Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011178.D
Acq On : 09 Aug 2017 17:20
Operator : SJ/JU
Sample : I4625-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CLINTON-AVE-COMP-2

Quant Time: Aug 09 18:28:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 18:20:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	140051	20.00	ng	0.00
21) Naphthalene-d8	10.06	136	480580	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	307338	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	765015	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1043690	20.00	ng	0.00
86) Perylene-d12	23.03	264	702530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1177462	142.12	ng	0.00
7) Phenol-d6	6.50	99	1479869	125.72	ng	0.00
23) Nitrobenzene-d5	8.45	82	1500913	117.22	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	742486	150.73	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2498814	101.97	ng	0.00
78) Terphenyl-d14	19.39	244	4573911	86.81	ng	0.00
Target Compounds						Qvalue

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

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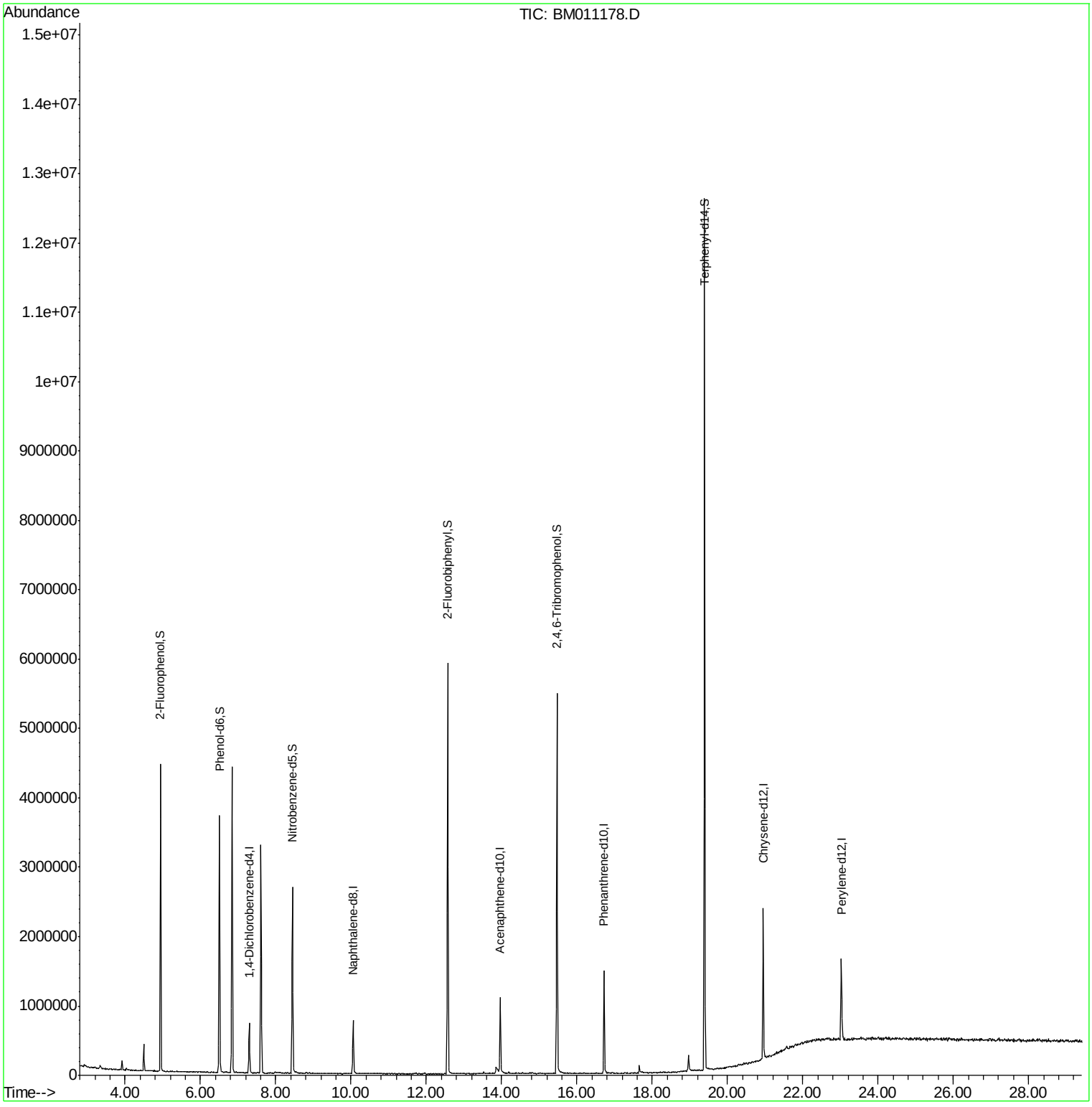
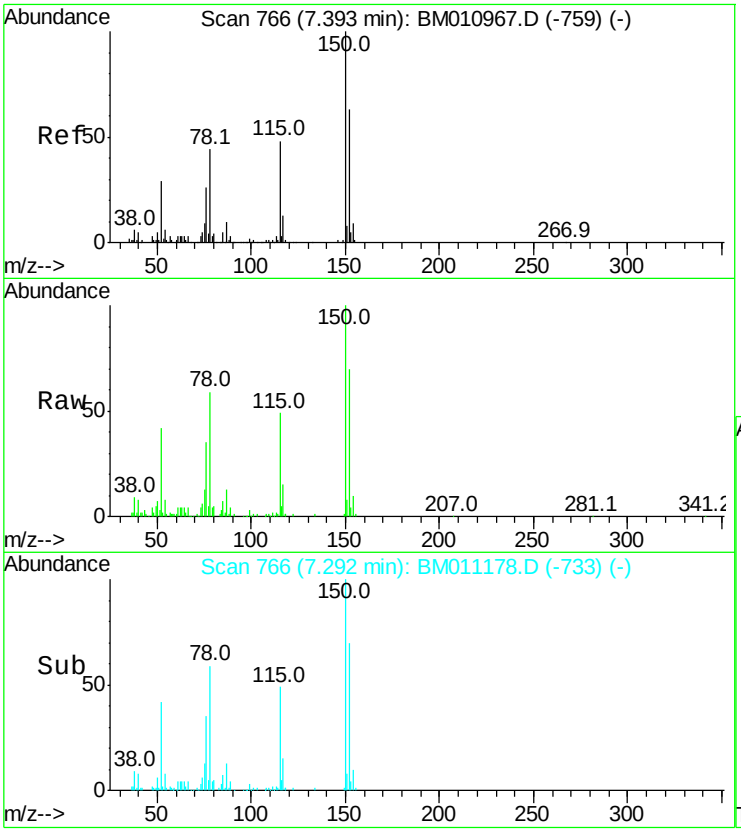


