Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001175.D
Acq On : 02 May 2015 20:00
Operator : TP/IZ
Sample : G2058-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-28

Quant Time: May 04 17:46:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	14582	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	54447	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	29962	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	75267	5.00	ng	0.00
24) Chrysene-d12	21.15	240	64062	5.00	ng	0.00
30) Perylene-d12	23.29	264	50182	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	195951	69.09	ng	-0.01
5) Phenol-d6	6.71	99	161187	46.13	ng	0.00
7) Nitrobenzene-d5	8.69	82	397861	129.00	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	264462	177.28	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	1085329	109.53	ng	0.00
26) Terphenyl-d14	19.59	244	928023	105.07	ng	0.00
Target Compounds						Qvalue
16) Acenaphthene	14.24	154	1055	0.12	ng	91
23) Fluoranthene	19.01	202	2532	0.13	ng	97
25) Pyrene	19.38	202	3111	0.16	ng	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001175.D
Acq On : 02 May 2015 20:00
Operator : TP/IZ
Sample : G2058-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
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MW-28

Quant Time: May 04 17:46:02 2015
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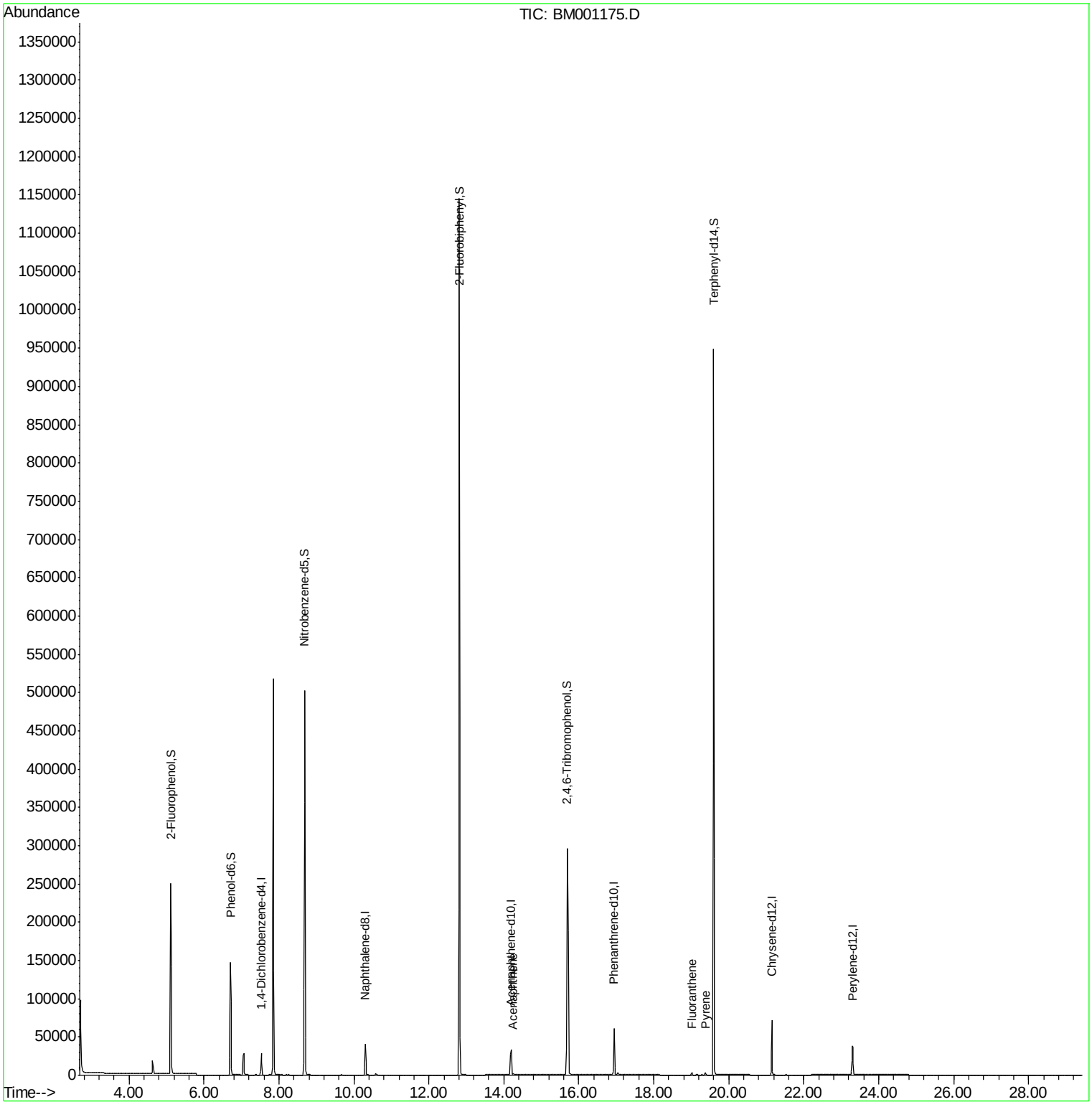
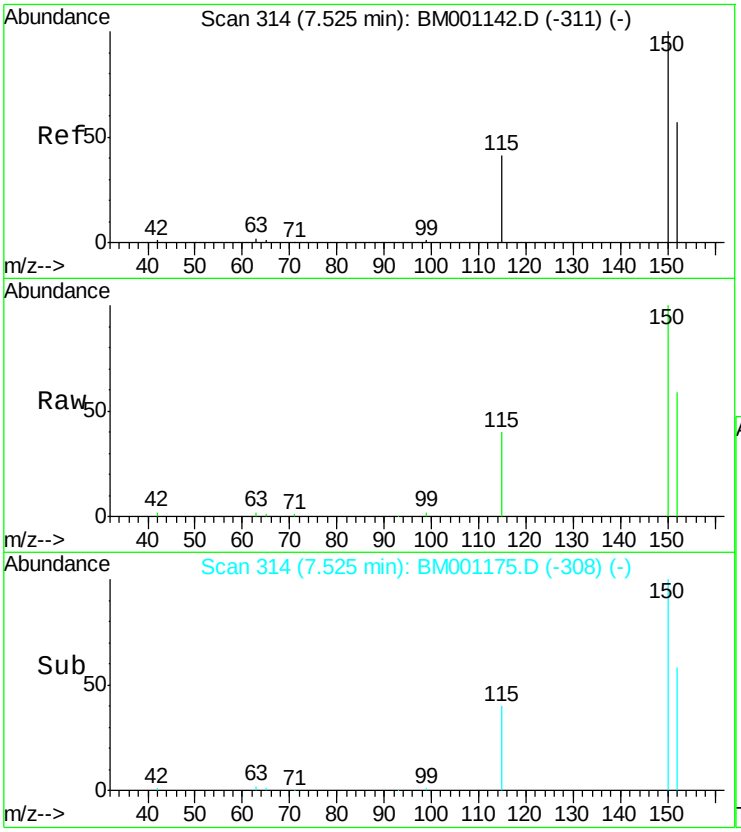


