Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM081917\
Data File : BM011319.D
Acq On : 19 Aug 2017 15:39
Operator : SJ/JU
Sample : I4879-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 6706-AA-081717RE

Quant Time: Aug 21 13:36:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	125484	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	437882	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	174179	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	628949	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	522181	20.00	ng	-0.02
86) Perylene-d12	22.99	264	51240	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	672249	90.56	ng	-0.02
7) Phenol-d6	6.47	99	681447	64.61	ng	-0.02
23) Nitrobenzene-d5	8.42	82	928769	79.61	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	369972	132.52	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1393228	100.32	ng	-0.02
78) Terphenyl-d14	19.37	244	2293383	87.00	ng	-0.02
Target Compounds						Qvalue

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

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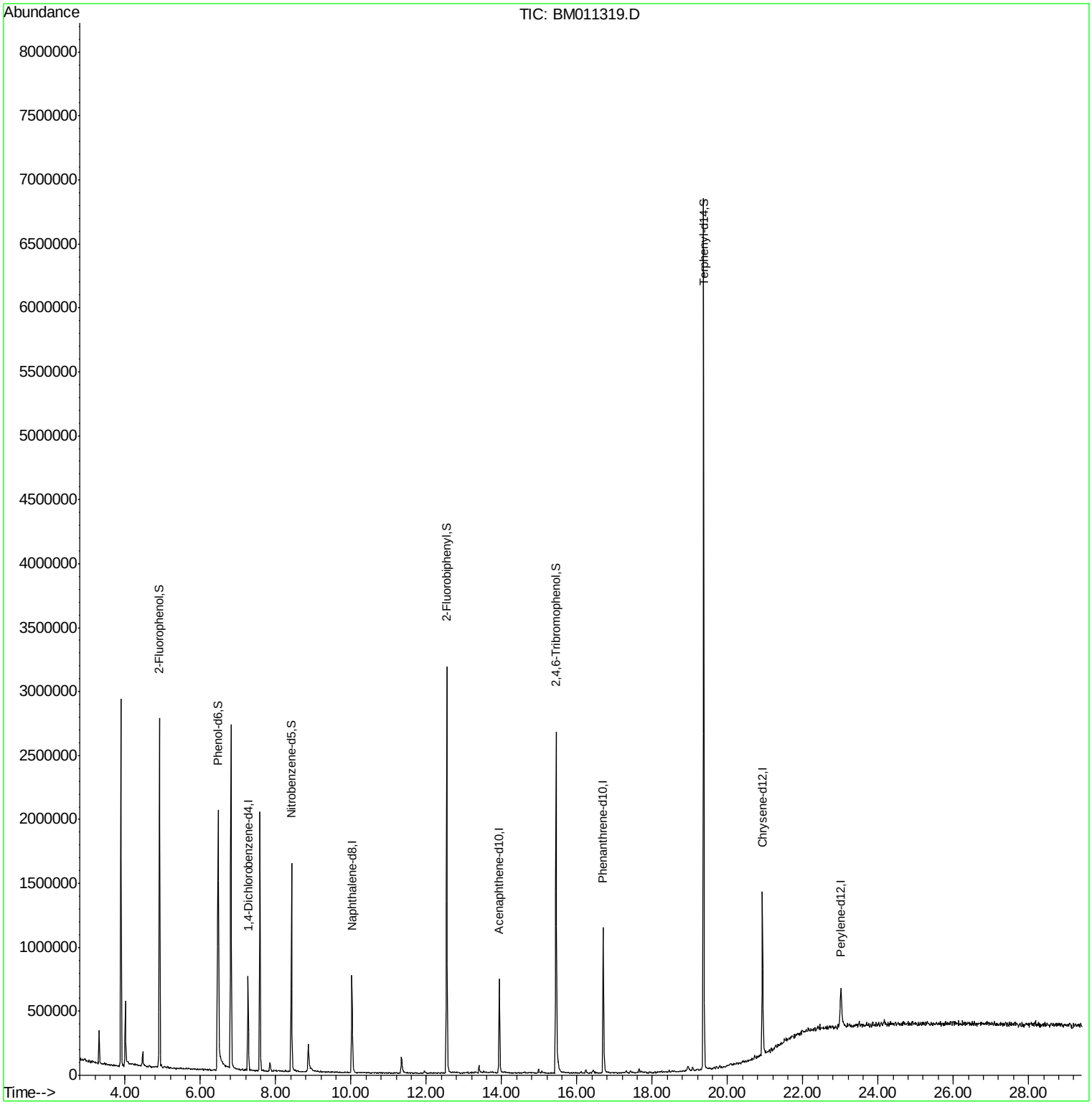
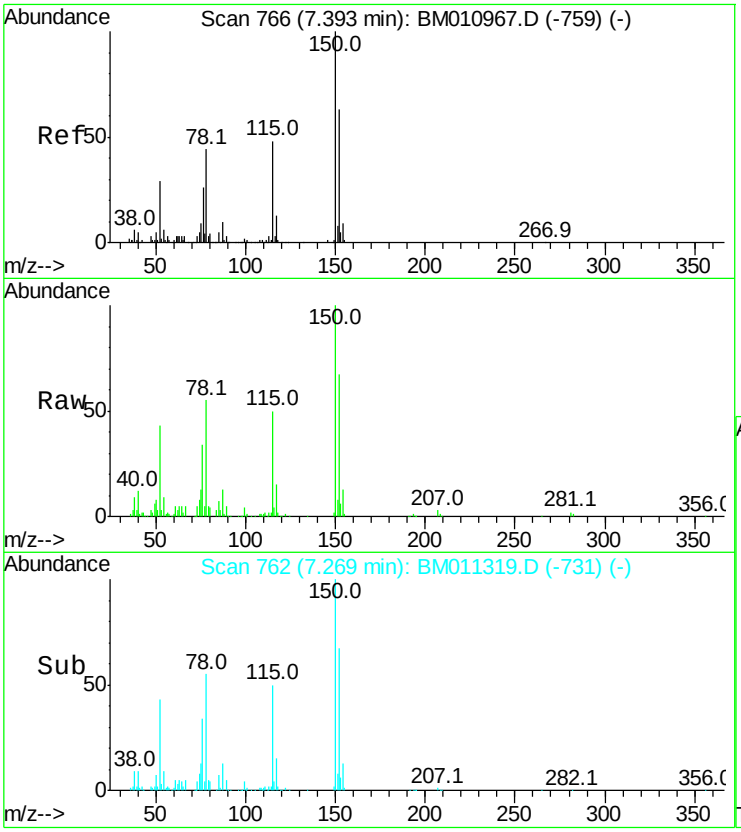


