Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
Data File : BM010894.D
Acq On : 19 Jul 2017 15:37
Operator : SJ/JU
Sample : I4234-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 20 01:08:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	220326	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	822058	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	509870	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1134625	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1122140	20.00	ng	0.00
86) Perylene-d12	23.19	264	966367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	842094	63.31	ng	0.00
7) Phenol-d6	6.63	99	1104475	60.23	ng	0.00
23) Nitrobenzene-d5	8.59	82	1846903	86.36	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	538077	69.06	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3650716	89.07	ng	0.00
78) Terphenyl-d14	19.50	244	4912141	84.66	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.79	93	48659	2.12	ng	96
20) 3+4-Methylphenols	8.20	107	48618	2.79	ng	83
76) Benzidine	19.13	184	6437452	214.38	ng	100

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

Quantitation Report (Not Reviewed)

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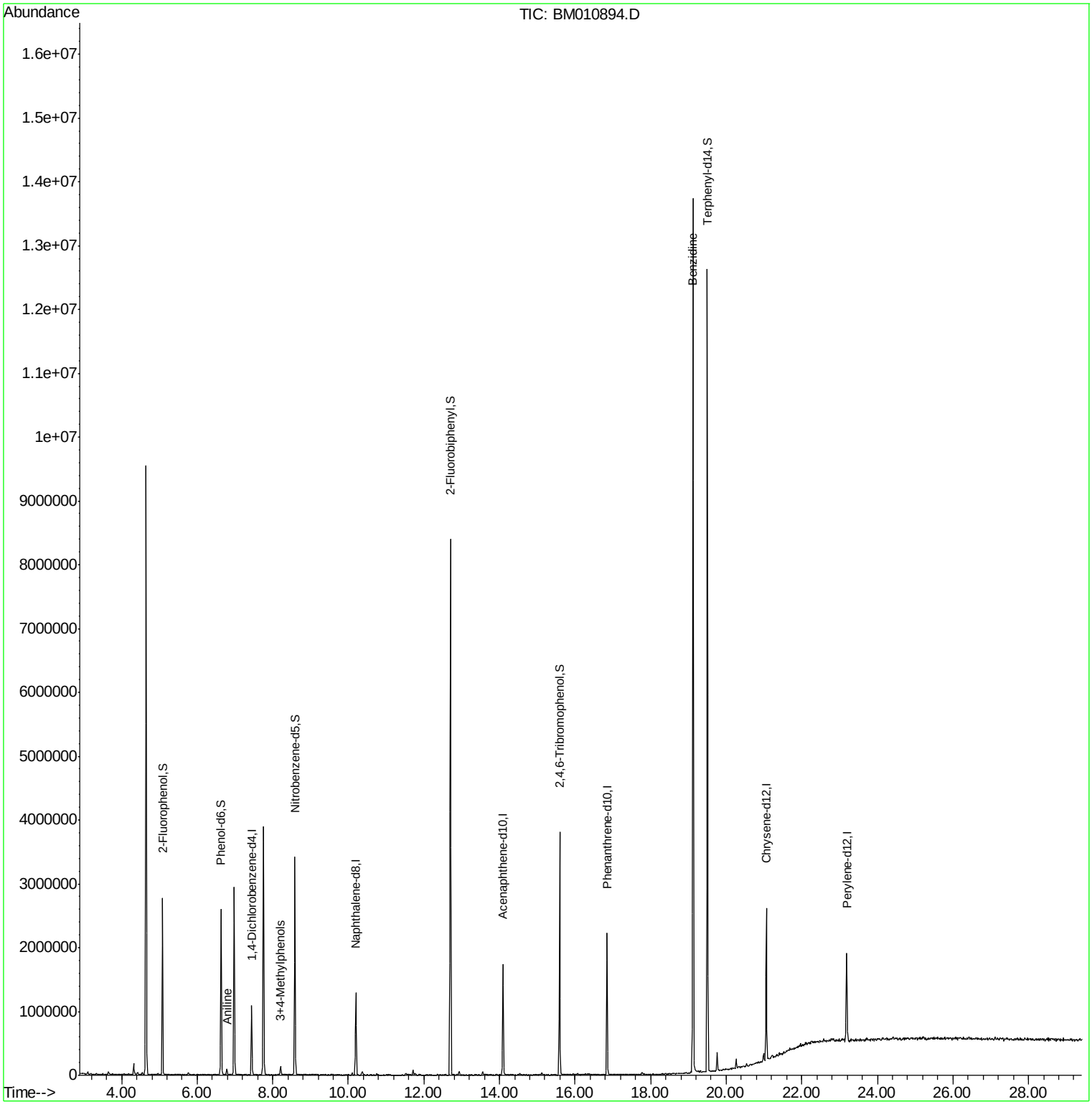
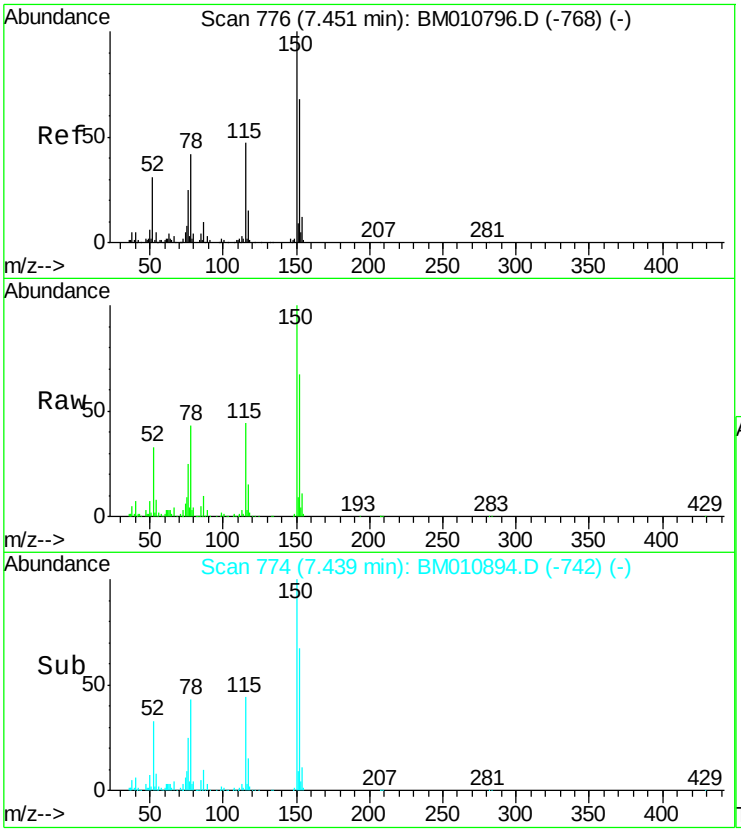


