Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011003.D
Acq On : 27 Jul 2017 10:37
Operator : SJ/JU
Sample : I4424-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-06-072417-B

Quant Time: Jul 28 02:39:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	174410	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	639787	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	175079	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	825219	20.00	ng	0.00
75) Chrysene-d12	21.02	240	302253	20.00	ng	0.00
86) Perylene-d12	23.12	264	1266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1544570	149.70	ng	0.00
7) Phenol-d6	6.59	99	1217149	83.03	ng	0.00
23) Nitrobenzene-d5	8.54	82	1803927	105.82	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1006215	358.58	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3294817	236.02	ng	0.00
78) Terphenyl-d14	19.47	244	4261031	279.25	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.20	128	75588	2.349	ng	98

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

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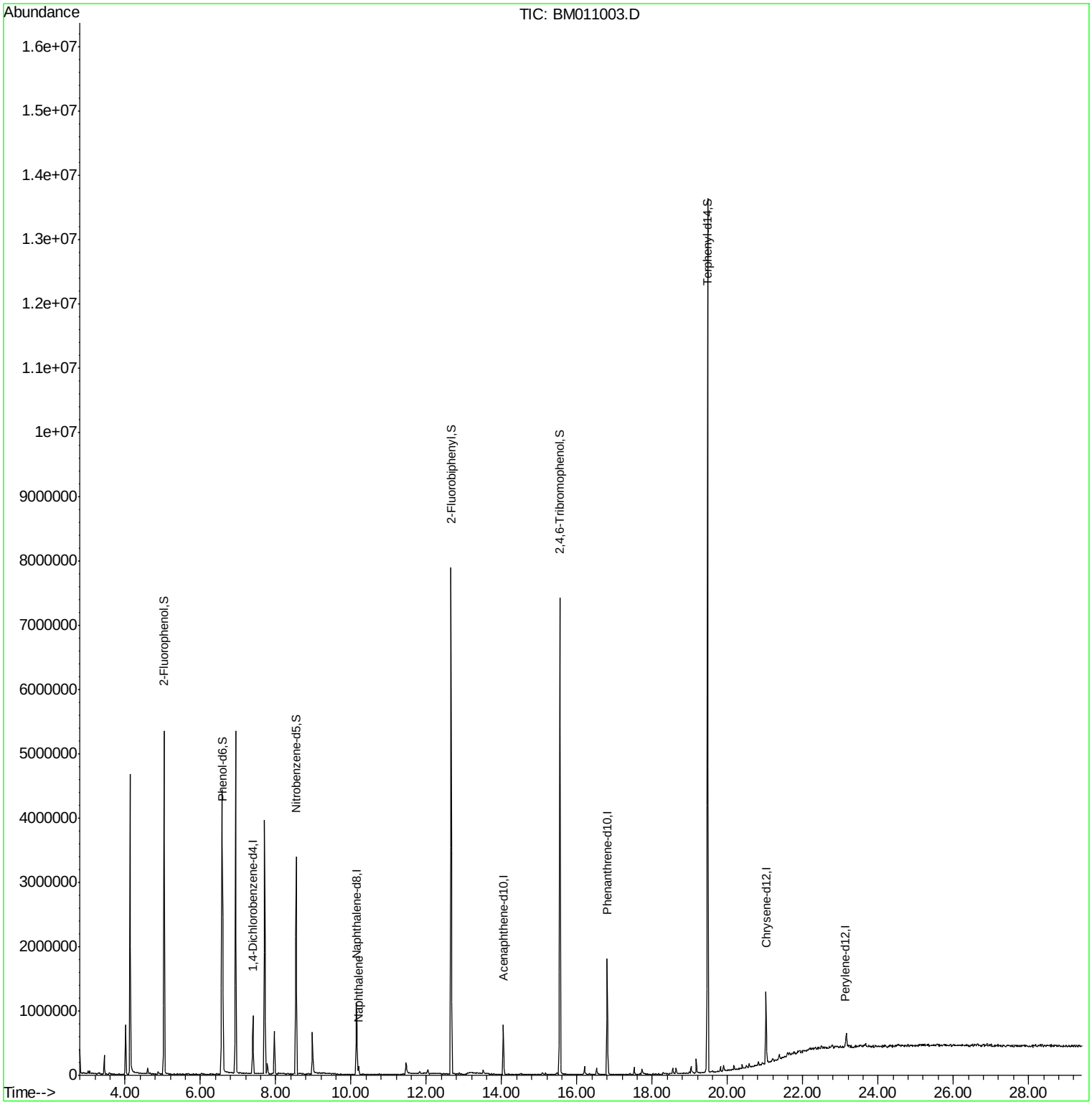
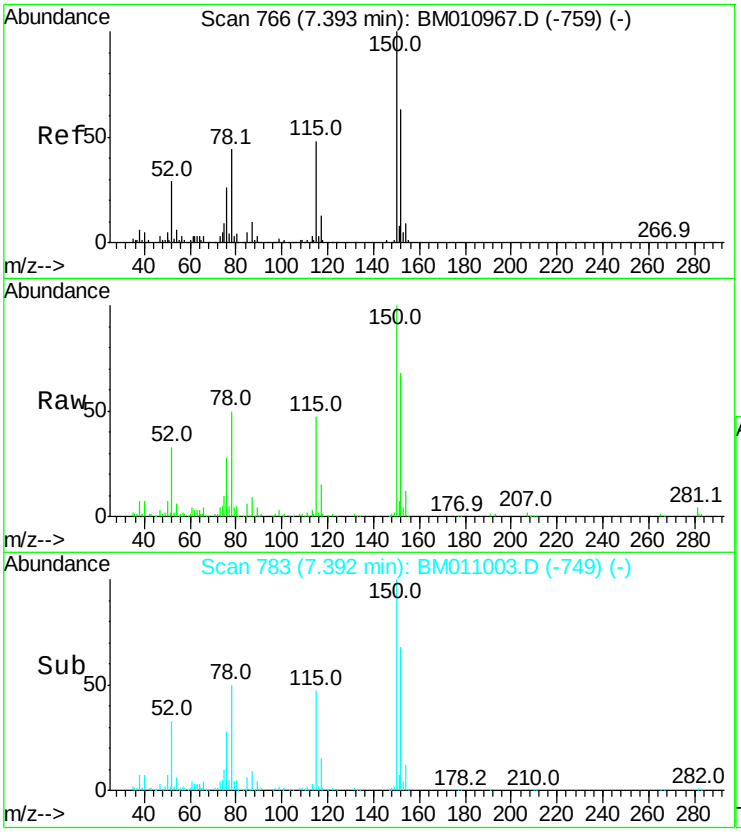


