Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010916\
Data File : BM003932.D
Acq On : 10 Jan 2016 10:41
Operator : SJ/UM
Sample : PB87669BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87669BL

Quant Time: Jan 11 00:58:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	63700	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	269300	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	134953	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	360645	5.00	ng	0.00
26) Chrysene-d12	21.27	240	243091	5.00	ng	0.00
35) Perylene-d12	23.52	264	205495	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	75221	5.77	ng	0.00
5) Phenol-d6	6.85	99	104802	6.57	ng	0.00
8) Nitrobenzene-d5	8.83	82	44725	3.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	16227	4.12	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	135030	3.10	ng	0.00
29) Terphenyl-d14	19.71	244	117005	2.97	ng	-0.02

Target Compounds	Qvalue

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

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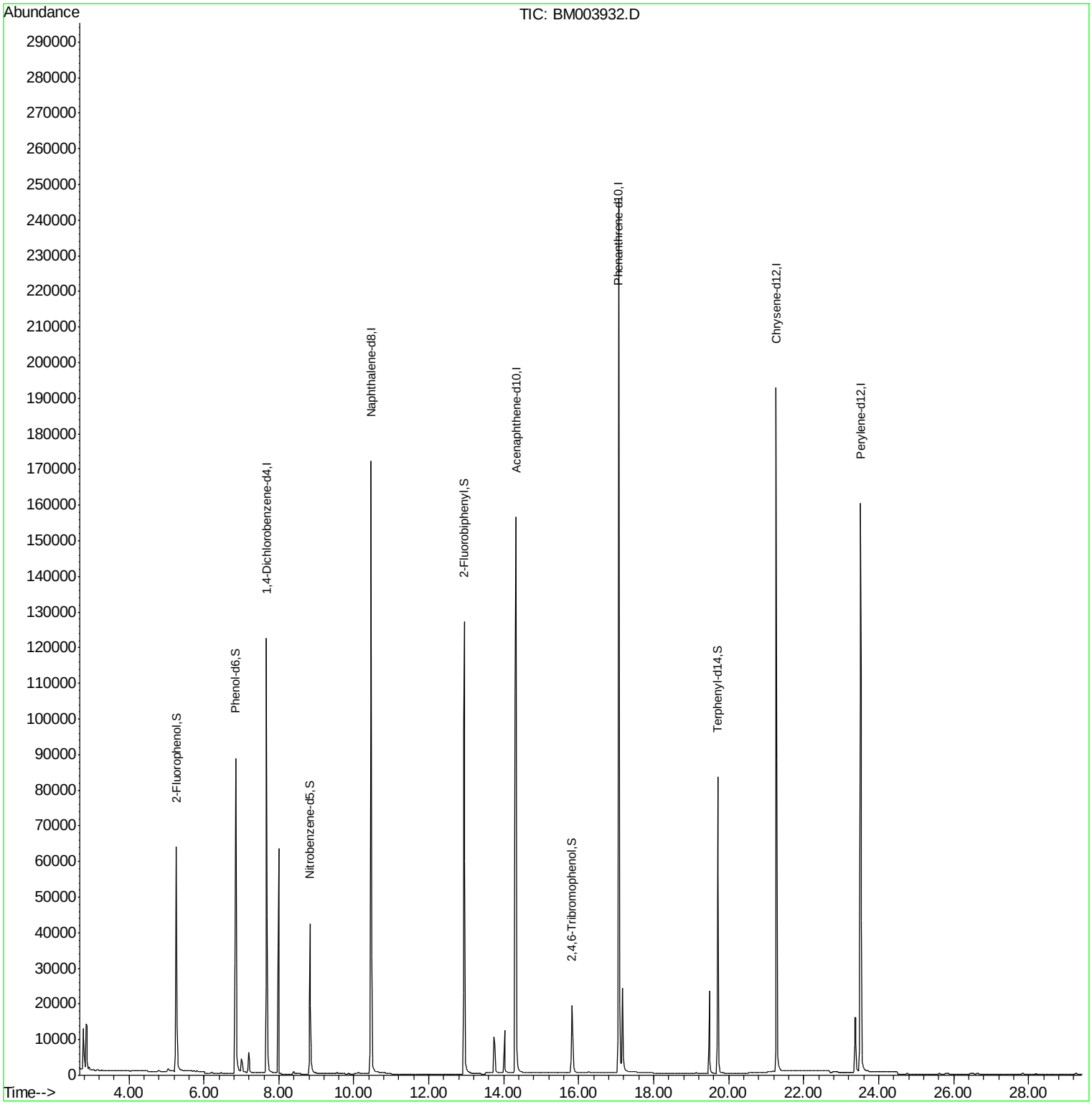
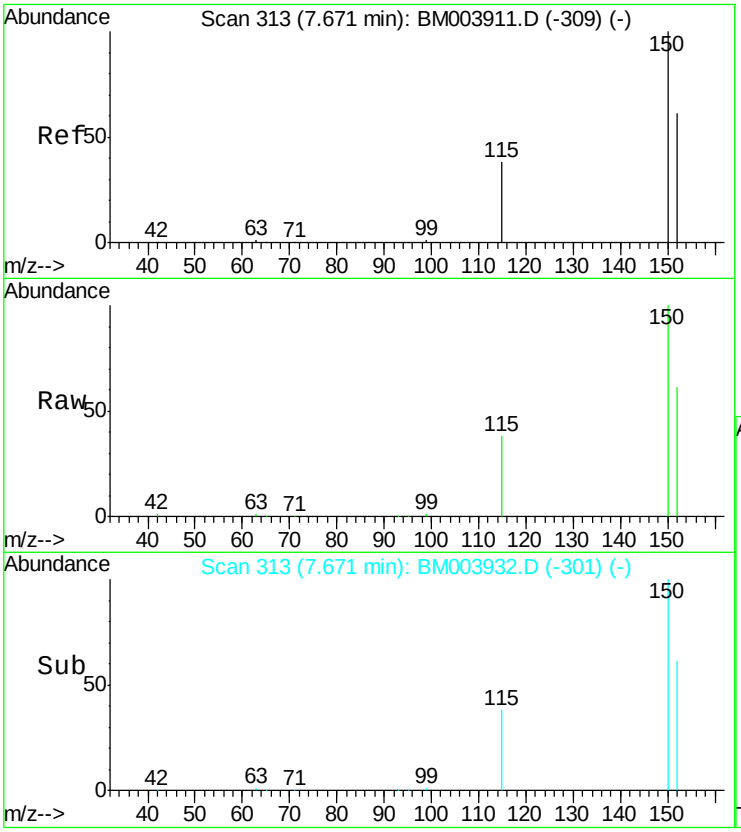


