Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010927.D
Acq On : 21 Jul 2017 02:17
Operator : SJ/JU
Sample : I4274-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-COMB-6

Quant Time: Jul 21 04:33:23 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	7.43	152	201122	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	779829	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	491064	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1108028	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	1127521	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1130208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1559576	128.45	ng	0.00
7) Phenol-d6	6.63	99	2043886	122.11	ng	0.00
23) Nitrobenzene-d5	8.58	82	1973764	97.29	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	965692	128.68	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3960772	100.34	ng	-0.01
78) Terphenyl-d14	19.50	244	4853995	83.26	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.20	107	409703	25.765	ng	83
76) Benzidine	19.12	184	582845	19.317	ng	98

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

Quantitation Report (QT Reviewed)

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Misc :
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BNA_M
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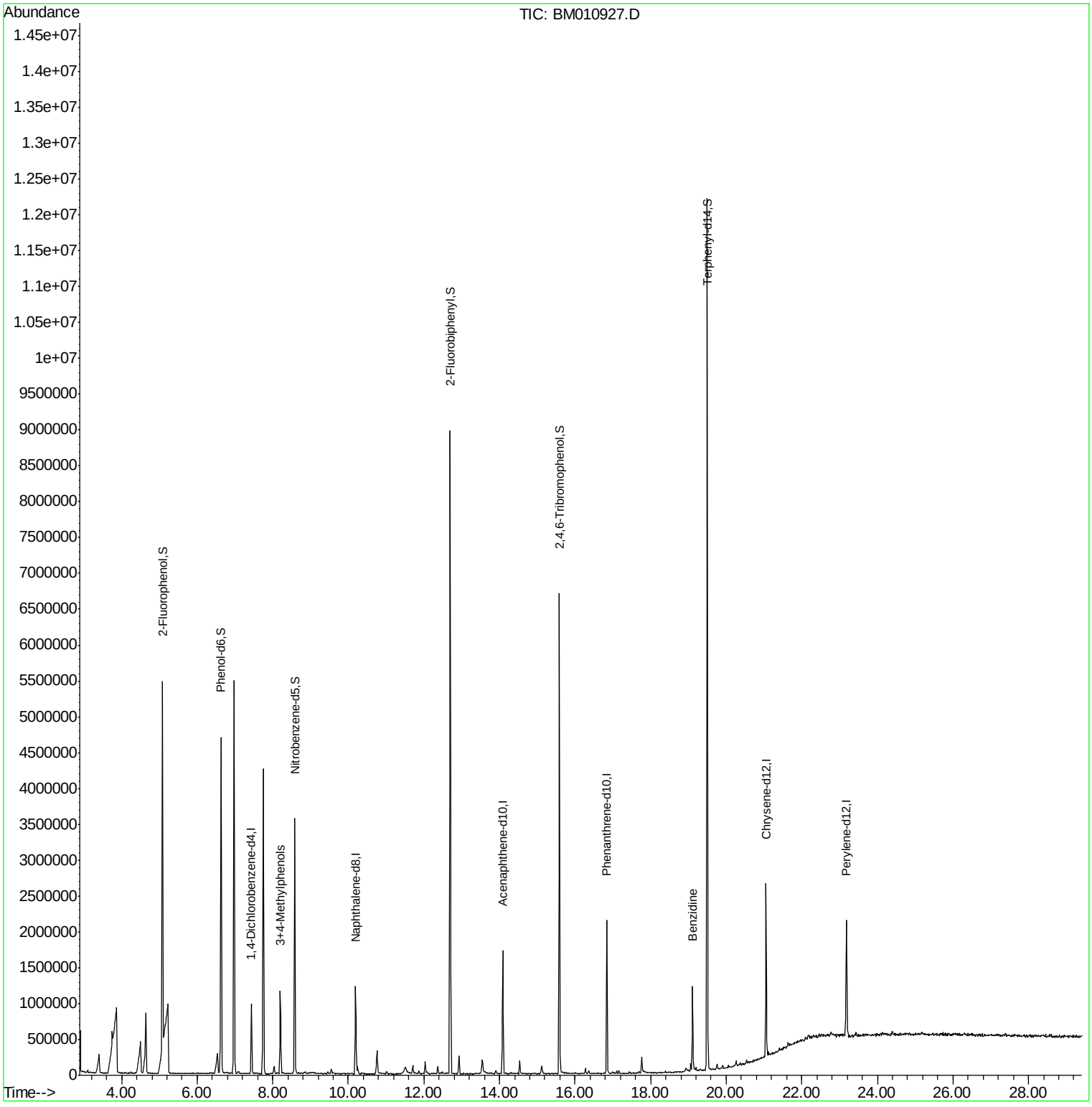
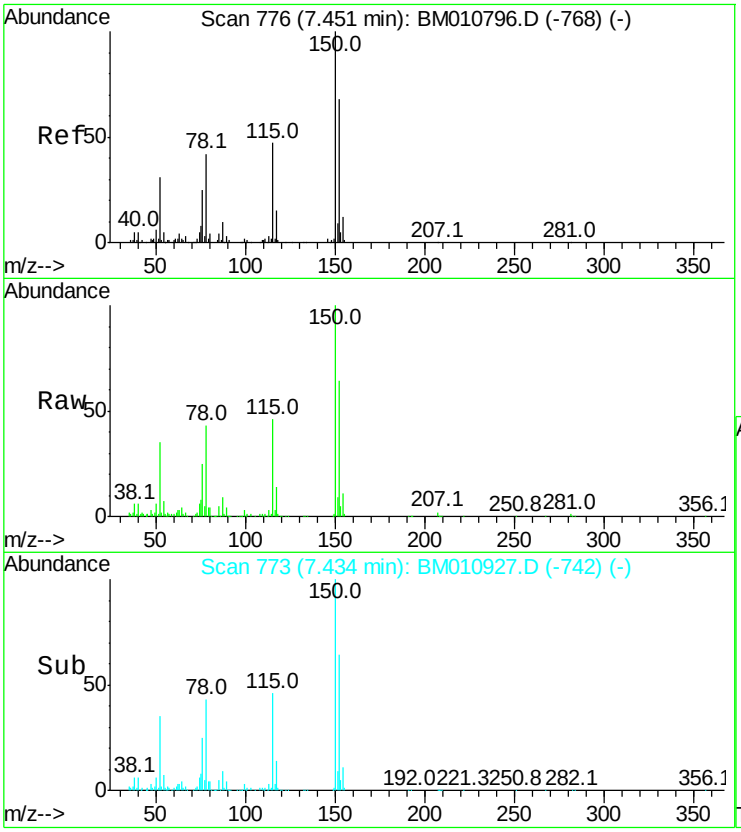


