Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011096.D
Acq On : 02 Aug 2017 16:13
Operator : SJ/JU
Sample : I4540-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 348

Quant Time: Aug 03 03:55:46 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	7.38	152	144164	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	553776	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	370115	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1010308	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1215791	20.00	ng	-0.01
86) Perylene-d12	23.13	264	998206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1156530	135.61	ng	0.00
7) Phenol-d6	6.58	99	1494458	123.34	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1480328	100.33	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	844817	142.41	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2611682	88.50	ng	-0.02
78) Terphenyl-d14	19.46	244	5151497	83.93	ng	0.00
Target Compounds						Qvalue
76) Benzidine	19.08	184	237974	8.182	ng	98

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

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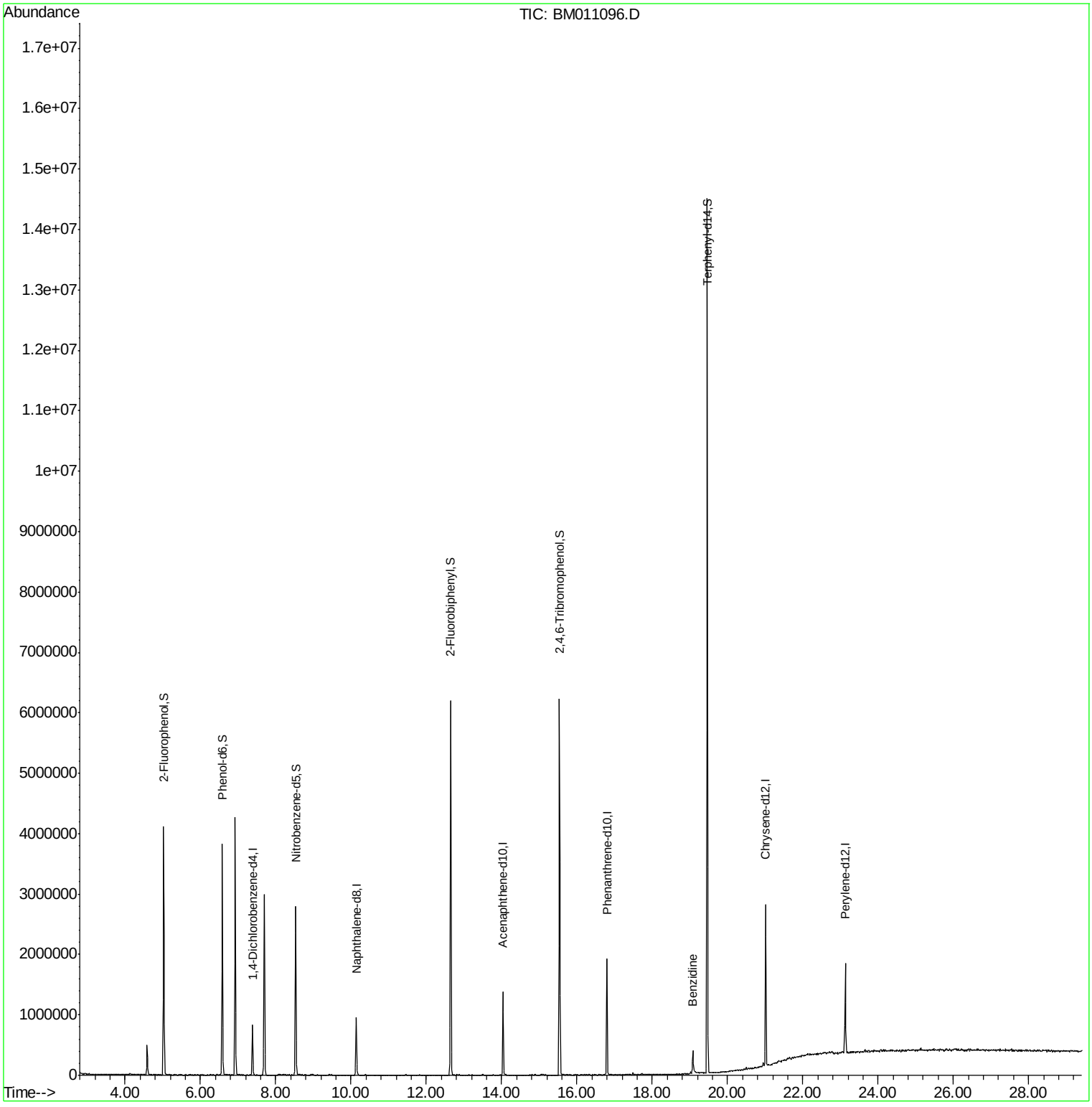
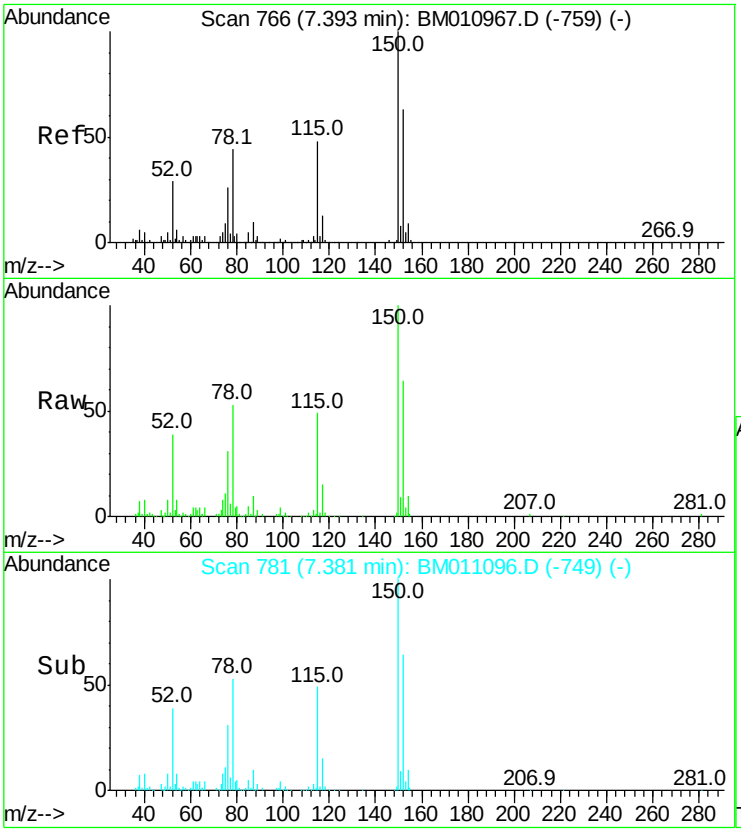