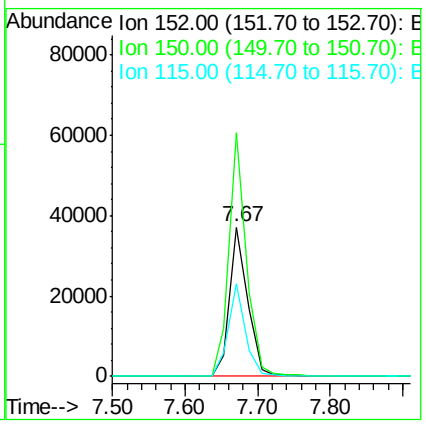


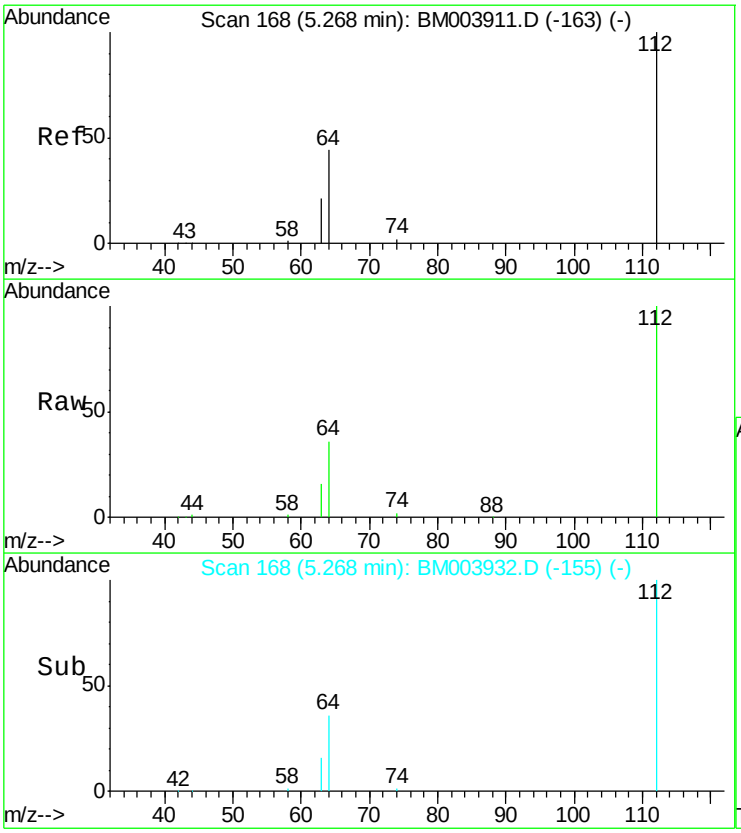
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion:152 Resp: 63700

