Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011092.D
Acq On : 02 Aug 2017 11:30
Operator : SJ/JU
Sample : I4497-04RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 02 23:16:22 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	199556	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	770670	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	463583	20.00	ng	-0.01
63) Phenanthrene-d10	16.79	188	1104057	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1125369	20.00	ng	-0.01
86) Perylene-d12	23.13	264	955199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1621613	137.37	ng	0.00
7) Phenol-d6	6.58	99	2086074	124.37	ng	-0.01
23) Nitrobenzene-d5	8.53	82	2051159	99.89	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	984959	132.56	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3553343	96.13	ng	-0.01
78) Terphenyl-d14	19.46	244	5182604	91.22	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.73	93	80431	3.80	ng	# 88
15) Benzyl Alcohol	7.70	79	35589	2.21	ng	# 44
76) Benzidine	19.09	184	7833672	290.98	ng	99

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

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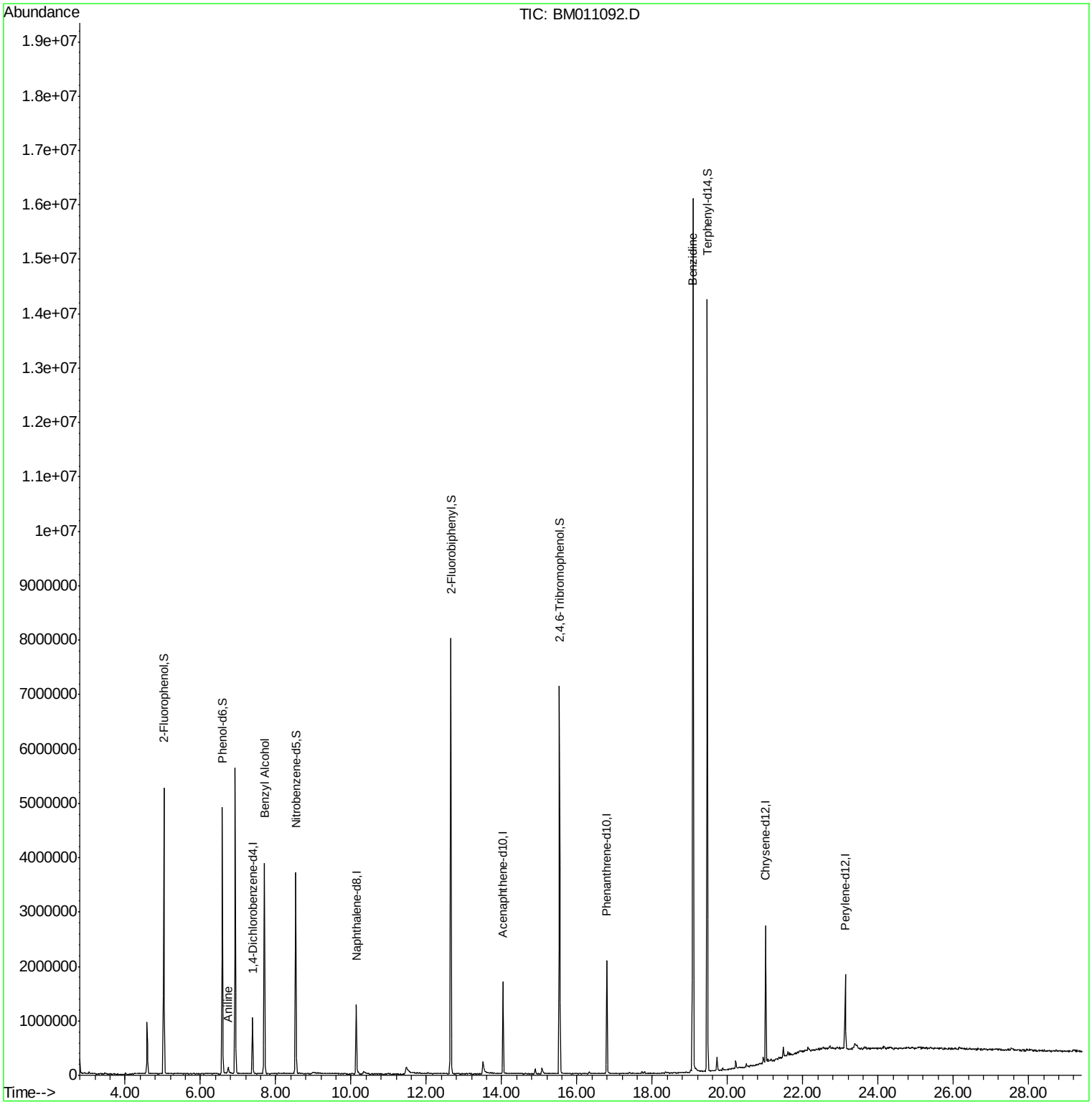
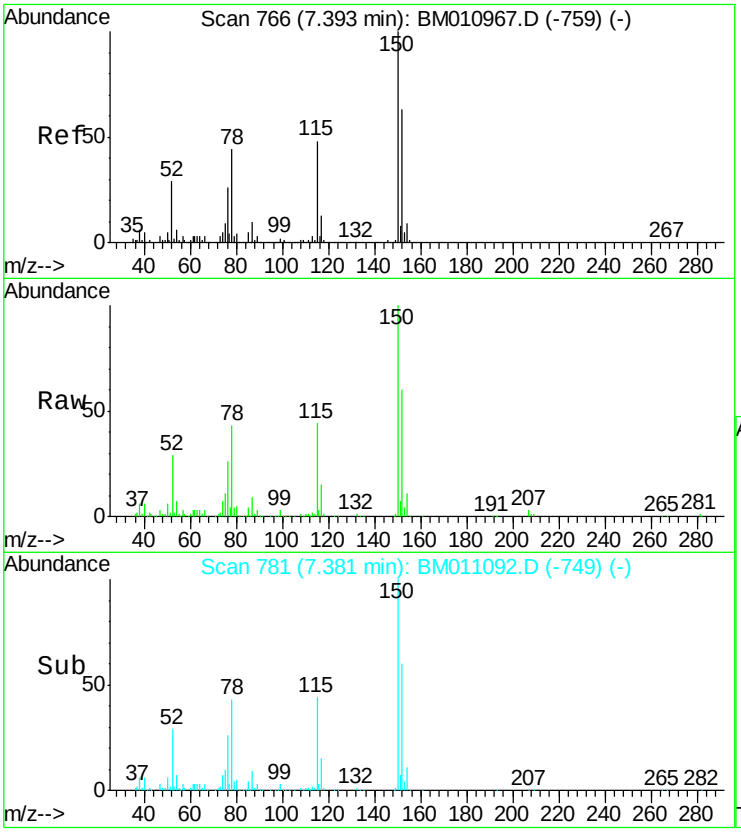


