Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015263.D
Acq On : 23 May 2018 05:11
Operator : SJ/JU
Sample : PB108302BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB108302BL

Quant Time: May 23 14:37:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	287923	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	1183459	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	639108	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1338548	20.00	ng	0.00
75) Chrysene-d12	21.83	240	1068149	20.00	ng	0.00
86) Perylene-d12	24.27	264	942359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	2423998	137.74	ng	0.00
7) Phenol-d6	7.55	99	3124328	136.34	ng	0.00
23) Nitrobenzene-d5	9.59	82	1957297	90.60	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	1116054	139.26	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	4525831	88.03	ng	0.00
78) Terphenyl-d14	20.29	244	5450054	112.67	ng	0.00
Target Compounds						Qvalue

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

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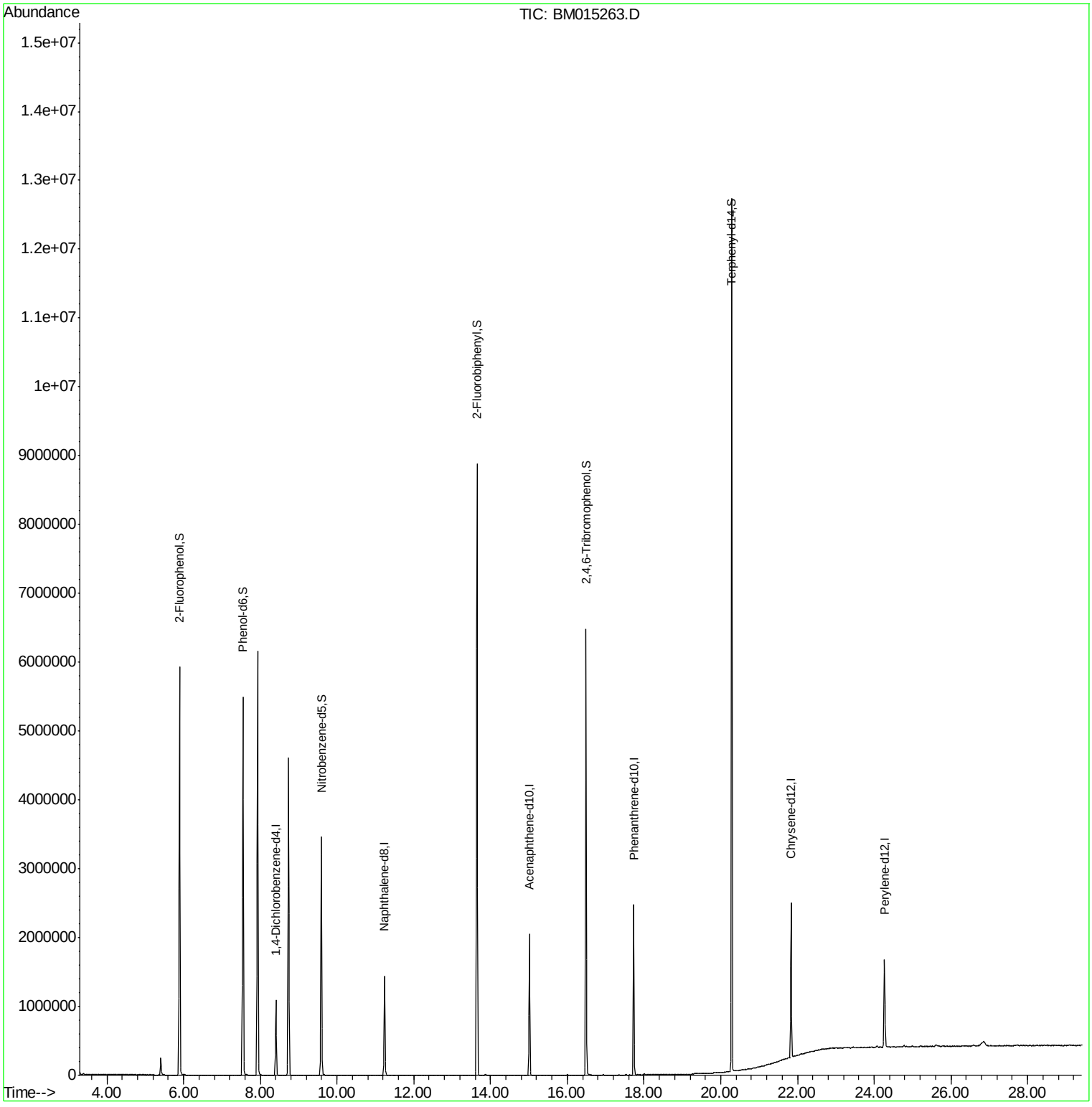
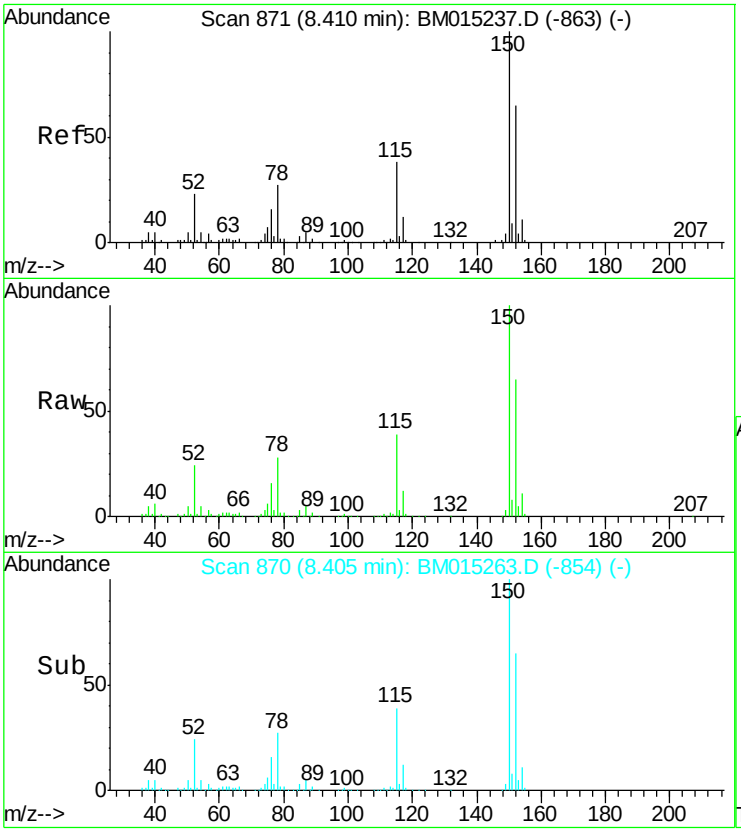