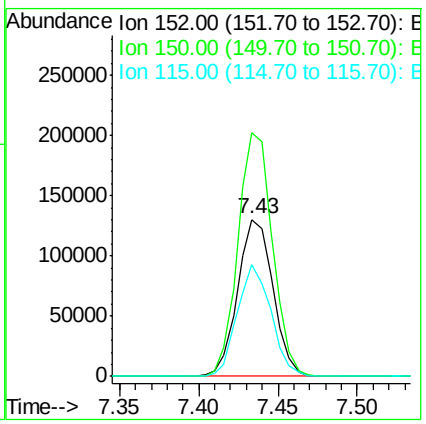


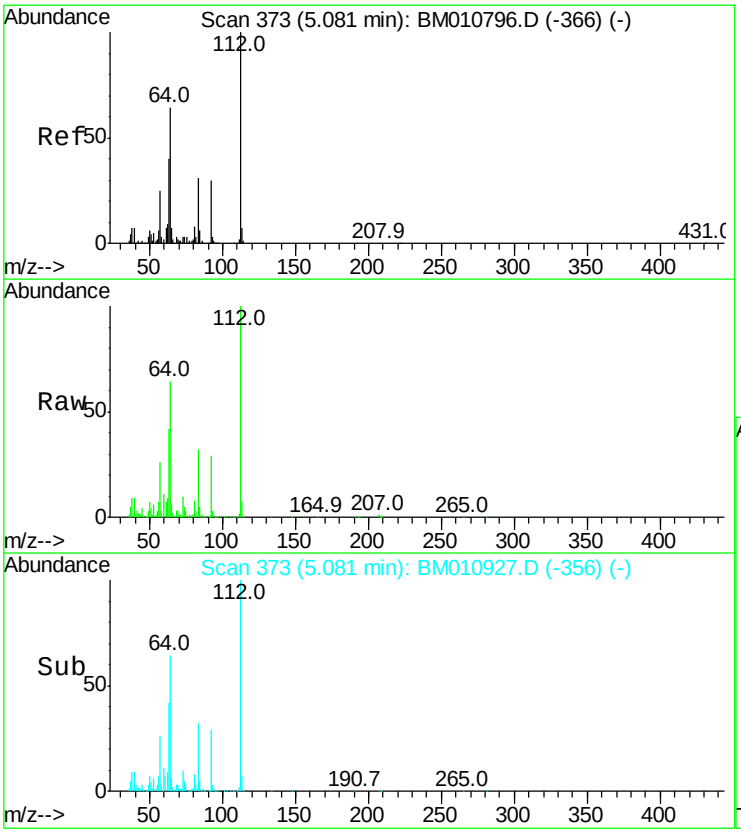
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:152 Resp: 201122

Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.5	179.3
115	71.0	43.0	64.4#

