Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011083.D
Acq On : 01 Aug 2017 15:37
Operator : SJ/JU
Sample : I4488-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-072717-E

Quant Time: Aug 01 16:32:48 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	203427	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	760035	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	471839	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1122188	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	982217	20.00	ng	-0.01
86) Perylene-d12	23.13	264	565973	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1539811	127.96	ng	0.00
7) Phenol-d6	6.58	99	2016609	117.94	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1938099	95.71	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	1028071	135.94	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3585738	95.31	ng	-0.01
78) Terphenyl-d14	19.46	244	4671164	94.20	ng	0.00

Target Compounds	Qvalue

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

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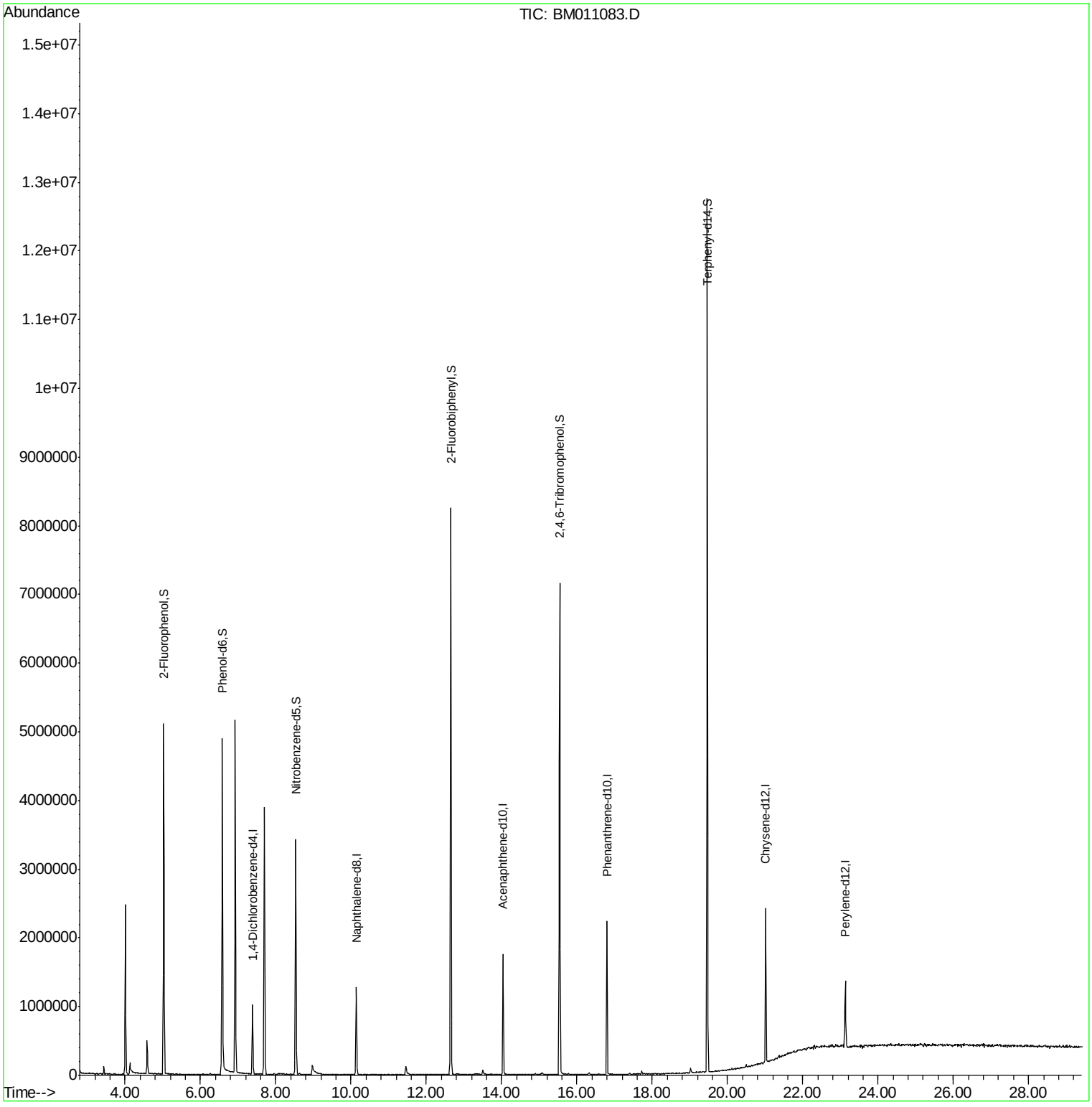
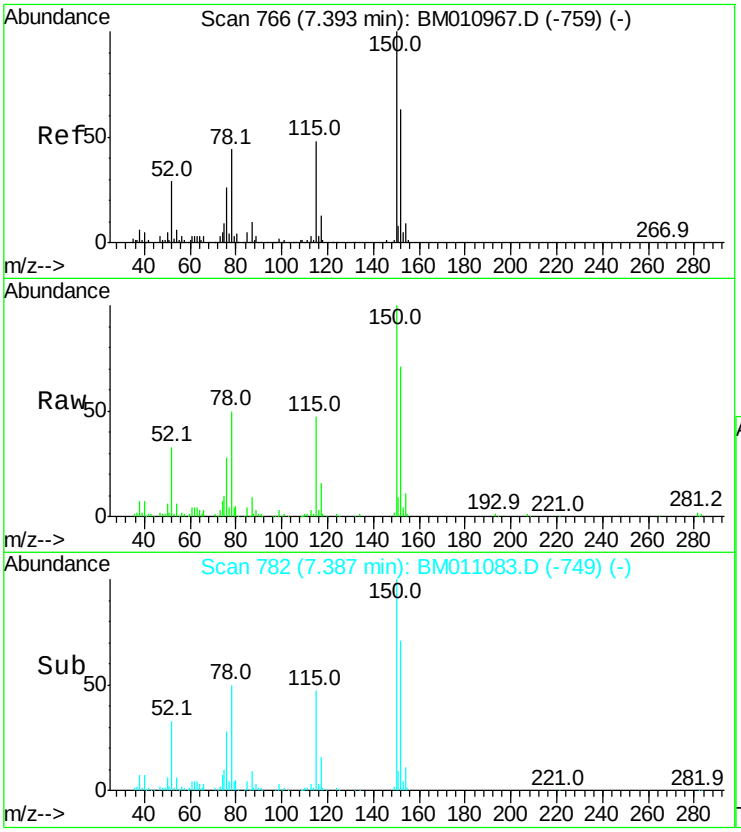


