Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011161.D
Acq On : 07 Aug 2017 20:30
Operator : SJ/JU
Sample : I4610-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-080317-B

Quant Time: Aug 08 02:10:28 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	7.32	152	151387	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	540822	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	346038	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1066837	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1083947	20.00	ng	-0.06
86) Perylene-d12	23.05	264	169517	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1427593	159.41	ng	-0.07
7) Phenol-d6	6.52	99	1747903	137.37	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1792573	124.40	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1064193	191.88	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3248895	117.75	ng	-0.08
78) Terphenyl-d14	19.41	244	6935418	126.74	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	10.12	128	59373	2.182	ng	# 93
70) Phenanthrene	16.78	178	181970	3.258	ng	96

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

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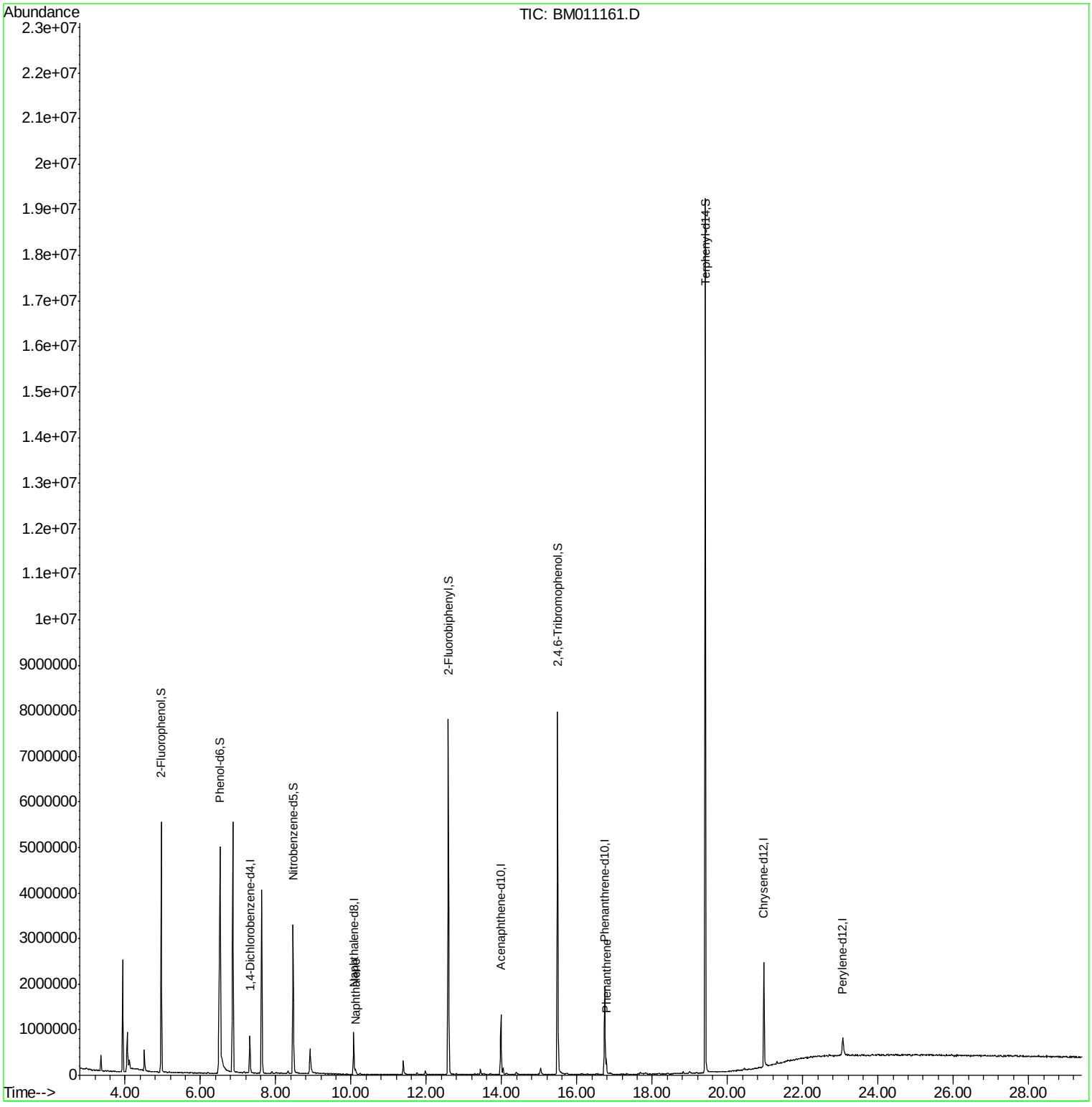
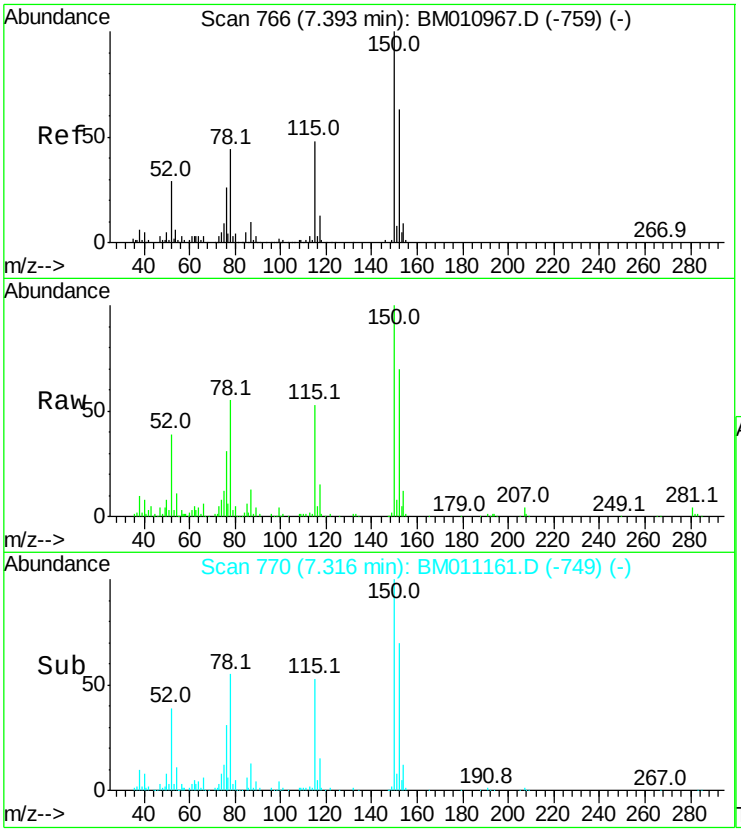


