Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 11 23:40:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	156538	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	641633	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	383176	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	928879	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1379537	20.00	ng		0.00
87) Perylene-d12	23.63	264	1895404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	861087	101.57	ng		0.00
7) Phenol-d6	6.93	99	1142593	106.11	ng		0.00
23) Nitrobenzene-d5	8.92	82	693486	62.66	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	493897	101.23	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	1542457	52.53	ng		0.00
79) Terphenyl-d14	19.79	244	2839960	43.40	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.96	94	24073	2.200	ng		90
18) Hexachloroethane	8.86	117	17962	4.215	ng	#	1
22) Acetophenone	8.55	105	37757	2.379	ng	#	57
31) Naphthalene	10.60	128	70766	2.290	ng	#	90
32) Benzoic acid	9.90	122	154	6.527	ng	#	1
35) Caprolactam	11.55	113	19942	6.241	ng	#	1
37) 2-Methylnaphthalene	12.22	142	133203	6.101	ng		97
38) 1-Methylnaphthalene	12.43	142	82253	3.894	ng	#	94
50) Dimethylphthalate	13.86	163	494068	15.700	ng	#	98
54) 2,4-Dinitrophenol	14.51	184	113	7.230	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.56	198	278	5.435	ng	#	1

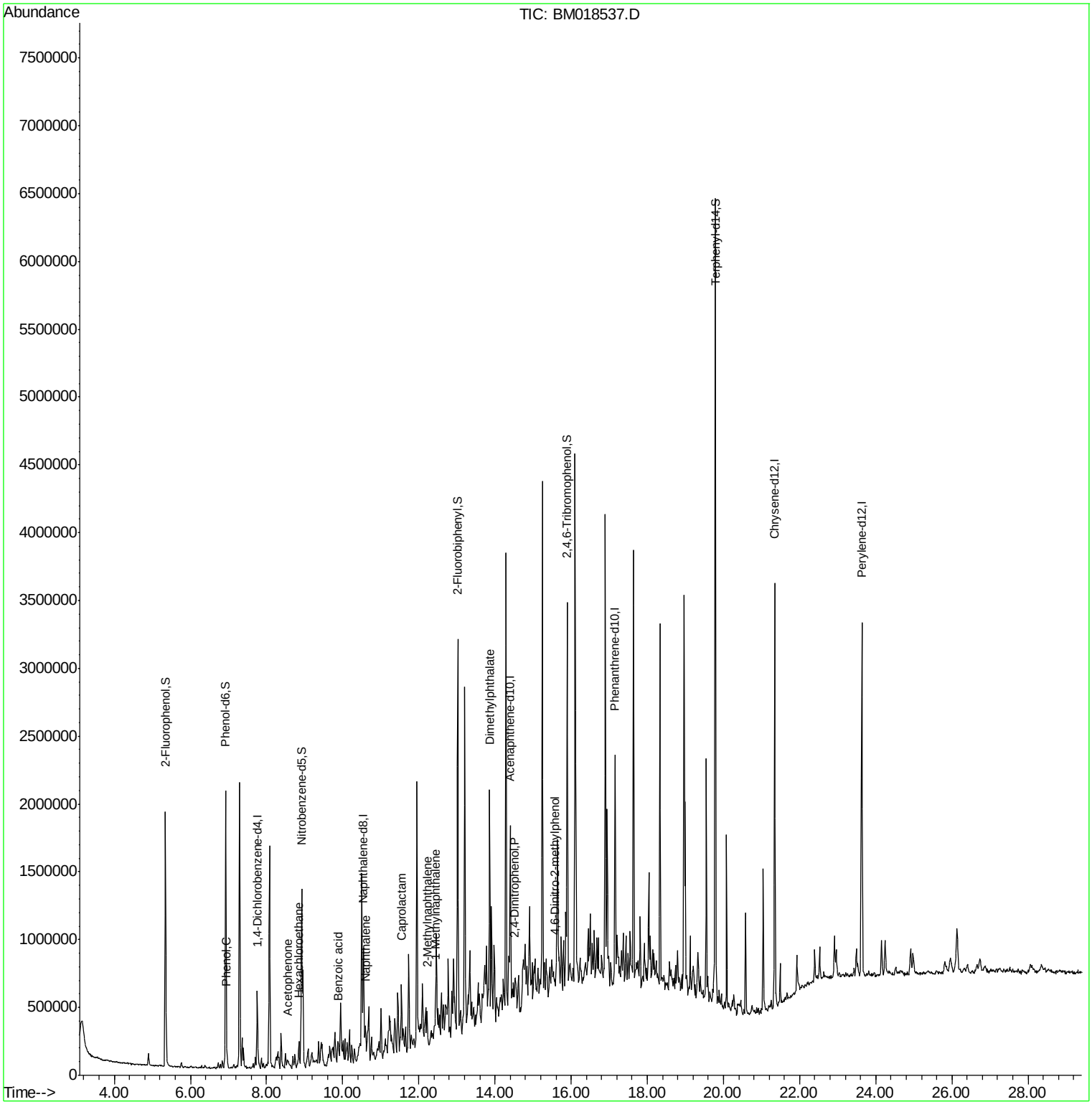
(#) = qualifier out of range (m) = manual integration (+) = signals summed

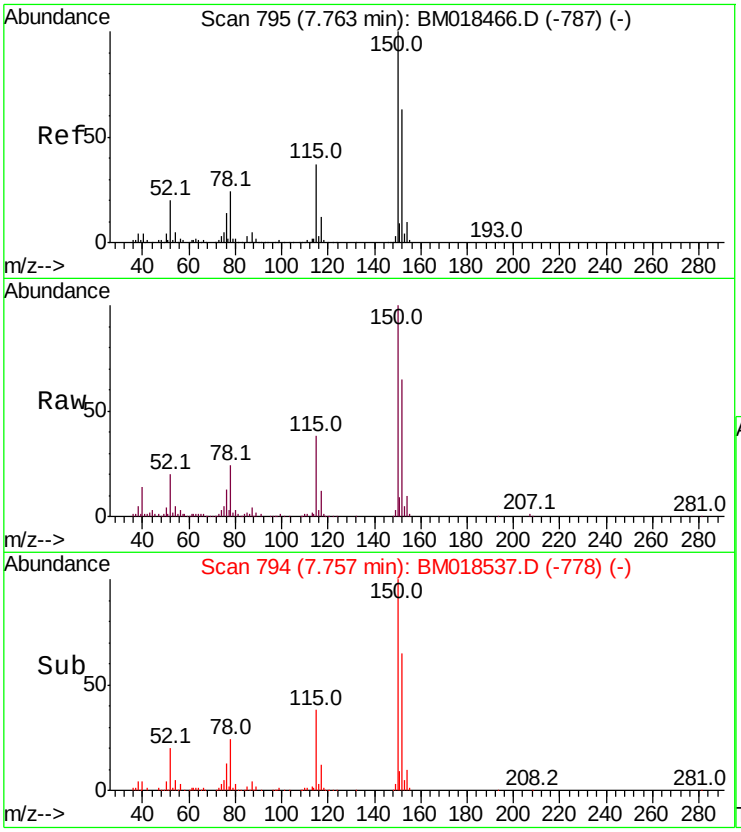
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 11 23:40:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration



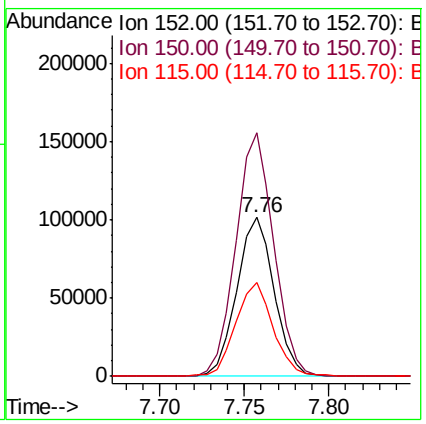


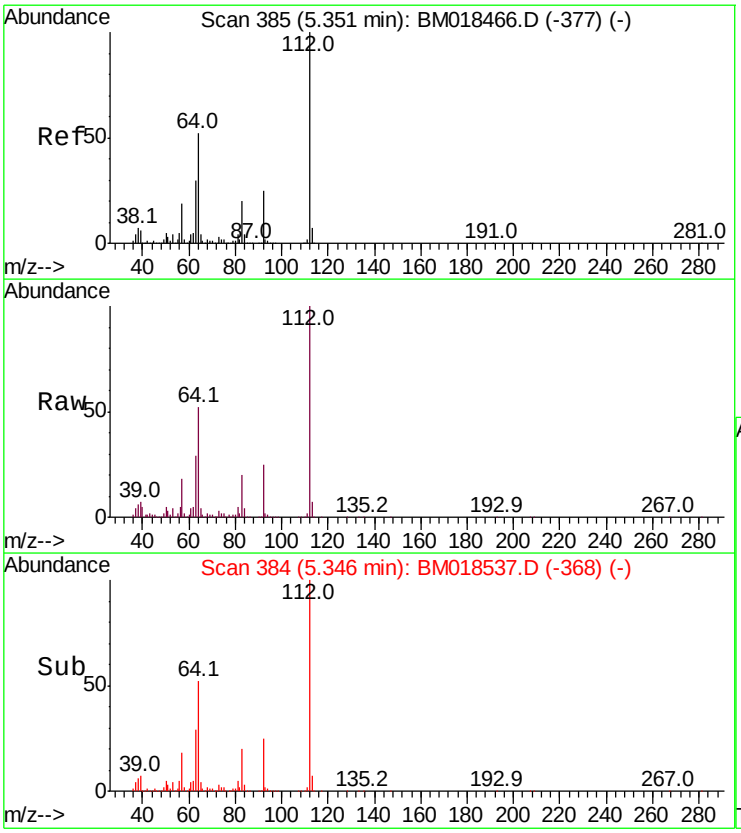
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 156538