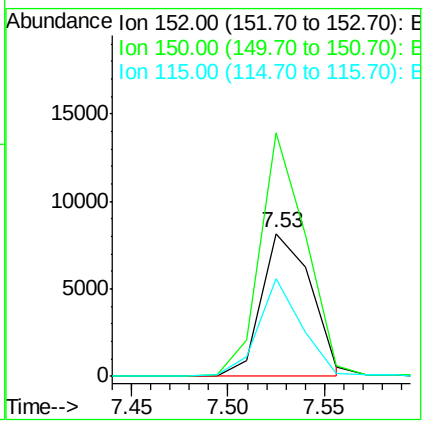


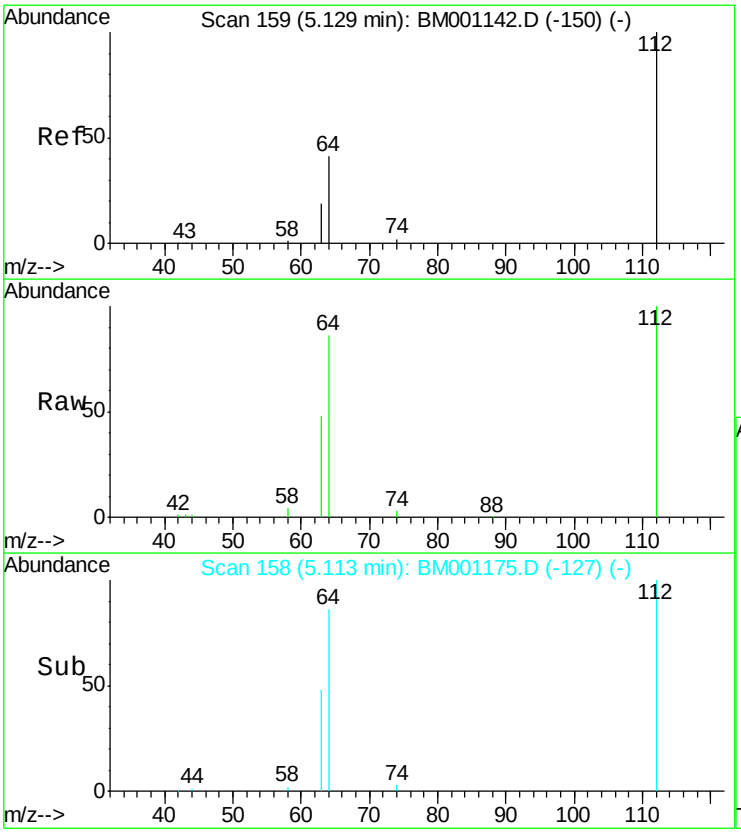
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 14582

Ion	Ratio	Lower	Upper
152	100		
150	170.8	140.1	210.1
115	68.1	57.8	86.6

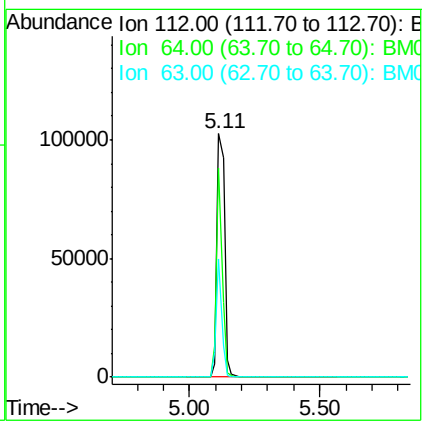


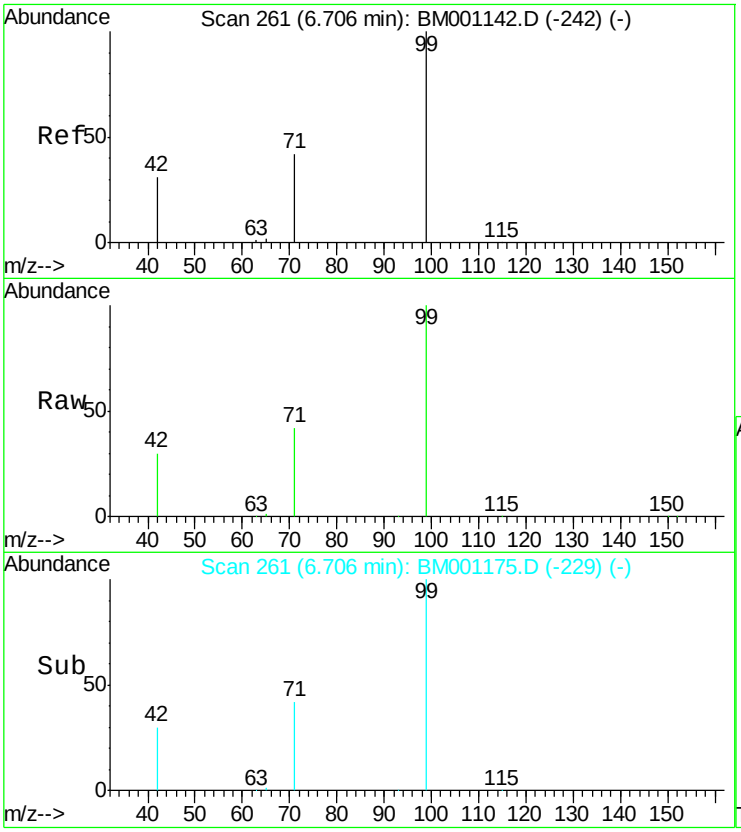


#4
2-Fluorophenol
Concen: 69.09 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:112 Resp: 195951