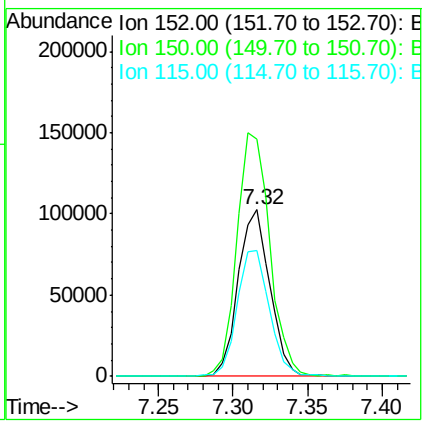


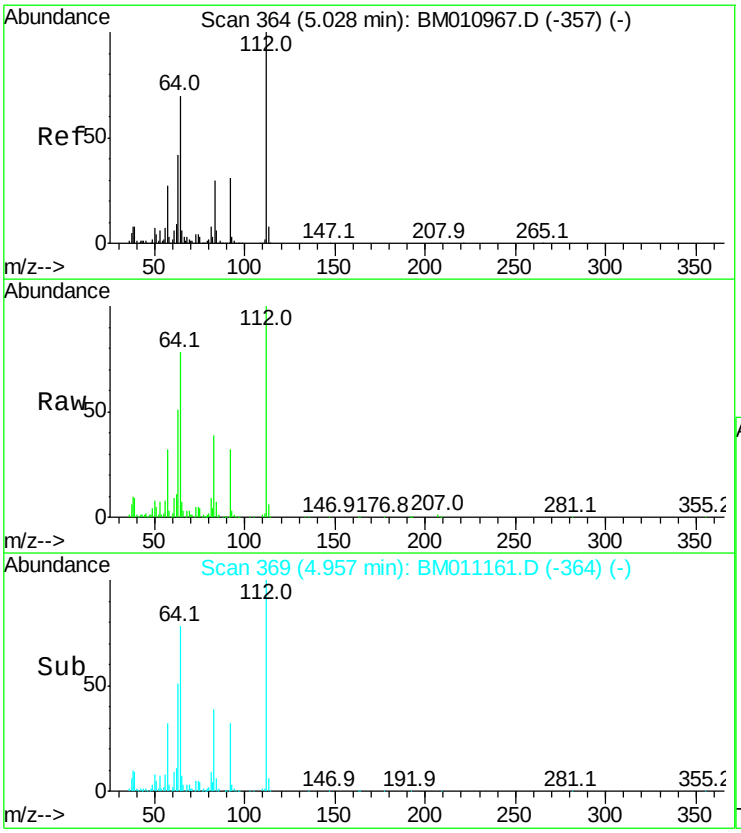
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion:152 Resp: 151387