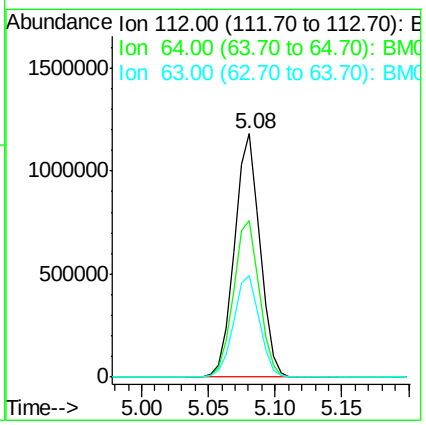


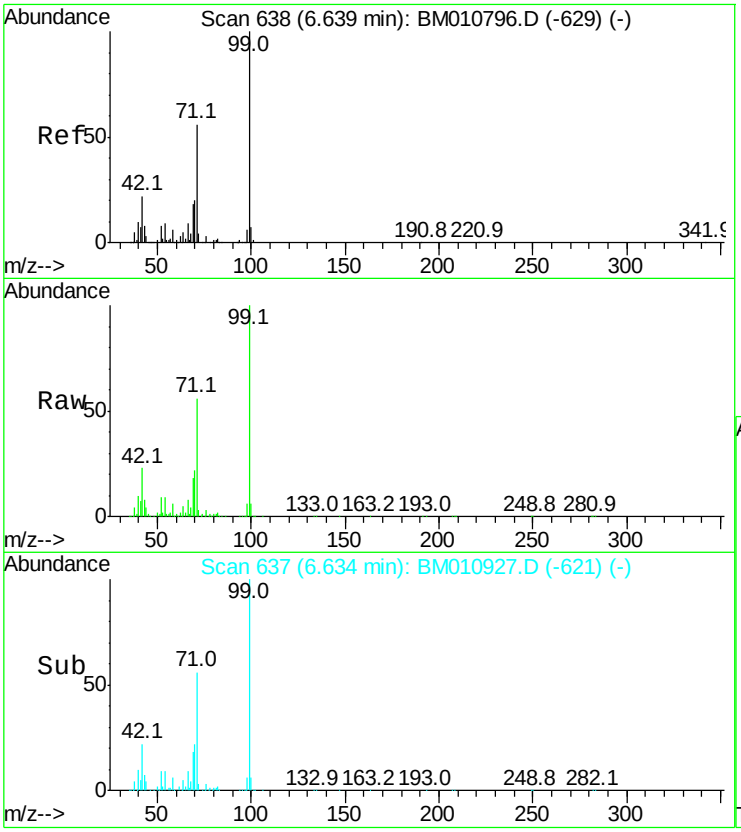


#5
2-Fluorophenol
Concen: 128.451 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:112 Resp: 1559576

Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8#
63	41.9	19.3	28.9#



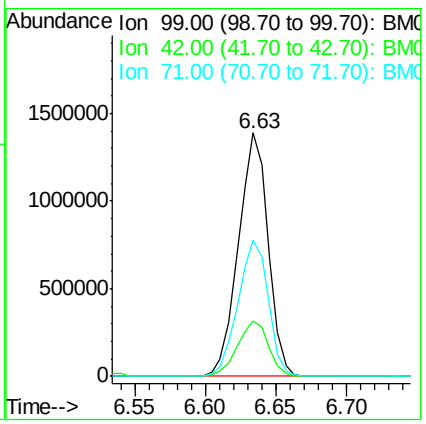


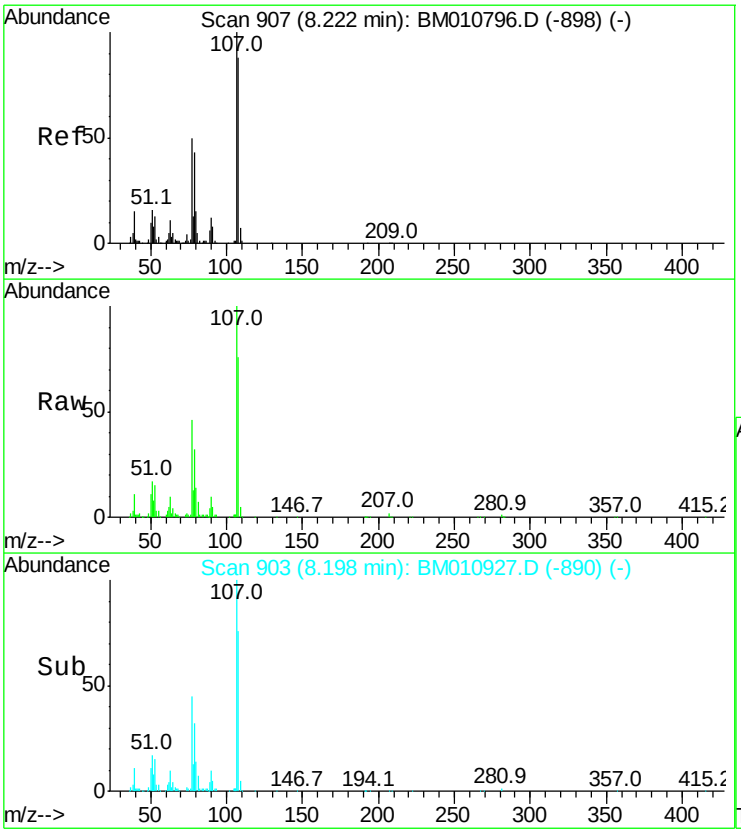
#7
Phenol-d6
Concen: 122.110 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion: 99 Resp: 2043886