Ion	Ratio	Lower	Upper
112	100		
64	64.5	52.6	79.0
63	35.6	29.5	44.3



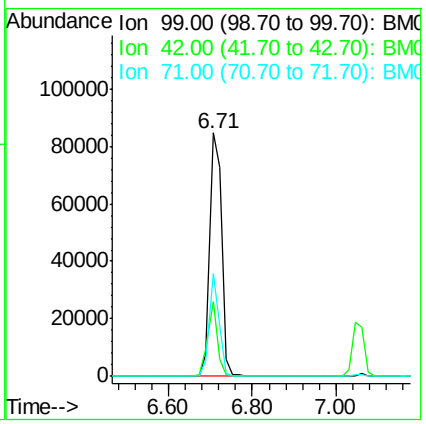


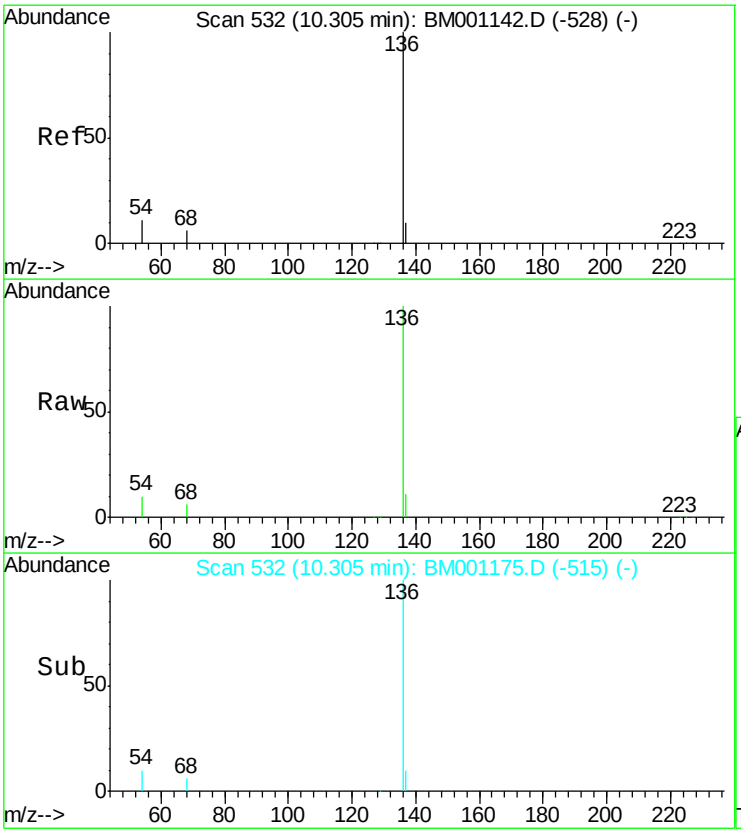
#5
Phenol-d6
Concen: 46.13 ng
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion: 99 Resp: 161187

