Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
Data File : BM011141.D
Acq On : 05 Aug 2017 14:30
Operator : SJ/JU
Sample : I4562-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JC-02-080117-A

Quant Time: Aug 06 01:40:27 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	7.32	152	182910	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	660820	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	502477	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1353395	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1760328	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1593421	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1260145	116.46	ng	-0.07
7) Phenol-d6	6.52	99	1588941	103.36	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1475905	83.82	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1036342	128.68	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2859662	71.37	ng	-0.08
78) Terphenyl-d14	19.41	244	6703634	75.43	ng	-0.06
Target Compounds						Qvalue

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

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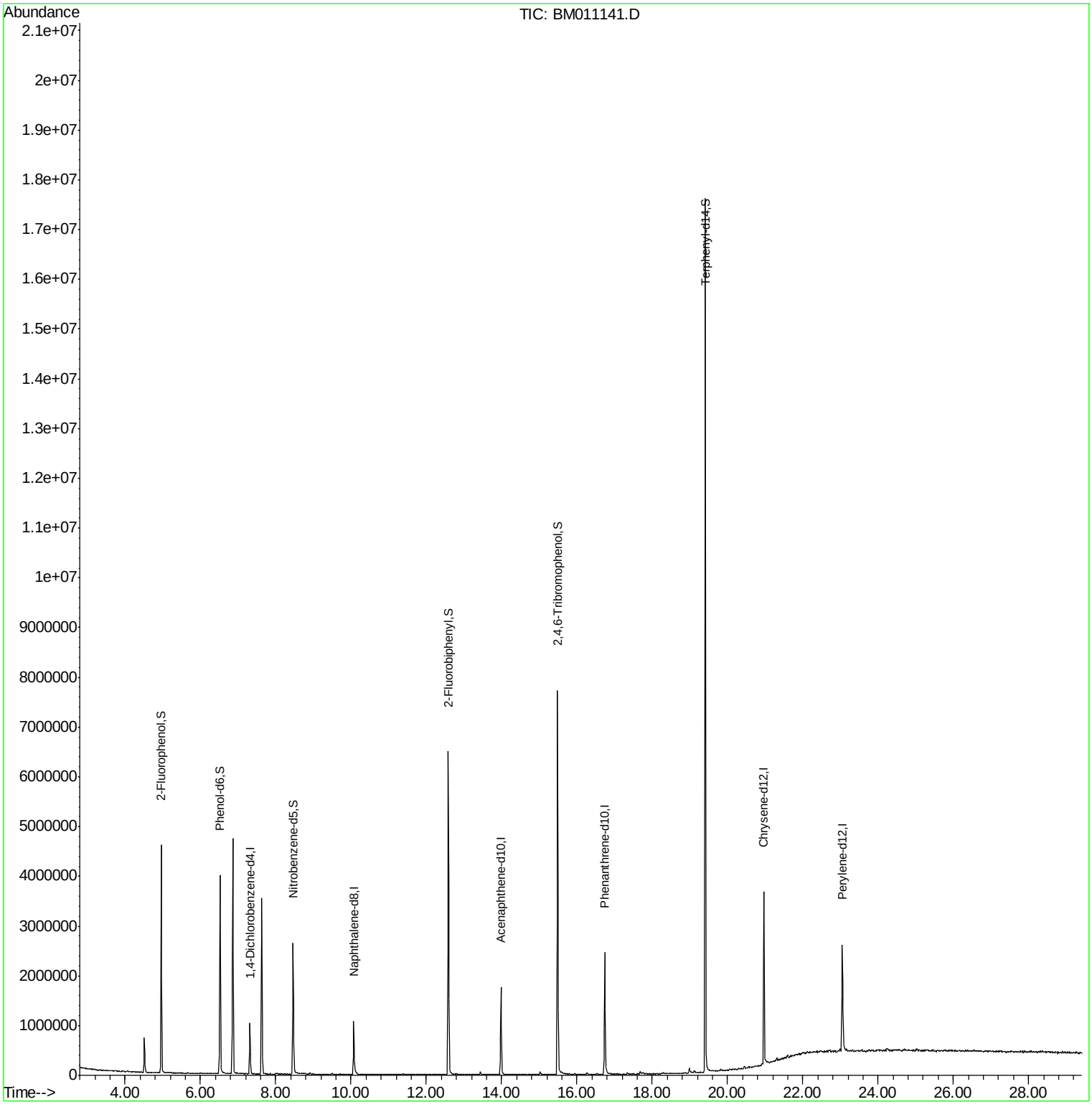
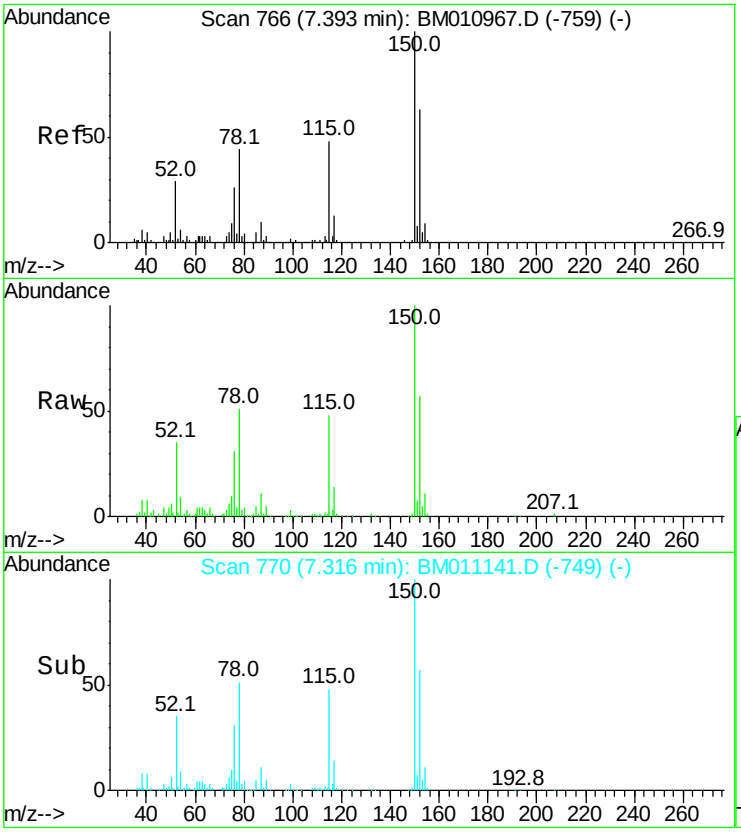


