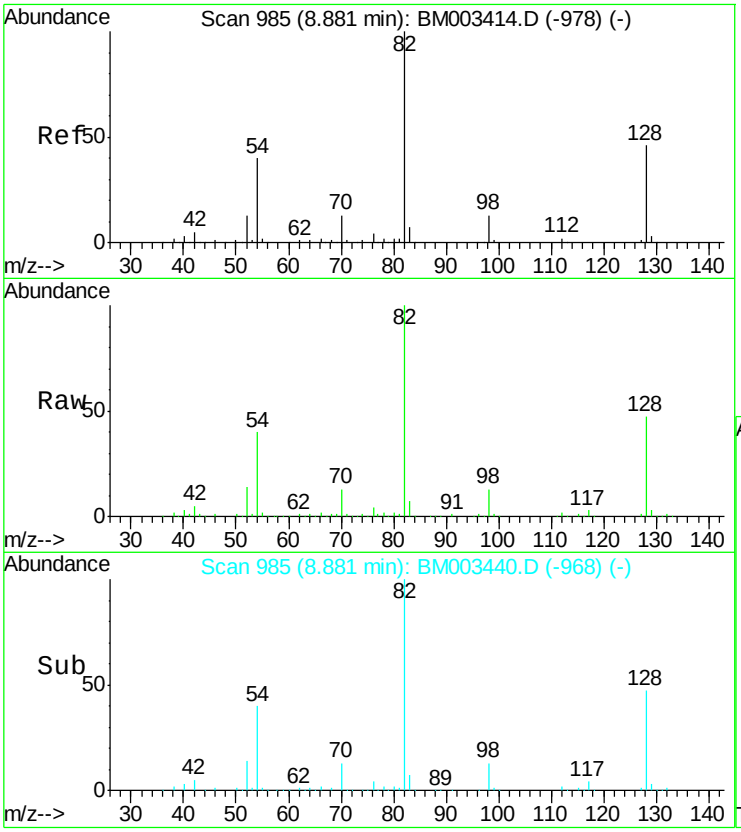


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:136 Resp: 266084

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.0	4.6	6.8#
68	7.0	3.7	5.5#



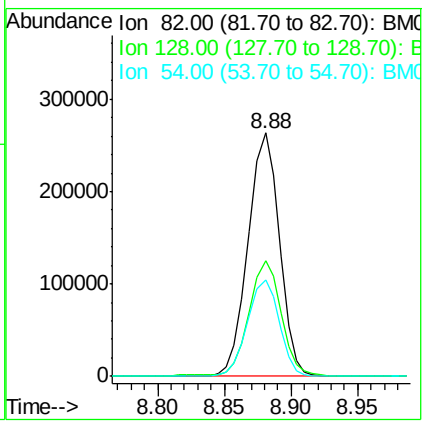


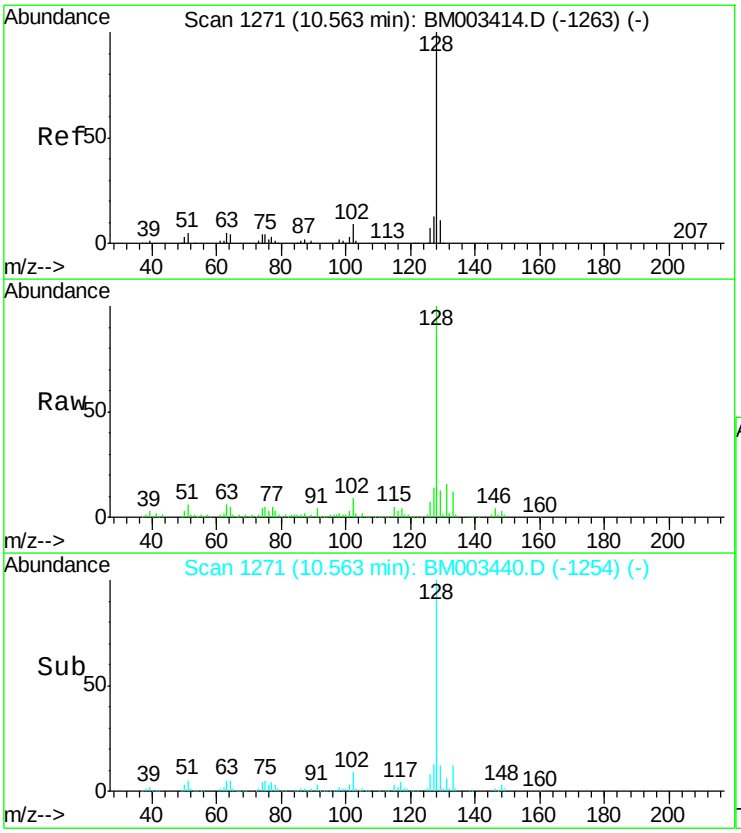
#23
Nitrobenzene-d5
Concen: 98.89 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion: 82 Resp: 424381

