Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010851.D
Acq On : 18 Jul 2017 01:09
Operator : SJ/JU
Sample : I4203-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NB-SB03B

Quant Time: Jul 18 05:43:34 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	7.45	152	225711	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	874968	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	571422	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1458939	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1907729	20.00	ng	0.00
86) Perylene-d12	23.19	264	1677714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1375795	100.97	ng	0.00
7) Phenol-d6	6.63	99	1850745	98.53	ng	0.00
23) Nitrobenzene-d5	8.59	82	1445915	63.52	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	850269	97.37	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	2896350	63.06	ng	0.00
78) Terphenyl-d14	19.51	244	5246352	53.19	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.66	94	74695	3.761	ng	83
49) Dimethylphthalate	13.56	163	263968	5.430	ng	97

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

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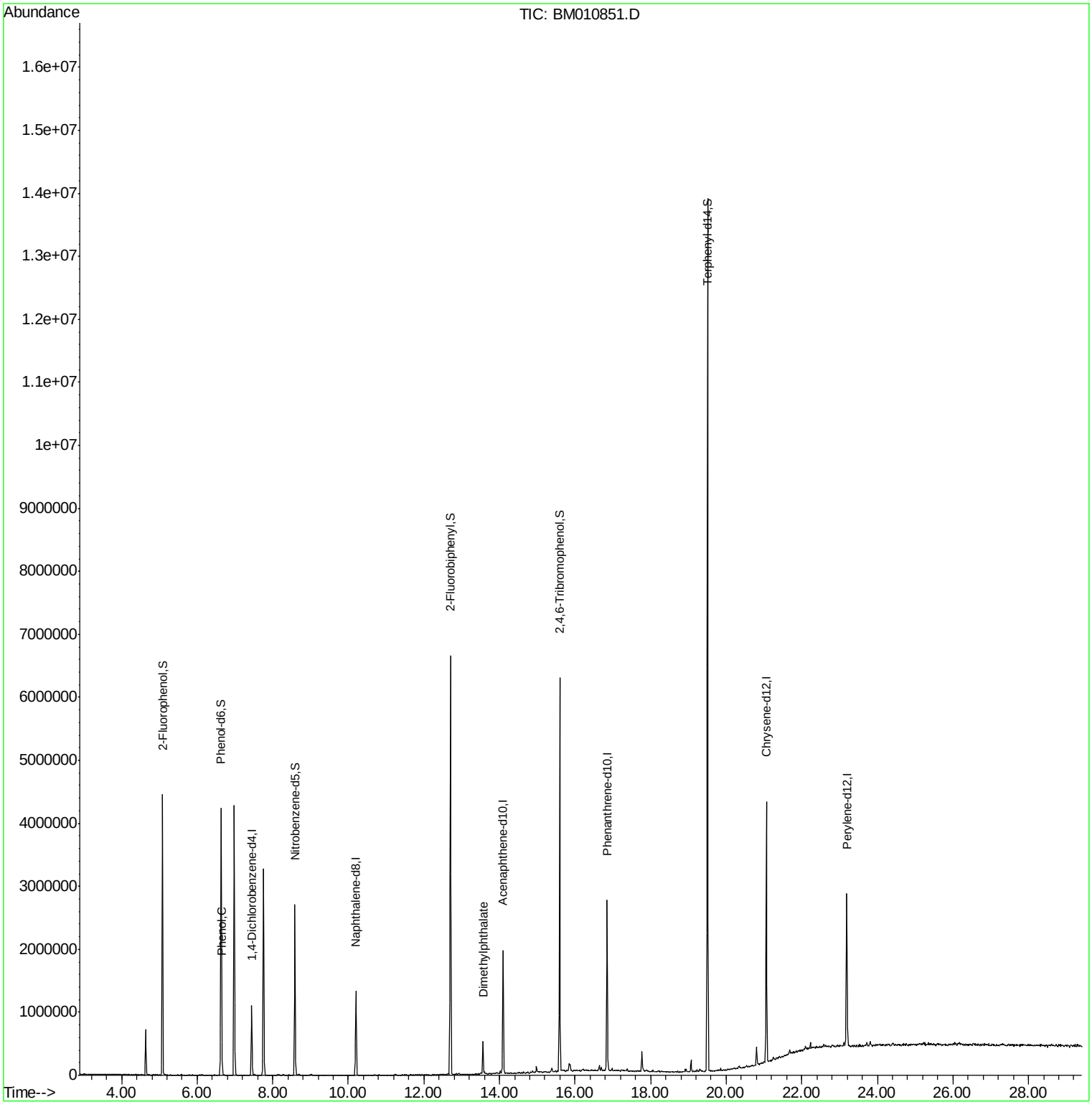
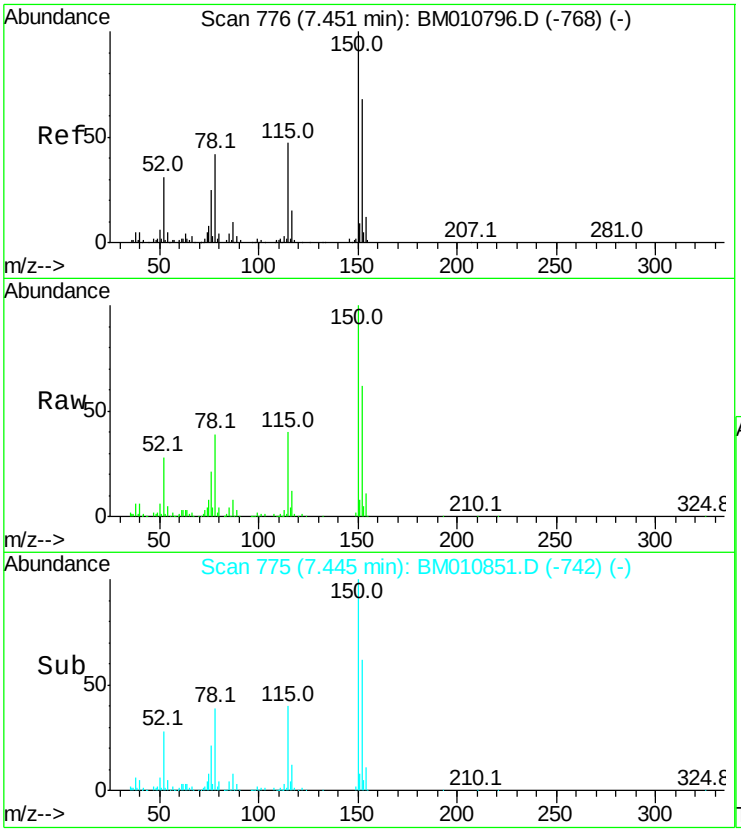