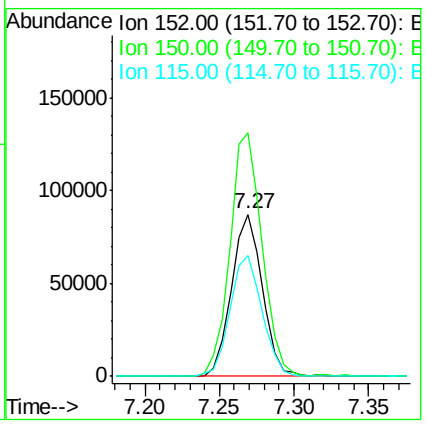


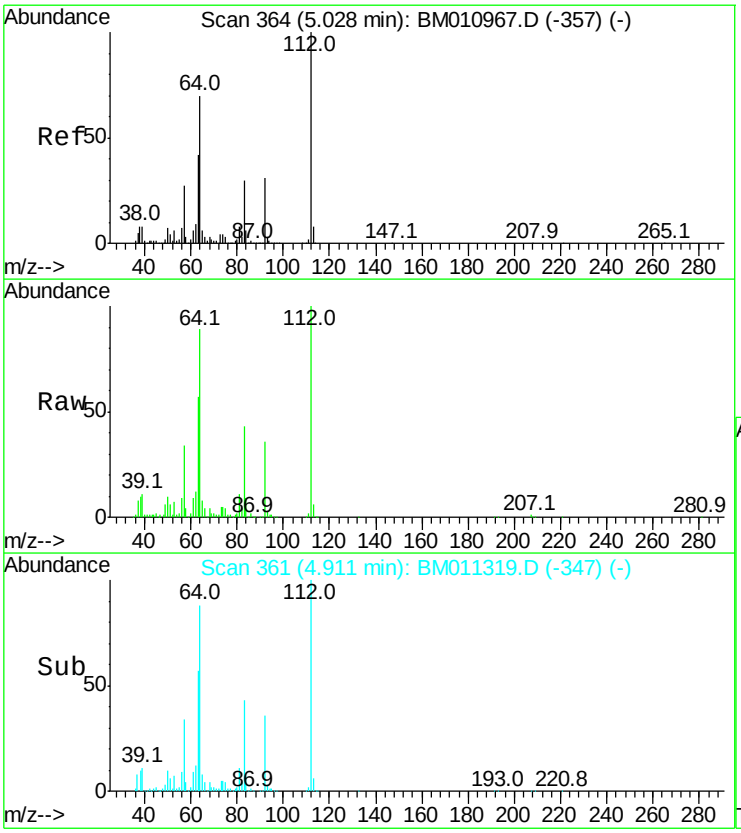
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion:152 Resp: 125484

