Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081417\
Data File : BM011227.D
Acq On : 14 Aug 2017 13:24
Operator : SJ/JU
Sample : I4699-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 14 15:57:08 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	7.29	152	157304	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	534756	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	347794	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	866734	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1086532	20.00	ng	-0.08
86) Perylene-d12	23.02	264	1023251	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1247418	134.05	ng	-0.09
7) Phenol-d6	6.50	99	1691262	127.92	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1699171	119.26	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	808773	145.09	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2831667	102.11	ng	-0.10
78) Terphenyl-d14	19.39	244	4940989	90.08	ng	-0.08
Target Compounds						Qvalue
15) Benzyl Alcohol	7.60	79	30617	2.414	ng	# 37
76) Benzidine	19.02	184	98427	3.787	ng	# 91

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

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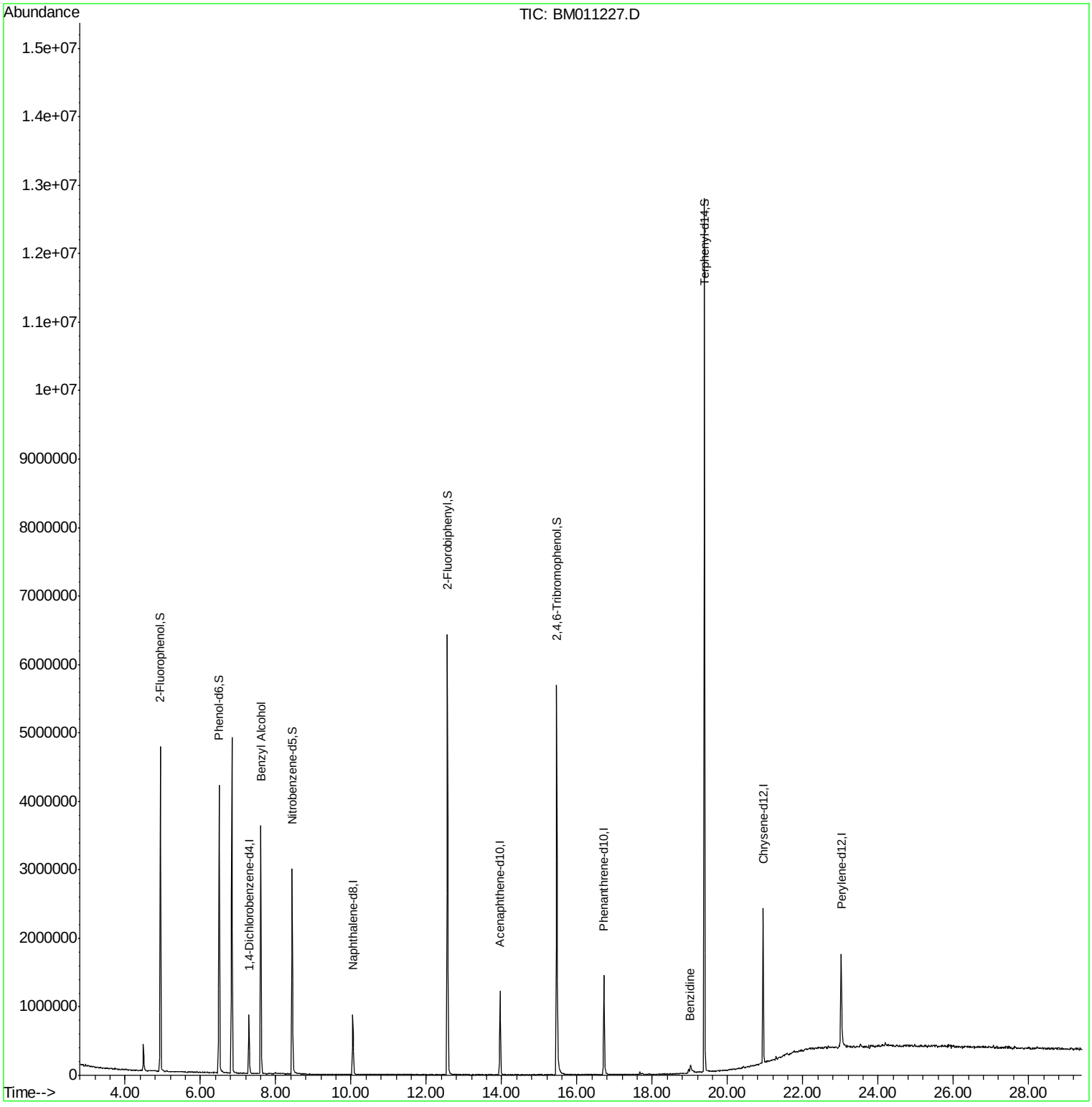
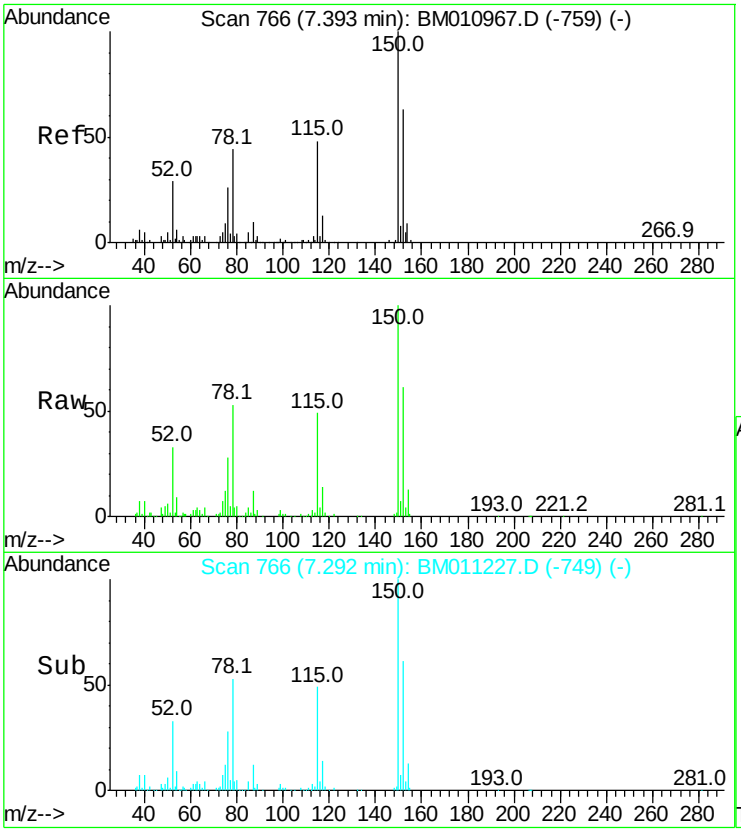