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	58.9	45.5	68.3

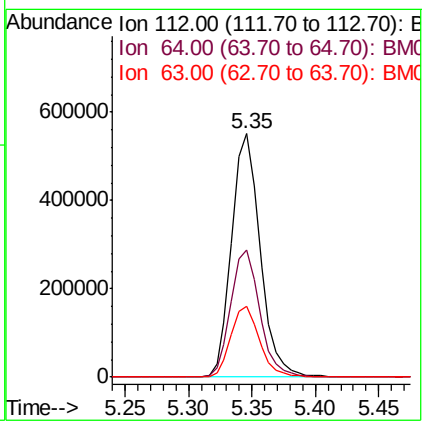


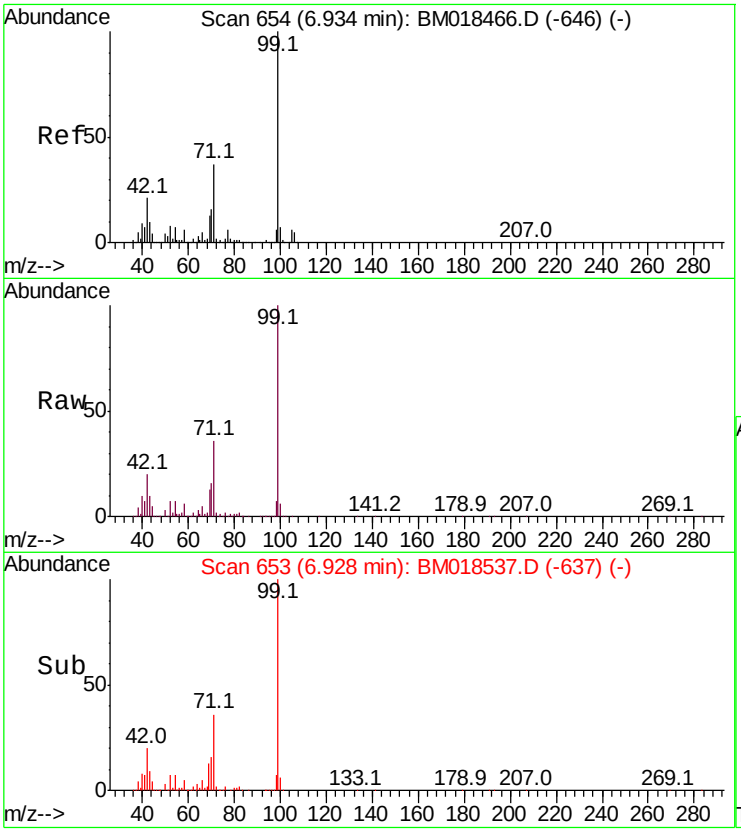


#5
2-Fluorophenol
Concen: 101.572 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:112 Resp: 861087

Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.5	69.7
63	29.0	25.2	37.8



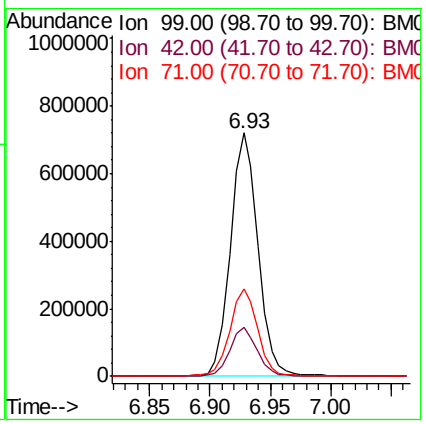


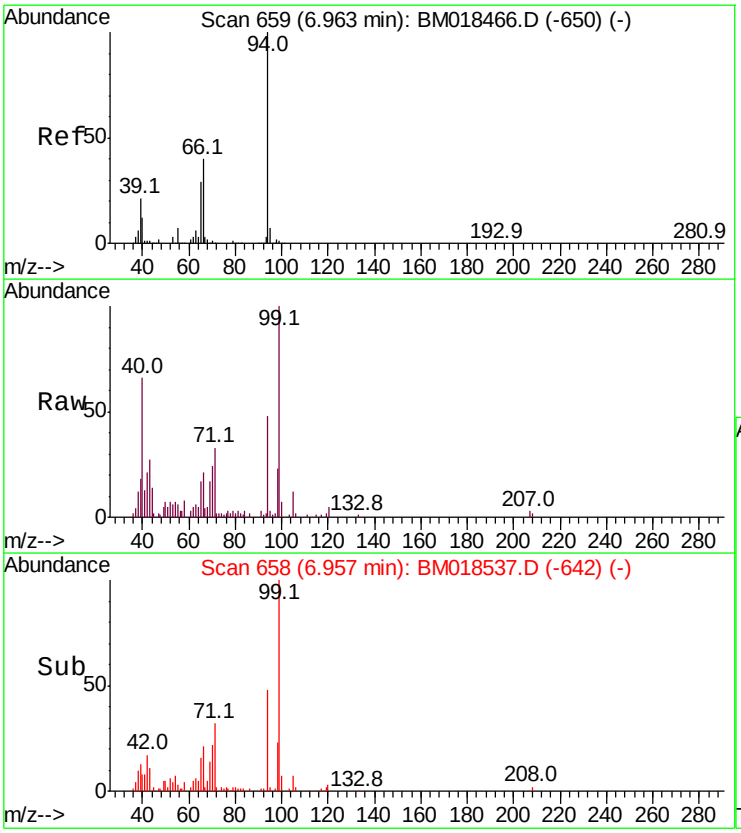
#7
Phenol-d6
Concen: 106.115 ng
RT: 6.93 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1142593

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	36.0	28.0	42.0

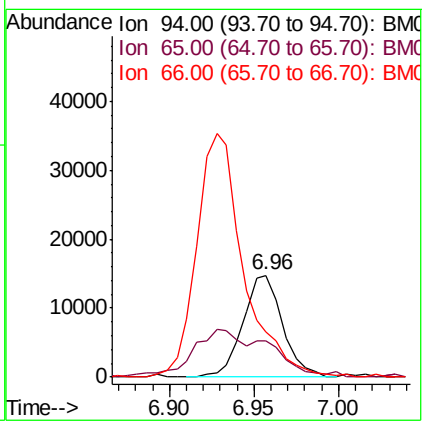


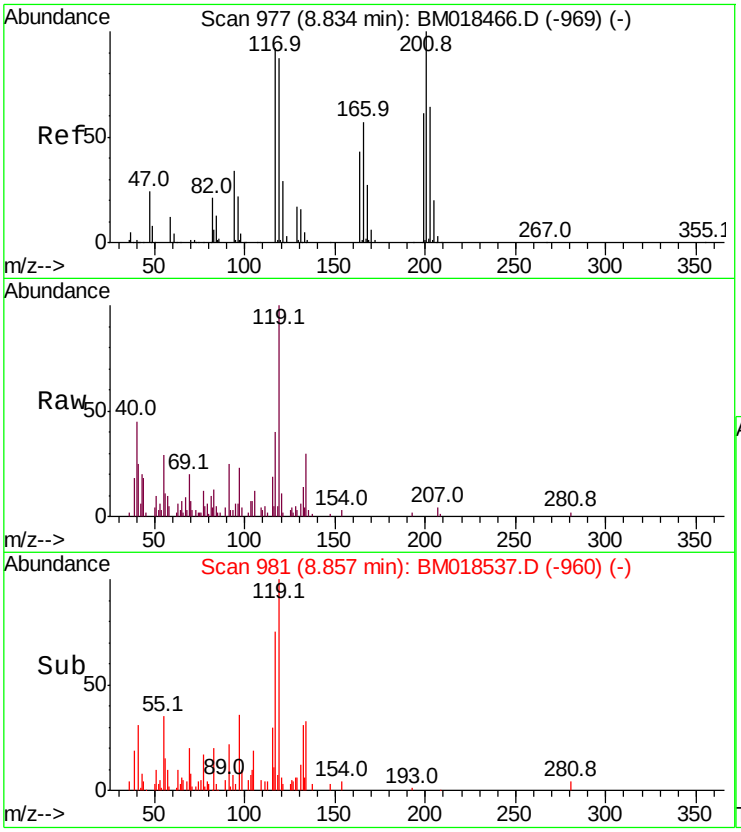


#10
Phenol
Concen: 2.200 ng
RT: 6.96 min Scan# 658
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion: 94 Resp: 24073