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	56.0	23.4	35.2#

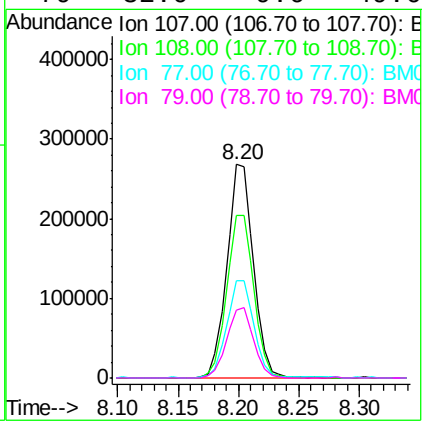


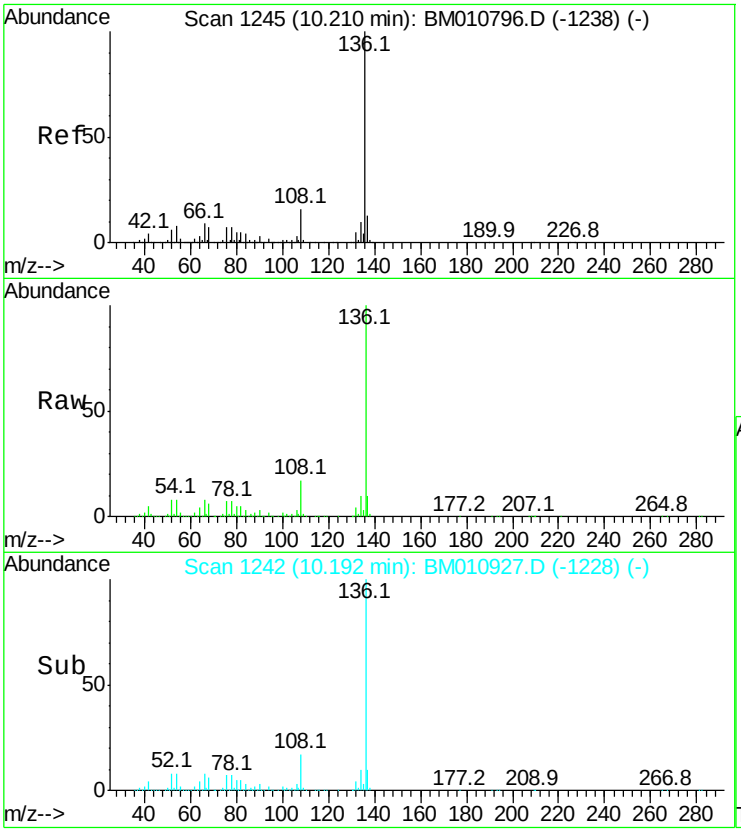


#20
3+4-Methylphenols
Concen: 25.765 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.02 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:107 Resp: 409703

Ion	Ratio	Lower	Upper
107	100		
108	76.4	73.2	113.2
77	45.6	10.7	50.7
79	32.0	9.6	49.6



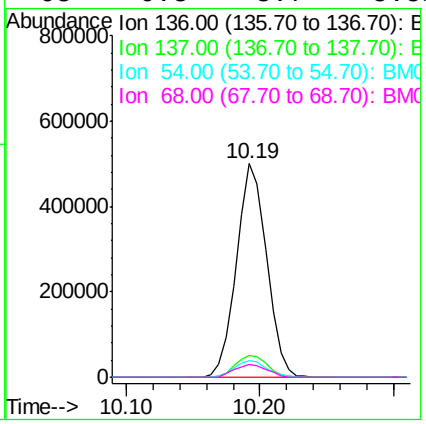


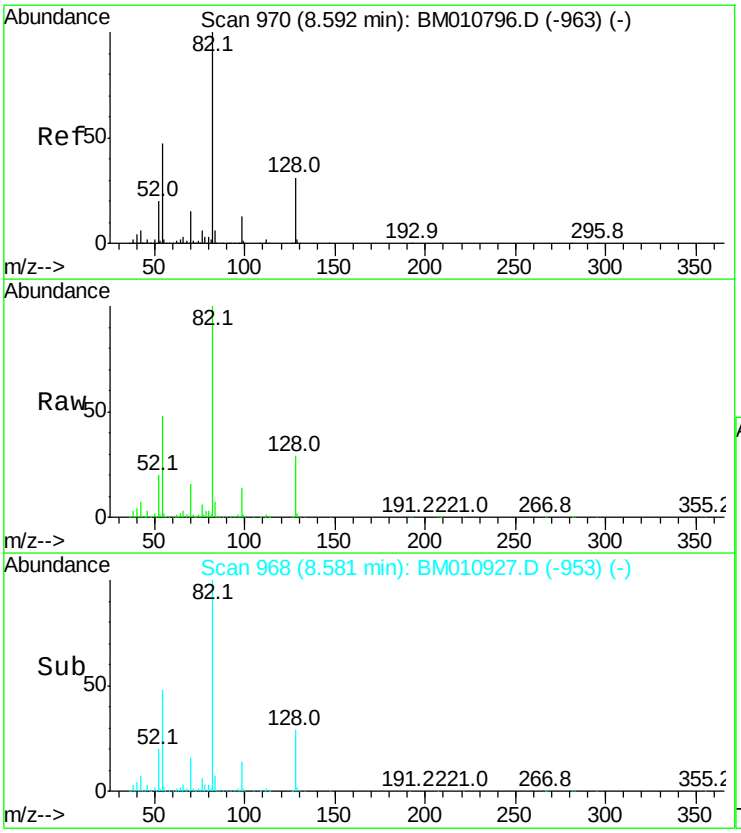
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:136 Resp: 779829

