Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
Data File : BM011241.D
Acq On : 15 Aug 2017 20:02
Operator : SJ/JU
Sample : I4755-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SA-06-081117-A

Quant Time: Aug 16 01:43:17 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 01:32:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	112506	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	371646	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	250822	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	606386	20.00	ng	0.00
75) Chrysene-d12	20.94	240	647334	20.00	ng	0.00
86) Perylene-d12	23.02	264	309905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	836547	125.69	ng	0.00
7) Phenol-d6	6.50	99	1052885	111.34	ng	0.00
23) Nitrobenzene-d5	8.44	82	1154494	116.59	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	519974	129.34	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1815442	90.77	ng	0.00
78) Terphenyl-d14	19.39	244	2924699	89.50	ng	0.00
Target Compounds						Qvalue

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

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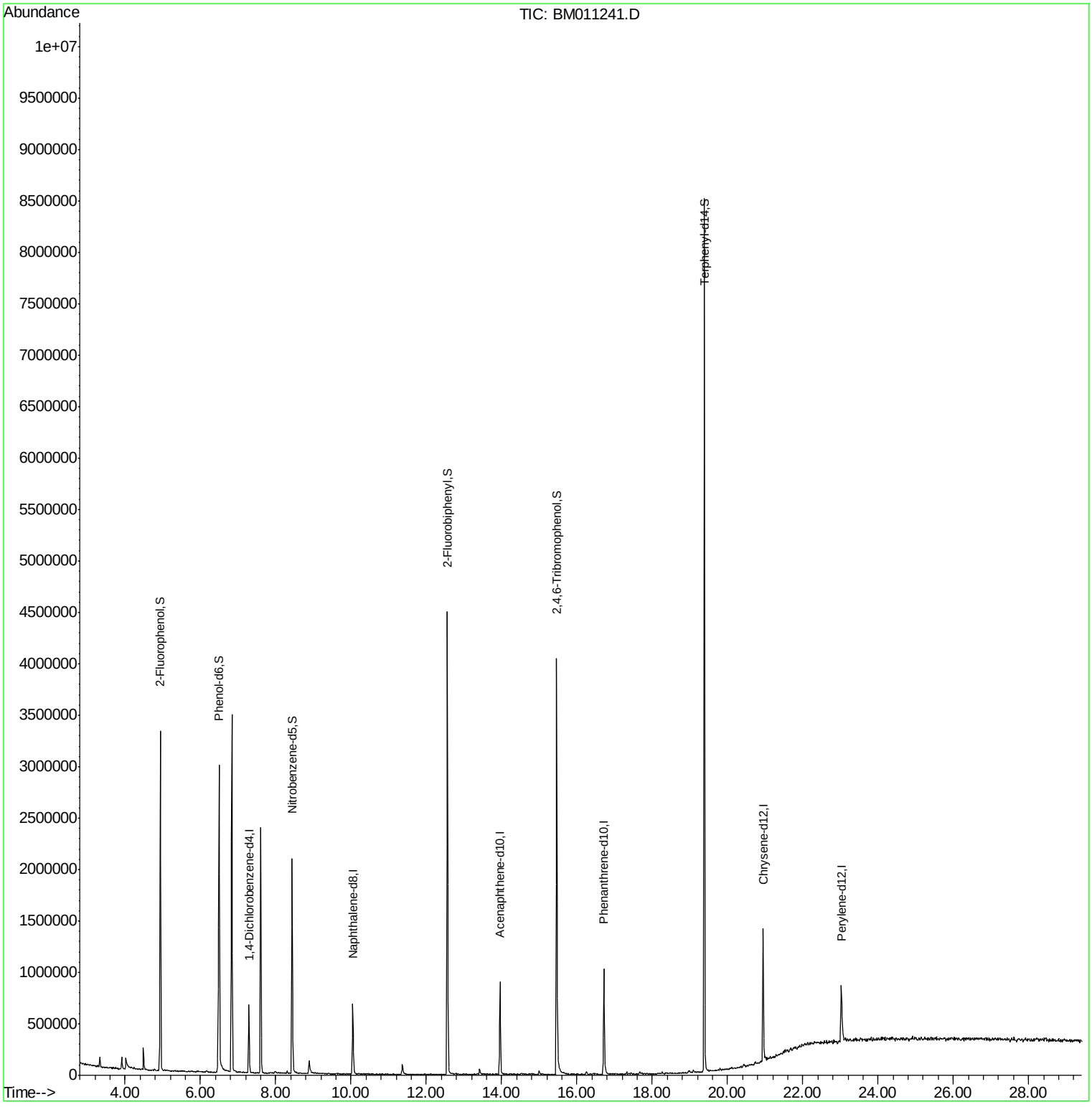
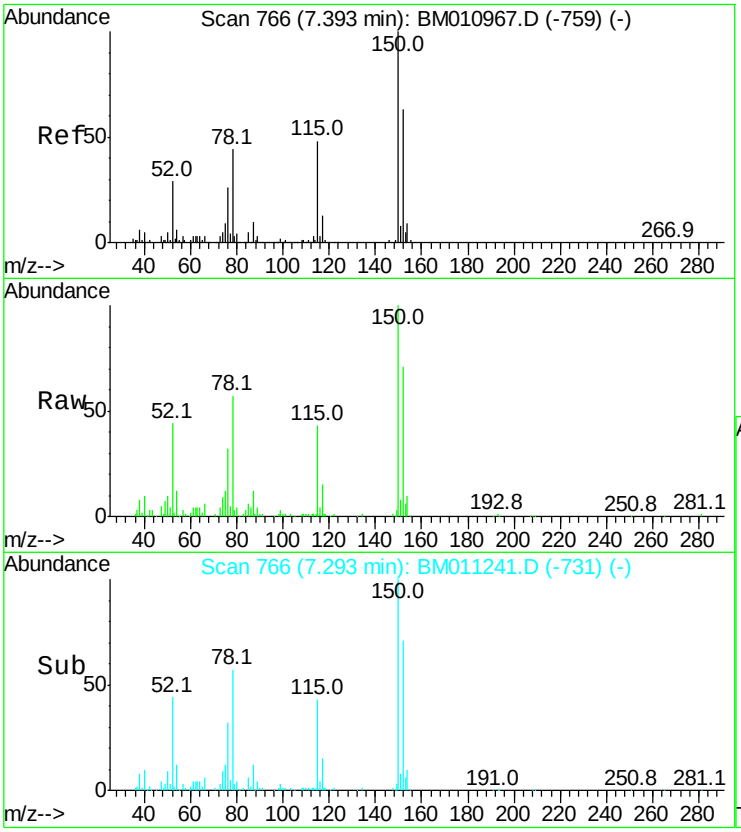