Ion	Ratio	Lower	Upper
94	100		
65	36.2	9.4	49.4
66	44.4	19.1	59.1



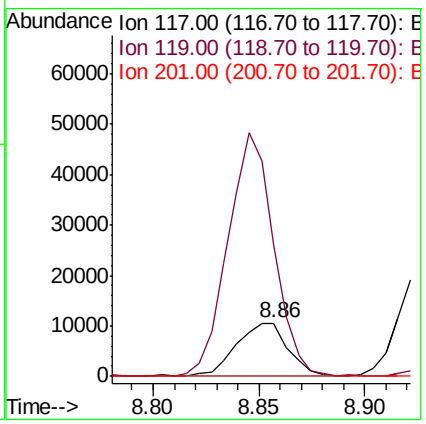


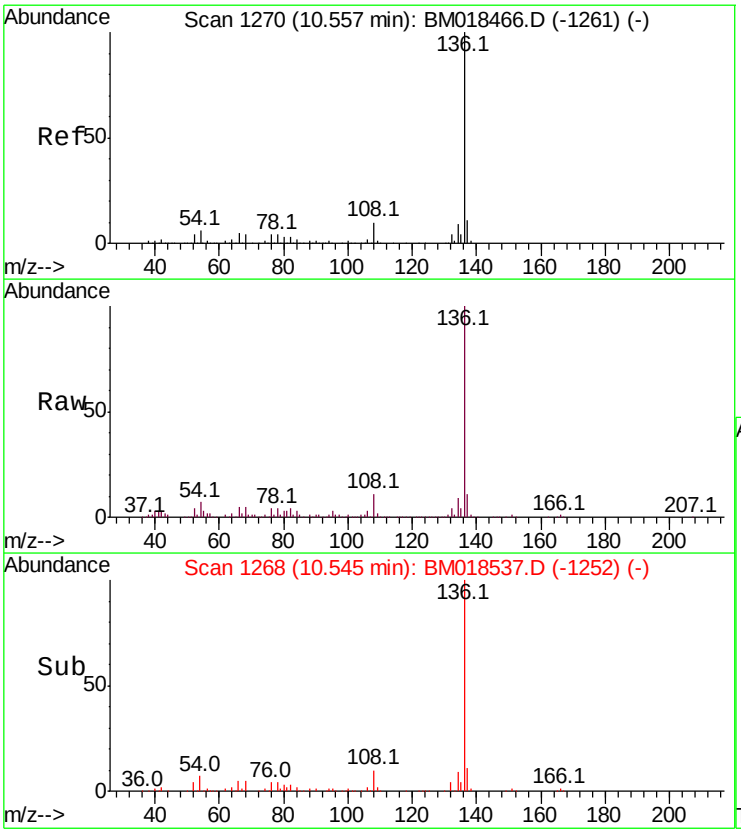
#18
Hexachloroethane
Concen: 4.215 ng
RT: 8.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 17962

Ion	Ratio	Lower	Upper
117	100		
119	249.2	78.3	117.5#
201	0.0	81.4	122.0#

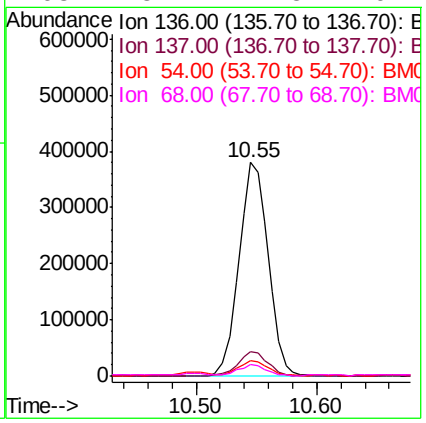


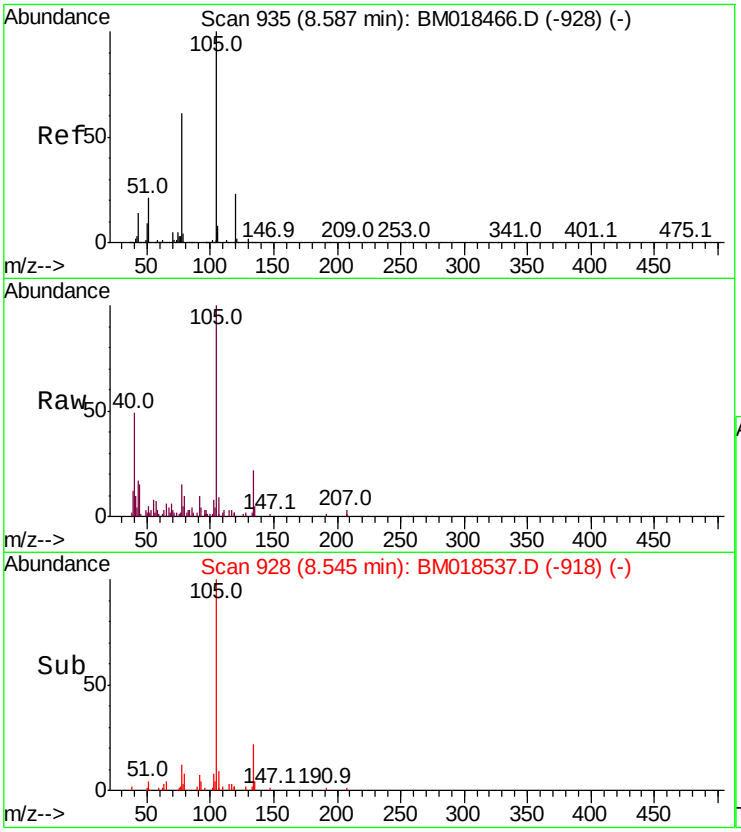


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:136 Resp: 641633

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.2	6.0	9.0
68	5.1	4.5	6.7



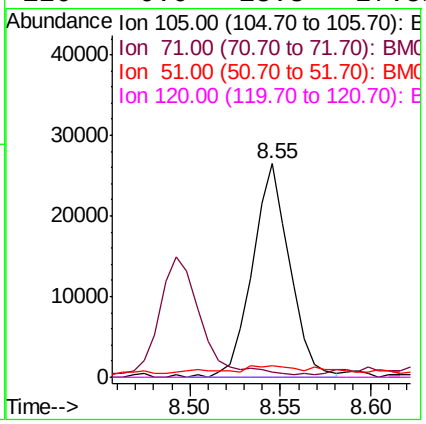


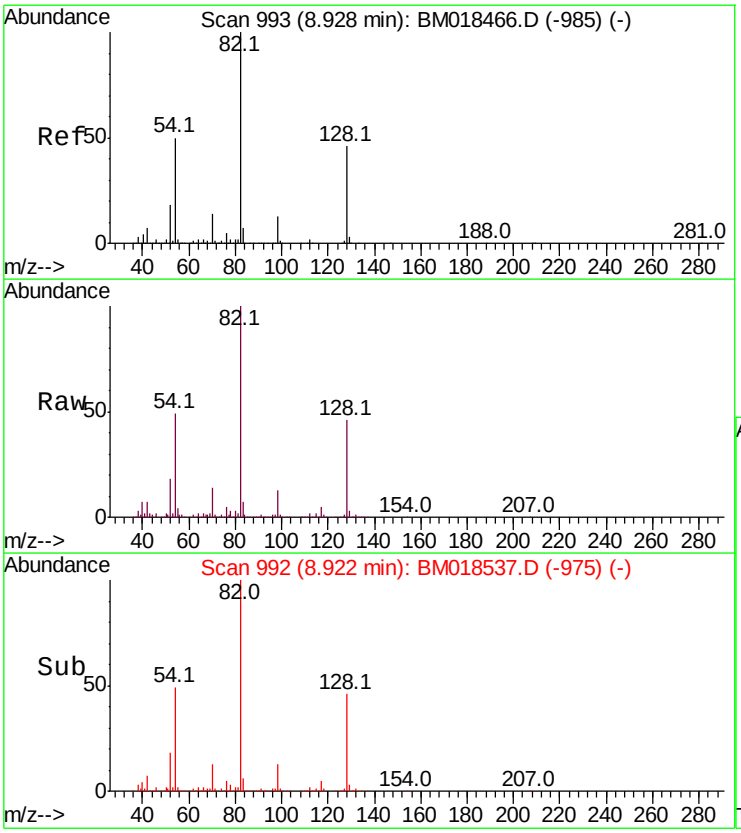
#22
Acetophenone
Concen: 2.379 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.04 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 37757