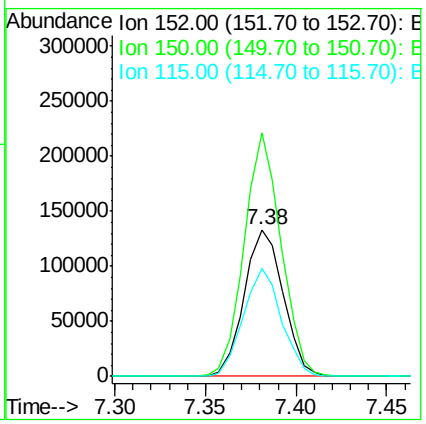


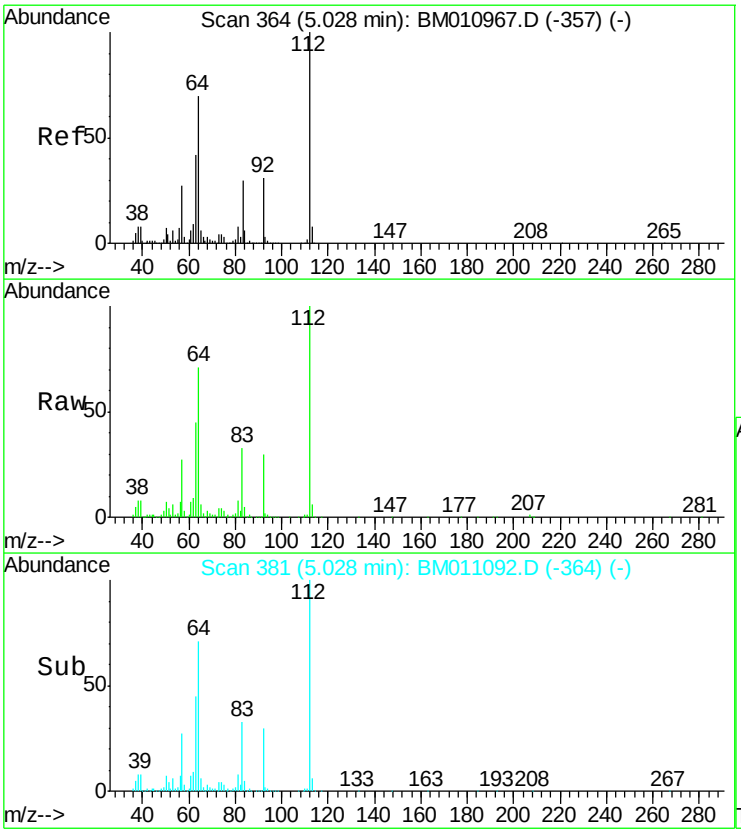
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 199556

Ion	Ratio	Lower	Upper
152	100		
150	165.8	119.5	179.3
115	73.4	43.0	64.4#

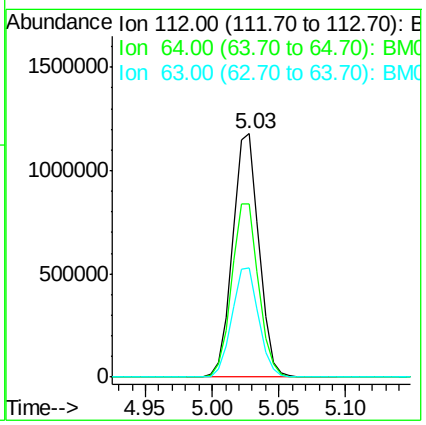


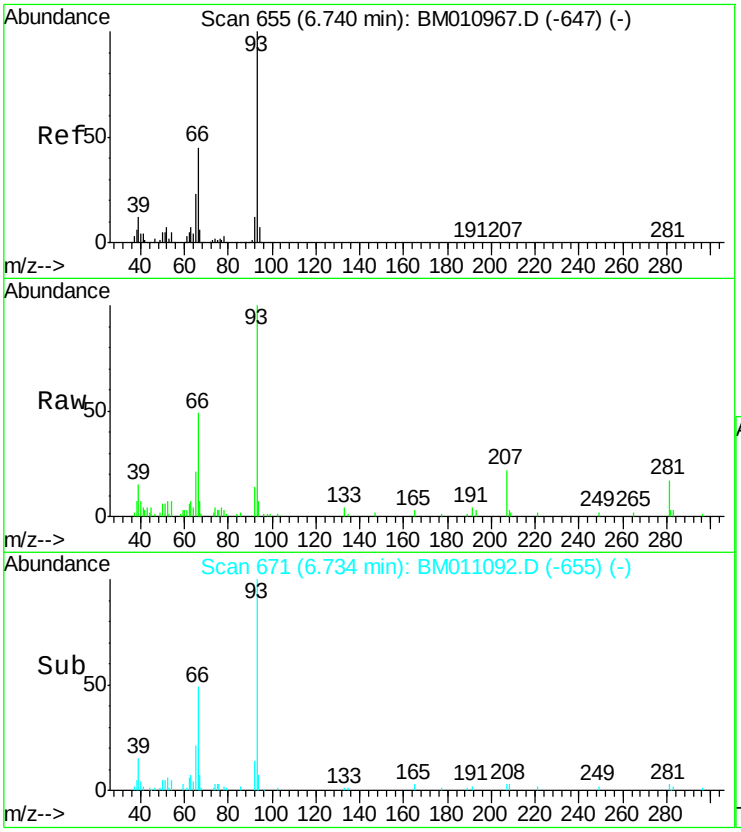


#5
2-Fluorophenol
Concen: 137.37 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:112 Resp: 1621613