Ion	Ratio	Lower	Upper
82	100		
128	47.3	32.8	49.2
54	39.7	40.6	60.8#

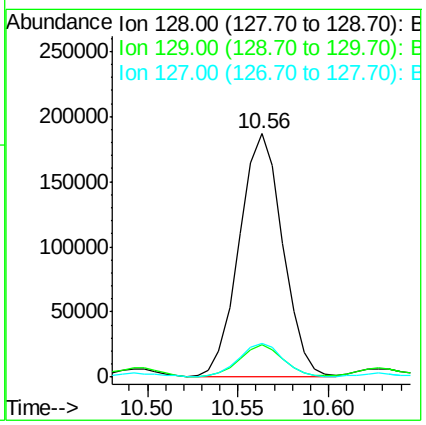


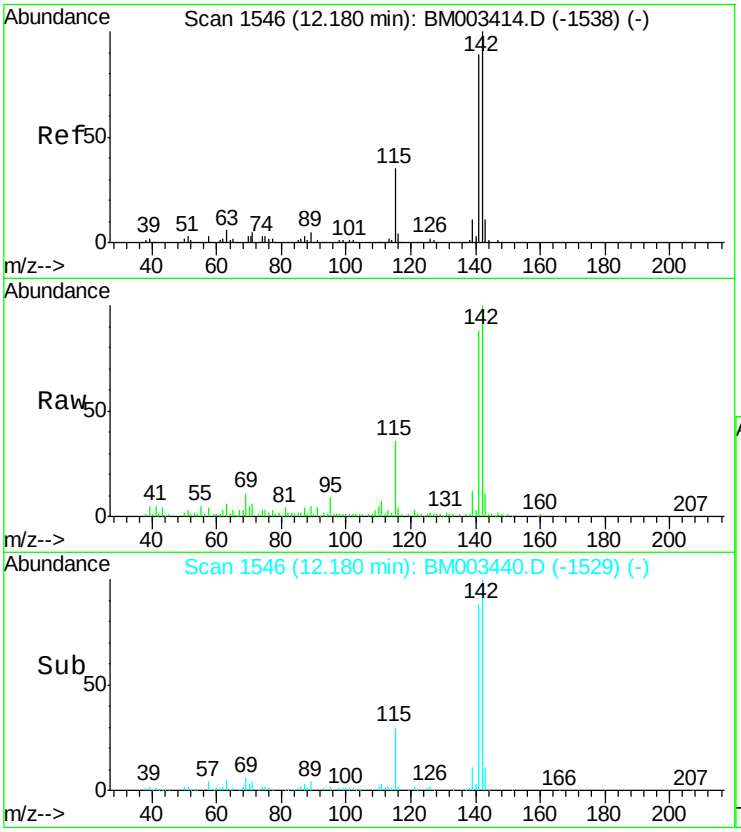


#31
Naphthalene
Concen: 22.20 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:128 Resp: 309090