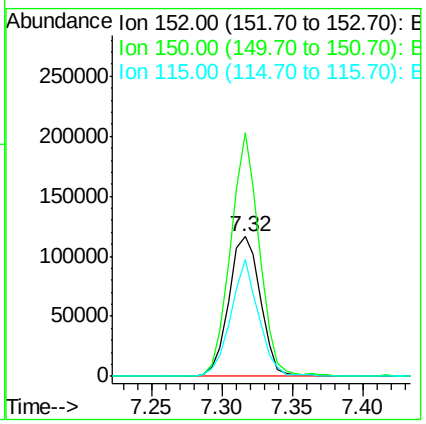


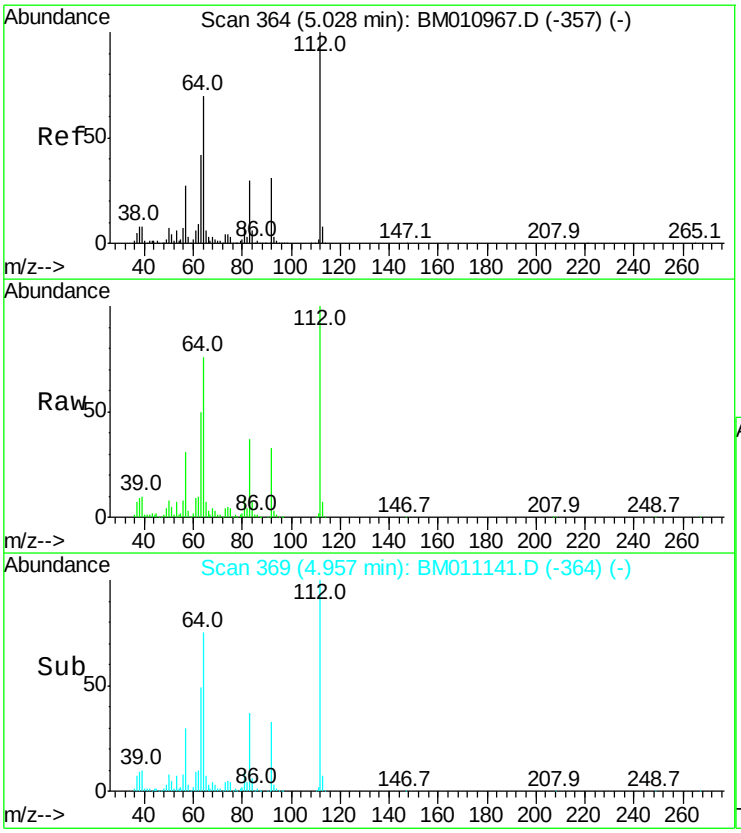
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion:152 Resp: 182910