Ion	Ratio	Lower	Upper
152	100		
150	163.0	122.9	184.3
115	61.6	44.4	66.6

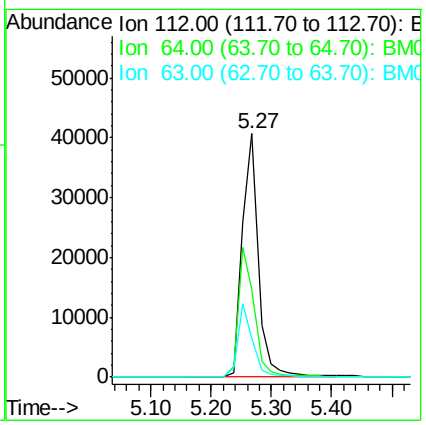


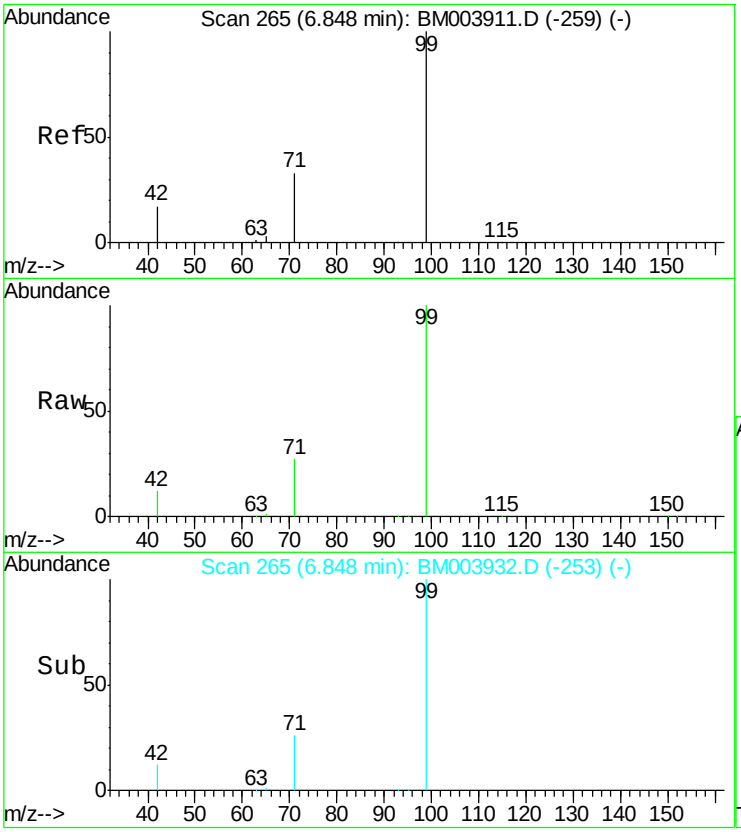


#4
2-Fluorophenol
Concen: 5.77 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:112 Resp: 75221

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.8	62.8
63	27.8	22.1	33.1



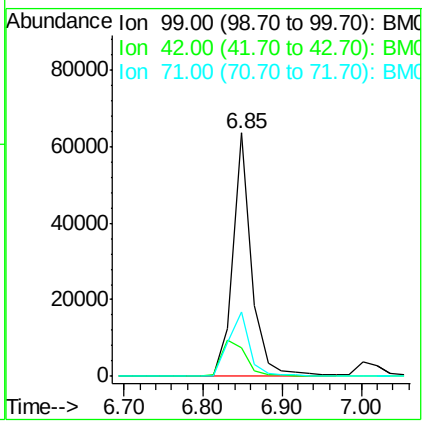


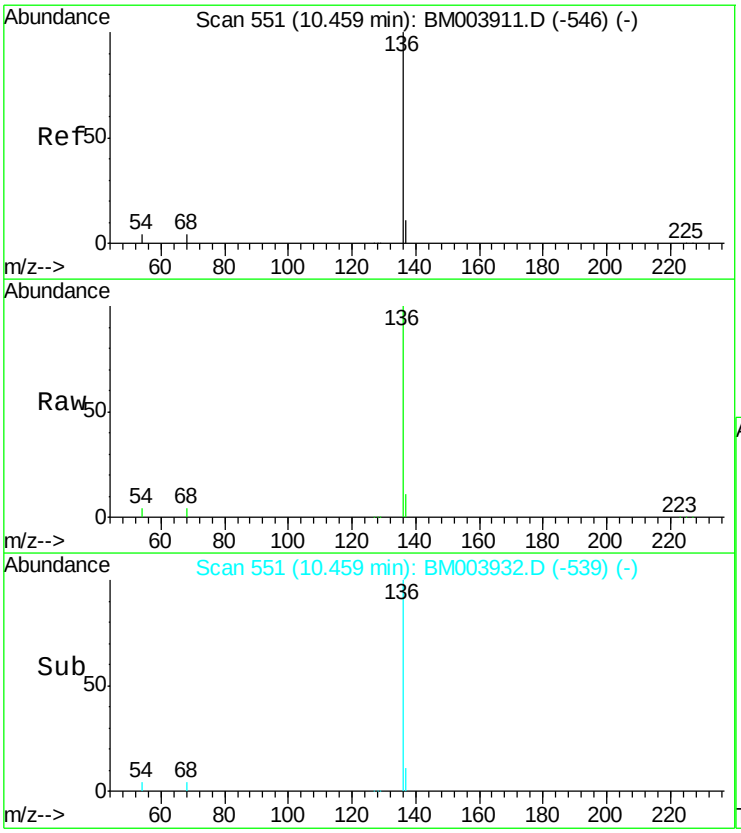
#5
Phenol-d6
Concen: 6.57 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion: 99 Resp: 104802