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.9	4.6	6.8#
68	6.3	3.7	5.5#

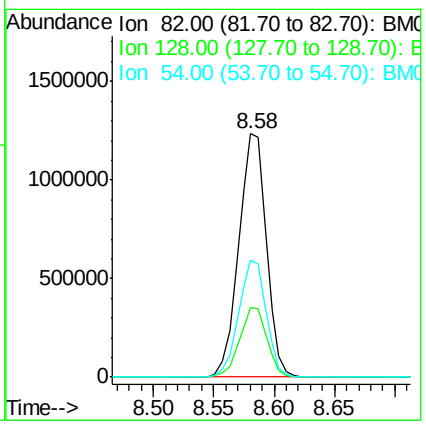


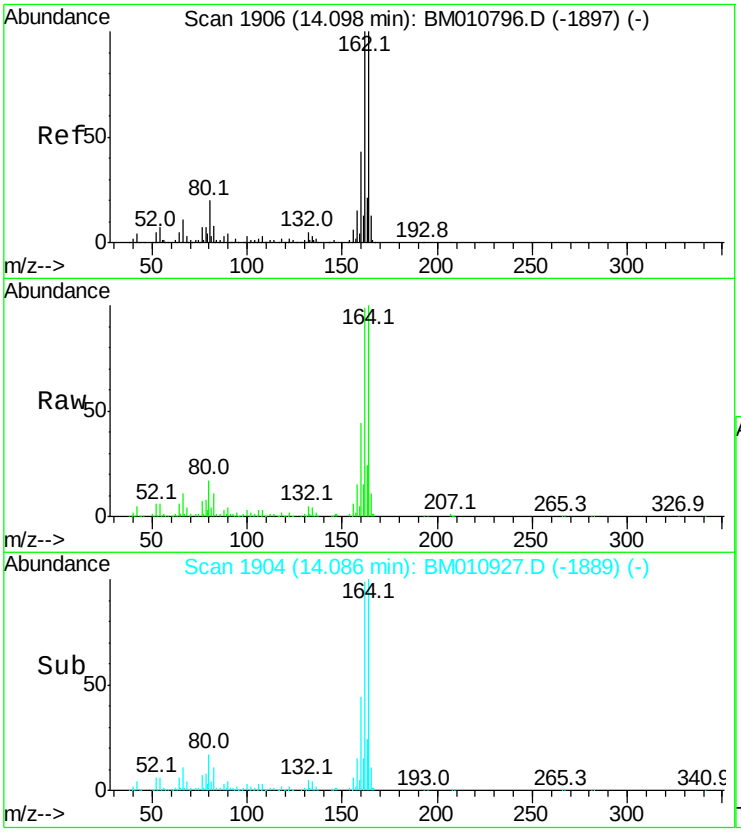


#23
Nitrobenzene-d5
Concen: 97.286 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 82 Resp: 1973764

Ion	Ratio	Lower	Upper
82	100		
128	28.8	32.8	49.2#
54	47.9	40.6	60.8



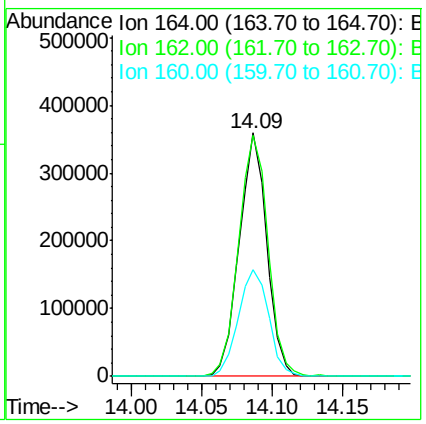


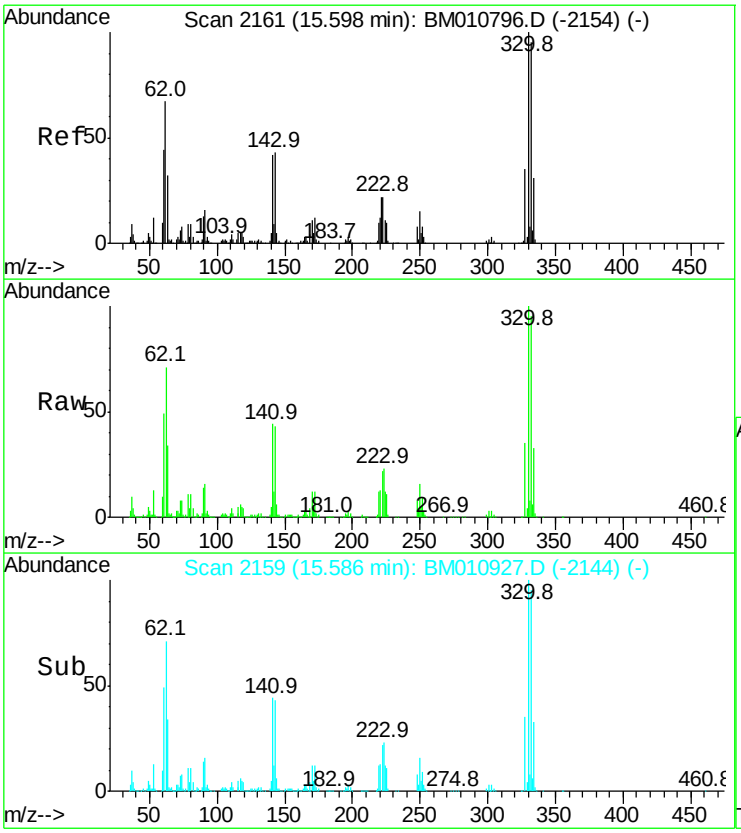
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:164 Resp: 491064