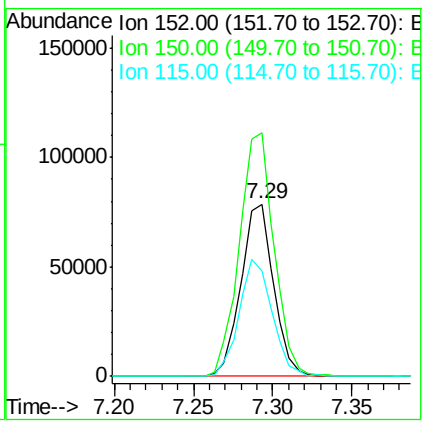


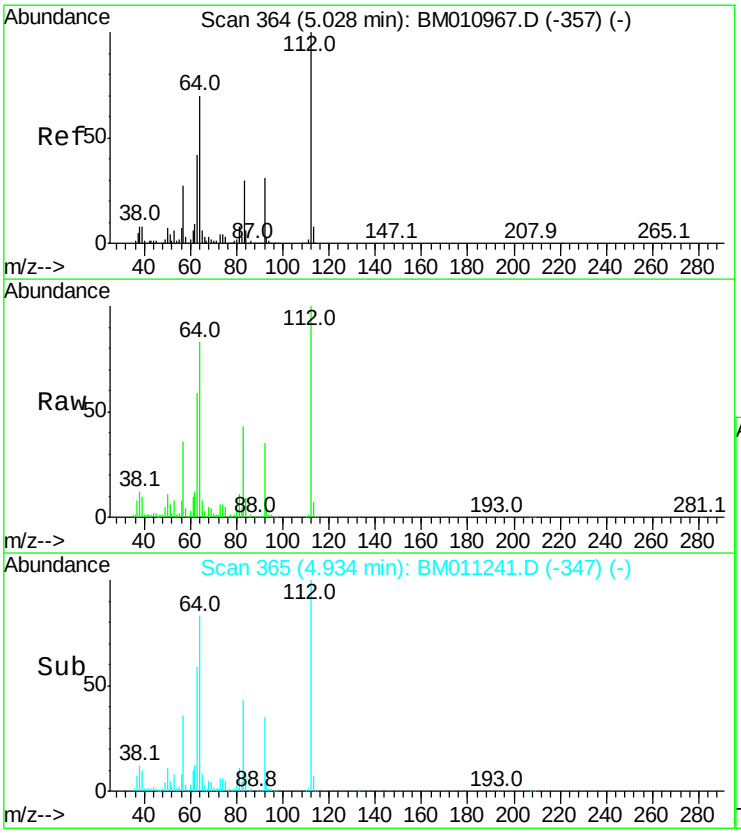
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tgt Ion:152 Resp: 112506

Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.5	179.3
115	60.9	43.0	64.4

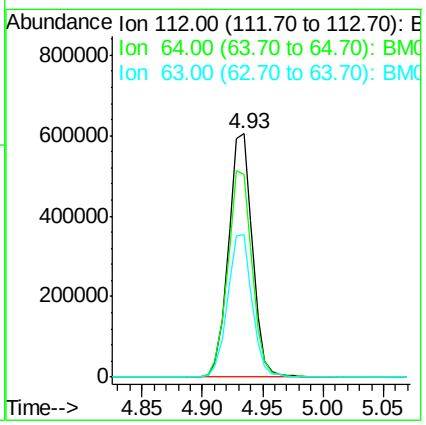


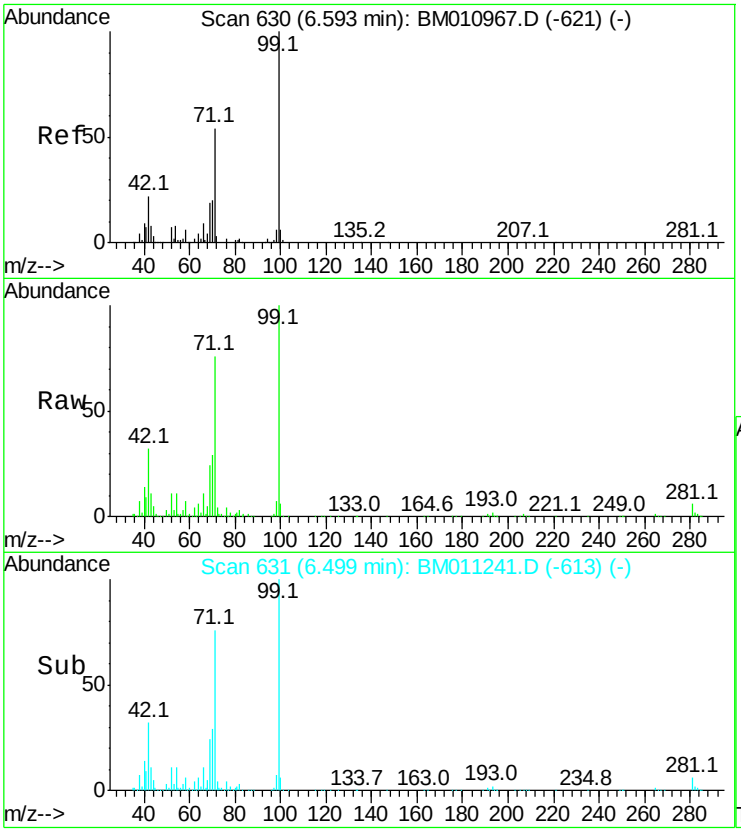


#5
2-Fluorophenol
Concen: 125.694 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:112 Resp: 836547

Ion	Ratio	Lower	Upper
112	100		
64	83.3	38.6	57.8#
63	58.5	19.3	28.9#



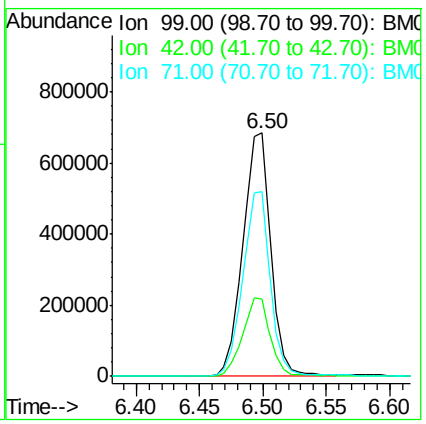


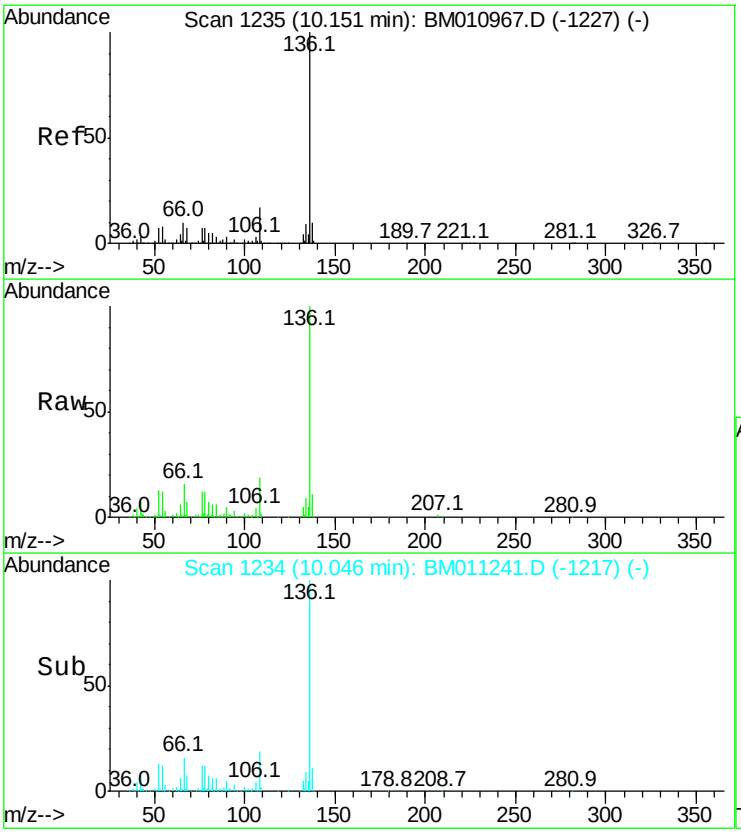
#7
Phenol-d6
Concen: 111.344 ng
RT: 6.50 min Scan# 631
Delta R.T. 0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tgt Ion: 99 Resp: 1052885