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	5.3	22.6	34.0#
120	0.0	18.3	27.5#

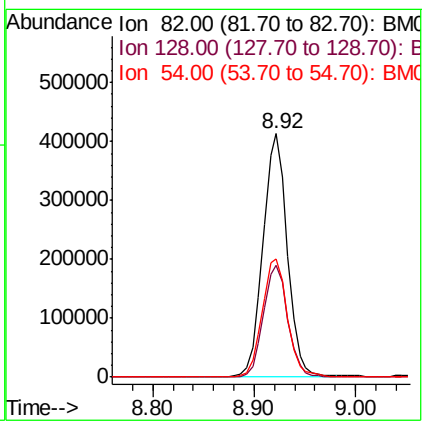


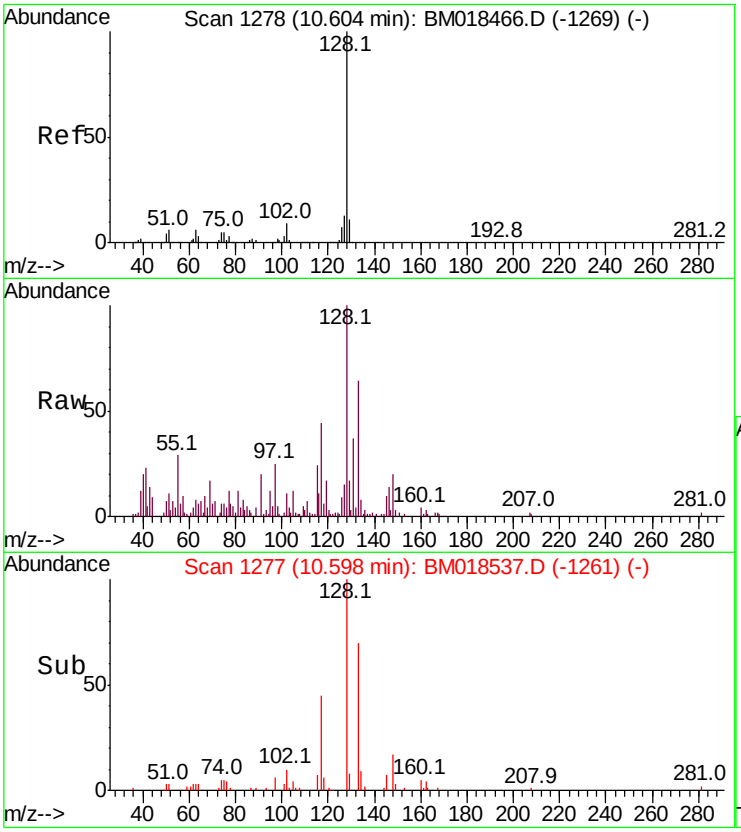


#23
Nitrobenzene-d5
Concen: 62.656 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion: 82 Resp: 693486

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	48.6	41.7	62.5



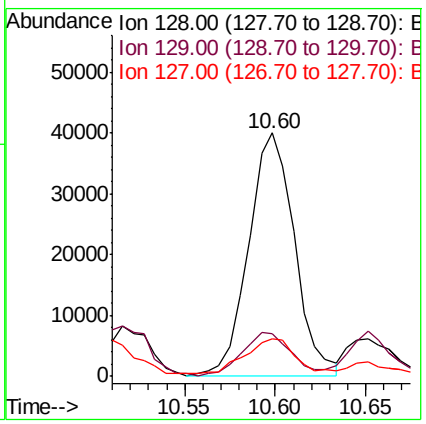


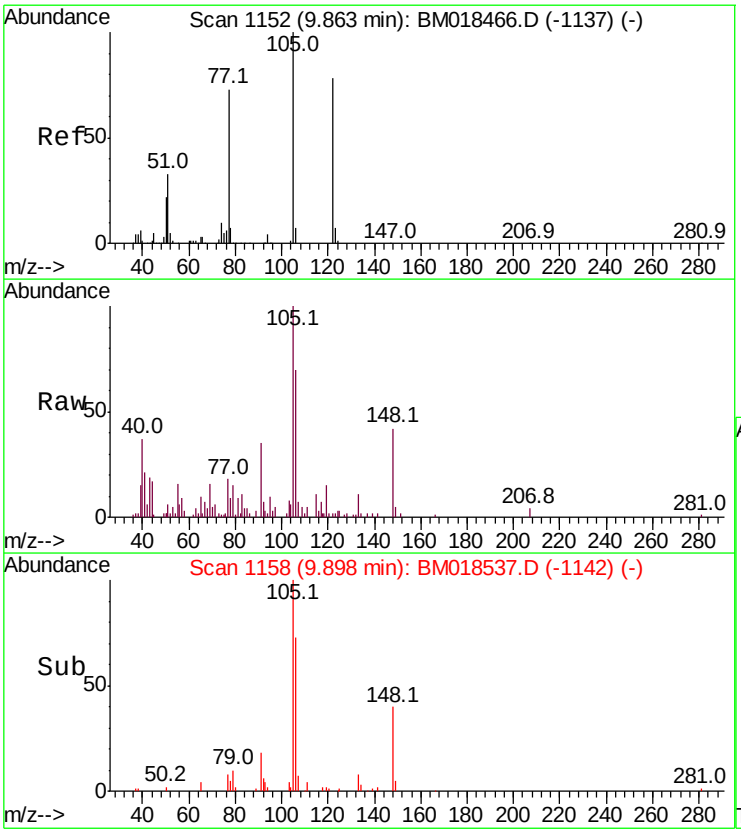
#31
Naphthalene
Concen: 2.290 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 70766

Ion	Ratio	Lower	Upper
128	100		
129	17.4	8.7	13.1#
127	15.3	10.8	16.2

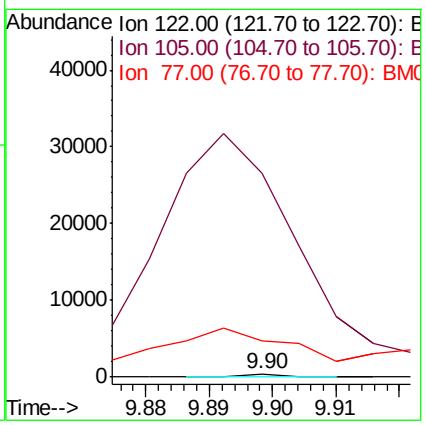


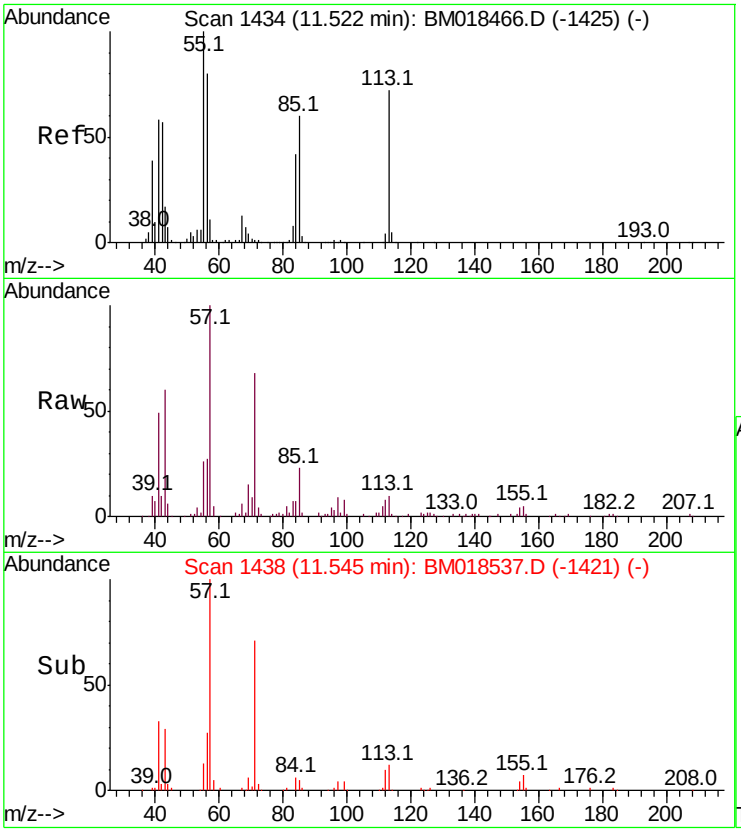


#32
Benzoic acid
Concen: 6.527 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:122 Resp: 154