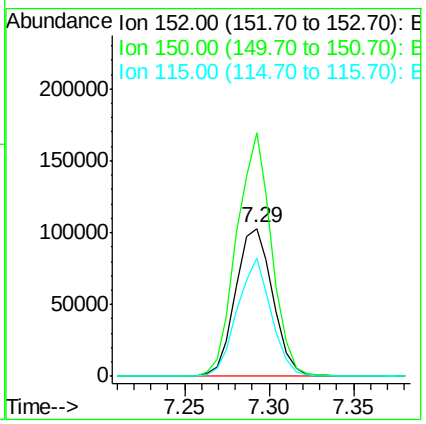


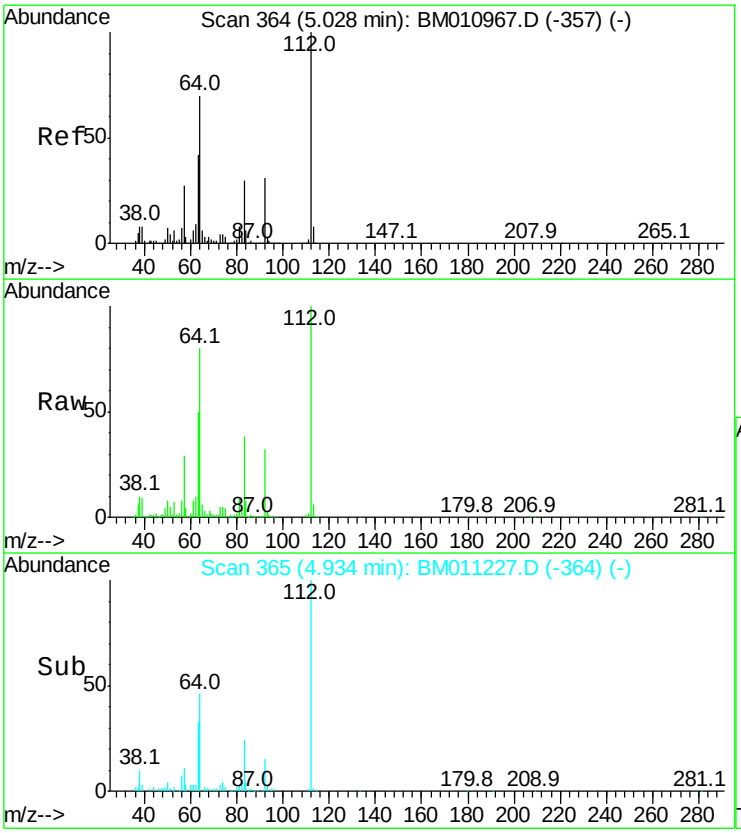
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 157304

Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	80.5	43.0	64.4#

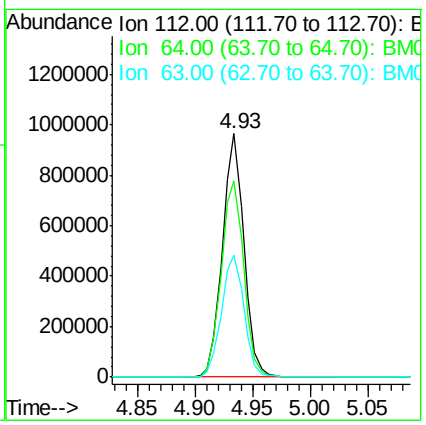


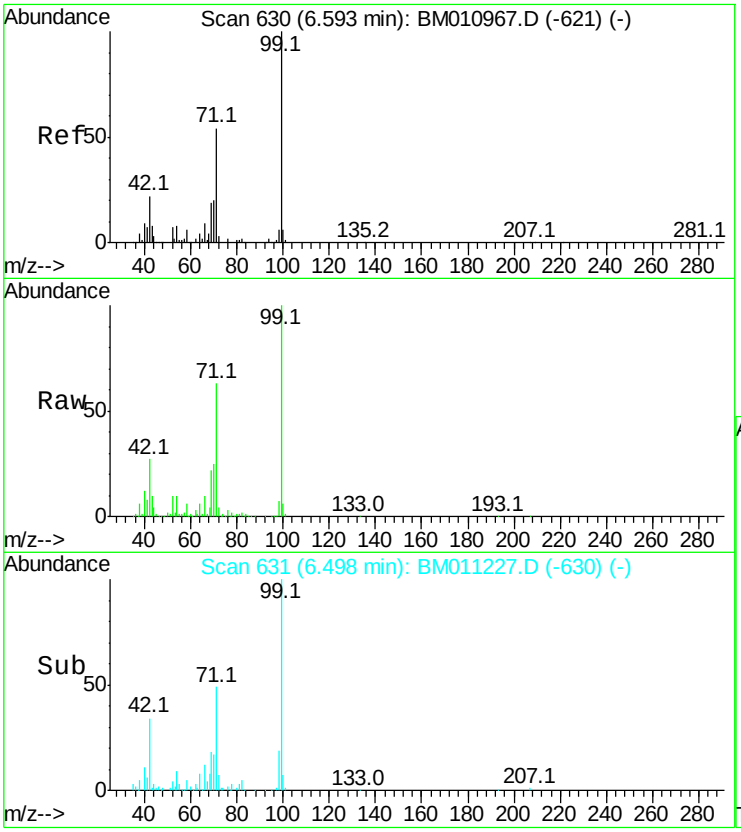


#5
2-Fluorophenol
Concen: 134.052 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion:112 Resp: 1247418

Ion	Ratio	Lower	Upper
112	100		
64	80.4	38.6	57.8#
63	50.1	19.3	28.9#



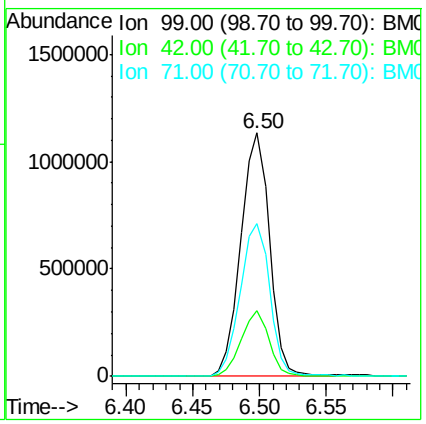


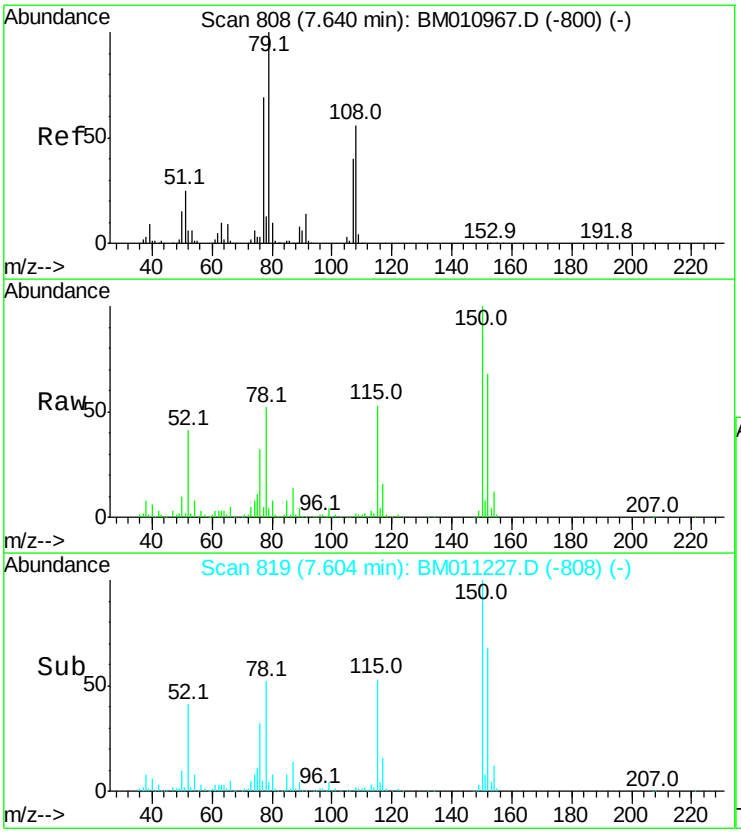
#7
Phenol-d6
Concen: 127.918 ng
RT: 6.50 min Scan# 631
Delta R.T. -0.09 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1691262