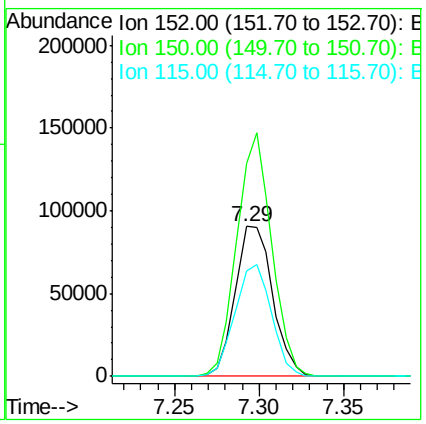


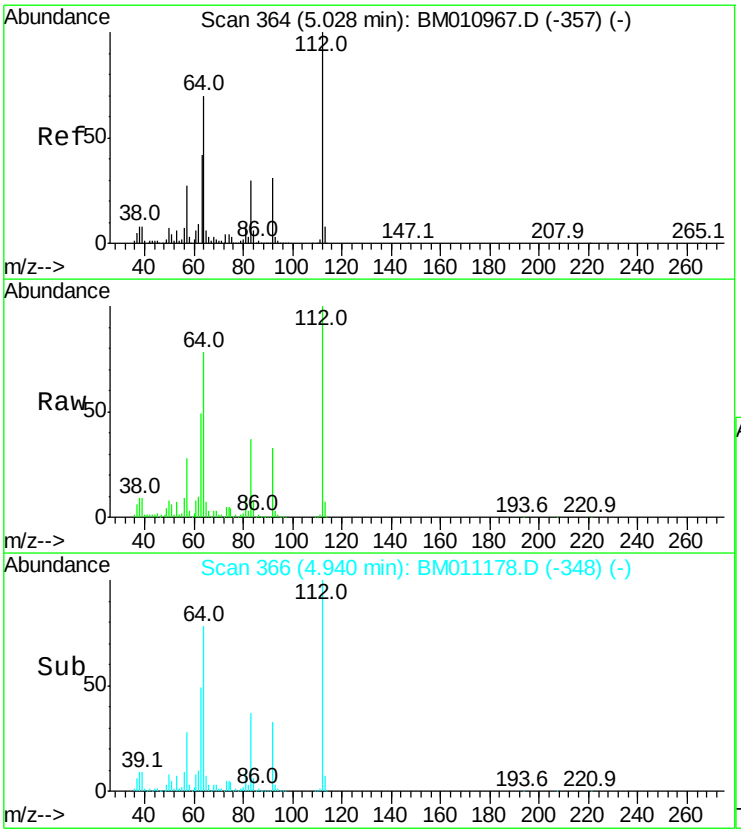
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion:152 Resp: 140051