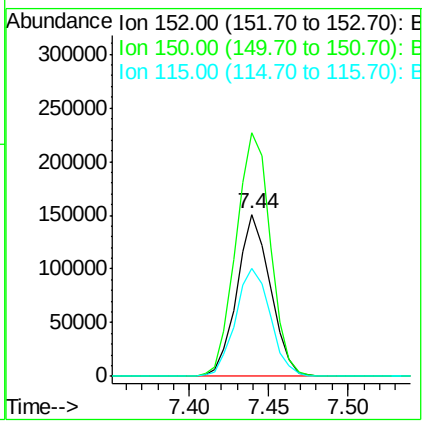


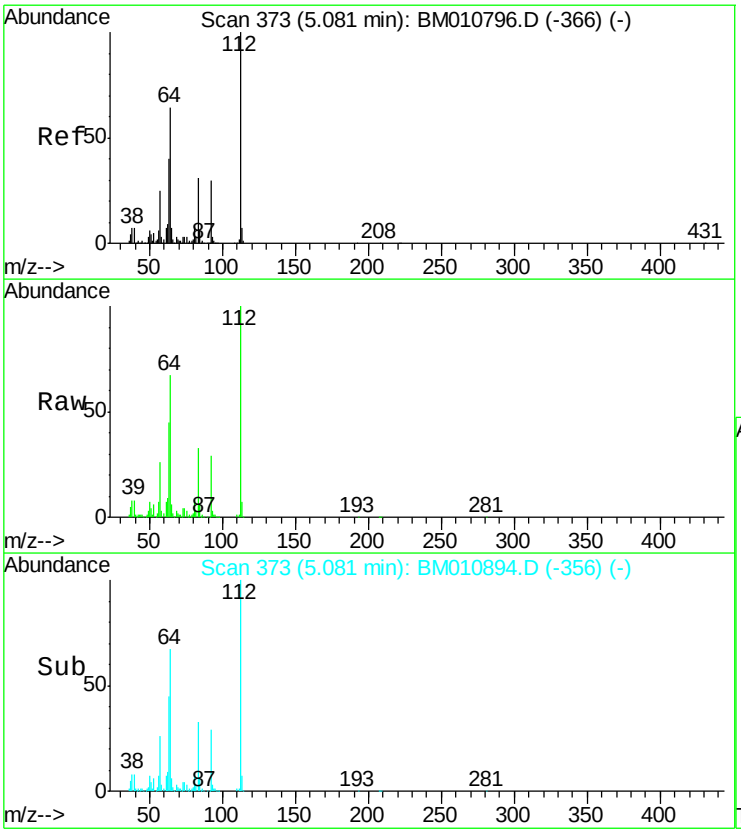
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 220326

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	66.4	43.0	64.4#

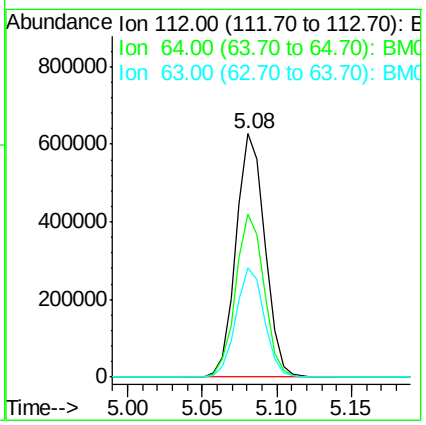


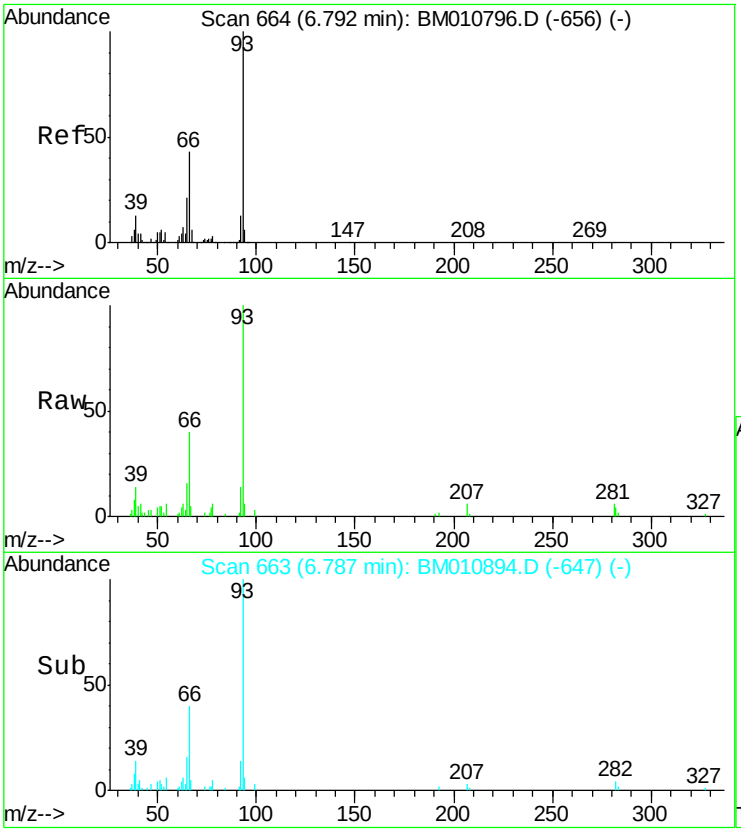


#5
2-Fluorophenol
Concen: 63.31 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:112 Resp: 842094