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.9	31.3
71	35.1	28.5	42.7

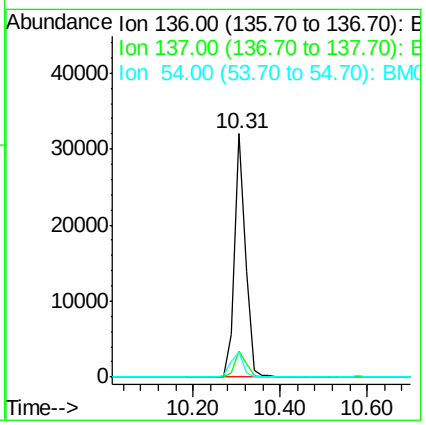


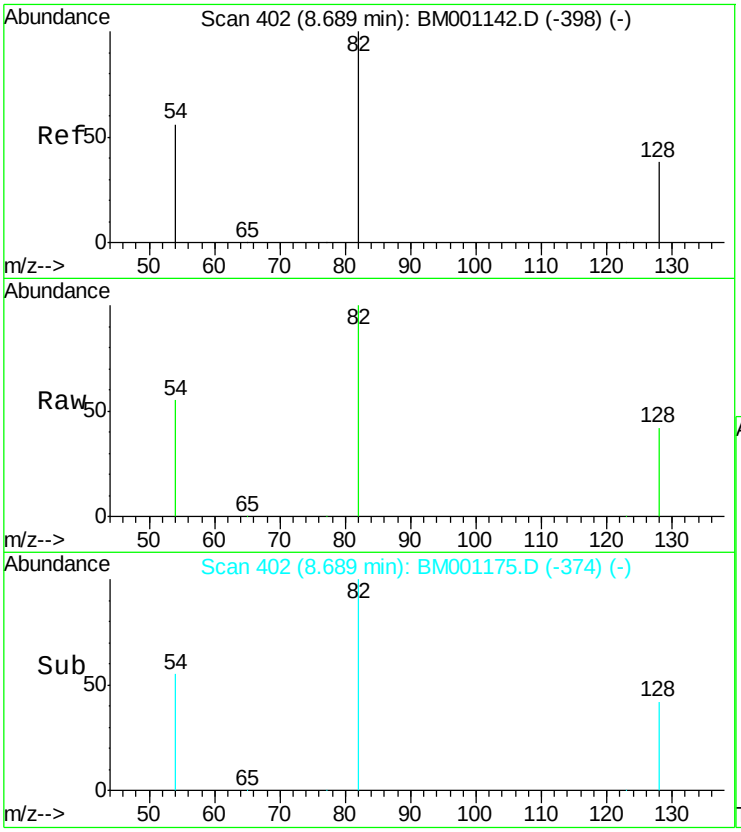


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:136 Resp: 54447

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	10.1	9.0	13.4



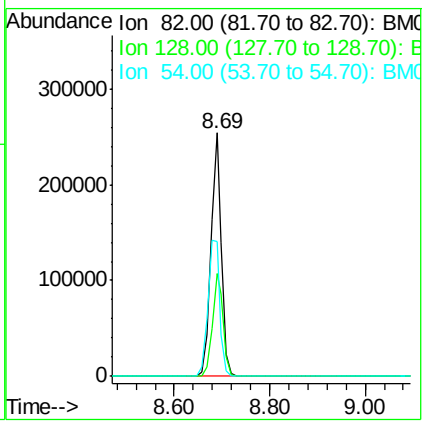


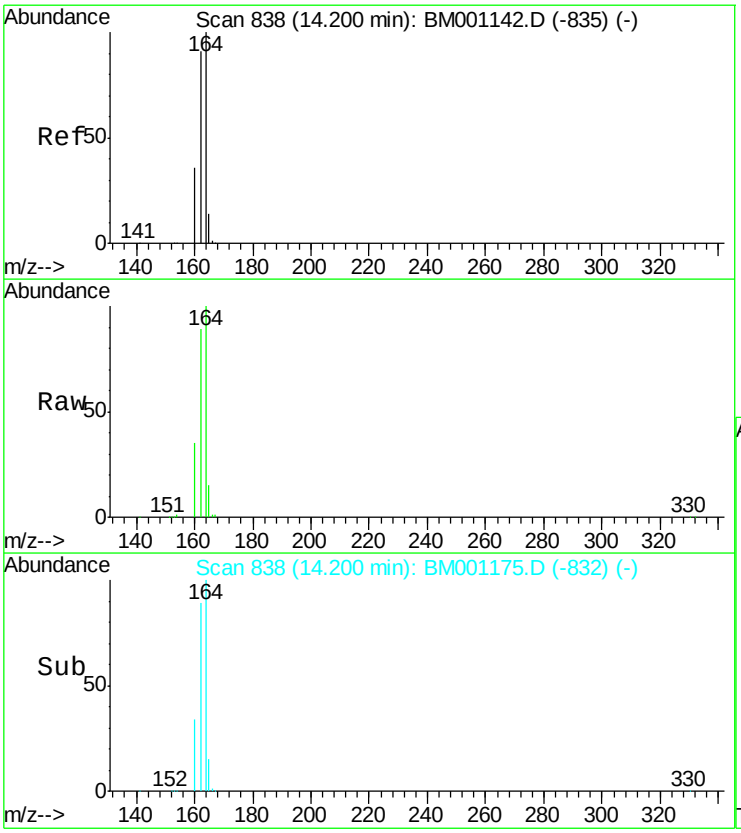
#7
Nitrobenzene-d5
Concen: 129.00 ng
RT: 8.69 min Scan# 402
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion: 82 Resp: 397861

