Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018545.D
Acq On : 11 Jan 2019 21:33
Operator : JU/SJ
Sample : K1123-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 11 23:43:02 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	338277	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1460961	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	895324	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	2170368	20.00	ng		0.00
76) Chrysene-d12	21.34	240	2728793	20.00	ng		0.00
87) Perylene-d12	23.63	264	3249792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	998780	54.52	ng		0.00
7) Phenol-d6	6.93	99	843068	36.23	ng		0.00
23) Nitrobenzene-d5	8.92	82	1730143	68.65	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1355904	118.94	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	4515255	65.81	ng		0.00
79) Terphenyl-d14	19.79	244	8245709	63.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.95	94	115933	4.903	ng		96
32) Benzoic acid	9.85	122	2010	6.646	ng	#	71
50) Dimethylphthalate	13.86	163	317575	4.319	ng		99
52) Acenaphthene	14.47	154	1221601	22.599	ng		96
54) 2,4-Dinitrophenol	14.52	184	115	7.214	ng	#	1
55) Dibenzofuran	14.80	168	497915	5.575	ng		98
58) Fluorene	15.45	166	277789	4.175	ng	#	99
65) 4,6-Dinitro-2-methylphenol	15.54	198	197	5.406	ng	#	1

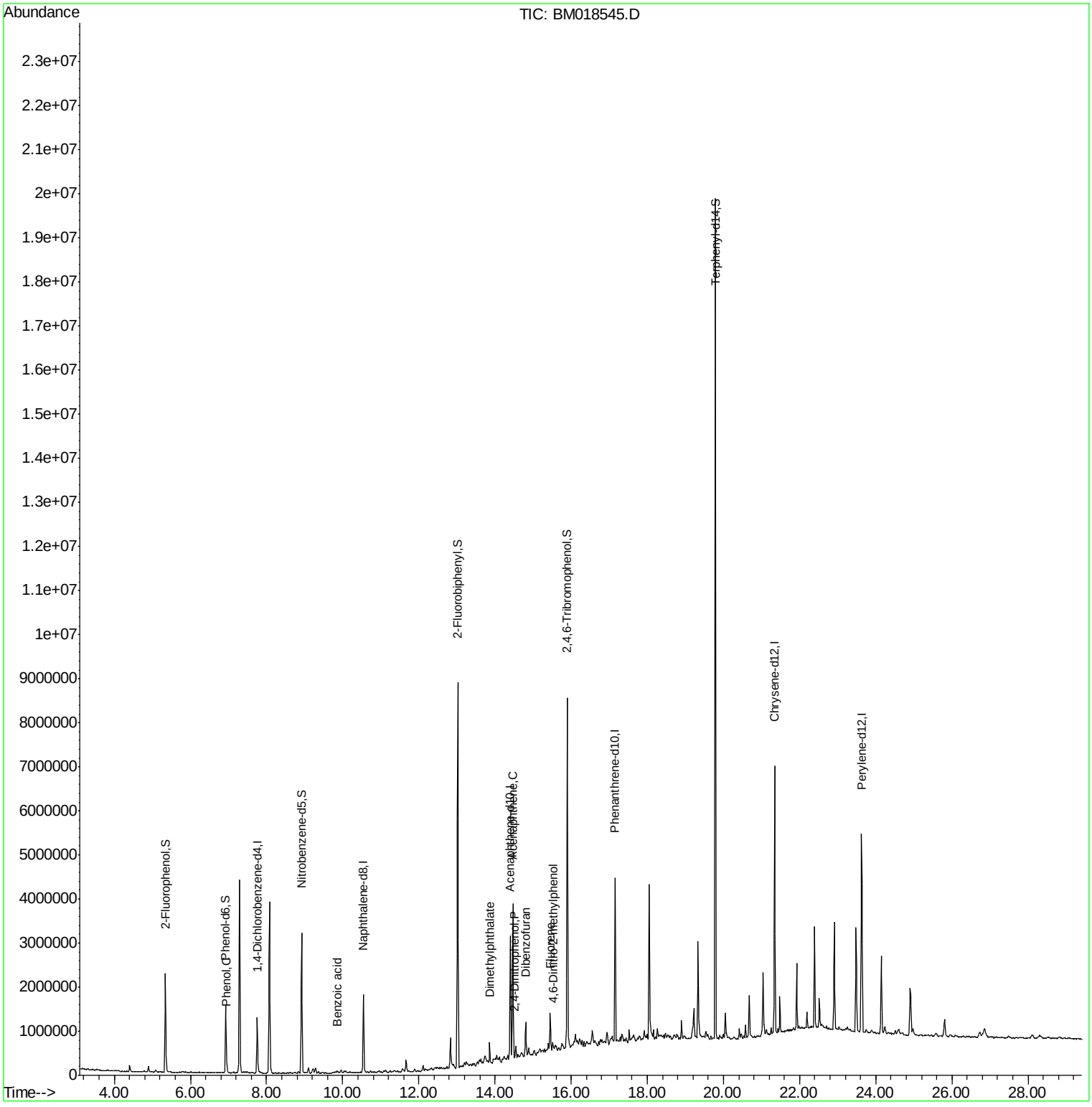
(#) = qualifier out of range (m) = manual integration (+) = signals summed

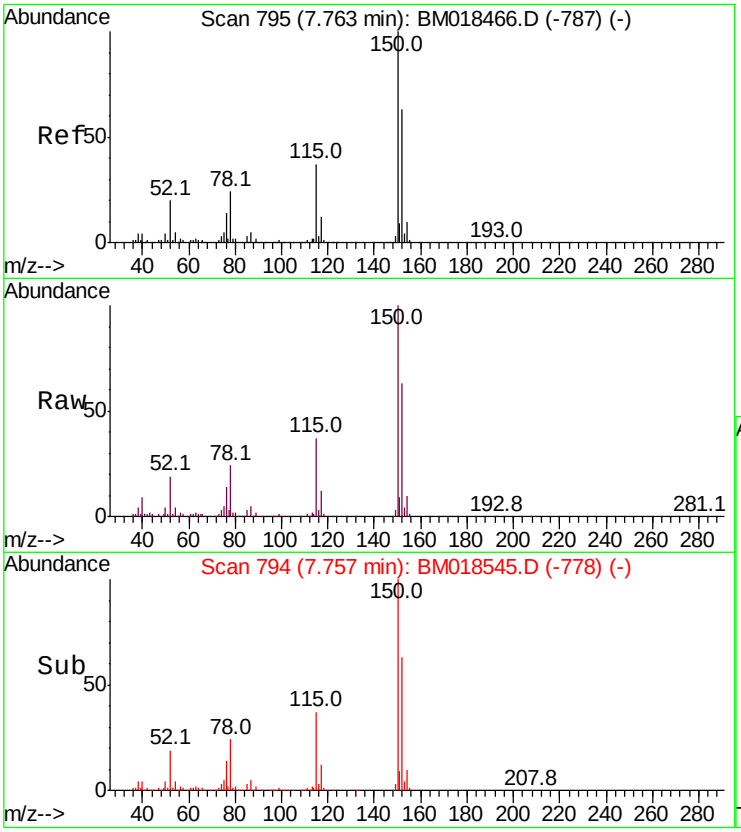
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018545.D
Acq On : 11 Jan 2019 21:33
Operator : JU/SJ
Sample : K1123-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 11 23:43:02 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