Ion	Ratio	Lower	Upper
112	100		
64	71.2	38.6	57.8#
63	44.6	19.3	28.9#



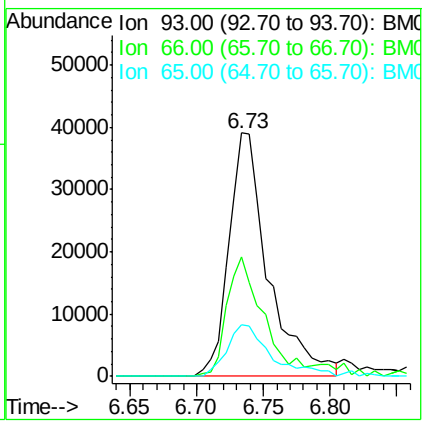


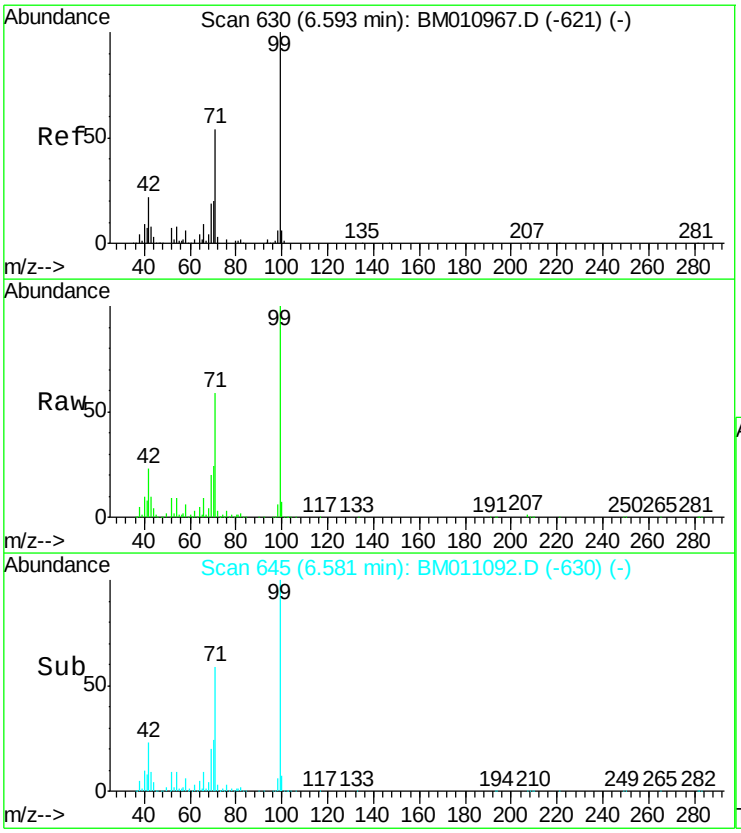
#6
Aniline
Concen: 3.80 ng
RT: 6.73 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 80431

Ion	Ratio	Lower	Upper
93	100		
66	49.2	30.8	46.2#
65	21.0	16.0	24.0

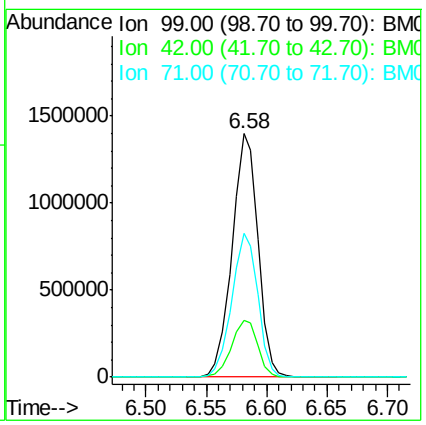


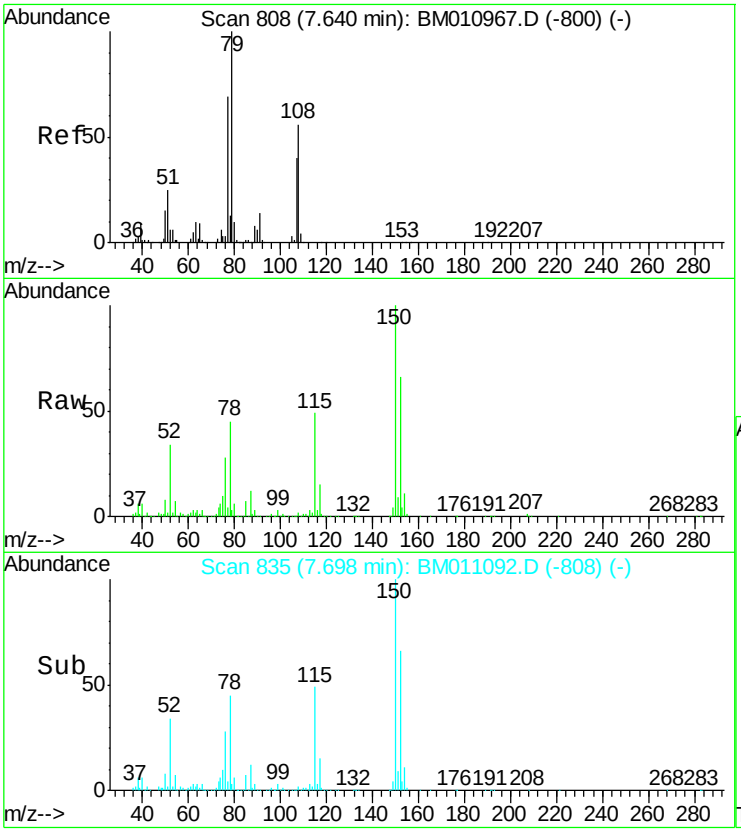


#7
Phenol-d6
Concen: 124.37 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion: 99 Resp: 2086074