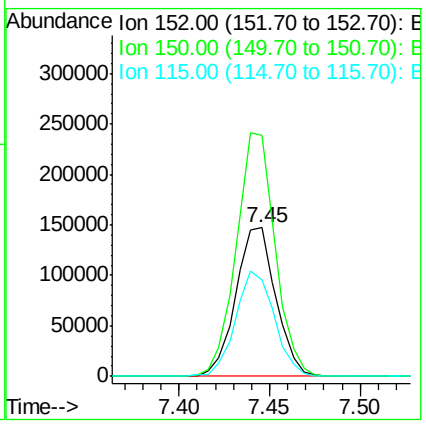


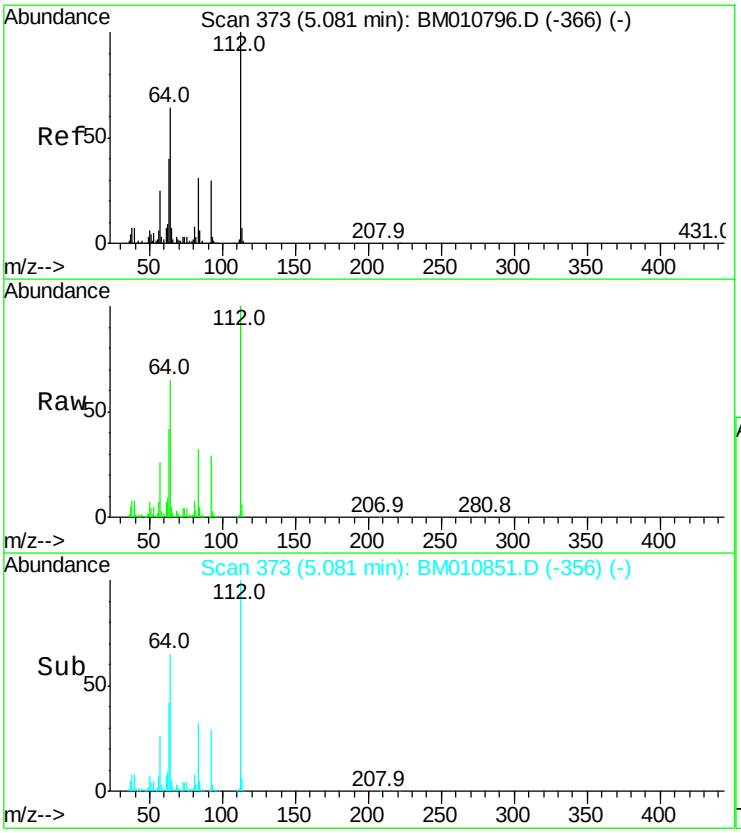
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:152 Resp: 225711