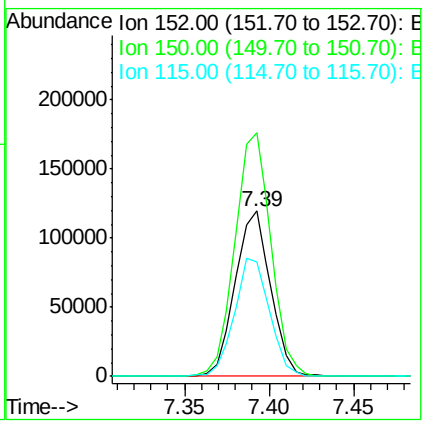


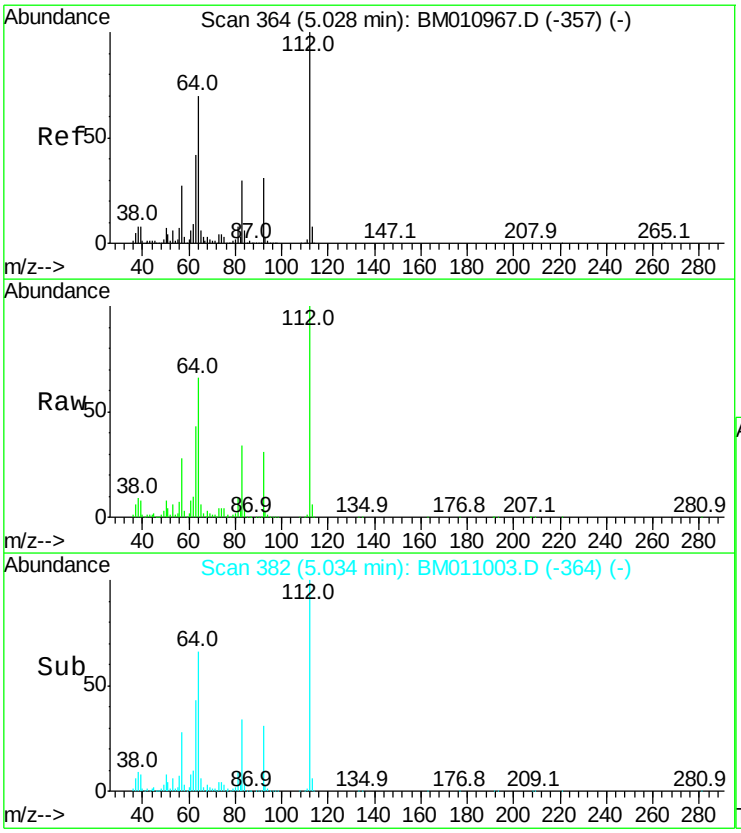
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion:152 Resp: 174410