Ion	Ratio	Lower	Upper
112	100		
64	66.9	38.6	57.8#
63	45.1	19.3	28.9#



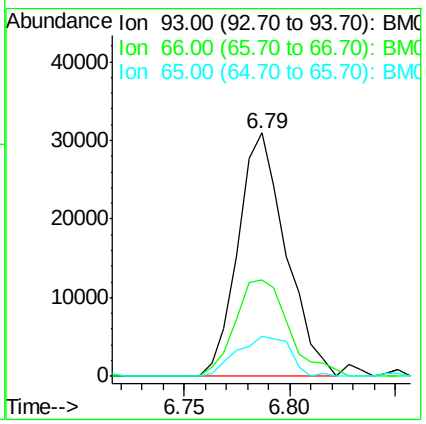


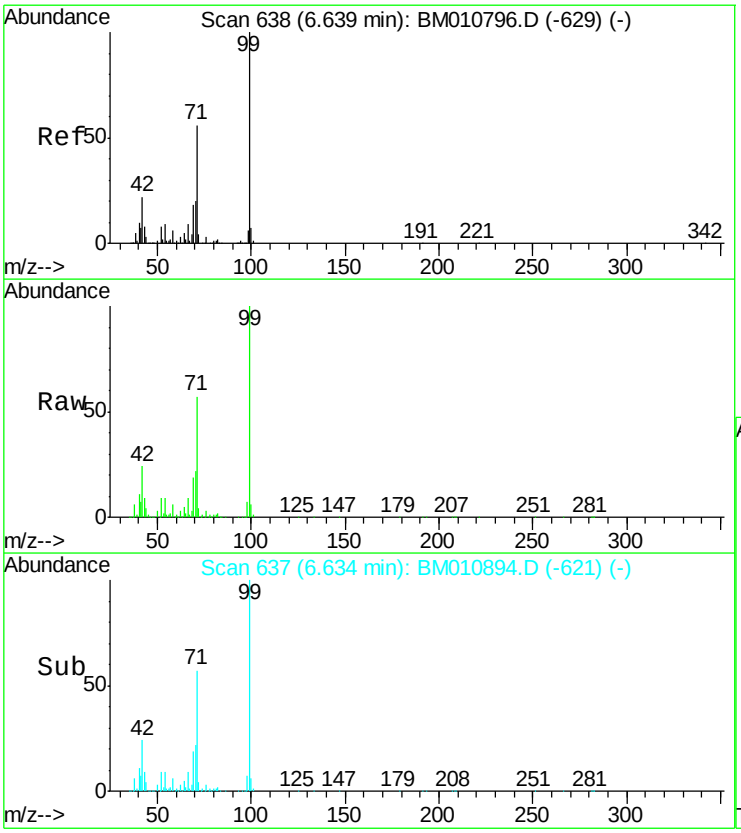
#6
Aniline
Concen: 2.12 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 48659

Ion	Ratio	Lower	Upper
93	100		
66	39.8	30.8	46.2
65	16.2	16.0	24.0

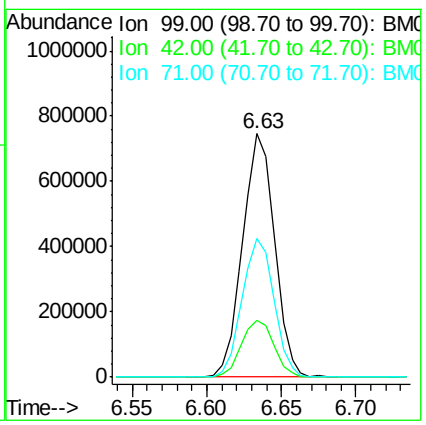


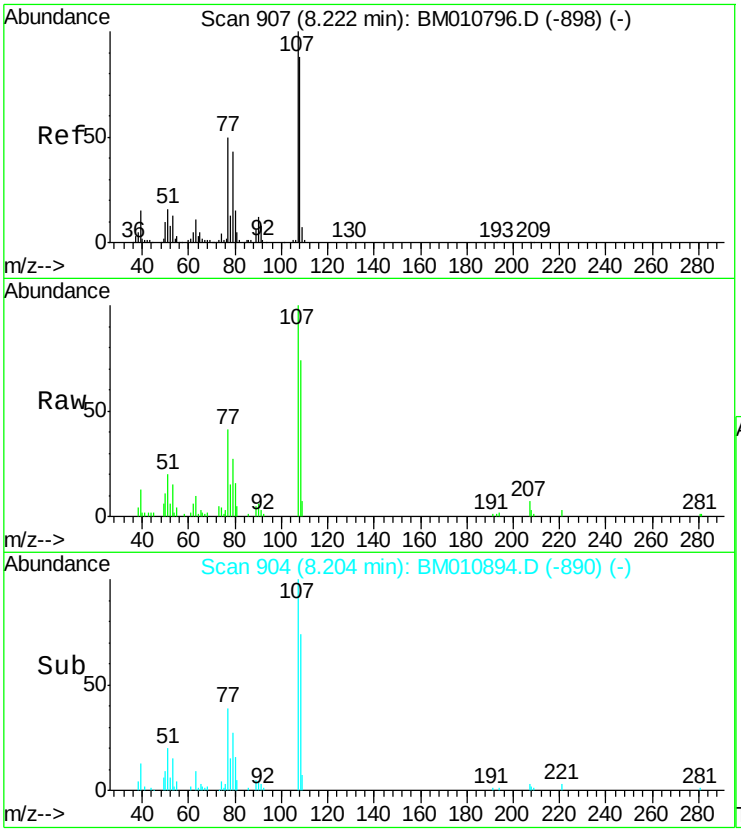


#7
Phenol-d6
Concen: 60.23 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion: 99 Resp: 1104475