Ion	Ratio	Lower	Upper
128	100		
129	13.2	8.9	13.3
127	13.8	10.4	15.6



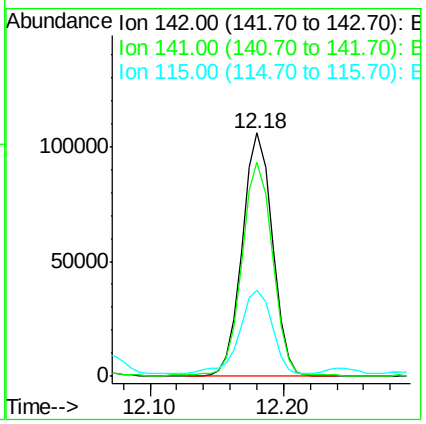


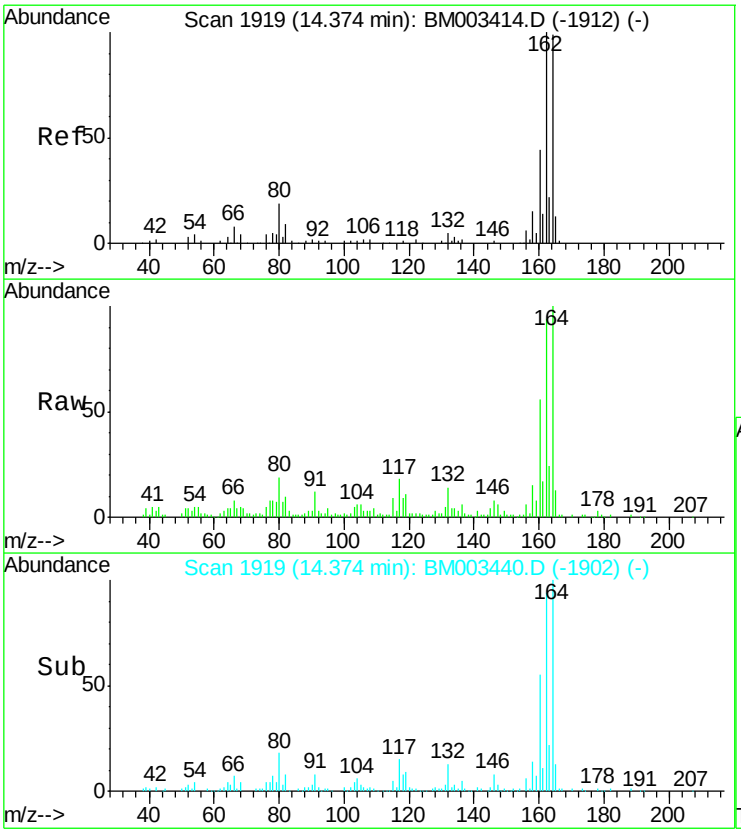
#37
2-Methylnaphthalene
Concen: 17.28 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:142 Resp: 165059