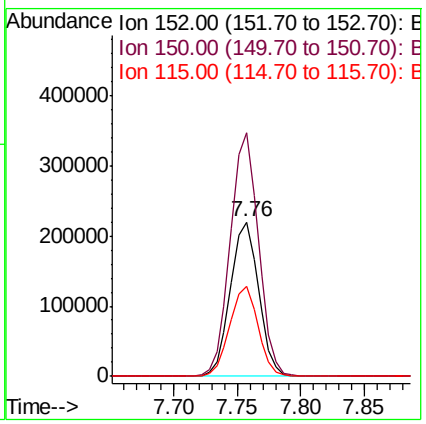


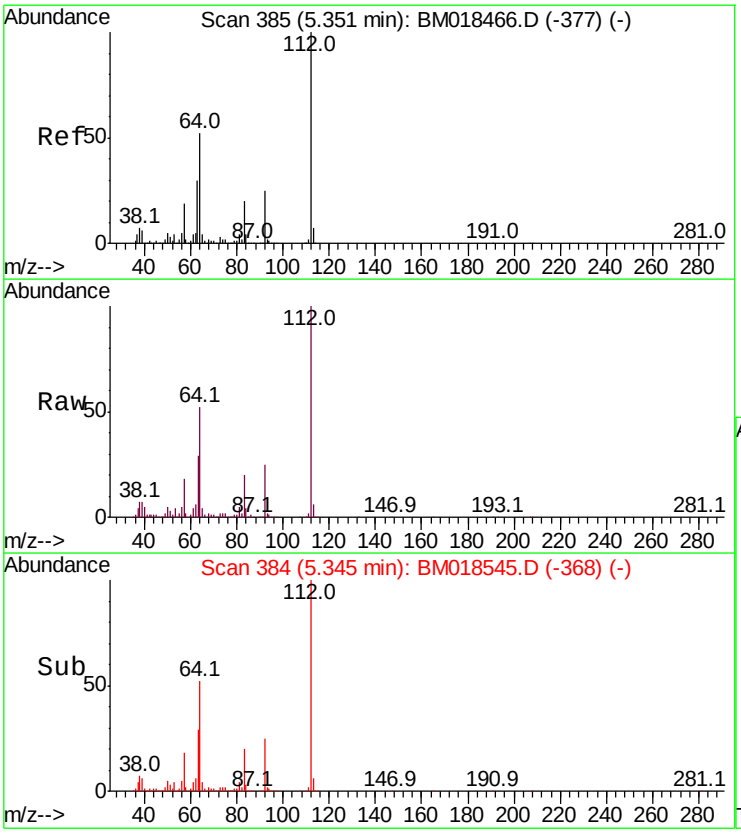
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 338277

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.9	190.3
115	57.9	45.5	68.3

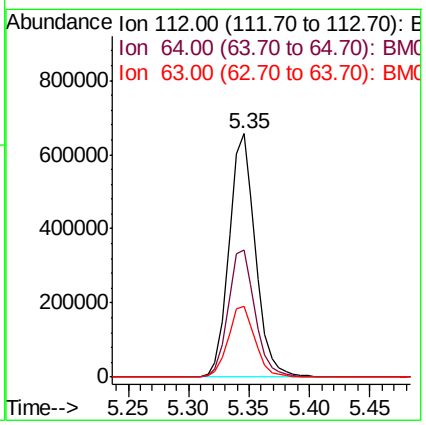


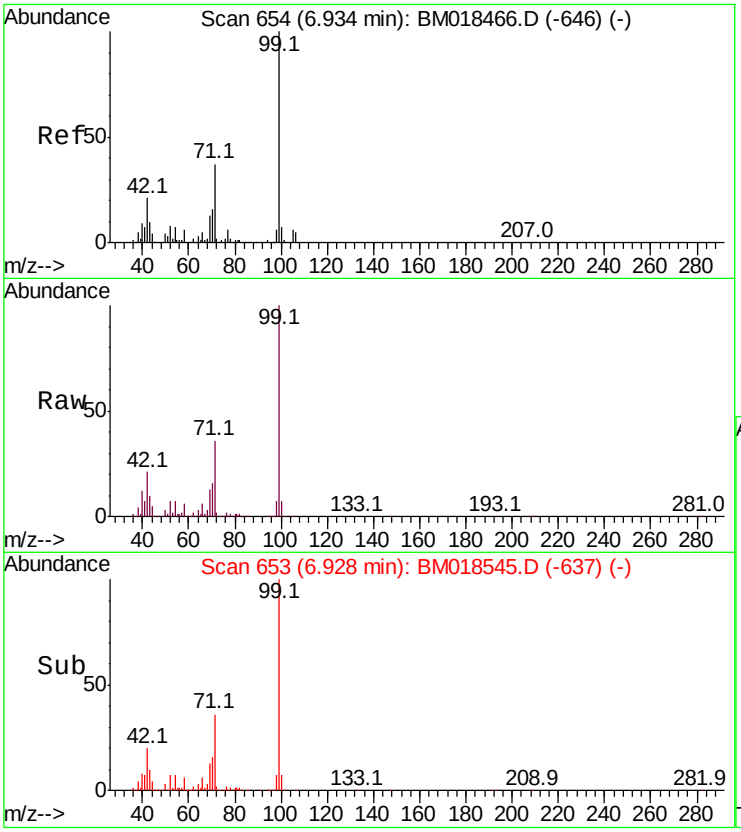


#5
2-Fluorophenol
Concen: 54.519 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:112 Resp: 998780

Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.5	69.7
63	29.0	25.2	37.8



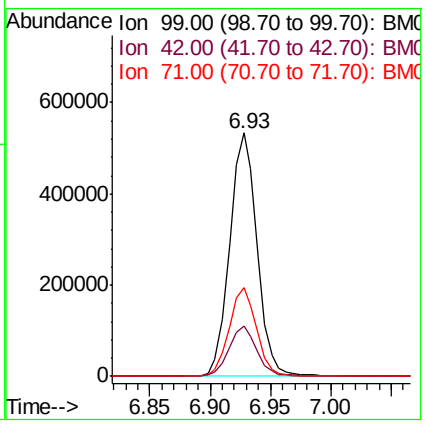


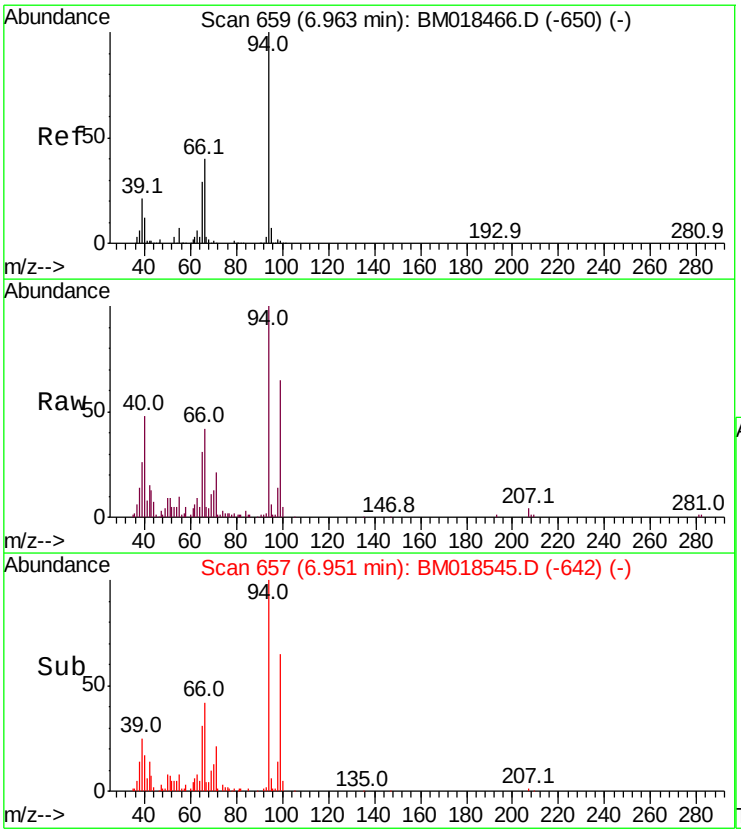
#7
Phenol-d6
Concen: 36.232 ng
RT: 6.93 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 843068