Ion	Ratio	Lower	Upper
122	100		
105	6100.2	100.4	140.4#
77	1072.9	71.7	111.7#



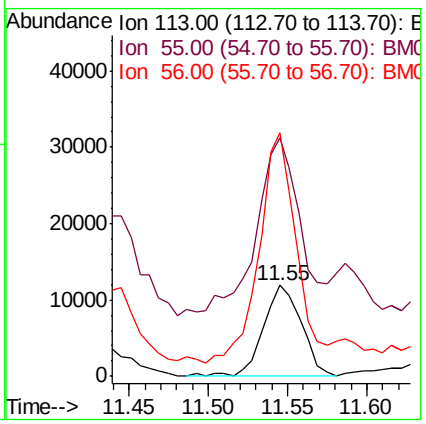


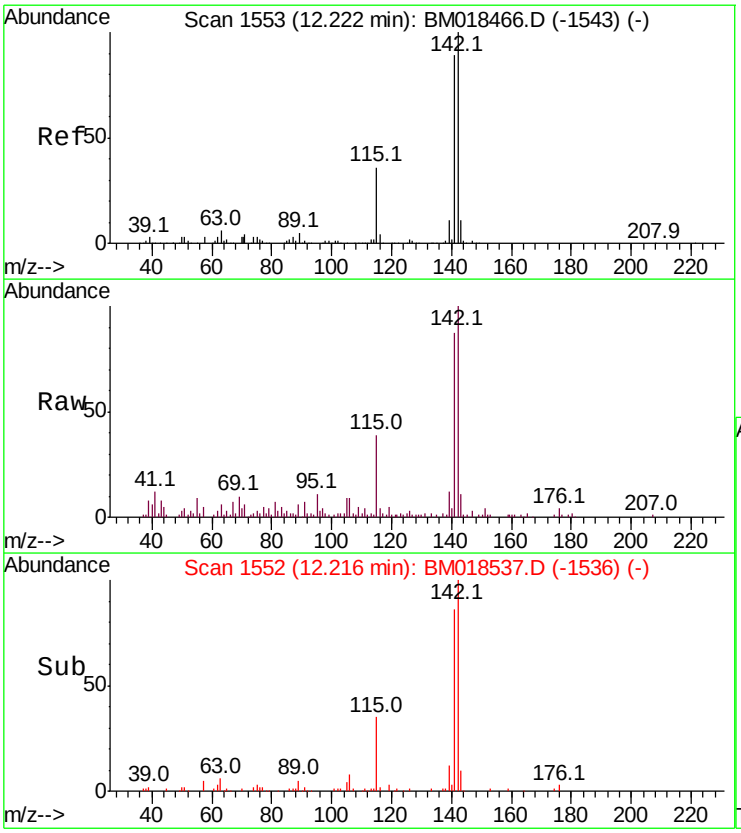
#35
Caprolactam
Concen: 6.241 ng
RT: 11.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 19942

Ion	Ratio	Lower	Upper
113	100		
55	262.4	139.3	179.3#
56	268.3	101.4	141.4#

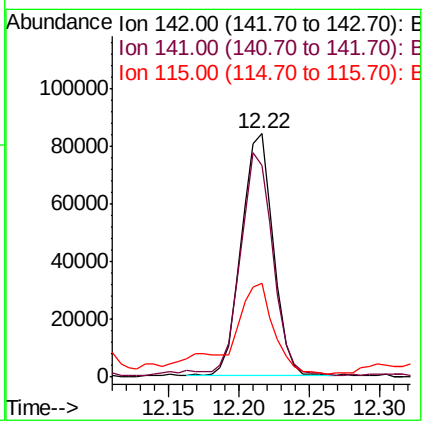


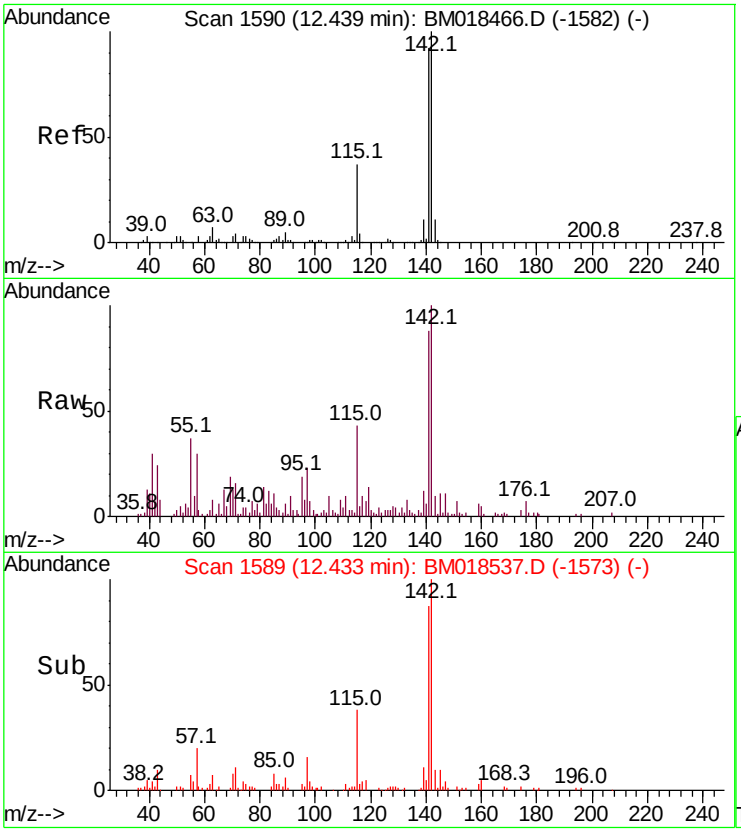


#37
2-Methylnaphthalene
Concen: 6.101 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:142 Resp: 133203

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.4	107.2
115	38.7	28.0	42.0



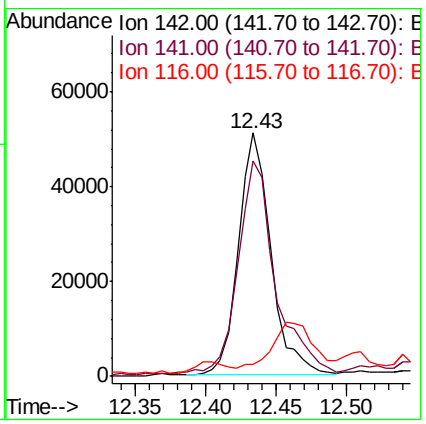


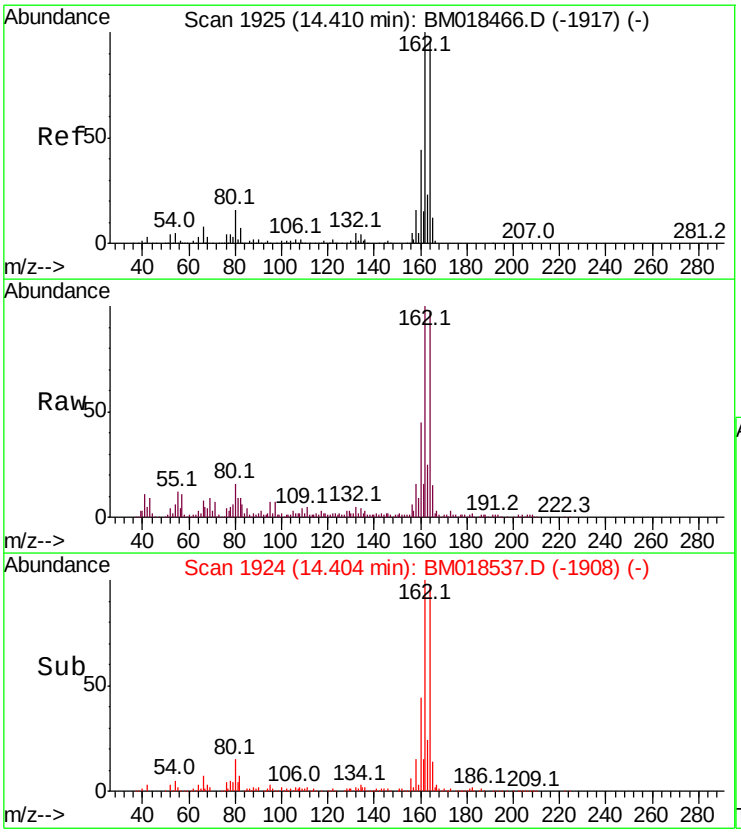
#38
1-Methylnaphthalene
Concen: 3.894 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 82253