Ion	Ratio	Lower	Upper
99	100		
42	26.8	11.0	16.4#
71	62.9	23.4	35.2#

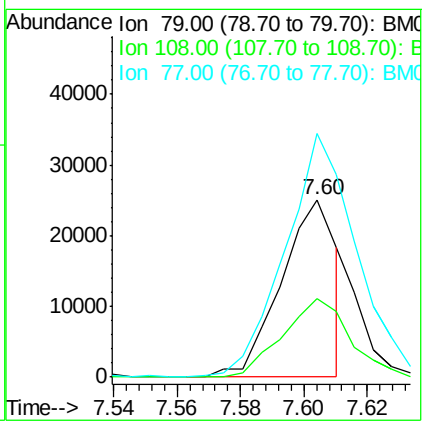


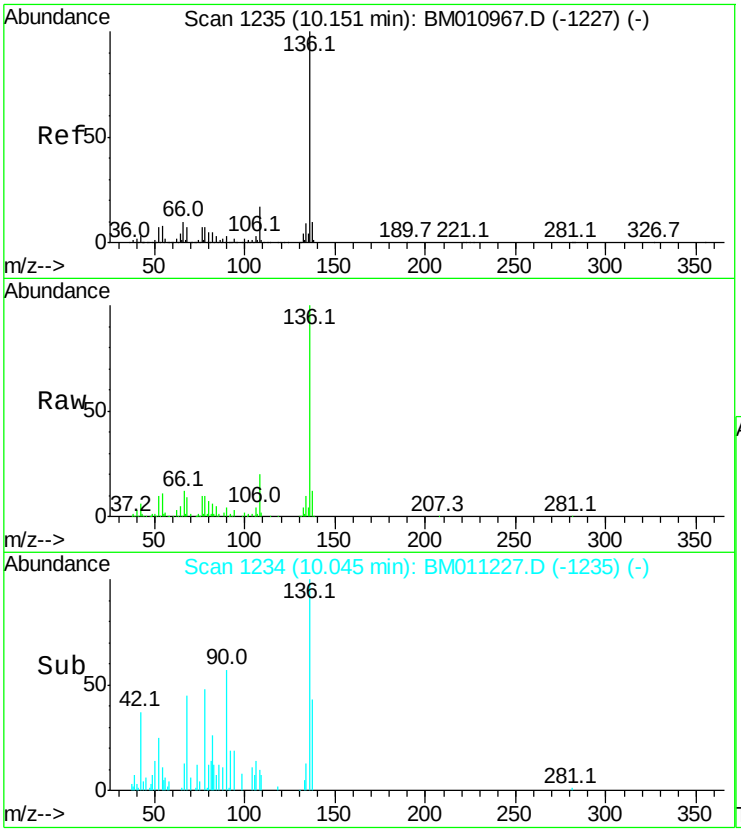


#15
Benzyl Alcohol
Concen: 2.414 ng
RT: 7.60 min Scan# 819
Delta R.T. -0.04 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion: 79 Resp: 30617

Ion	Ratio	Lower	Upper
79	100		
108	44.2	65.0	97.4#
77	137.0	53.0	79.6#



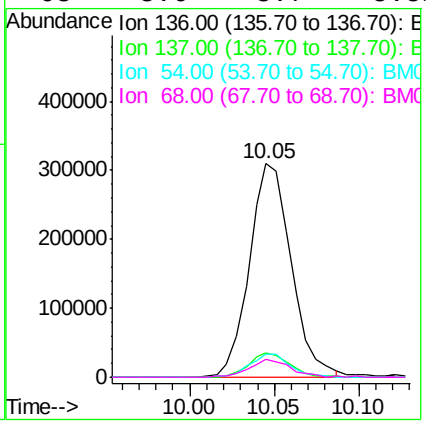


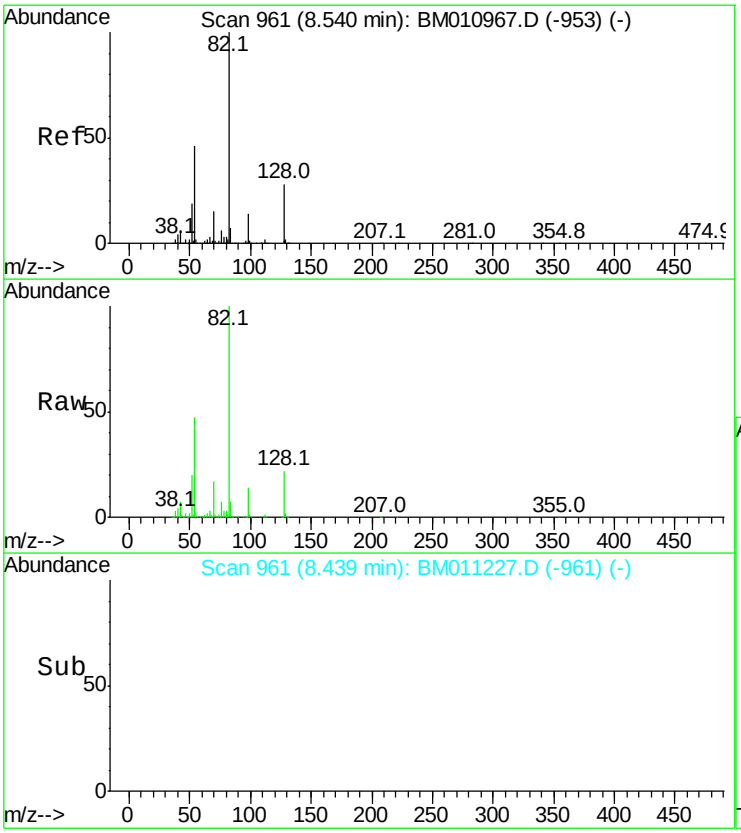
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.11 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 534756