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.0	16.4#
71	56.9	23.4	35.2#



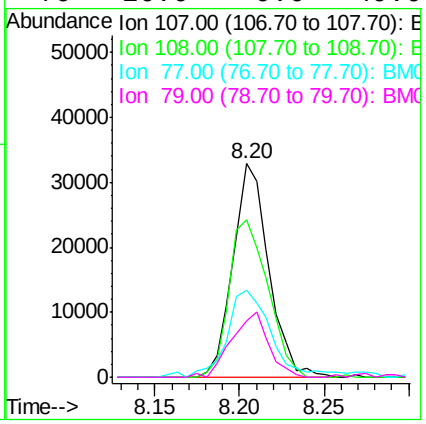


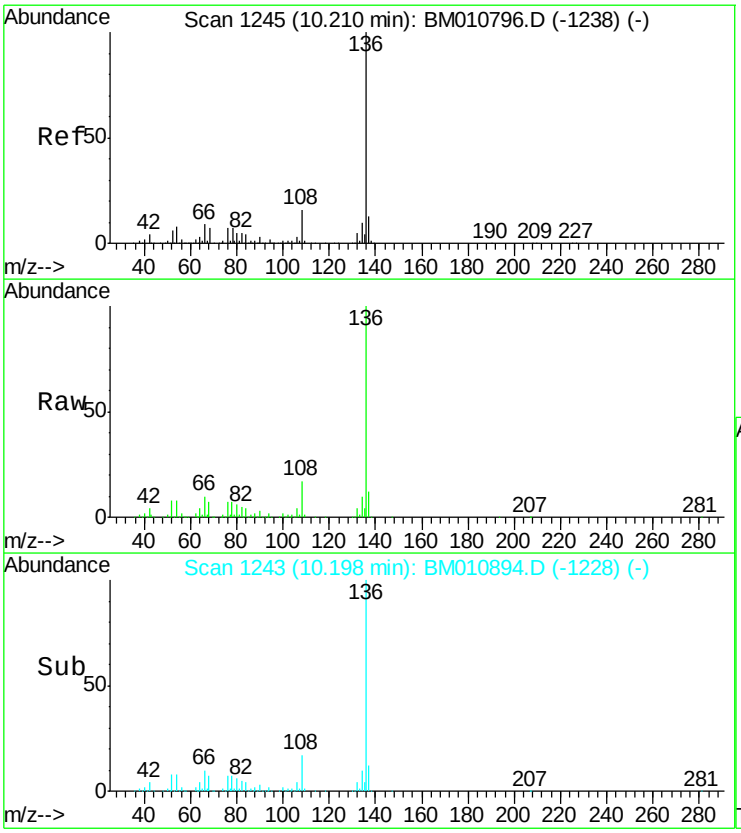
#20
3+4-Methylphenols
Concen: 2.79 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 48618

Ion	Ratio	Lower	Upper
107	100		
108	73.7	73.2	113.2
77	40.7	10.7	50.7
79	26.6	9.6	49.6