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	74.7	43.0	64.4#

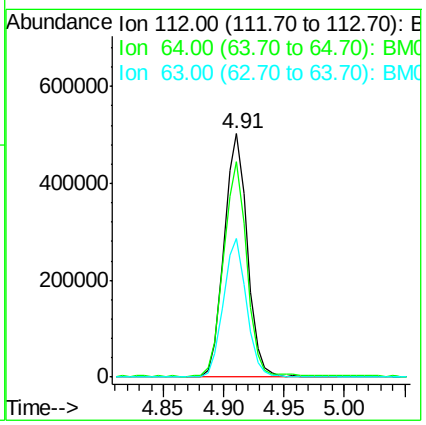


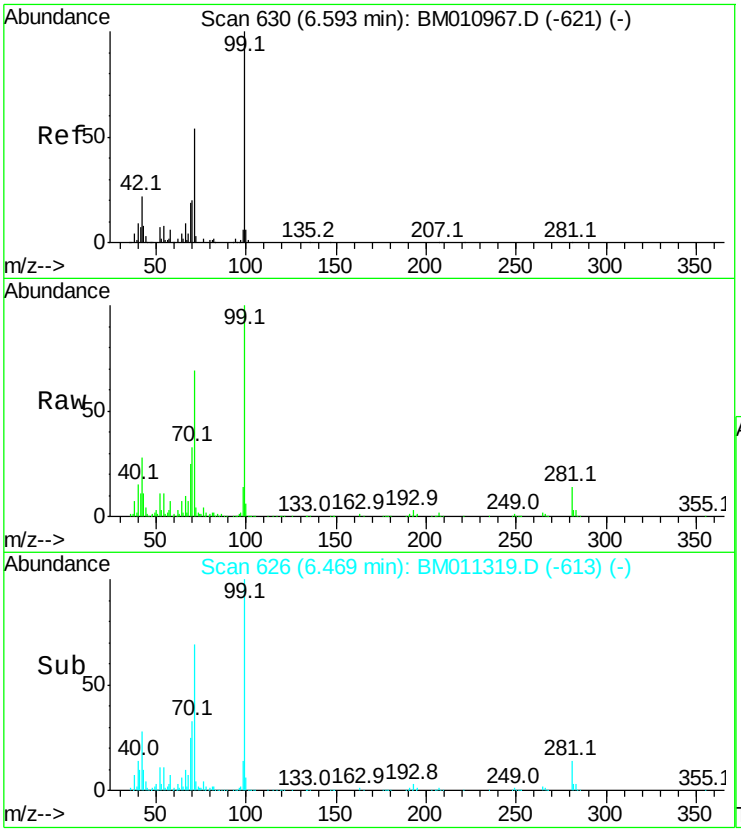


#5
2-Fluorophenol
Concen: 90.561 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:112 Resp: 672249

Ion	Ratio	Lower	Upper
112	100		
64	88.5	38.6	57.8#
63	56.9	19.3	28.9#



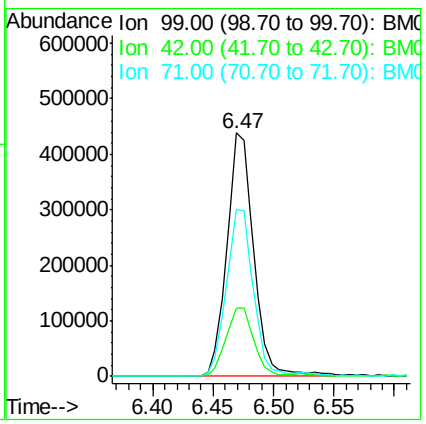


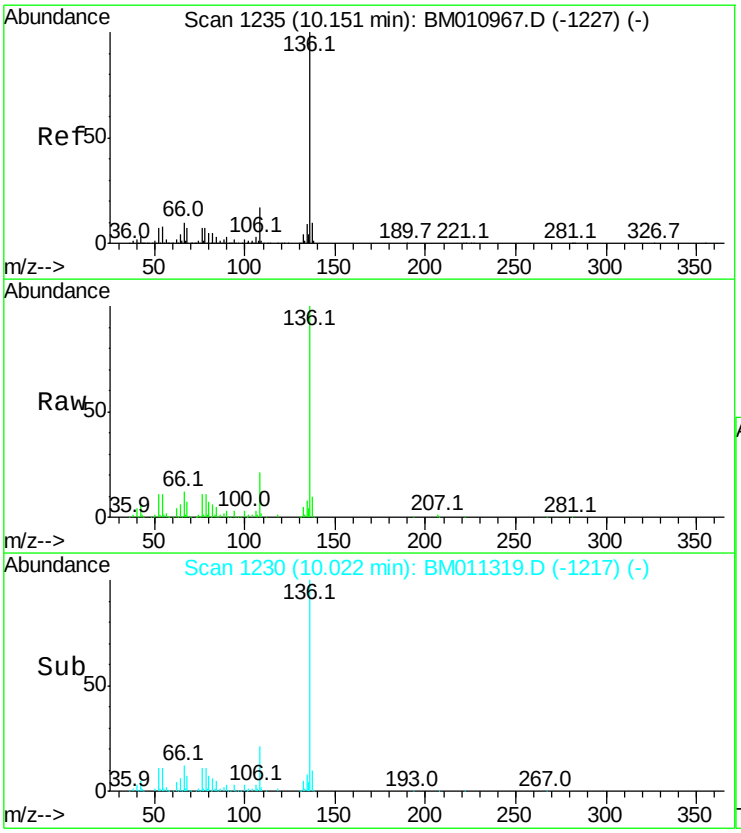
#7
Phenol-d6
Concen: 64.611 ng
RT: 6.47 min Scan# 626
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion: 99 Resp: 681447