Ion	Ratio	Lower	Upper
152	100		
150	162.6	119.5	179.3
115	65.3	43.0	64.4#

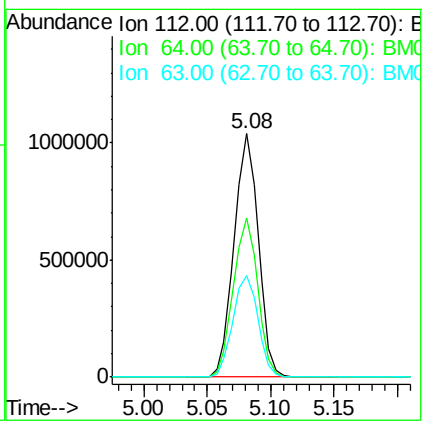


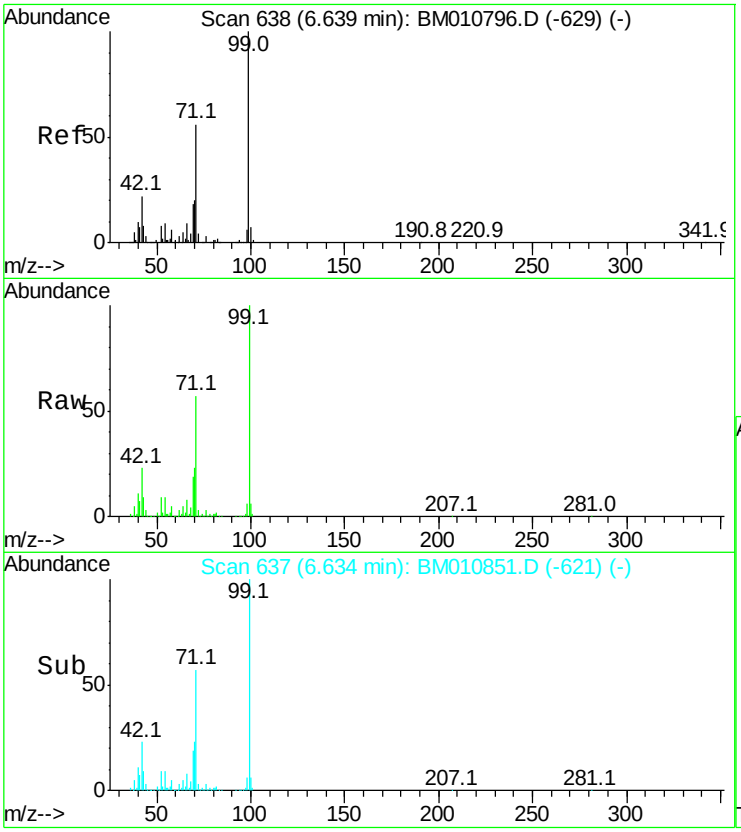


#5
2-Fluorophenol
Concen: 100.969 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion:112 Resp: 1375795

Ion	Ratio	Lower	Upper
112	100		
64	65.1	38.6	57.8#
63	41.7	19.3	28.9#



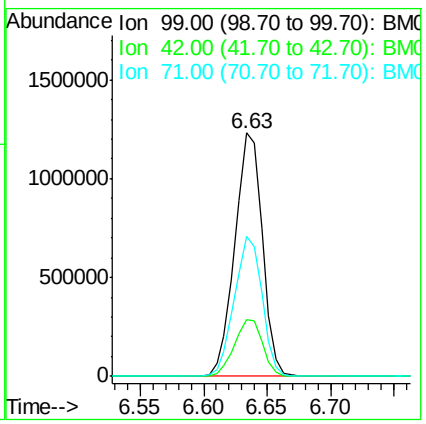


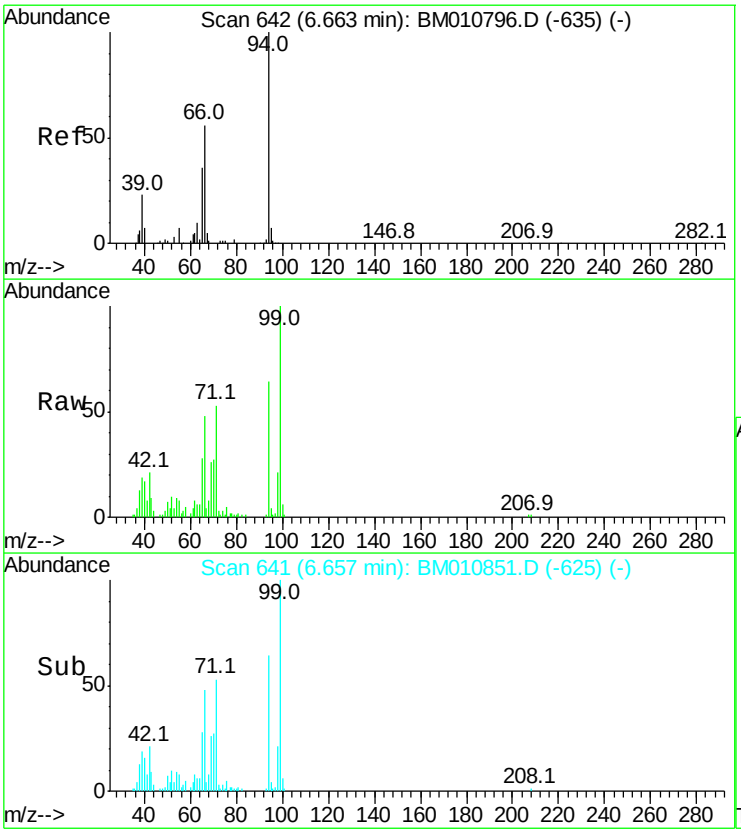
#7
Phenol-d6
Concen: 98.525 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion: 99 Resp: 1850745