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	30.2	24.4	36.6

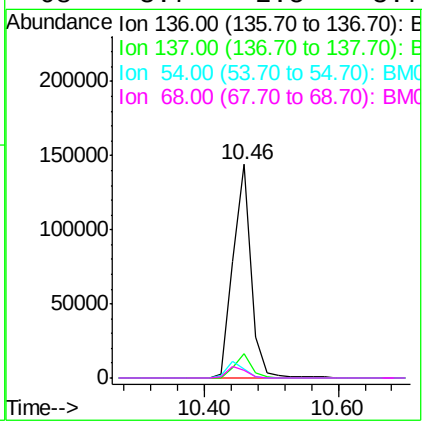


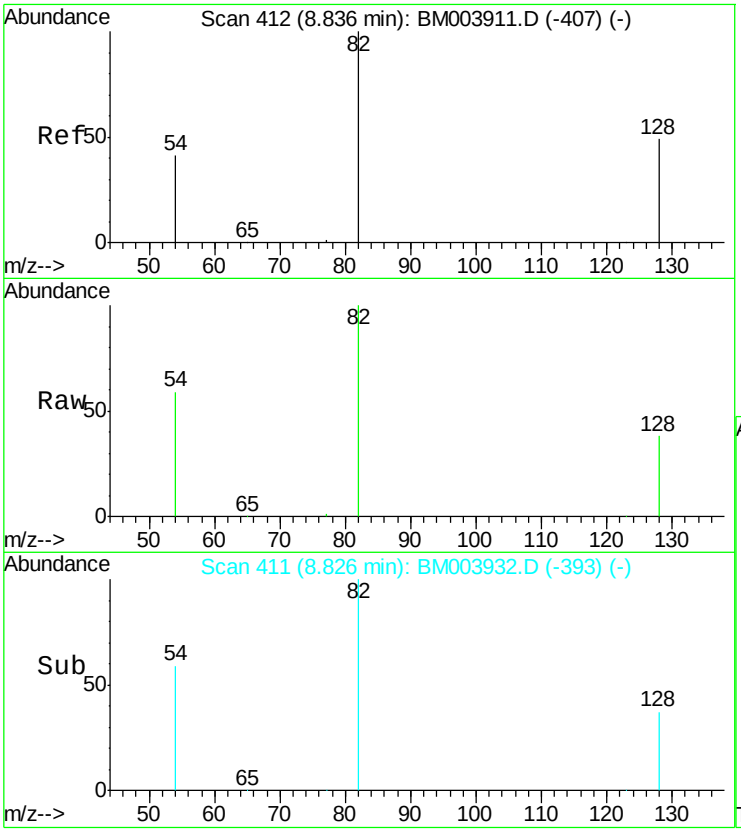


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:136 Resp: 269300

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.4	2.8	4.2#
68	3.7	2.5	3.7



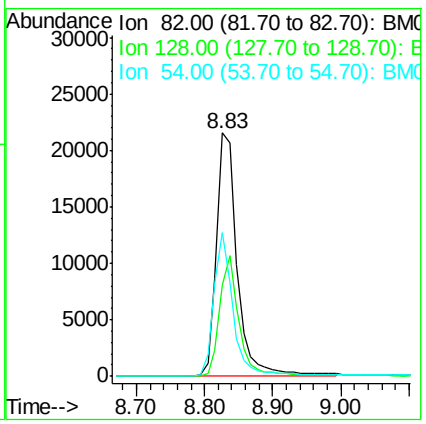


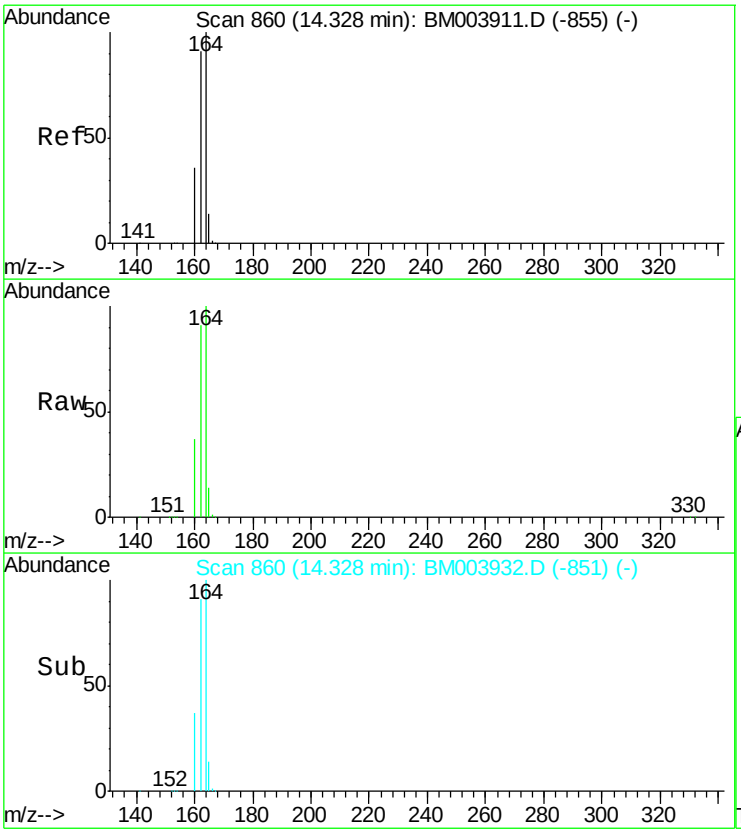
#8
Nitrobenzene-d5
Concen: 3.38 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion: 82 Resp: 44725