Ion	Ratio	Lower	Upper
99	100		
42	31.8	11.0	16.4#
71	75.9	23.4	35.2#

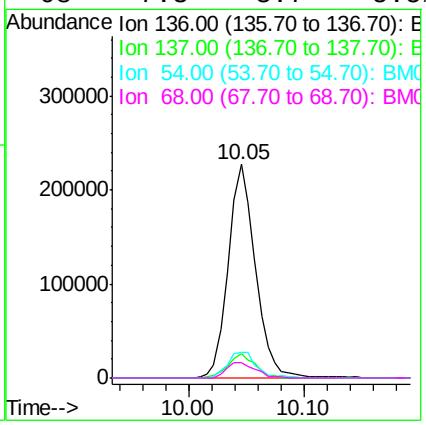


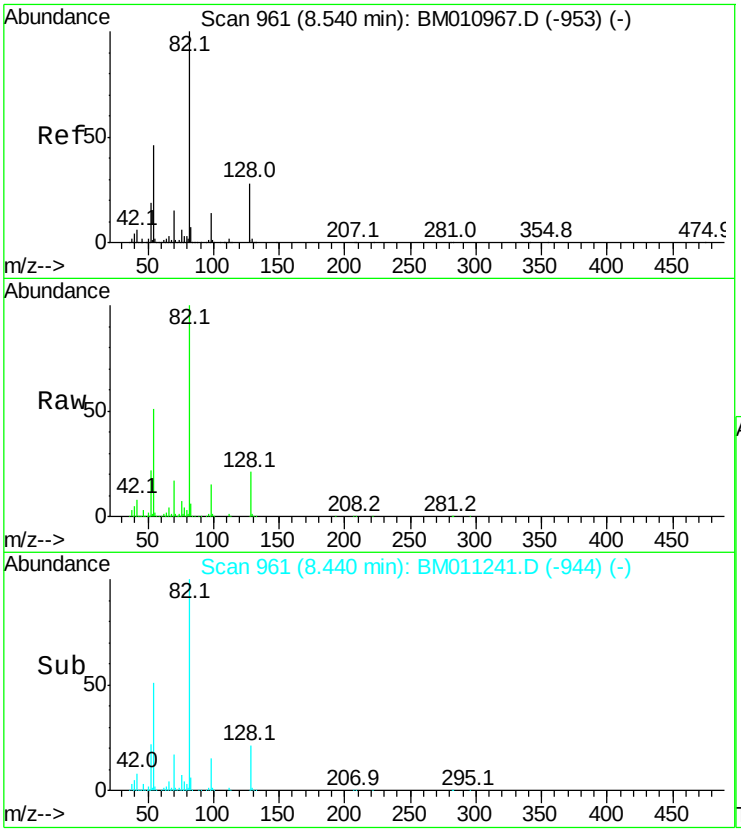


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:136 Resp: 371646

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.9	4.6	6.8#
68	7.3	3.7	5.5#



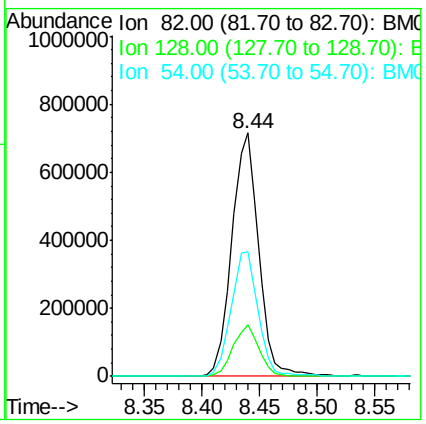


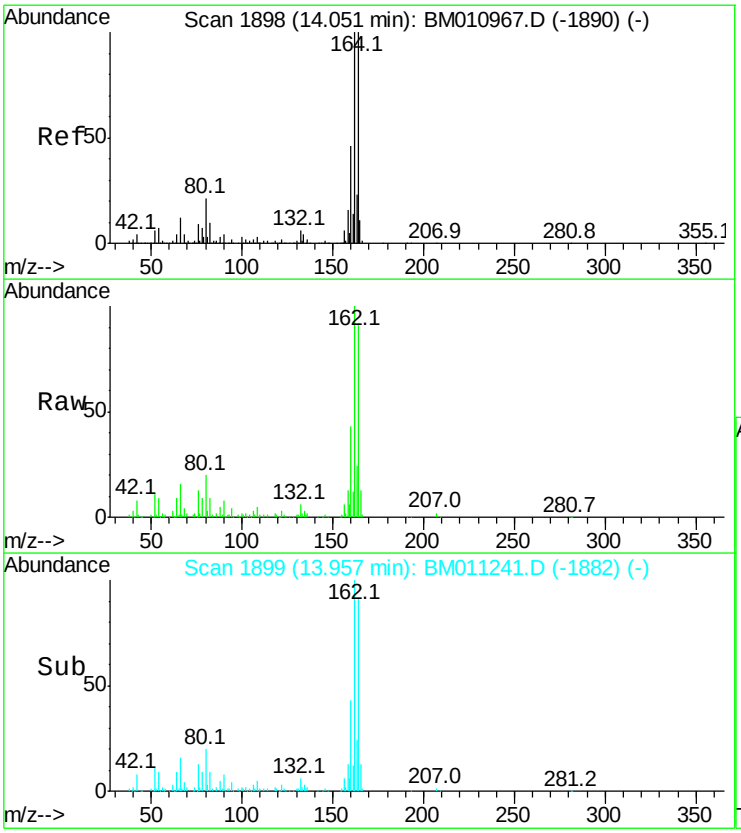
#23
Nitrobenzene-d5
Concen: 116.589 ng
RT: 8.44 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tgt Ion: 82 Resp: 1154494