Ion	Ratio	Lower	Upper
142	100		
141	88.3	75.6	113.4
116	5.0	3.0	4.6#

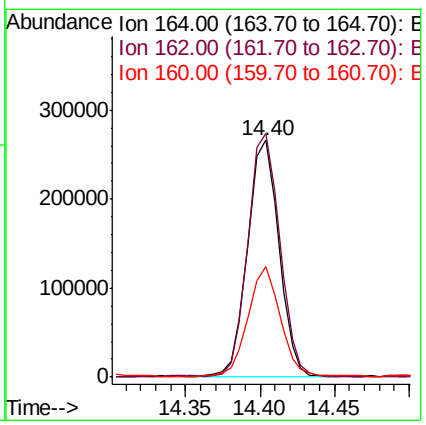


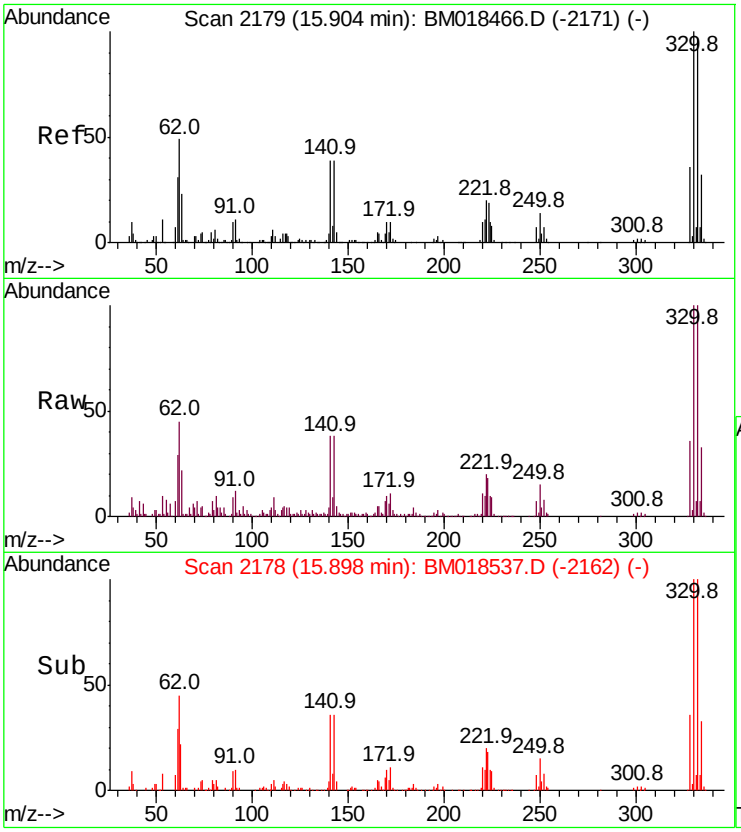


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:164 Resp: 383176

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	46.4	37.1	55.7



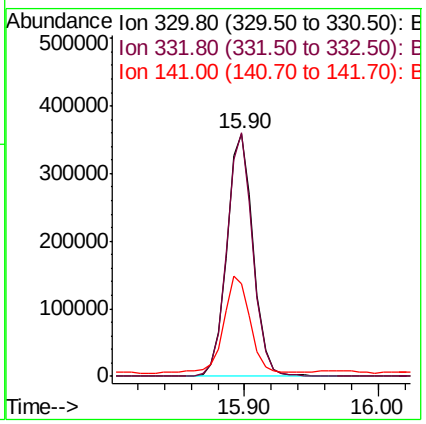


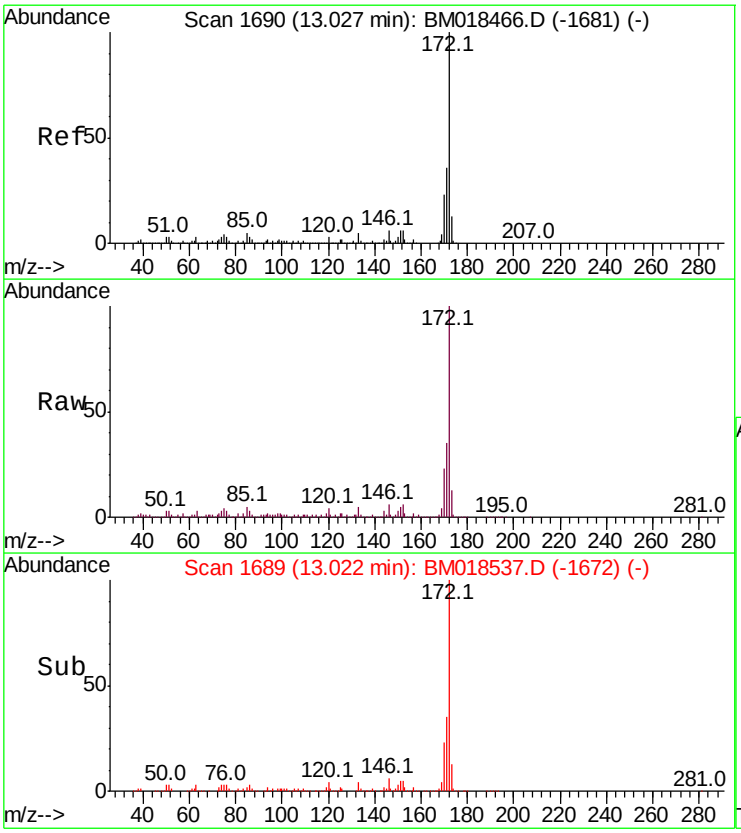
#42
2,4,6-Tribromophenol
Concen: 101.231 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 493897

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.6	116.4
141	39.9	31.7	47.5

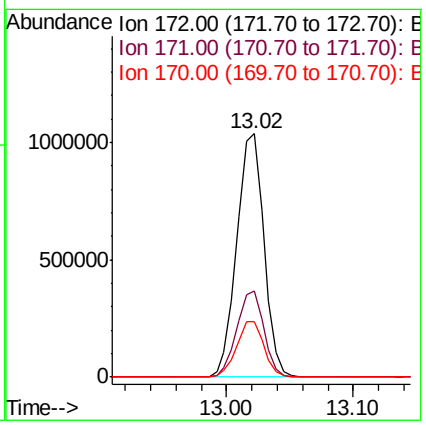


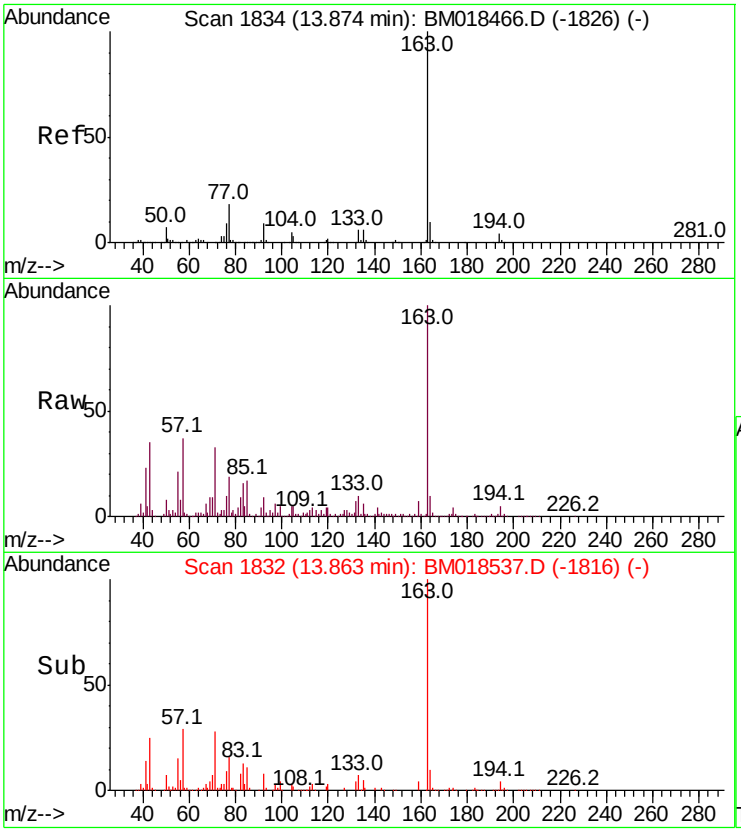


#45
2-Fluorobiphenyl
Concen: 52.527 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:172 Resp: 1542457