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.9	47.9
54	55.2	46.2	69.2

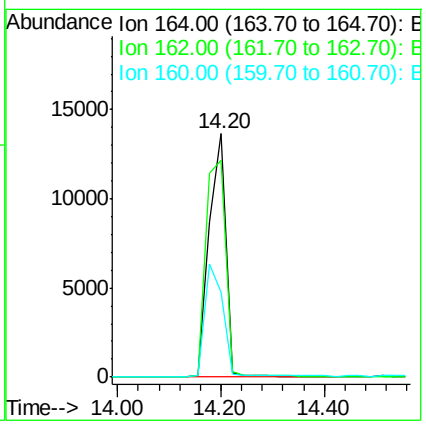


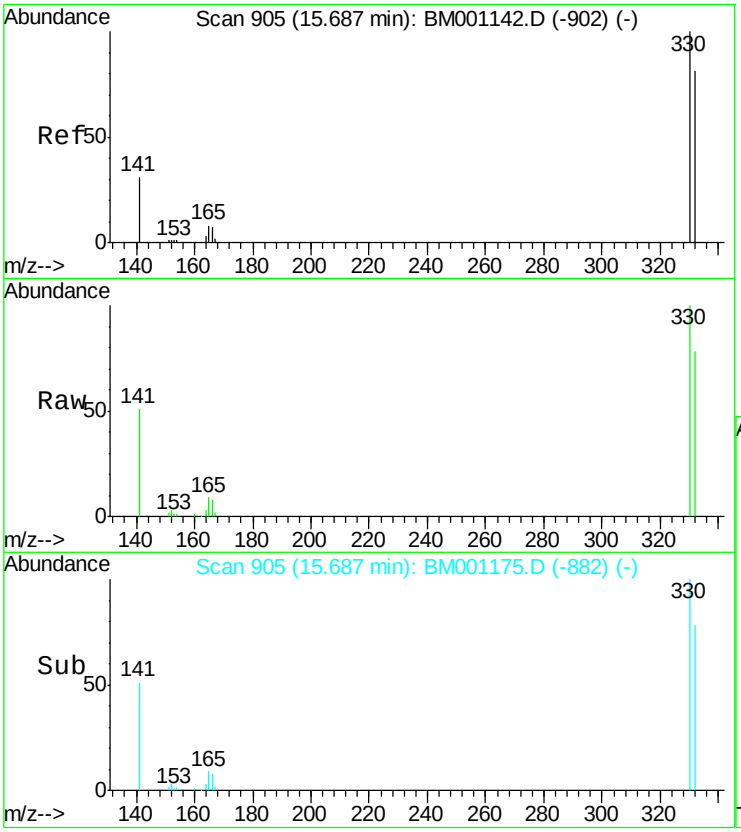


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:164 Resp: 29962

Ion	Ratio	Lower	Upper
164	100		
162	89.0	72.7	109.1
160	34.7	28.7	43.1



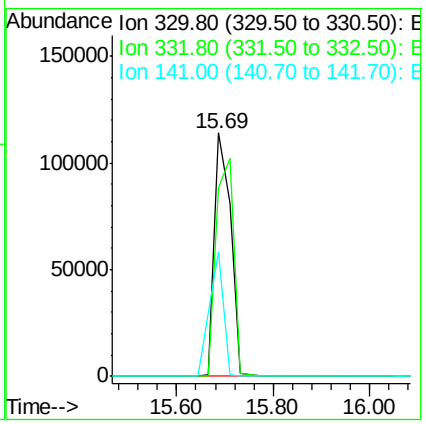


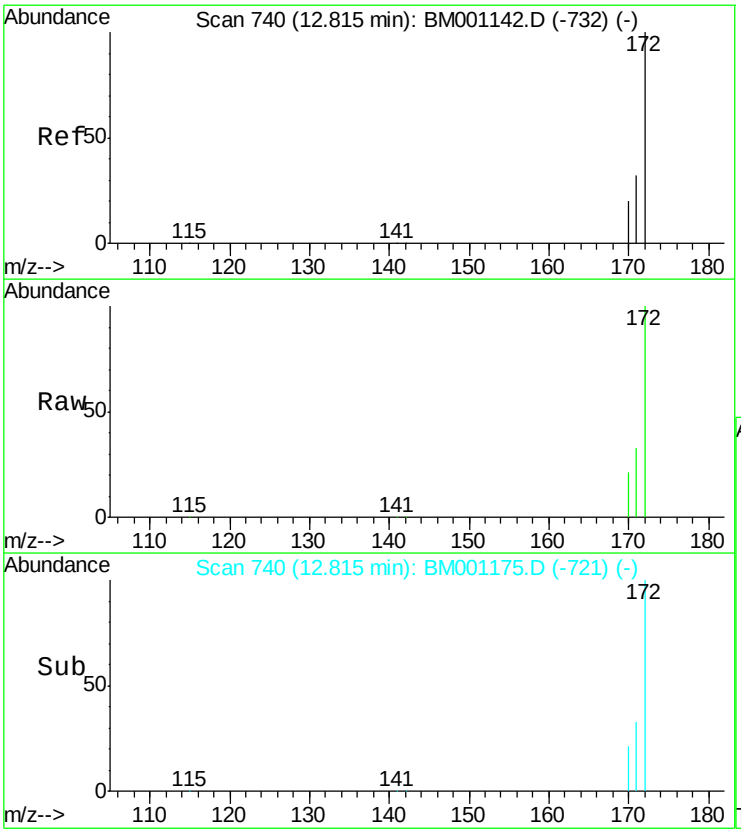
#13
2,4,6-Tribromophenol
Concen: 177.28 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:330 Resp: 264462

Ion	Ratio	Lower	Upper
330	100		
332	0.0	74.5	111.7#
141	45.7	21.0	31.4#

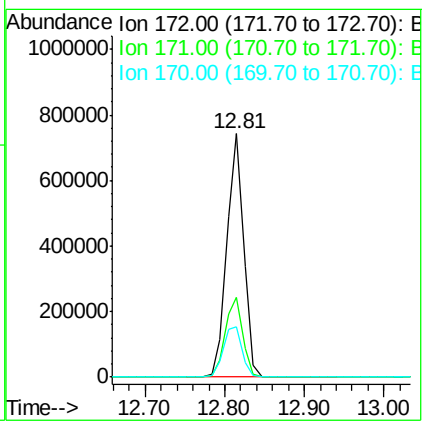


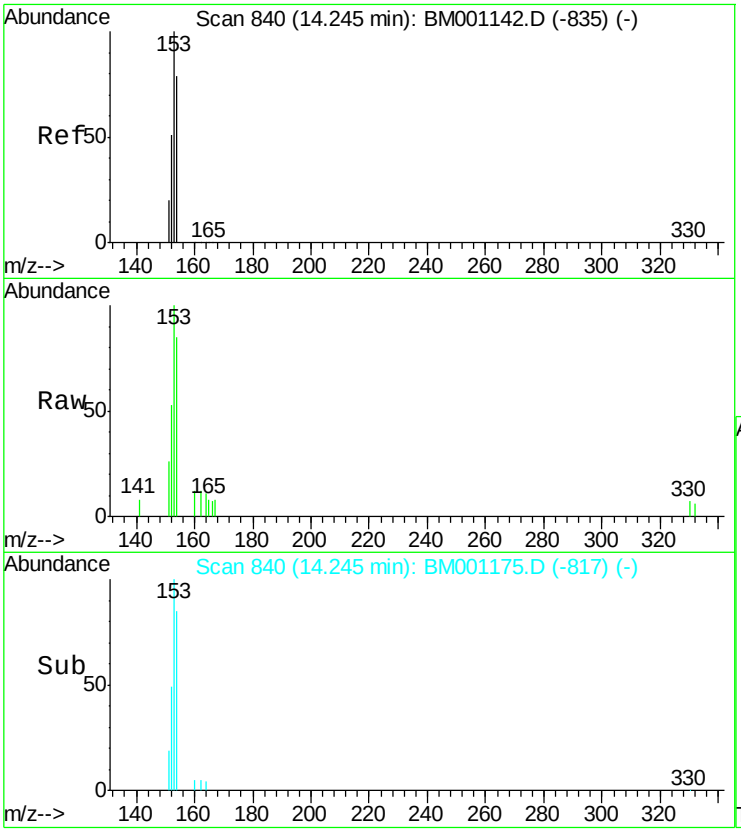


#14
2-Fluorobiphenyl
Concen: 109.53 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:172 Resp: 1085329