Ion	Ratio	Lower	Upper
99	100		
42	23.3	11.0	16.4#
71	57.4	23.4	35.2#

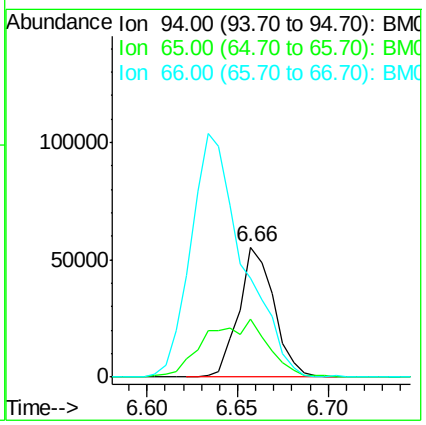


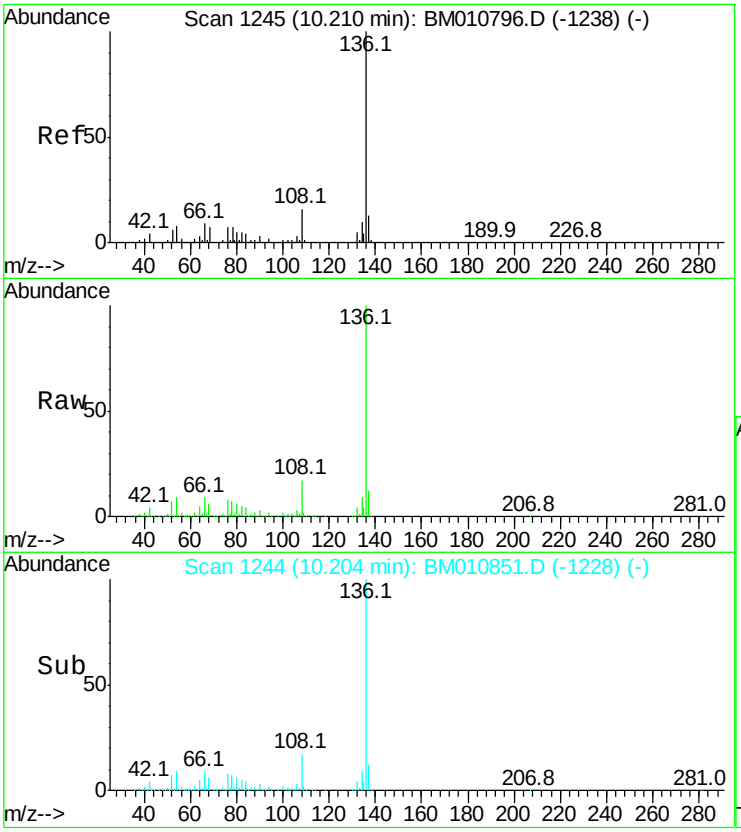


#10
Phenol
Concen: 3.761 ng
RT: 6.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion: 94 Resp: 74695

Ion	Ratio	Lower	Upper
94	100		
65	44.7	18.8	58.8
66	76.3	39.9	79.9



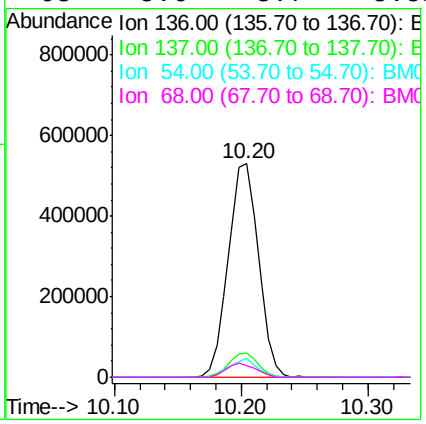


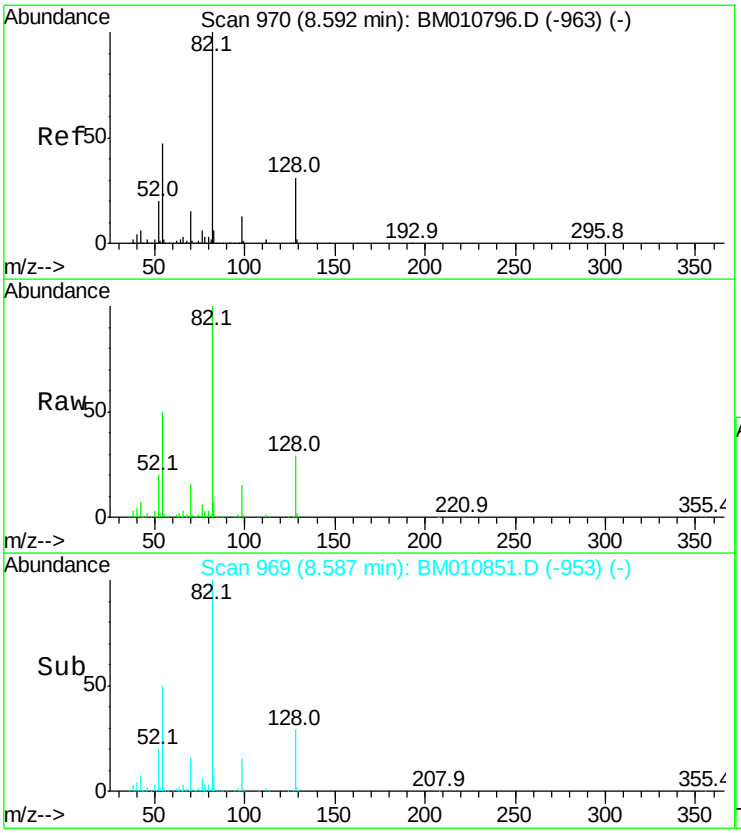
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:136 Resp: 874968