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.9	4.6	6.8#
68	8.6	3.7	5.5#

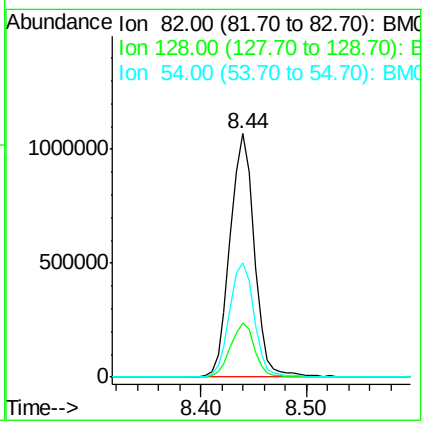


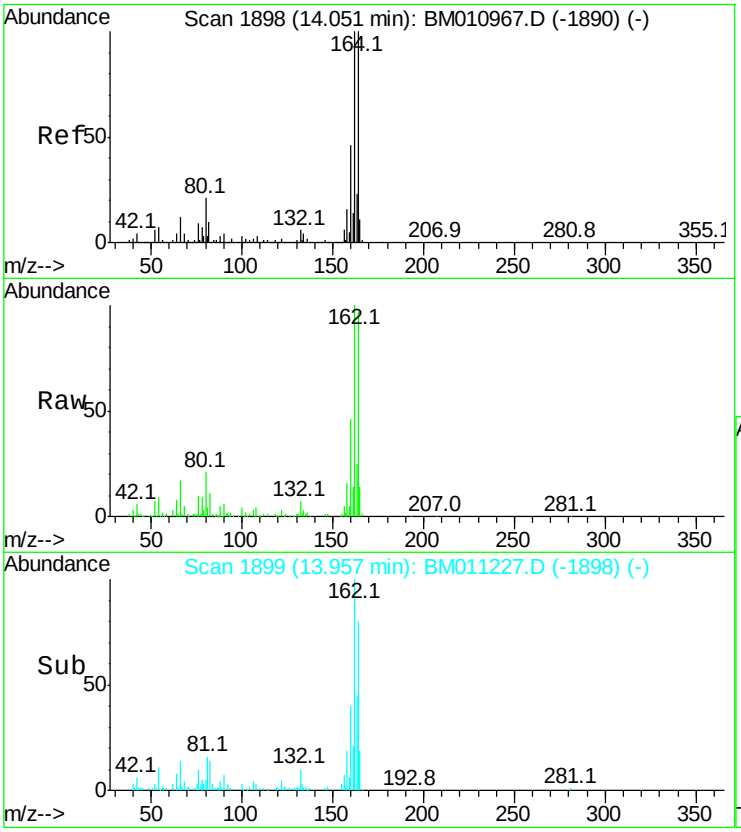


#23
Nitrobenzene-d5
Concen: 119.256 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion: 82 Resp: 1699171

Ion	Ratio	Lower	Upper
82	100		
128	22.3	32.8	49.2#
54	46.8	40.6	60.8



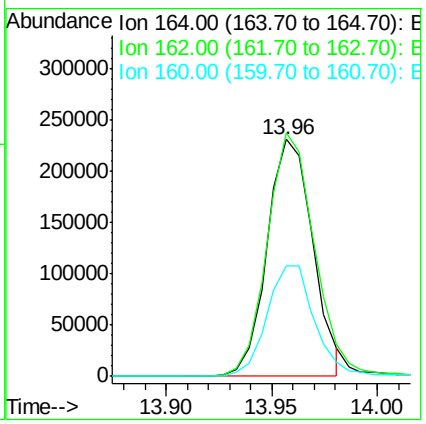


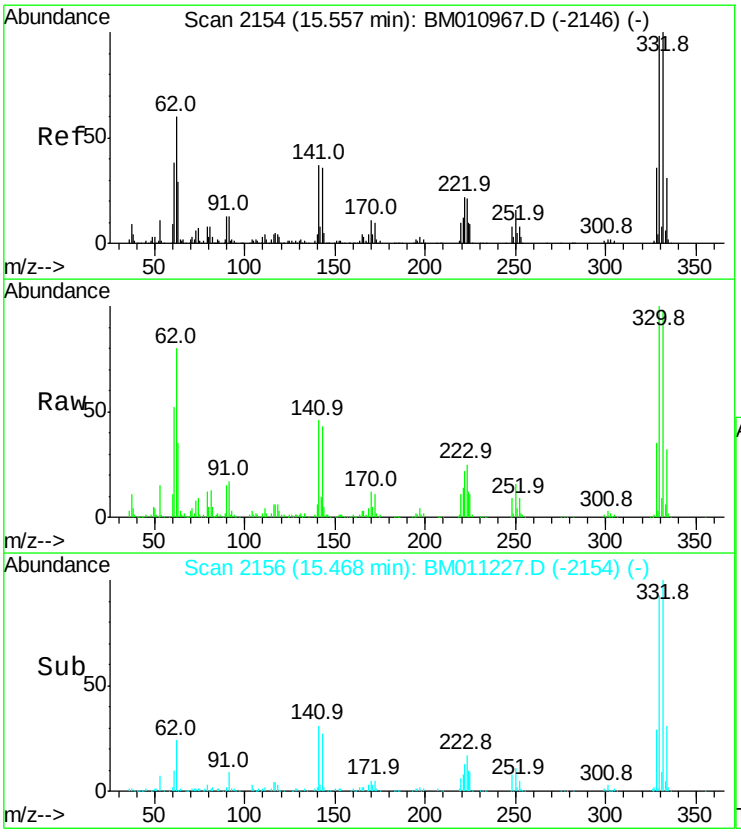
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1899
Delta R.T. -0.09 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 347794