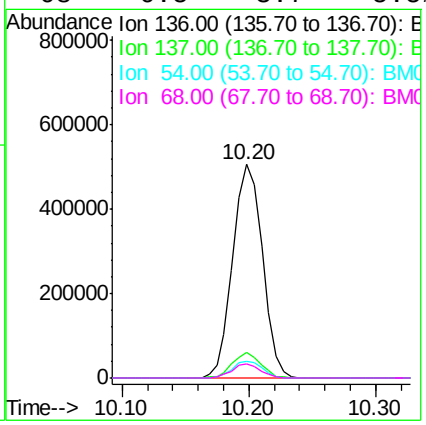


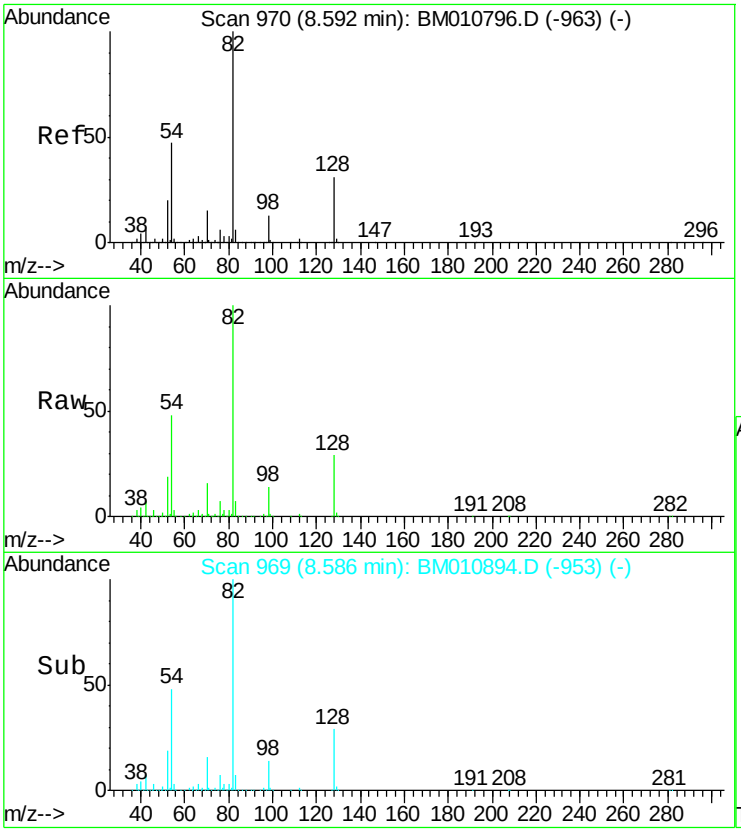


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:136 Resp: 822058

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.9	4.6	6.8#
68	6.5	3.7	5.5#



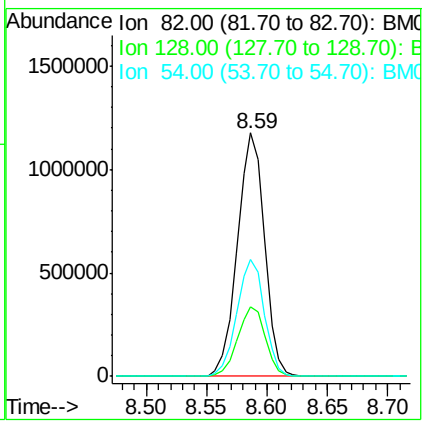


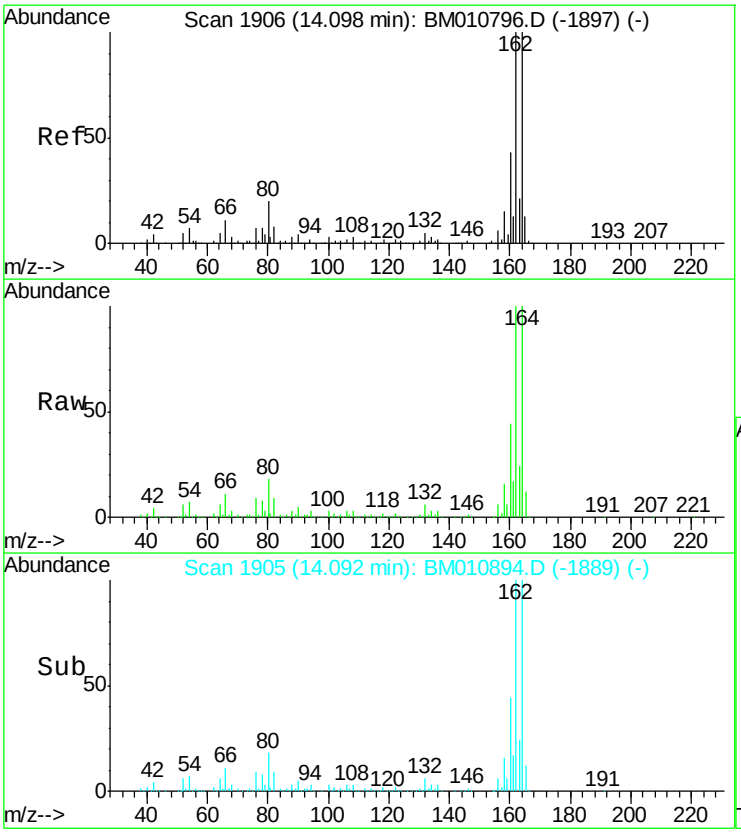
#23
Nitrobenzene-d5
Concen: 86.36 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1846903