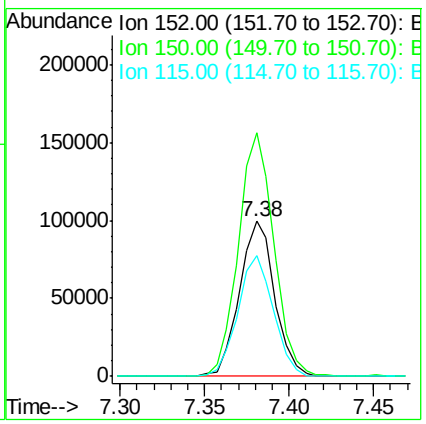


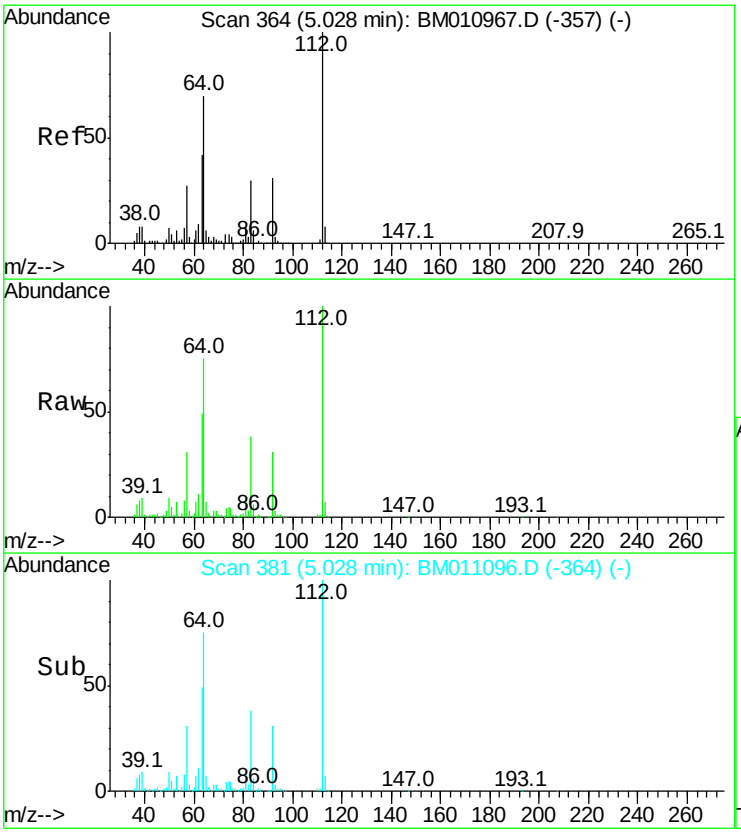
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:152 Resp: 144164

Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	77.6	43.0	64.4#

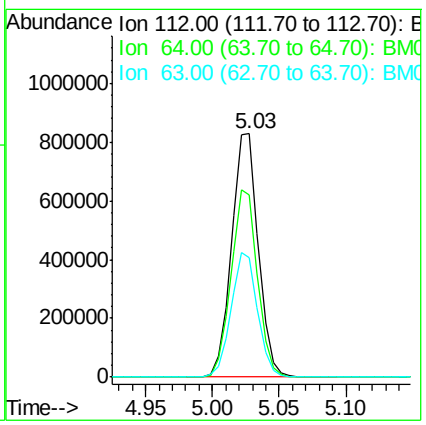


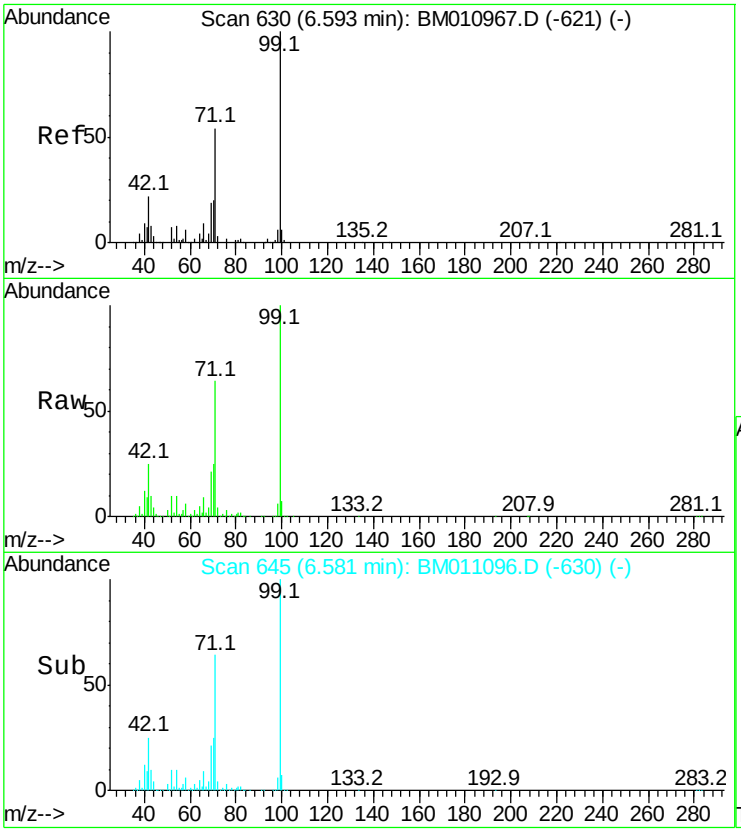


#5
2-Fluorophenol
Concen: 135.612 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:112 Resp: 1156530

Ion	Ratio	Lower	Upper
112	100		
64	75.0	38.6	57.8#
63	49.2	19.3	28.9#



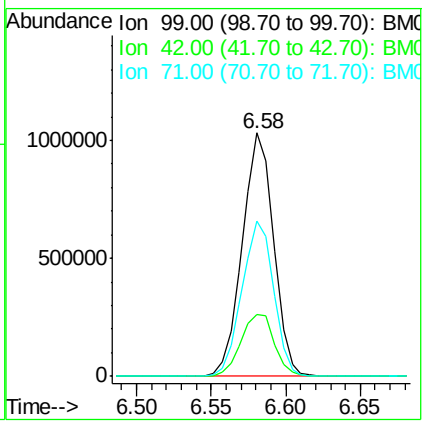


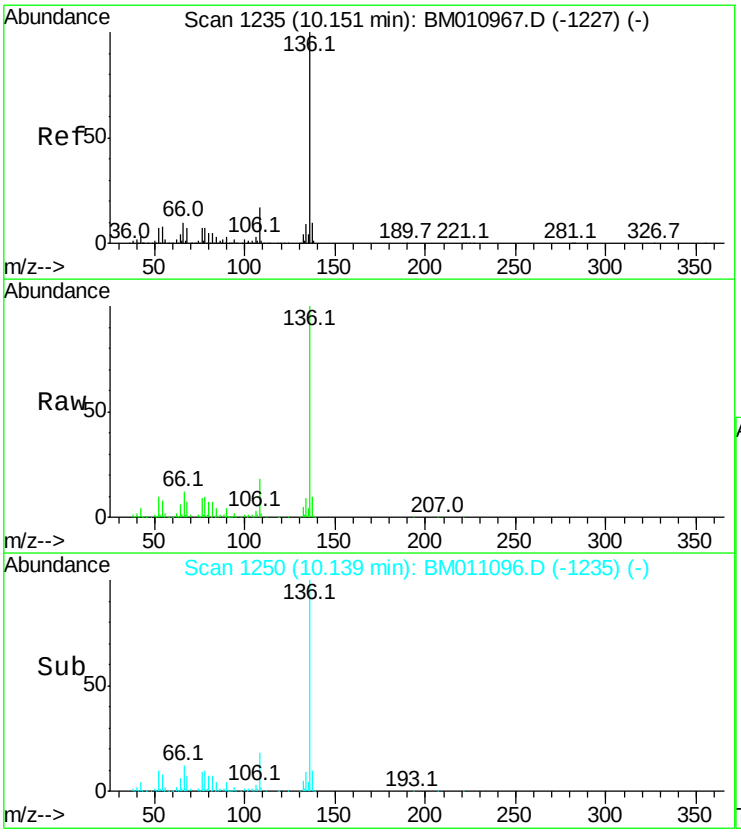
#7
Phenol-d6
Concen: 123.336 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion: 99 Resp: 1494458