Ion	Ratio	Lower	Upper
152	100		
150	147.6	119.5	179.3
115	69.3	43.0	64.4#

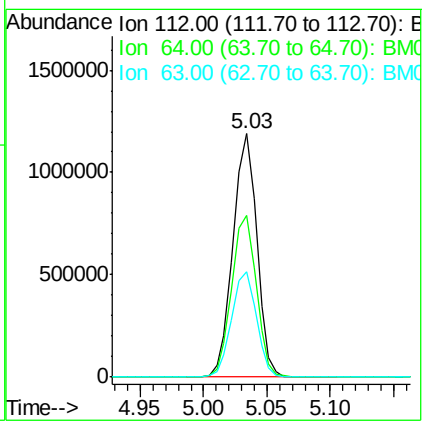


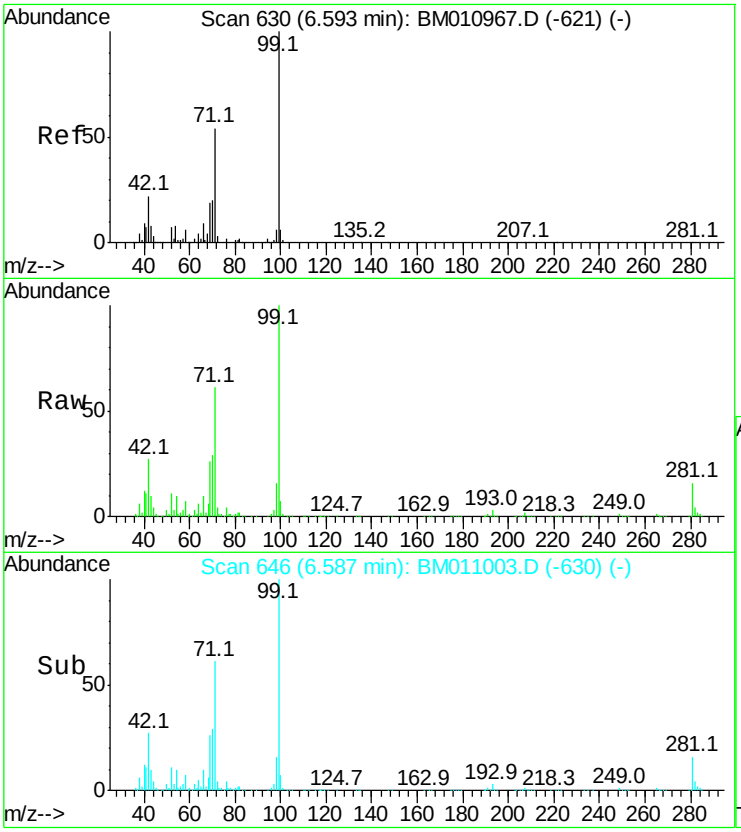


#5
2-Fluorophenol
Concen: 149.705 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:112 Resp: 1544570

Ion	Ratio	Lower	Upper
112	100		
64	66.3	38.6	57.8#
63	43.4	19.3	28.9#



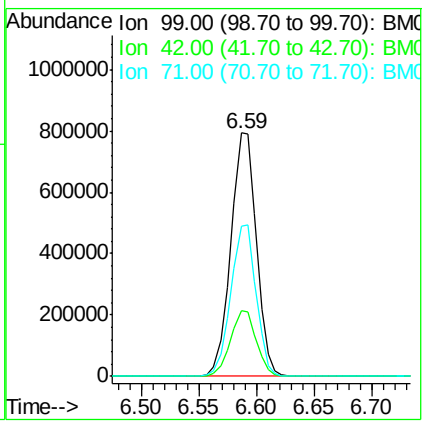


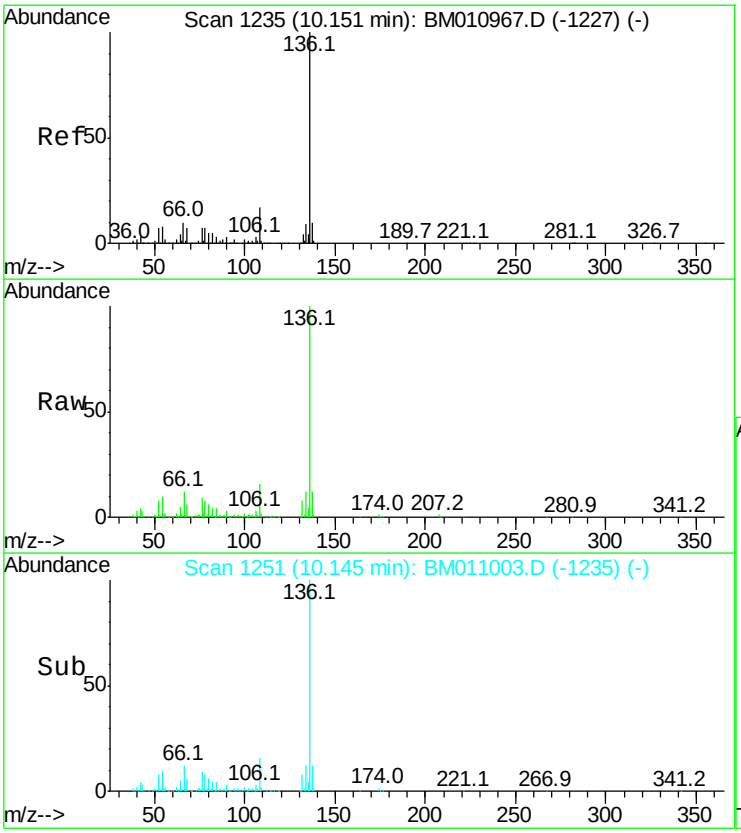
#7
Phenol-d6
Concen: 83.030 ng
RT: 6.59 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion: 99 Resp: 1217149