Ion	Ratio	Lower	Upper
82	100		
128	28.8	32.8	49.2#
54	48.0	40.6	60.8

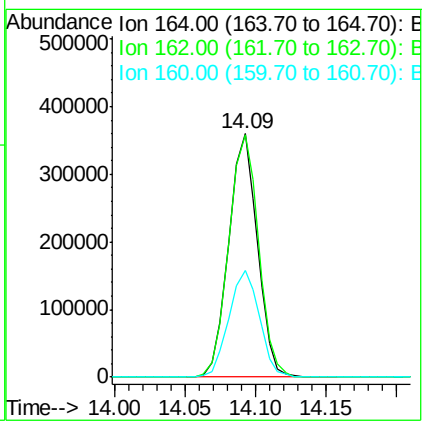


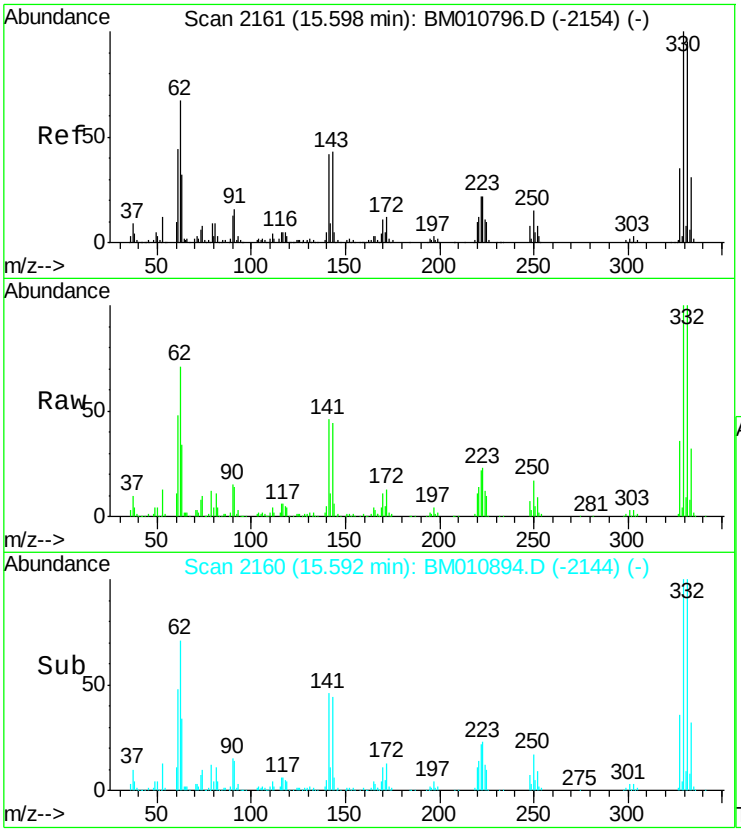


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:164 Resp: 509870

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	43.8	35.8	53.6



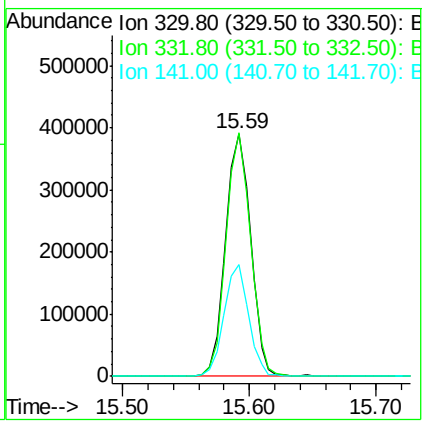


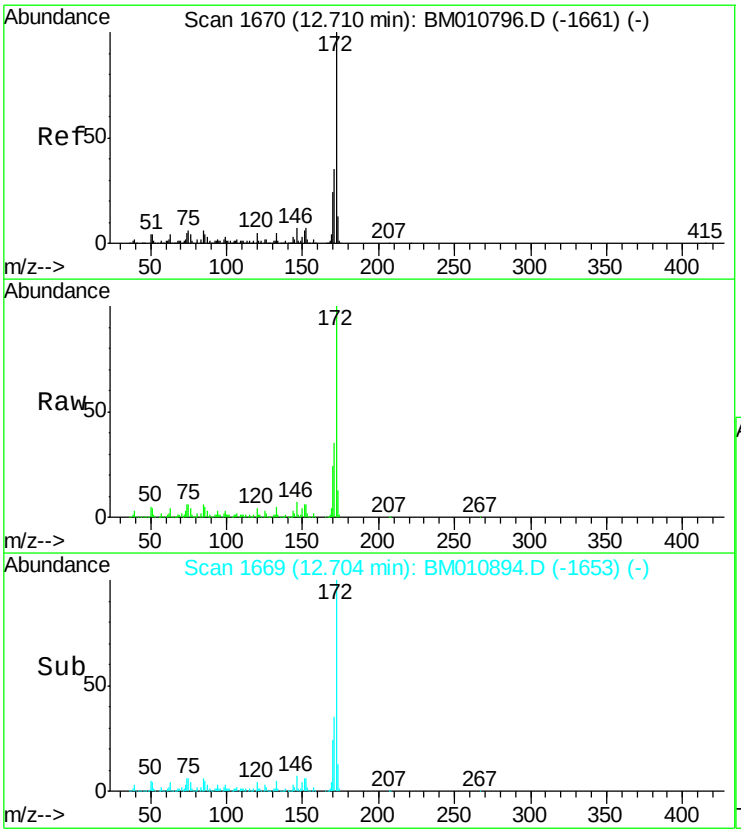
#41
2,4,6-Tribromophenol
Concen: 69.06 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 538077

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	44.9	0.0	0.0#

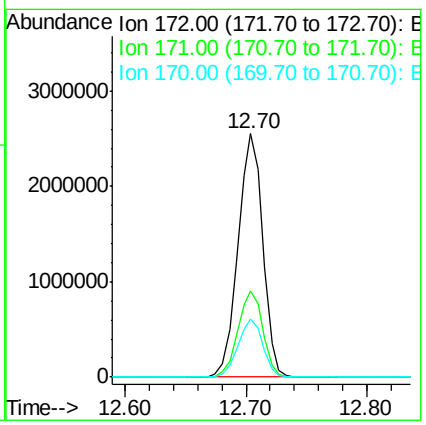


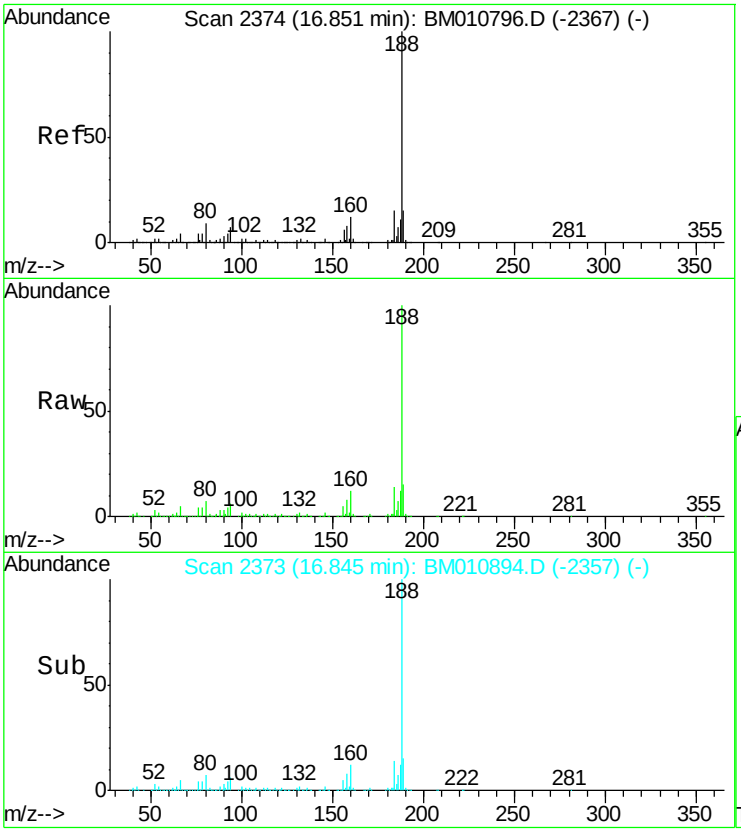


#44
2-Fluorobiphenyl
Concen: 89.07 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:172 Resp: 3650716