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	46.9	35.8	53.6

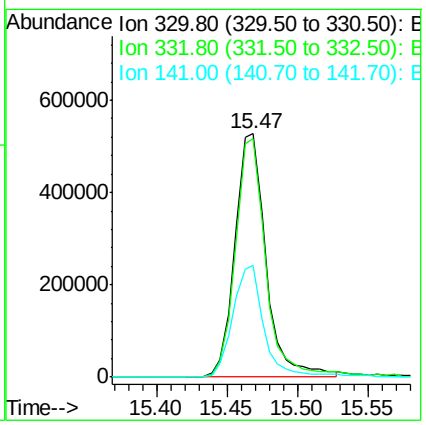


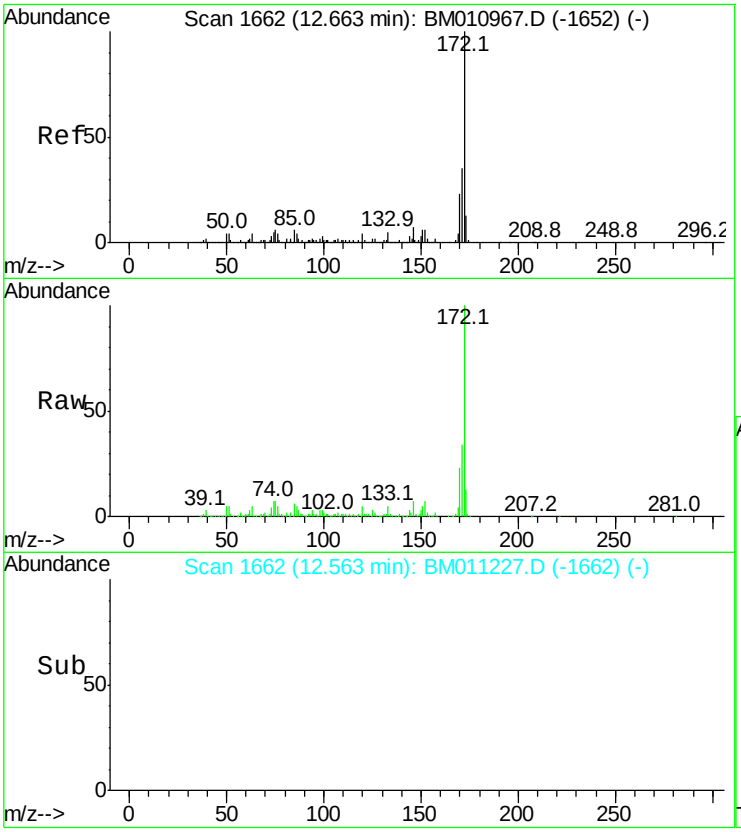


#41
2,4,6-Tribromophenol
Concen: 145.087 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion:330 Resp: 808773

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	45.8	0.0	0.0#



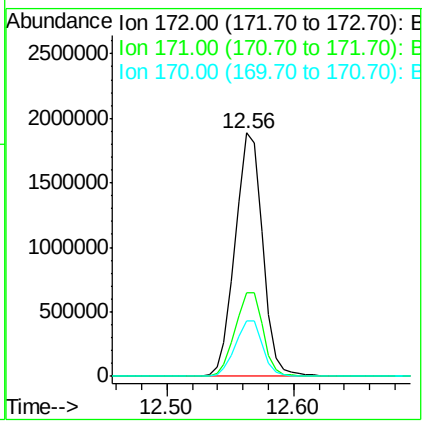


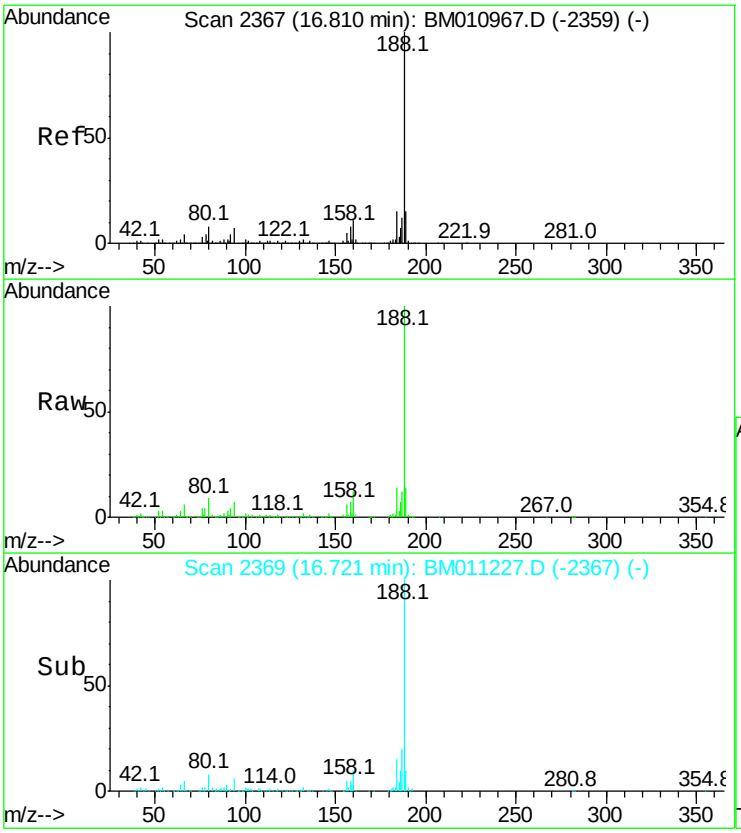
#44
2-Fluorobiphenyl
Concen: 102.109 ng
RT: 12.56 min Scan# 1662
Delta R.T. -0.10 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2831667