Ion	Ratio	Lower	Upper
82	100		
128	21.2	32.8	49.2#
54	51.2	40.6	60.8

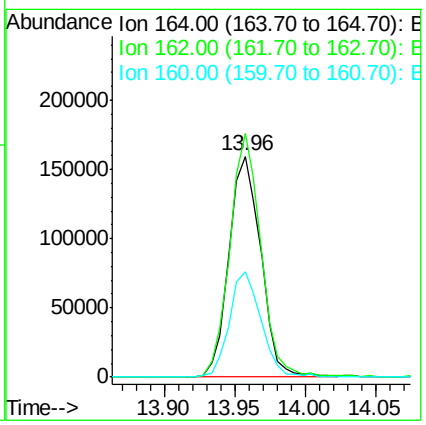


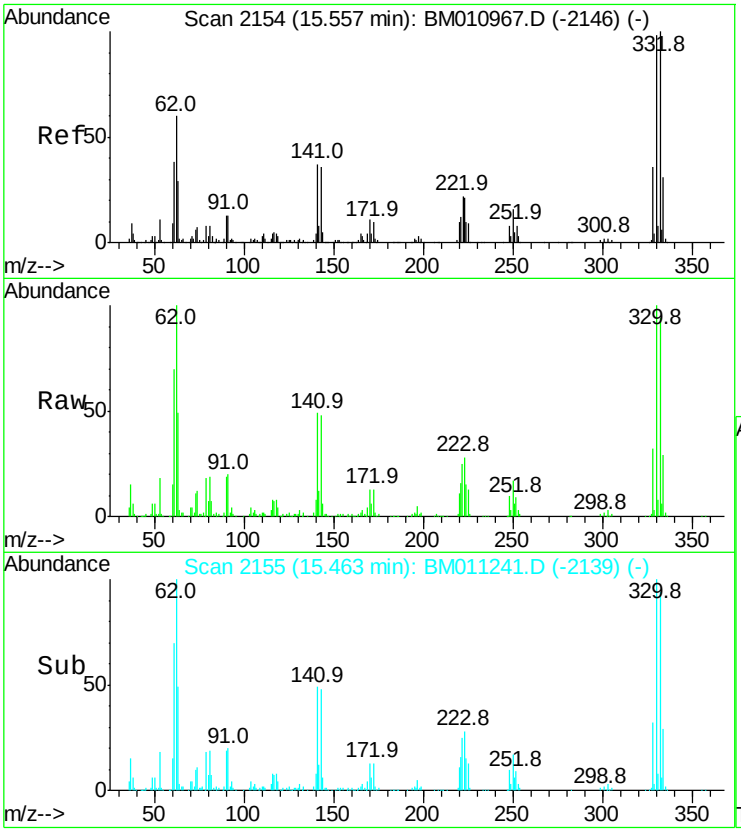


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:164 Resp: 250822

Ion	Ratio	Lower	Upper
164	100		
162	110.4	82.4	123.6
160	47.5	35.8	53.6



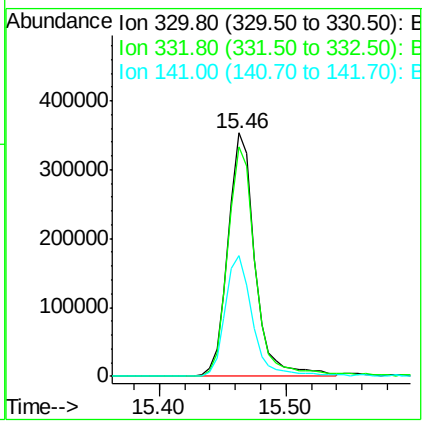


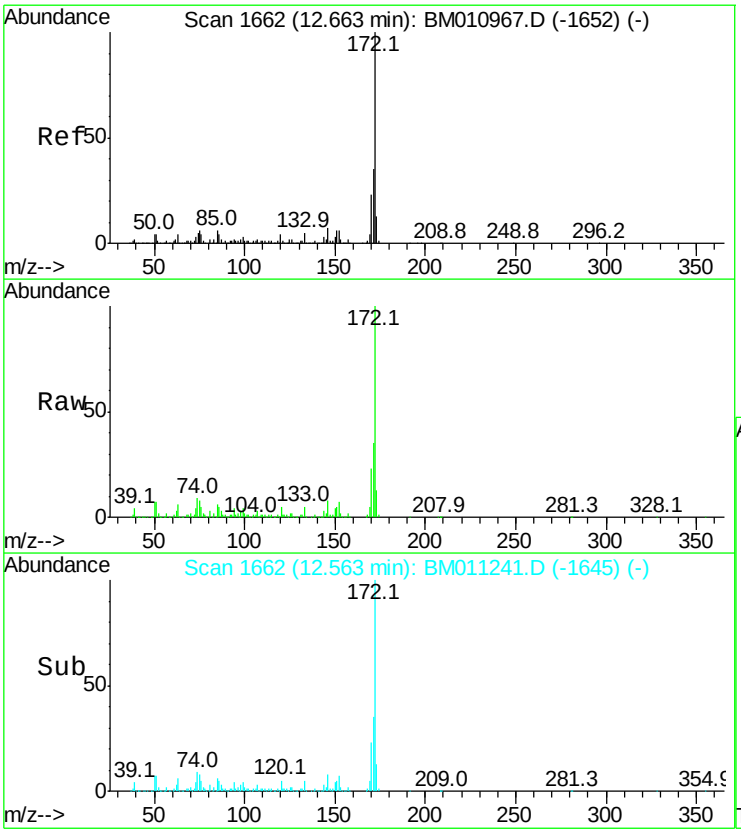
#41
2,4,6-Tribromophenol
Concen: 129.342 ng
RT: 15.46 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tgt Ion:330 Resp: 519974