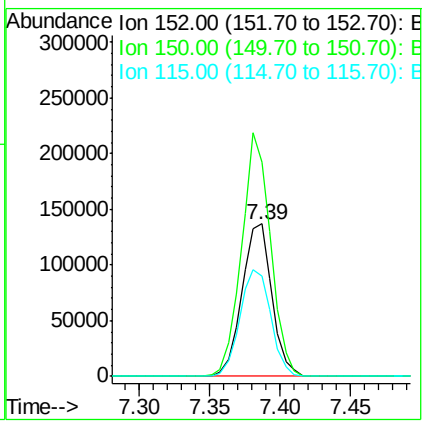


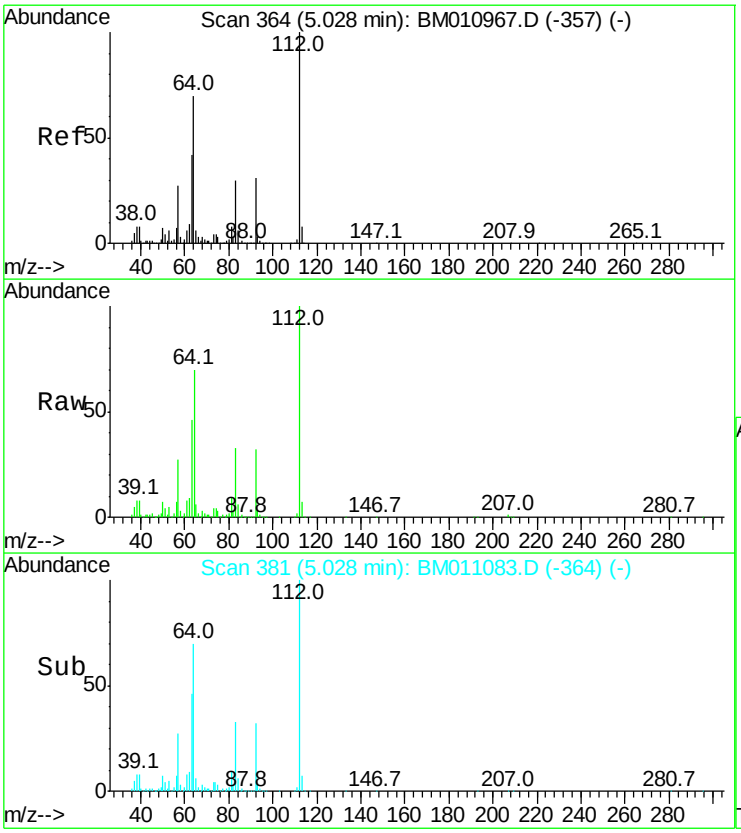
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion:152 Resp: 203427

Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	66.1	43.0	64.4#

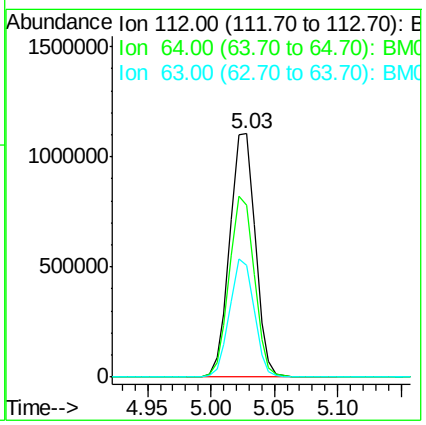


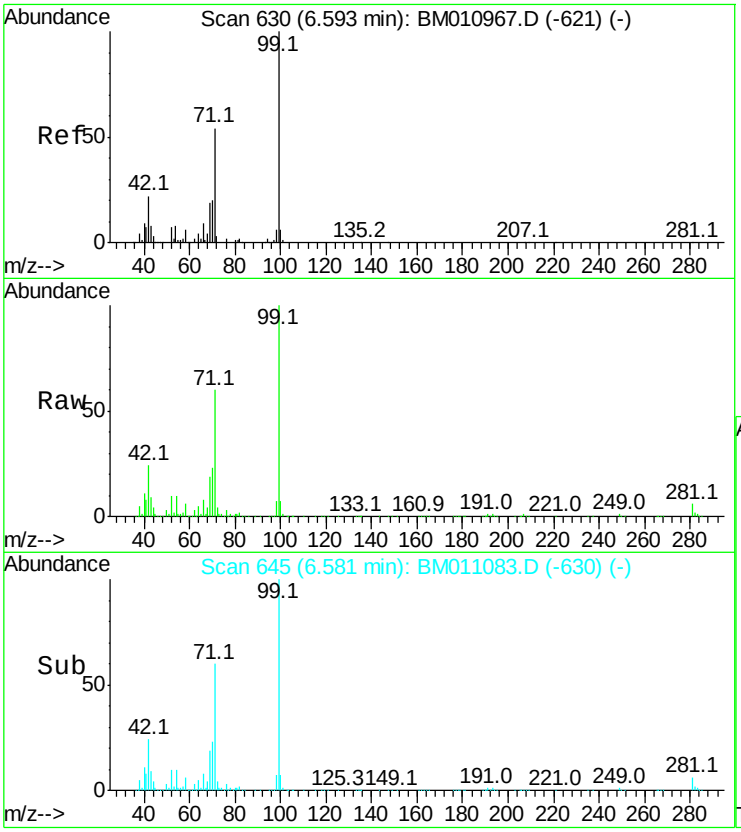


#5
2-Fluorophenol
Concen: 127.955 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:112 Resp: 1539811

Ion	Ratio	Lower	Upper
112	100		
64	70.5	38.6	57.8#
63	46.0	19.3	28.9#



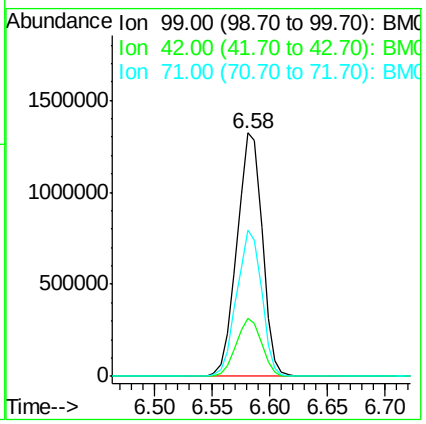


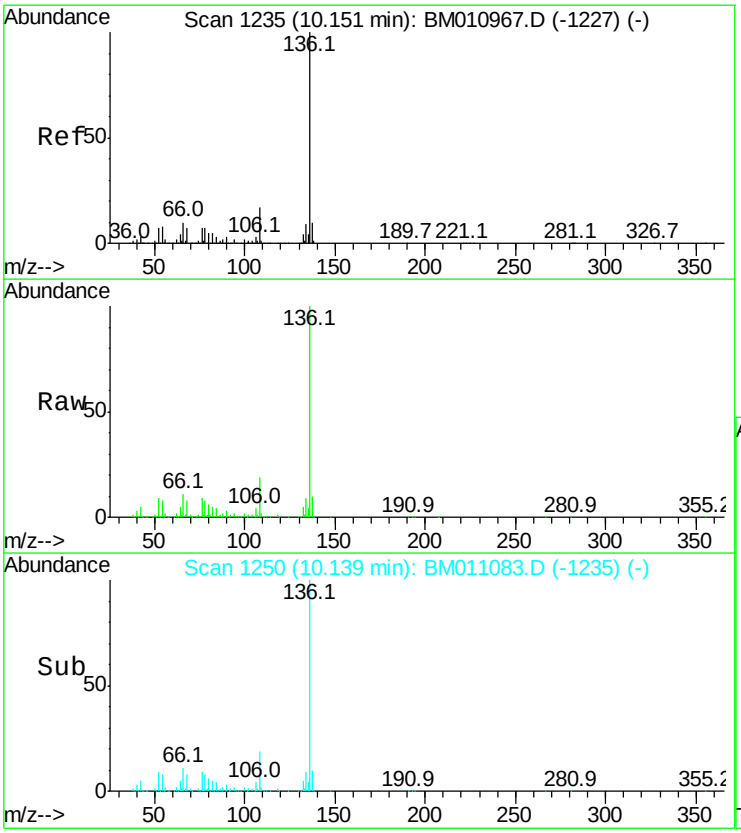
#7
Phenol-d6
Concen: 117.944 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion: 99 Resp: 2016609