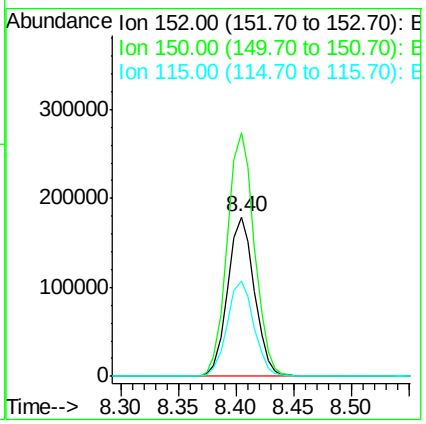


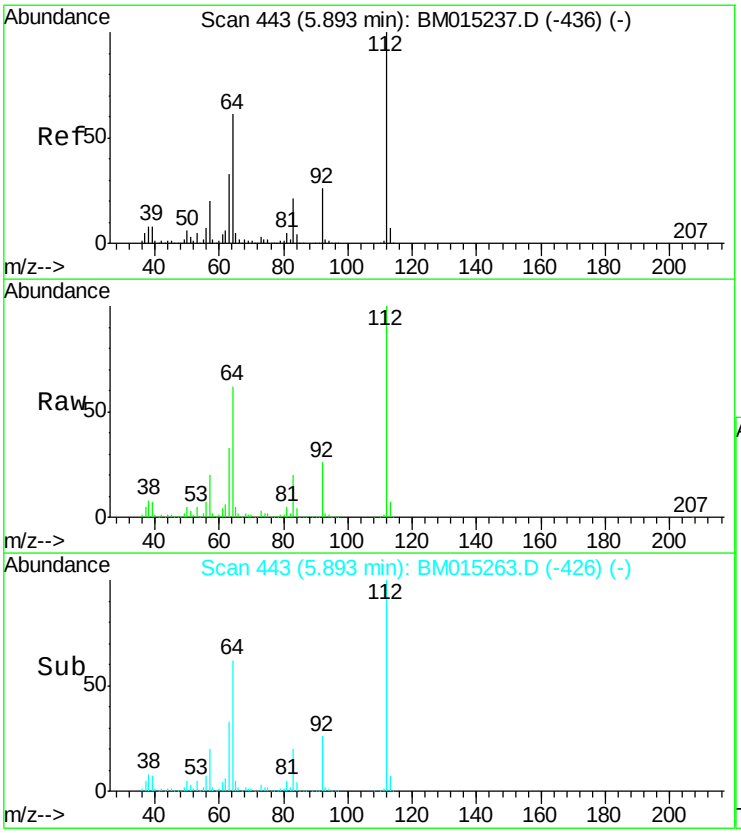
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion:152 Resp: 287923

Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	60.0	43.0	64.4

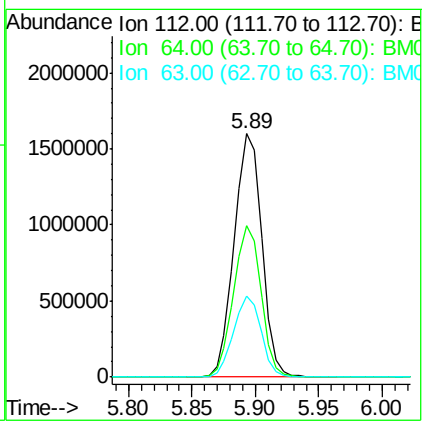


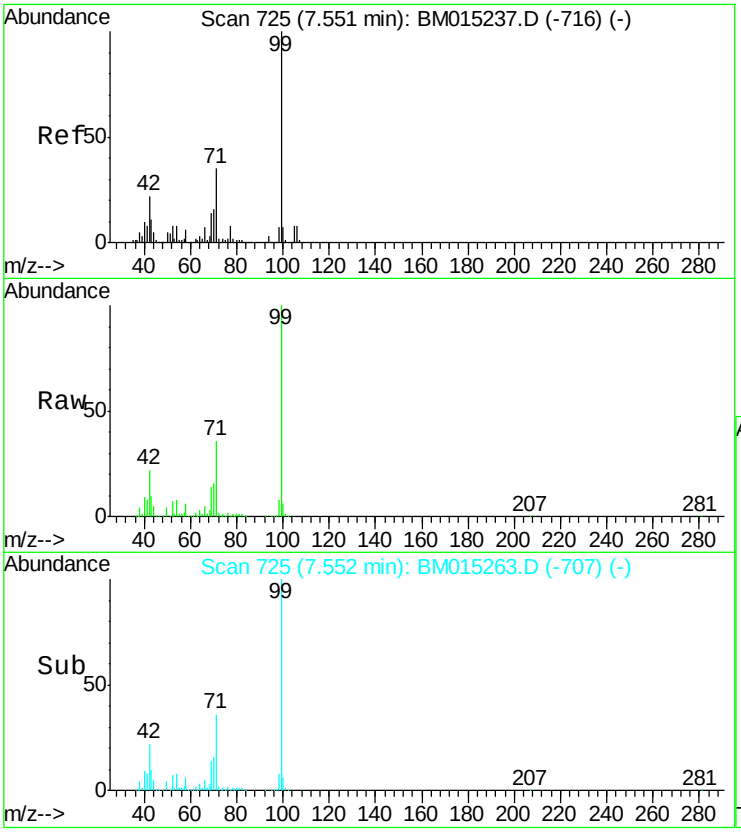


#5
2-Fluorophenol
Concen: 137.740 ng
RT: 5.89 min Scan# 443
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:112 Resp: 2423998

Ion	Ratio	Lower	Upper
112	100		
64	62.4	38.6	57.8#
63	33.1	19.3	28.9#



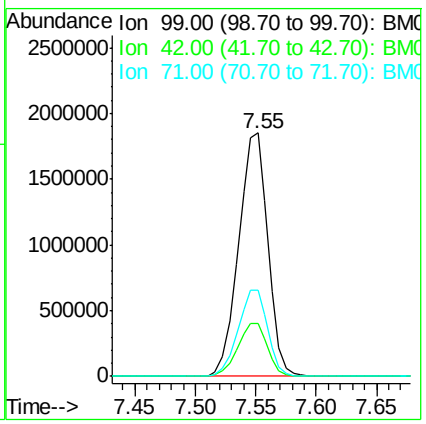


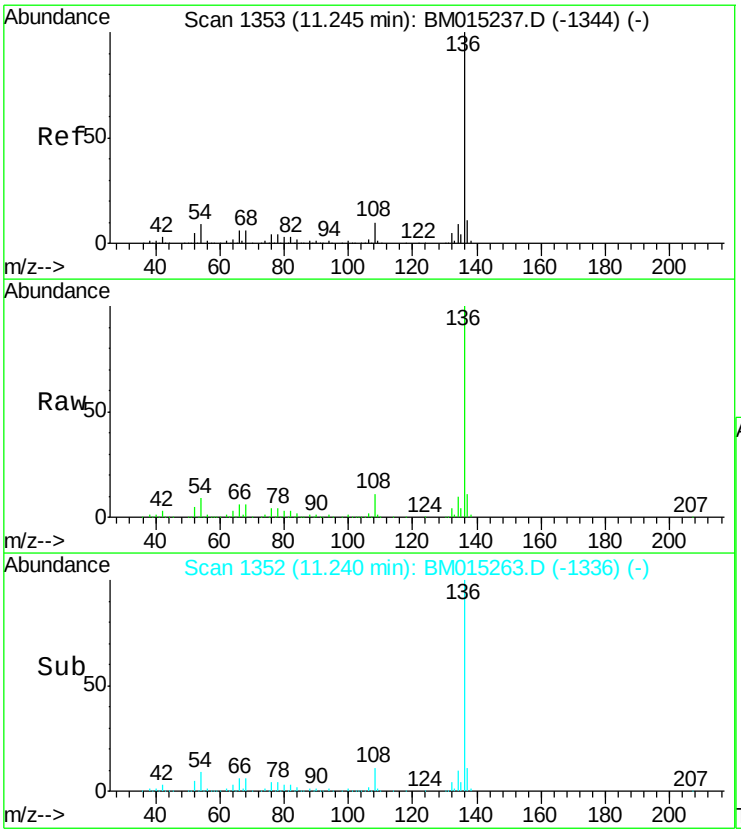
#7
Phenol-d6
Concen: 136.335 ng
RT: 7.55 min Scan# 725
Delta R.T. 0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion: 99 Resp: 3124328