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	50.4	0.0	0.0#

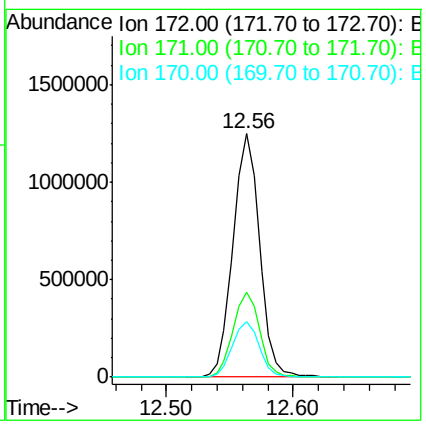


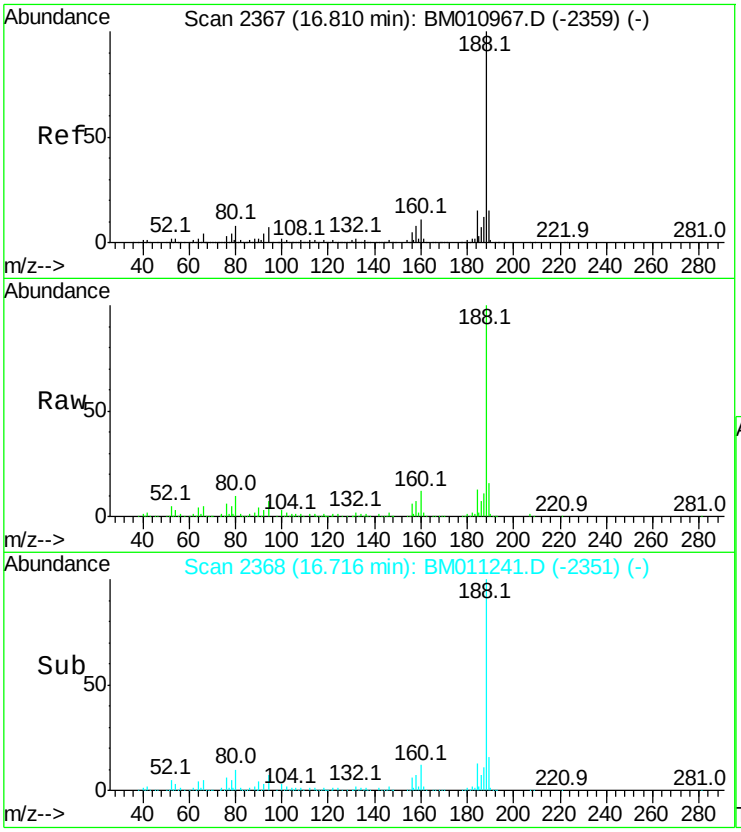


#44
2-Fluorobiphenyl
Concen: 90.774 ng
RT: 12.56 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:172 Resp: 1815442

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2



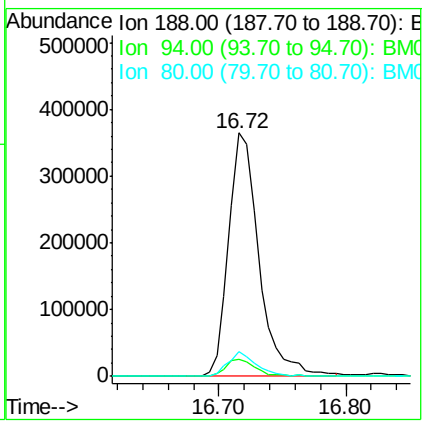


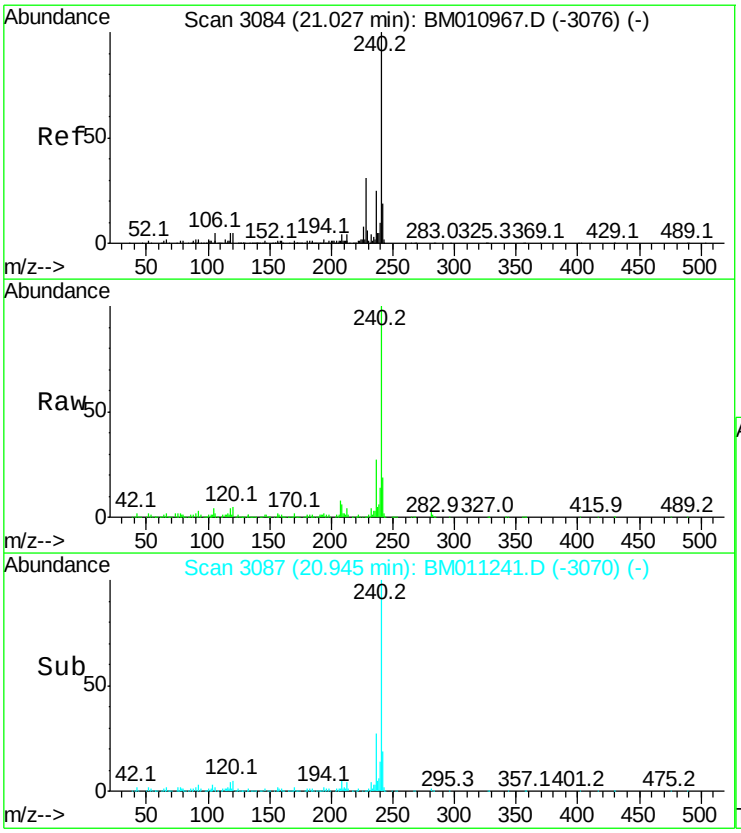
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument : BNA_M
ClientSampleId : SA-06-081117-A