Ion	Ratio	Lower	Upper
99	100		
42	26.9	11.0	16.4#
71	61.5	23.4	35.2#

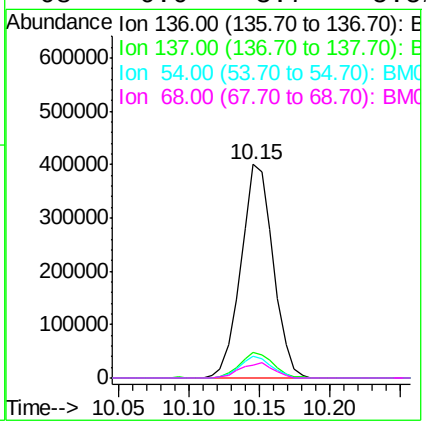


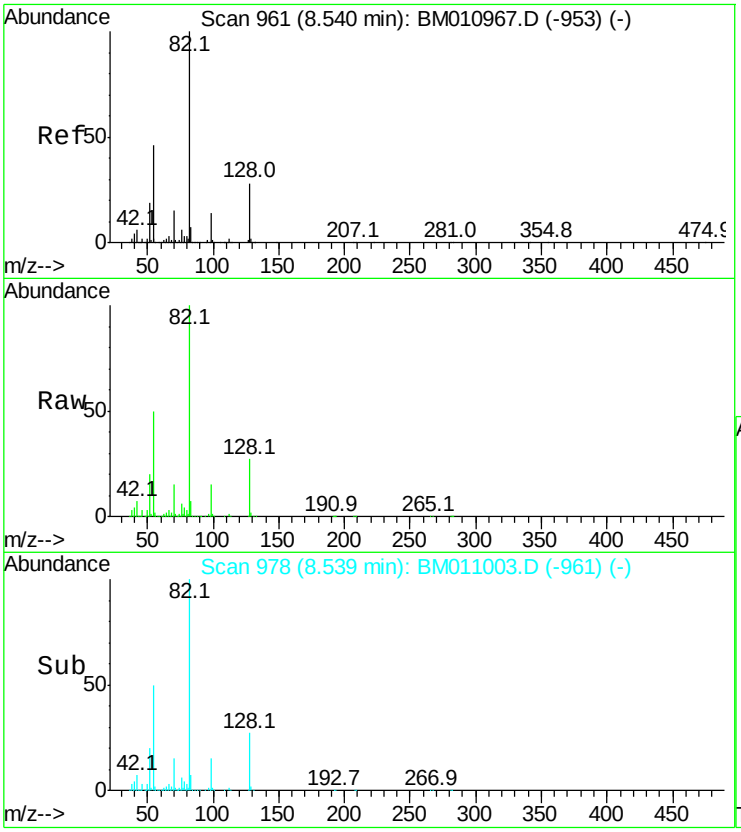


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:136 Resp: 639787

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	10.1	4.6	6.8#
68	6.0	3.7	5.5#



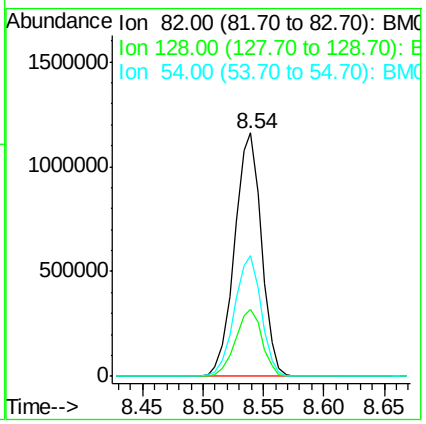


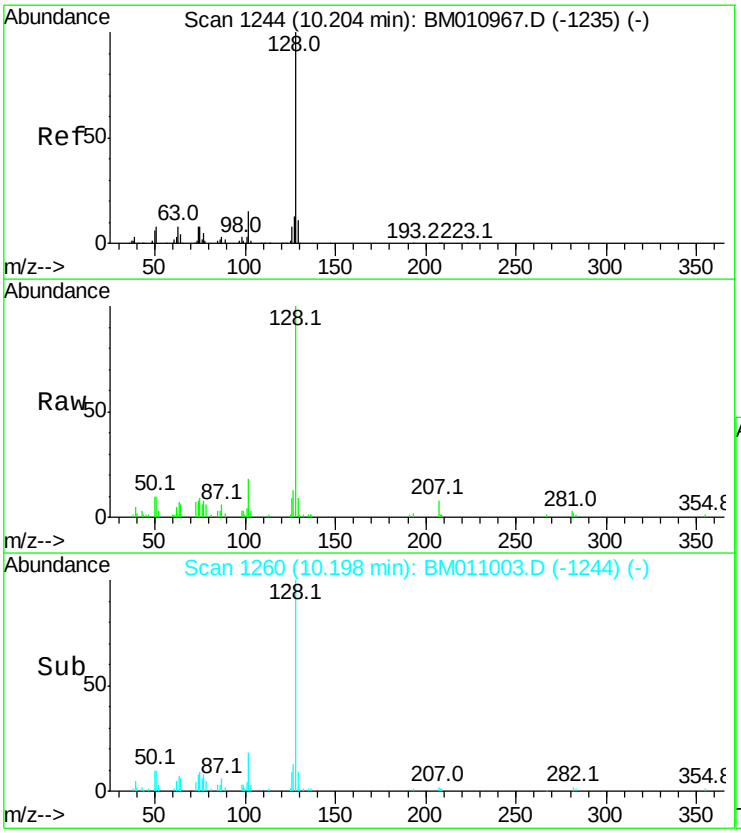
#23
Nitrobenzene-d5
Concen: 105.823 ng
RT: 8.54 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion: 82 Resp: 1803927

Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	49.6	40.6	60.8

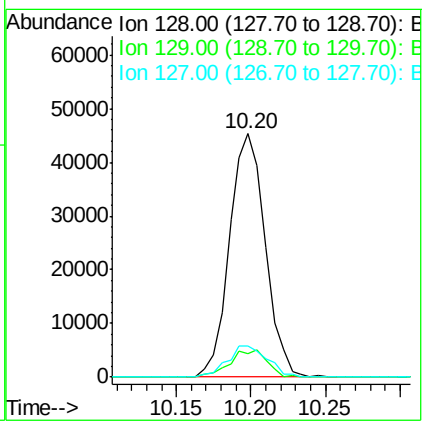


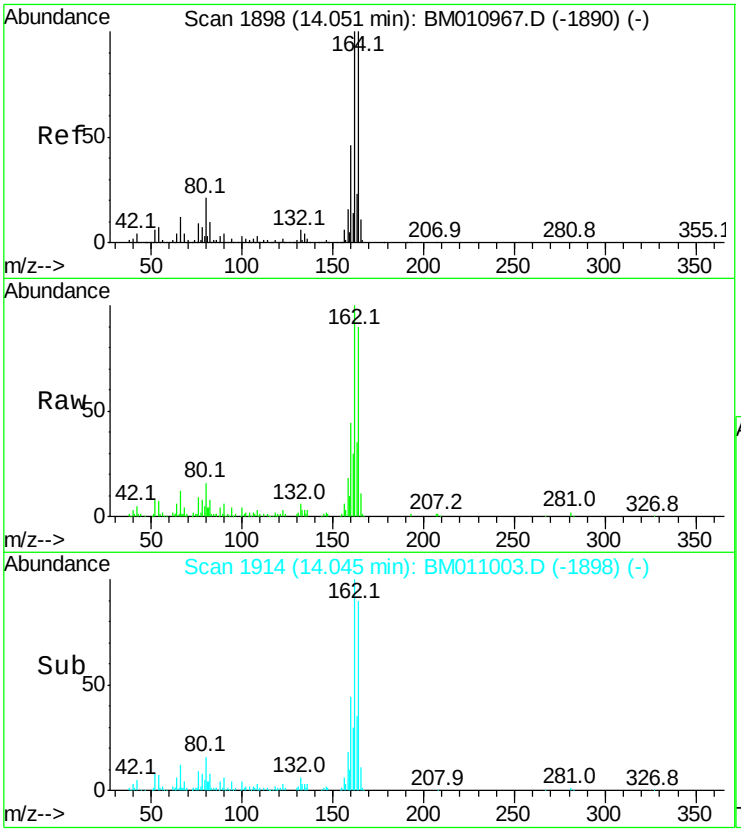


#31
Naphthalene
Concen: 2.349 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:128 Resp: 75588