Ion	Ratio	Lower	Upper
99	100		
42	21.7	11.0	16.4#
71	35.6	23.4	35.2#

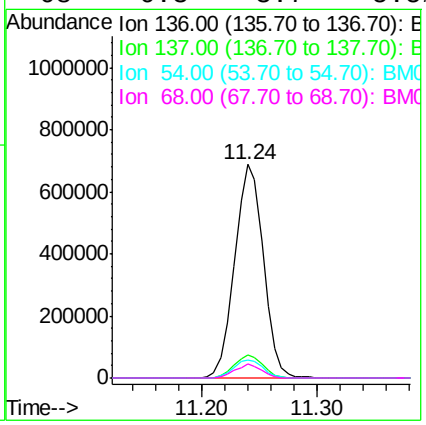


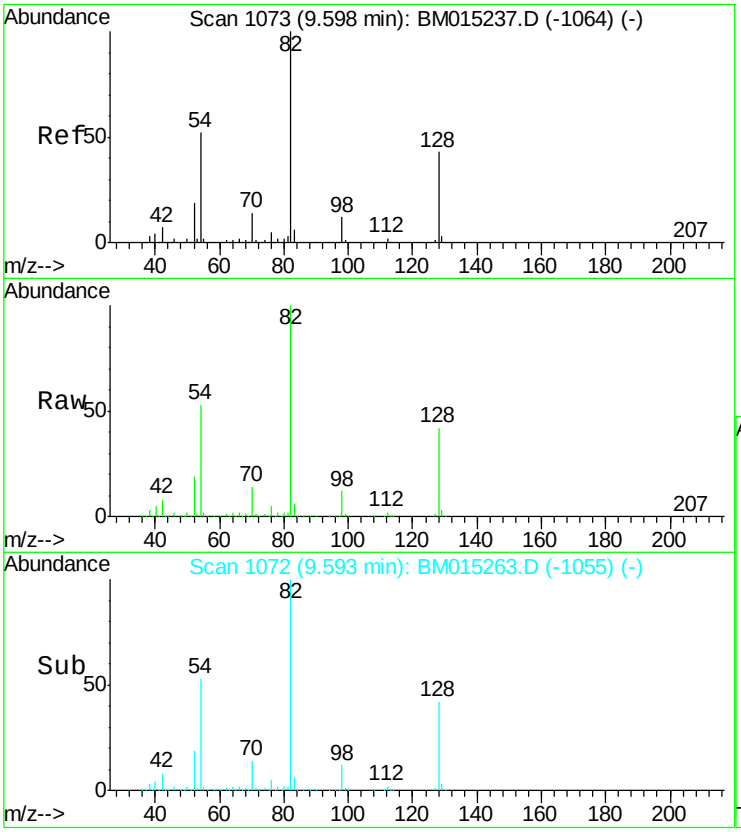


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:136 Resp: 1183459

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.7	4.6	6.8#
68	6.3	3.7	5.5#



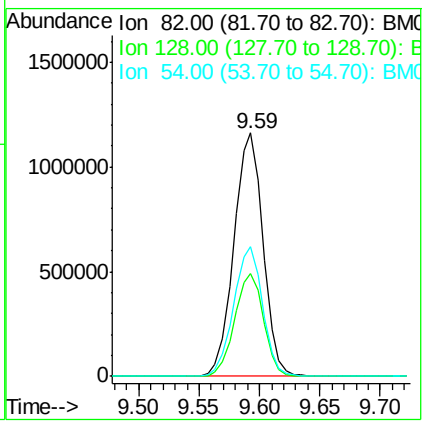


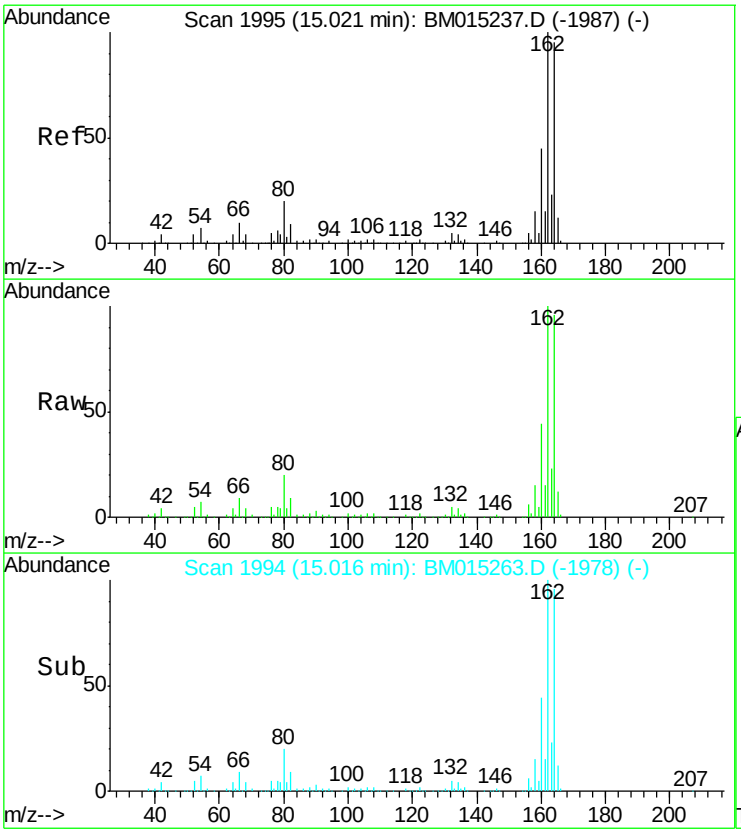
#23
Nitrobenzene-d5
Concen: 90.600 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion: 82 Resp: 1957297