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.3	25.9
71	36.3	28.0	42.0

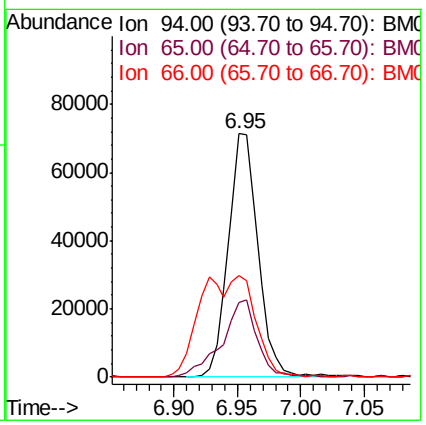


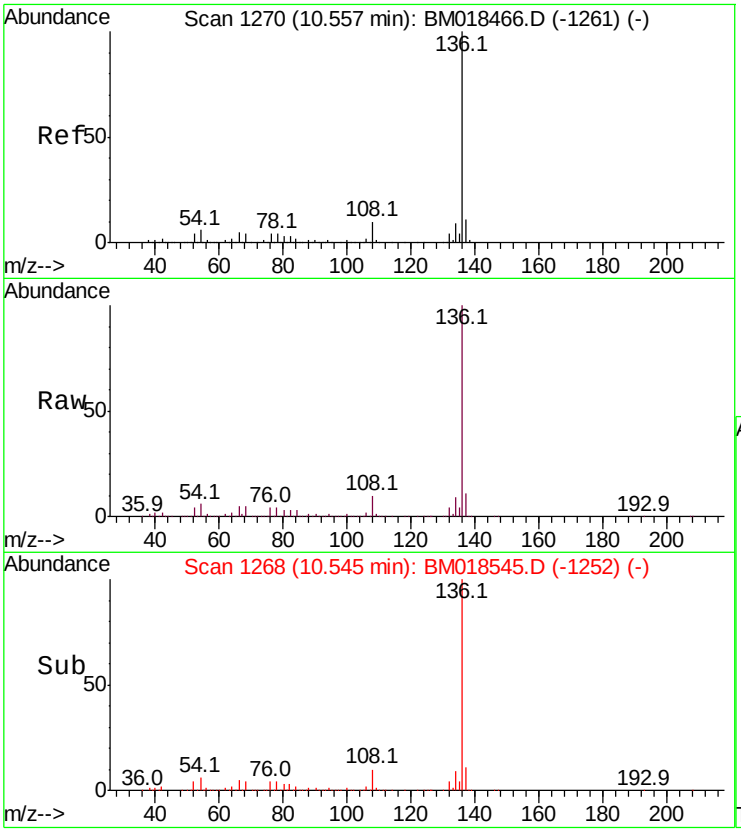


#10
Phenol
Concen: 4.903 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion: 94 Resp: 115933

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.4	49.4
66	41.9	19.1	59.1



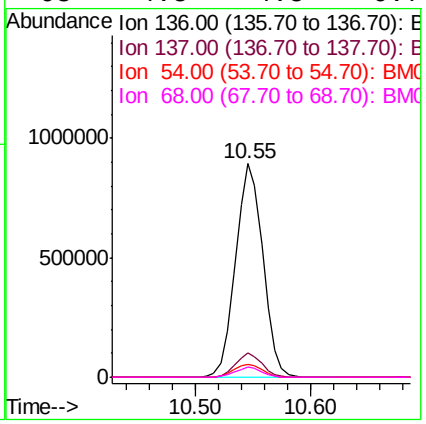


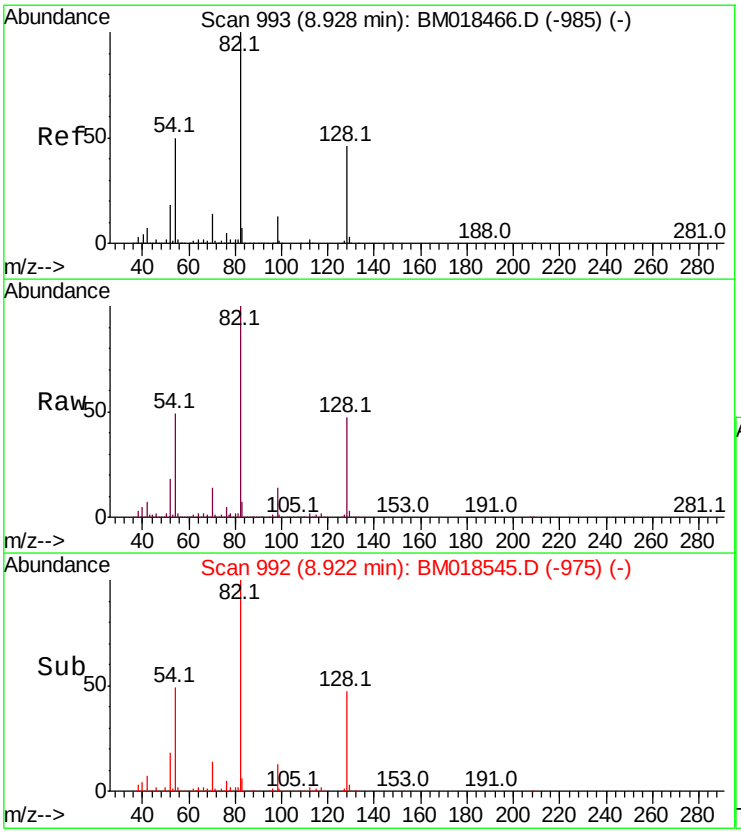
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 1460961