Ion	Ratio	Lower	Upper
99	100		
42	25.5	11.0	16.4#
71	63.8	23.4	35.2#

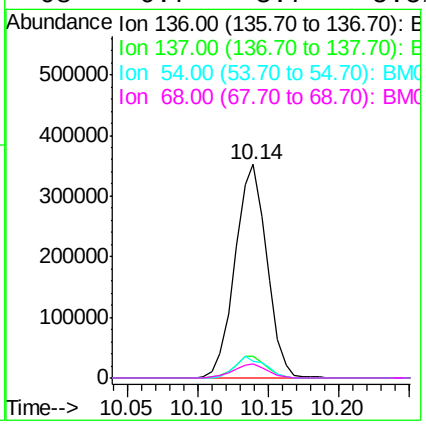


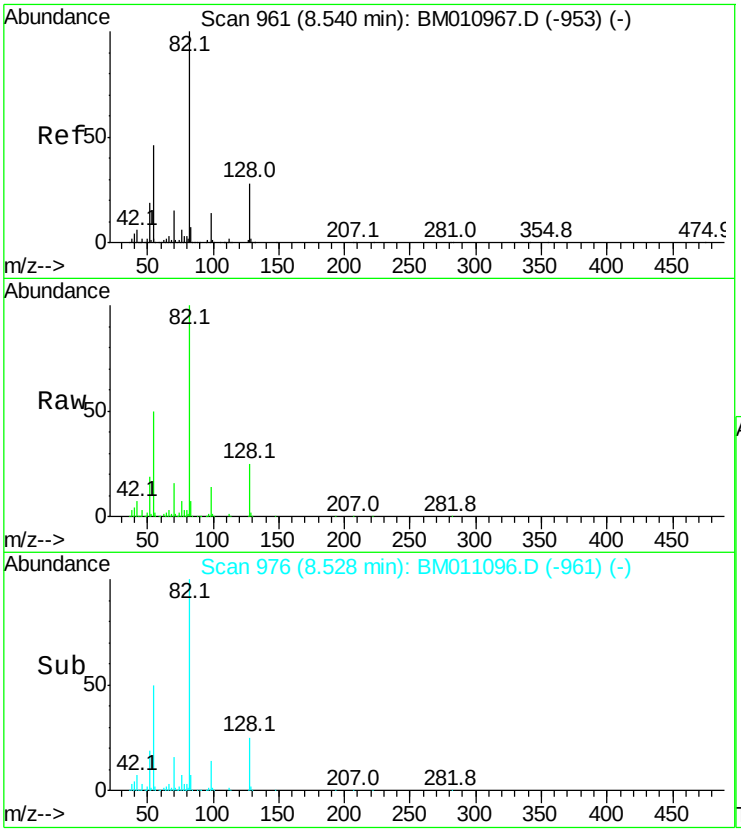


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:136 Resp: 553776

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	8.0	4.6	6.8#
68	6.7	3.7	5.5#



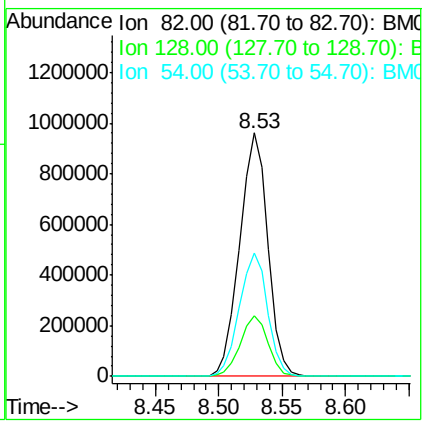


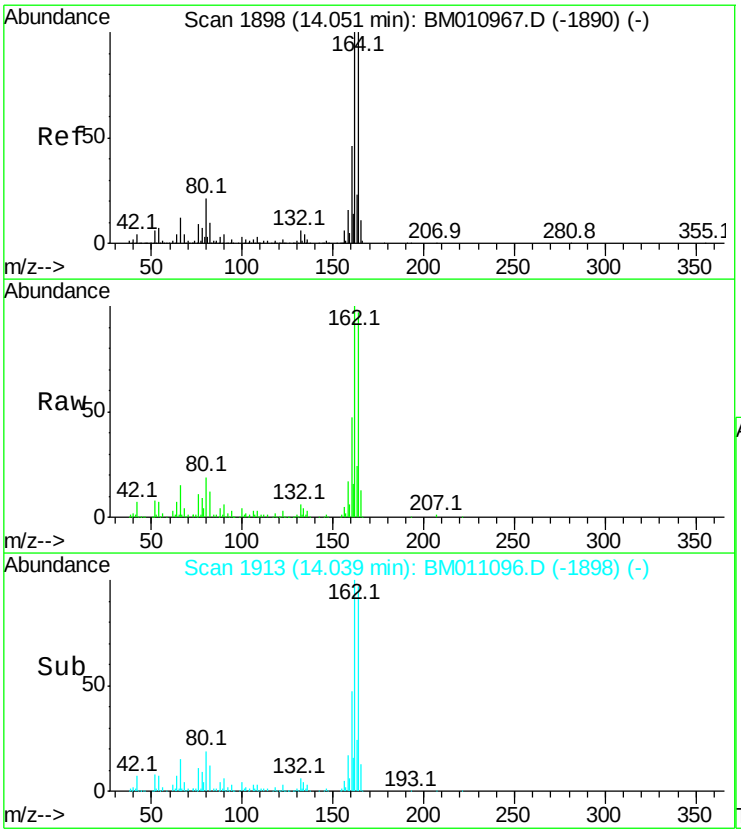
#23
Nitrobenzene-d5
Concen: 100.328 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion: 82 Resp: 1480328