Ion	Ratio	Lower	Upper
99	100		
42	23.4	11.0	16.4#
71	59.1	23.4	35.2#



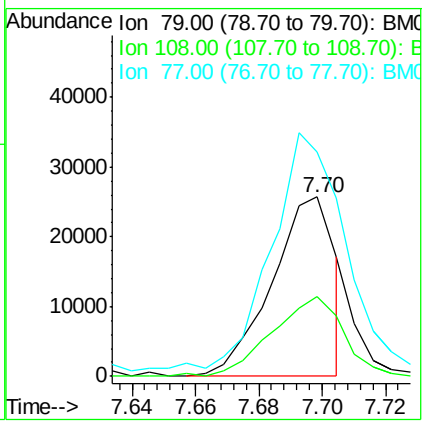


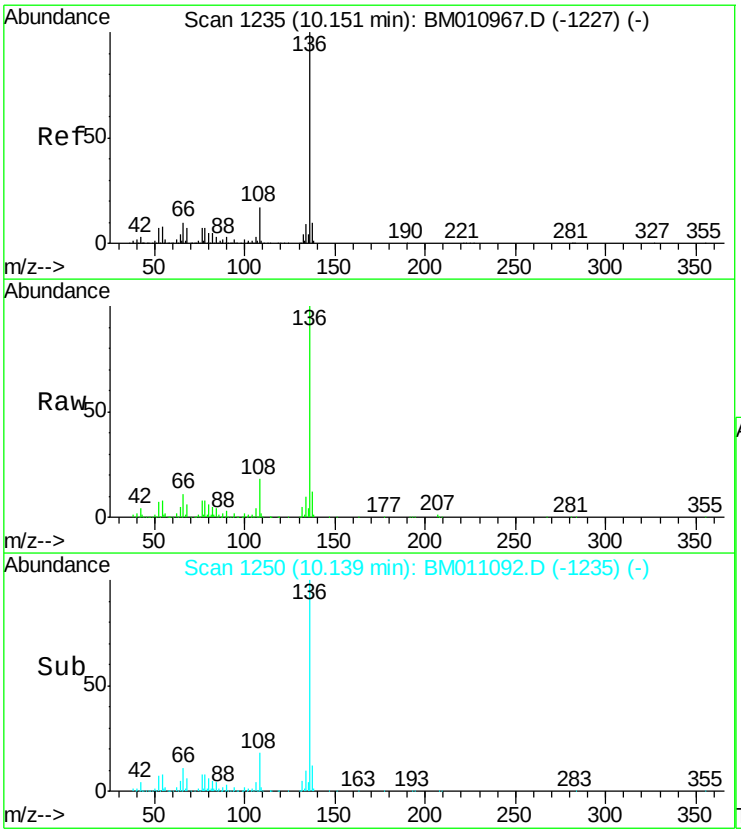
#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 7.70 min Scan# 835
Delta R.T. 0.06 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 35589