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.2	6.0	9.0
68	4.5	4.5	6.7

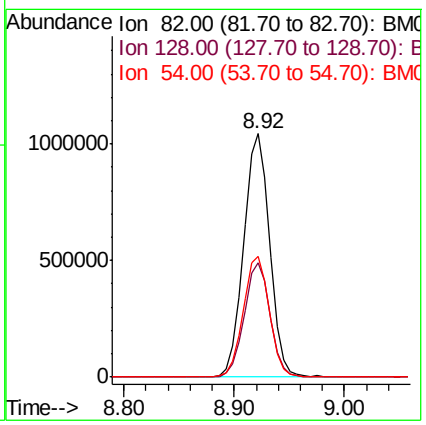


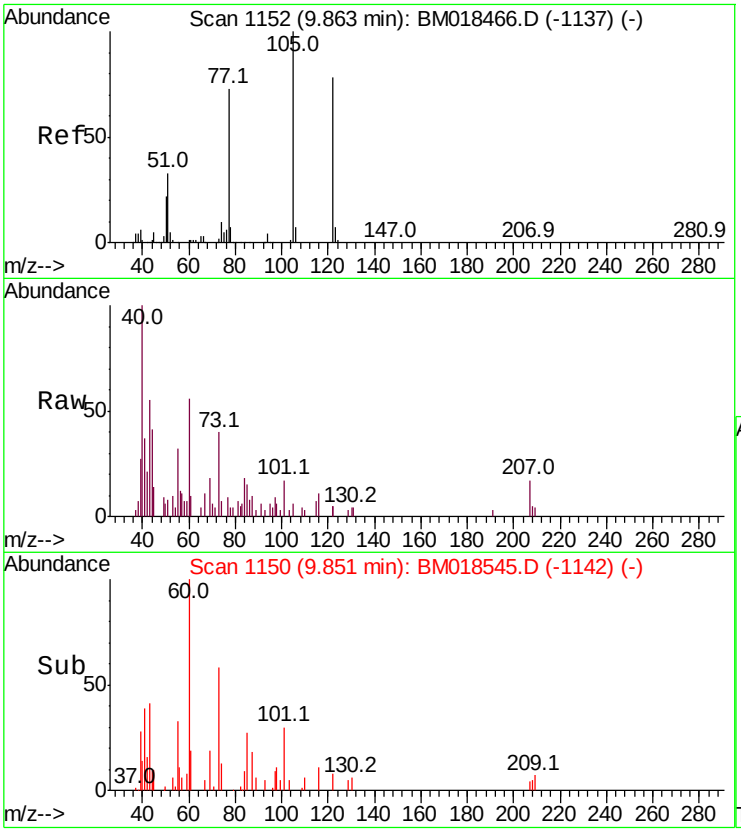


#23
Nitrobenzene-d5
Concen: 68.652 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion: 82 Resp: 1730143

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	49.5	41.7	62.5



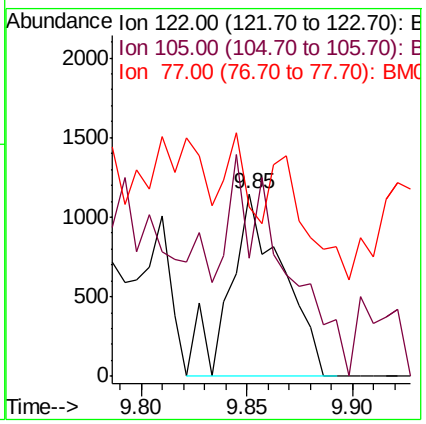


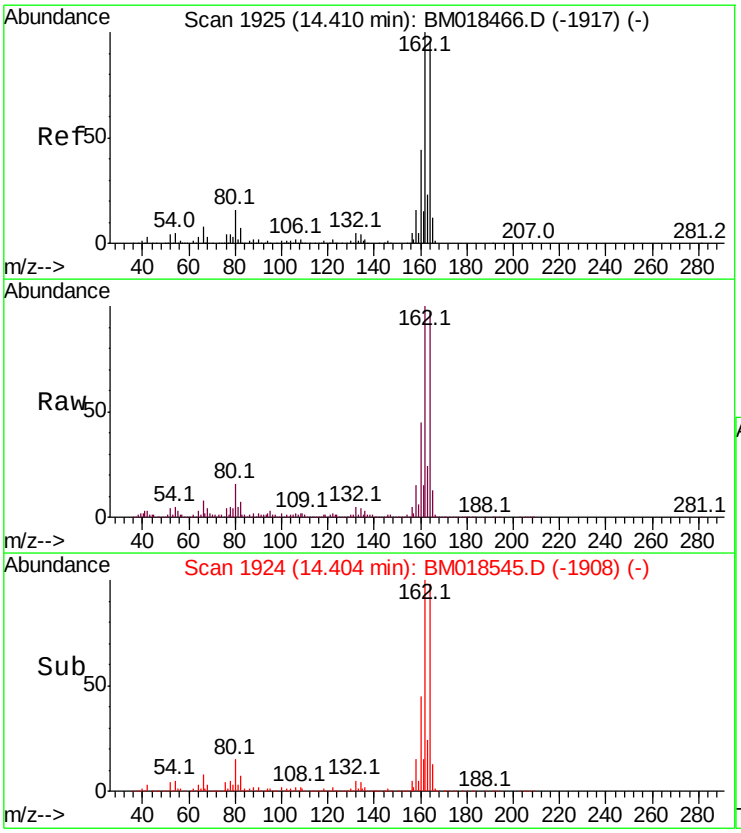
#32
Benzoic acid
Concen: 6.646 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 2010

