Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004567.D
Acq On : 05 Mar 2016 21:43
Operator : SJ/UM
Sample : PB88683BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB88683BL

Quant Time: Mar 07 08:00:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:54:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	21525	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	79000	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	44109	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	100800	5.00	ng	0.00
25) Chrysene-d12	20.98	240	99541	5.00	ng	0.00
34) Perylene-d12	23.09	264	89334	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	35278	6.92	ng	-0.02
5) Phenol-d6	6.61	99	41387	6.77	ng	-0.02
8) Nitrobenzene-d5	8.48	82	16159	3.83	ng	0.01
14) 2,4,6-Tribromophenol	15.50	330	11117	6.71	ng	0.00
15) 2-Fluorobiphenyl	12.59	172	56809	4.02	ng	0.01
28) Terphenyl-d14	19.41	244	50956	3.40	ng	0.00
Target Compounds						Qvalue

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

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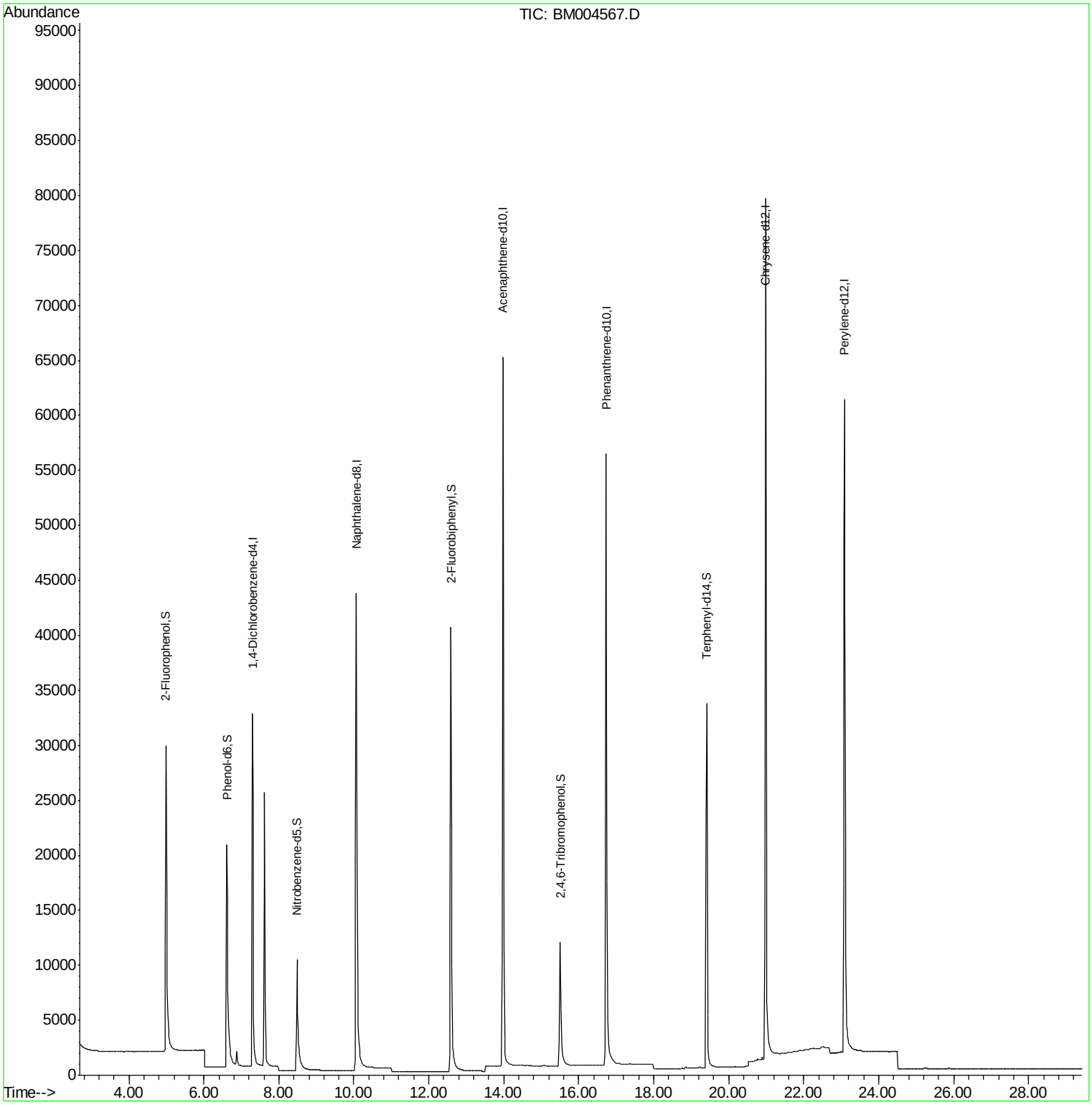
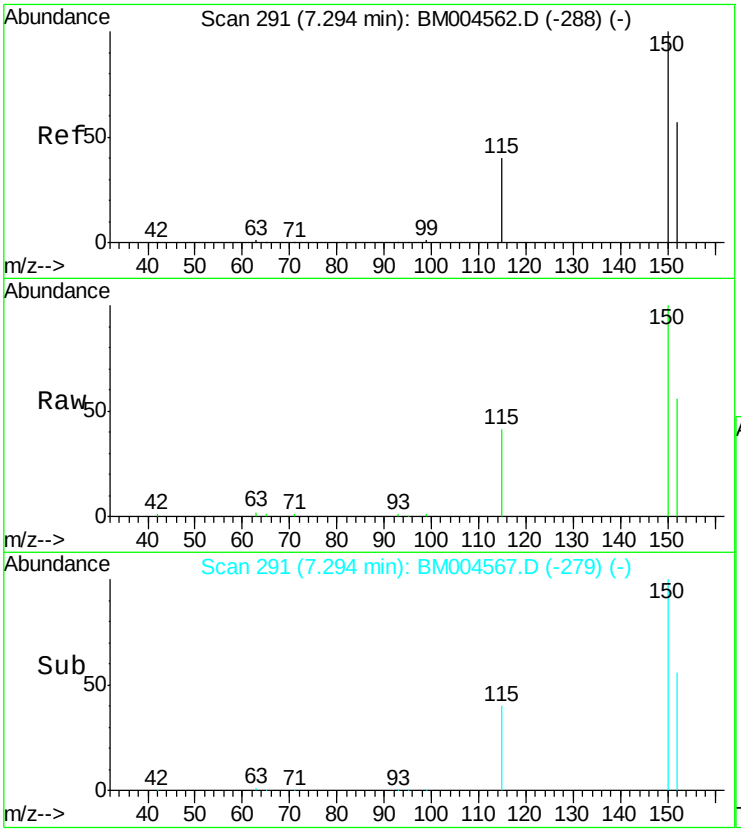