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	53.0	40.6	60.8

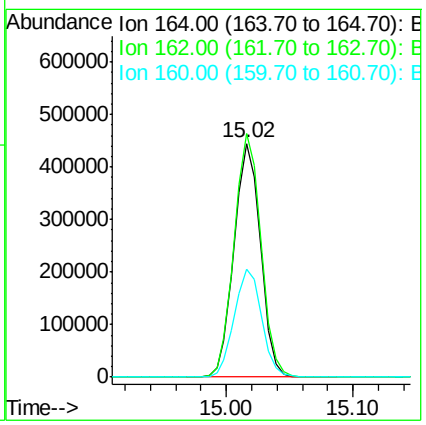


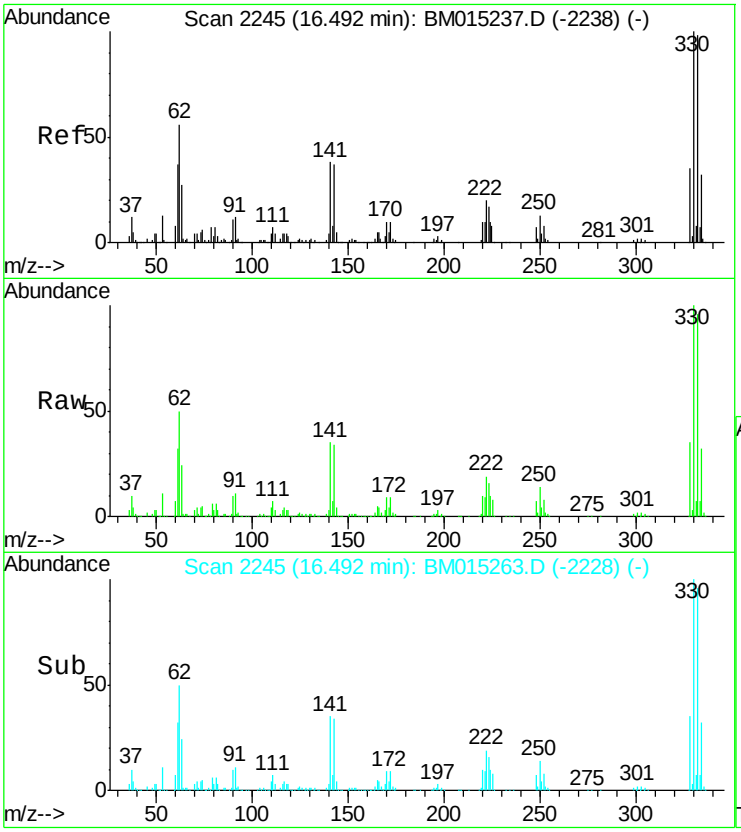


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:164 Resp: 639108

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	46.0	35.8	53.6



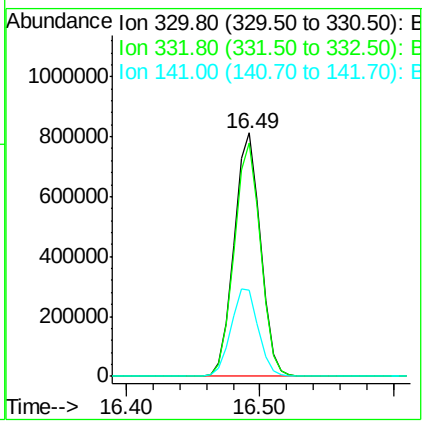


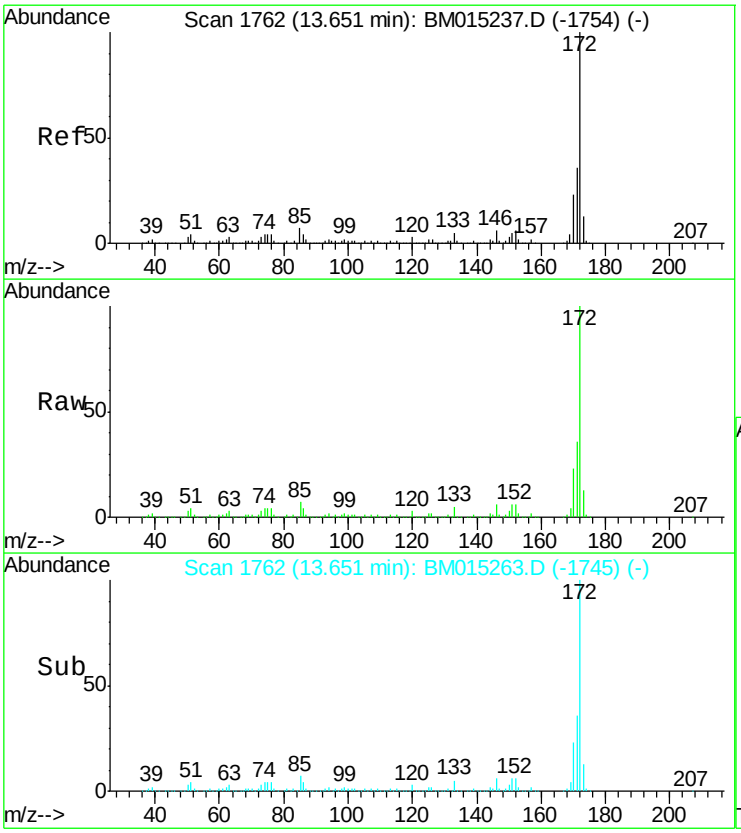
#41
2,4,6-Tribromophenol
Concen: 139.259 ng
RT: 16.49 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion:330 Resp: 1116054