Ion	Ratio	Lower	Upper
122	100		
105	64.8	100.4	140.4#
77	92.8	71.7	111.7

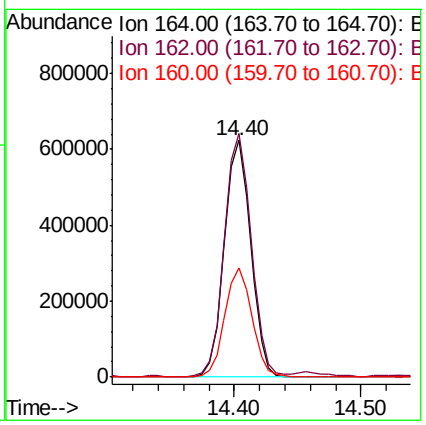


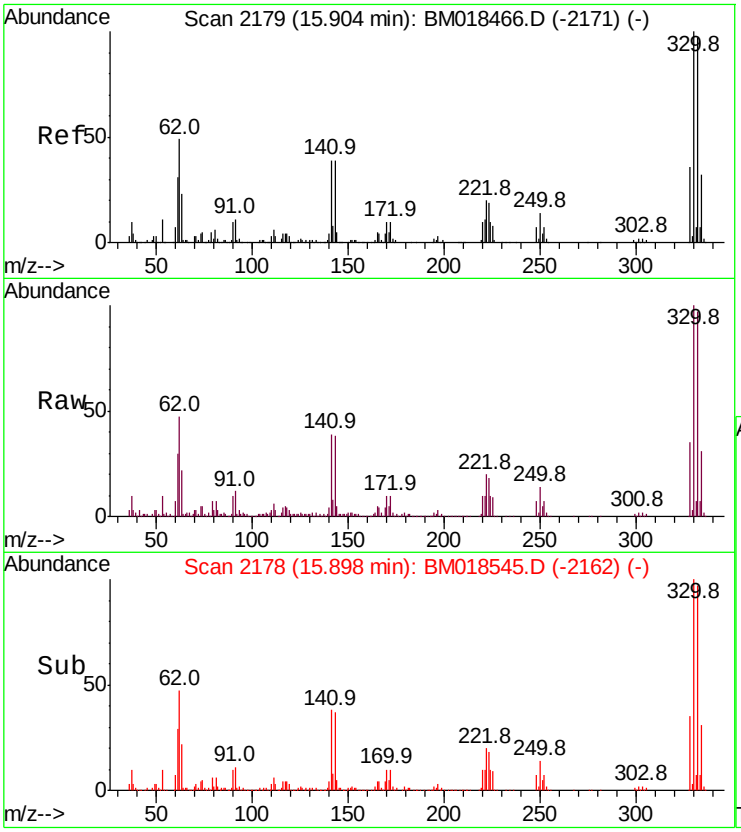


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:164 Resp: 895324

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	46.3	37.1	55.7



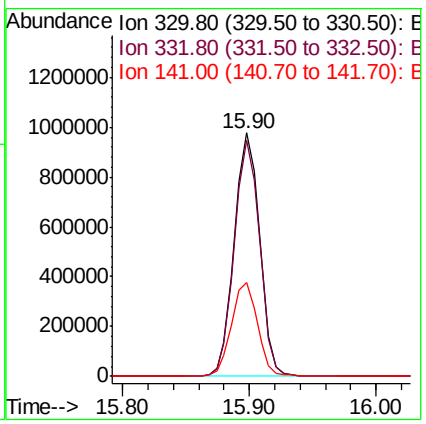


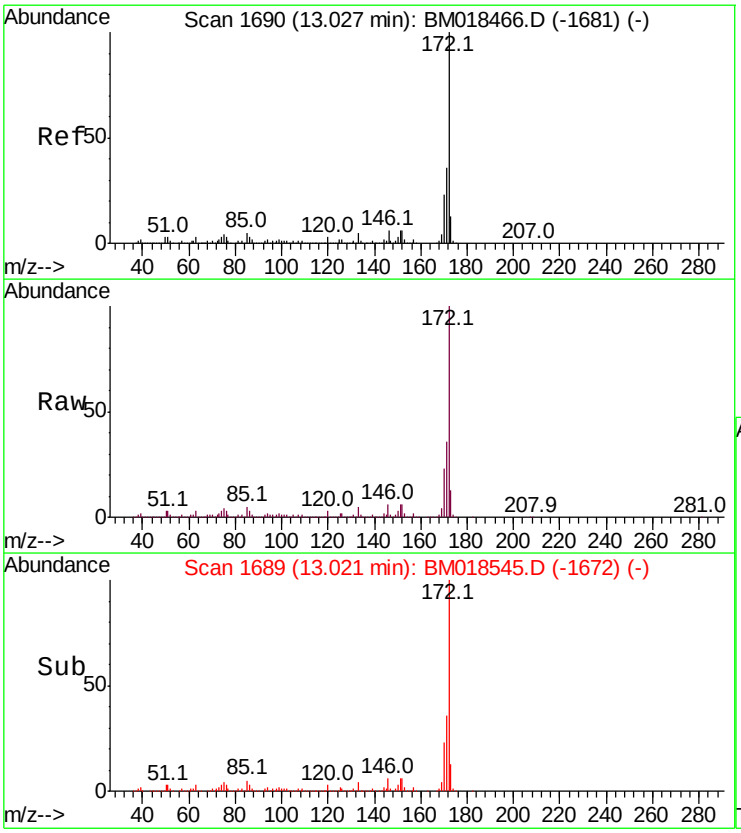
#42
2,4,6-Tribromophenol
Concen: 118.939 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1355904

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	39.0	31.7	47.5

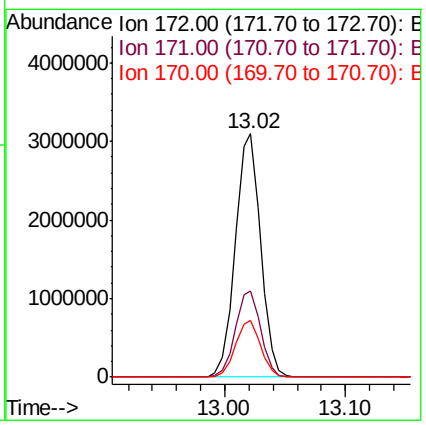


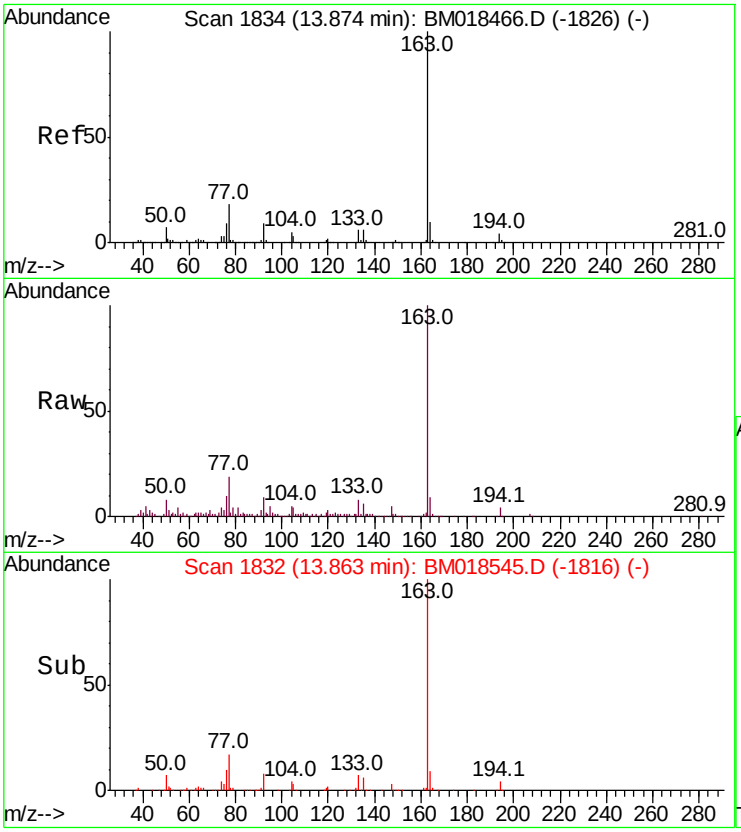


#45
2-Fluorobiphenyl
Concen: 65.806 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:172 Resp: 4515255

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.1	18.9	28.3



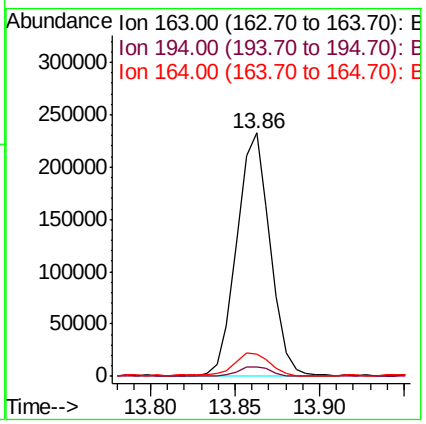


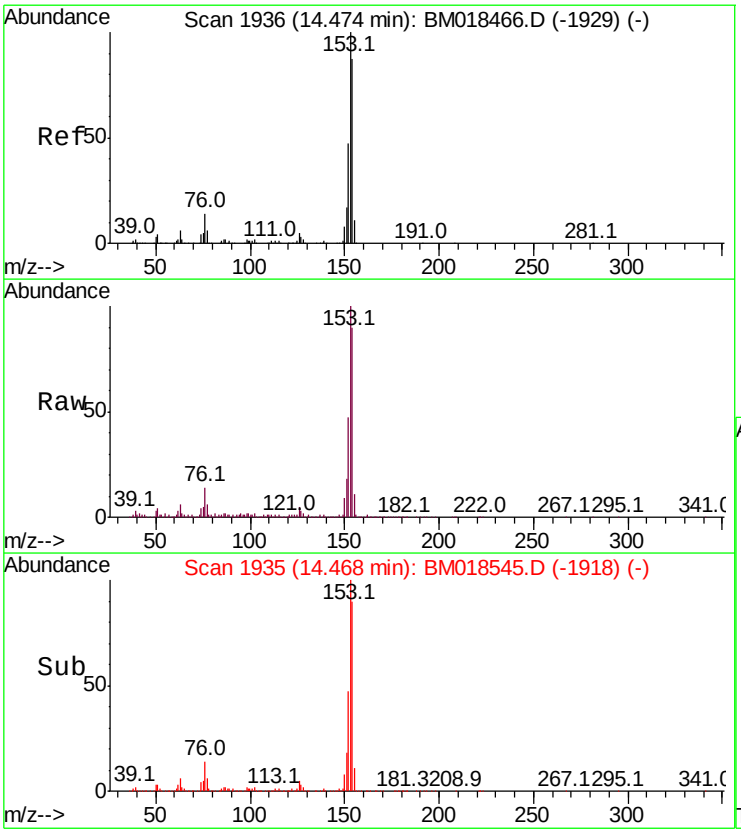
#50
Dimethylphthalate
Concen: 4.319 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 317575