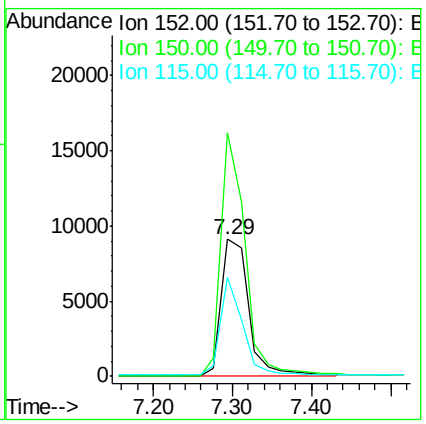


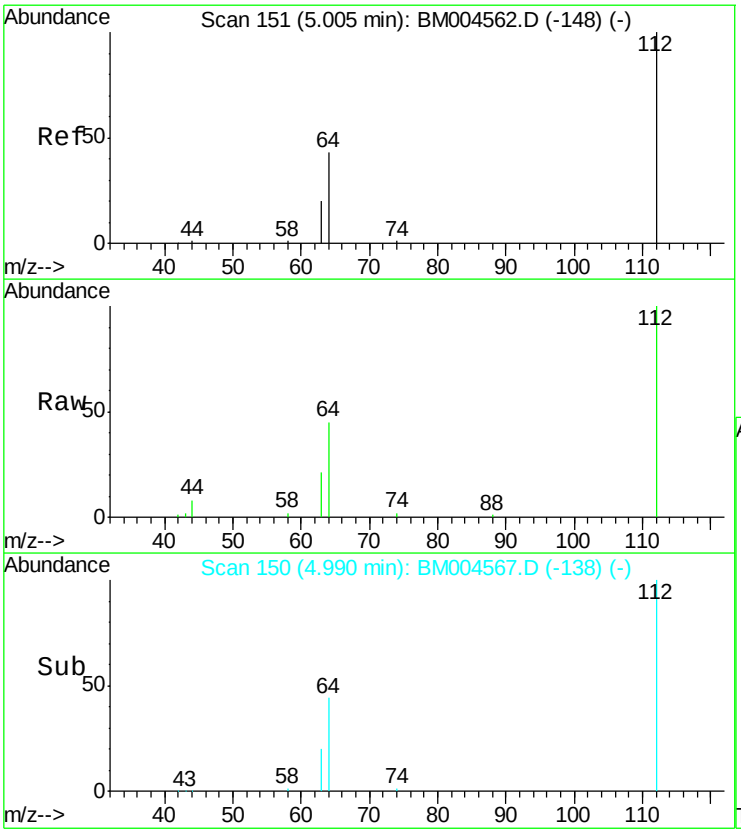
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion:152 Resp: 21525