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	43.7	35.8	53.6

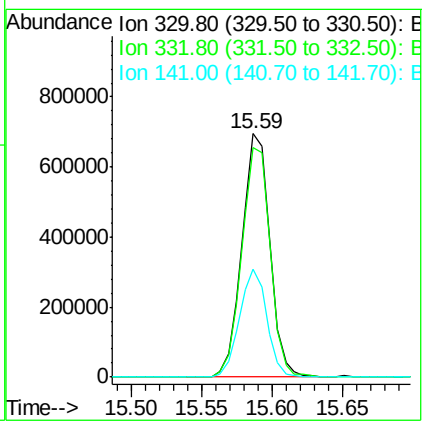


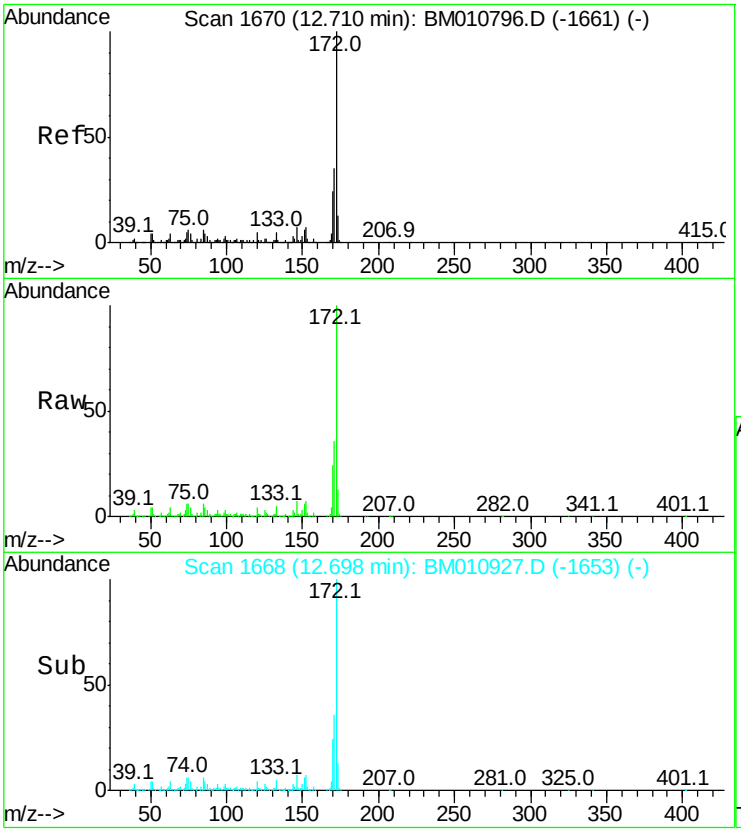


#41
2,4,6-Tribromophenol
Concen: 128.684 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:330 Resp: 965692

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	43.2	0.0	0.0#



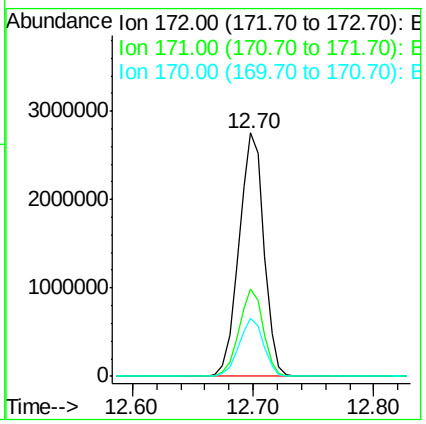


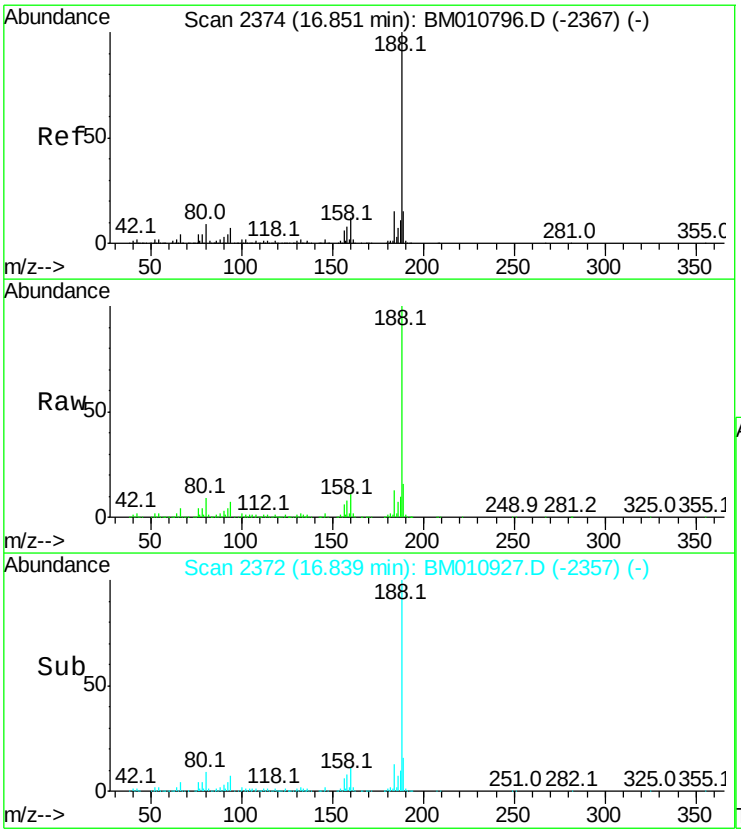
#44
2-Fluorobiphenyl
Concen: 100.339 ng
RT: 12.70 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:172 Resp: 3960772