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	35.6	25.4	38.0

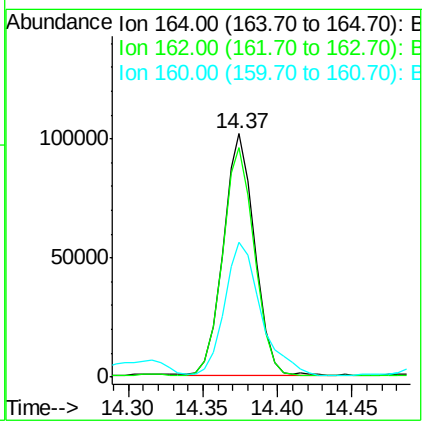


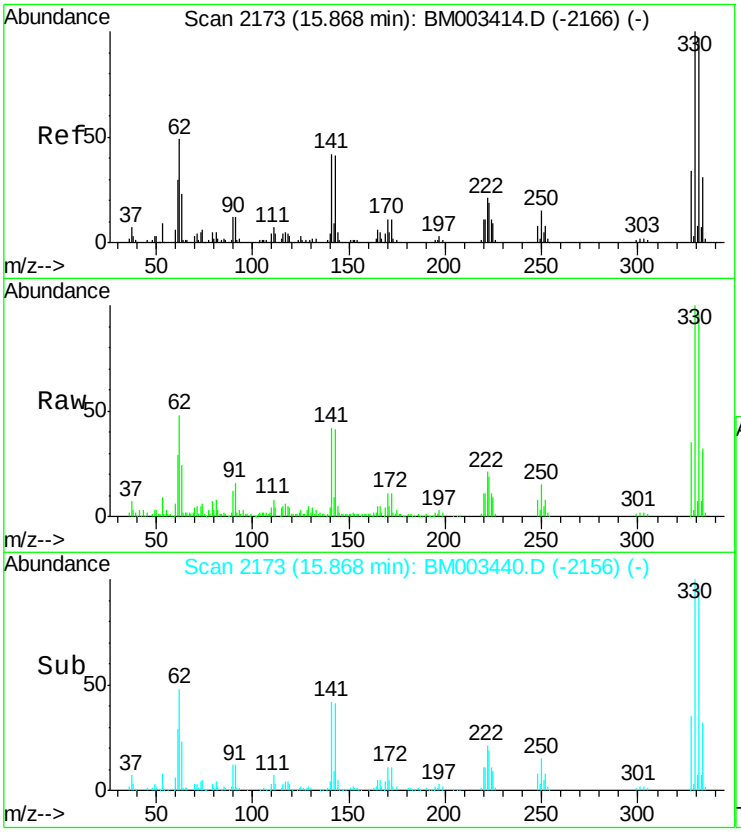


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:164 Resp: 148328

Ion	Ratio	Lower	Upper
164	100		
162	94.2	82.4	123.6
160	55.5	35.8	53.6#



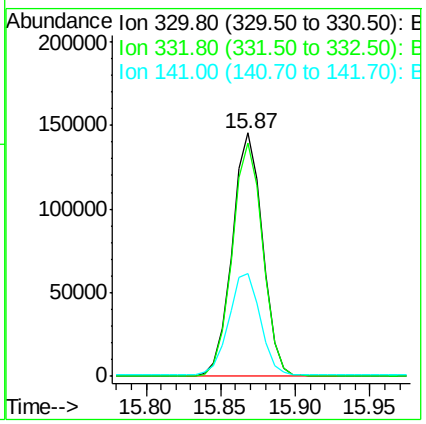


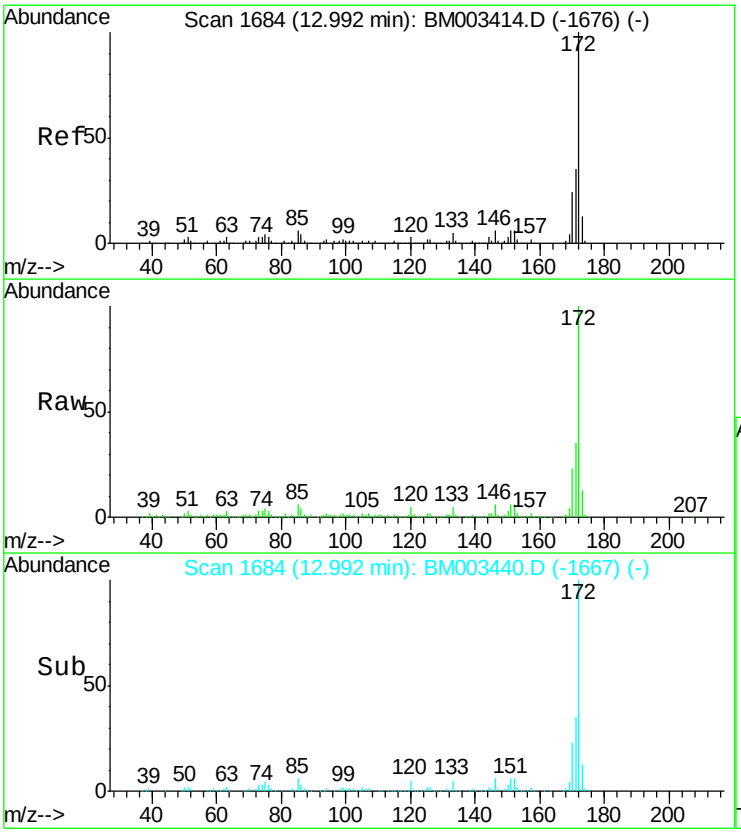
#41
2,4,6-Tribromophenol
Concen: 139.52 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:330 Resp: 206673