Ion	Ratio	Lower	Upper
79	100		
108	44.7	65.0	97.4#
77	125.1	53.0	79.6#

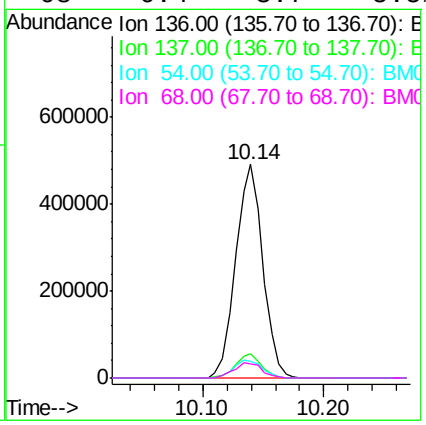


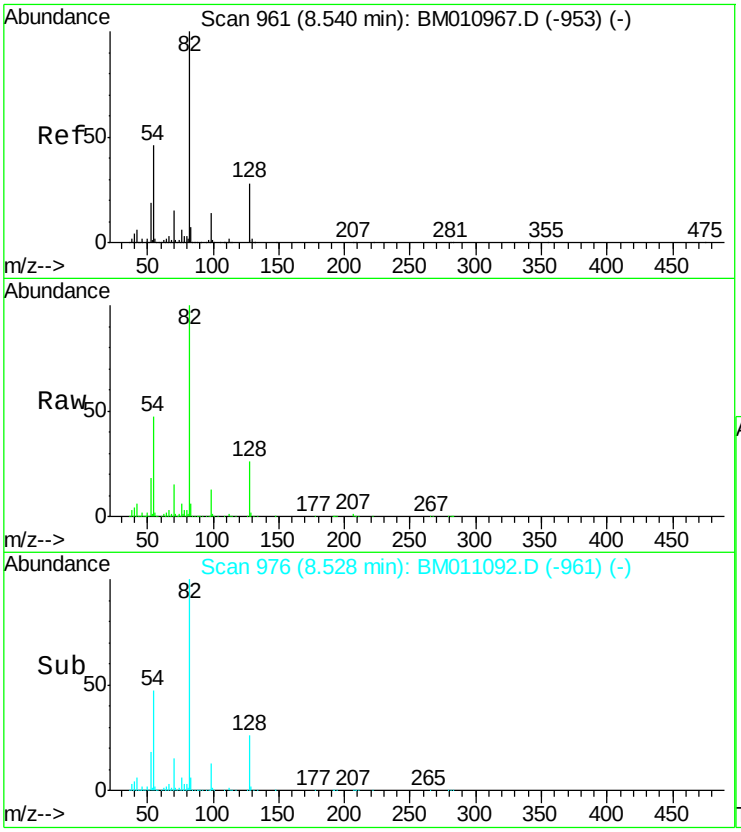


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:136 Resp: 770670

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.9	4.6	6.8#
68	6.4	3.7	5.5#



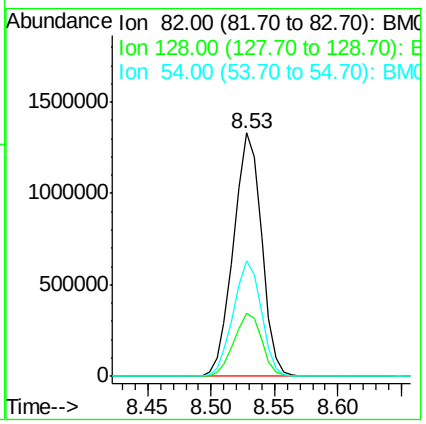


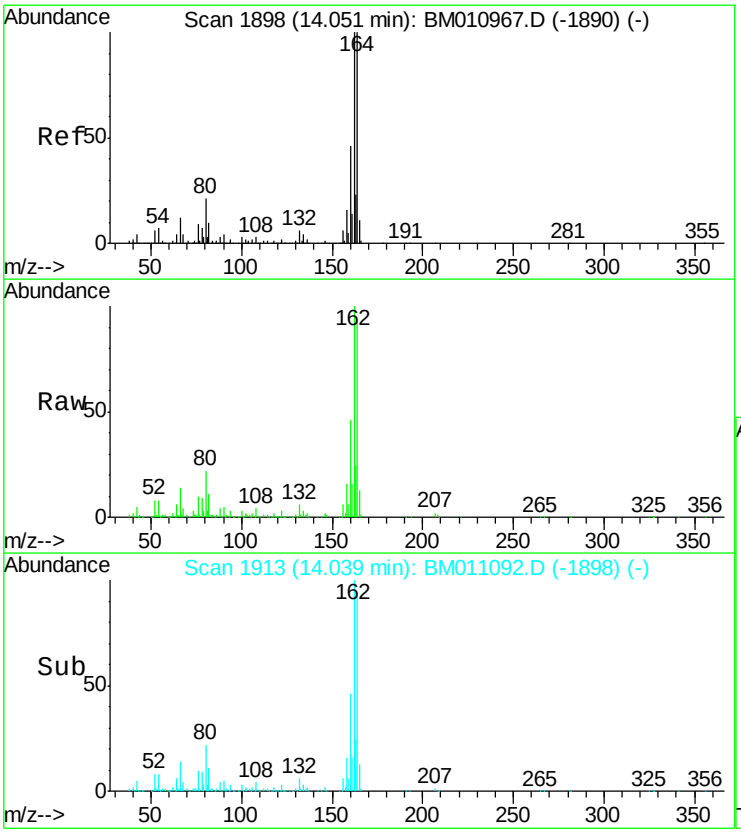
#23
Nitrobenzene-d5
Concen: 99.89 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2051159