Ion	Ratio	Lower	Upper
152	100		
150	174.2	119.5	179.3
115	83.4	43.0	64.4#

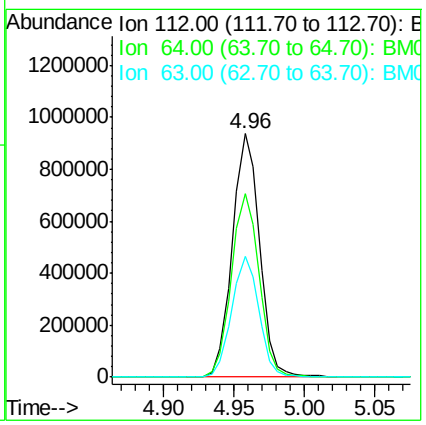


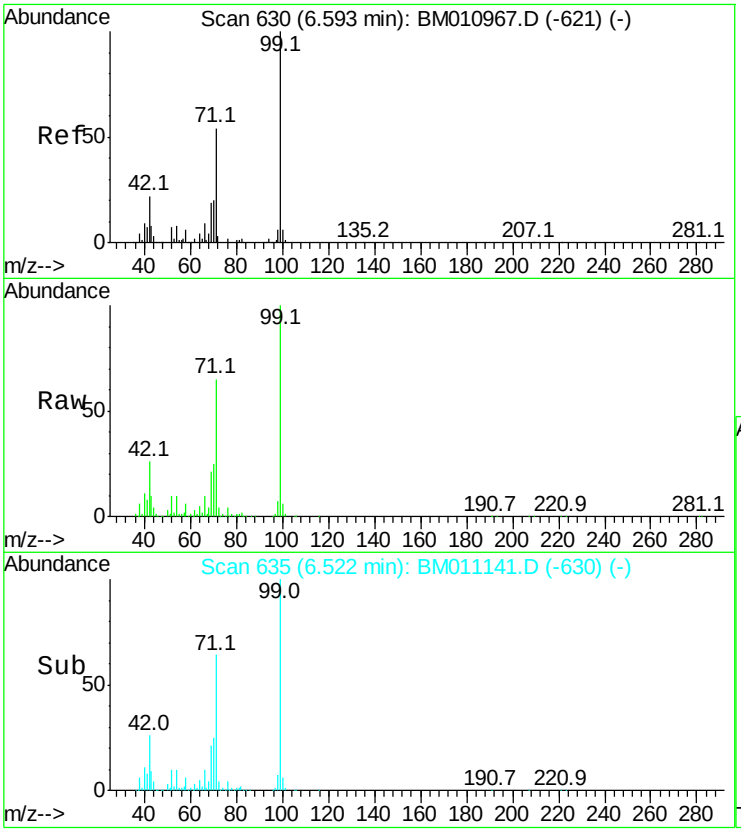


#5
2-Fluorophenol
Concen: 116.462 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:112 Resp: 1260145

Ion	Ratio	Lower	Upper
112	100		
64	75.5	38.6	57.8#
63	49.6	19.3	28.9#



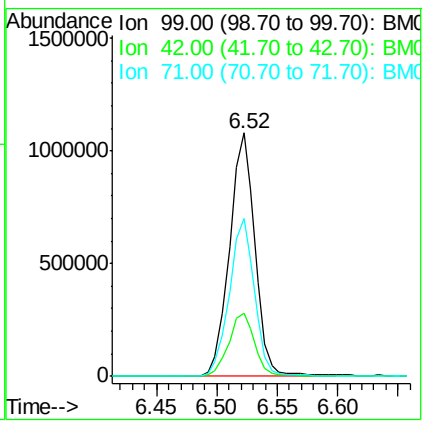


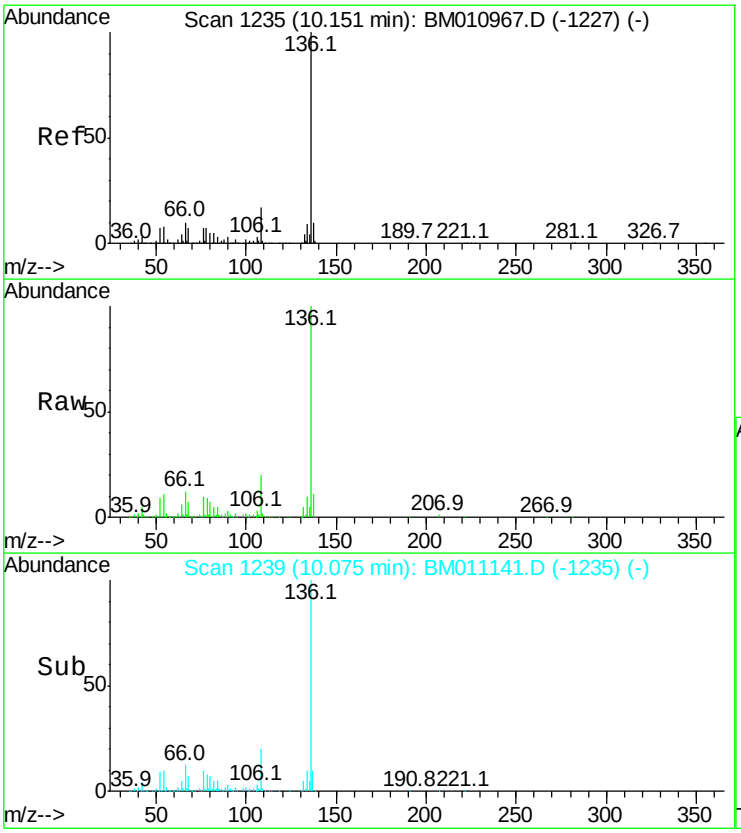
#7
Phenol-d6
Concen: 103.355 ng
RT: 6.52 min Scan# 635
Delta R.T. -0.07 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion: 99 Resp: 1588941