Ion	Ratio	Lower	Upper
152	100		
150	142.0	119.5	179.3
115	70.1	43.0	64.4#

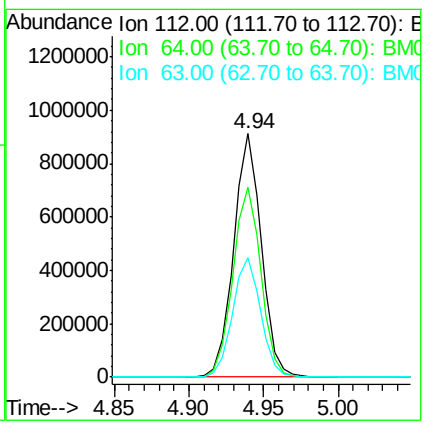


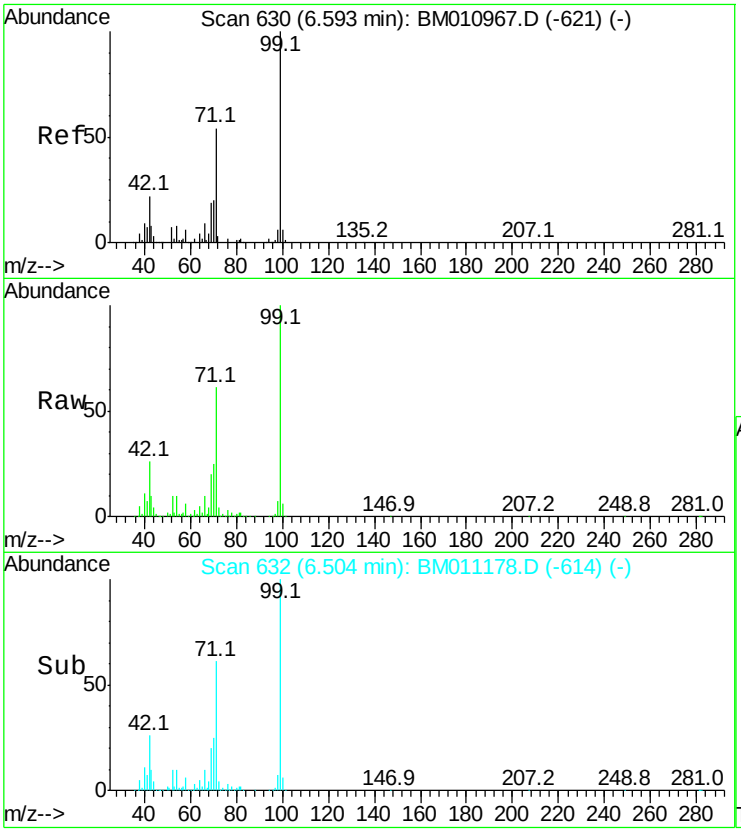


#5
2-Fluorophenol
Concen: 142.122 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:112 Resp: 1177462

Ion	Ratio	Lower	Upper
112	100		
64	78.2	38.6	57.8#
63	49.3	19.3	28.9#



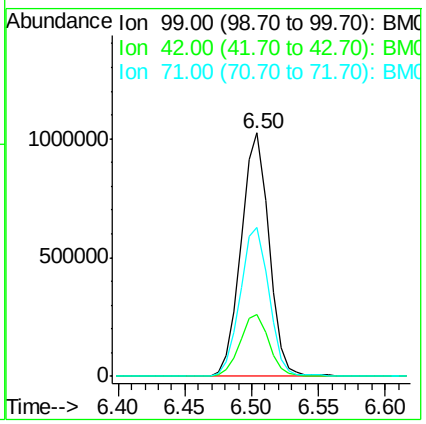


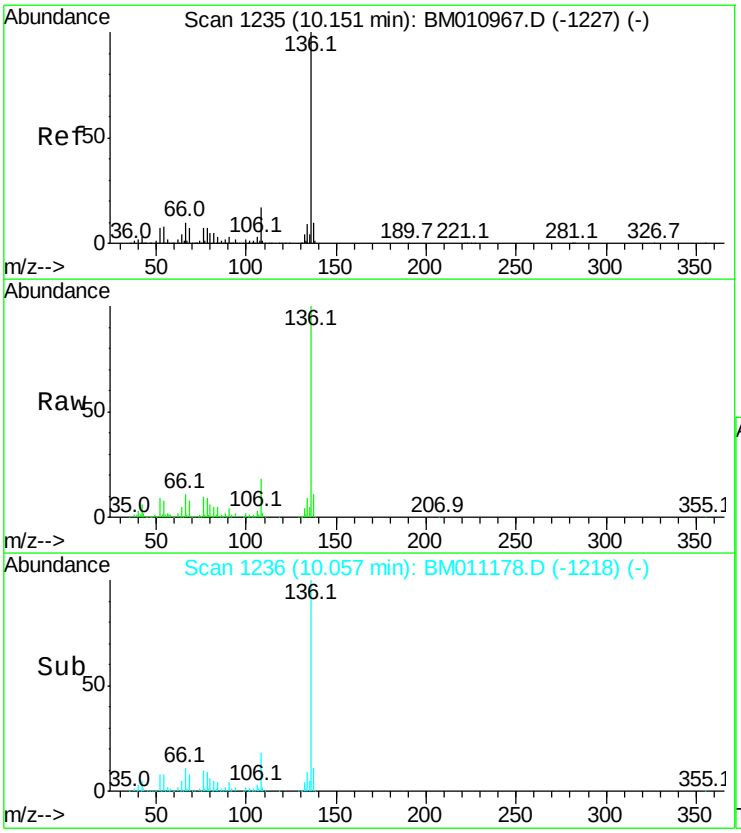
#7
Phenol-d6
Concen: 125.718 ng
RT: 6.50 min Scan# 632
Delta R.T. 0.01 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion: 99 Resp: 1479869