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	37.4	0.0	0.0#

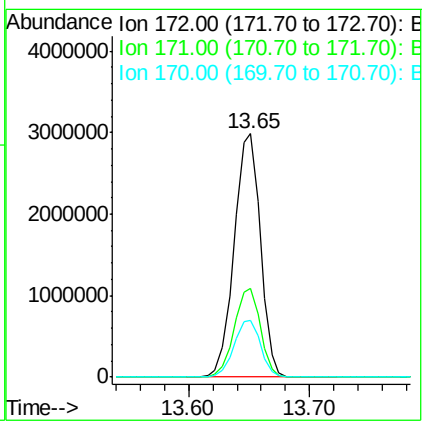


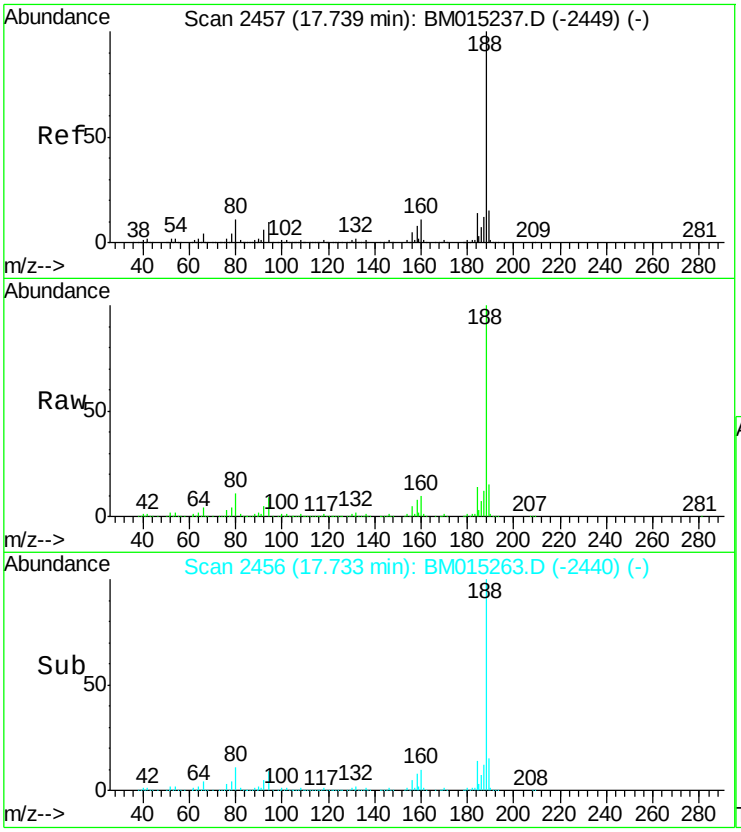


#44
2-Fluorobiphenyl
Concen: 88.032 ng
RT: 13.65 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:172 Resp: 4525831

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.5	18.8	28.2



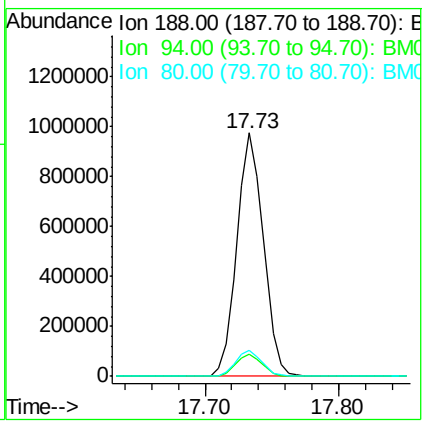


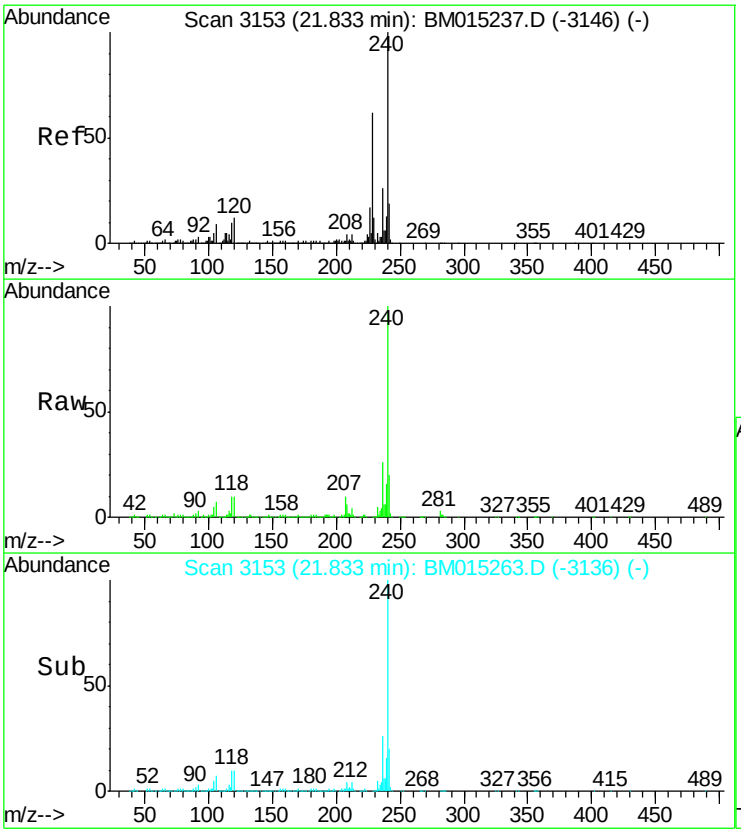
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion:188 Resp: 1338548

