Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011085.D
Acq On : 01 Aug 2017 16:50
Operator : SJ/JU
Sample : I4497-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-4

Quant Time: Aug 02 01:52:00 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	7.39	152	133323	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	480450	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	303226	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	786915	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1222368	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1032480	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1025846	130.07	ng	0.00
7) Phenol-d6	6.58	99	1323786	118.13	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1346658	105.20	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	692901	142.57	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2320715	95.98	ng	-0.01
78) Terphenyl-d14	19.46	244	4764724	77.21	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.75	93	33779	2.392	ng	96
76) Benzidine	19.09	184	7511895	256.883	ng	98

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

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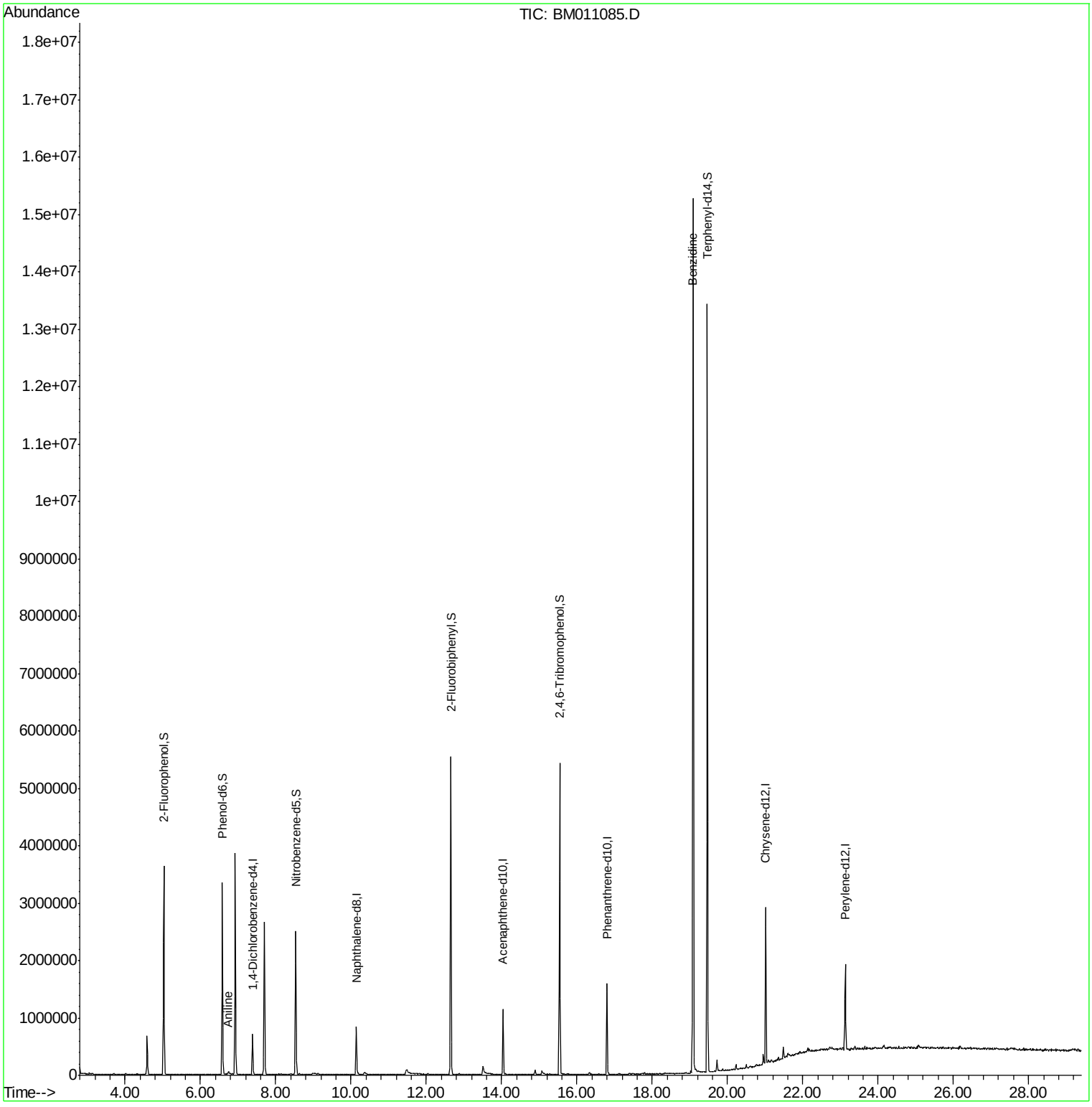
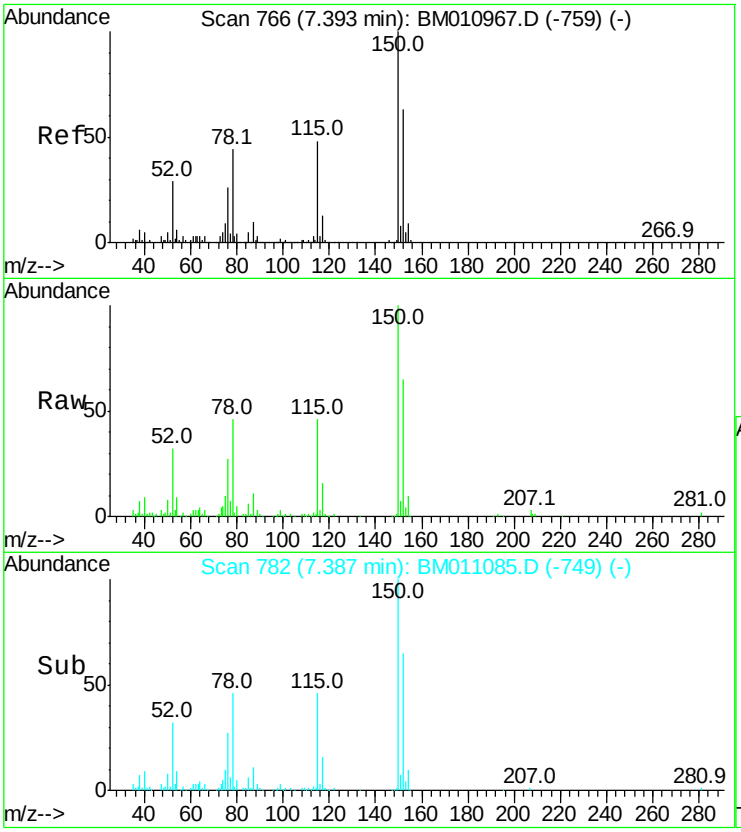