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.8	18.8	28.2



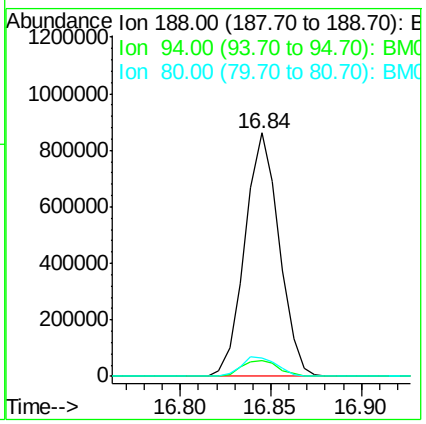


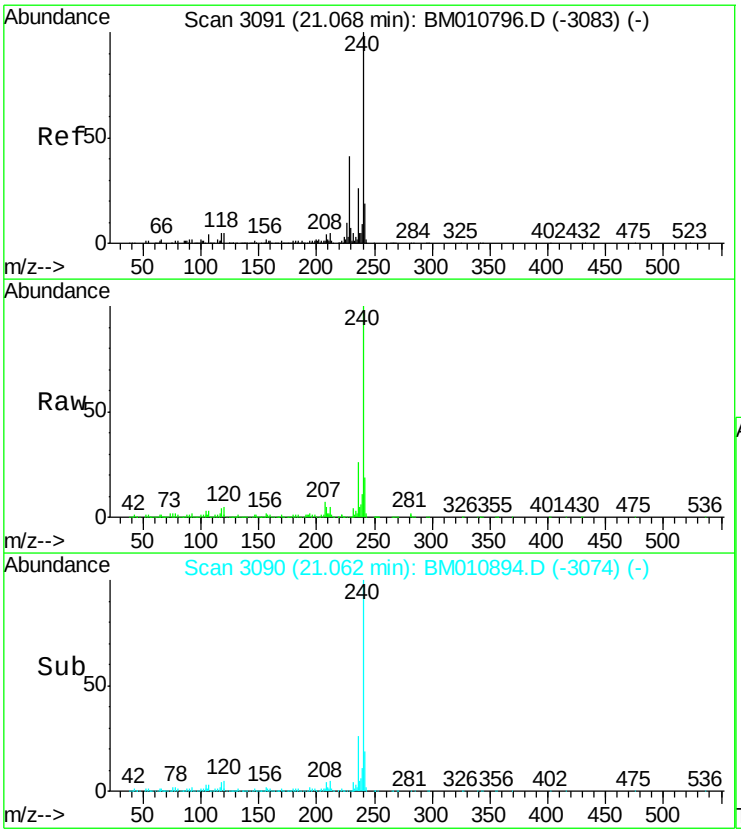
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1134625