Ion	Ratio	Lower	Upper
82	100		
128	26.0	32.8	49.2#
54	47.3	40.6	60.8

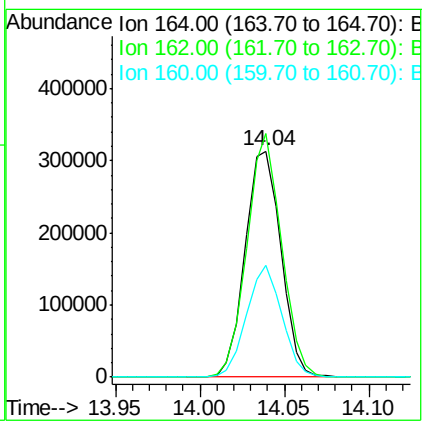


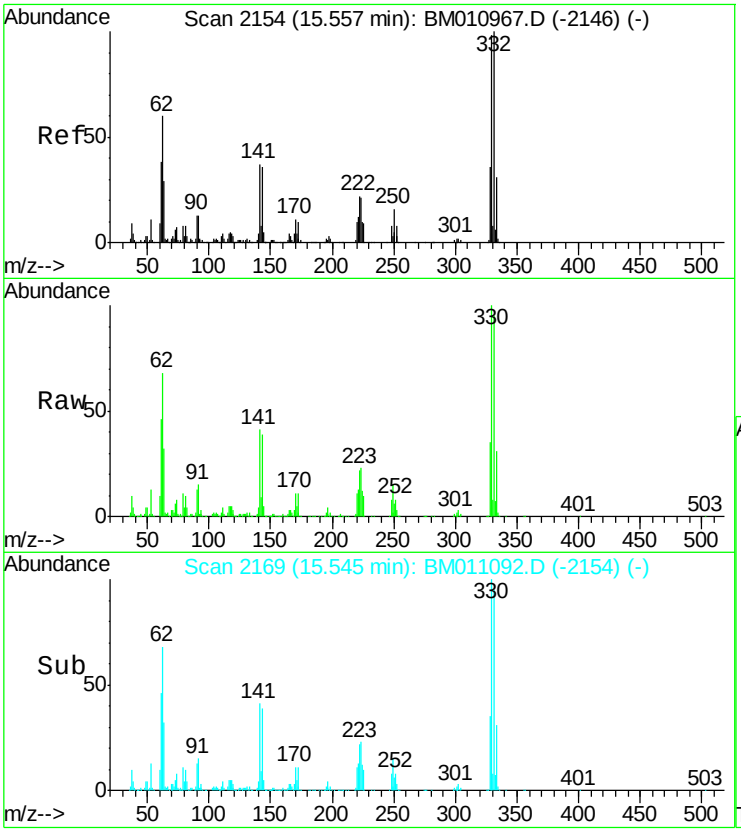


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:164 Resp: 463583

Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.4	123.6
160	49.7	35.8	53.6



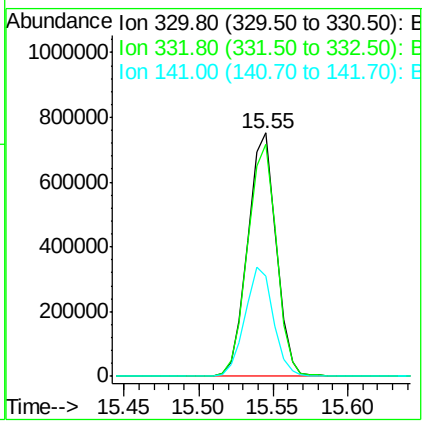


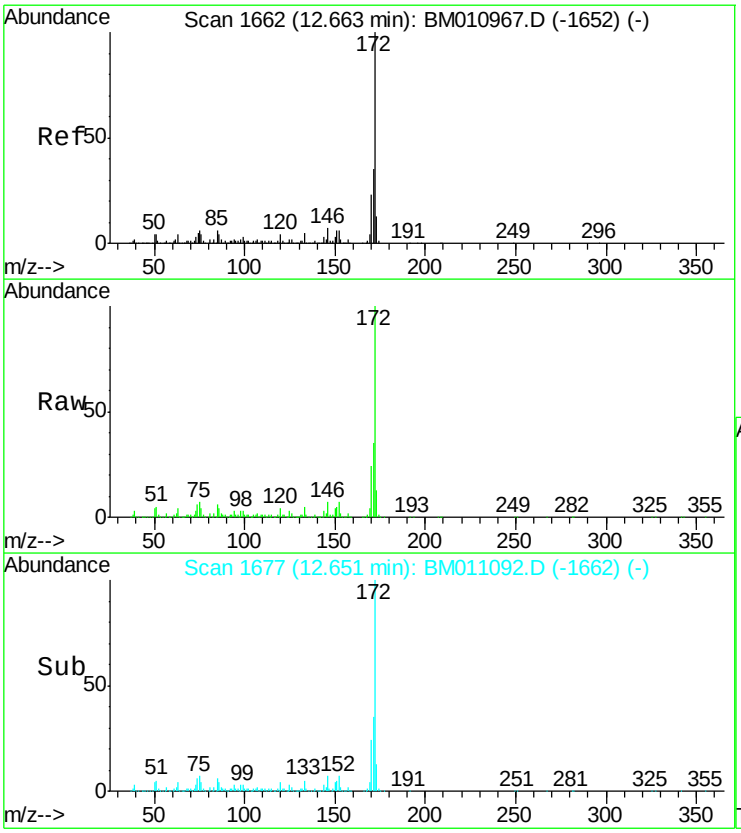
#41
2,4,6-Tribromophenol
Concen: 132.56 ng
RT: 15.55 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 984959

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.0	0.0	0.0#

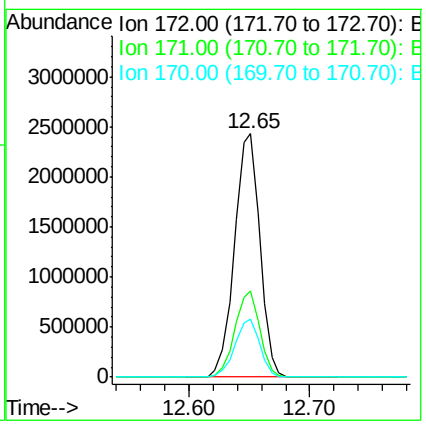


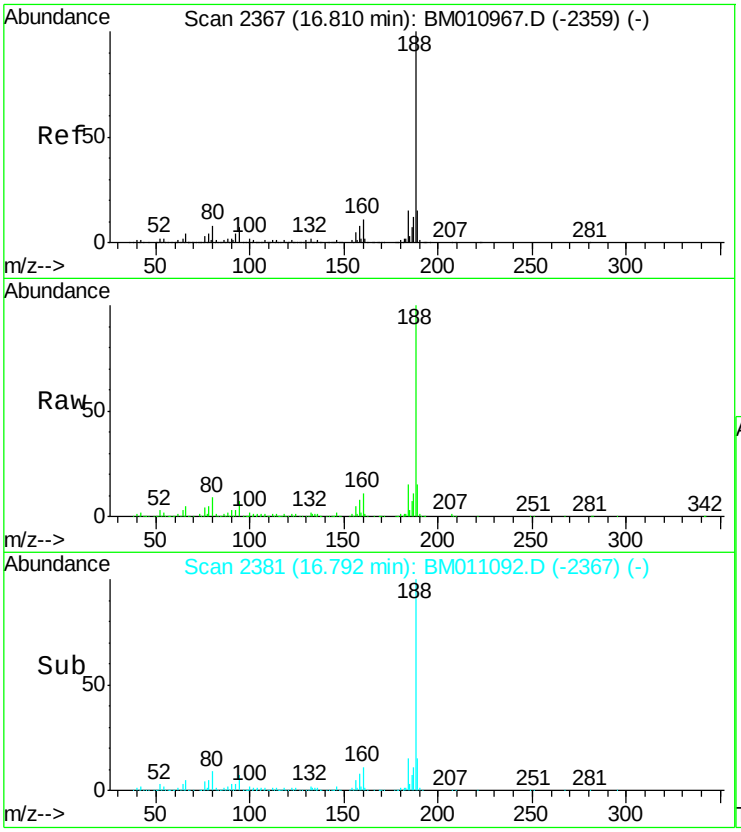


#44
2-Fluorobiphenyl
Concen: 96.13 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:172 Resp: 3553343