Ion	Ratio	Lower	Upper
172	100		
171	33.0	25.8	38.6
170	20.8	16.1	24.1



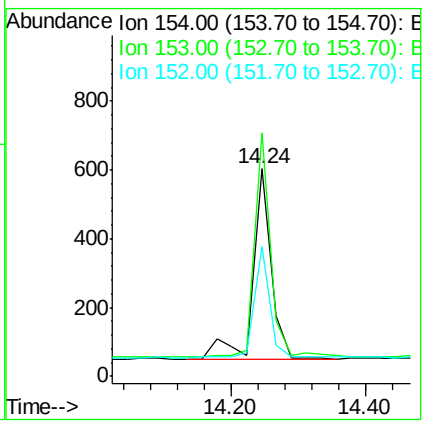


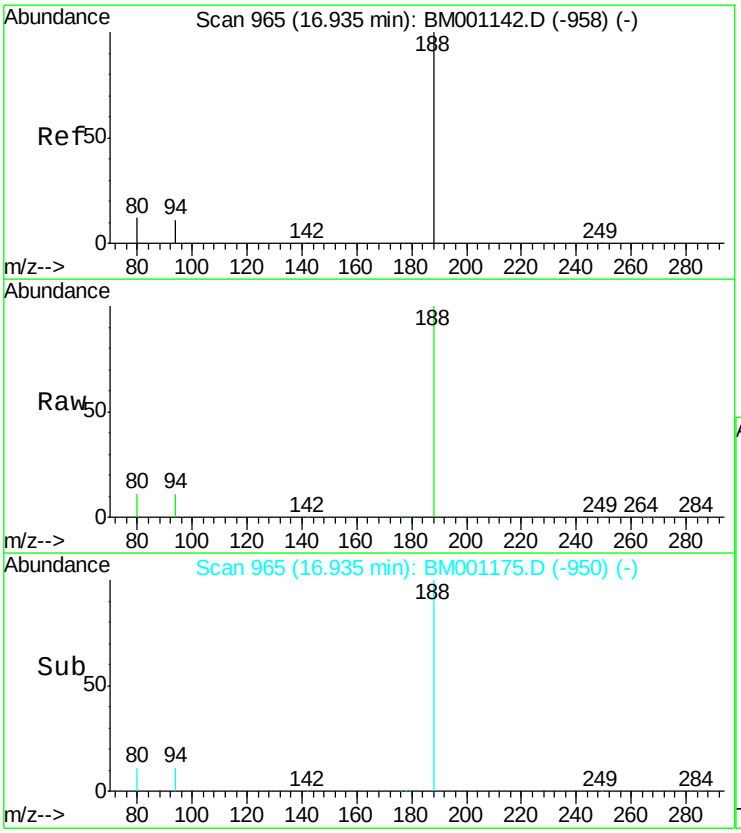
#16
Acenaphthene
Concen: 0.12 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:154 Resp: 1055