Ion	Ratio	Lower	Upper
99	100		
42	25.7	11.0	16.4#
71	64.6	23.4	35.2#

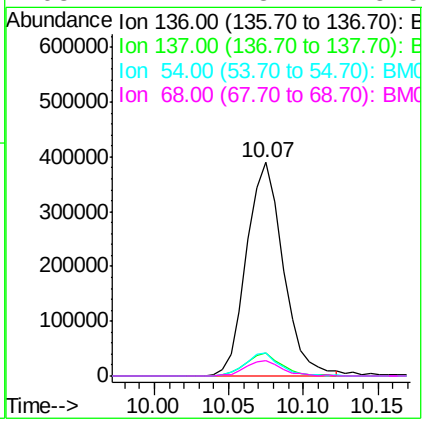


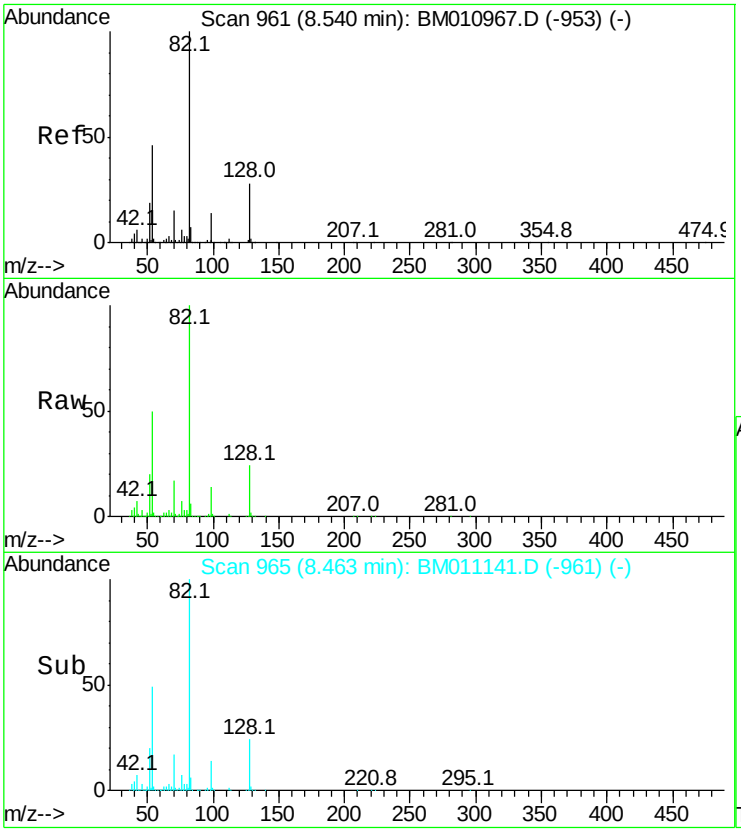


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:136 Resp: 660820

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.8	4.6	6.8#
68	7.2	3.7	5.5#



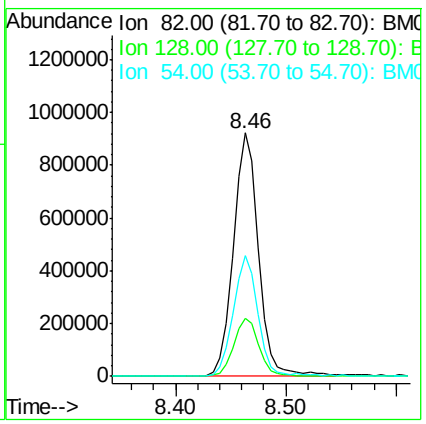


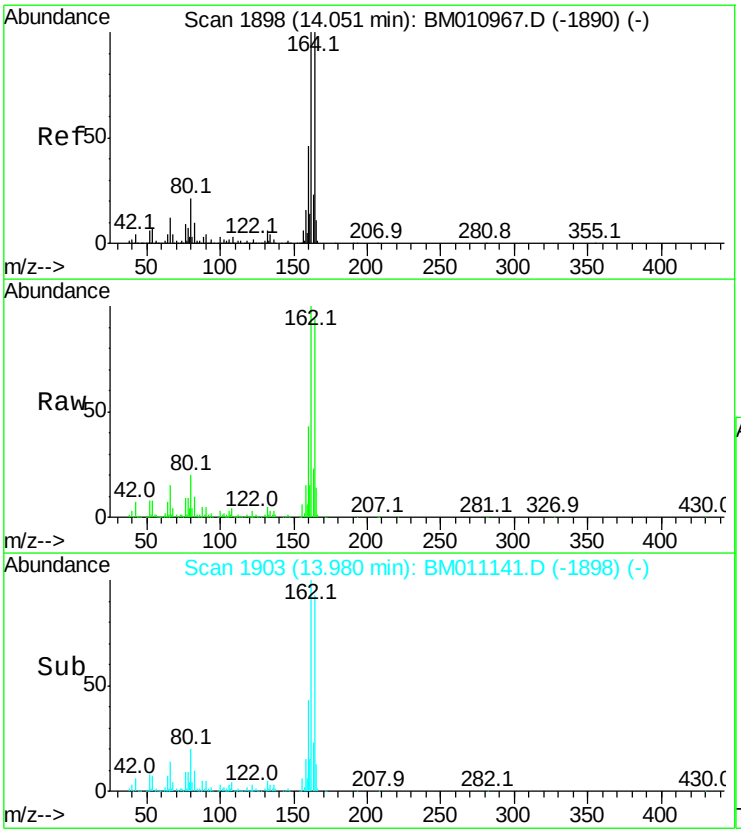
#23
Nitrobenzene-d5
Concen: 83.825 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion: 82 Resp: 1475905