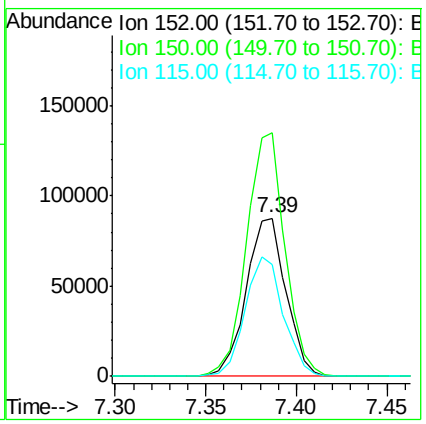


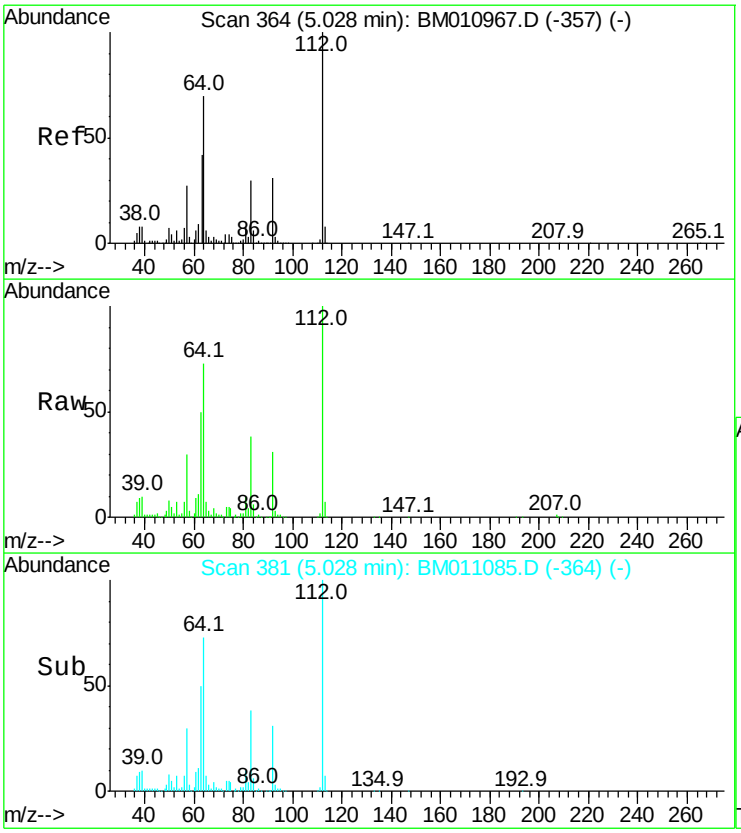
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:152 Resp: 133323

Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	70.4	43.0	64.4#

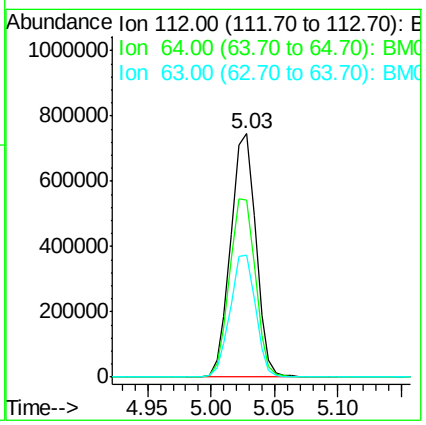


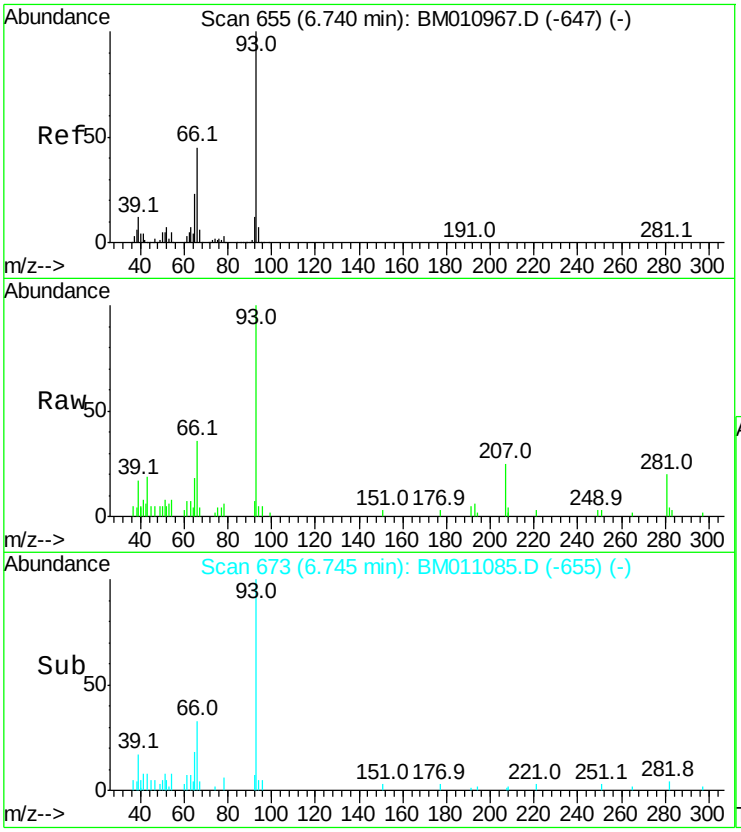


#5
2-Fluorophenol
Concen: 130.070 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:112 Resp: 1025846

Ion	Ratio	Lower	Upper
112	100		
64	72.6	38.6	57.8#
63	50.1	19.3	28.9#



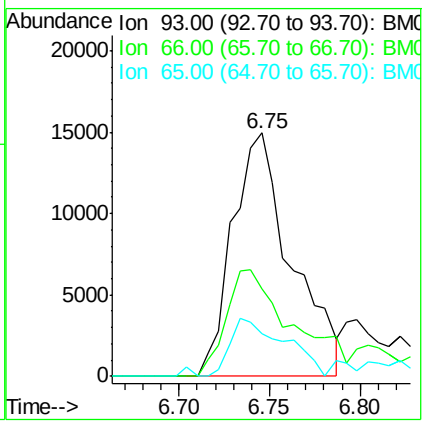


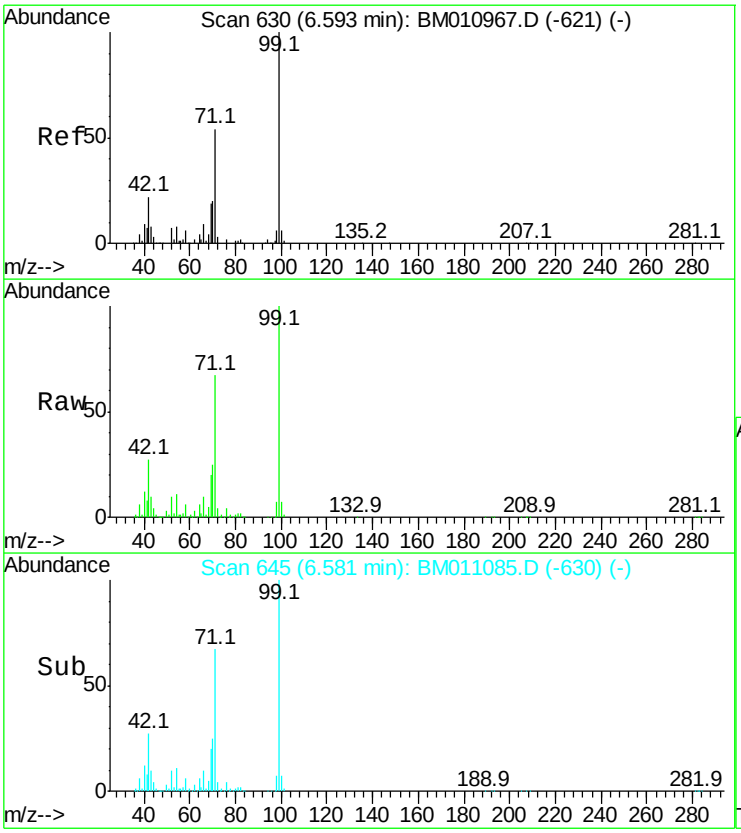
#6
Aniline
Concen: 2.392 ng
RT: 6.75 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion: 93 Resp: 33779