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.9	13.3
127	12.7	10.4	15.6



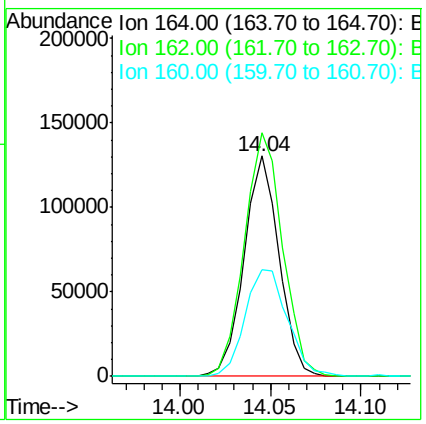


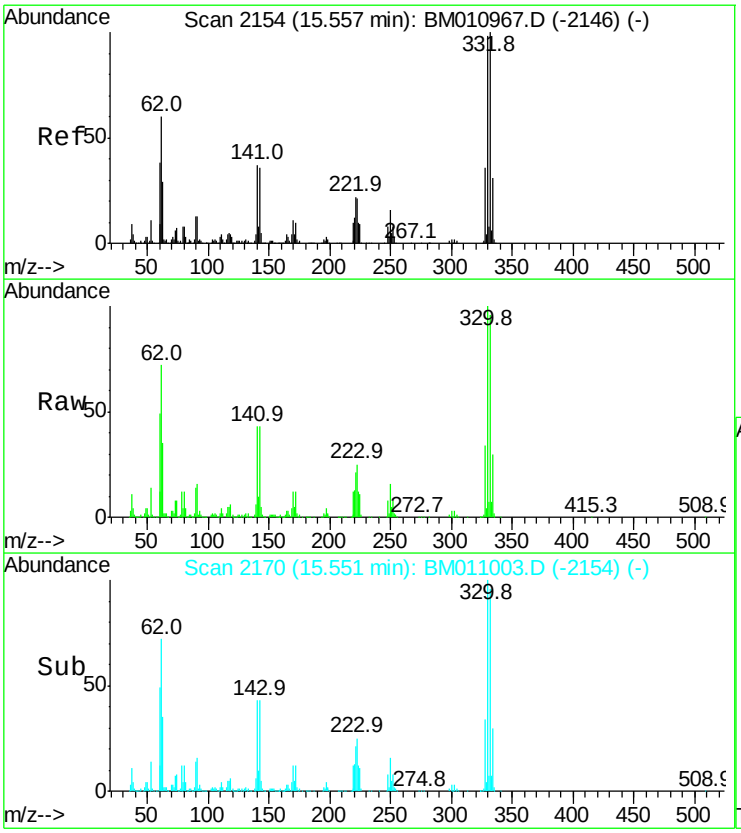
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion:164 Resp: 175079

Ion	Ratio	Lower	Upper
164	100		
162	110.6	82.4	123.6
160	48.4	35.8	53.6

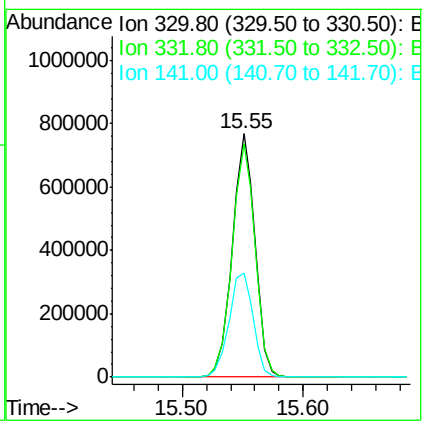


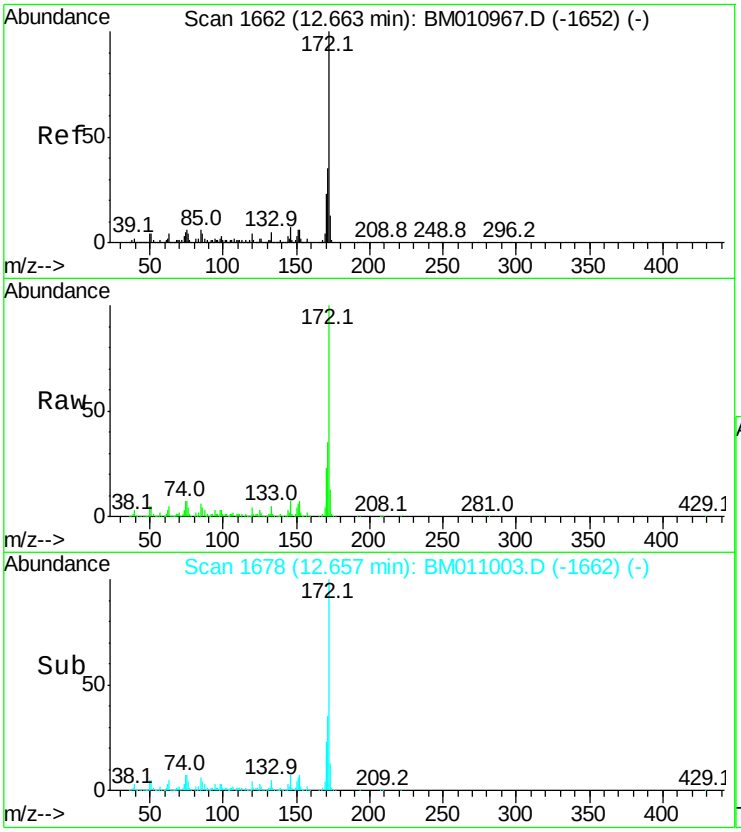


#41
2,4,6-Tribromophenol
Concen: 358.575 ng
RT: 15.55 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:330 Resp: 1006215