Ion	Ratio	Lower	Upper
99	100		
42	23.9	11.0	16.4#
71	60.3	23.4	35.2#

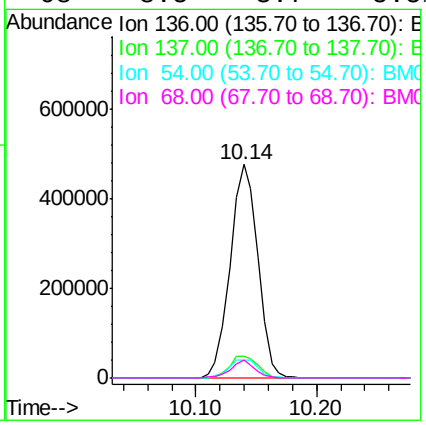


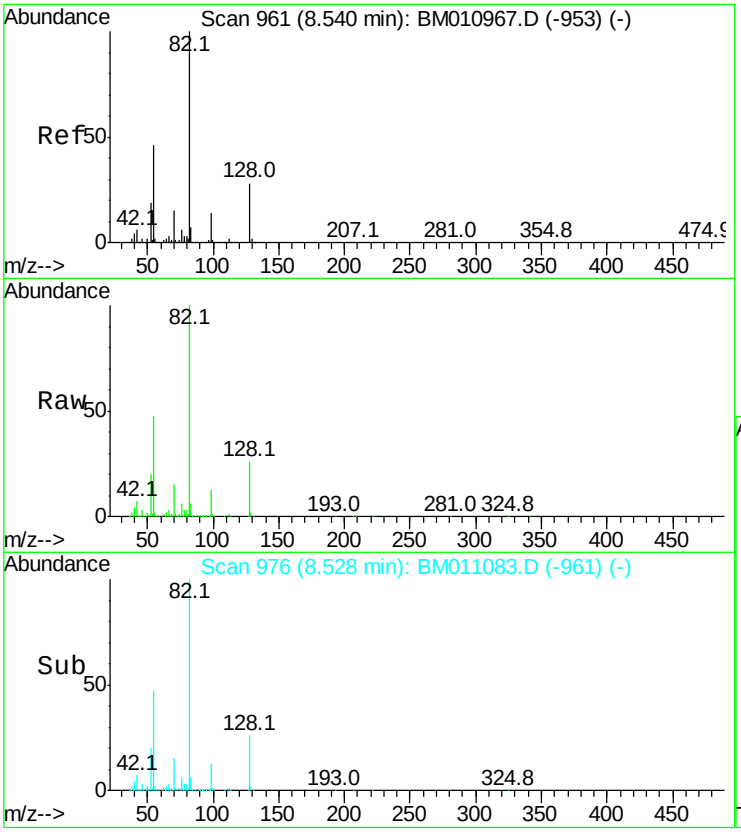


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:136 Resp: 760035

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.3	4.6	6.8#
68	8.5	3.7	5.5#



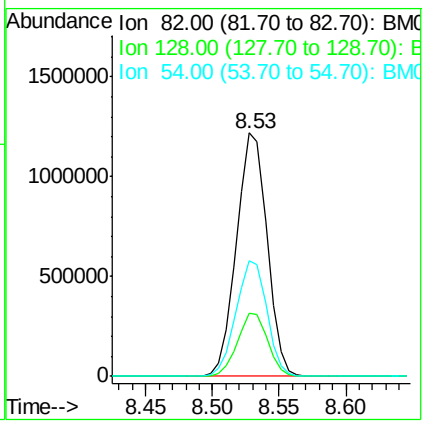


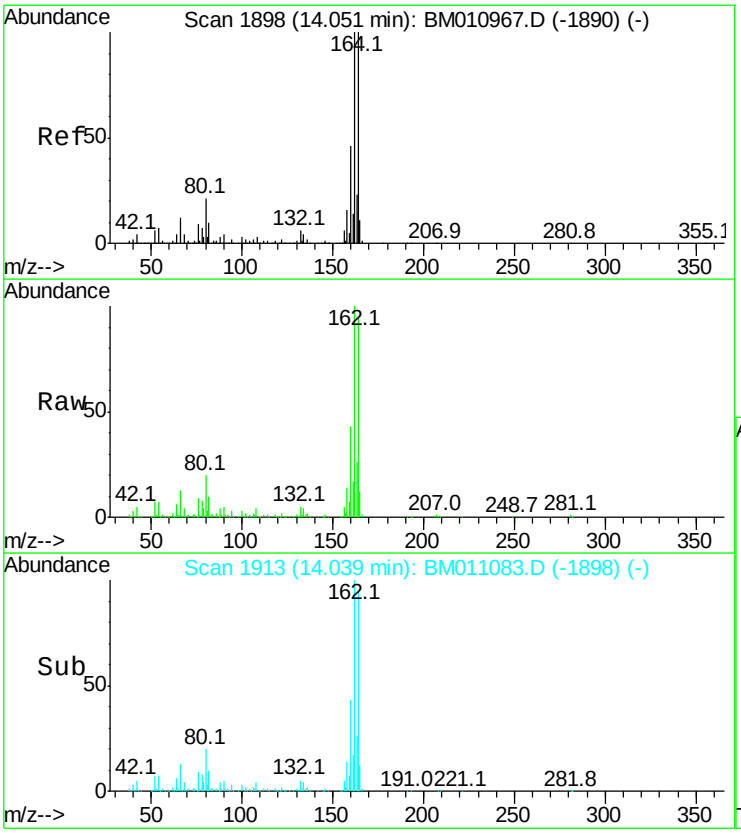
#23
Nitrobenzene-d5
Concen: 95.706 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion: 82 Resp: 1938099