Ion	Ratio	Lower	Upper
82	100		
128	37.5	39.1	58.7#
54	59.1	34.8	52.2#

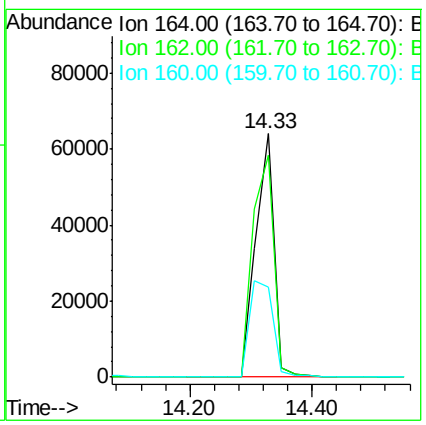


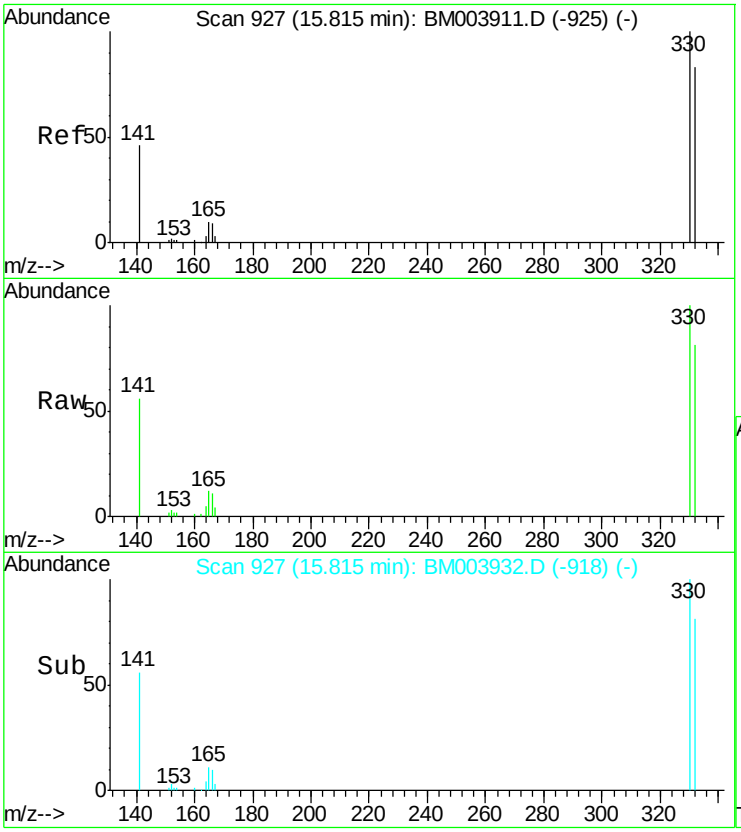


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:164 Resp: 134953

Ion	Ratio	Lower	Upper
164	100		
162	91.0	86.0	129.0
160	37.1	40.3	60.5#



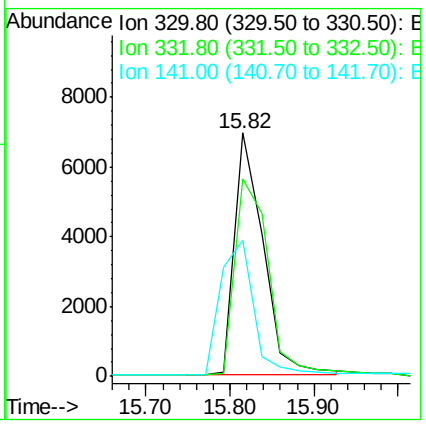


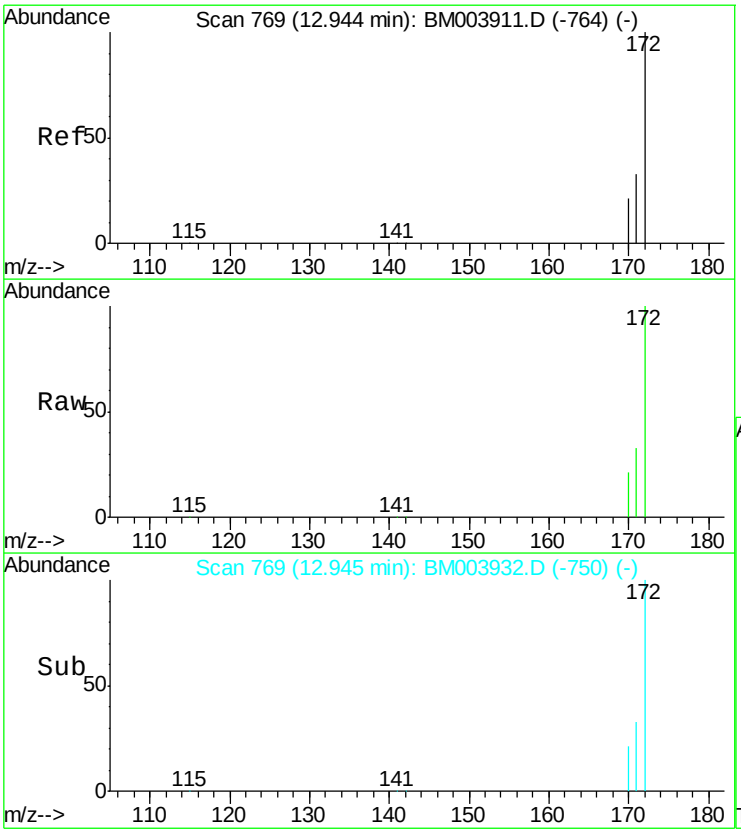
#14
2,4,6-Tribromophenol
Concen: 4.12 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion:330 Resp: 16227