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.5	0.0	0.0#

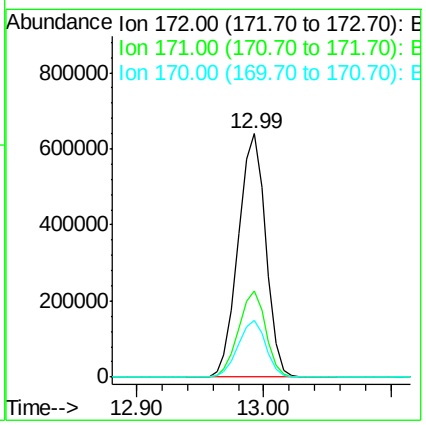


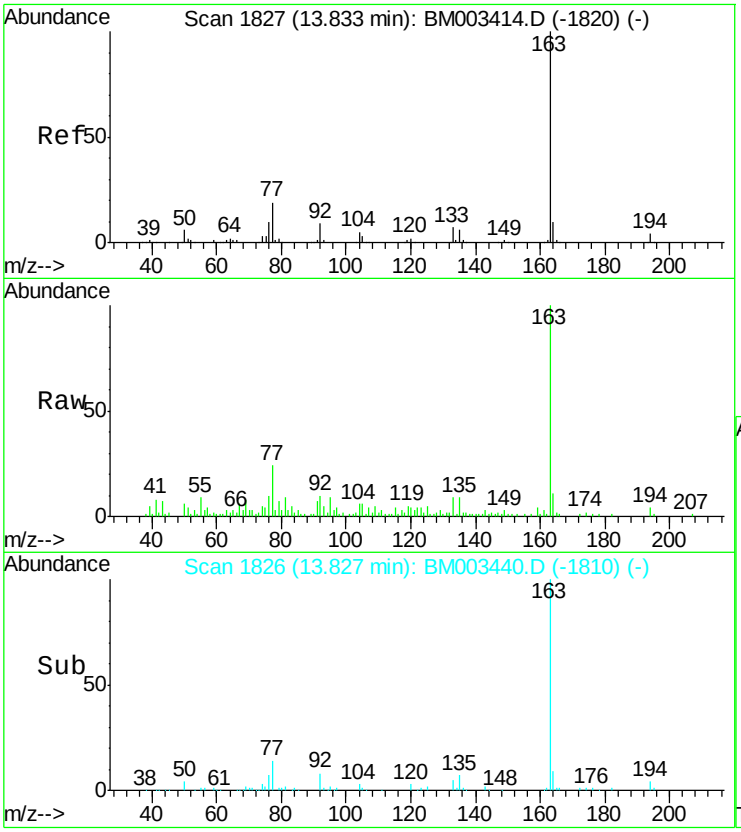


#44
2-Fluorobiphenyl
Concen: 88.01 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:172 Resp: 958201

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.3	18.8	28.2



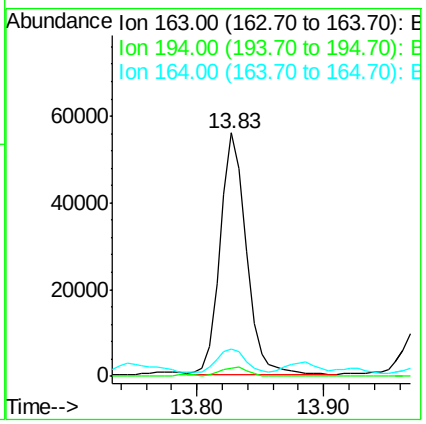


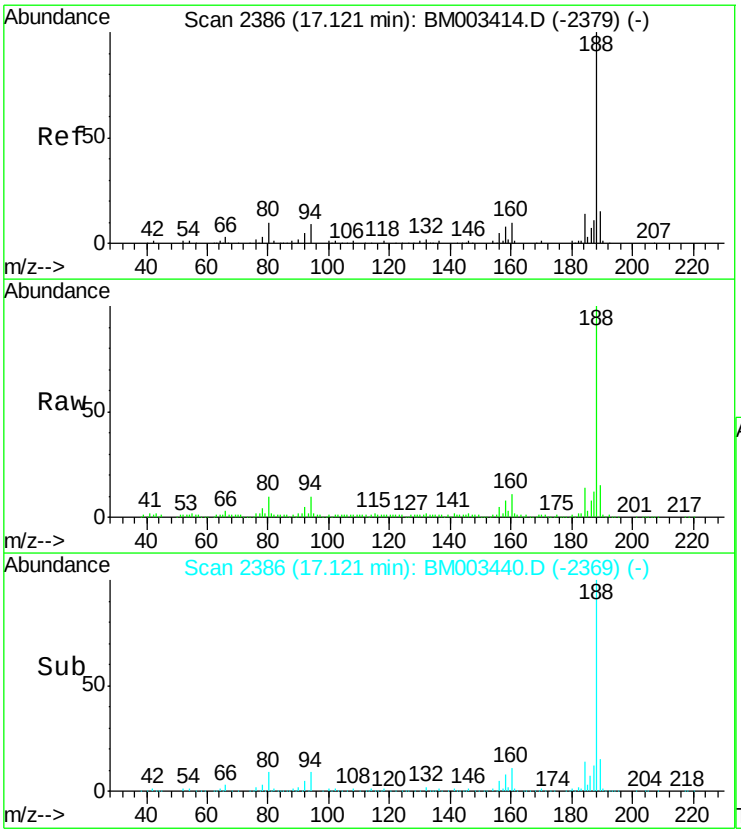
#49
Dimethylphthalate
Concen: 6.51 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:163 Resp: 79520