Ion	Ratio	Lower	Upper
82	100		
128	26.0	32.8	49.2#
54	47.2	40.6	60.8

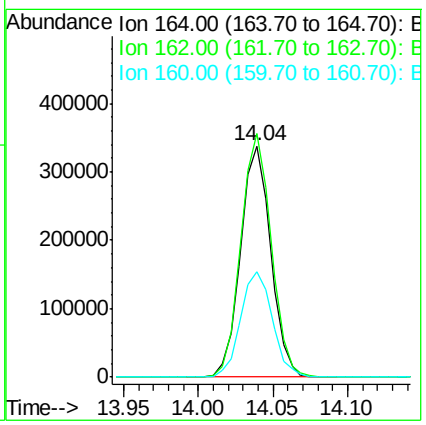


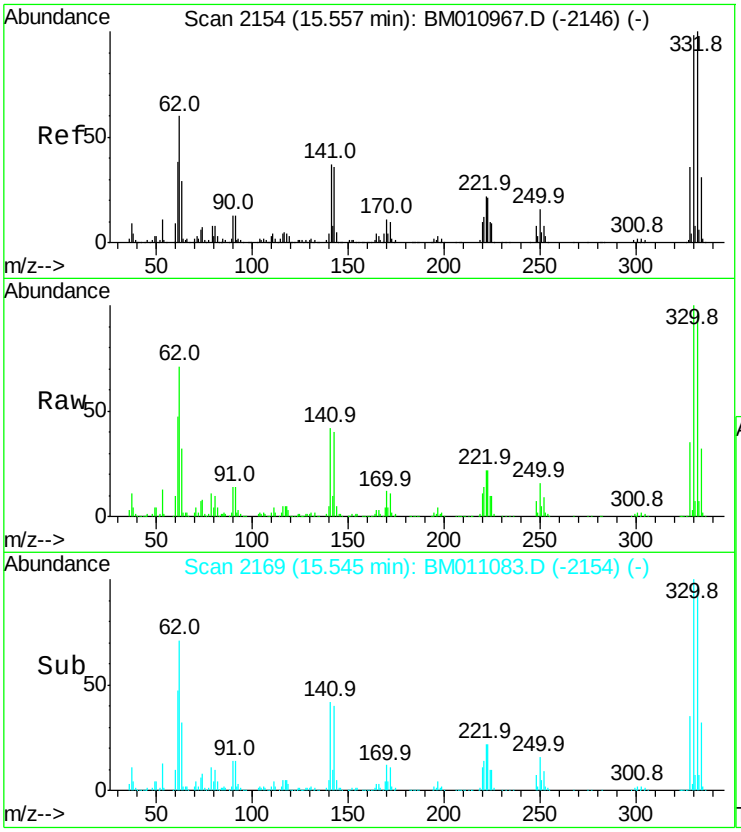


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:164 Resp: 471839

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	45.6	35.8	53.6



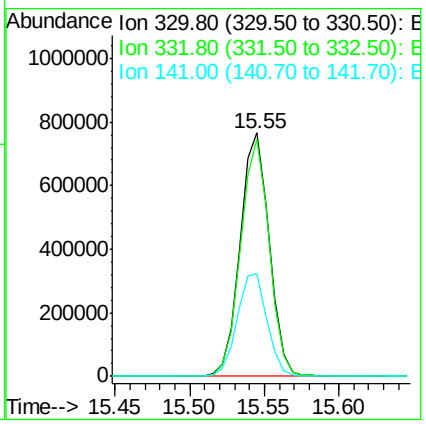


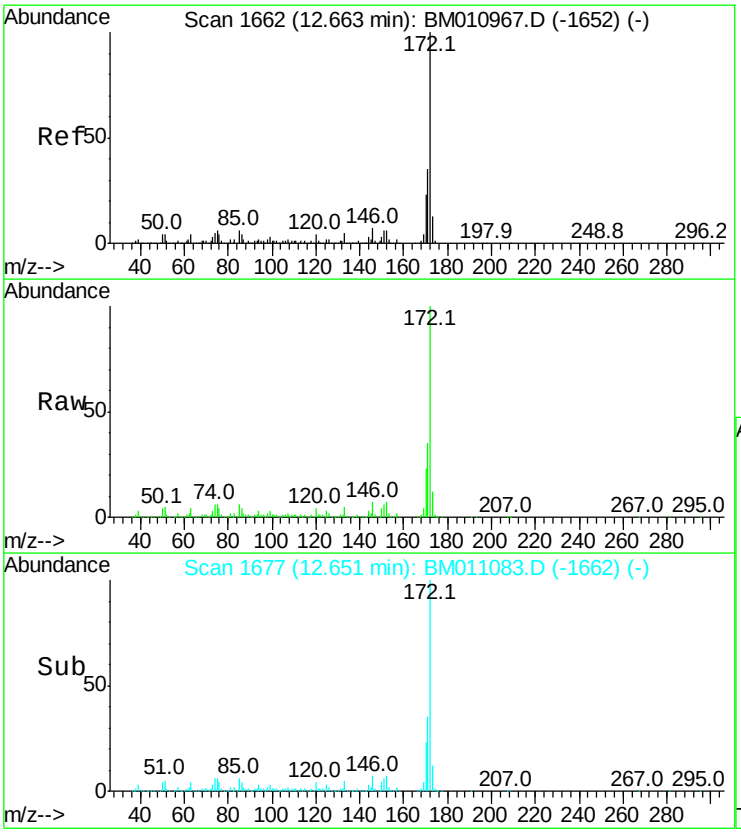
#41
2,4,6-Tribromophenol
Concen: 135.942 ng
RT: 15.55 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion:330 Resp: 1028071