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.8	4.6	6.8#
68	5.6	3.7	5.5#

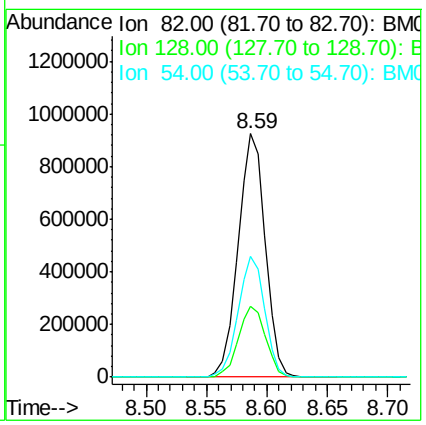


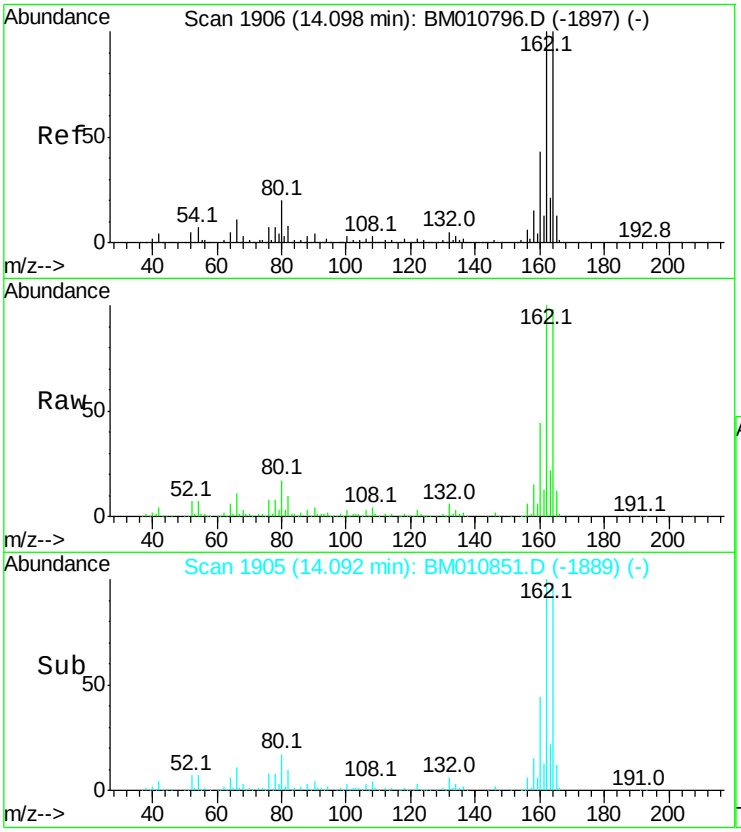


#23
Nitrobenzene-d5
Concen: 63.519 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion: 82 Resp: 1445915

Ion	Ratio	Lower	Upper
82	100		
128	29.3	32.8	49.2#
54	49.5	40.6	60.8



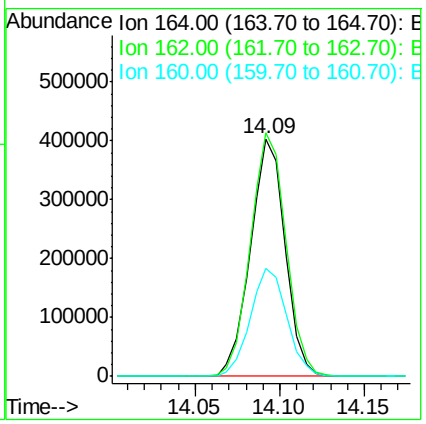


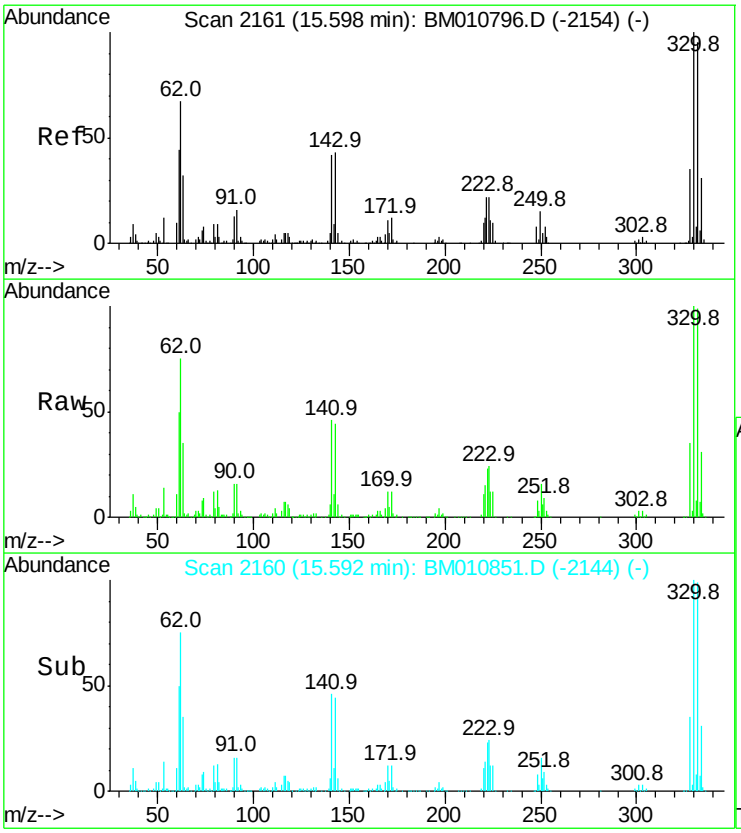
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:164 Resp: 571422