Ion	Ratio	Lower	Upper
99	100		
42	25.6	11.0	16.4#
71	61.4	23.4	35.2#

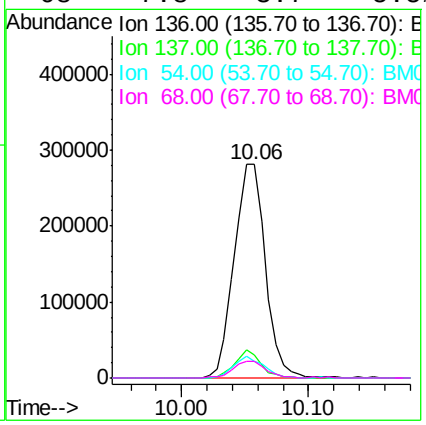


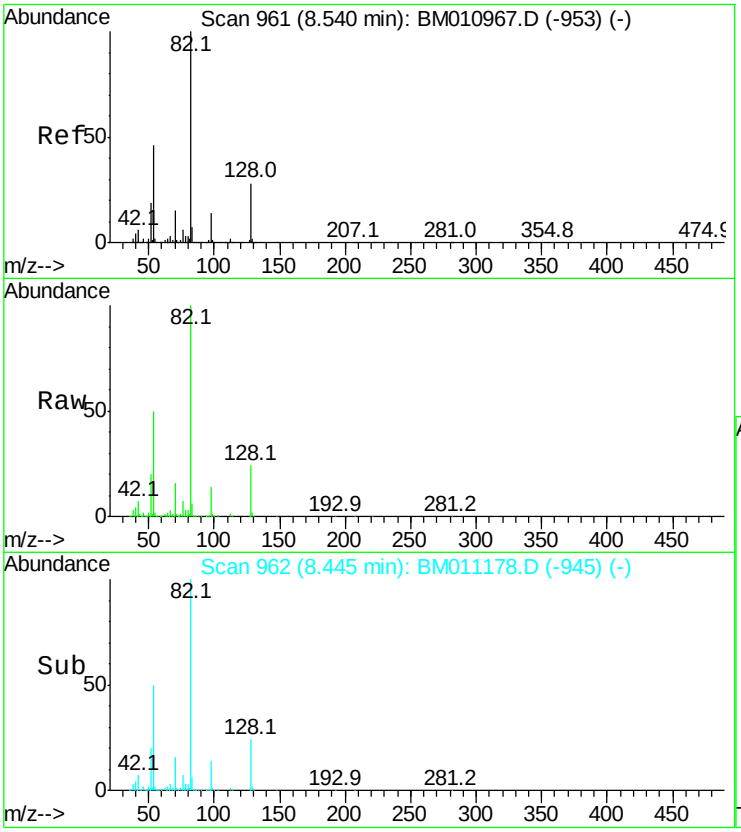


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.06 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:136 Resp: 480580