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	43.4	0.0	0.0#

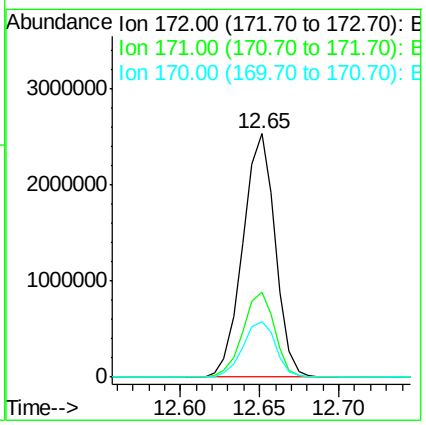


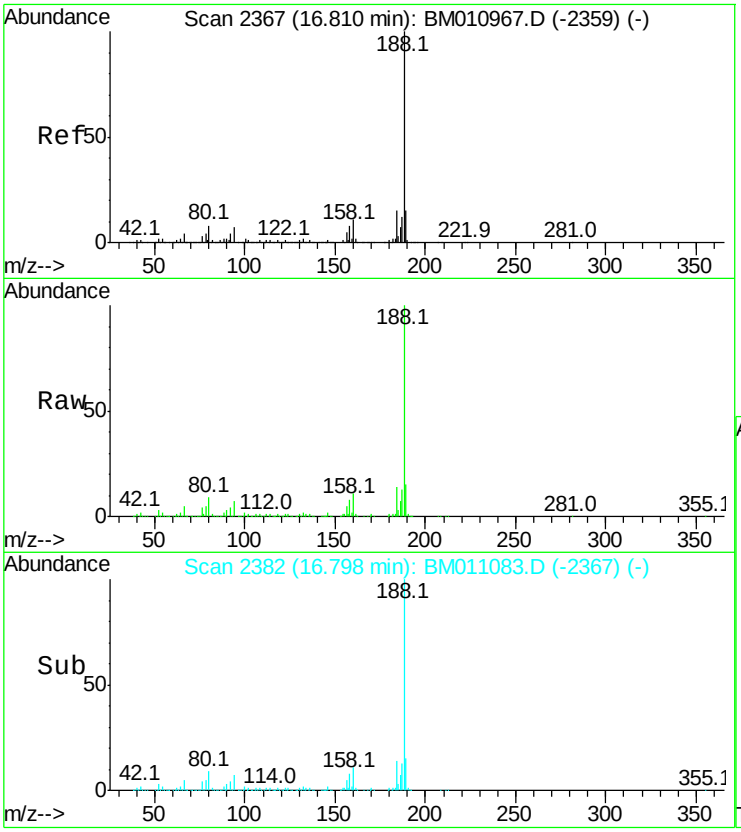


#44
2-Fluorobiphenyl
Concen: 95.308 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:172 Resp: 3585738

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.9	18.8	28.2



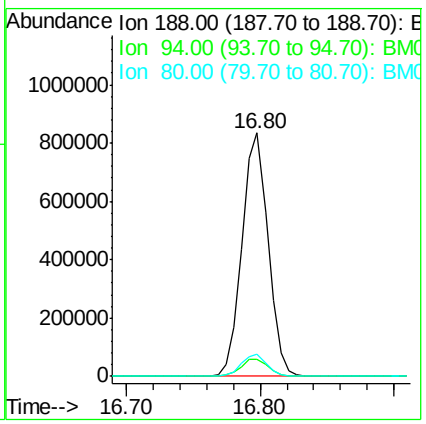


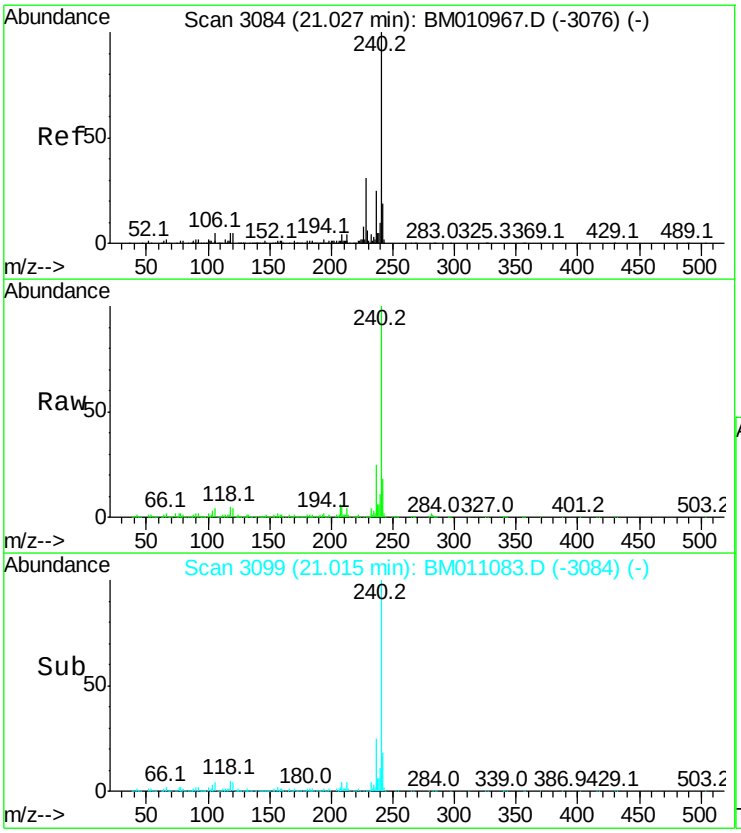
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion:188 Resp: 1122188