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	45.4	35.8	53.6

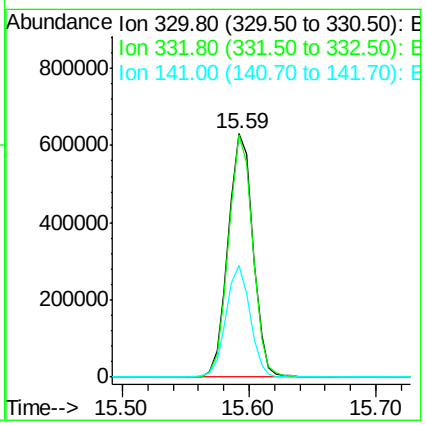


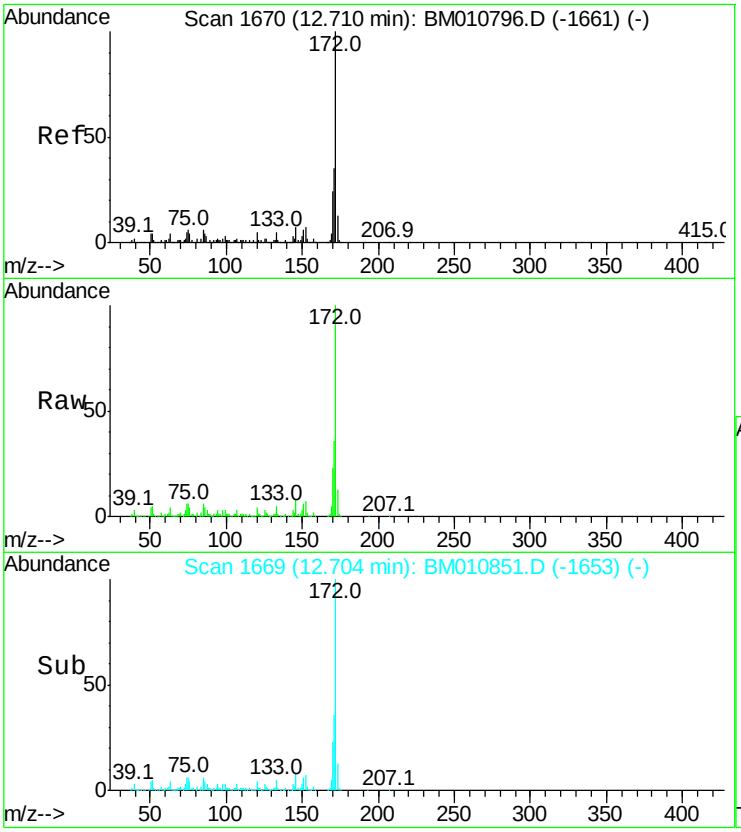


#41
2,4,6-Tribromophenol
Concen: 97.369 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion:330 Resp: 850269

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	44.4	0.0	0.0#



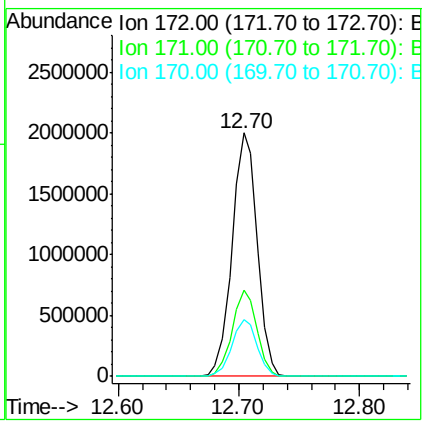


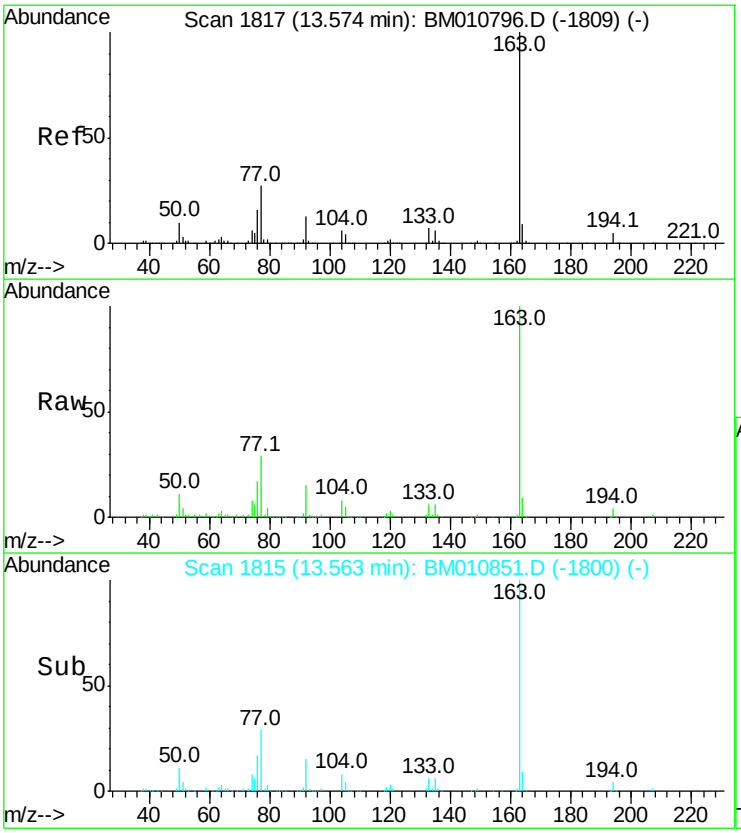
#44
2-Fluorobiphenyl
Concen: 63.055 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:172 Resp: 2896350