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	22.9	18.9	28.3



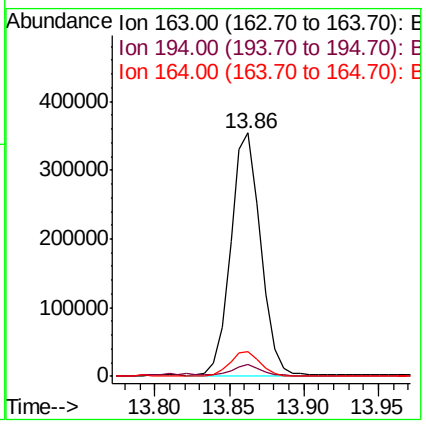


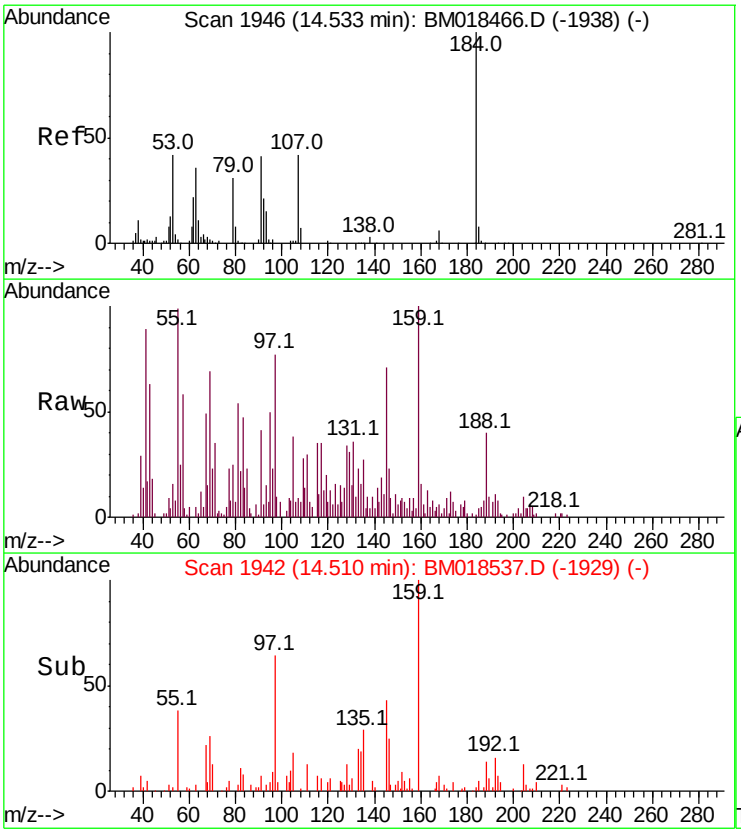
#50
Dimethylphthalate
Concen: 15.700 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 494068

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	10.3	7.8	11.8

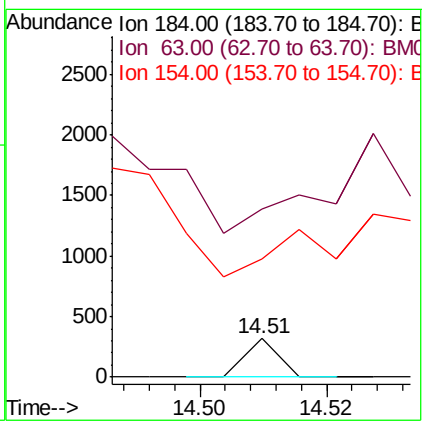


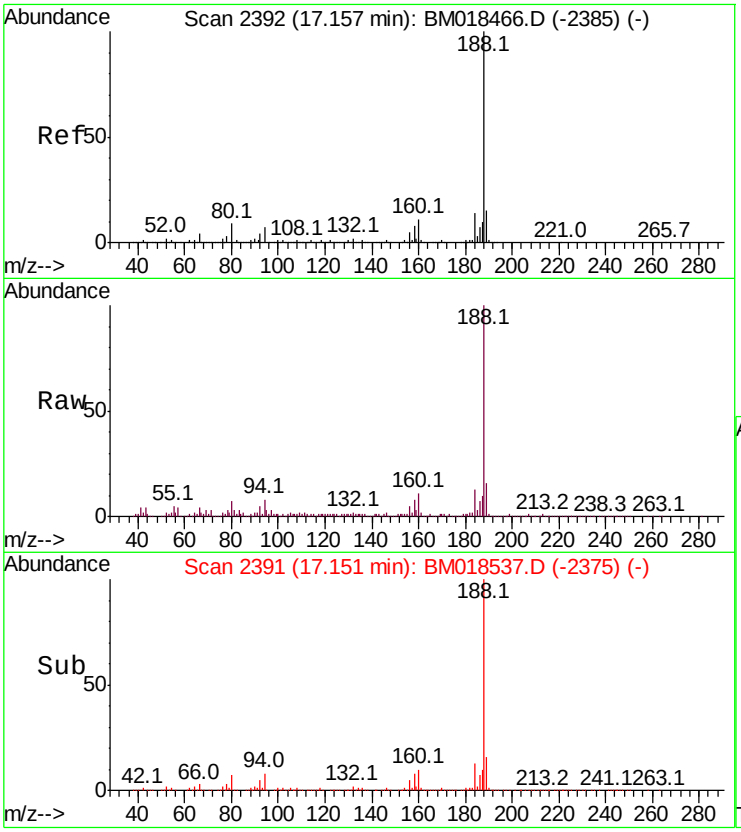


#54
2,4-Dinitrophenol
Concen: 7.230 ng
RT: 14.51 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
63	434.8	55.9	83.9#
154	305.3	54.2	81.4#



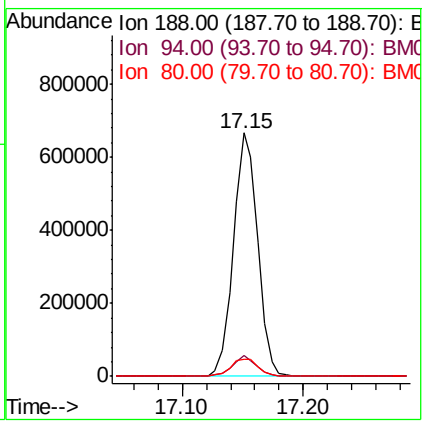


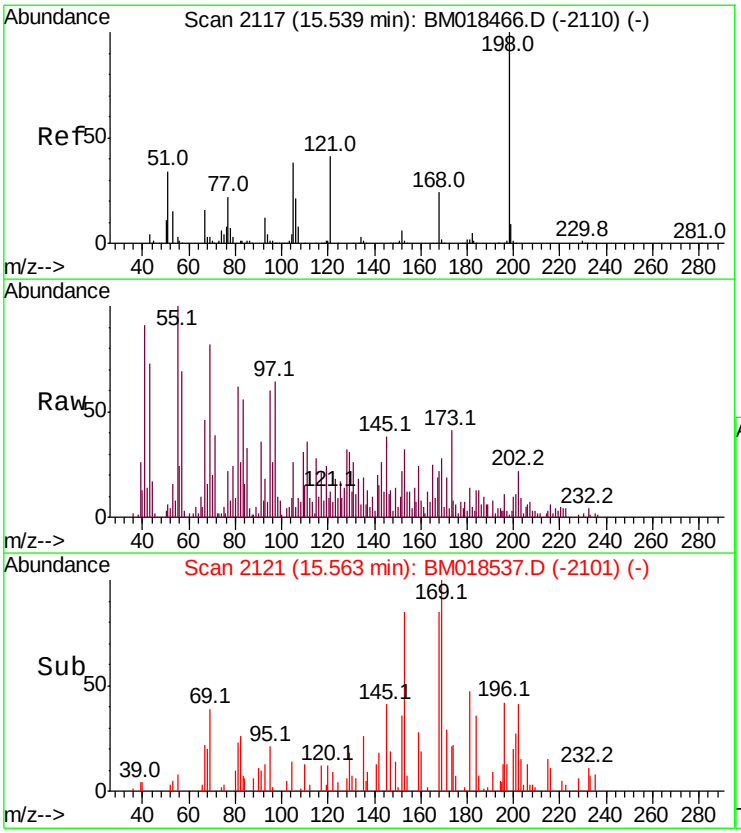
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 928879