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	4.6	6.8#
68	7.8	3.7	5.5#



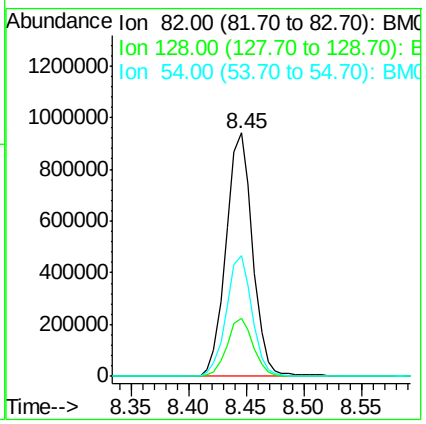


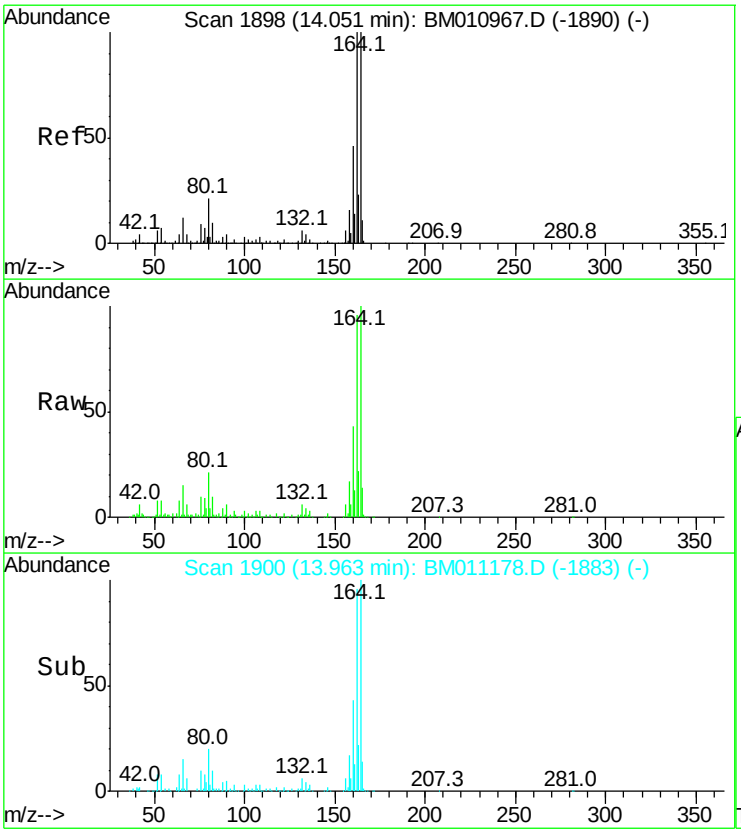
#23
Nitrobenzene-d5
Concen: 117.216 ng
RT: 8.45 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion: 82 Resp: 1500913