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.4	8.2	12.2

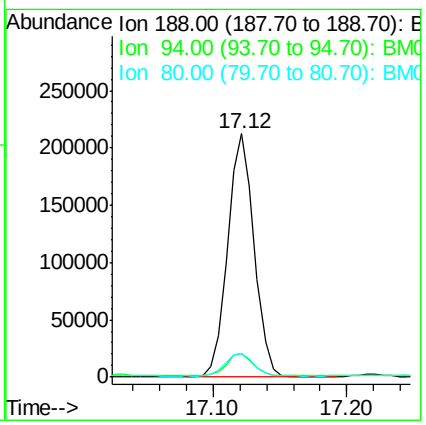


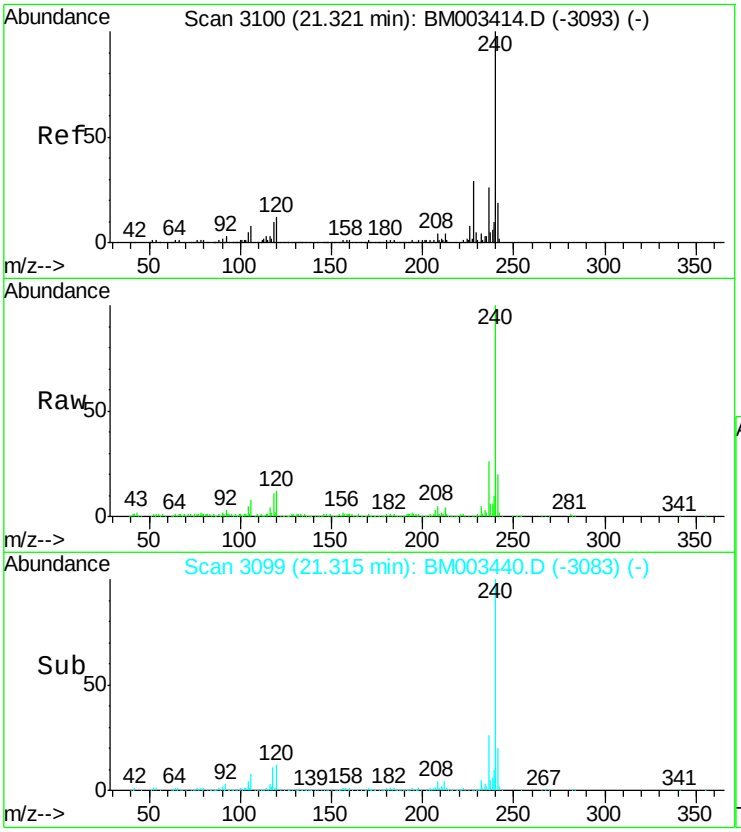


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:188 Resp: 294806

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



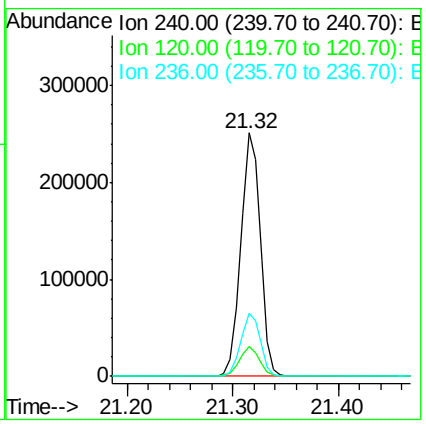


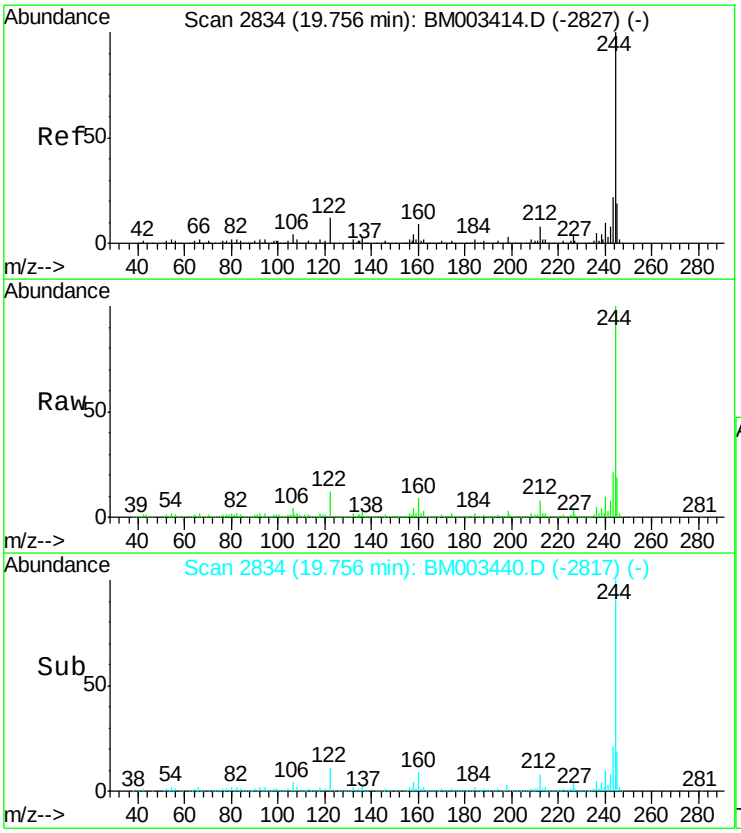
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:240 Resp: 319319