Ion	Ratio	Lower	Upper
152	100		
150	177.8	140.1	210.1
115	72.3	56.1	84.1

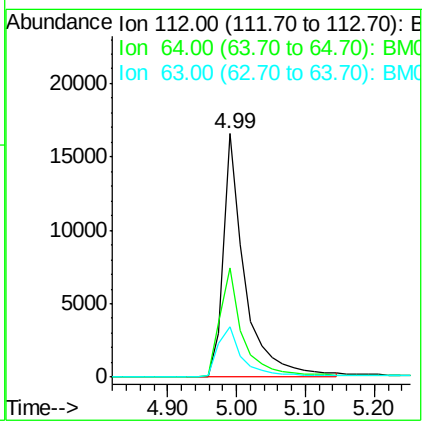


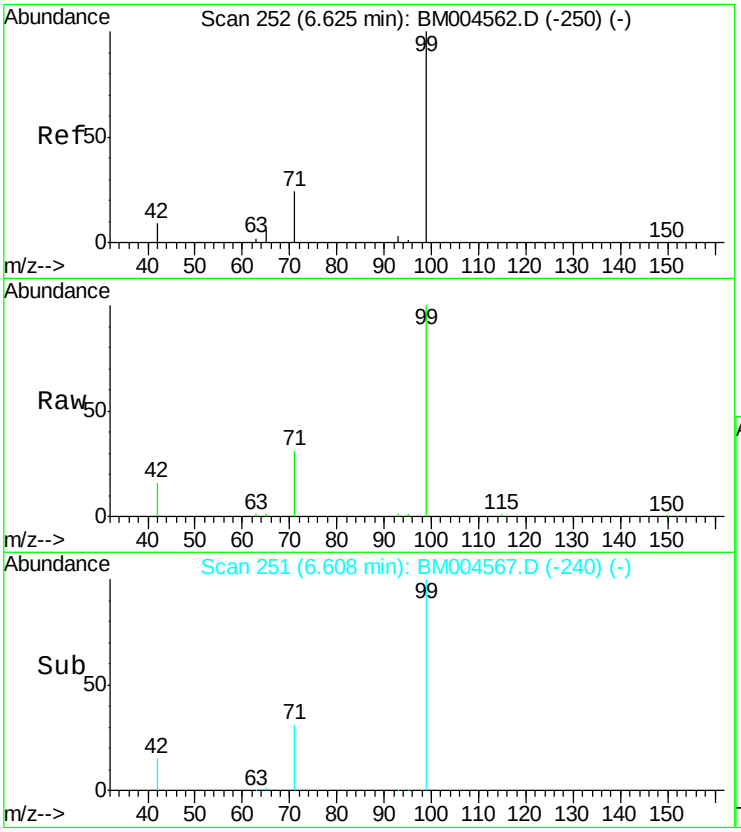


#4
2-Fluorophenol
Concen: 6.92 ng
RT: 4.99 min Scan# 150
Delta R.T. -0.02 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:112 Resp: 35278

Ion	Ratio	Lower	Upper
112	100		
64	47.4	0.0	0.0#
63	23.1	0.0	0.0#



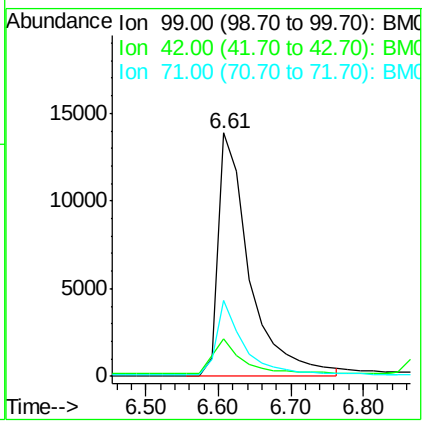


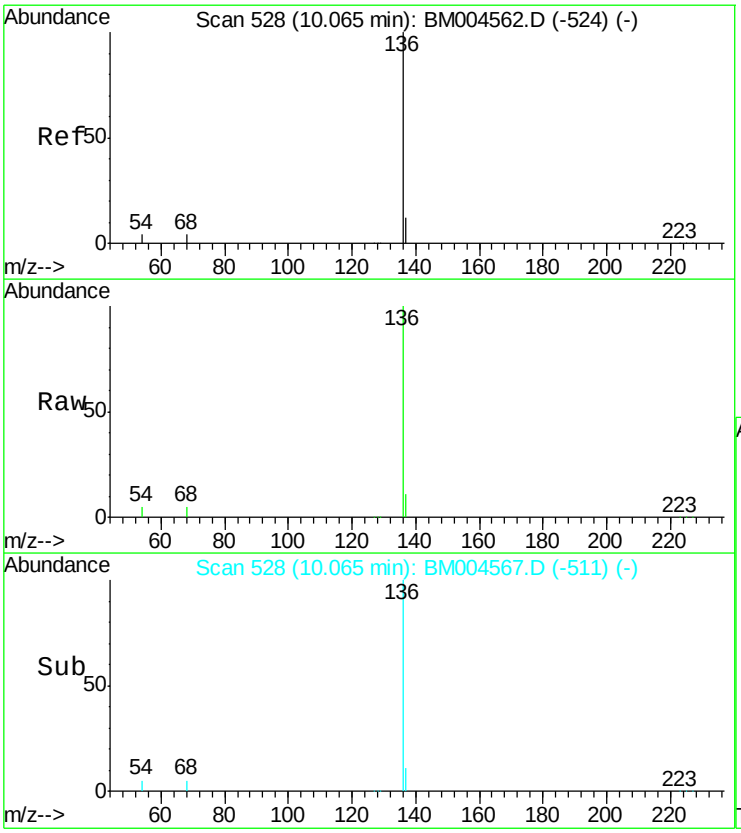
#5
Phenol-d6
Concen: 6.77 ng
RT: 6.61 min Scan# 251
Delta R.T. -0.02 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion: 99 Resp: 41387