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	7.3	7.6	11.4#

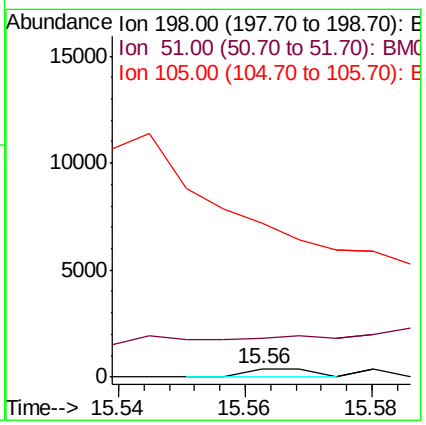


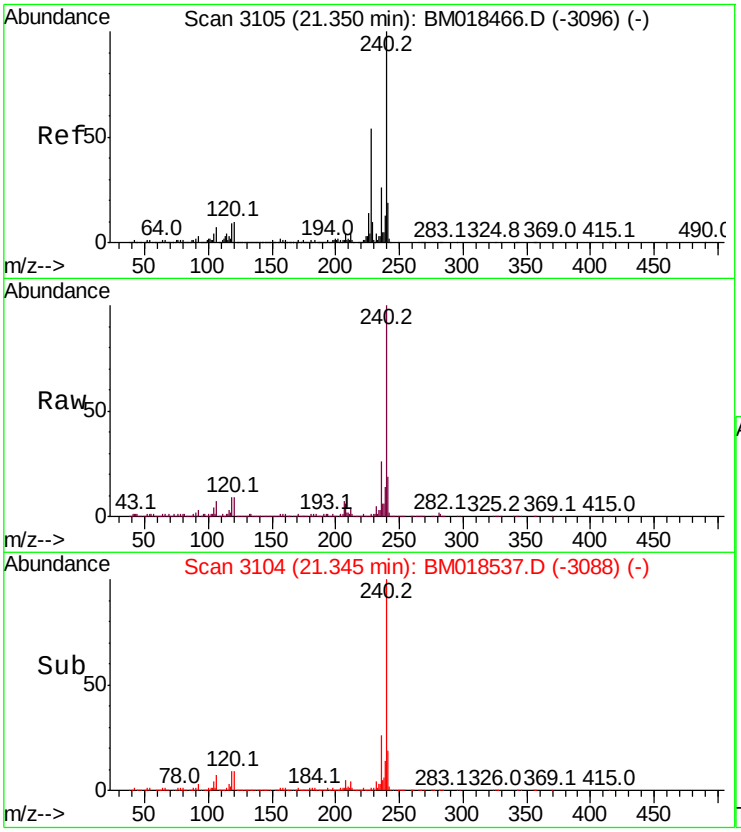


#65
4,6-Dinitro-2-methylphenol
Concen: 5.435 ng
RT: 15.56 min Scan# 2121
Delta R.T. 0.02 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:198 Resp: 278

Ion	Ratio	Lower	Upper
198	100		
51	443.8	29.6	69.6#
105	1778.1	25.5	65.5#



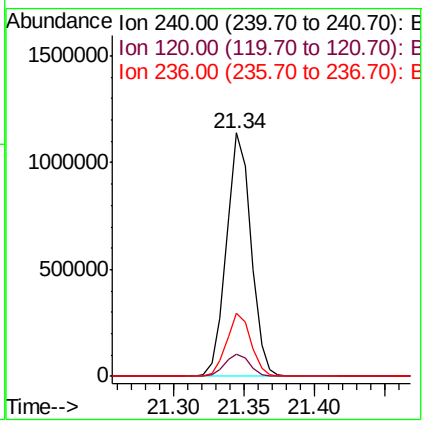


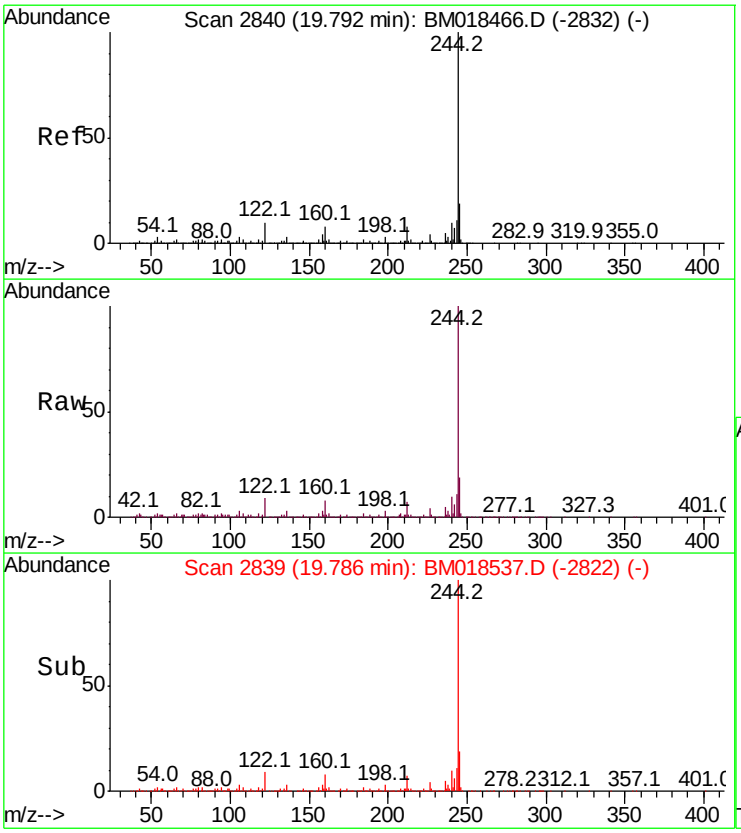
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1379537

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.0	20.7	31.1

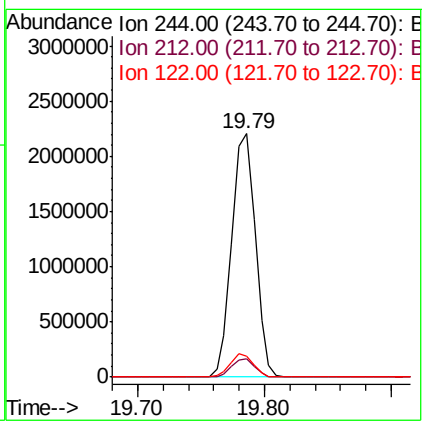


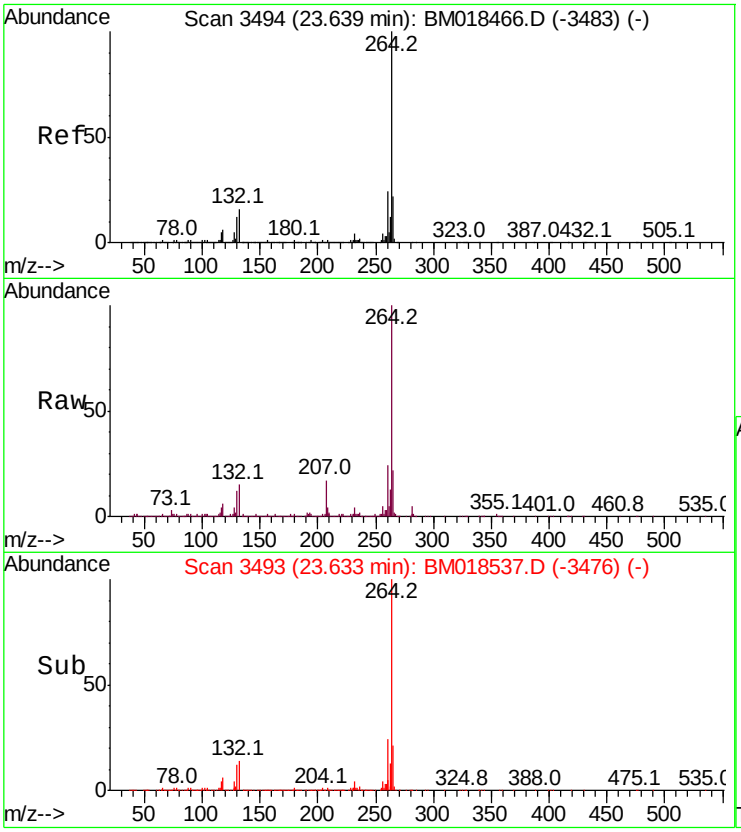


#79
Terphenyl-d14
Concen: 43.397 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:244 Resp: 2839960

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	8.6	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1895404

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.0	16.8	25.2