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.3	18.8	28.2

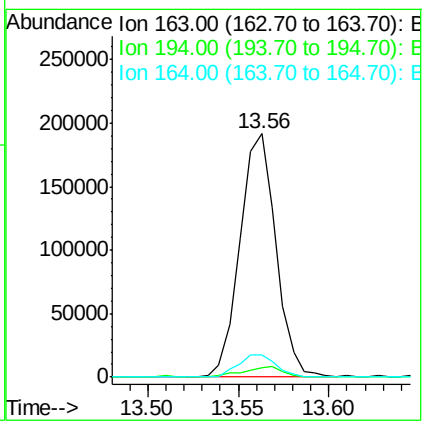


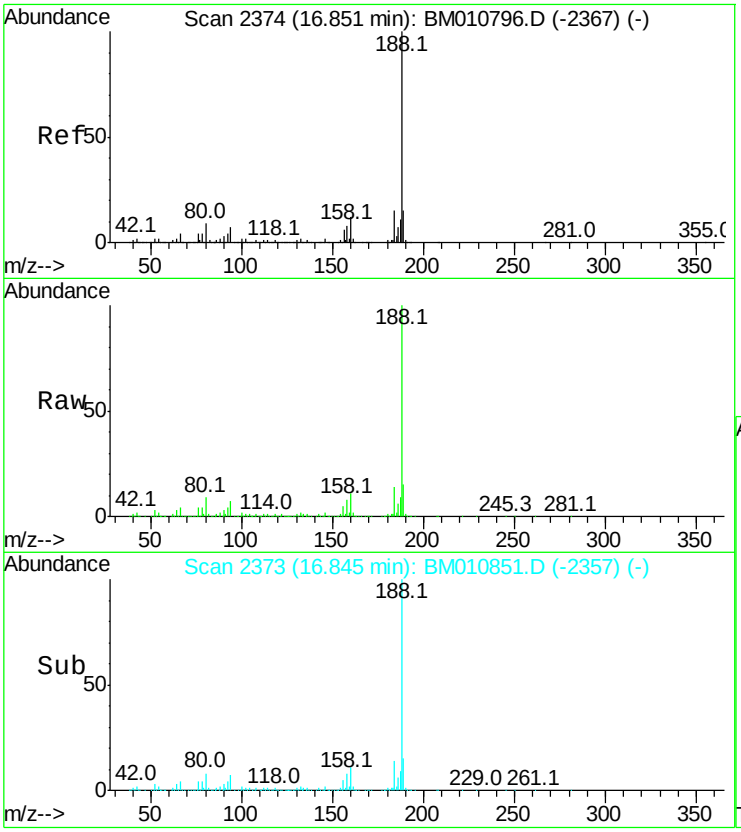


#49
Dimethylphthalate
Concen: 5.430 ng
RT: 13.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion:163 Resp: 263968

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.2	8.2	12.2



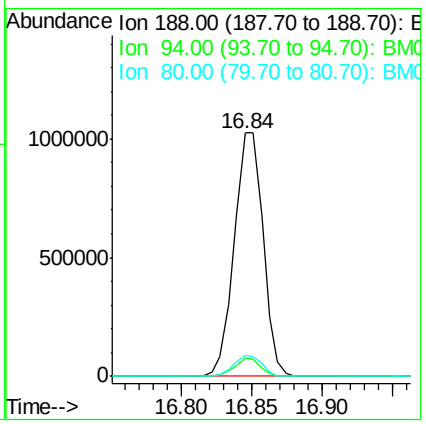


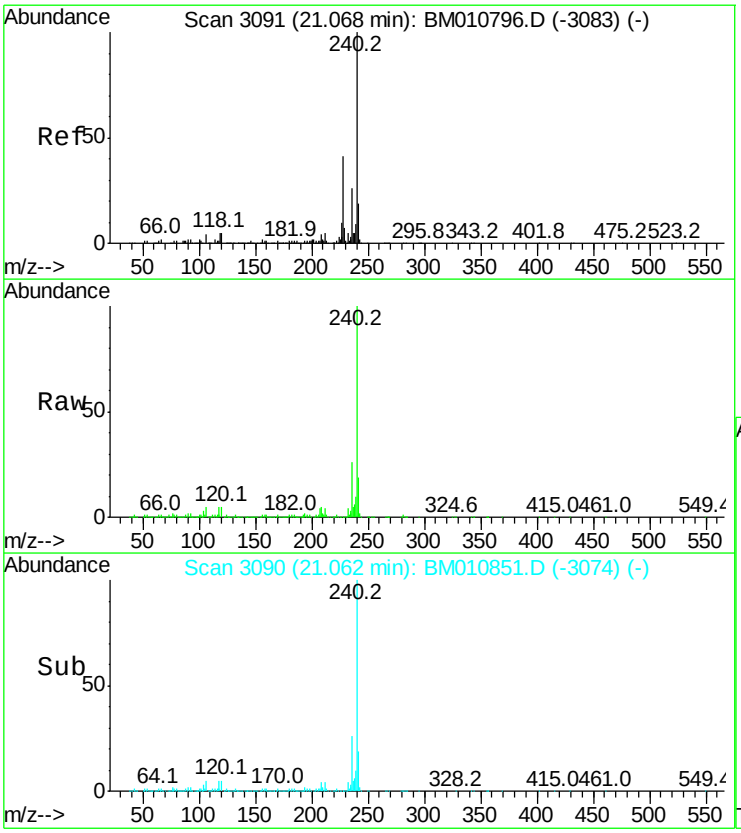
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:188 Resp: 1458939