Ion	Ratio	Lower	Upper
82	100		
128	25.0	32.8	49.2#
54	50.4	40.6	60.8

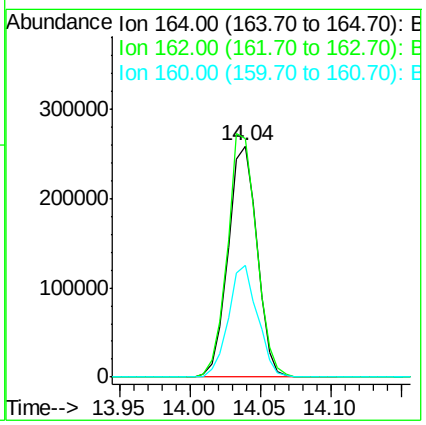


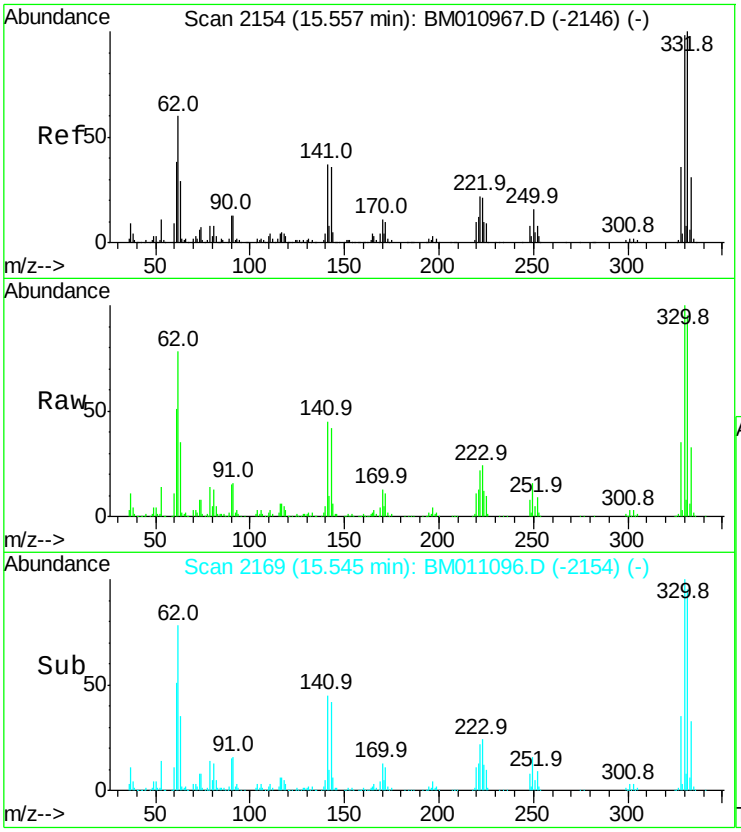


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:164 Resp: 370115

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	48.6	35.8	53.6



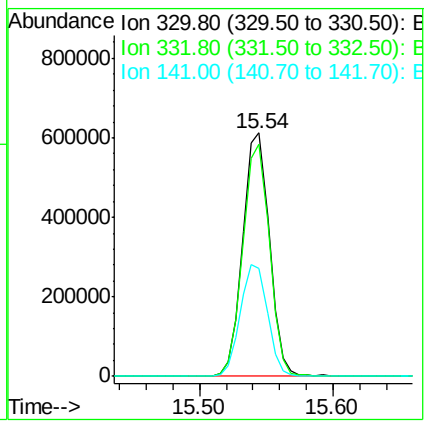


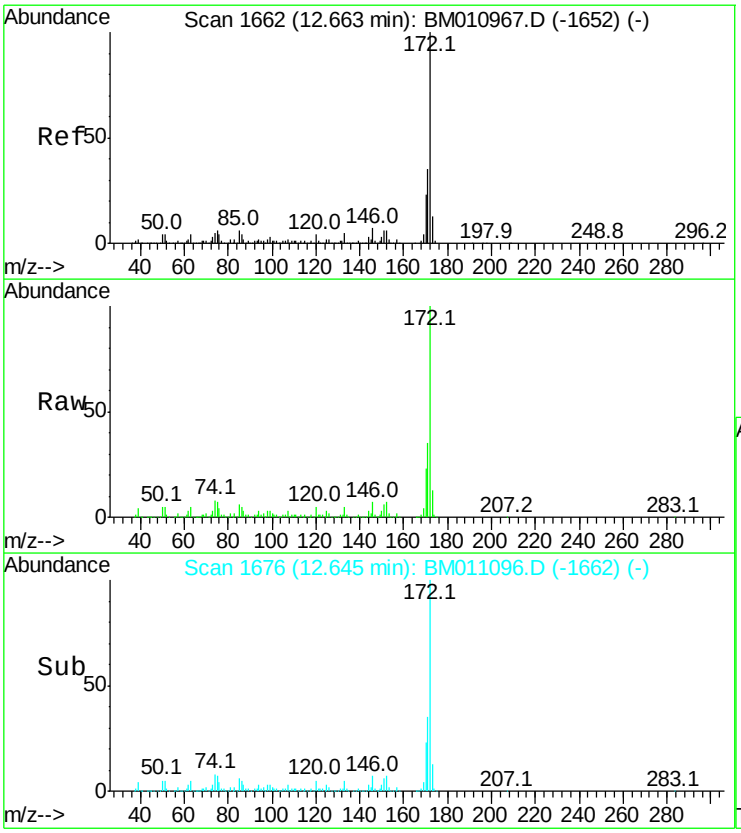
#41