Ion	Ratio	Lower	Upper
82	100		
128	23.9	32.8	49.2#
54	49.6	40.6	60.8

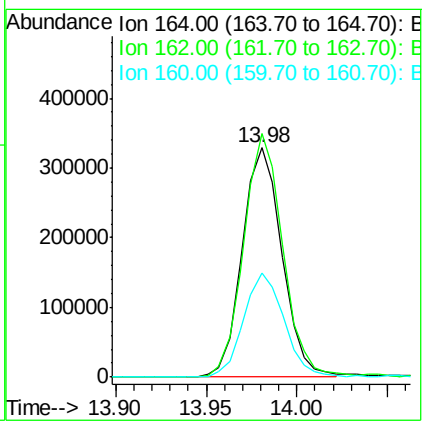


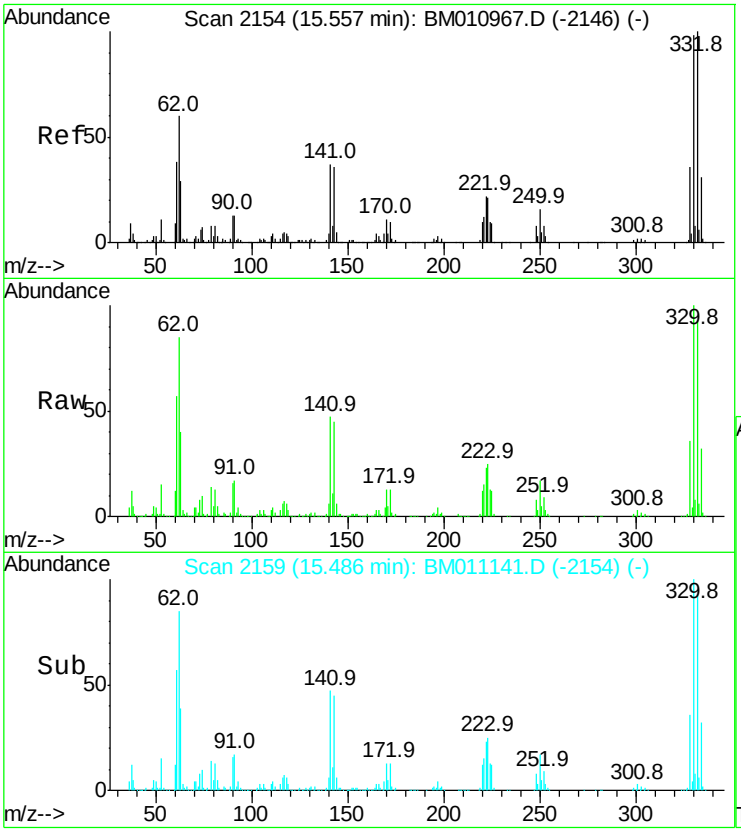


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:164 Resp: 502477

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.5	35.8	53.6



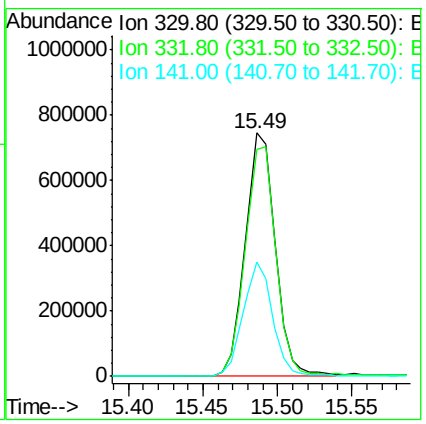


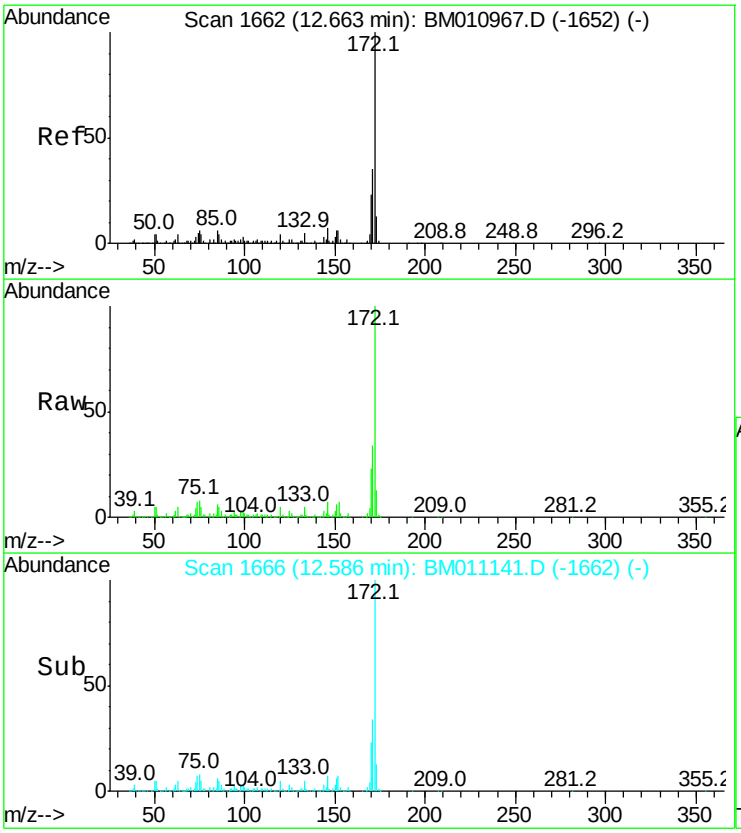
#41
2,4,6-Tribromophenol
Concen: 128.680 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion:330 Resp: 1036342