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.7	18.8	28.2

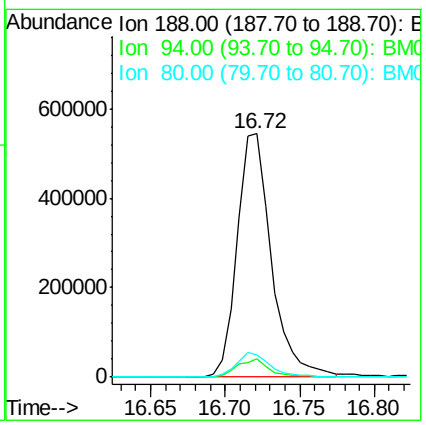


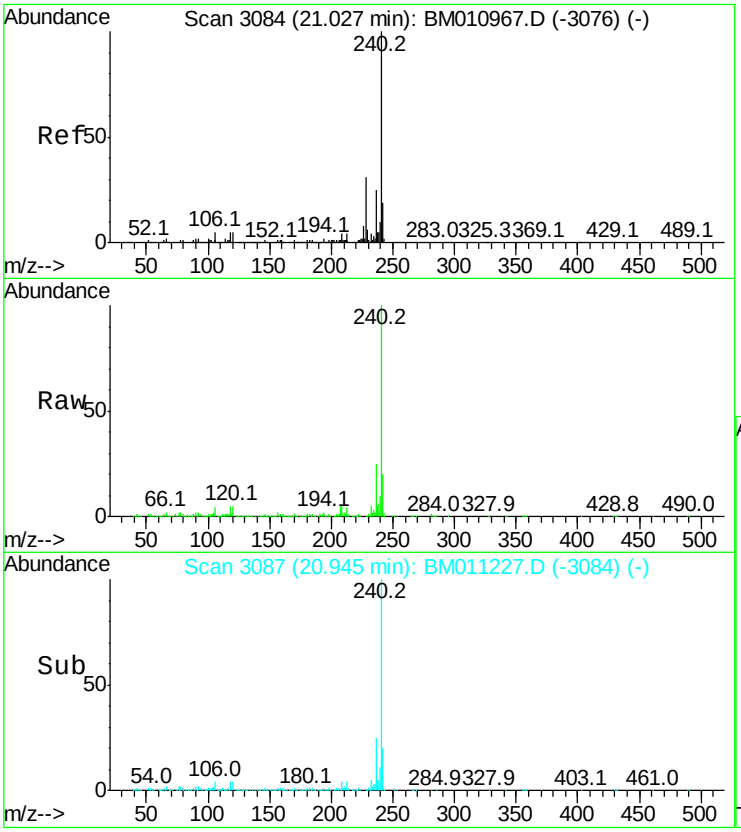


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion:188 Resp: 866734

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	9.1	9.3	13.9#



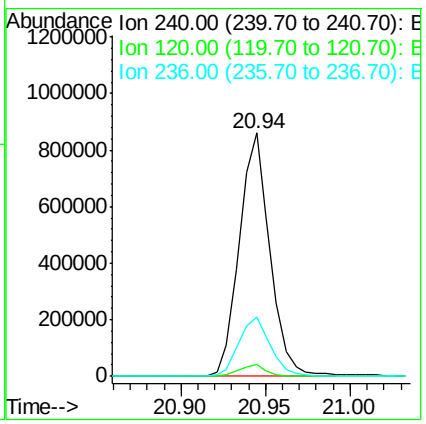


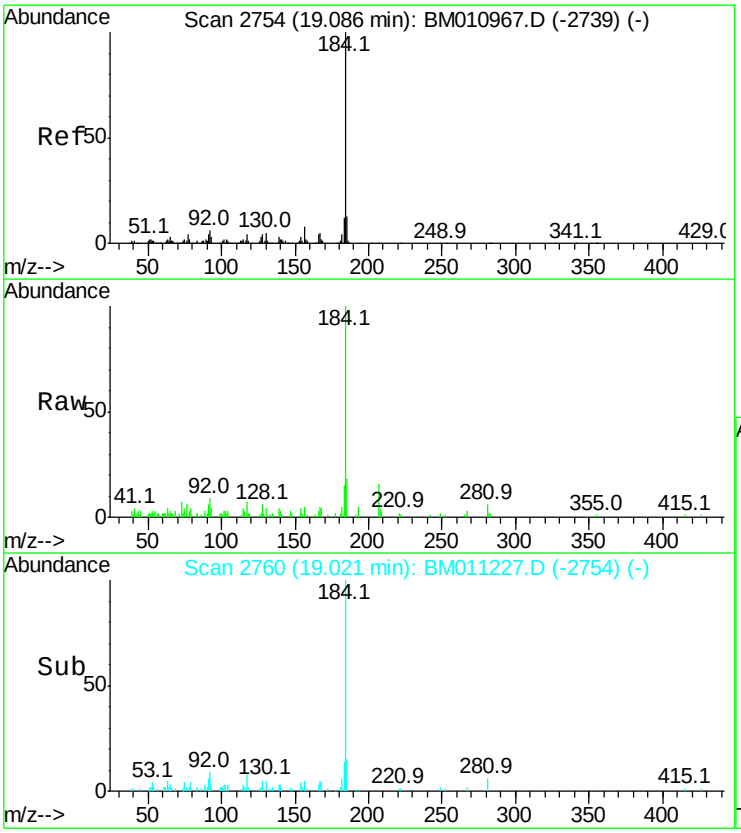
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1086532