2,4,6-Tribromophenol
Concen: 142.413 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:330 Resp: 844817

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	47.1	0.0	0.0#

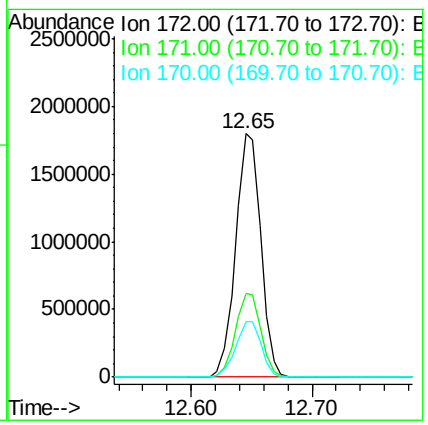


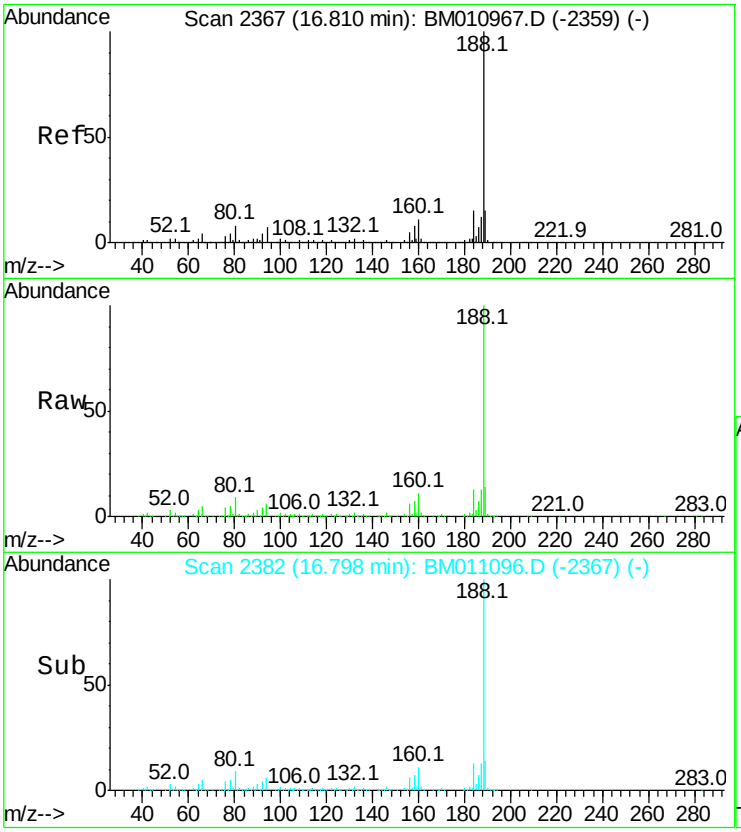


#44
2-Fluorobiphenyl
Concen: 88.497 ng
RT: 12.65 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:172 Resp: 2611682