Ion	Ratio	Lower	Upper
99	100		
42	13.7	0.0	0.0#
71	27.2	0.2	0.2#

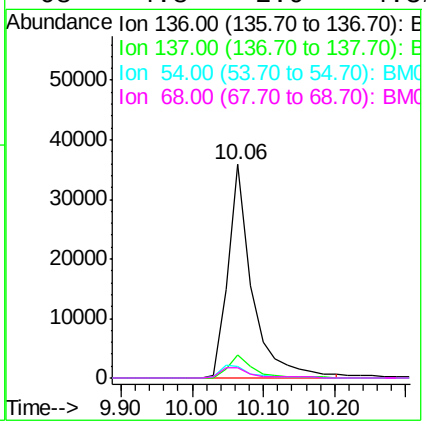


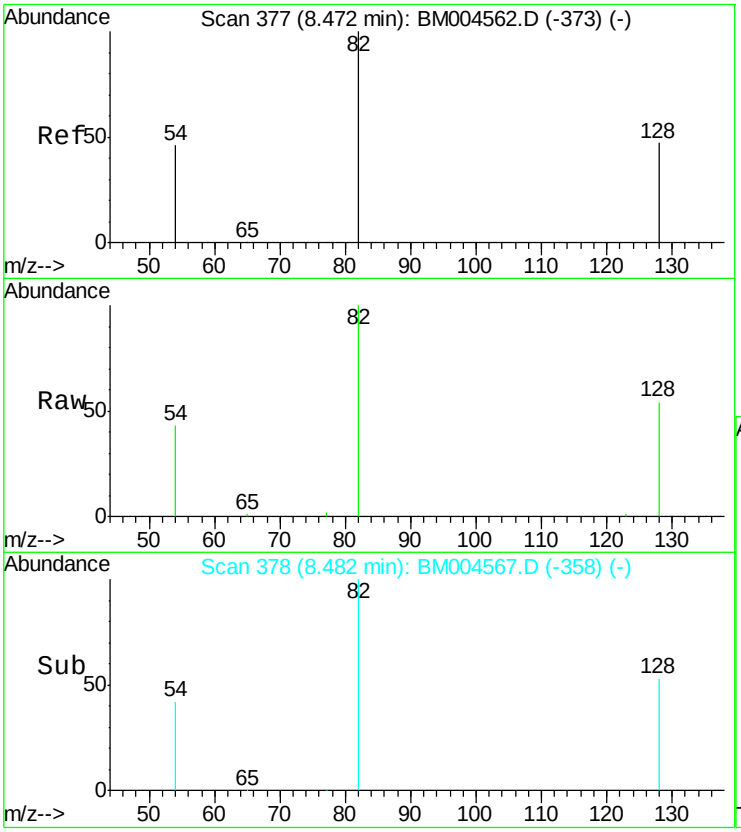


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.06 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:136 Resp: 79000