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.3	7.8	11.8

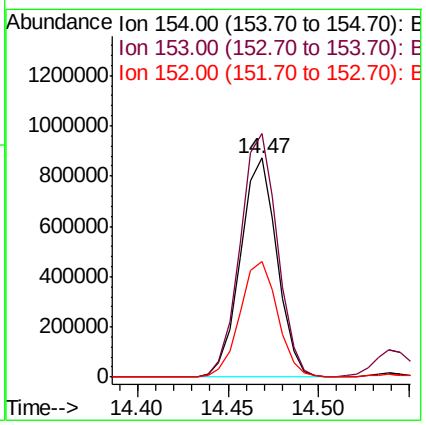


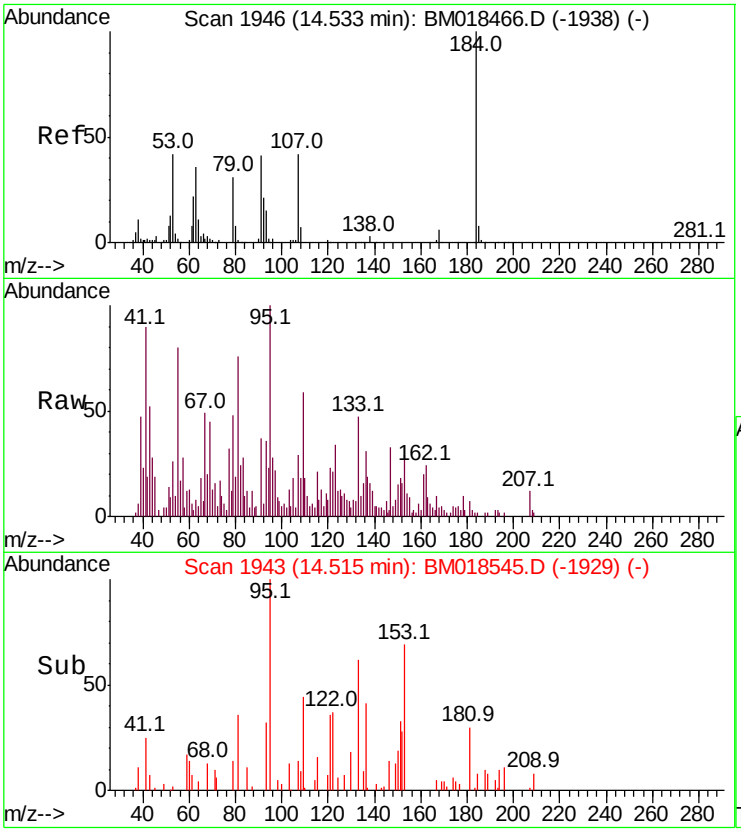


#52
Acenaphthene
Concen: 22.599 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:154 Resp: 1221601

Ion	Ratio	Lower	Upper
154	100		
153	111.2	92.3	138.5
152	52.6	43.8	65.6



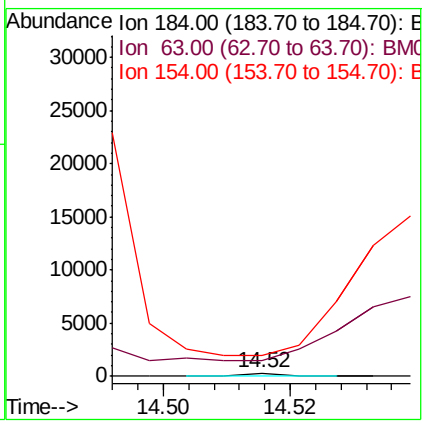


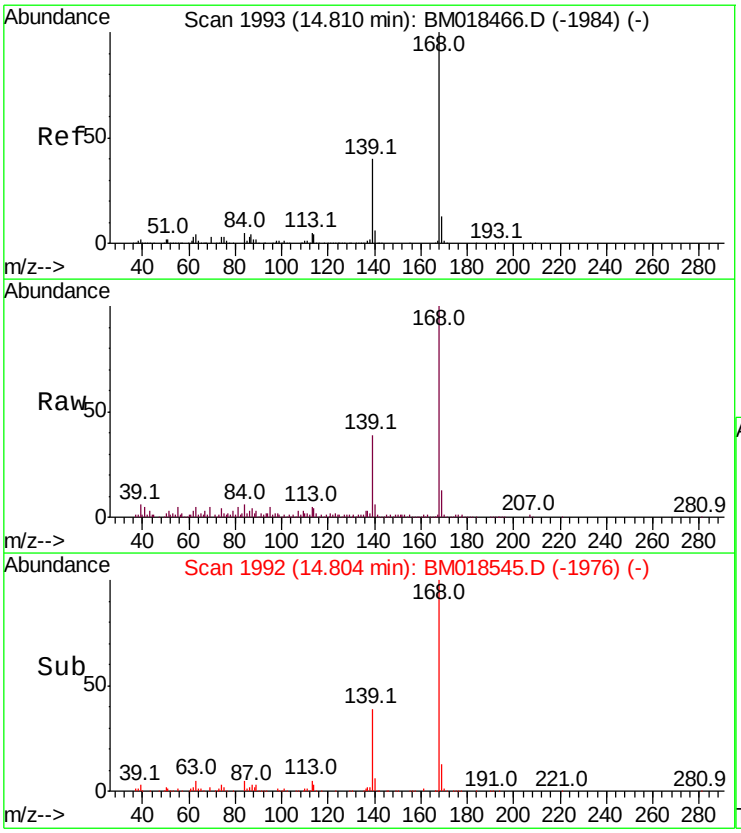
#54
2,4-Dinitrophenol
Concen: 7.214 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 115