Ion	Ratio	Lower	Upper
93	100		
66	36.0	30.8	46.2
65	17.7	16.0	24.0

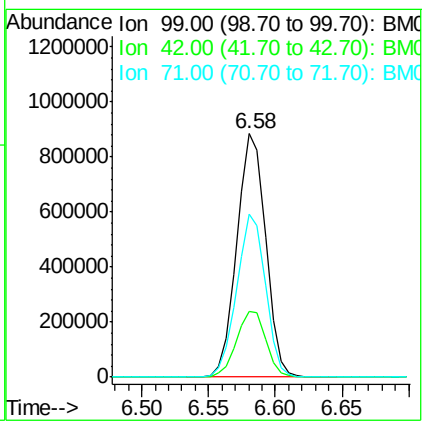


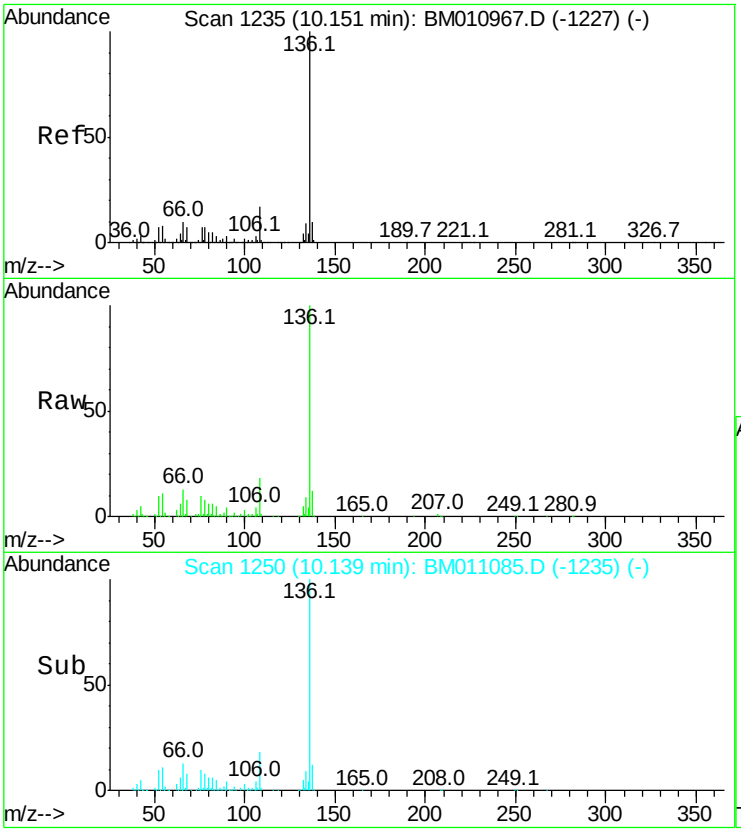


#7
Phenol-d6
Concen: 118.134 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion: 99 Resp: 1323786

Ion	Ratio	Lower	Upper
99	100		
42	26.8	11.0	16.4#
71	67.1	23.4	35.2#



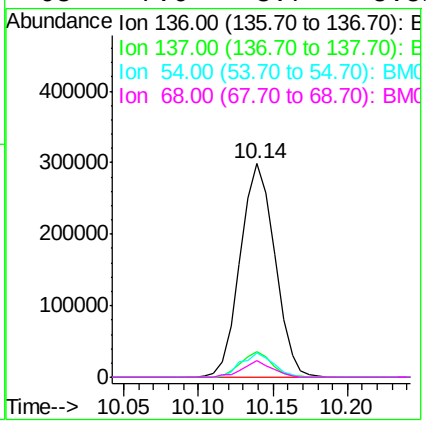


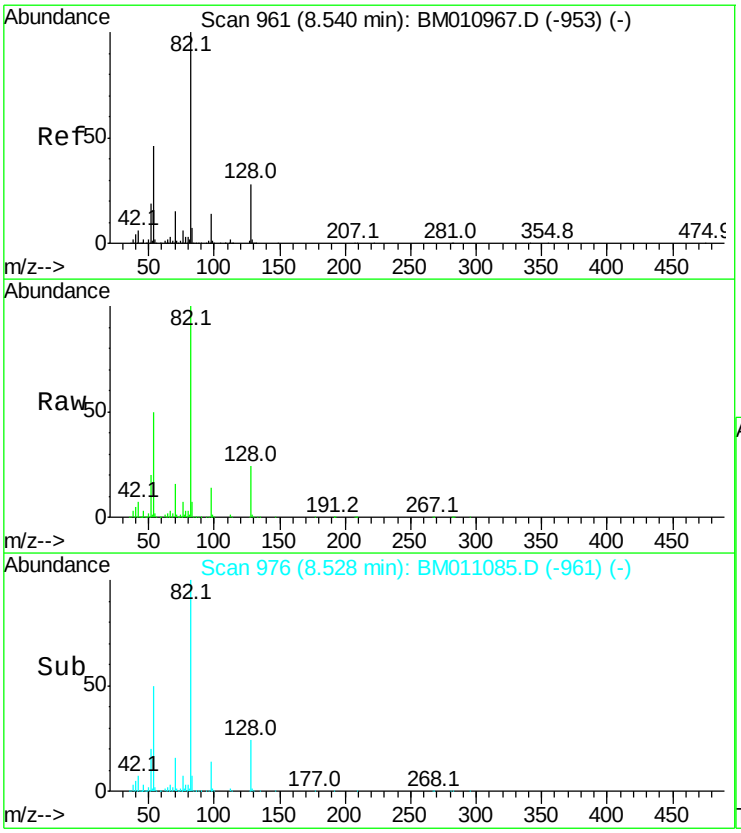
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:136 Resp: 480450

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	11.2	4.6	6.8#
68	7.6	3.7	5.5#