Ion	Ratio	Lower	Upper
99	100		
42	28.1	11.0	16.4#
71	68.8	23.4	35.2#

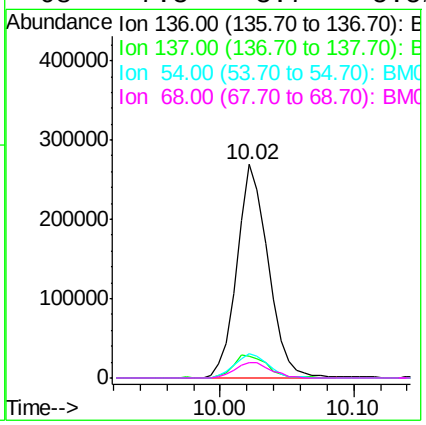


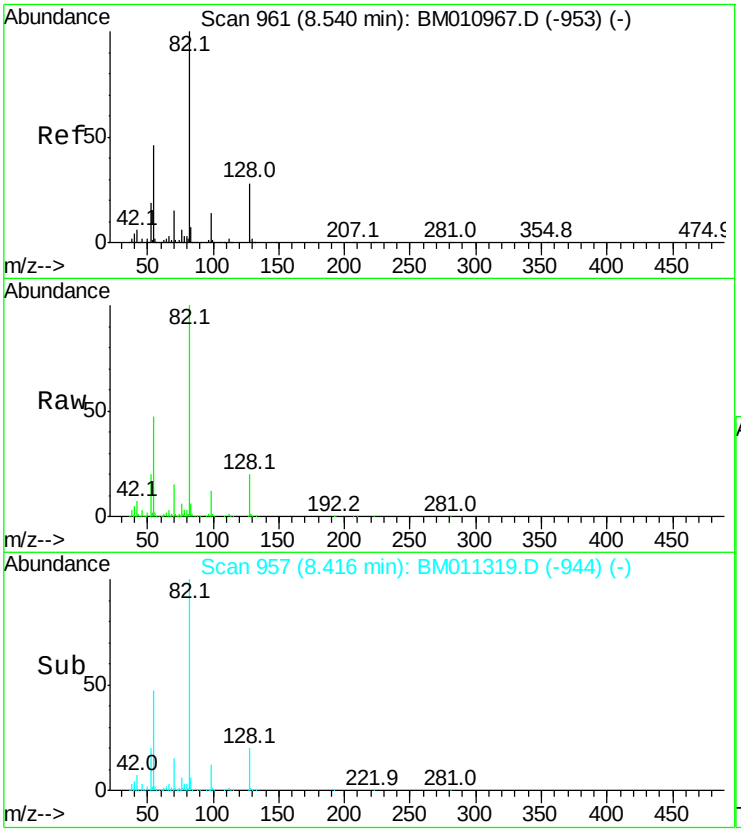


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:136 Resp: 437882

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	11.3	4.6	6.8#
68	7.3	3.7	5.5#