Ion	Ratio	Lower	Upper
154	100		
153	103.8	90.6	136.0
152	50.3	45.0	67.4

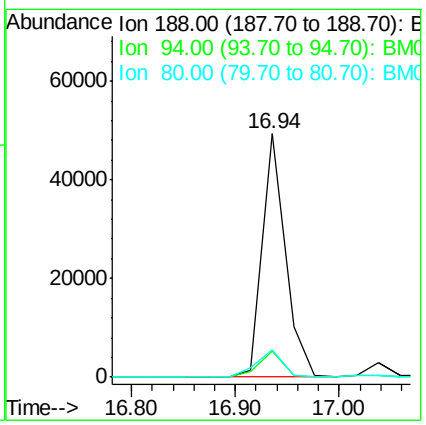


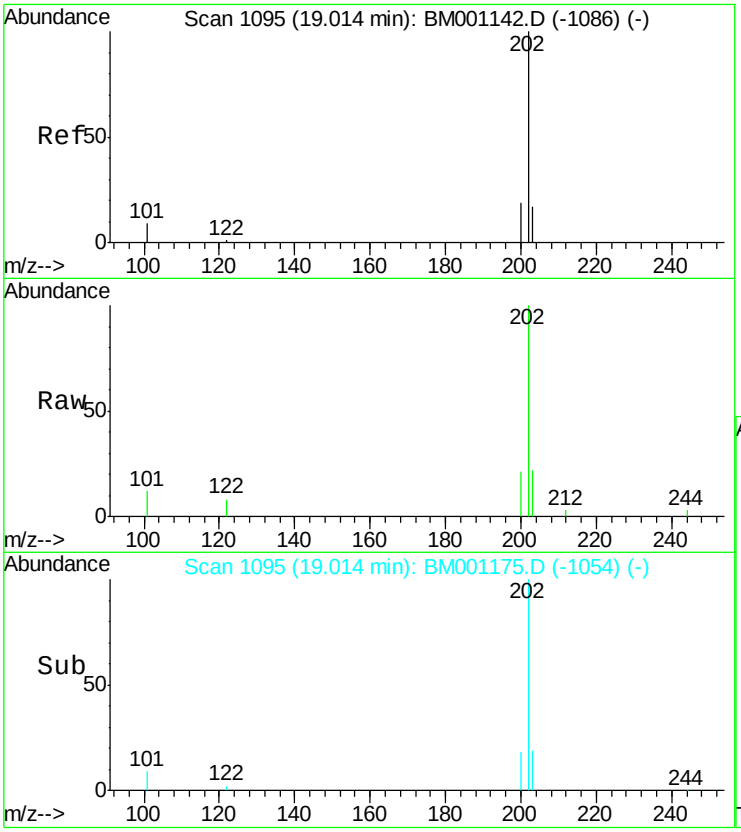


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:188 Resp: 75267

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.3	13.9
80	11.3	9.8	14.6



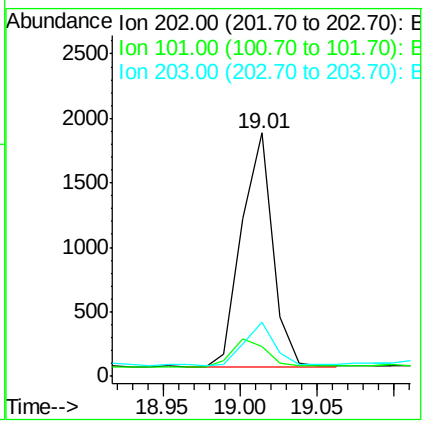


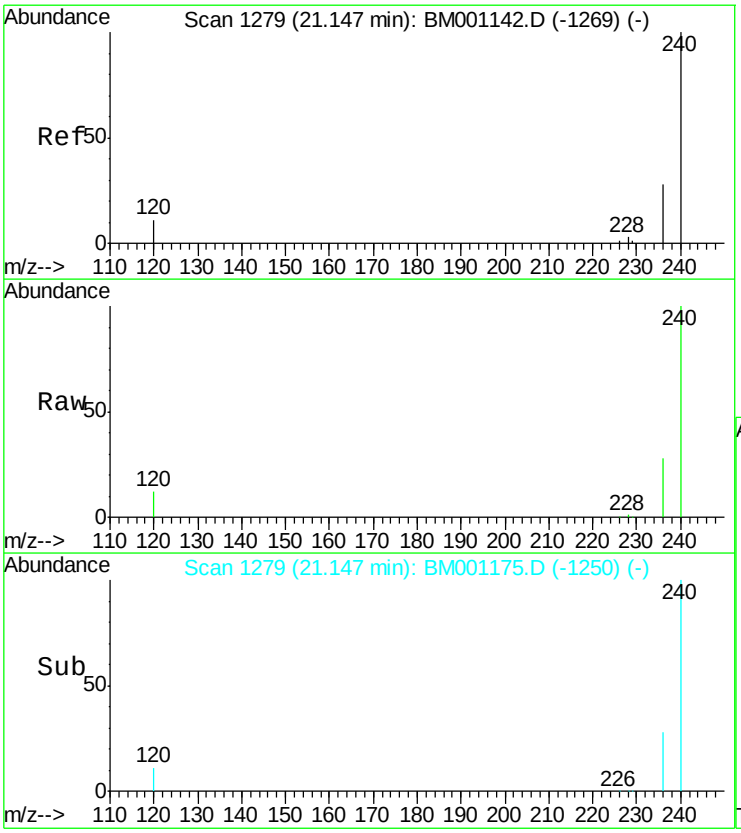
#23
Fluoranthene
Concen: 0.13 ng
RT: 19.01 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:202 Resp: 2532