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	46.2	0.0	0.0#

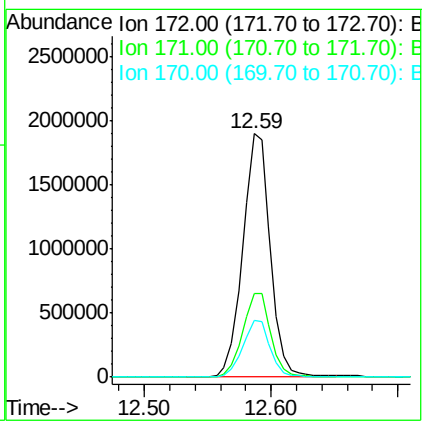


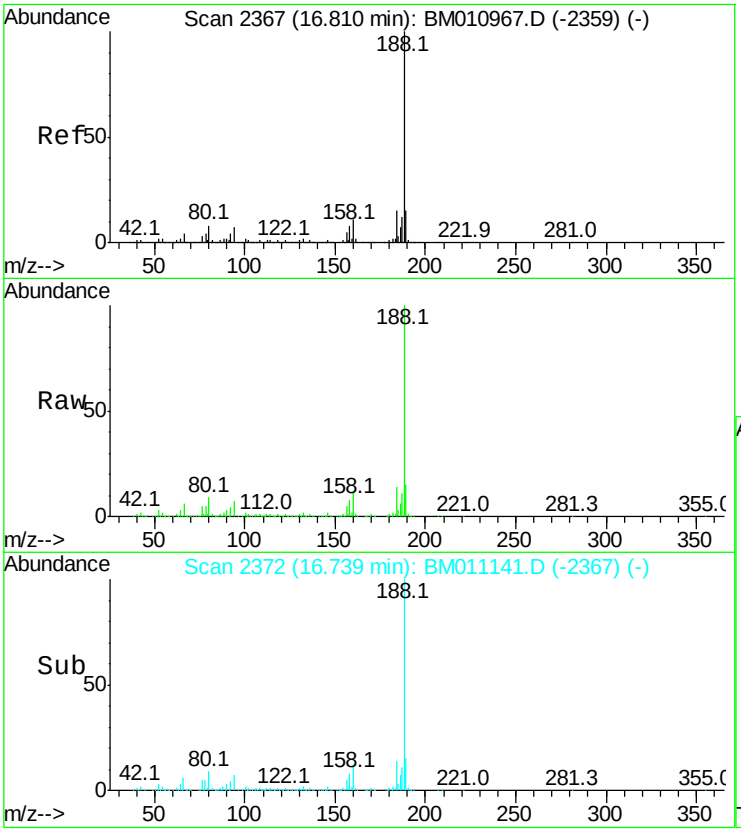


#44
2-Fluorobiphenyl
Concen: 71.375 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:172 Resp: 2859662

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.3	18.8	28.2



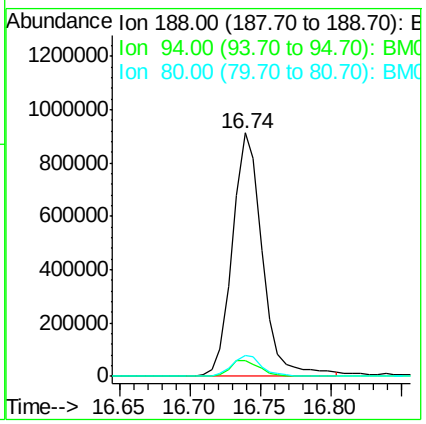


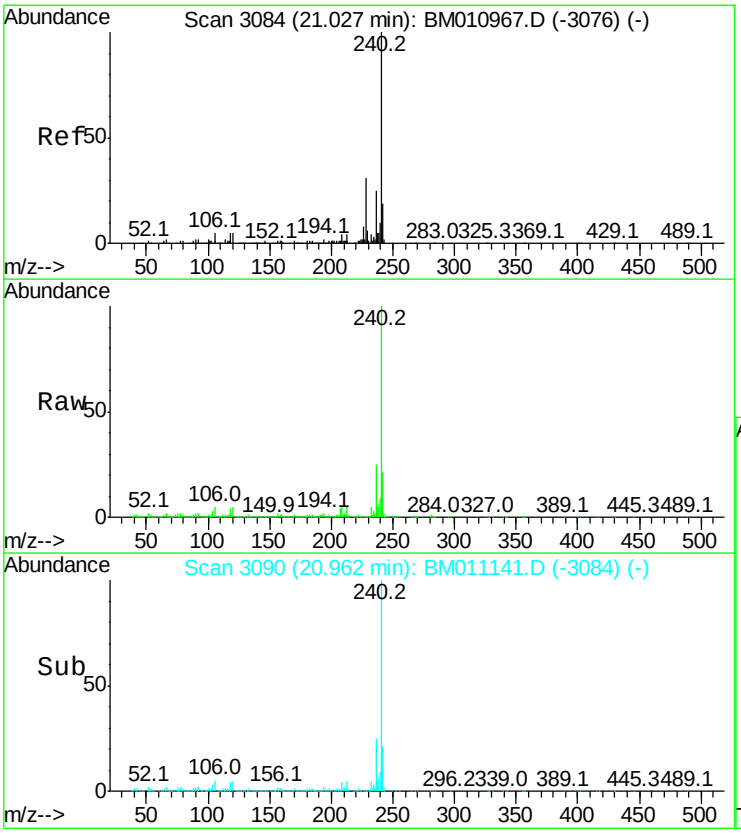
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion:188 Resp: 1353395