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	10.6	9.3	13.9

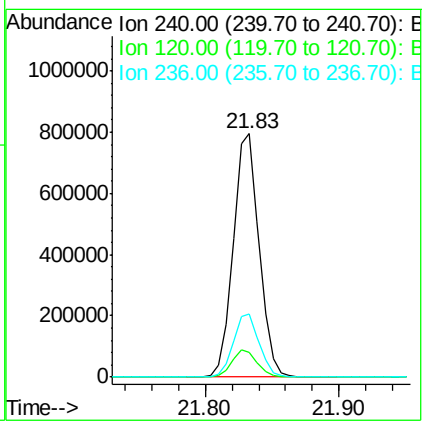


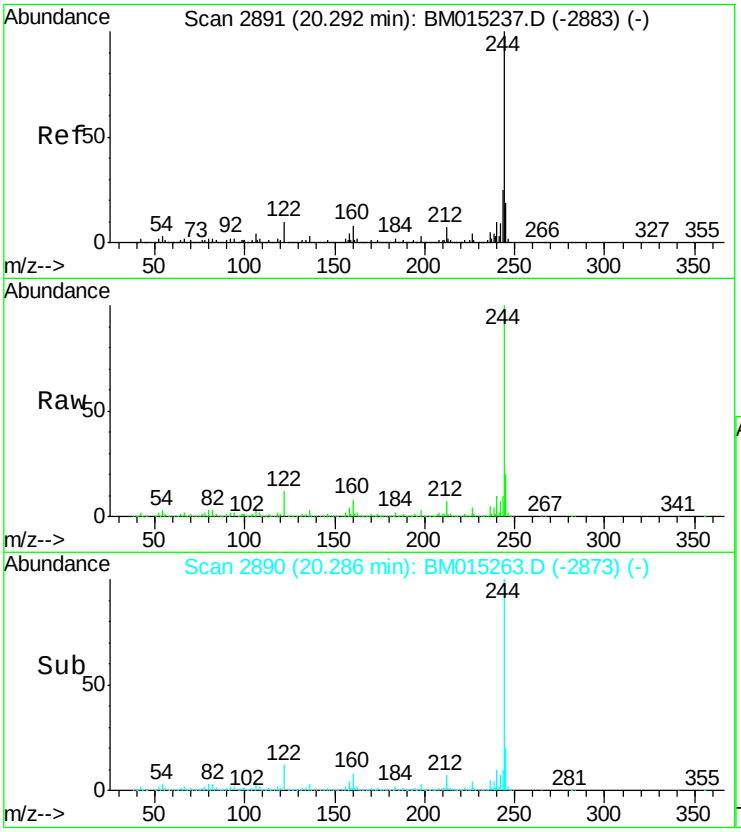


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:240 Resp: 1068149

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	25.9	20.0	30.0



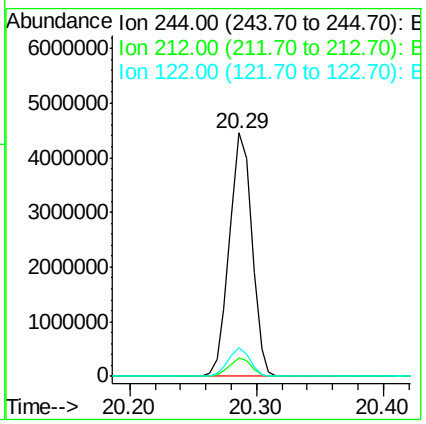


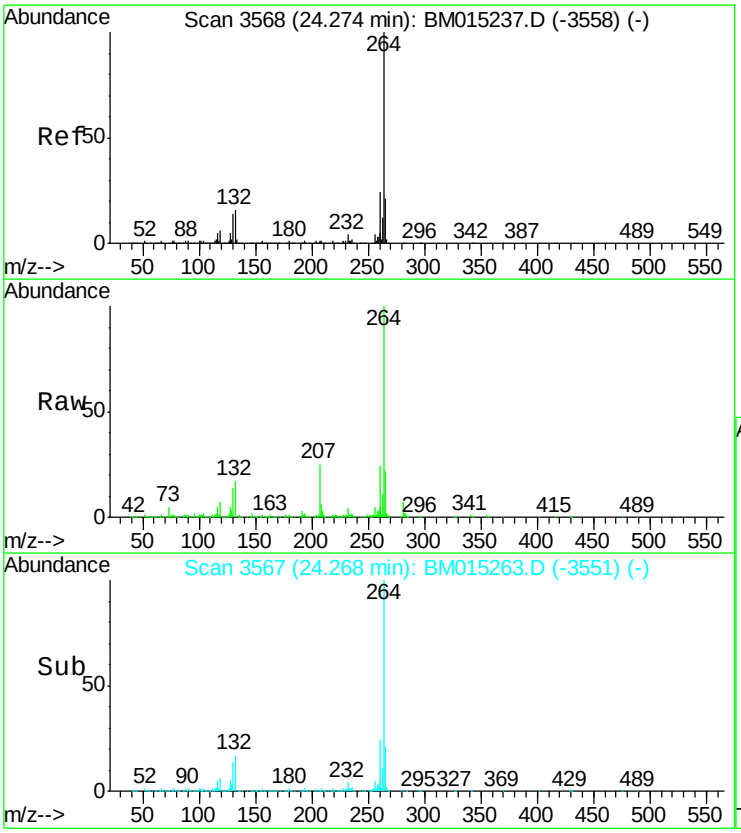
#78
Terphenyl-d14
Concen: 112.671 ng
RT: 20.29 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Instrument :
BNA_M
ClientSampleId :
PB108302BL

Tgt Ion:244 Resp: 5450054

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	11.7	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015263.D
Acq: 23 May 2018 05:11

Tgt Ion:264 Resp: 942359

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.1	17.3	25.9