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2

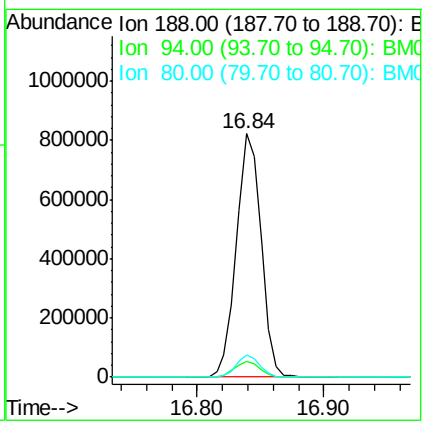


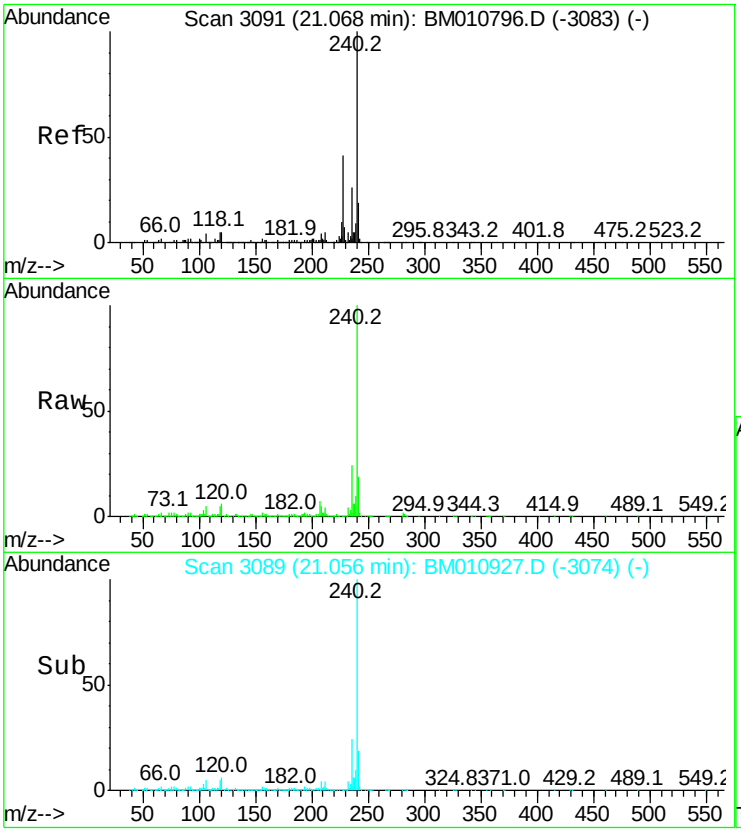


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:188 Resp: 1108028

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	9.1	9.3	13.9#



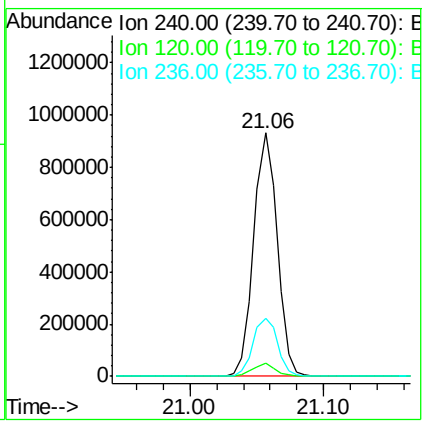


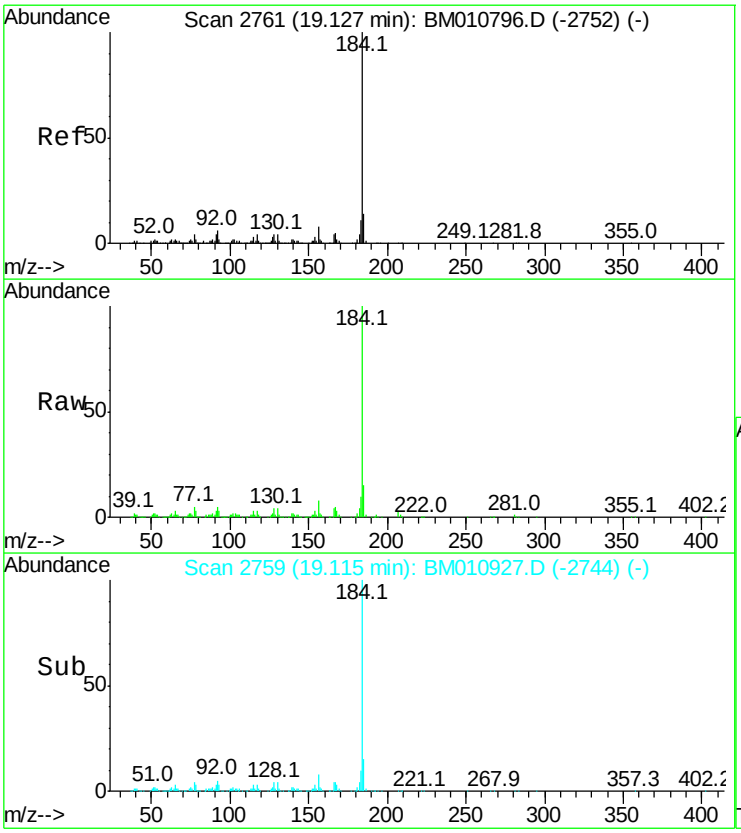
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:240 Resp: 1127521

Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	23.7	20.0	30.0

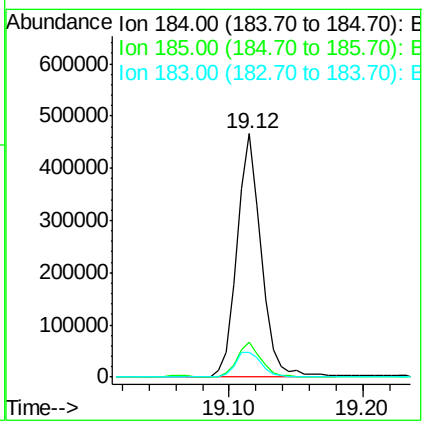


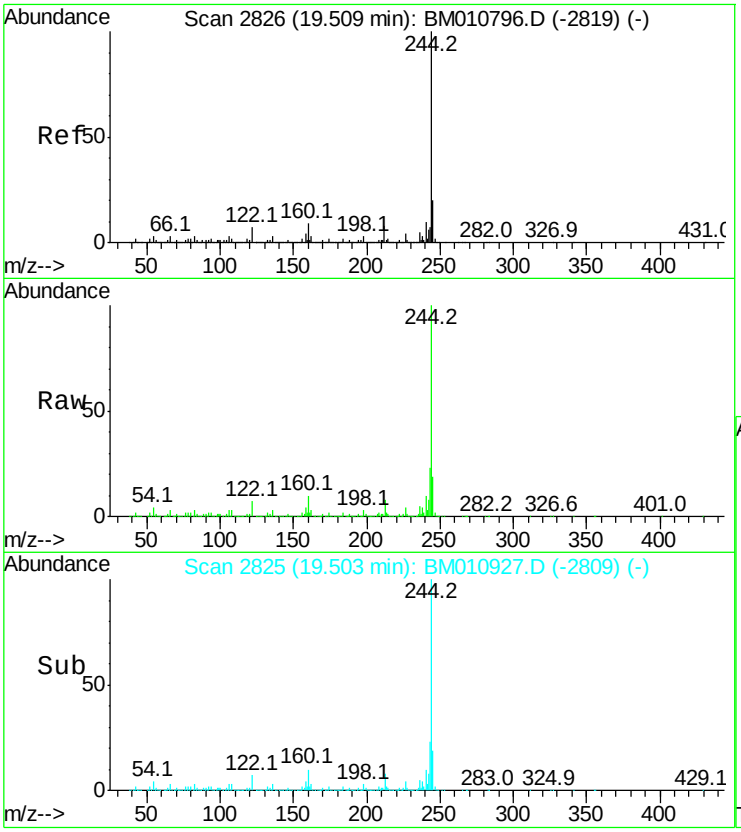


#76
Benzidine
Concen: 19.317 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:184 Resp: 582845

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	10.3	8.9	13.3



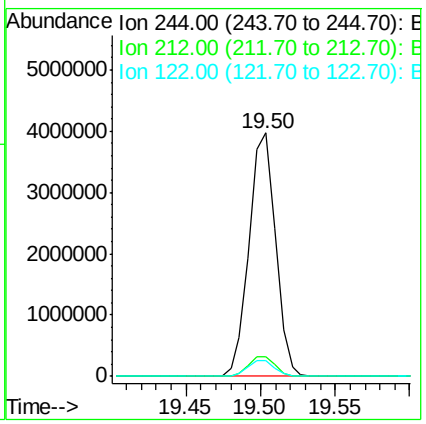


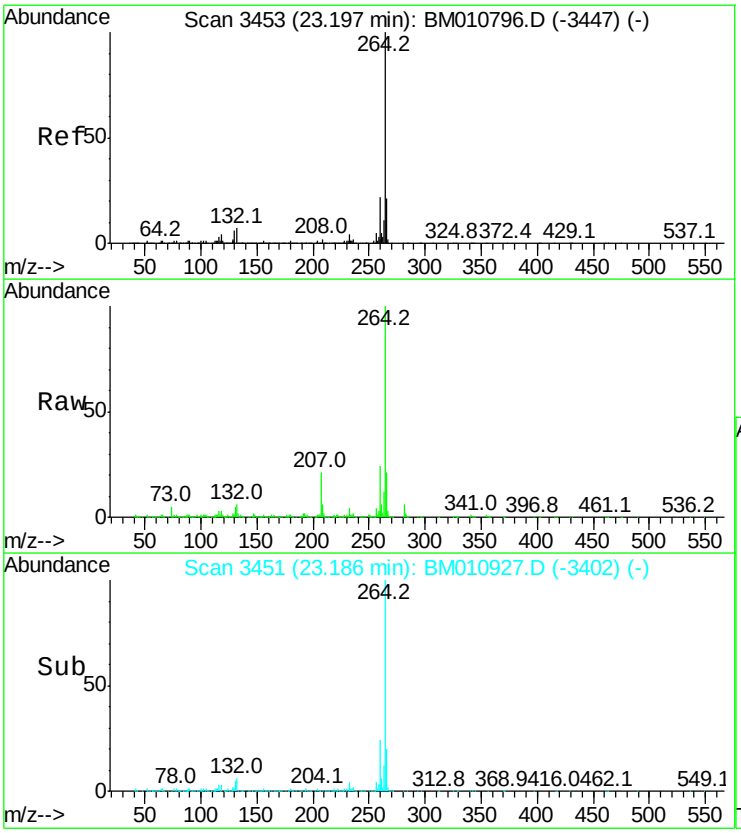
#78
Terphenyl-d14
Concen: 83.263 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:244 Resp: 4853995

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:264 Resp: 1130208

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.3	17.3	25.9