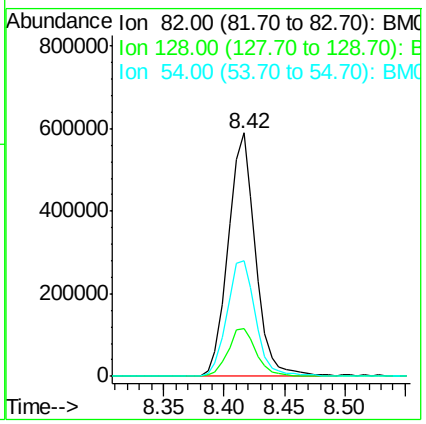


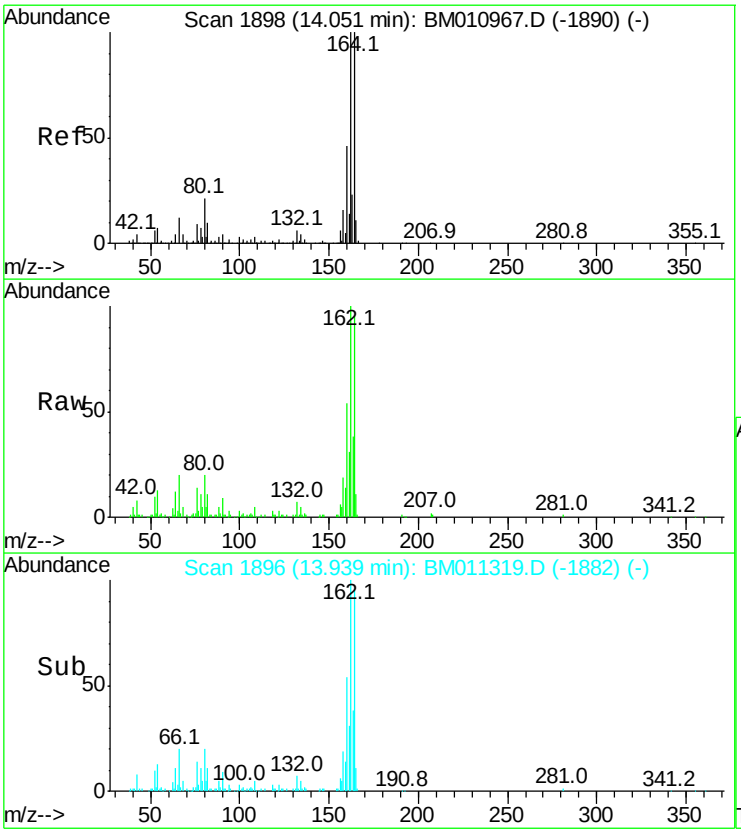
#23
Nitrobenzene-d5
Concen: 79.606 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion: 82 Resp: 928769