Ion	Ratio	Lower	Upper
184	100		
63	461.2	55.9	83.9#
154	613.2	54.2	81.4#

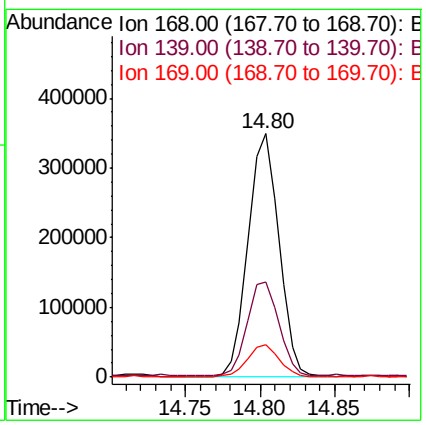


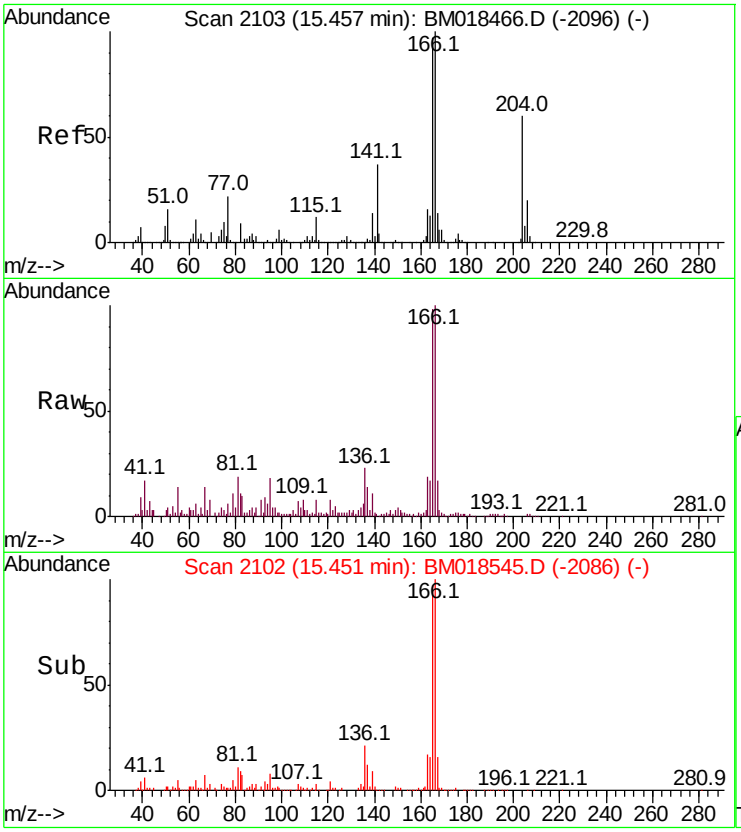


#55
Dibenzofuran
Concen: 5.575 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:168 Resp: 497915

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.3	45.5
169	13.3	10.6	16.0



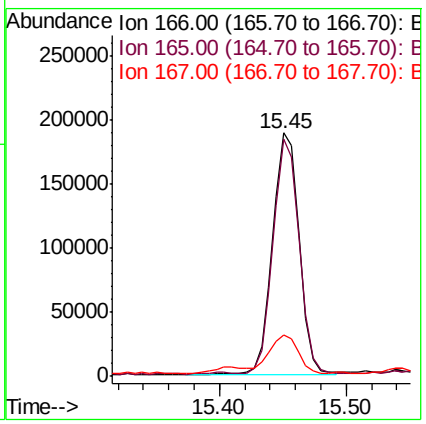


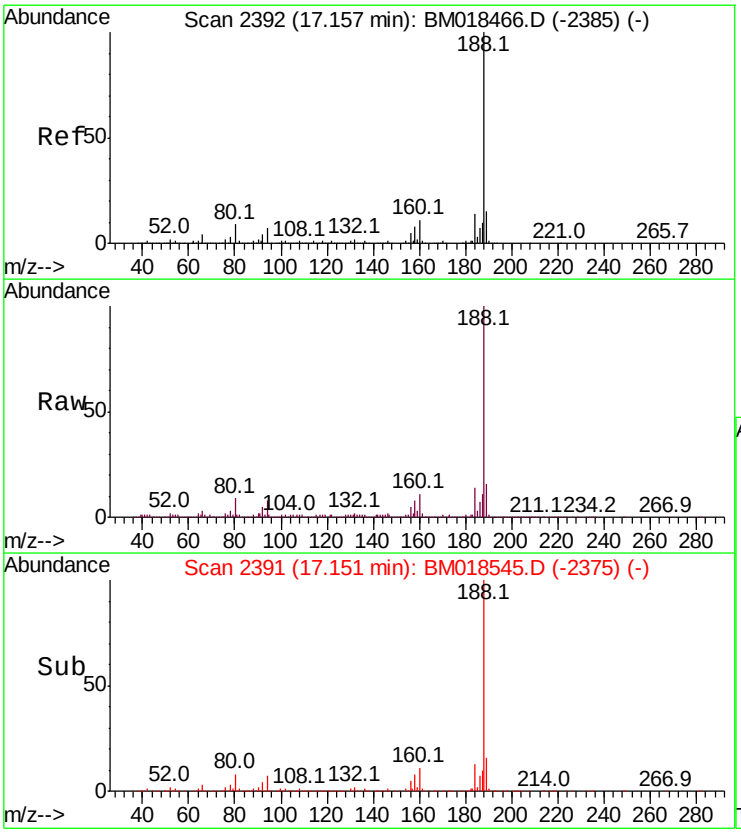
#58
Fluorene
Concen: 4.175 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 277789

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.3	117.5
167	16.9	10.9	16.3#