Tgt Ion:188 Resp: 606386

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	10.2	9.3	13.9

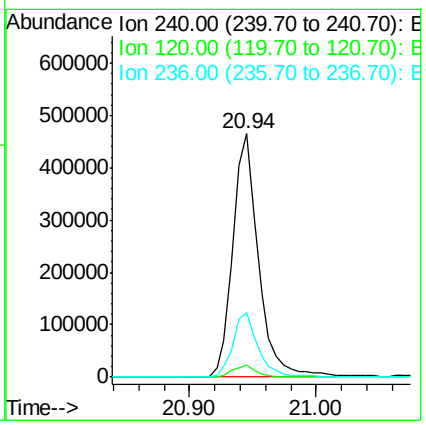


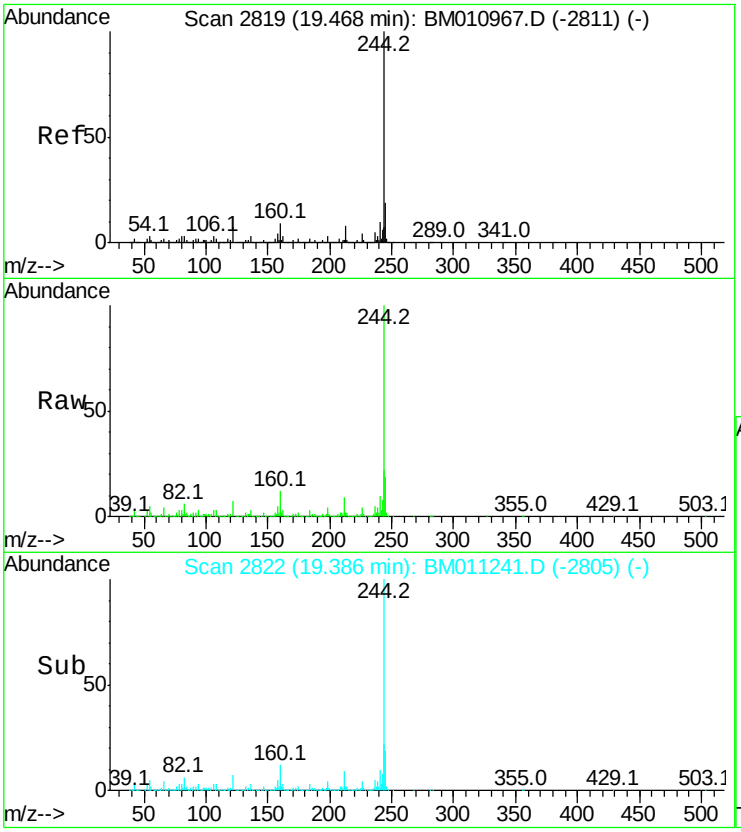


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:240 Resp: 647334

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	26.7	20.0	30.0



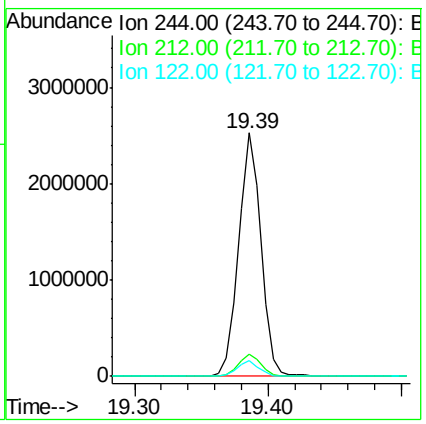


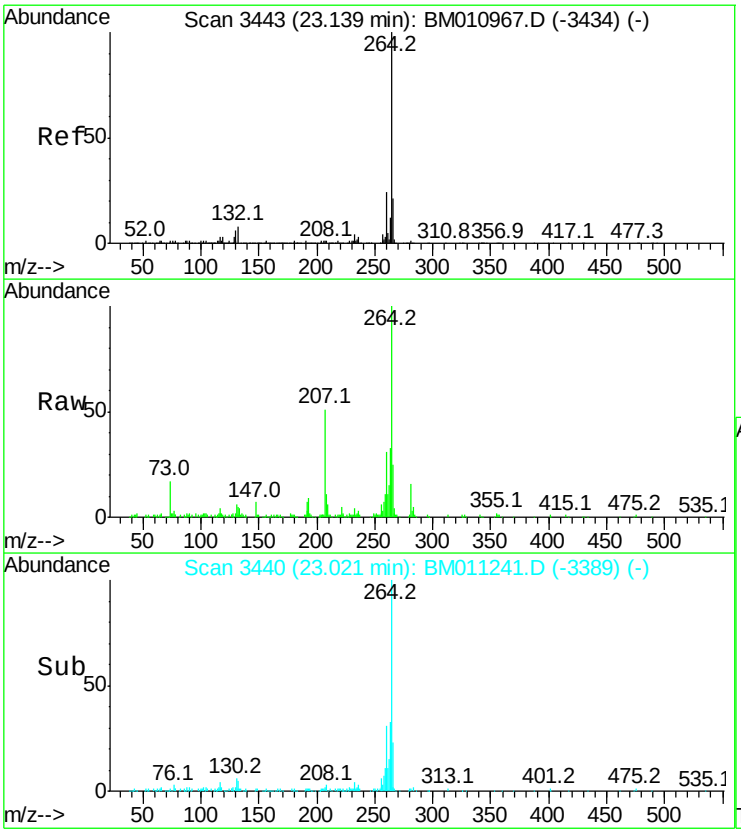
#78
Terphenyl-d14
Concen: 89.497 ng
RT: 19.39 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tgt Ion:244 Resp: 2924699

Ion	Ratio	Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	6.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:264 Resp: 309905

Ion	Ratio	Lower	Upper
264	100		
260	30.8	18.6	27.8#
265	24.6	17.3	25.9