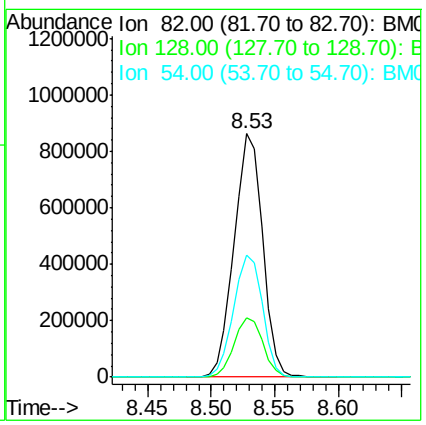


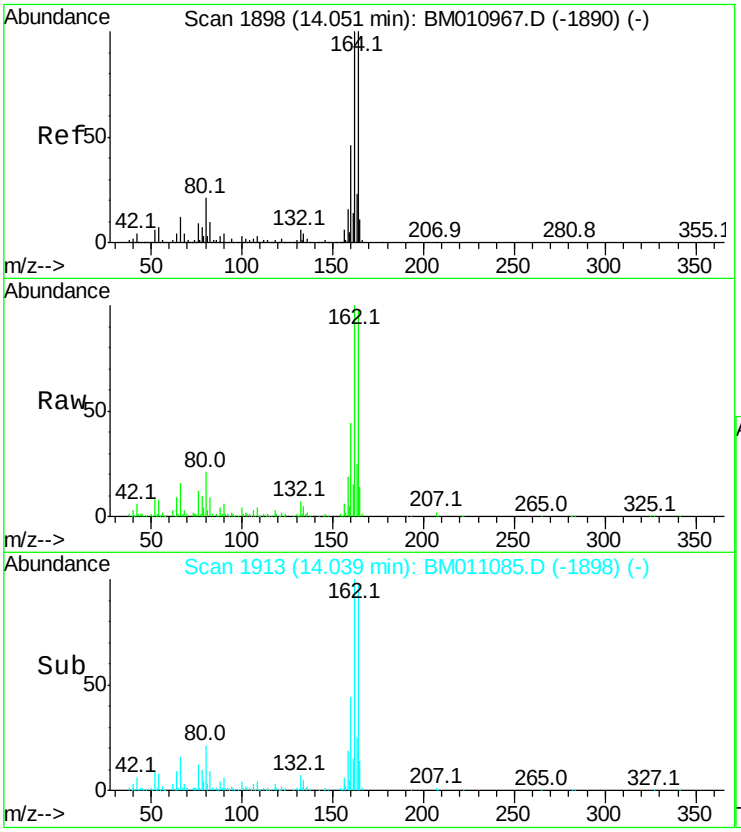


#23
Nitrobenzene-d5
Concen: 105.198 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion: 82 Resp: 1346658

Ion	Ratio	Lower	Upper
82	100		
128	24.1	32.8	49.2#
54	49.9	40.6	60.8



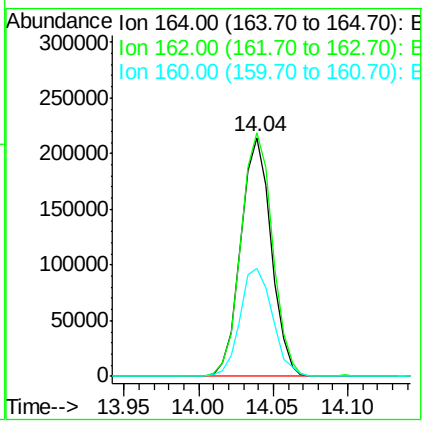


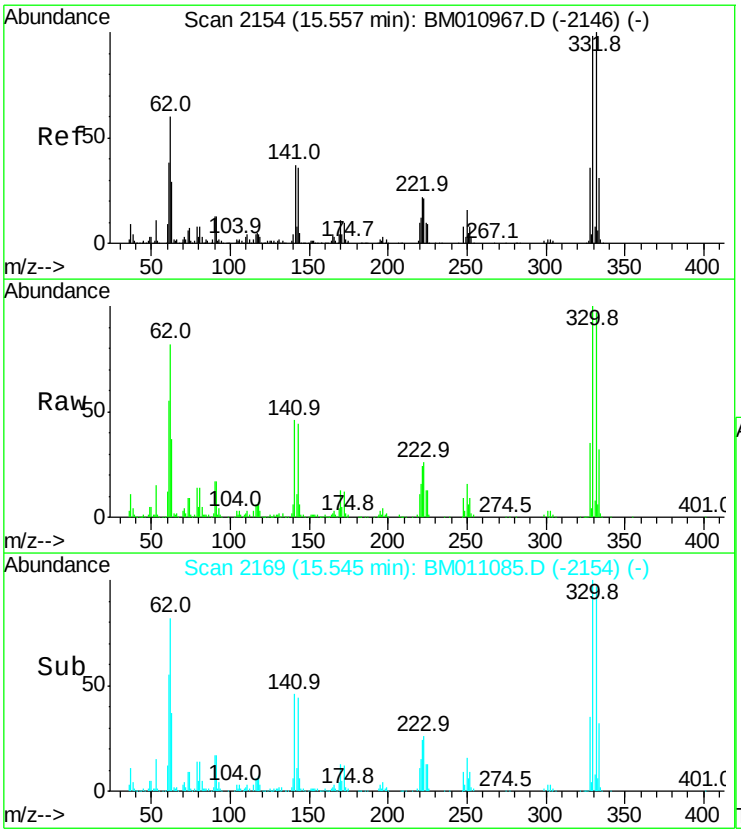
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:164 Resp: 303226