Ion	Ratio	Lower	Upper
82	100		
128	23.6	32.8	49.2#
54	49.7	40.6	60.8

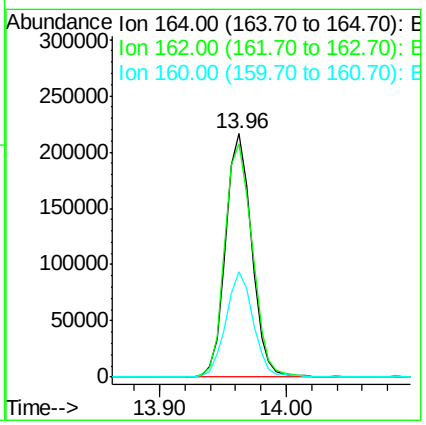


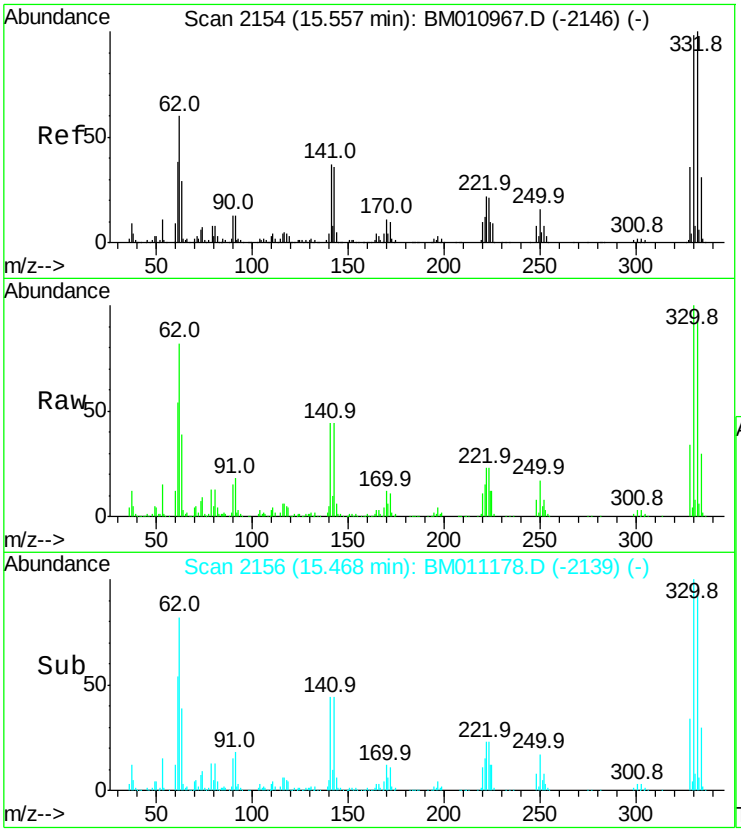


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:164 Resp: 307338

Ion	Ratio	Lower	Upper
164	100		
162	95.7	82.4	123.6
160	43.4	35.8	53.6



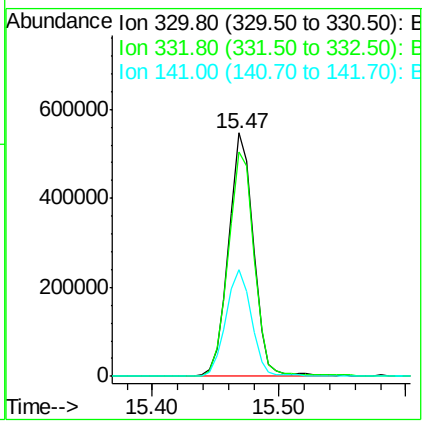


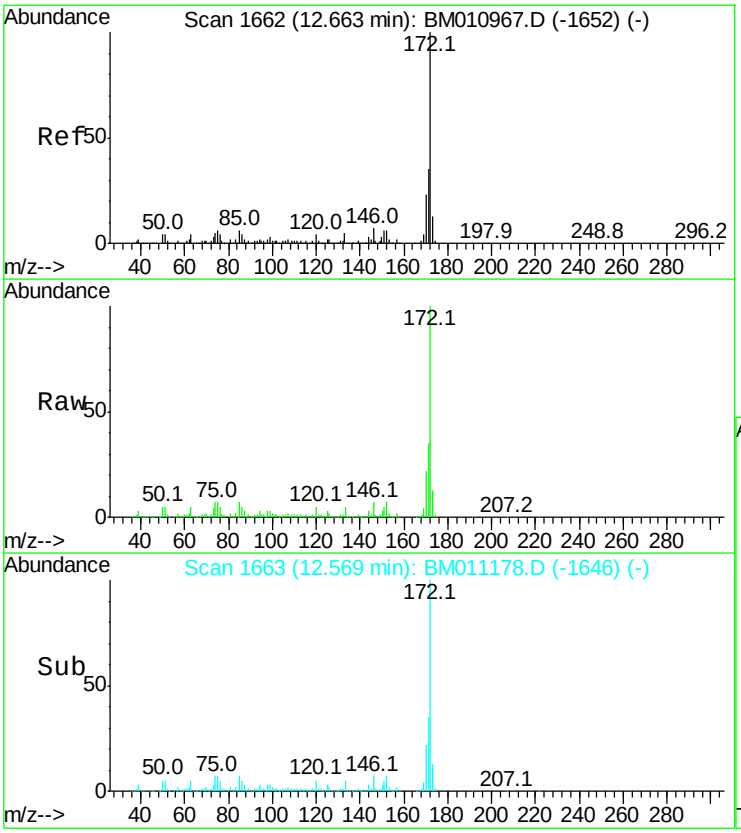
#41
2,4,6-Tribromophenol
Concen: 150.728 ng
RT: 15.47 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion:330 Resp: 742486