Ion	Ratio	Lower	Upper
82	100		
128	19.8	32.8	49.2#
54	47.4	40.6	60.8

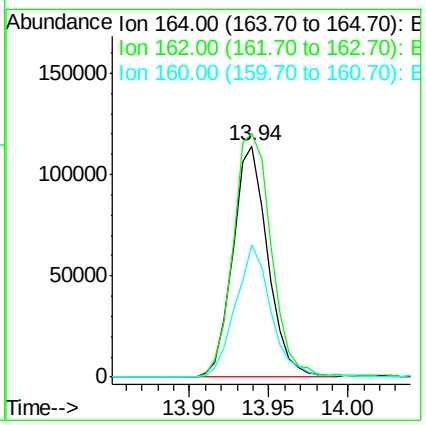


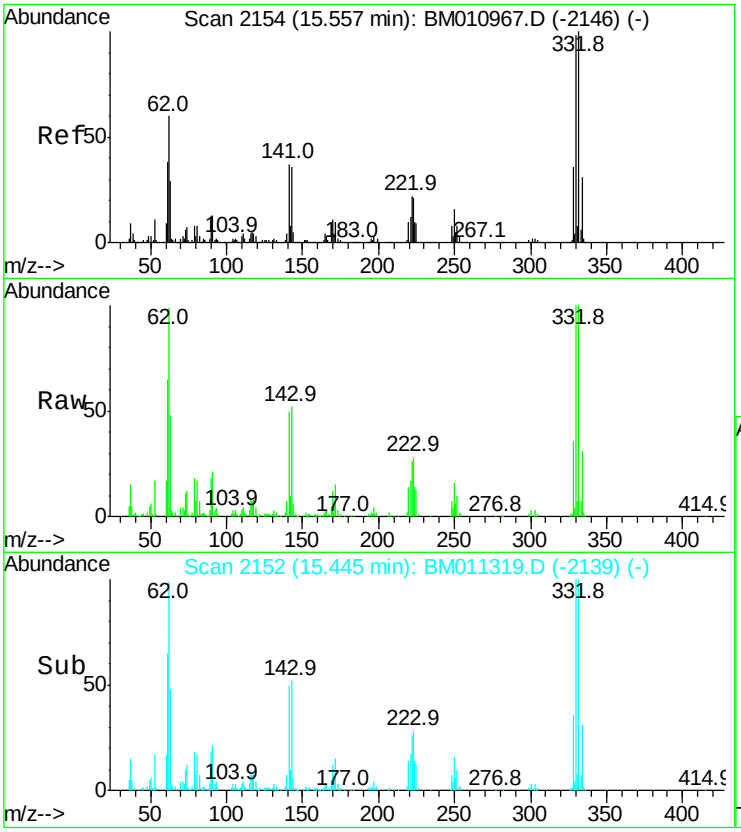


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:164 Resp: 174179

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	57.3	35.8	53.6#



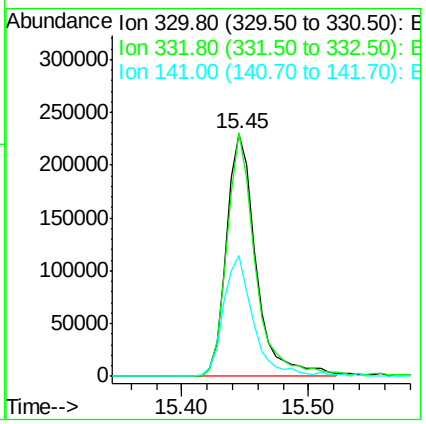


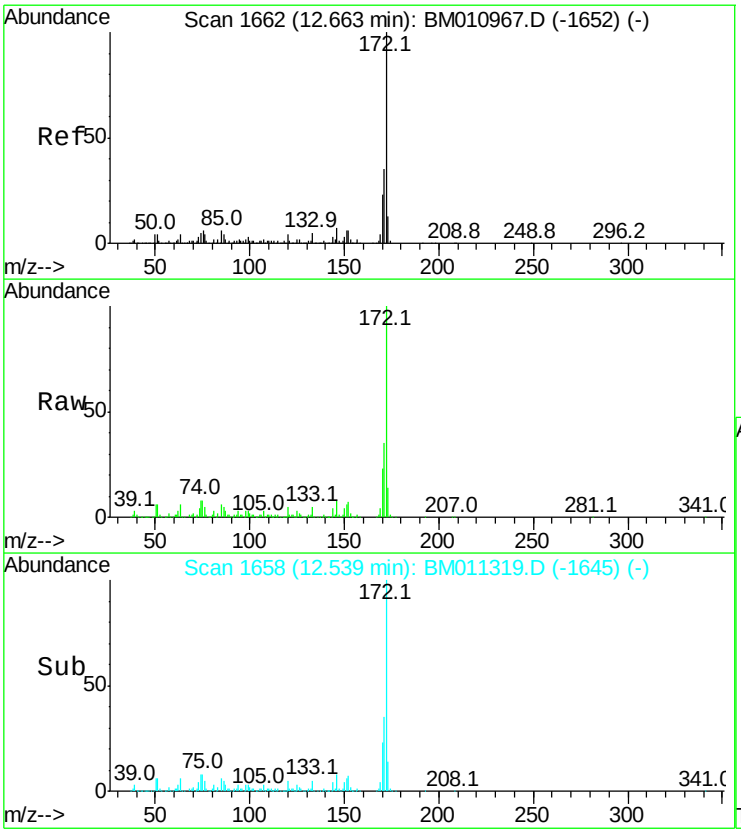
#41
2,4,6-Tribromophenol
Concen: 132.525 ng
RT: 15.45 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion:330 Resp: 369972