Ion	Ratio	Lower	Upper
152	100		
150	142.2	119.5	179.3
115	75.4	43.0	64.4#

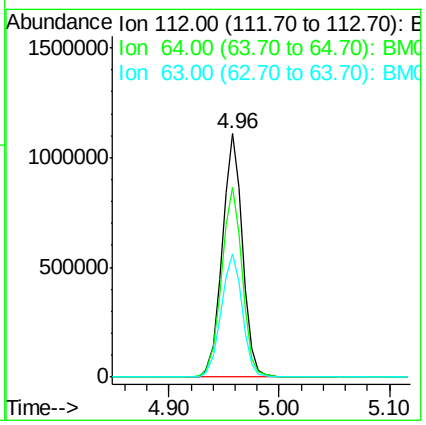


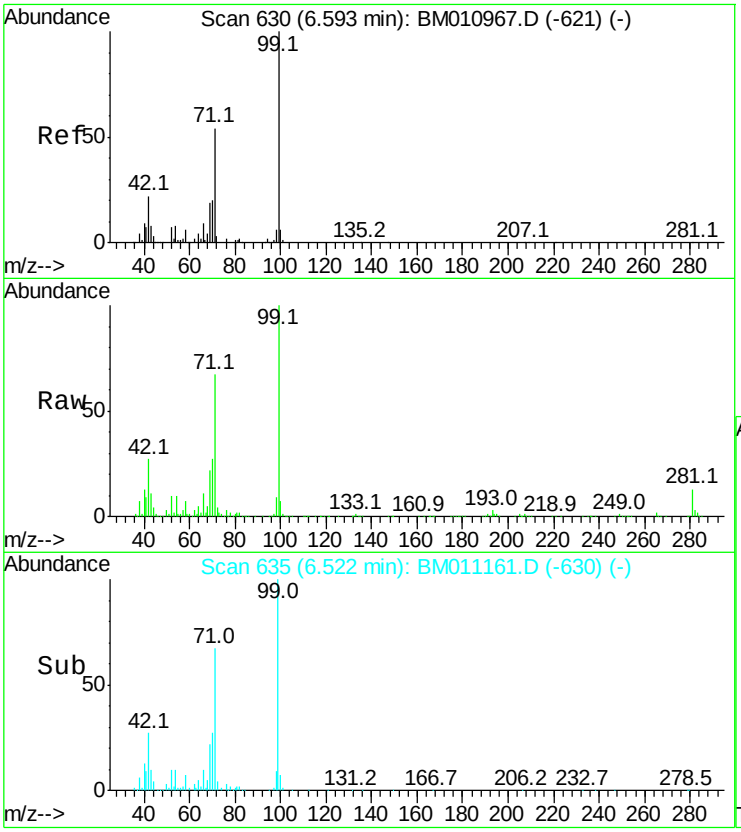


#5
2-Fluorophenol
Concen: 159.410 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:112 Resp: 1427593

Ion	Ratio	Lower	Upper
112	100		
64	78.2	38.6	57.8#
63	50.7	19.3	28.9#



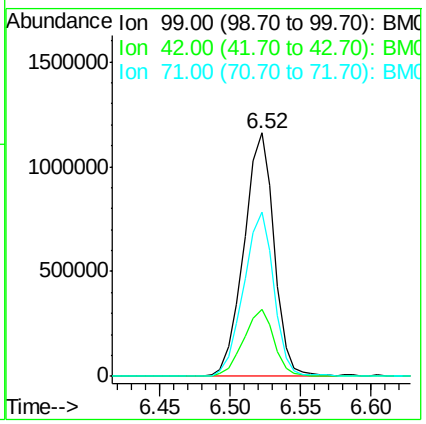


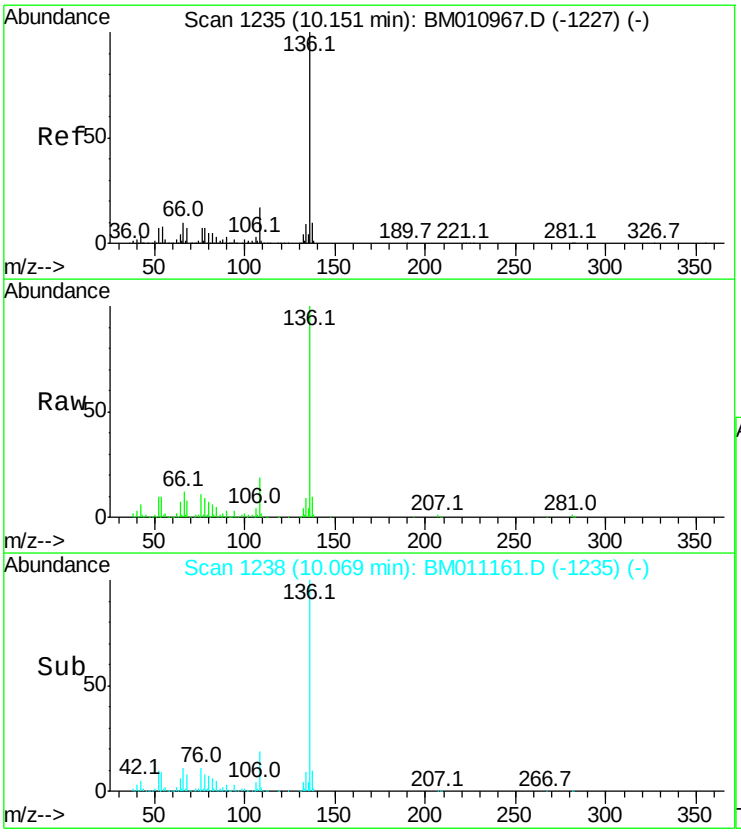
#7
Phenol-d6
Concen: 137.370 ng
RT: 6.52 min Scan# 635
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion: 99 Resp: 1747903