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.2
236	26.1	20.0	30.0

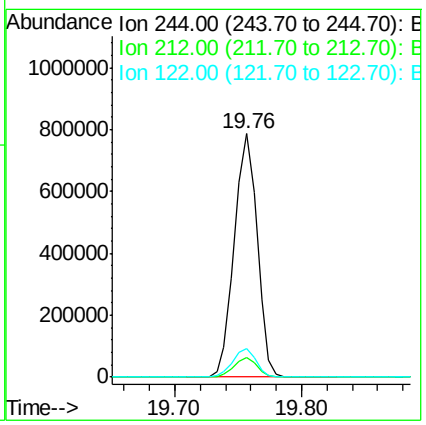


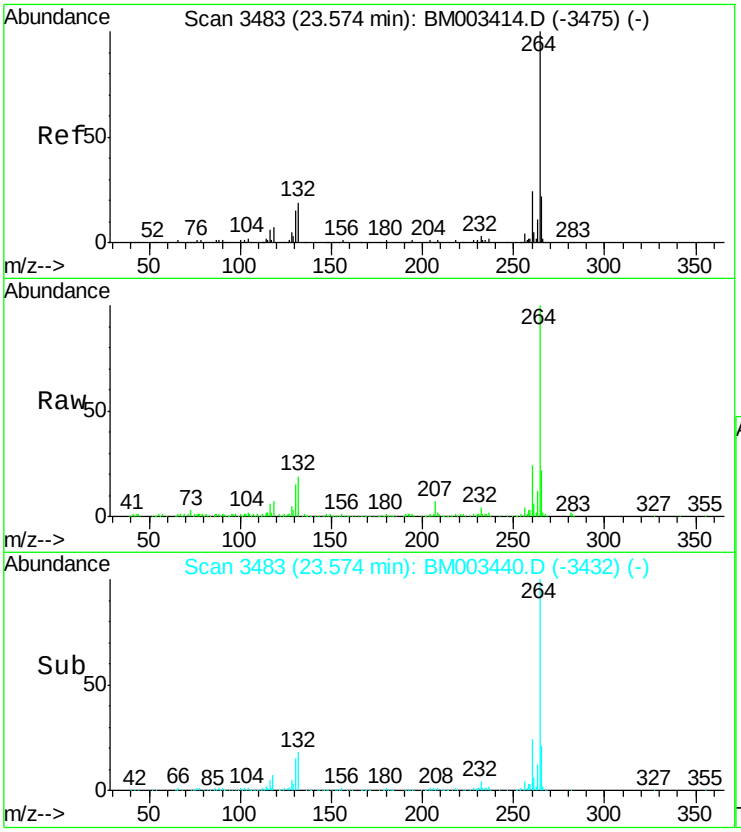


#78
Terphenyl-d14
Concen: 72.28 ng
RT: 19.76 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:244 Resp: 978626

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	11.5	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :
MW-08

Tgt Ion:264 Resp: 322120

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.5	17.3	25.9