

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

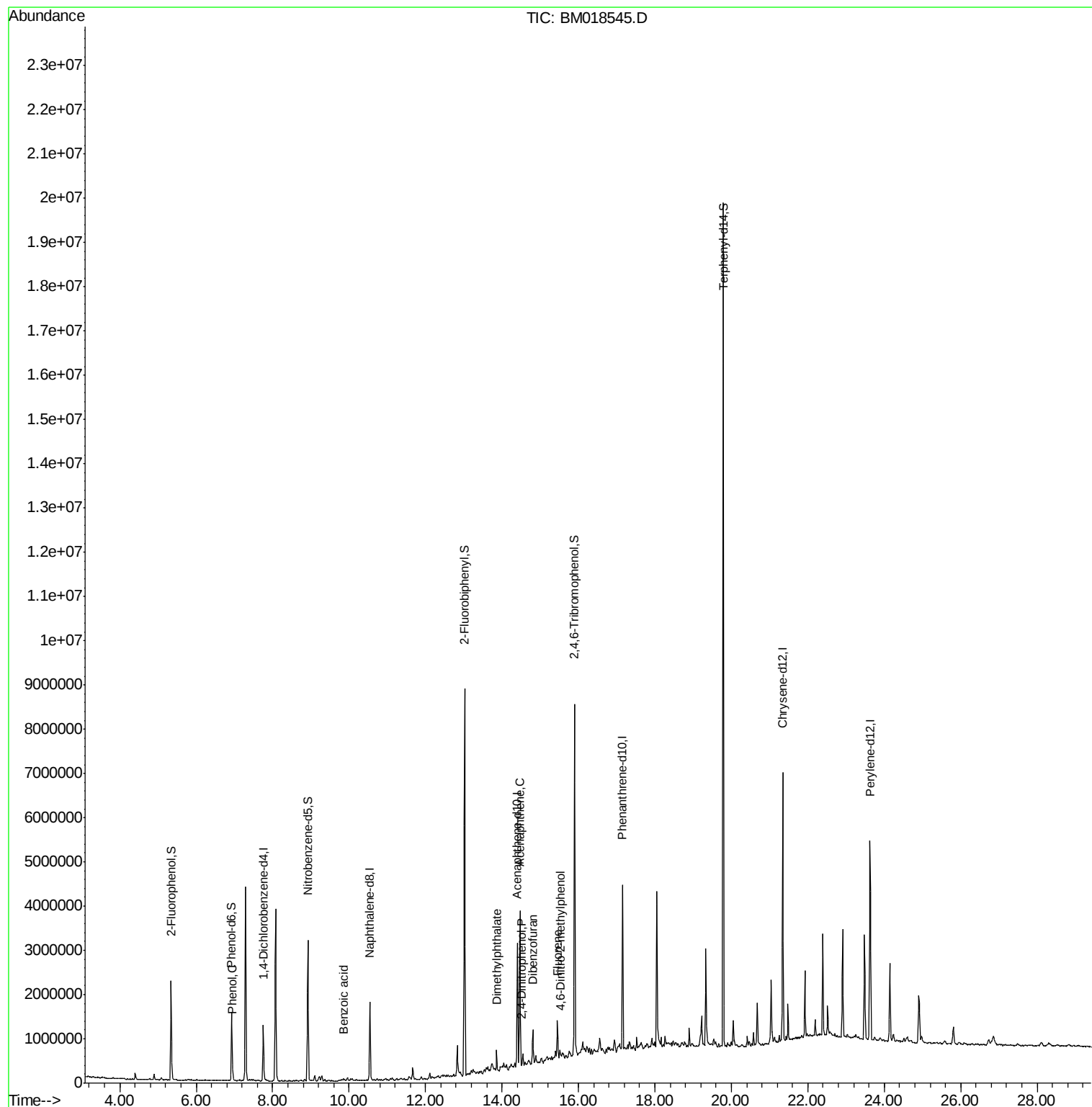
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.95	94	115933	4.903	ng	96
32) Benzoic acid	9.85	122	2010	6.646	ng	# 71
50) Dimethylphthalate	13.86	163	317575	4.319	ng	99
52) Acenaphthene	14.47	154	1221601	22.599	ng	96
54) 2,4-Dinitrophenol	14.52	184	115	7.214	ng	# 1
55) Dibenzofuran	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

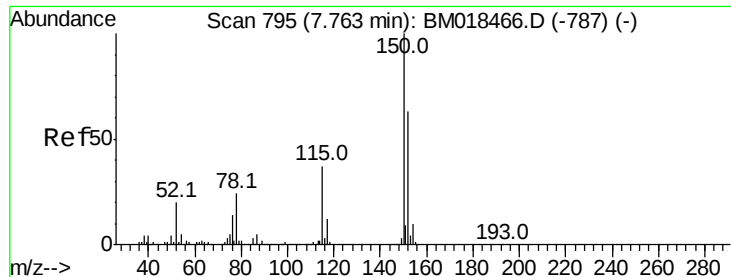
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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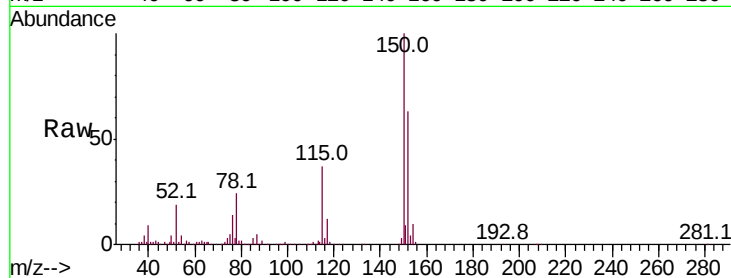