Ion	Ratio	Lower	Upper
99	100		
42	27.4	11.0	16.4#
71	67.2	23.4	35.2#

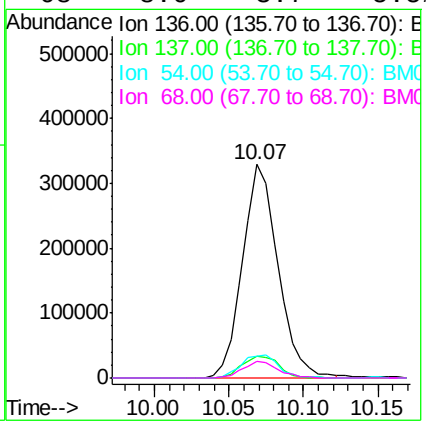


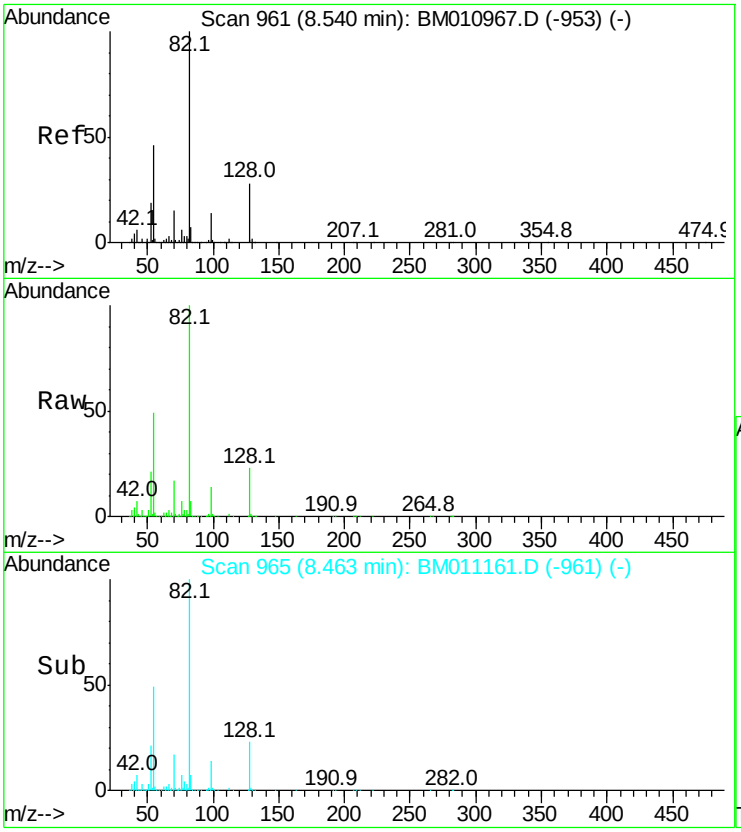


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:136 Resp: 540822

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	10.4	4.6	6.8#
68	8.0	3.7	5.5#



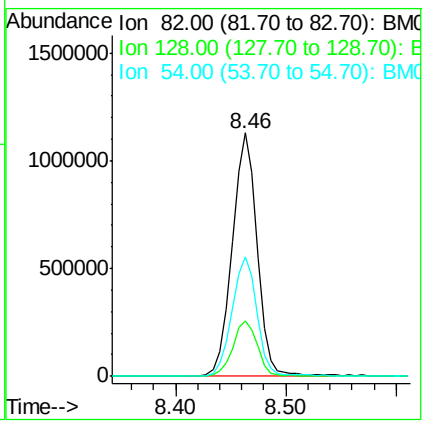


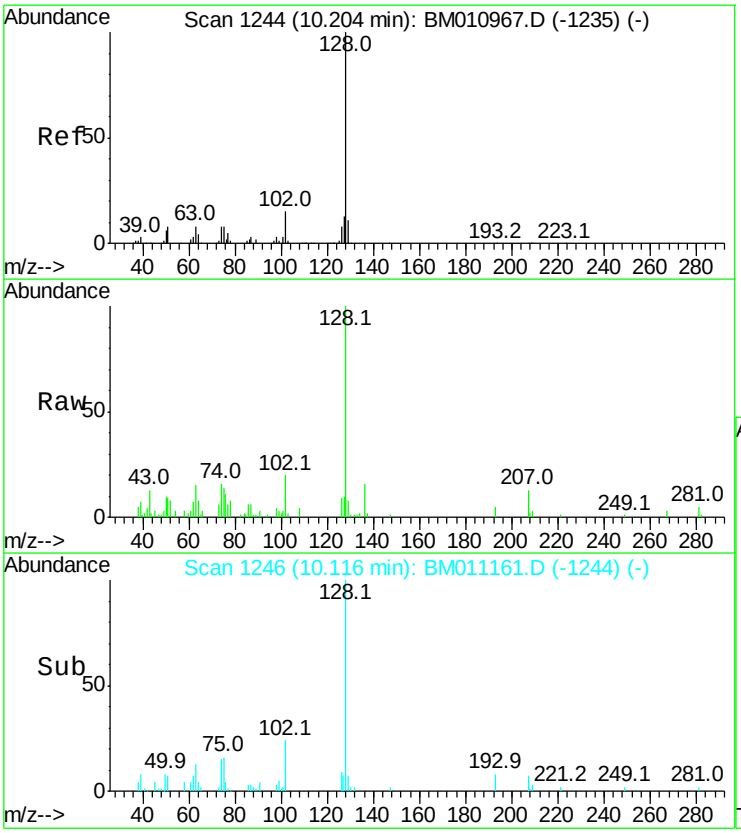
#23
Nitrobenzene-d5
Concen: 124.400 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion: 82 Resp: 1792573