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	45.2	35.8	53.6

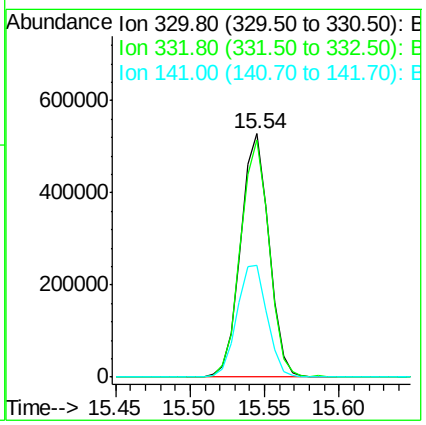


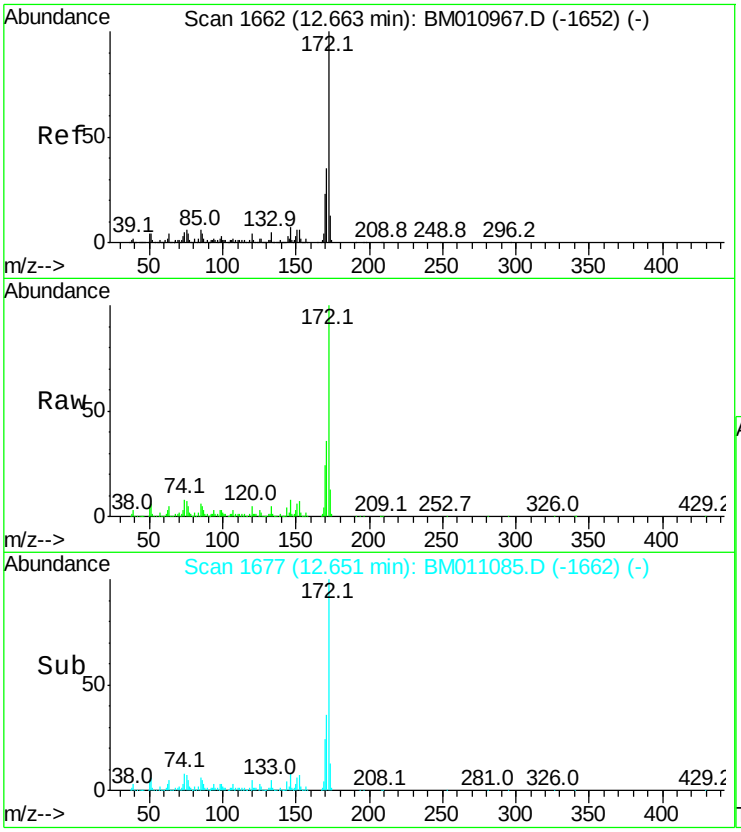


#41
2,4,6-Tribromophenol
Concen: 142.570 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:330 Resp: 692901

Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	49.0	0.0	0.0#



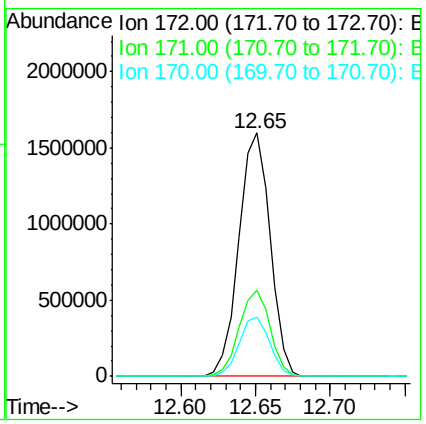


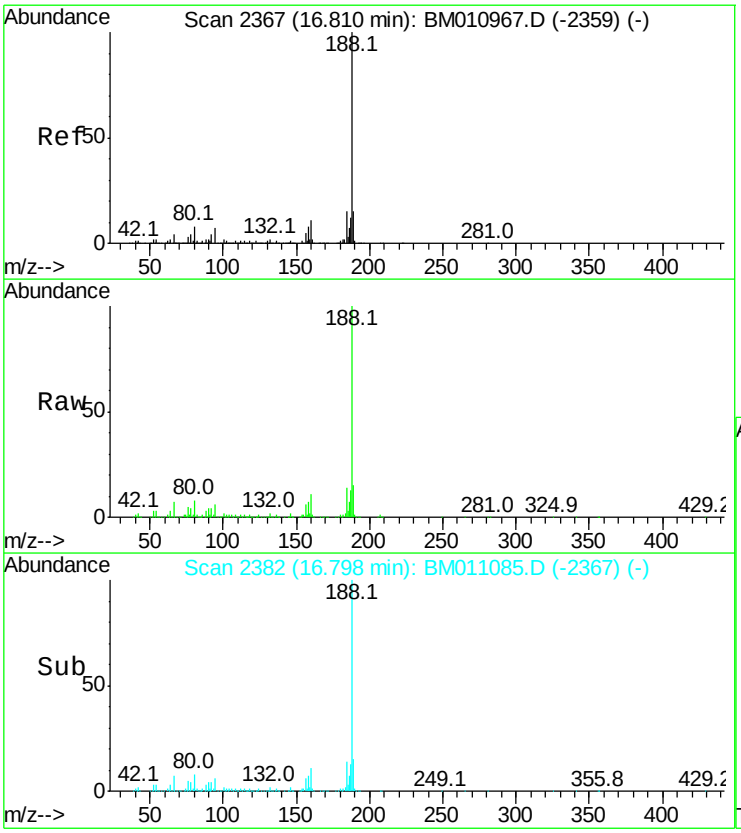
#44
2-Fluorobiphenyl
Concen: 95.984 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:172 Resp: 2320715