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	45.7	0.0	0.0#



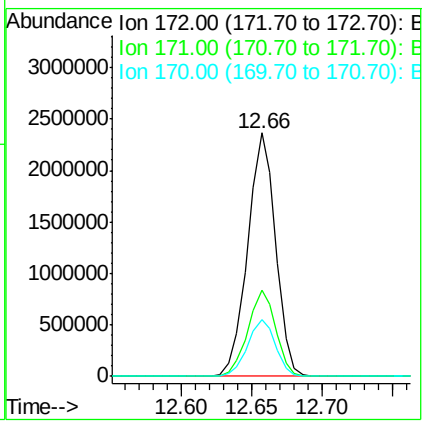


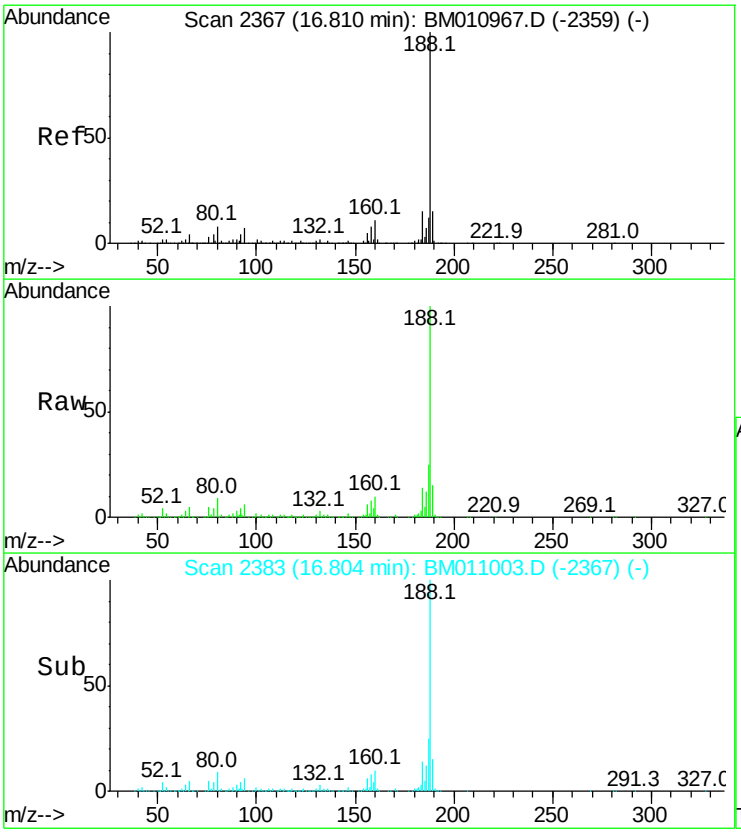
#44
2-Fluorobiphenyl
Concen: 236.016 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion:172 Resp: 3294817