Ion	Ratio	Lower	Upper
82	100		
128	22.9	32.8	49.2#
54	49.2	40.6	60.8

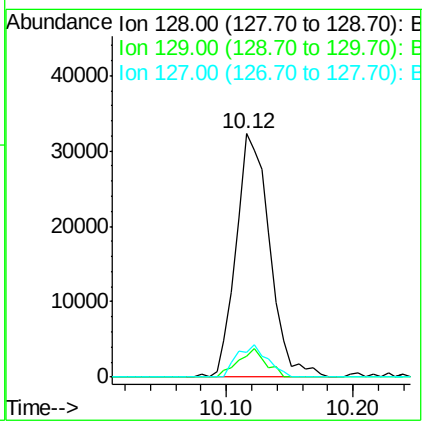


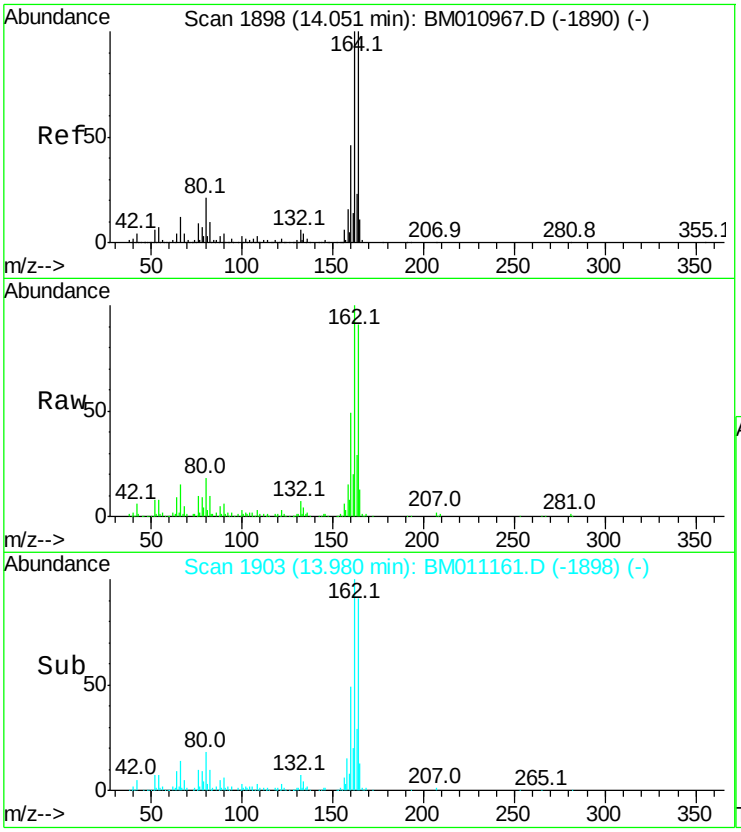


#31
Naphthalene
Concen: 2.182 ng
RT: 10.12 min Scan# 1246
Delta R.T. -0.09 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:128 Resp: 59373

Ion	Ratio	Lower	Upper
128	100		
129	8.4	8.9	13.3#
127	10.4	10.4	15.6



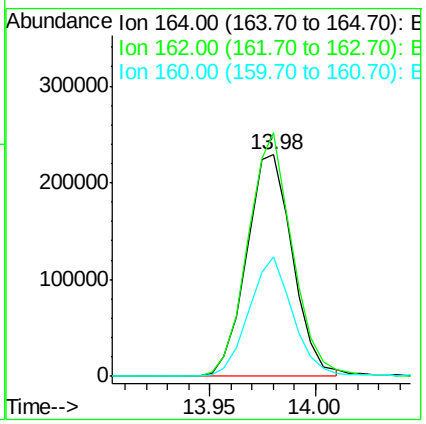


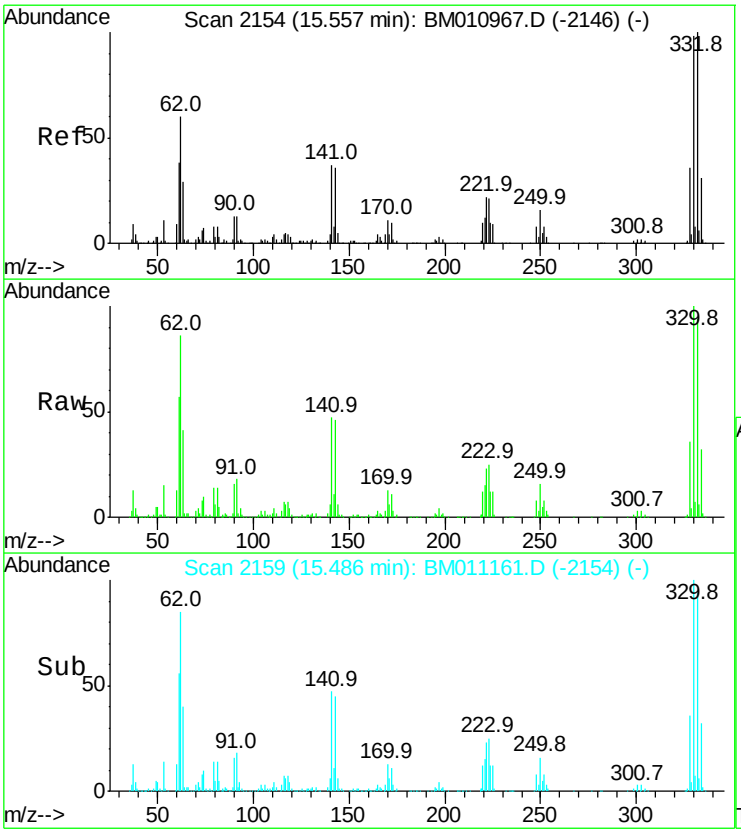
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion:164 Resp: 346038