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	9.2	9.3	13.9#

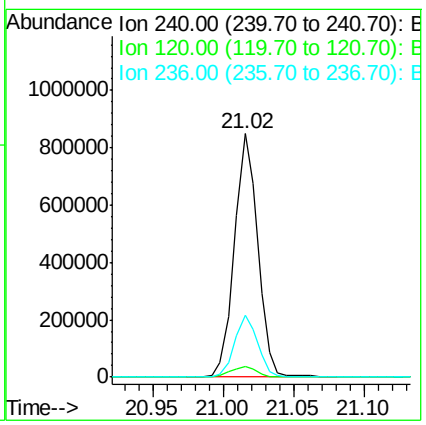


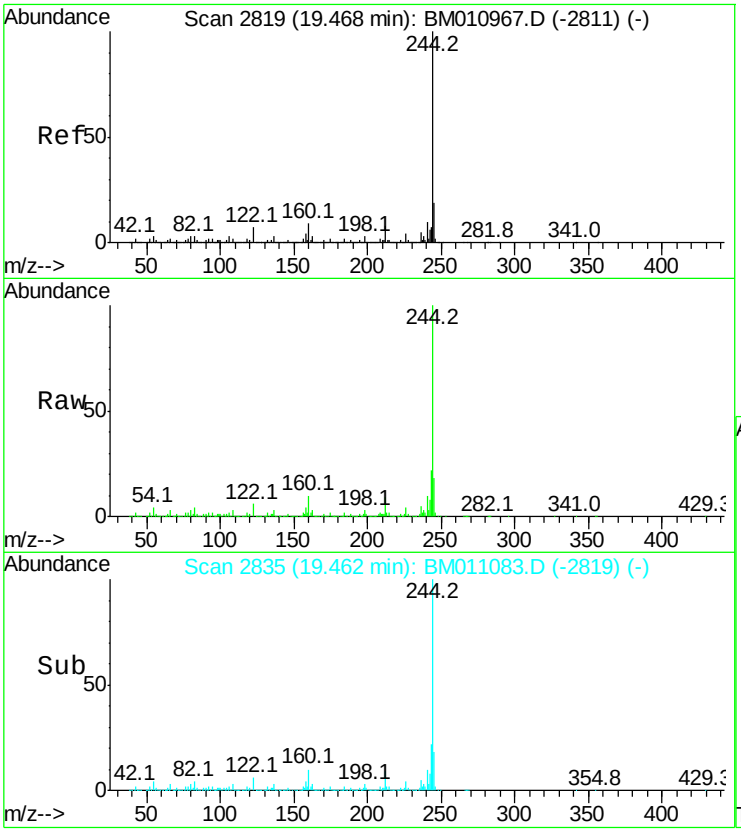


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:240 Resp: 982217

Ion	Ratio	Lower	Upper
240	100		
120	4.2	8.2	12.2#
236	25.4	20.0	30.0



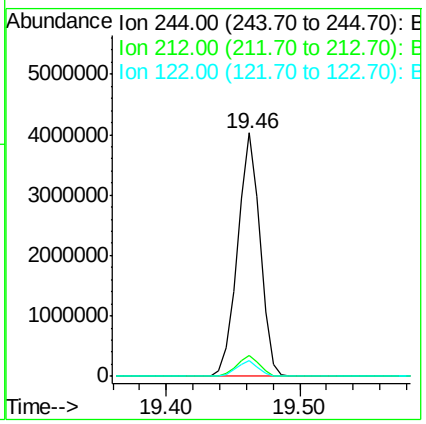


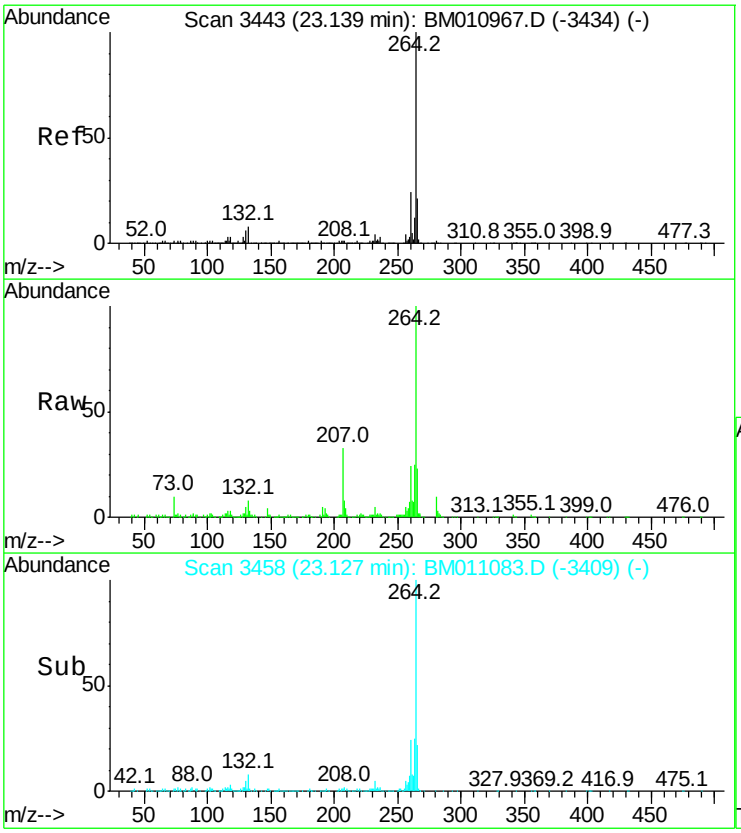
#78
Terphenyl-d14
Concen: 94.205 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tgt Ion:244 Resp: 4671164

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	6.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion:264 Resp: 565973

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.5	17.3	25.9