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.3	18.8	28.2

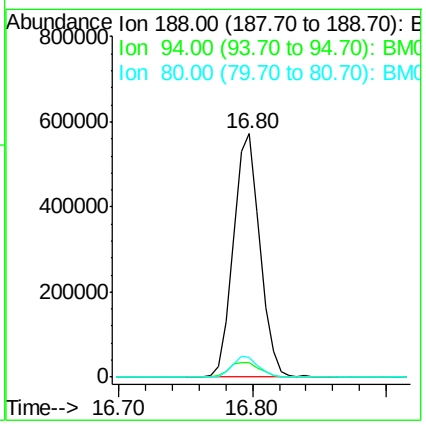


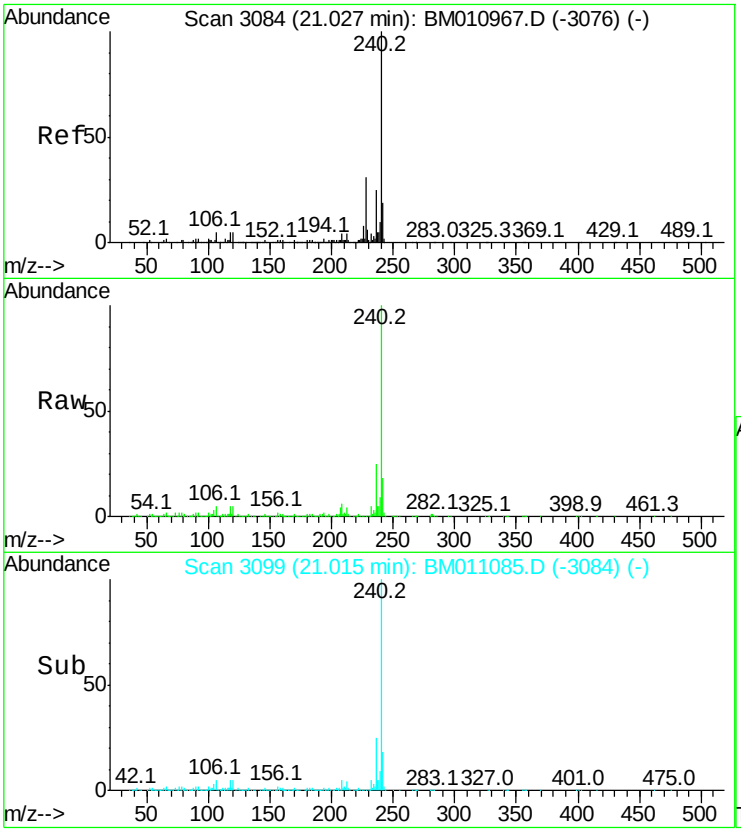


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:188 Resp: 786915

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	8.2	9.3	13.9#



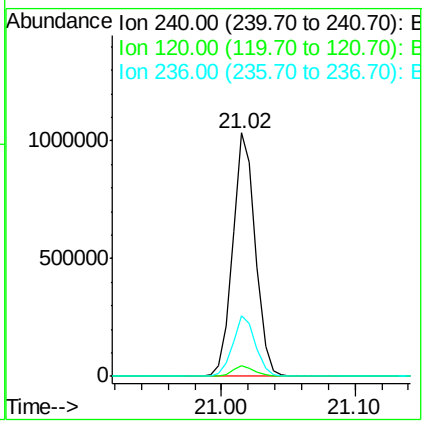


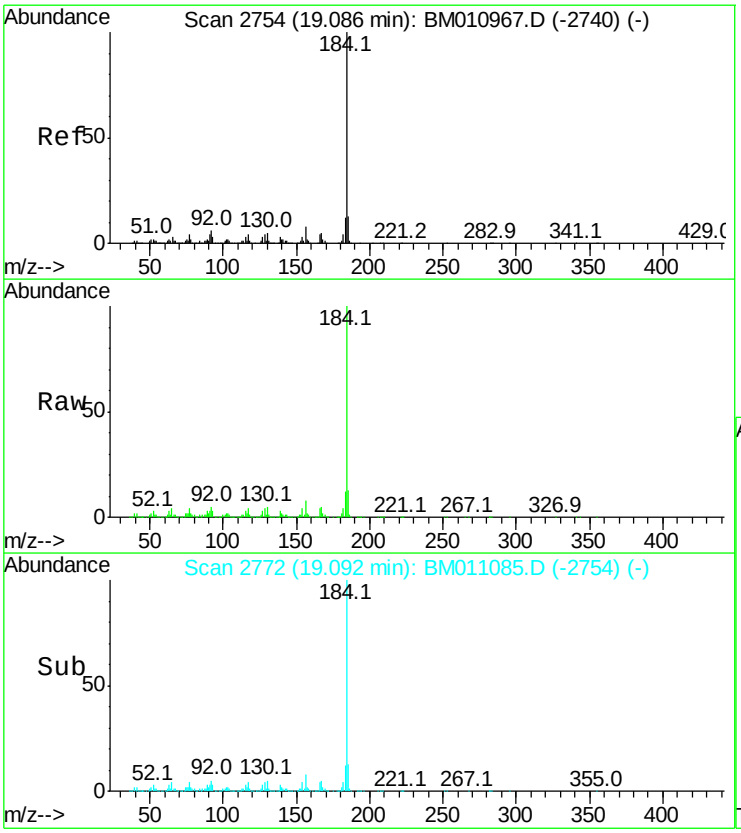
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:240 Resp: 1222368