Ion	Ratio	Lower	Upper
164	100		
162	109.8	82.4	123.6
160	53.6	35.8	53.6

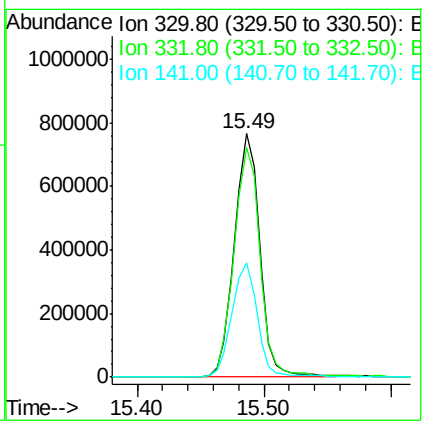


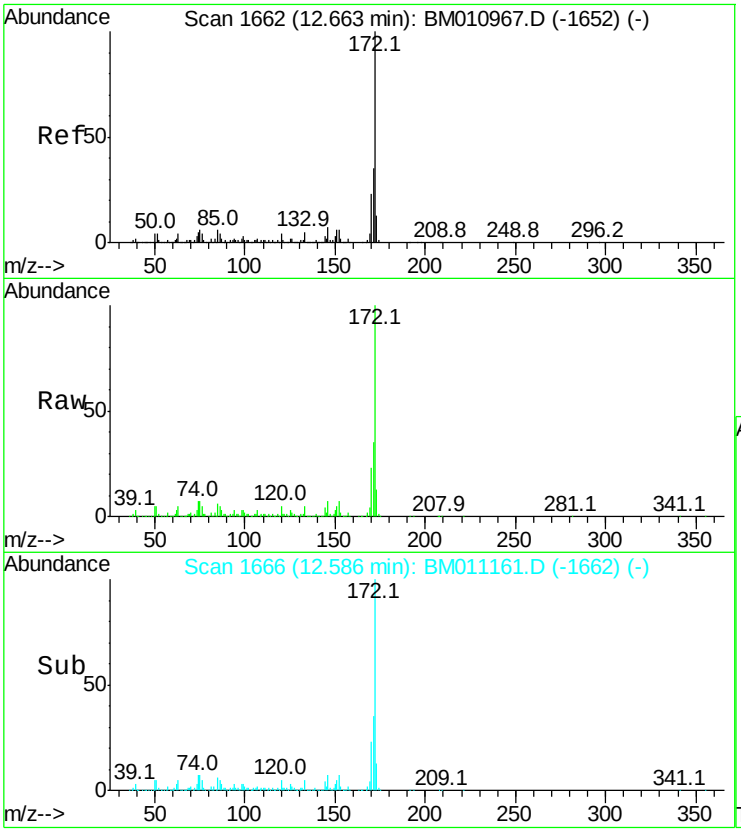


#41
2,4,6-Tribromophenol
Concen: 191.876 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:330 Resp: 1064193

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	47.0	0.0	0.0#



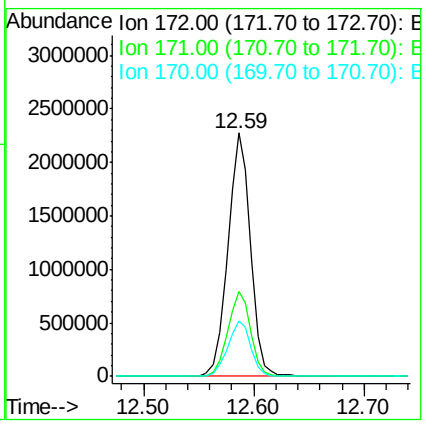


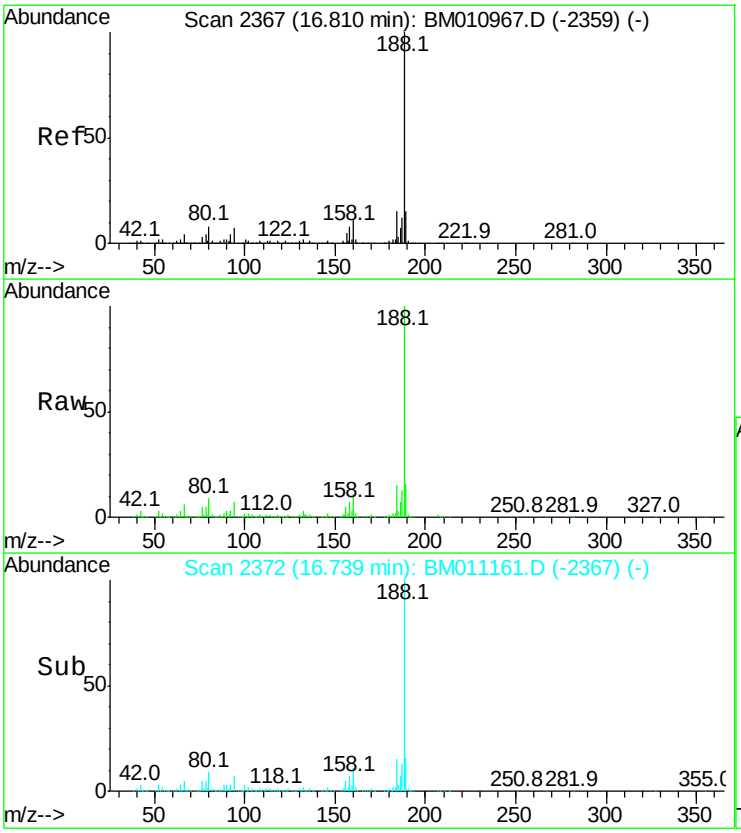
#44
2-Fluorobiphenyl
Concen: 117.749 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion:172 Resp: 3248895