Ion	Ratio	Lower	Upper
240	100		
120	4.7	8.2	12.2#
236	24.5	20.0	30.0

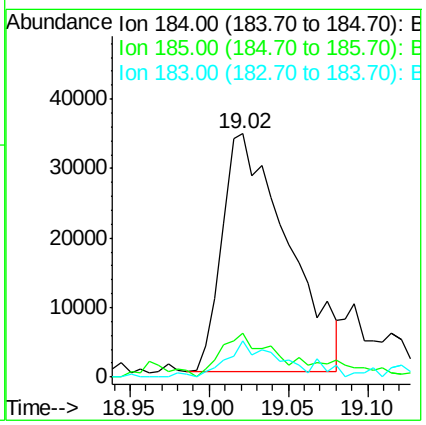


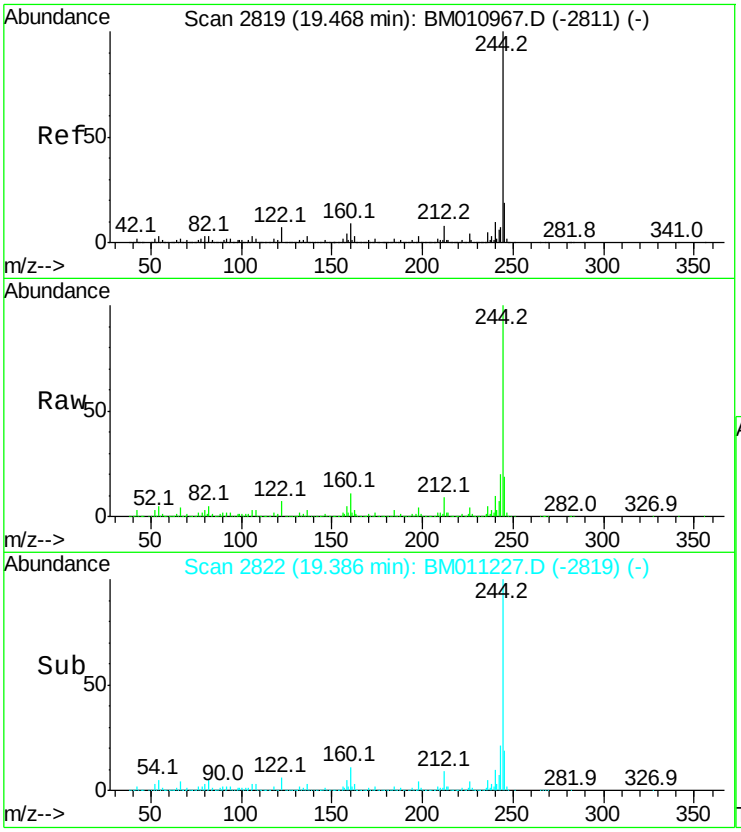


#76
Benzidine
Concen: 3.787 ng
RT: 19.02 min Scan# 2760
Delta R.T. -0.06 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion:184 Resp: 98427

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.3	16.9#
183	14.9	8.9	13.3#



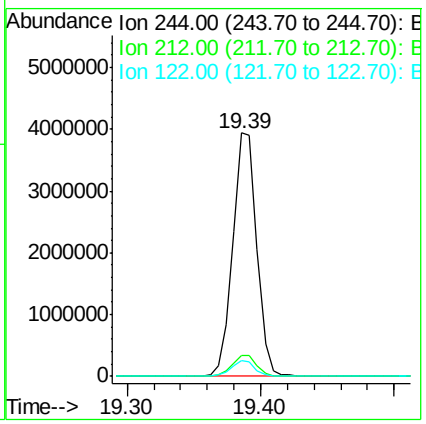


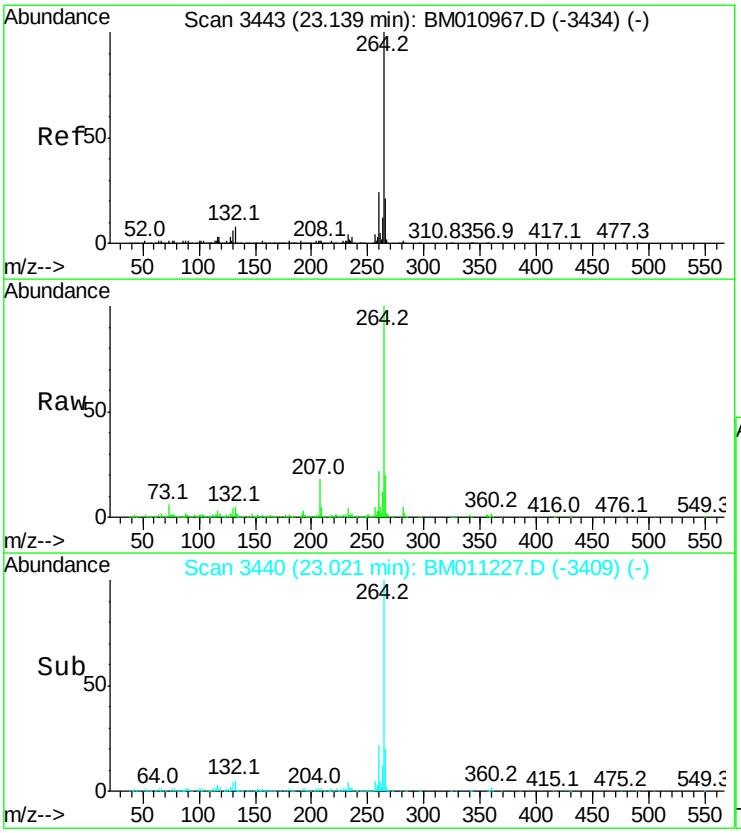
#78
Terphenyl-d14
Concen: 90.080 ng
RT: 19.39 min Scan# 2822
Delta R.T. -0.08 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 4940989

Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.12 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion:264 Resp: 1023251

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.5	17.3	25.9