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	45.0	0.0	0.0#

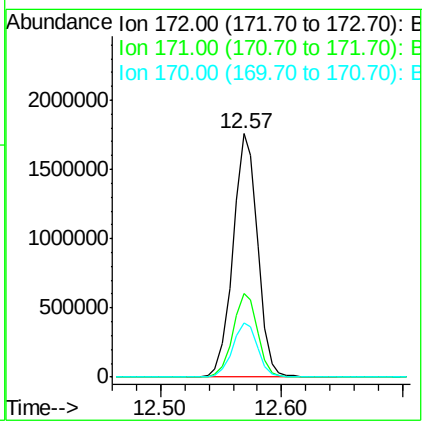


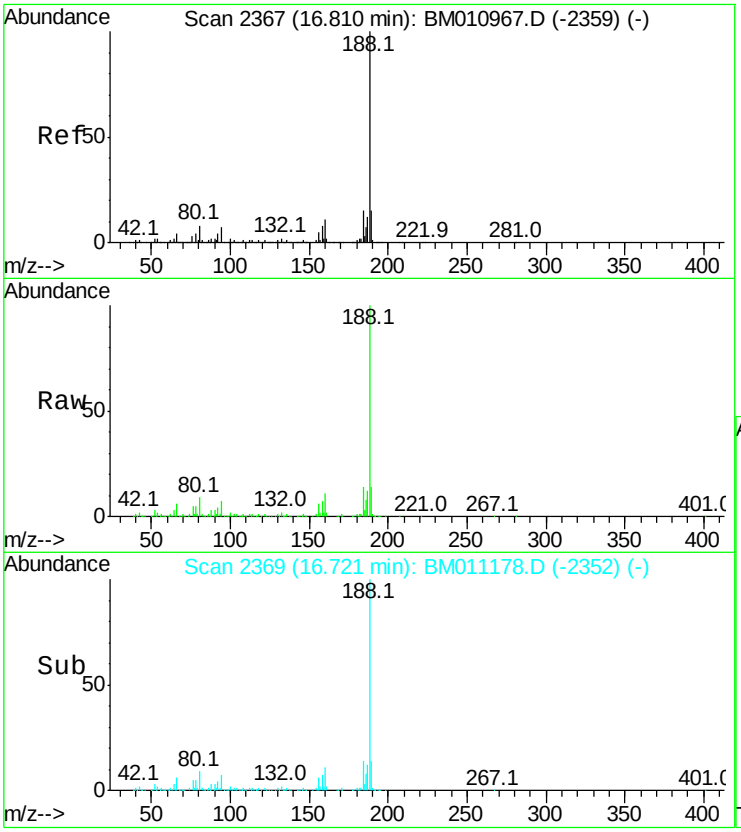


#44
2-Fluorobiphenyl
Concen: 101.968 ng
RT: 12.57 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:172 Resp: 2498814

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.3	18.8	28.2



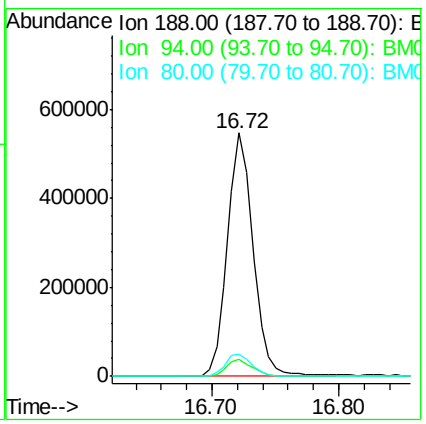


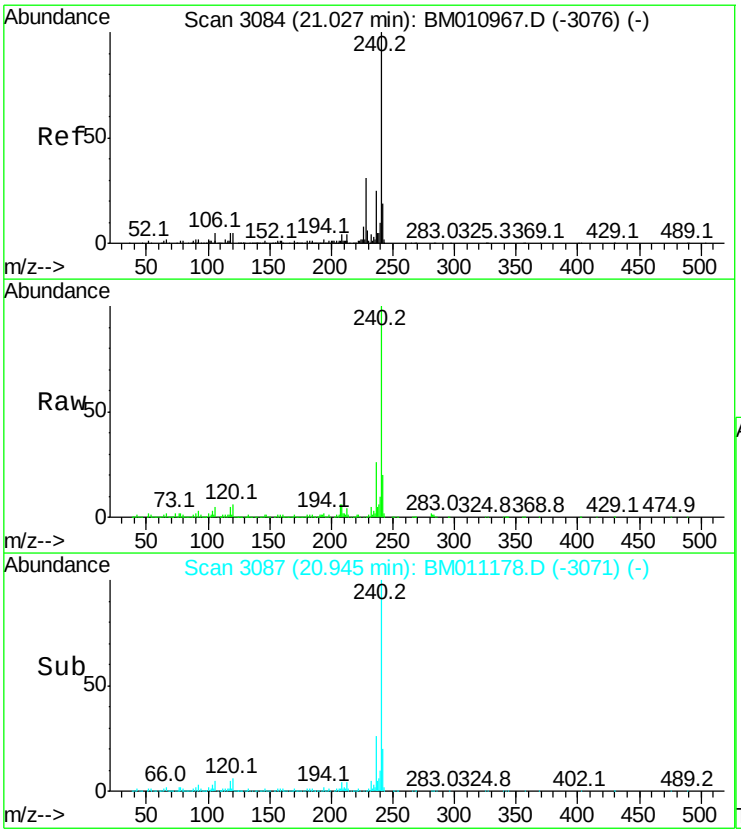
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion:188 Resp: 765015