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	18.8	28.2



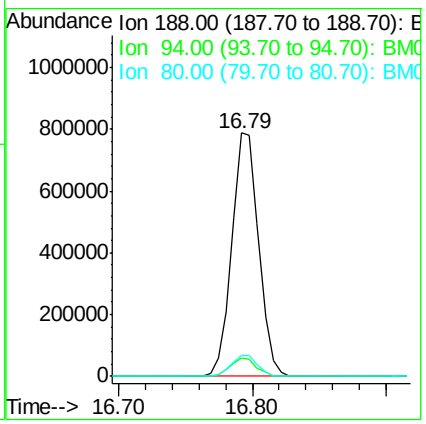


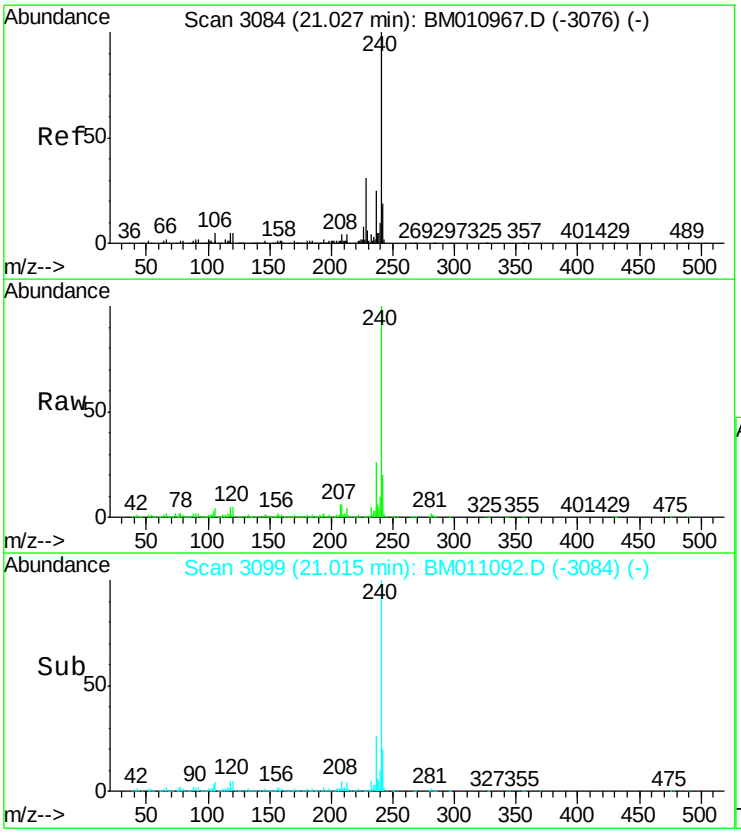
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1104057