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	49.4	0.0	0.0#

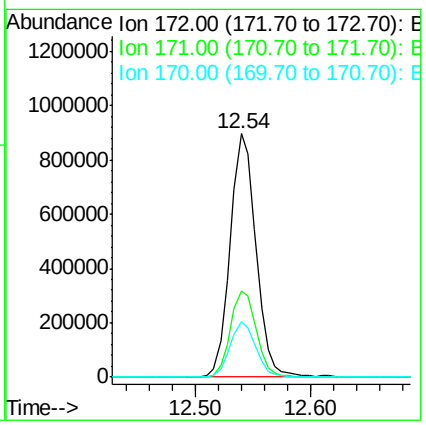


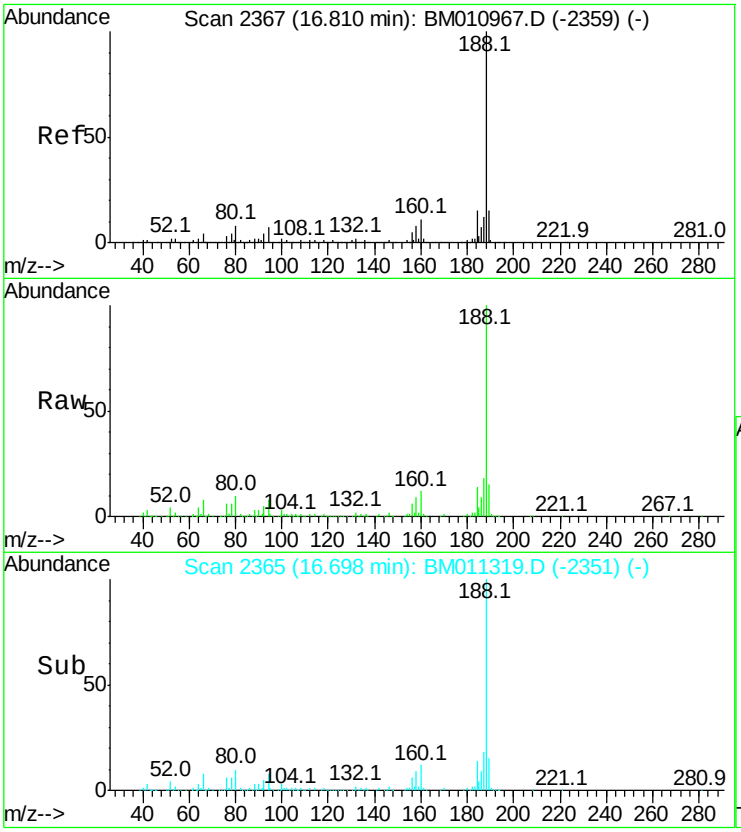


#44
2-Fluorobiphenyl
Concen: 100.316 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:172 Resp: 1393228

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.0	18.8	28.2



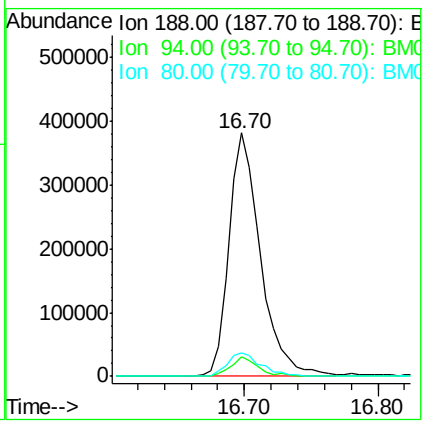


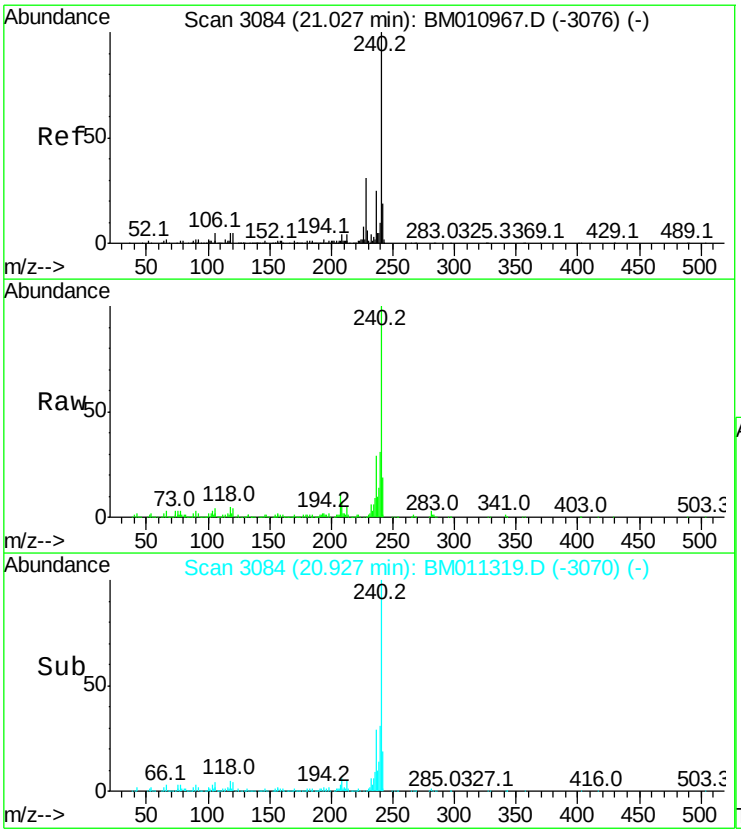
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion:188 Resp: 628949