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	8.7	9.3	13.9#

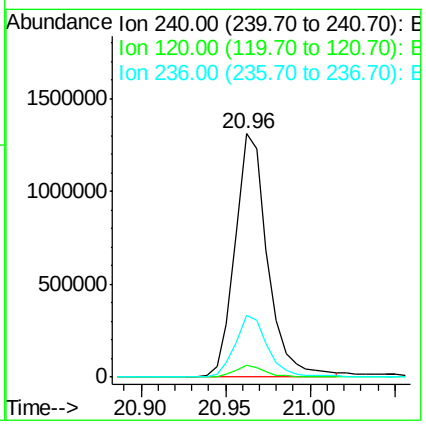


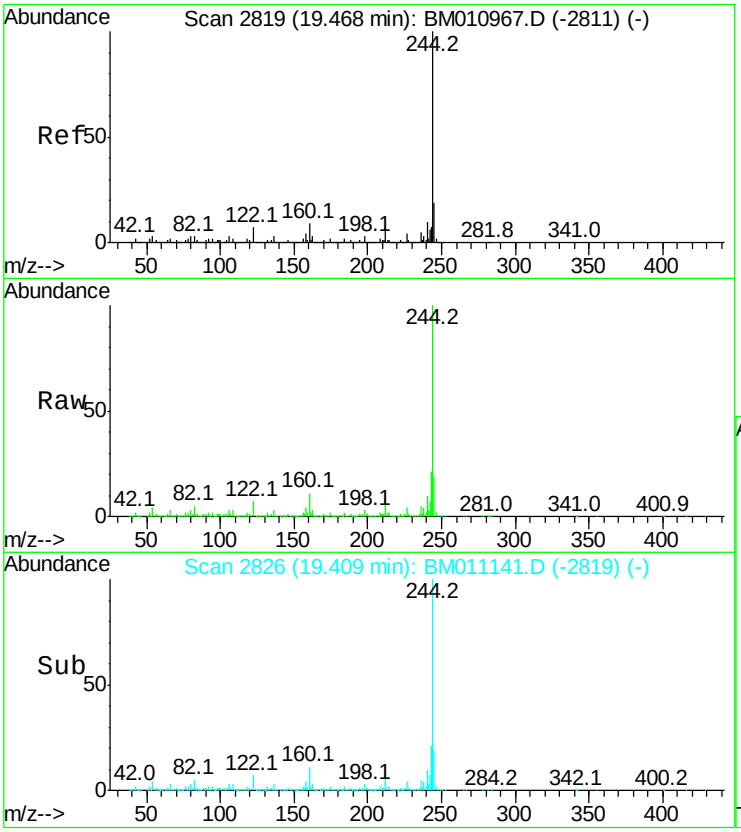


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:240 Resp: 1760328

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	25.3	20.0	30.0



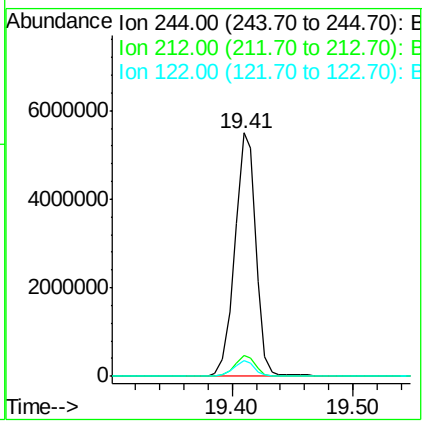


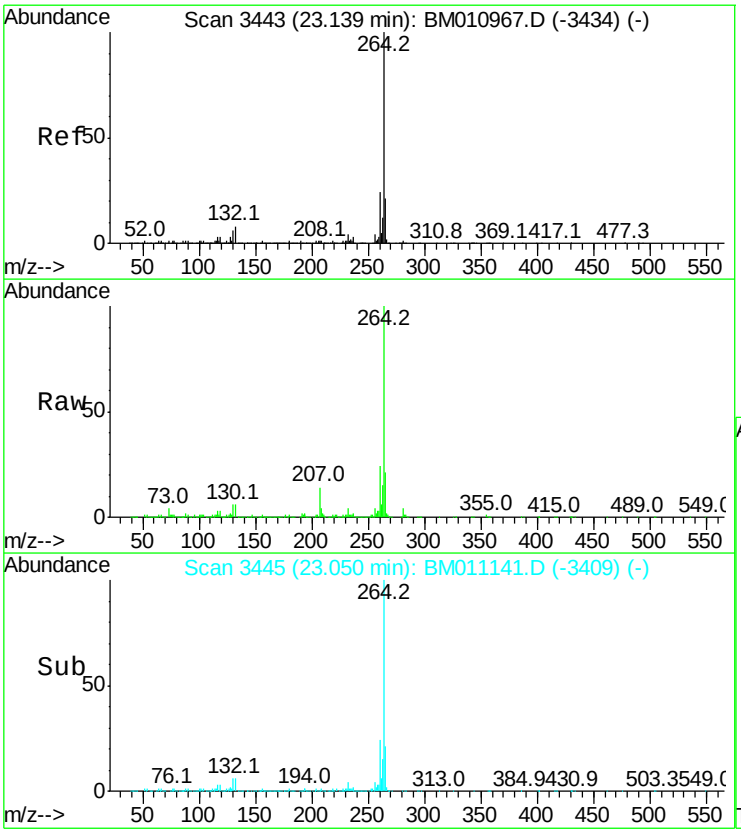
#78
Terphenyl-d14
Concen: 75.435 ng
RT: 19.41 min Scan# 2826
Delta R.T. -0.06 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-A

Tgt Ion:244 Resp: 6703634

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011141.D
Acq: 05 Aug 2017 14:30

Tgt Ion:264 Resp: 1593421

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.9	17.3	25.9