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.3	3.0	4.4#
68	4.8	2.9	4.3#



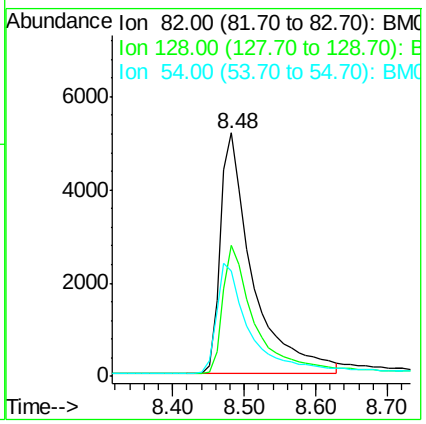


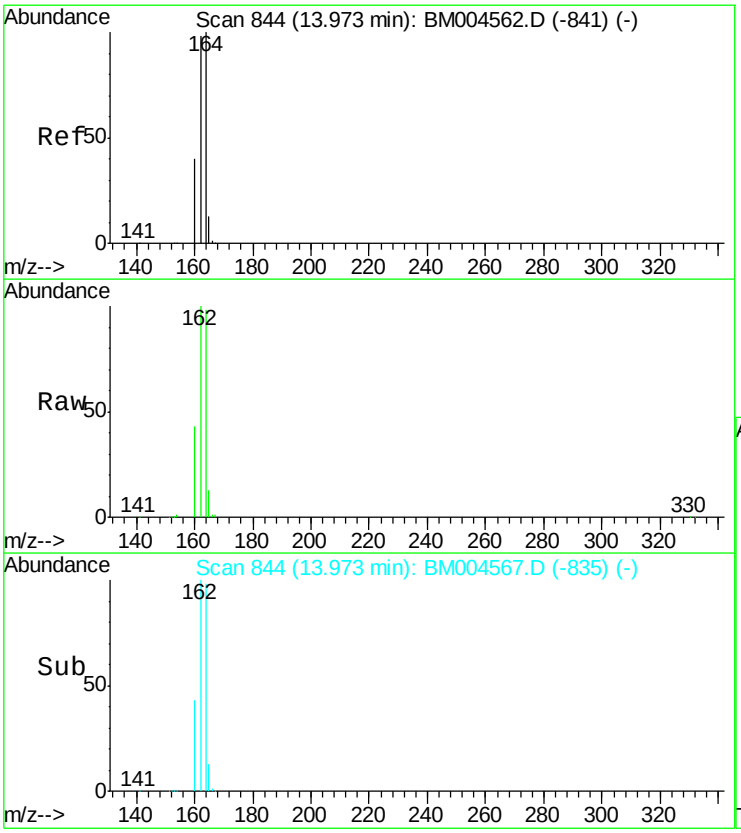
#8
Nitrobenzene-d5
Concen: 3.83 ng
RT: 8.48 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion: 82 Resp: 16159