Ion	Ratio	Lower	Upper
330	100		
332	94.1	79.0	118.4
141	64.6	0.0	0.0#

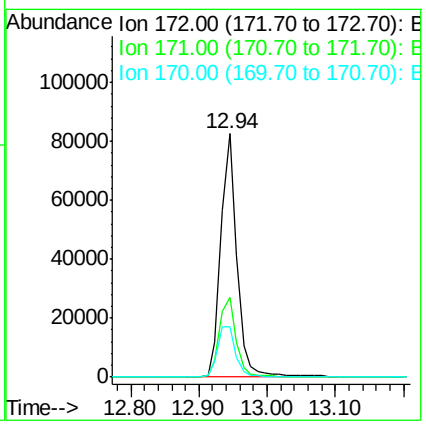


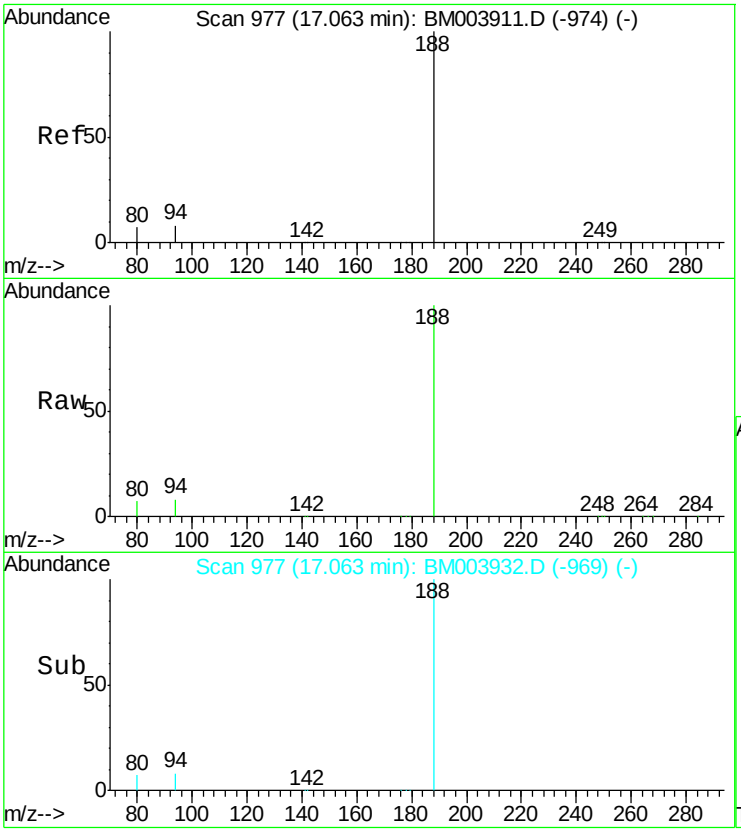


#15
2-Fluorobiphenyl
Concen: 3.10 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:172 Resp: 135030

Ion	Ratio	Lower	Upper
172	100		
171	32.7	27.0	40.6
170	20.8	17.9	26.9



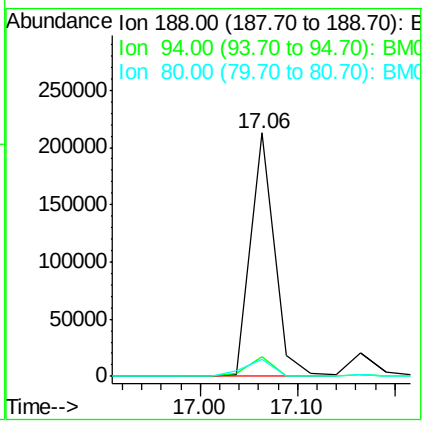


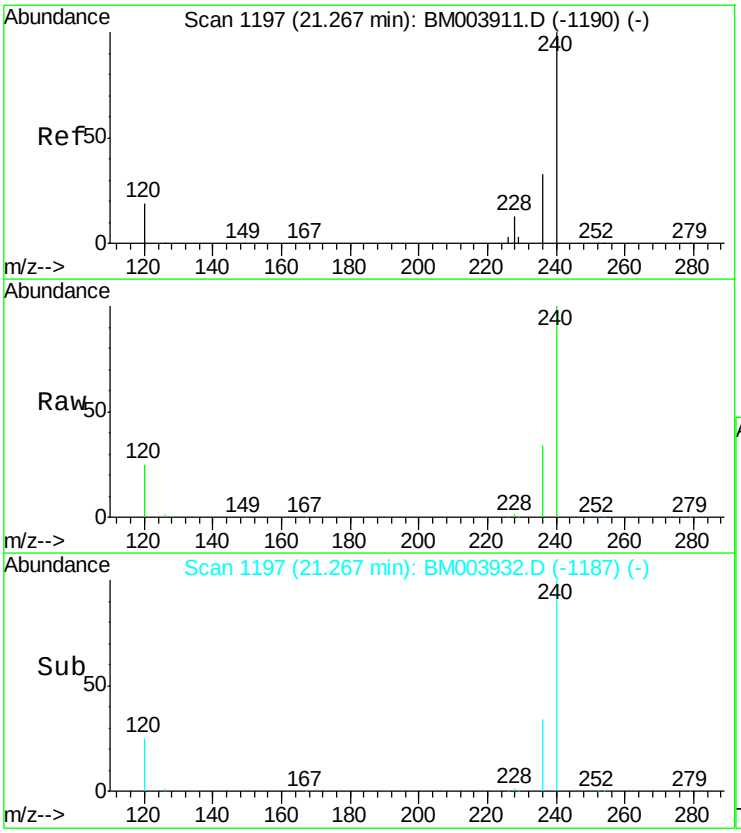
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion:188 Resp: 360645