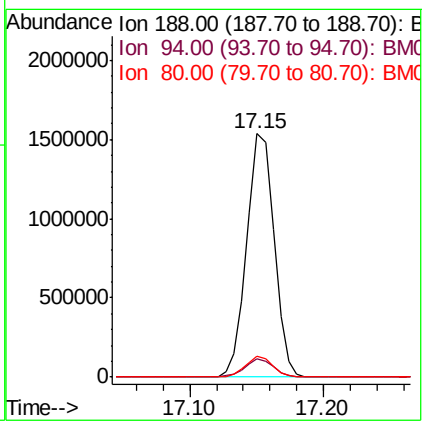


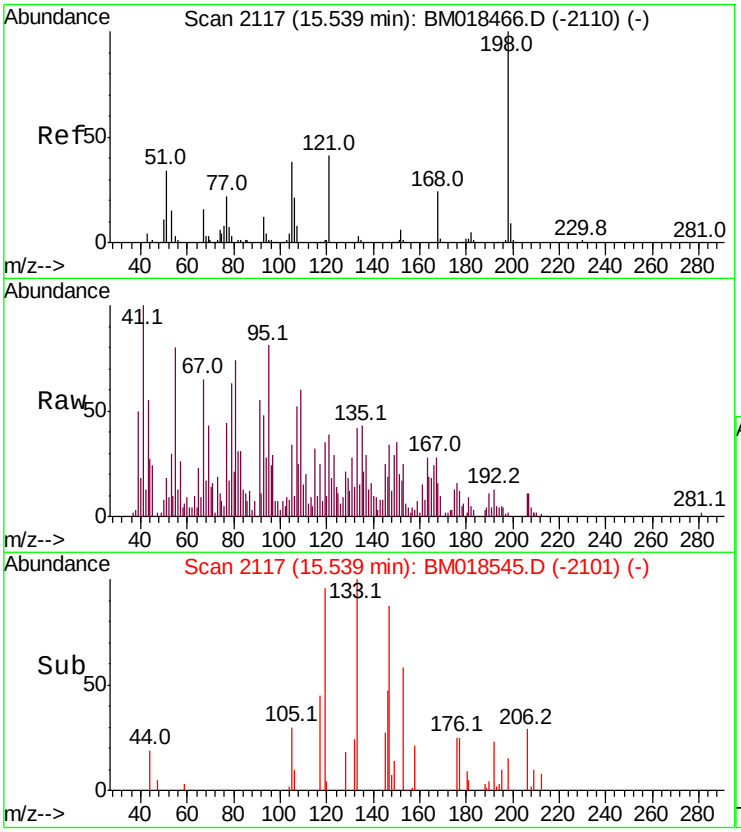


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:188 Resp: 2170368

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.6	7.6	11.4



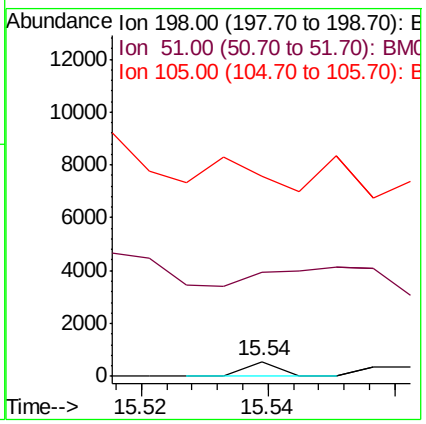


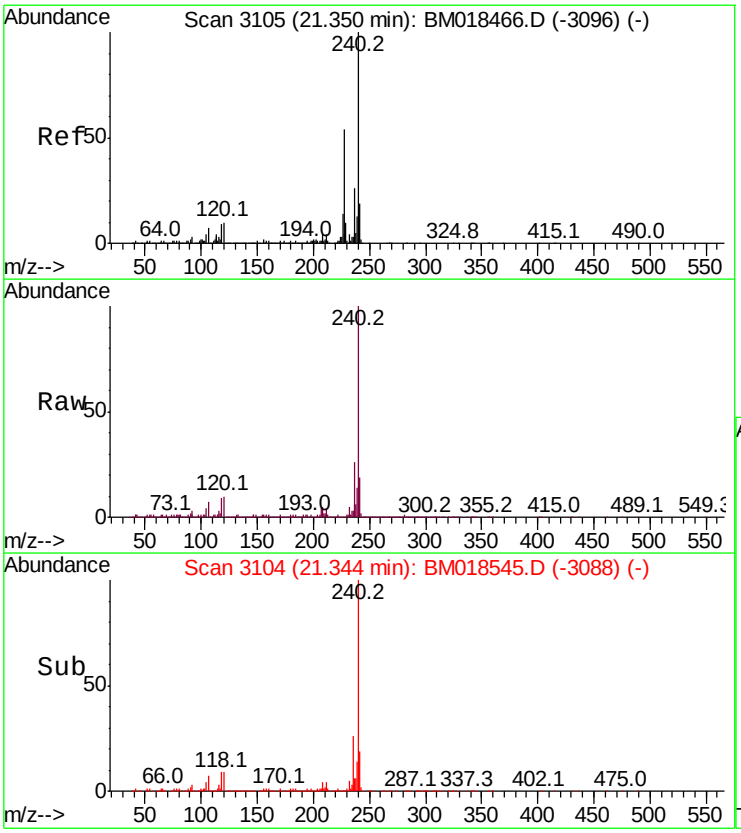
#65
4,6-Dinitro-2-methylphenol
Concen: 5.406 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 197

Ion	Ratio	Lower	Upper
198	100		
51	707.7	29.6	69.6#
105	1355.0	25.5	65.5#

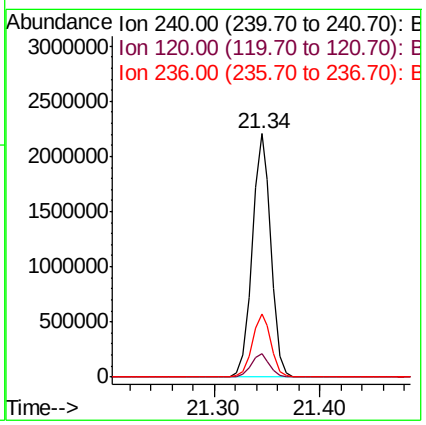


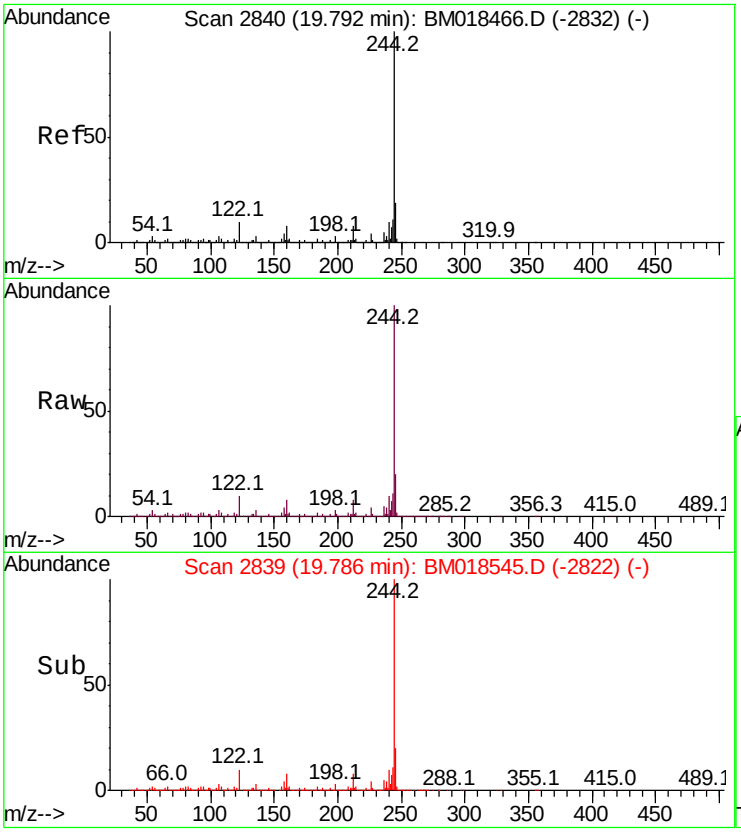


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:240 Resp: 2728793

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.8	20.7	31.1



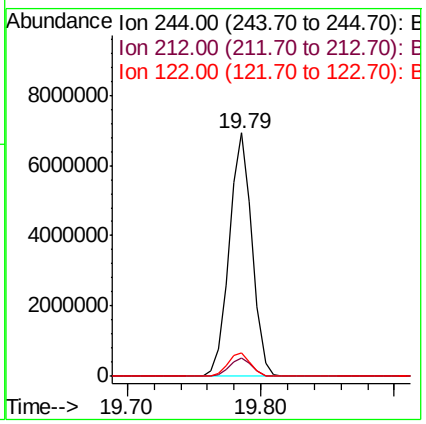


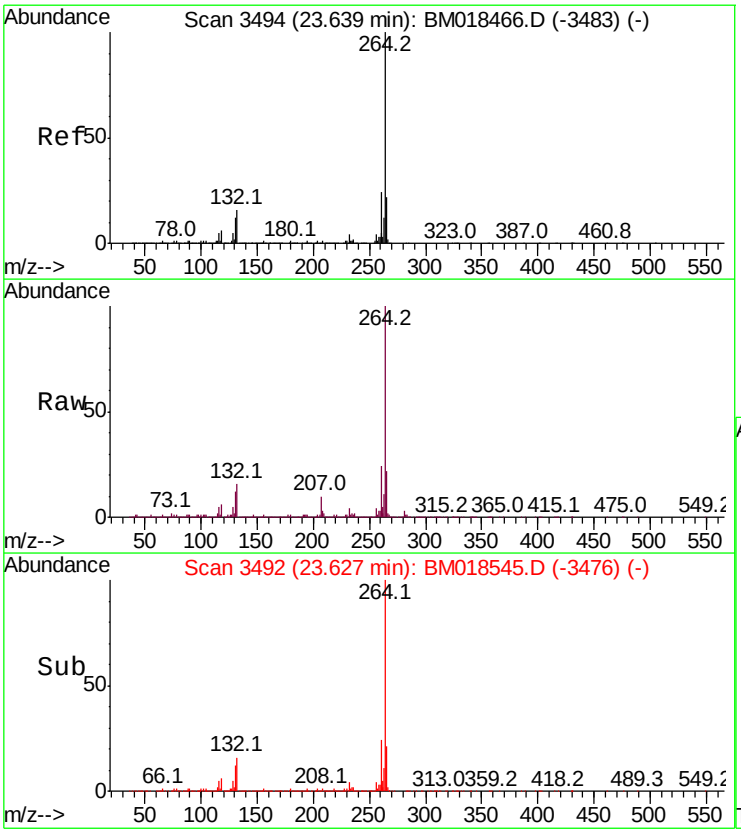
#79
Terphenyl-d14
Concen: 63.699 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 8245709

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:264 Resp: 3249792

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	16.8	25.2