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.9	18.8	28.2

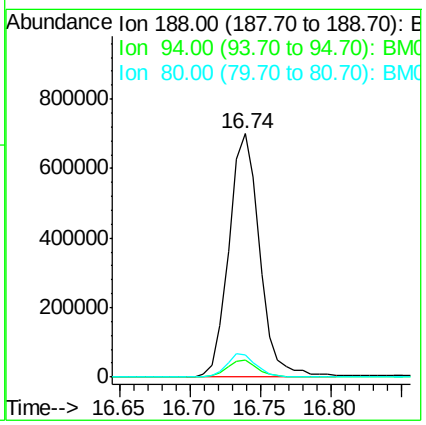


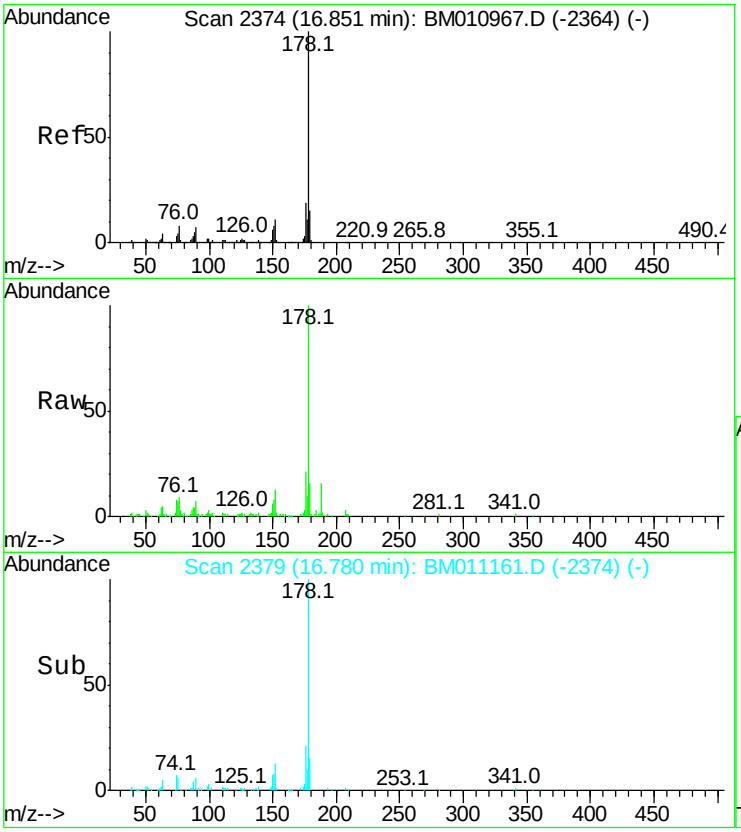


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:188 Resp: 1066837

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	9.0	9.3	13.9#



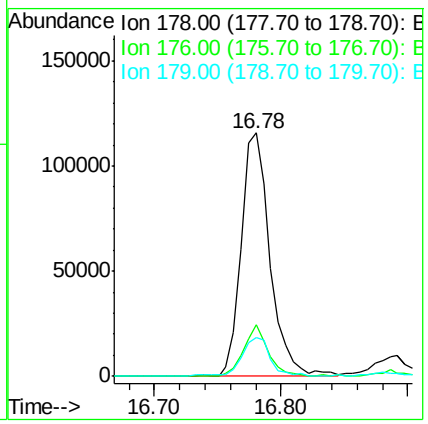


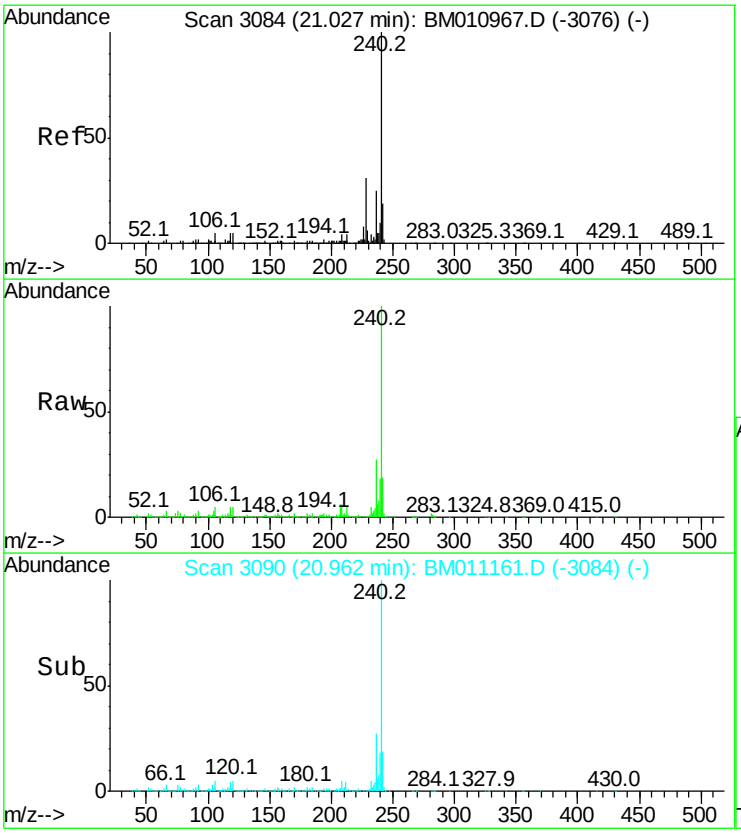
#70
Phenanthrene
Concen: 3.258 ng
RT: 16.78 min Scan# 2379
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion:178 Resp: 181970