Ion	Ratio	Lower	Upper
188	100		
94	7.8	20.3	30.5#
80	7.2	22.2	33.4#

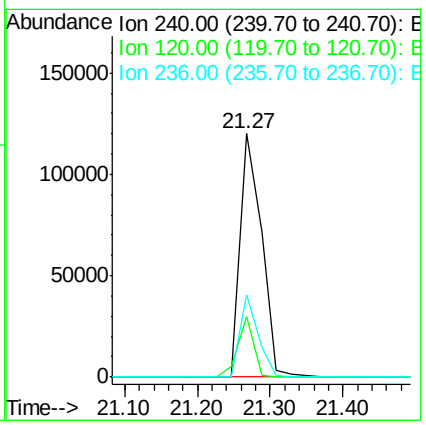


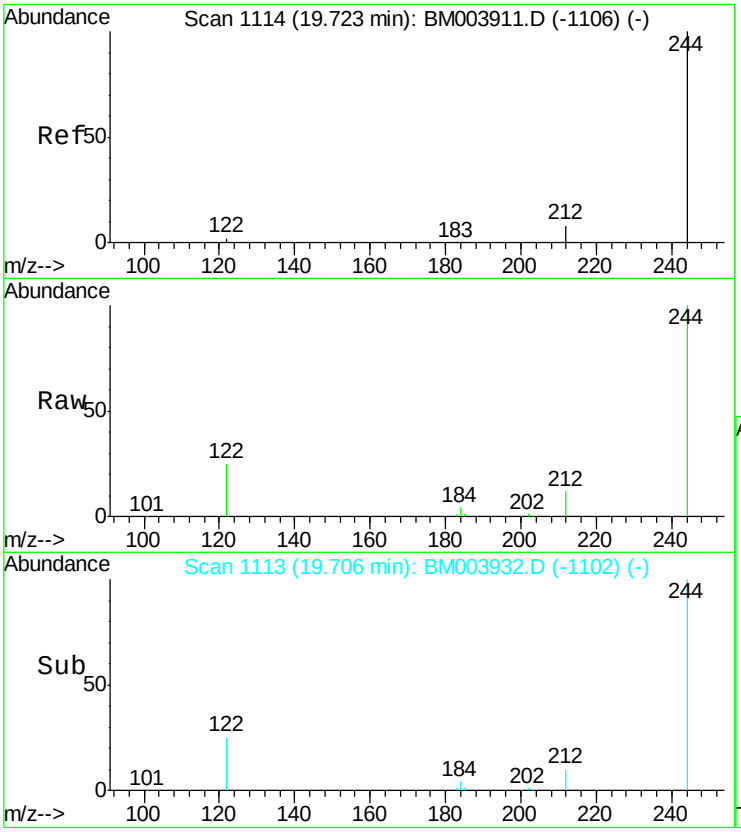


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:240 Resp: 243091

Ion	Ratio	Lower	Upper
240	100		
120	24.7	0.9	1.3#
236	34.0	17.3	25.9#



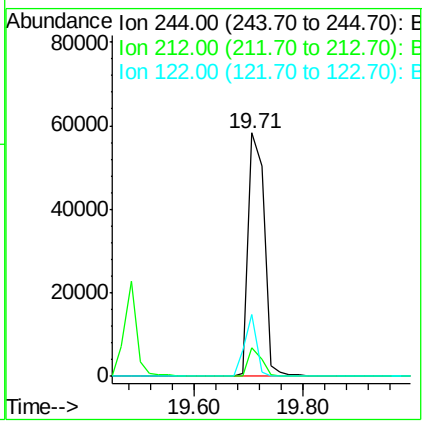


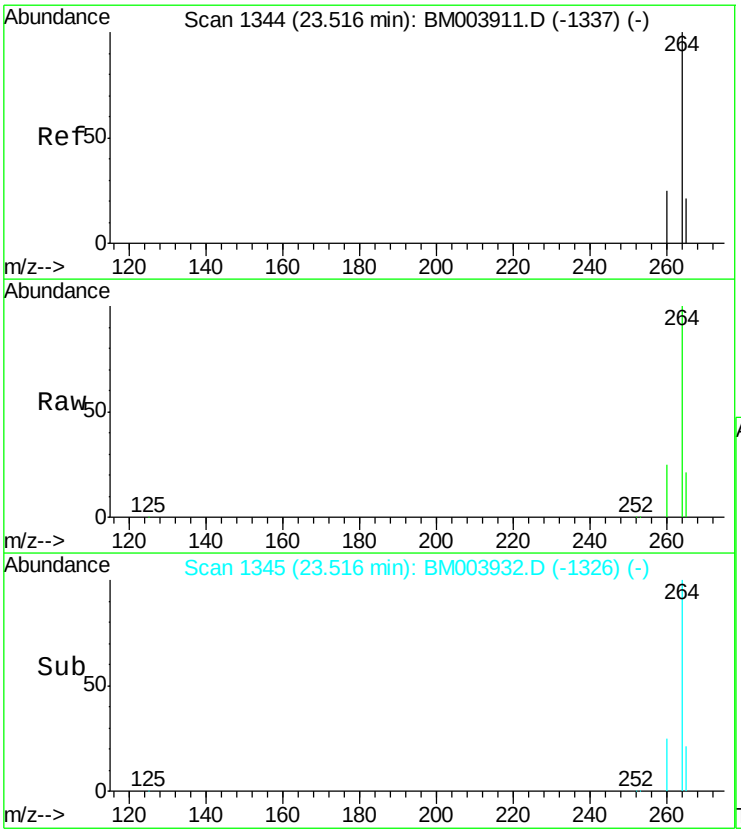
#29
Terphenyl-d14
Concen: 2.97 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :
PB87669BL

Tgt Ion:244 Resp: 117005

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.0	10.6#
122	25.2	3.0	4.6#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:264 Resp: 205495

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.2	31.8
265	21.0	16.7	25.1