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.8	9.3	13.9#

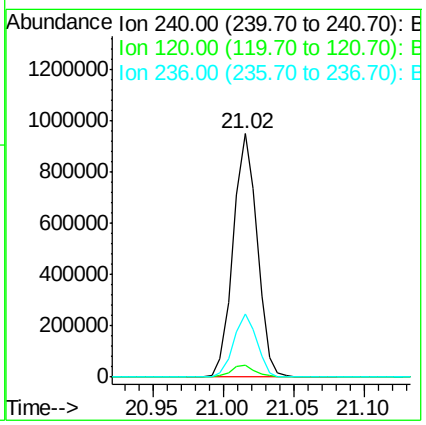


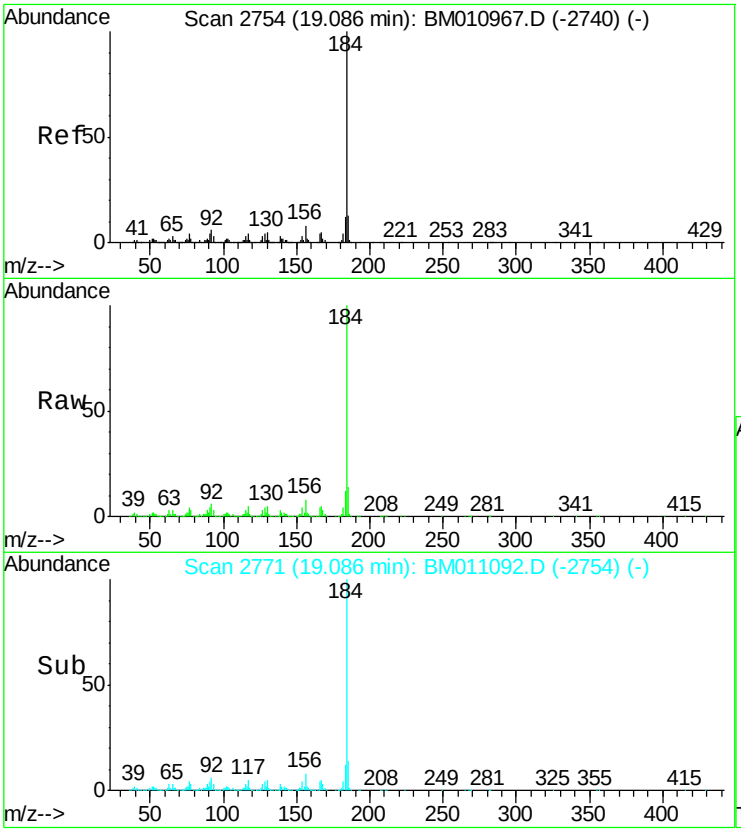


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:240 Resp: 1125369

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	26.0	20.0	30.0



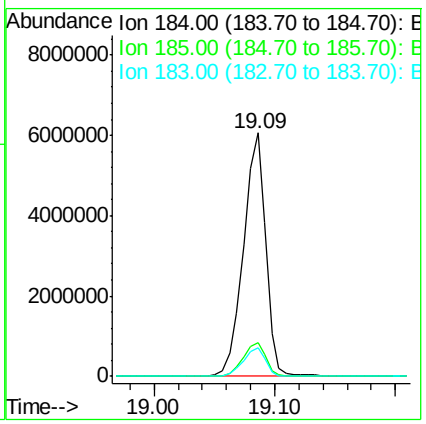


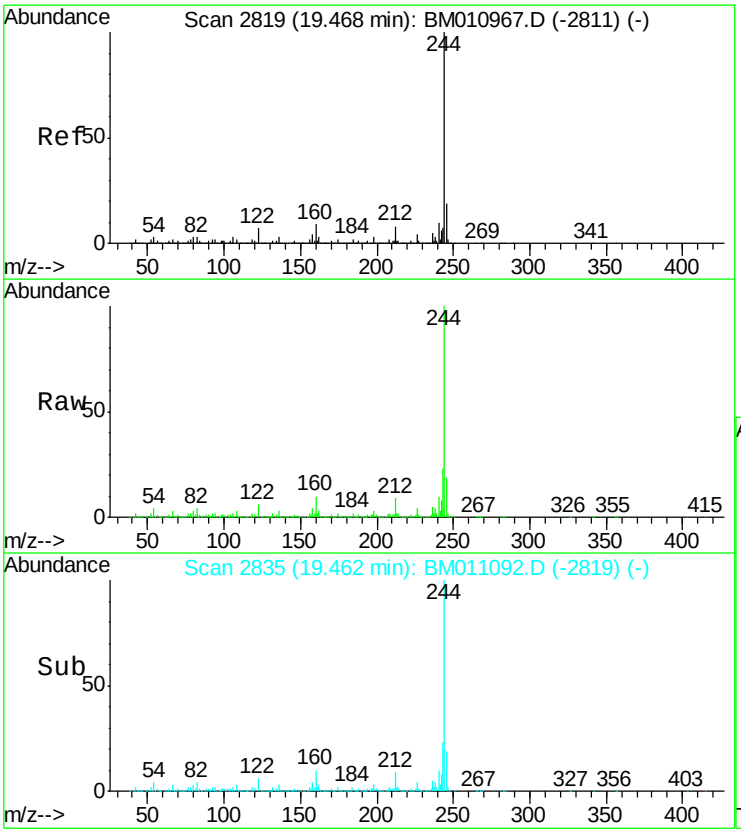
#76
Benzidine
Concen: 290.98 ng
RT: 19.09 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 7833672

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.6	8.9	13.3

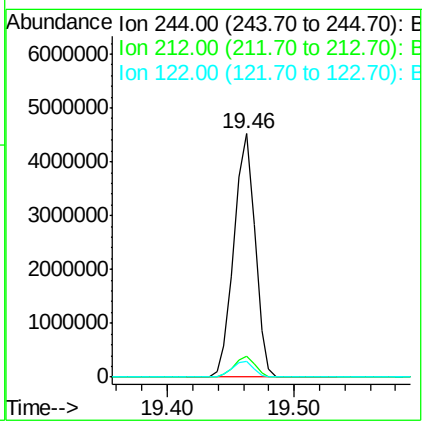


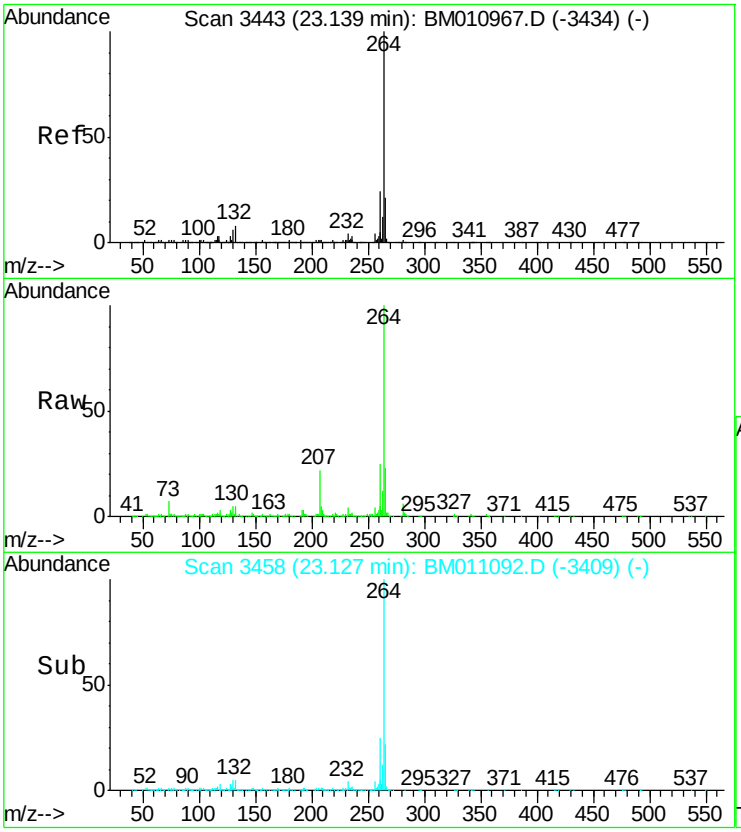


#78
Terphenyl-d14
Concen: 91.22 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:244 Resp: 5182604

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 955199

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.7	17.3	25.9