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.4	9.3	13.9#

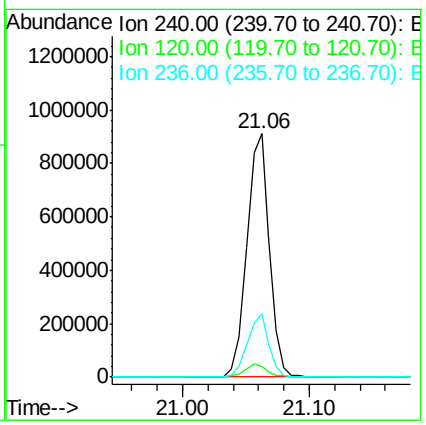


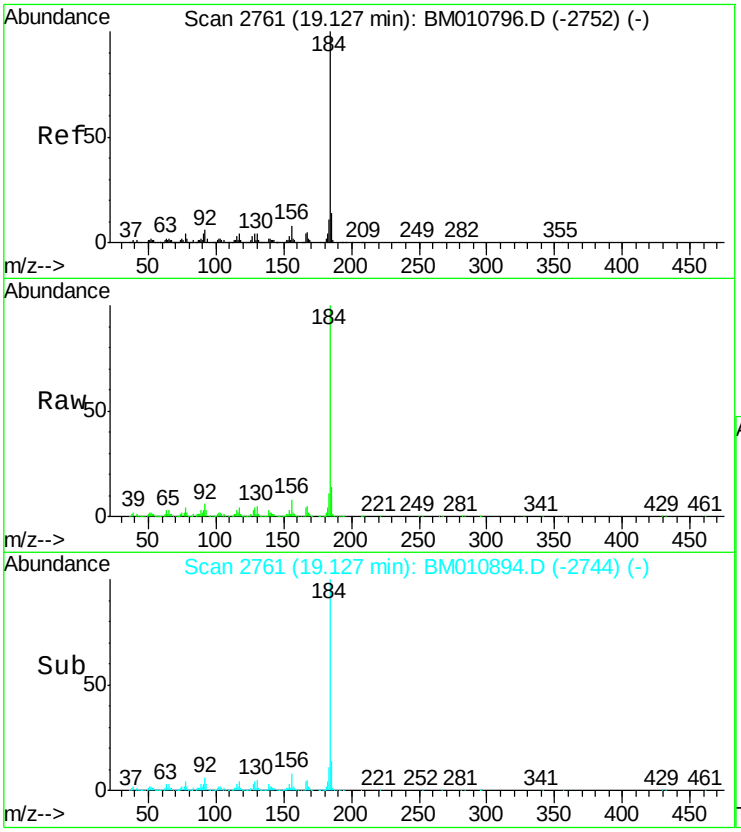


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:240 Resp: 1122140

Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	25.8	20.0	30.0



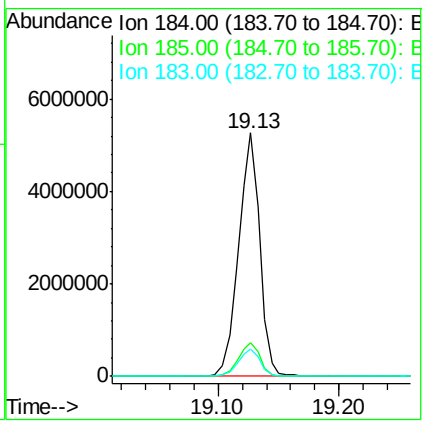


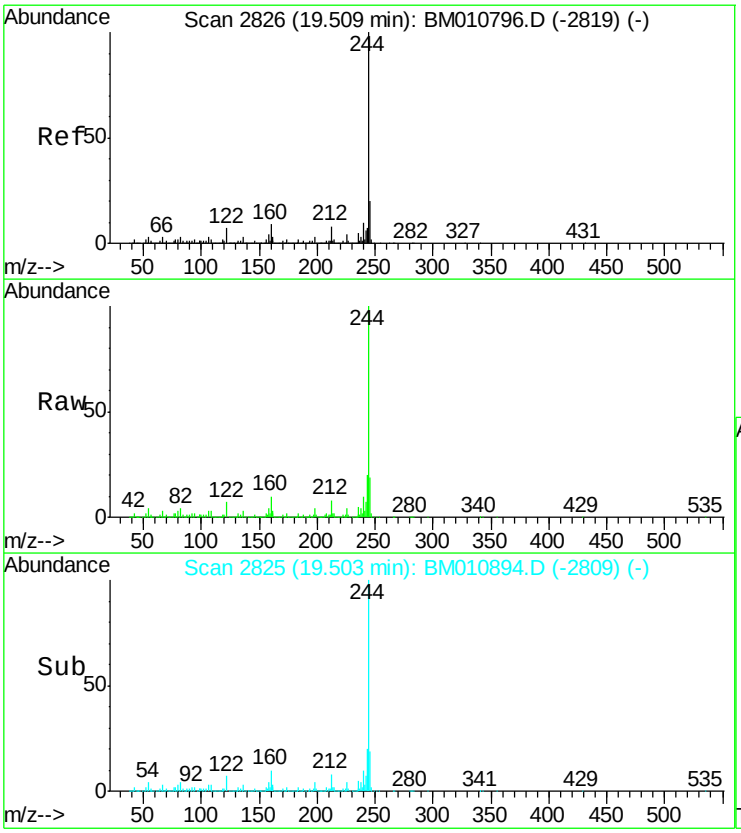
#76
Benzidine
Concen: 214.38 ng
RT: 19.13 min Scan# 2761
Delta R.T. 0.00 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 6437452

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.2	8.9	13.3

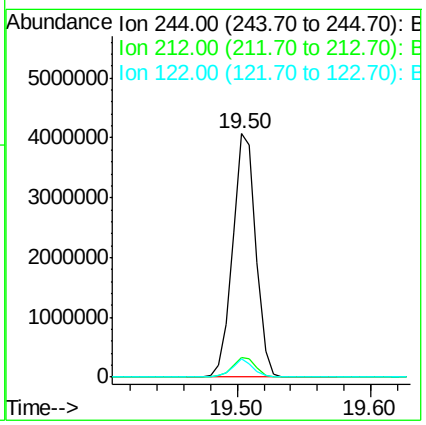


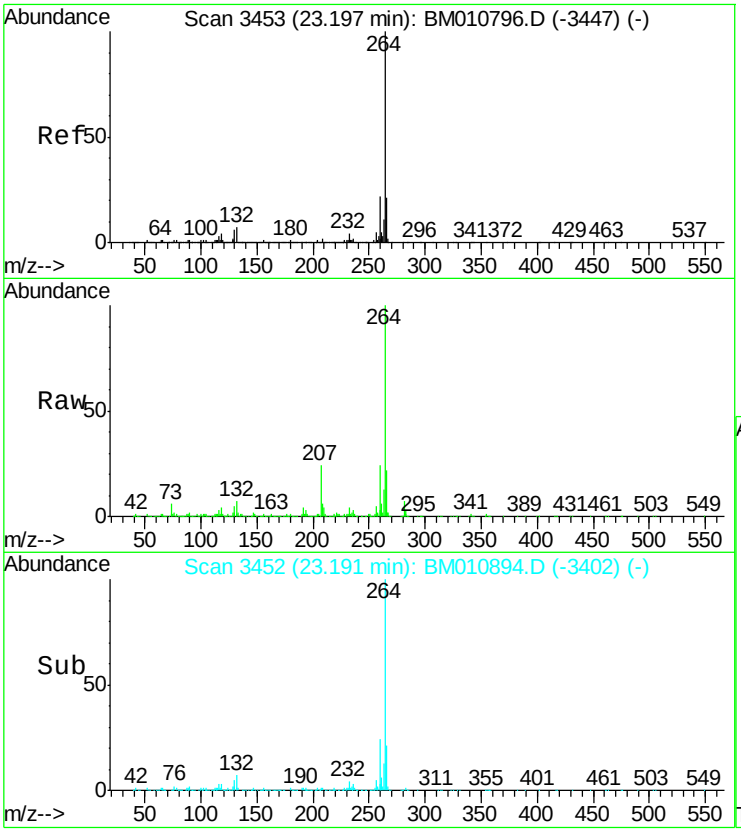


#78
Terphenyl-d14
Concen: 84.66 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Tgt Ion:244 Resp: 4912141

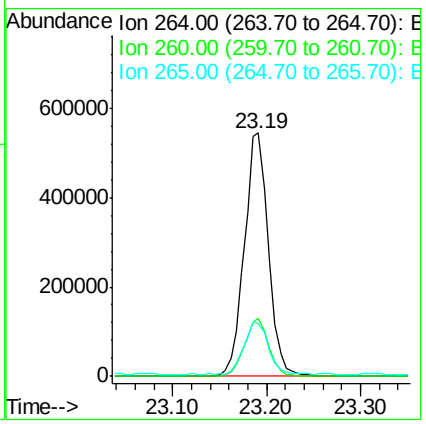
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	7.3	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010894.D
Acq: 19 Jul 2017 15:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 966367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.8	17.3	25.9