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.6	18.8	28.2



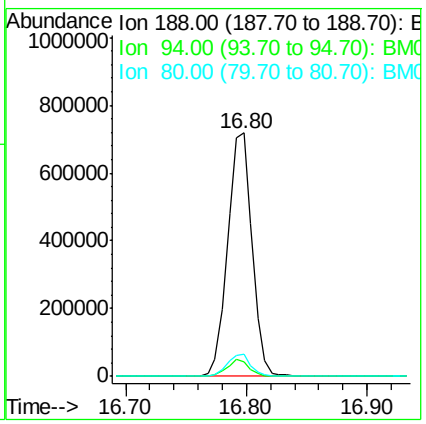


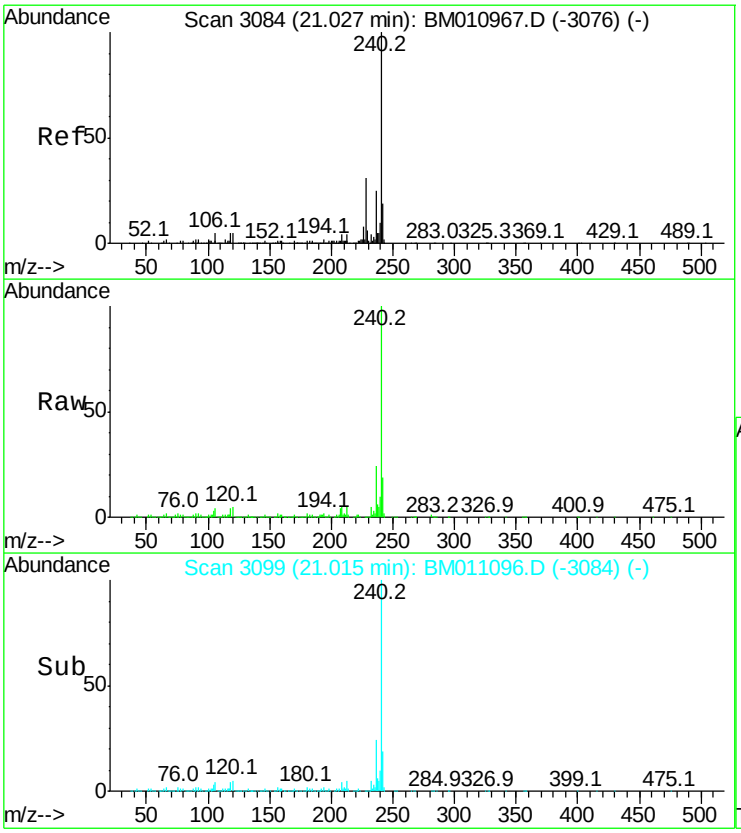
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:188 Resp: 1010308