Ion	Ratio	Lower	Upper
82	100		
128	53.8	38.6	58.0
54	43.0	38.5	57.7

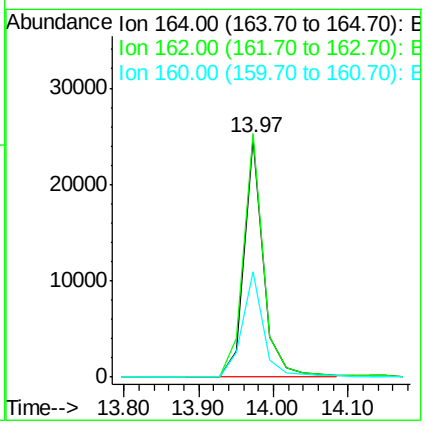


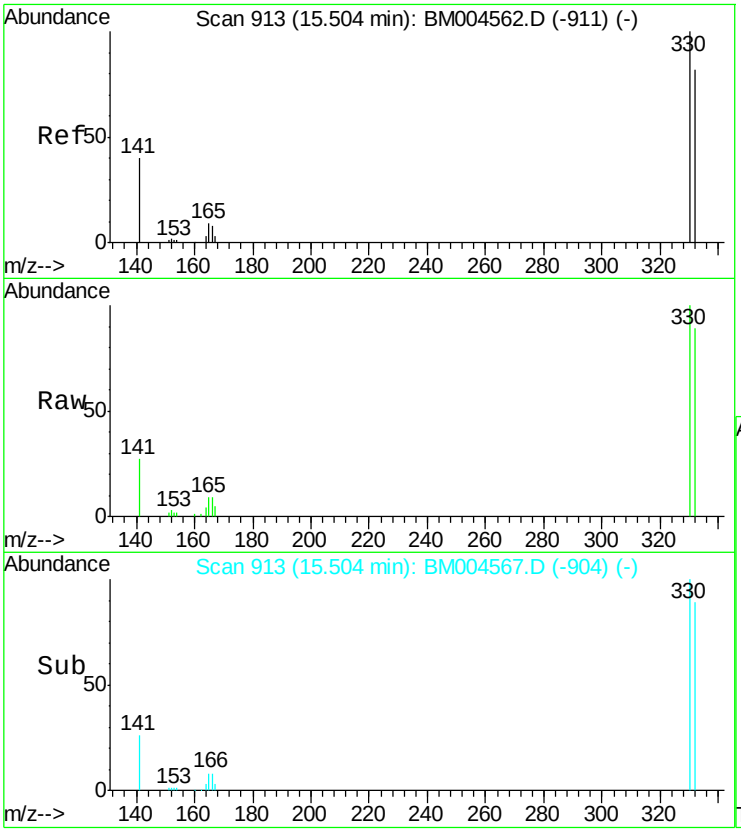


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:164 Resp: 44109

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.2	117.2
160	44.1	31.9	47.9



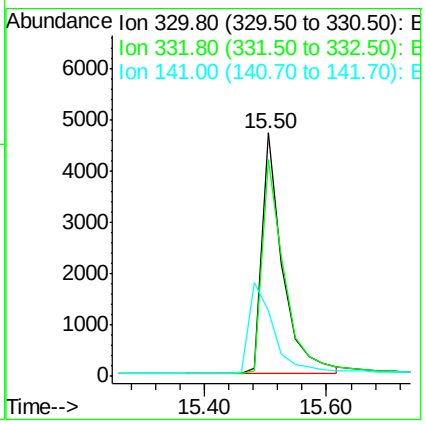


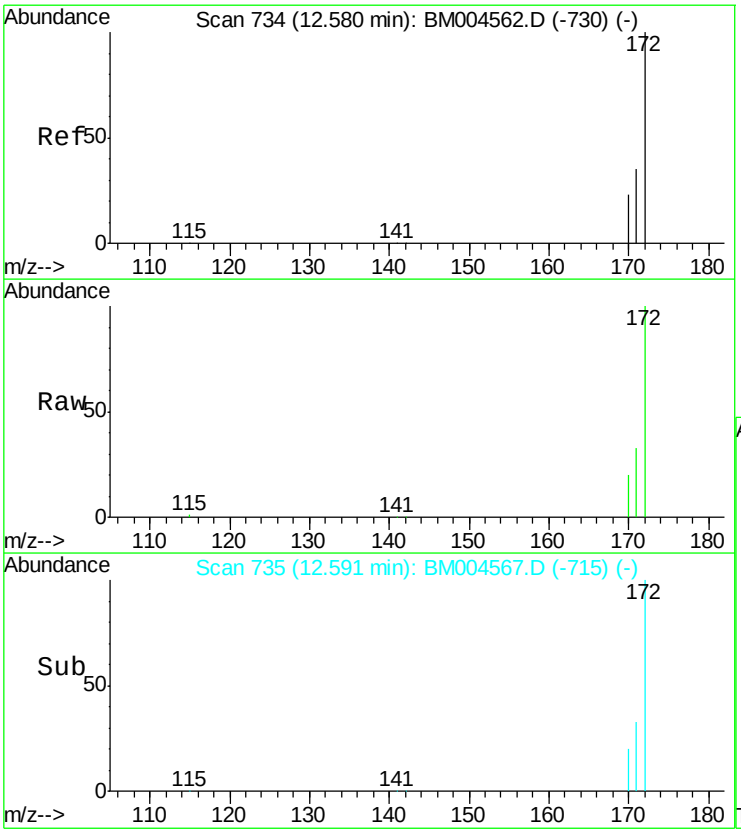
#14
2,4,6-Tribromophenol
Concen: 6.71 ng
RT: 15.50 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion:330 Resp: 11117