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.6	9.3	13.9#

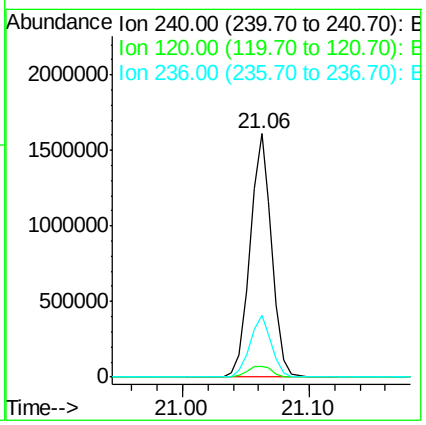


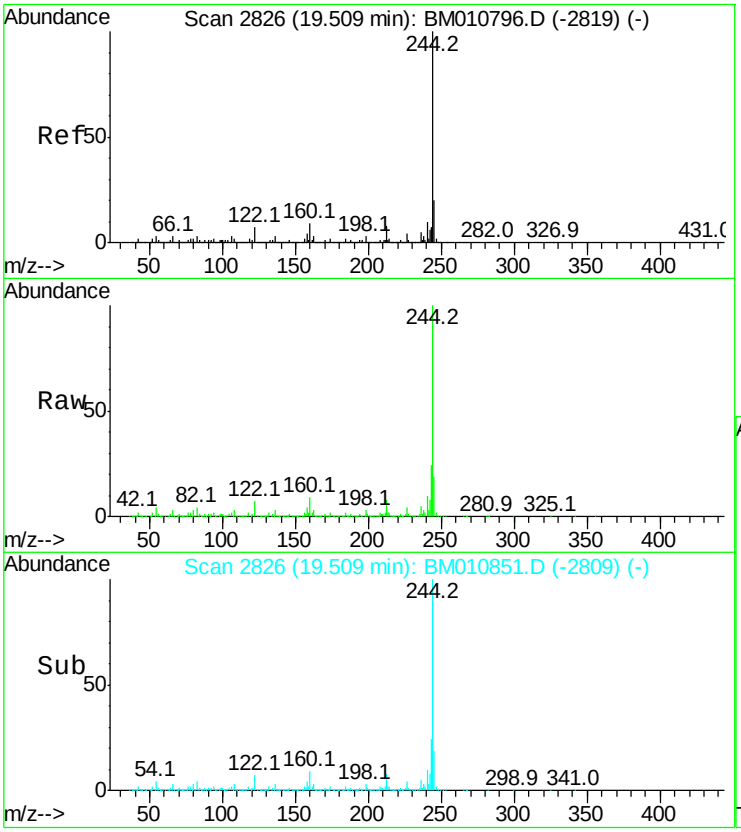


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion:240 Resp: 1907729

Ion	Ratio	Lower	Upper
240	100		
120	4.6	8.2	12.2#
236	25.6	20.0	30.0



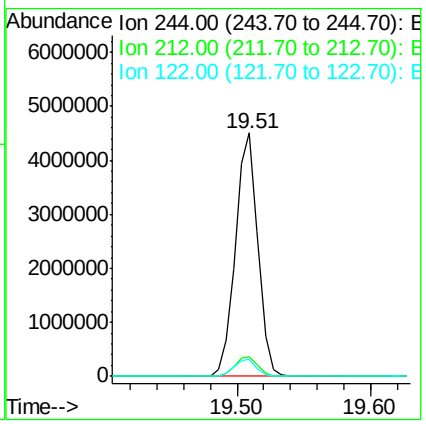


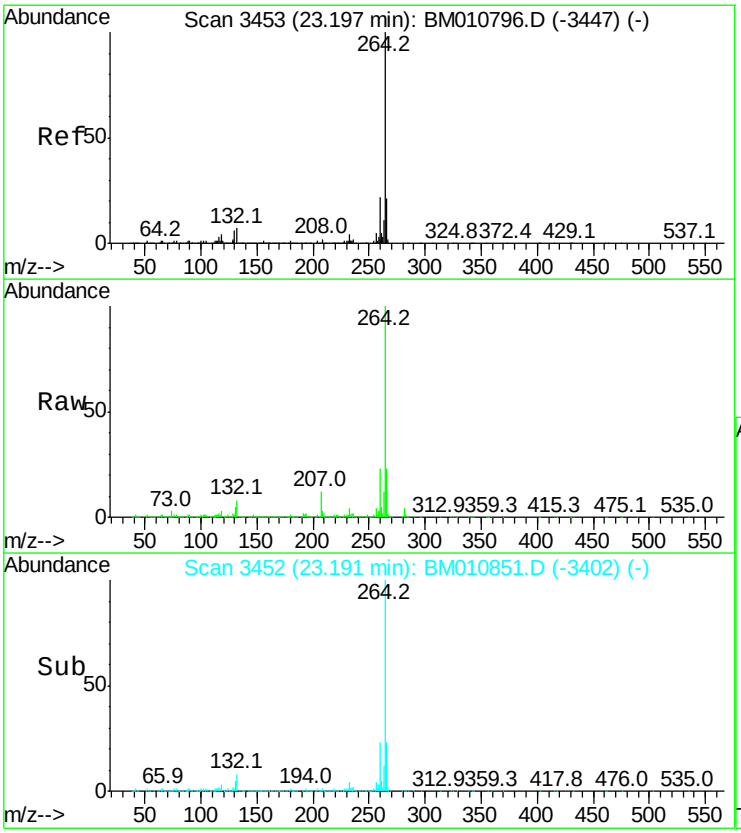
#78
Terphenyl-d14
Concen: 53.189 ng
RT: 19.51 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Instrument :
BNA_M
ClientSampleId :
NB-SB03B

Tgt Ion:244 Resp: 5246352

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	7.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010851.D
Acq: 18 Jul 2017 01:09

Tgt Ion:264 Resp: 1677714

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	23.3	17.3	25.9