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	9.3	9.3	13.9

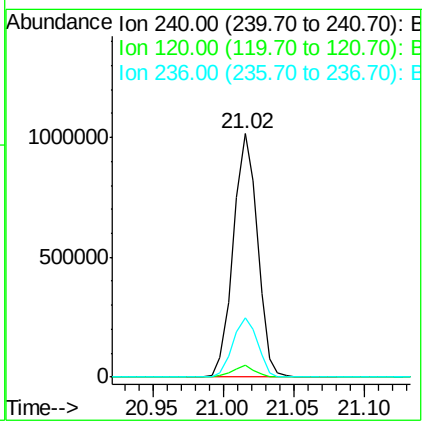


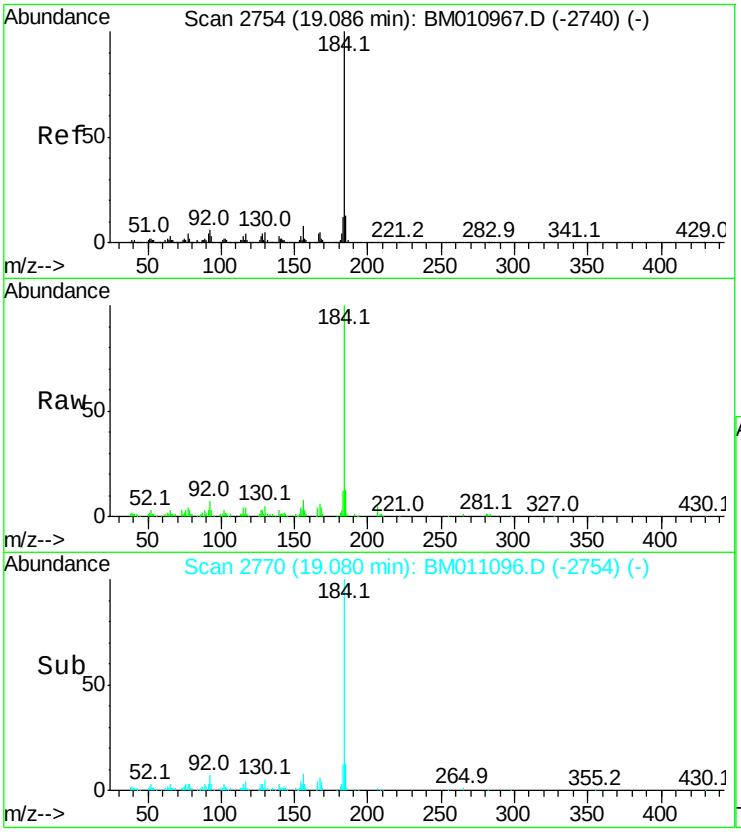


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:240 Resp: 1215791

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	24.2	20.0	30.0



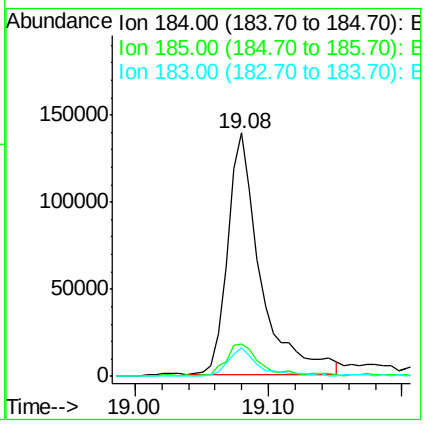


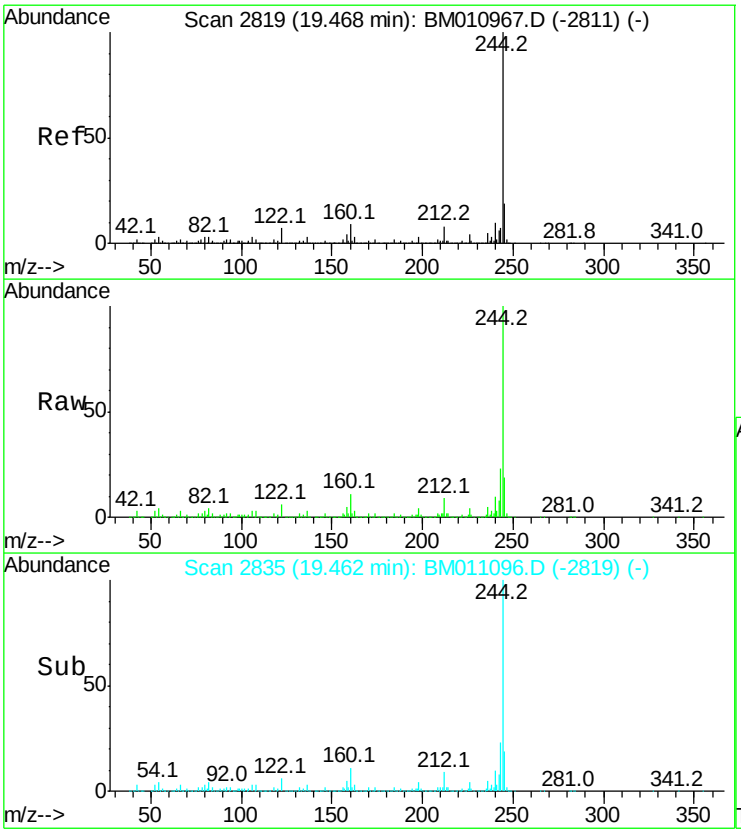
#76
Benzidine
Concen: 8.182 ng
RT: 19.08 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:184 Resp: 237974

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.3	16.9
183	12.0	8.9	13.3

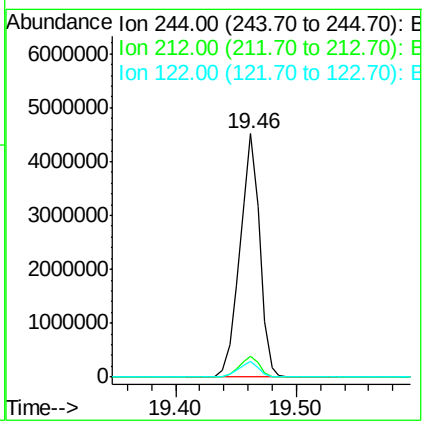


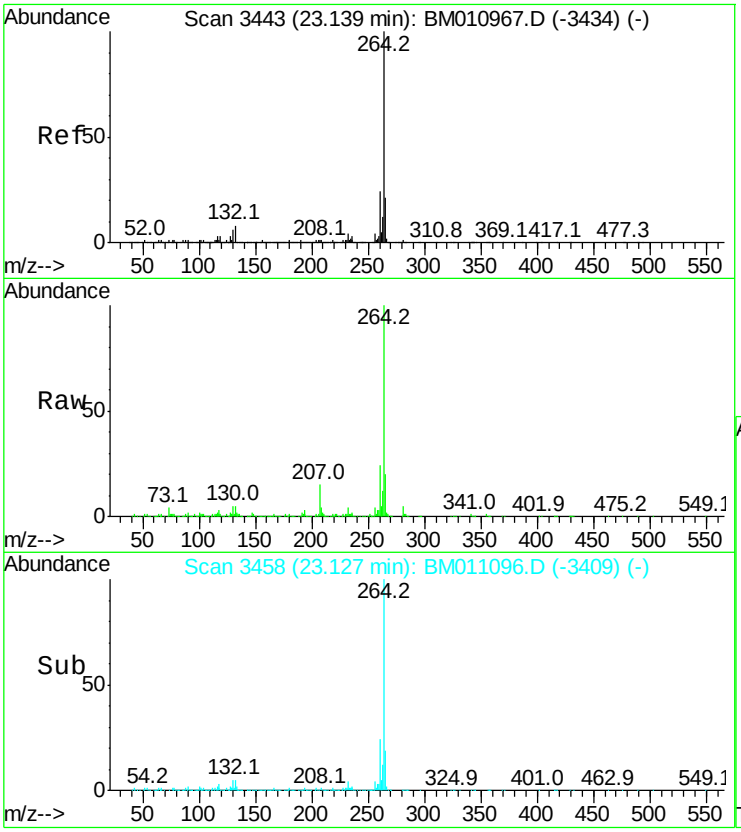


#78
Terphenyl-d14
Concen: 83.933 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:244 Resp: 5151497

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.2	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: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:264 Resp: 998206

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	20.1	17.3	25.9