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	0.0	0.0	0.0

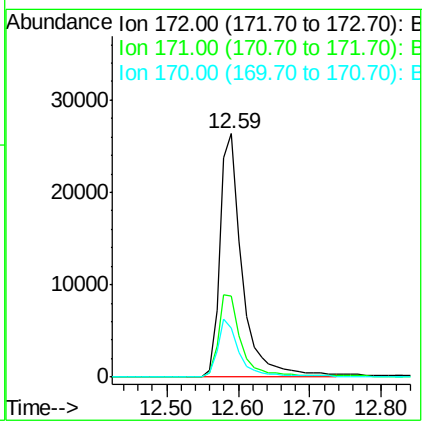


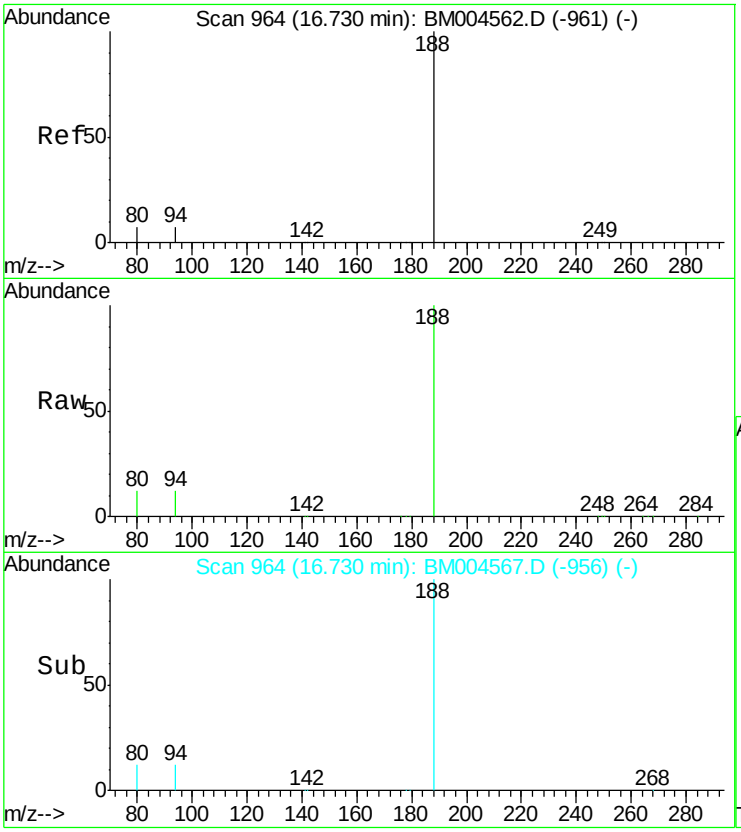


#15
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.59 min Scan# 735
Delta R.T. 0.01 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:172 Resp: 56809

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.6	42.8
170	20.3	19.1	28.7



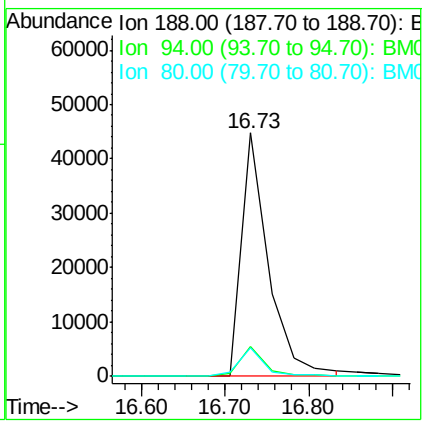


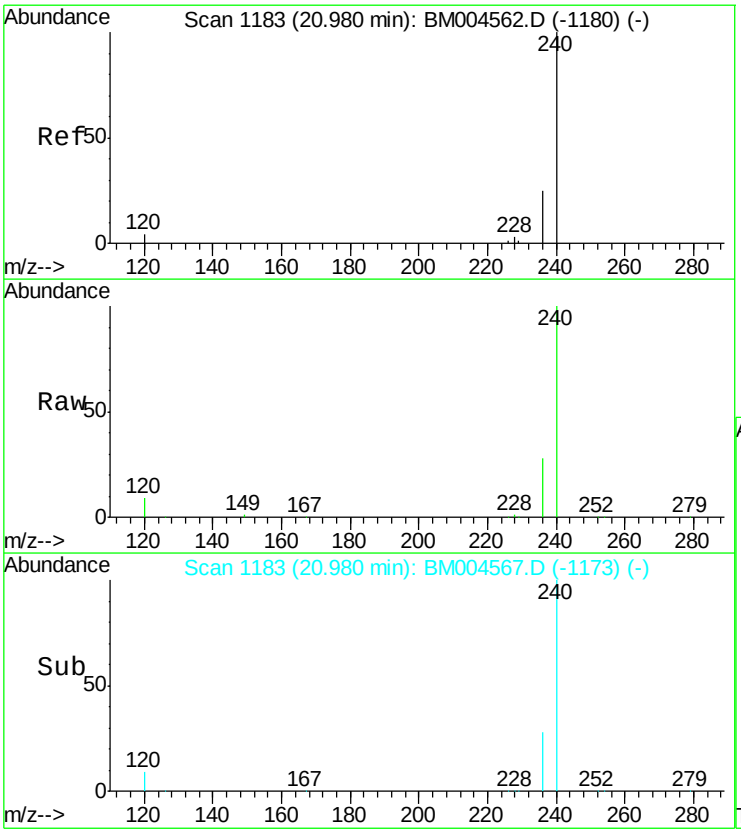
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion:188 Resp: 100800

Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.0	9.0#
80	12.0	5.3	7.9#

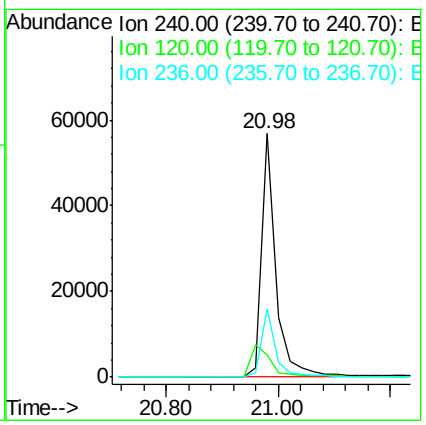


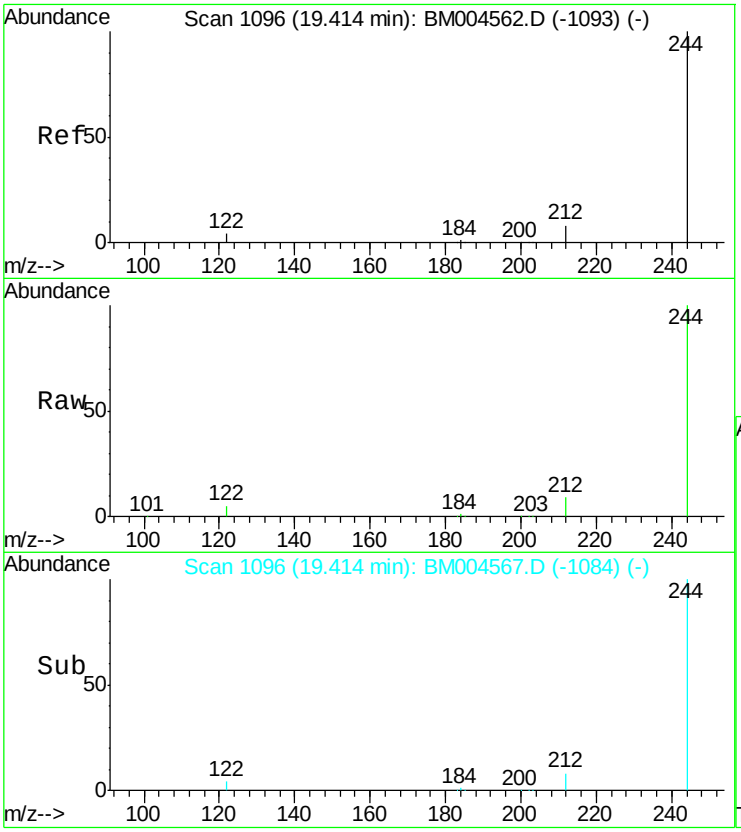


#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:240 Resp: 99541

Ion	Ratio	Lower	Upper
240	100		
120	9.3	3.5	5.3#
236	28.1	20.3	30.5



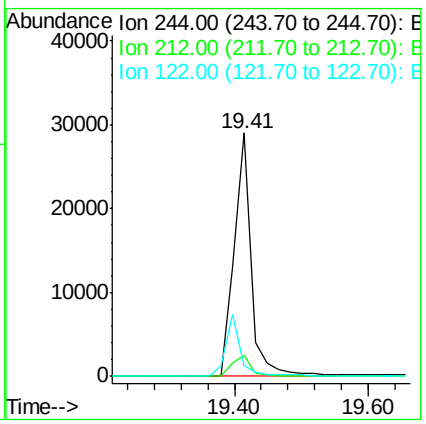


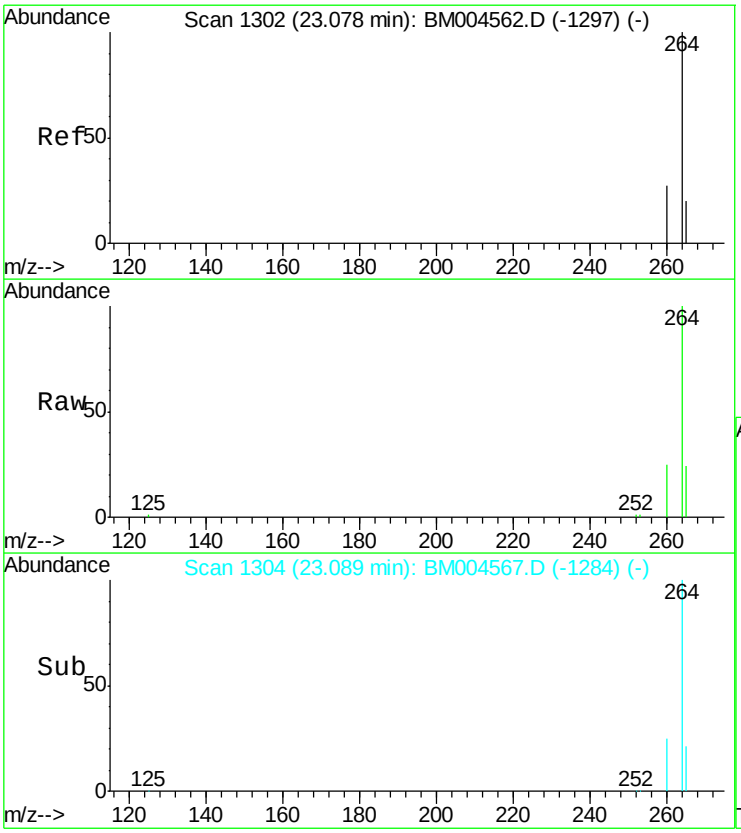
#28
Terphenyl-d14
Concen: 3.40 ng
RT: 19.41 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Instrument :
BNA_M
ClientSampleId :
PB88683BL

Tgt Ion:244 Resp: 50956

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	4.6	4.2	6.4





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.09 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:264 Resp: 89334

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.4	32.2
265	23.9	17.8	26.8