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.3	13.9
203	17.7	13.7	20.5

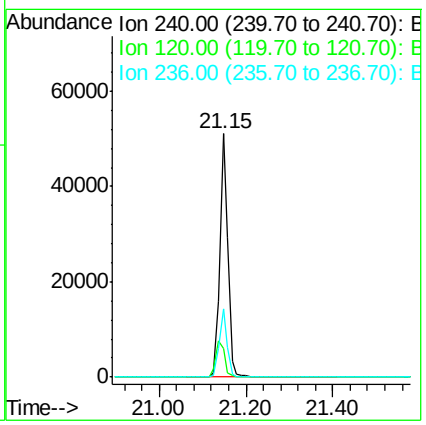


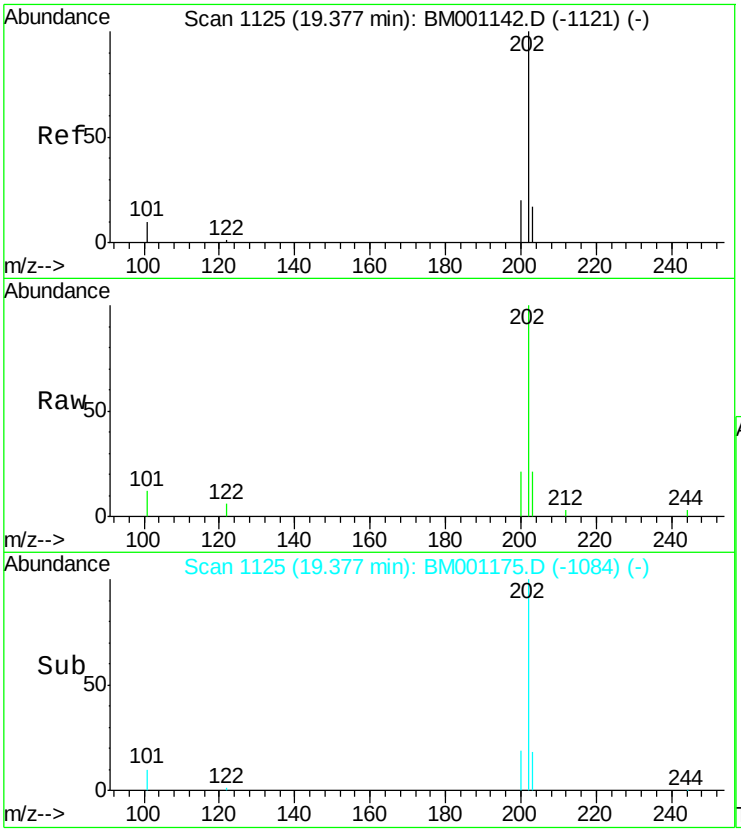


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:240 Resp: 64062

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	28.3	22.4	33.6



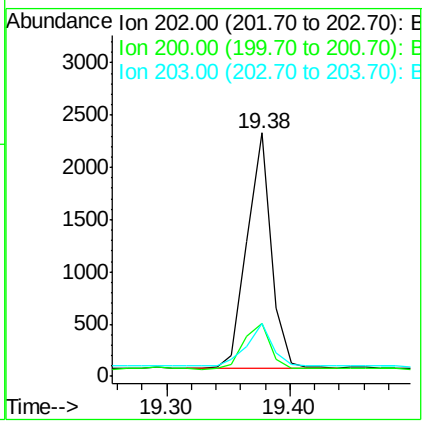


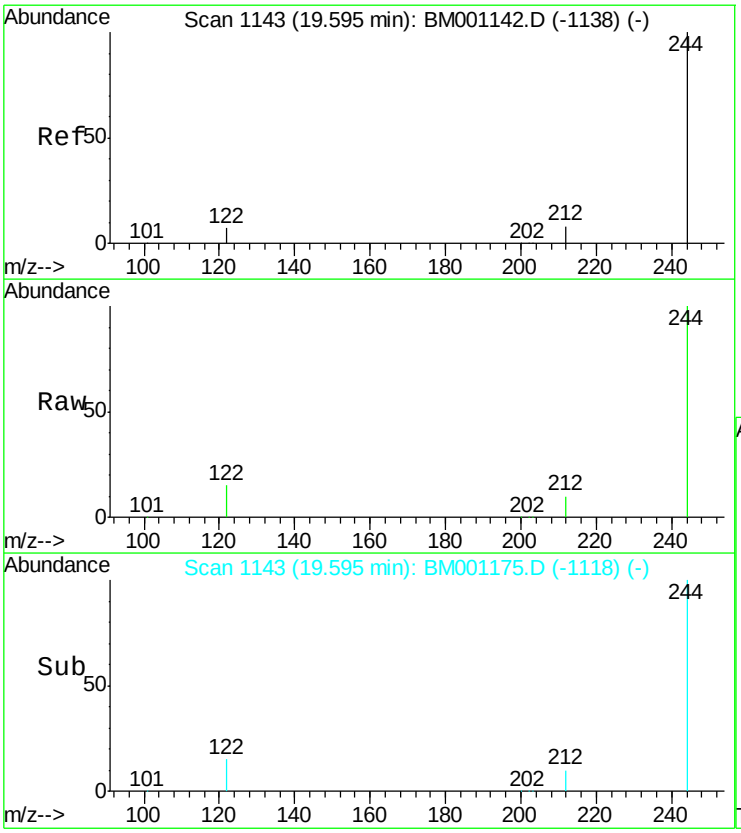
#25
Pyrene
Concen: 0.16 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:202 Resp: 3111

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.4	24.6
203	20.5	13.8	20.6

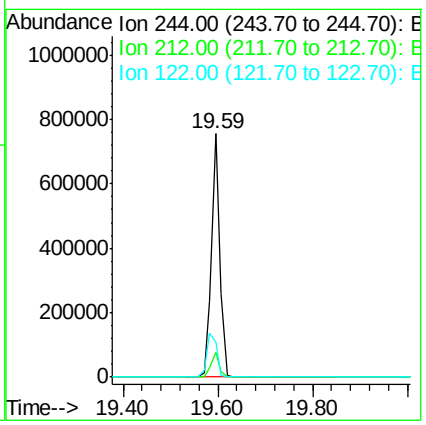


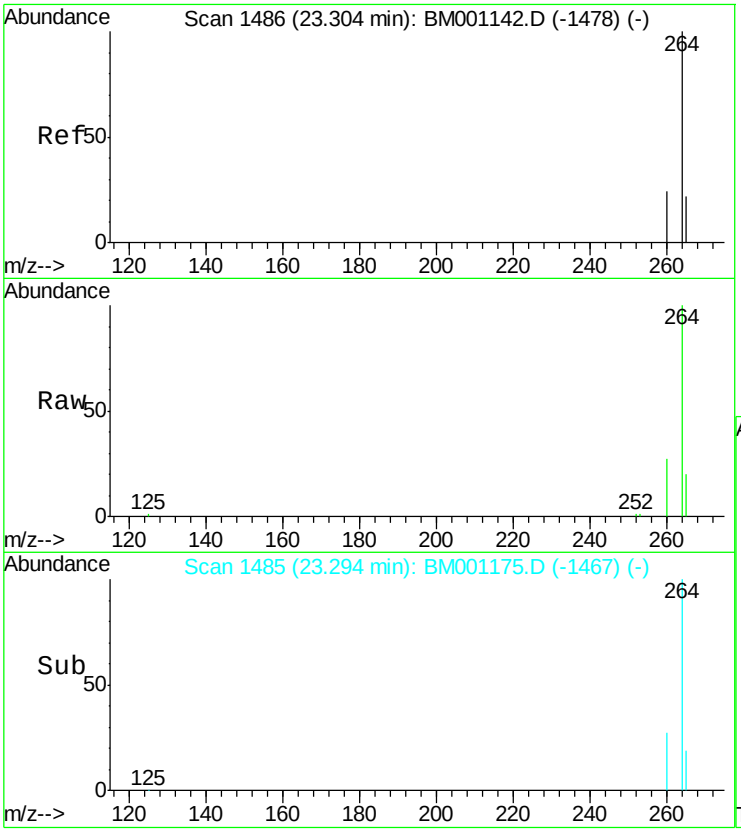


#26
Terphenyl-d14
Concen: 105.07 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Tgt Ion:244 Resp: 928023

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.1	10.7
122	14.5	6.2	9.4#





#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001175.D
Acq: 02 May 2015 20:00

Instrument :
BNA_M
ClientSampleId :
MW-28

Tgt Ion:264 Resp: 50182

Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.9	28.3
265	20.5	18.1	27.1