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.2	22.8
179	16.1	12.1	18.1

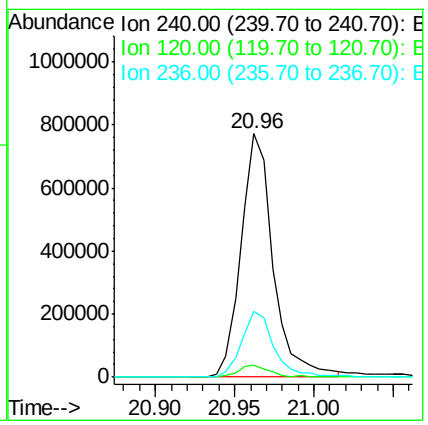


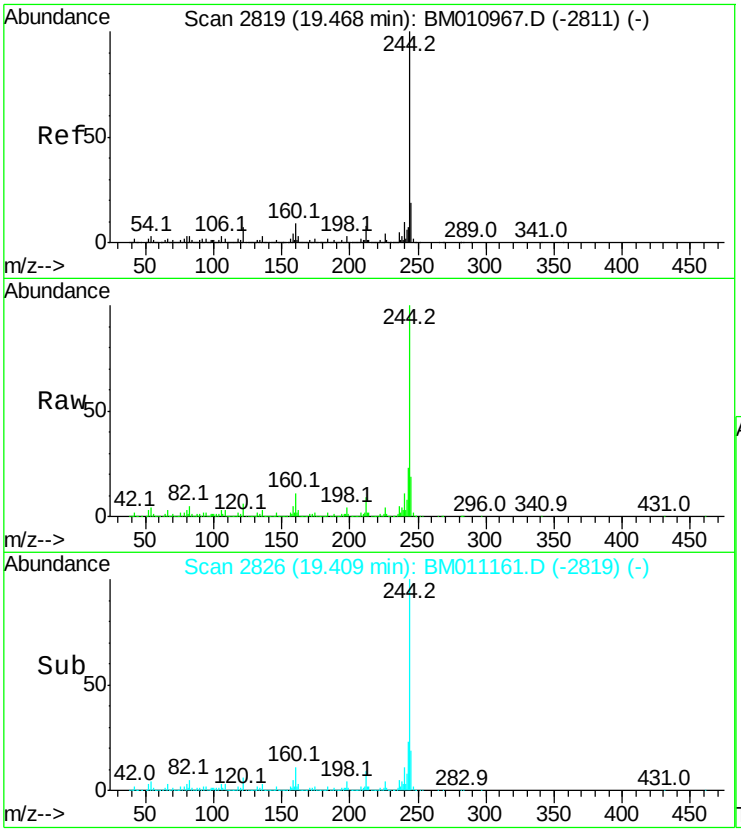


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:240 Resp: 1083947

Ion	Ratio	Lower	Upper
240	100		
120	5.0	8.2	12.2#
236	27.0	20.0	30.0



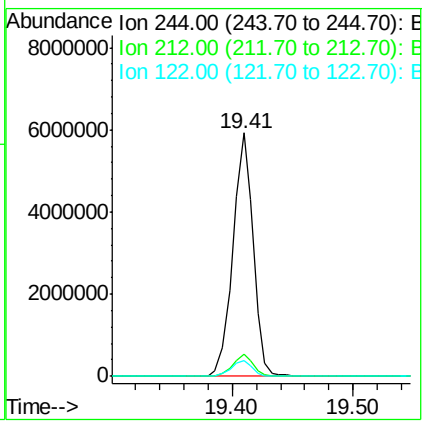


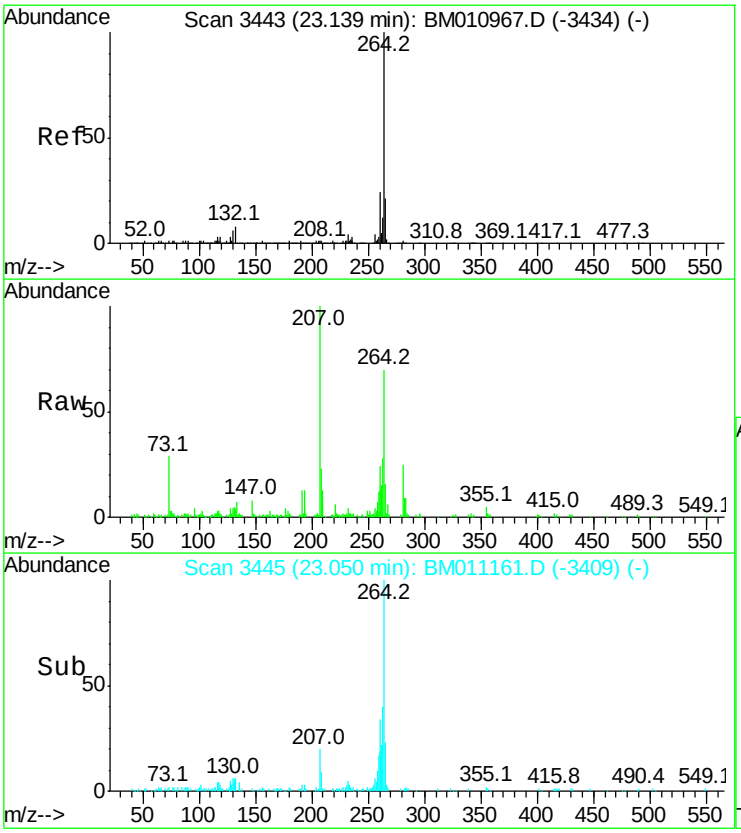
#78
Terphenyl-d14
Concen: 126.742 ng
RT: 19.41 min Scan# 2826
Delta R.T. -0.06 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

Tgt Ion:244 Resp: 6935418

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	6.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:264 Resp: 169517

Ion	Ratio	Lower	Upper
264	100		
260	33.7	18.6	27.8#
265	22.8	17.3	25.9