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	9.6	9.3	13.9

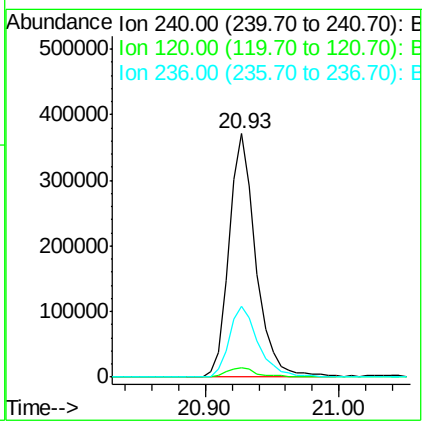


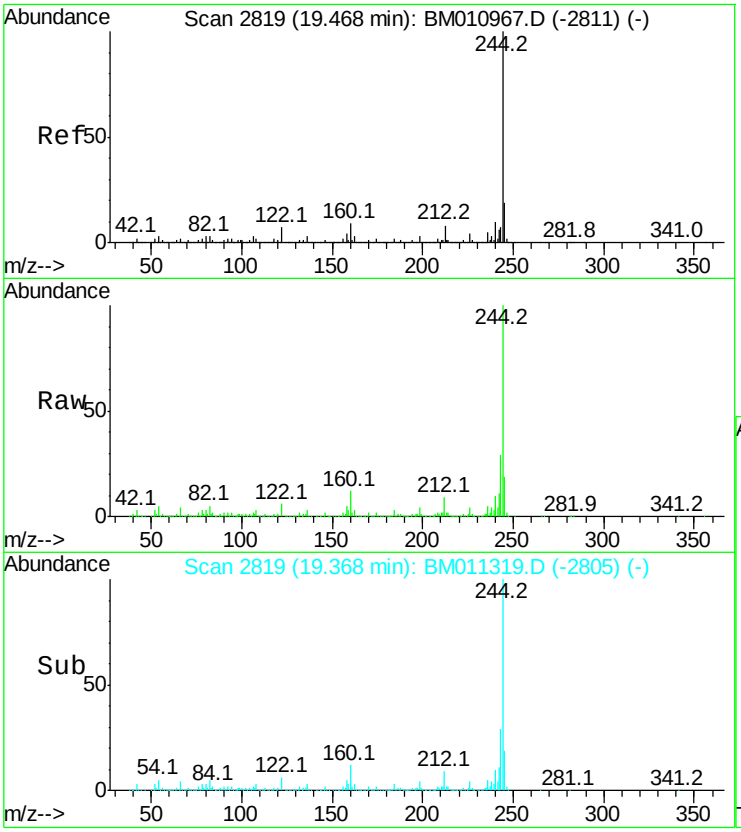


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:240 Resp: 522181

Ion	Ratio	Lower	Upper
240	100		
120	3.8	8.2	12.2#
236	29.3	20.0	30.0



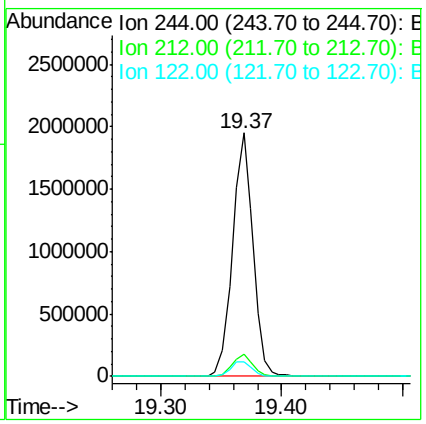


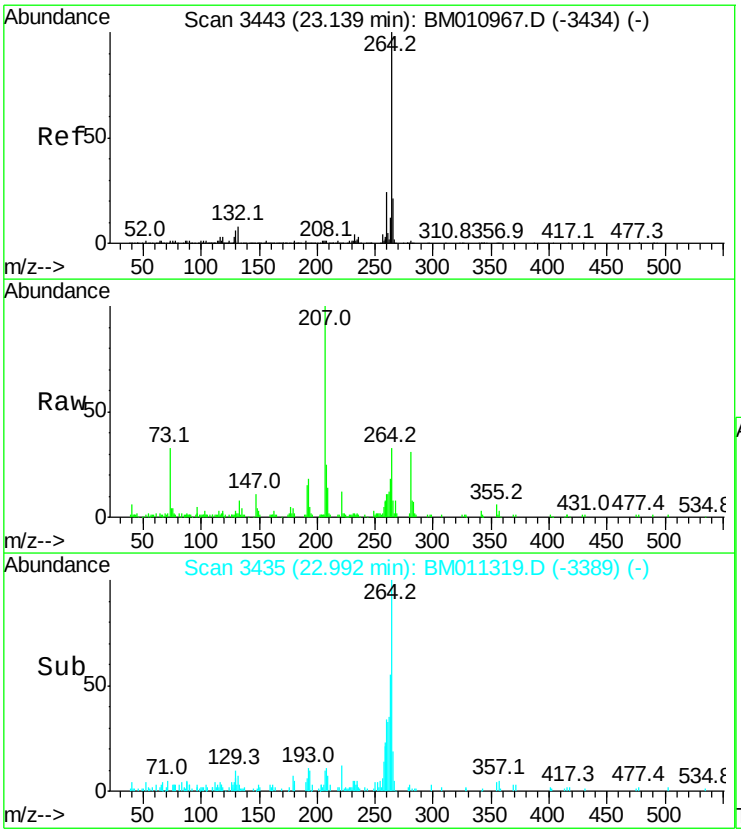
#78
Terphenyl-d14
Concen: 86.998 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717RE

Tgt Ion:244 Resp: 2293383

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	5.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011319.D
Acq: 19 Aug 2017 15:39

Tgt Ion:264 Resp: 51240

Ion	Ratio	Lower	Upper
264	100		
260	33.7	18.6	27.8#
265	25.3	17.3	25.9