Ion	Ratio	Lower	Upper
240	100		
120	4.6	8.2	12.2#
236	24.8	20.0	30.0

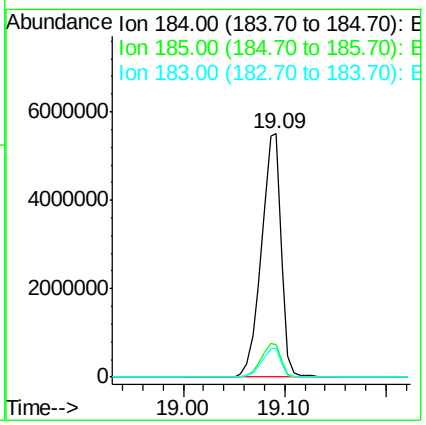


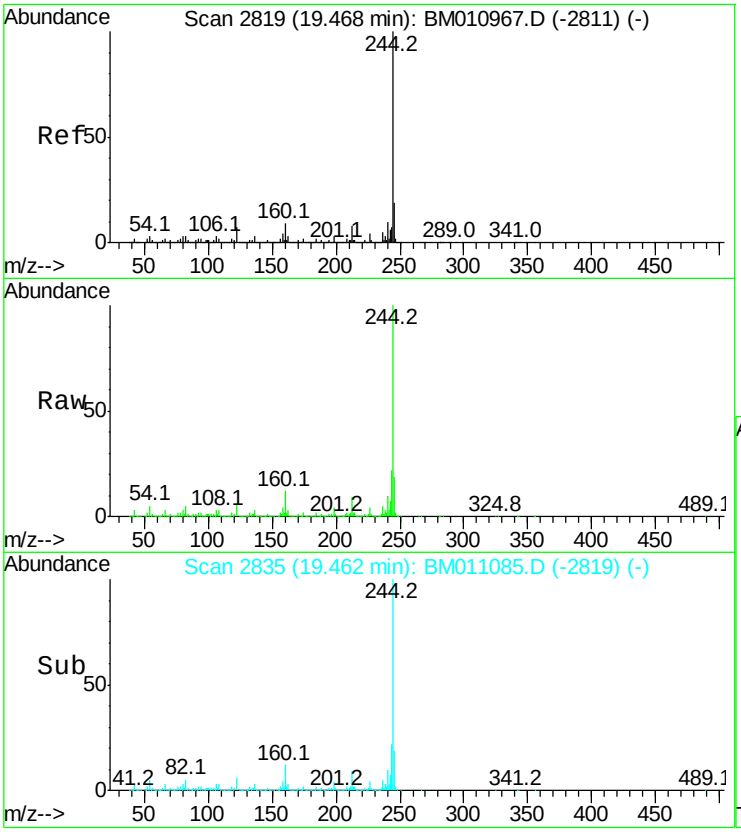


#76
Benzidine
Concen: 256.883 ng
RT: 19.09 min Scan# 2772
Delta R.T. 0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:184 Resp: 7511895

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.3	16.9
183	11.6	8.9	13.3



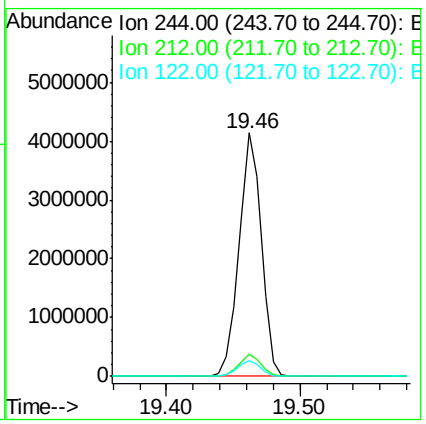


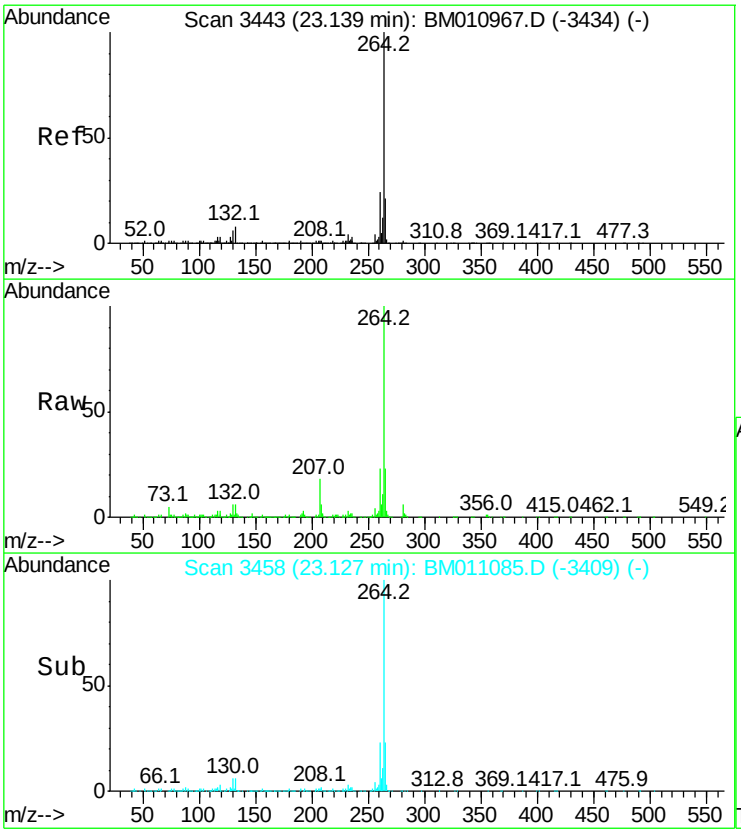
#78
Terphenyl-d14
Concen: 77.213 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tgt Ion:244 Resp: 4764724

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.5	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: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:264 Resp: 1032480

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	23.3	17.3	25.9