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	9.1	9.3	13.9#

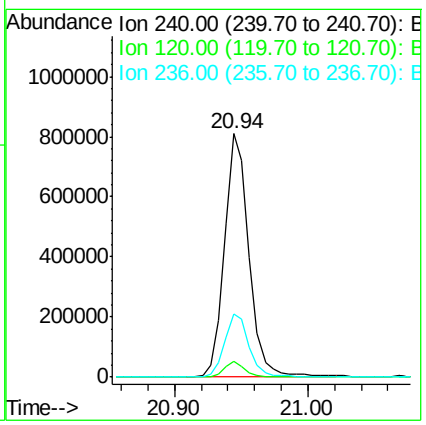


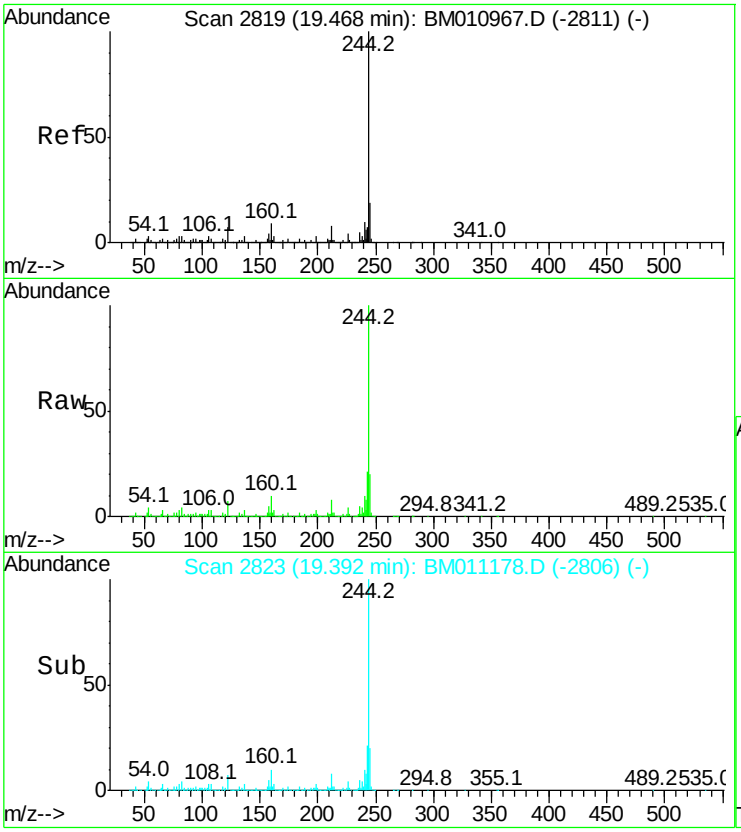


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:240 Resp: 1043690

Ion	Ratio	Lower	Upper
240	100		
120	6.2	8.2	12.2#
236	25.9	20.0	30.0



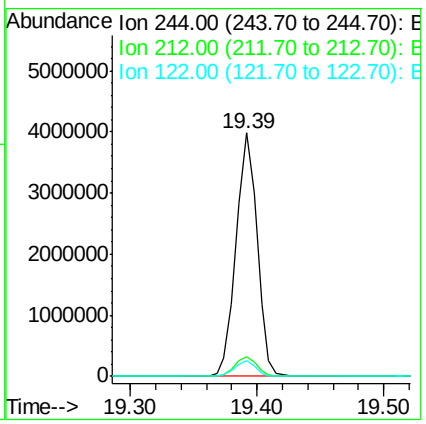


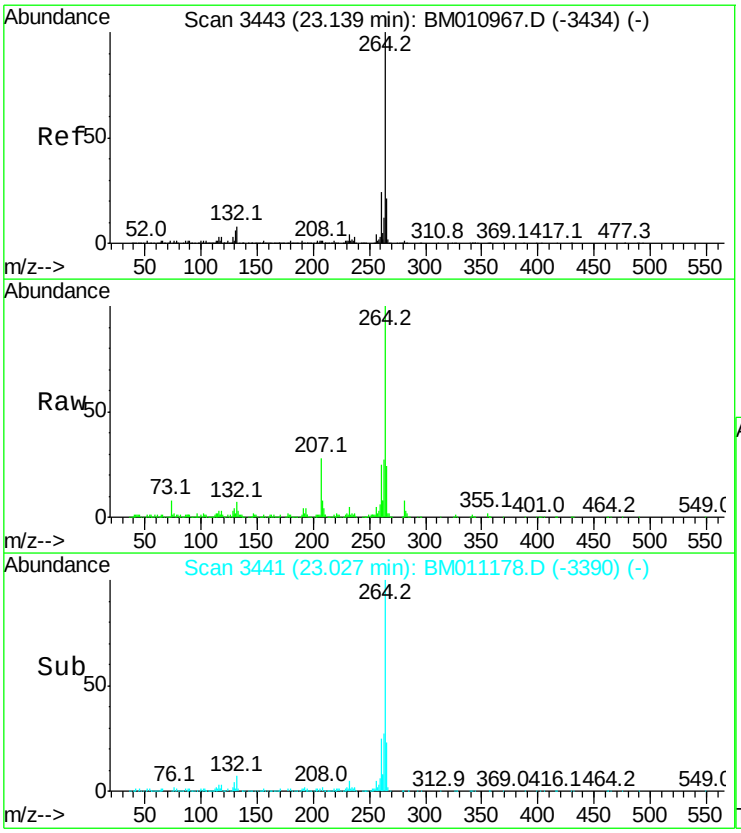
#78
Terphenyl-d14
Concen: 86.811 ng
RT: 19.39 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-2

Tgt Ion:244 Resp: 4573911

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM011178.D
Acq: 09 Aug 2017 17:20

Tgt Ion:264 Resp: 702530

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	23.8	17.3	25.9