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.3	18.8	28.2

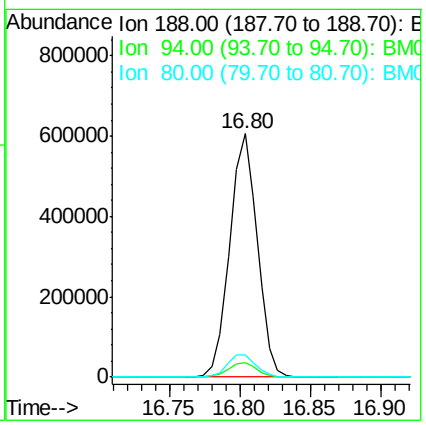


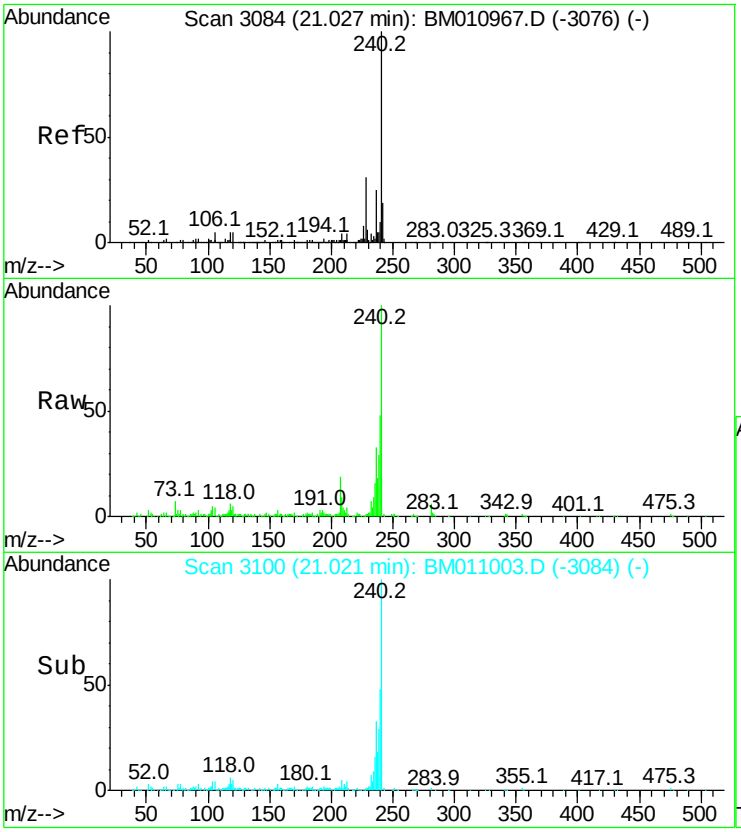


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:188 Resp: 825219

Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	9.1	9.3	13.9#



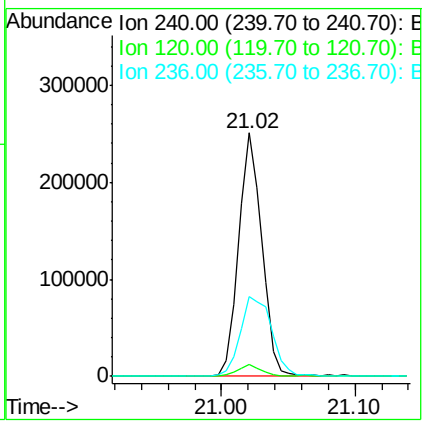


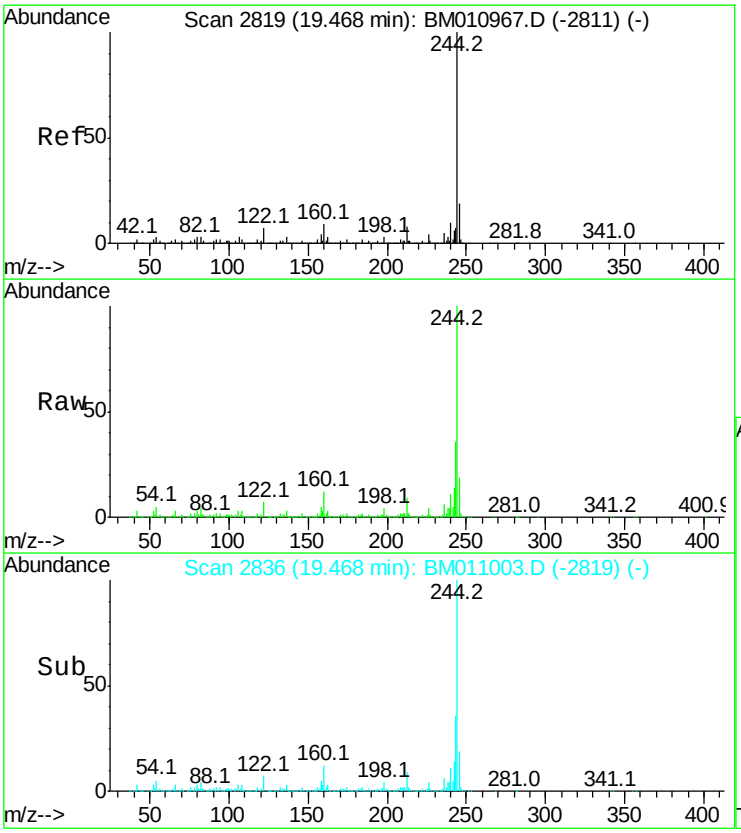
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion:240 Resp: 302253

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	32.8	20.0	30.0#

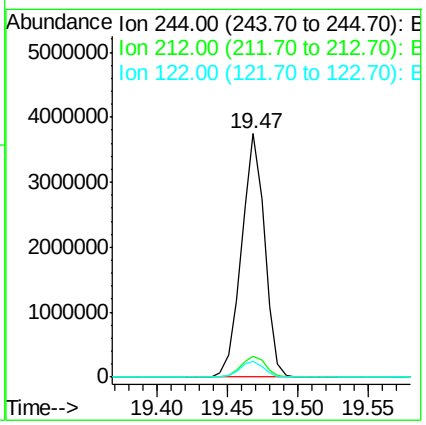


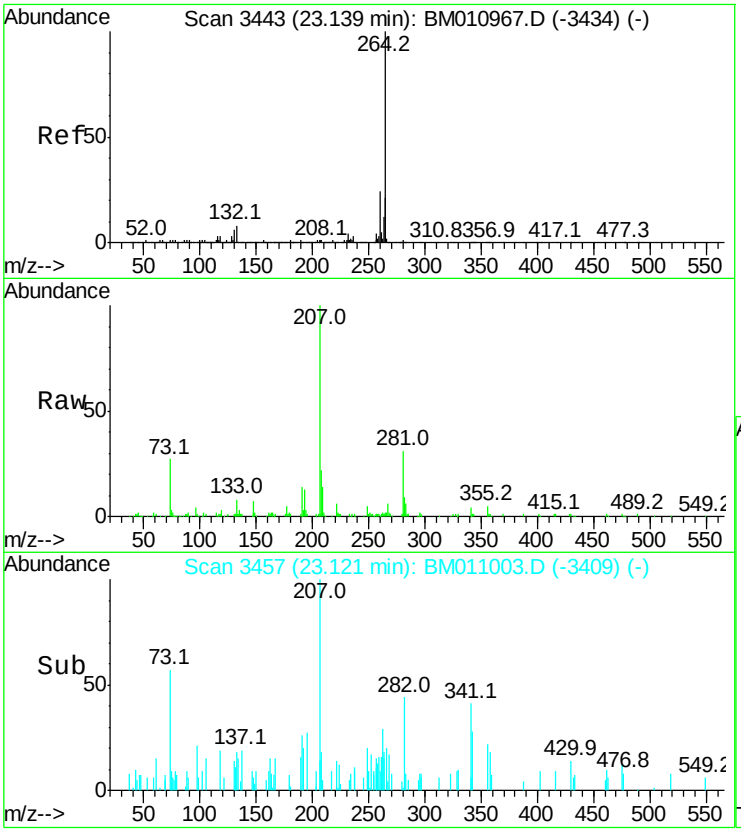


#78
Terphenyl-d14
Concen: 279.255 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:244 Resp: 4261031

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.12 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-B

Tgt Ion:264 Resp: 1266

Ion	Ratio	Lower	Upper
264	100		
260	50.1	18.6	27.8#
265	245.0	17.3	25.9#