#1

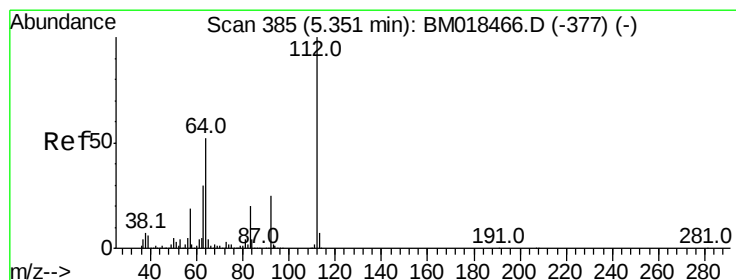
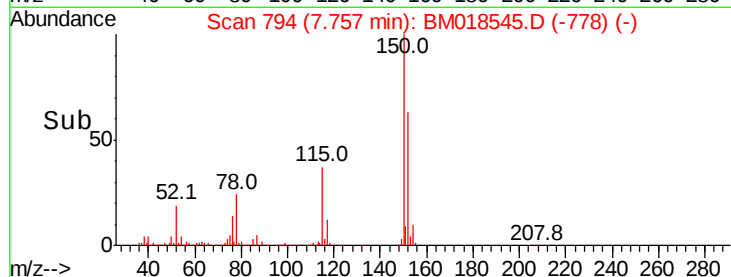
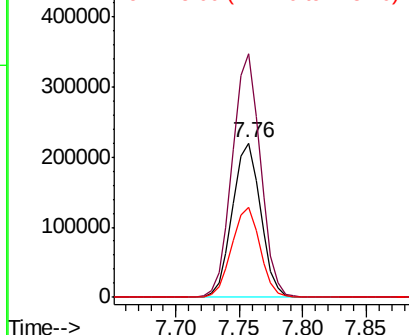
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

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



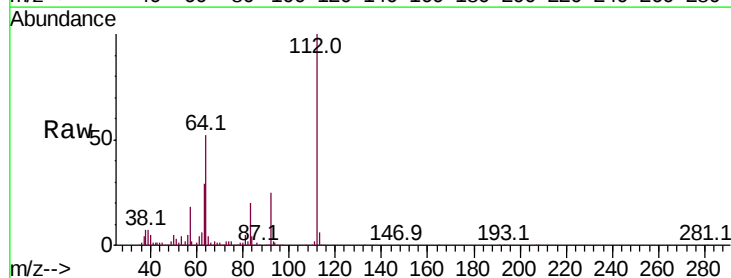
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



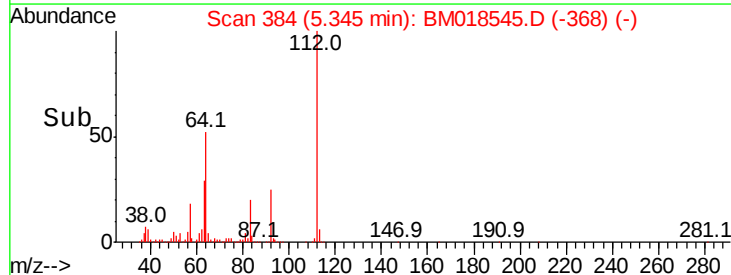
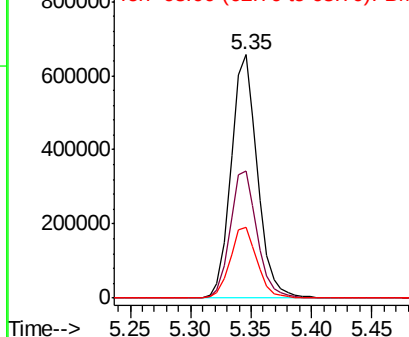
#5

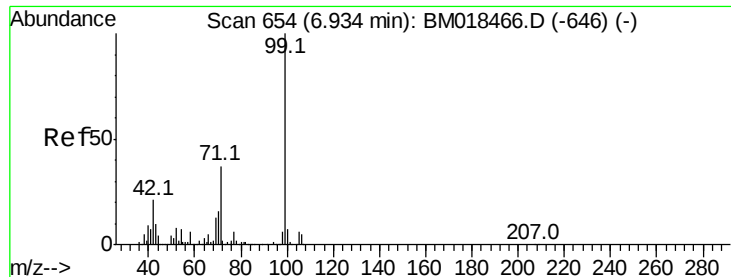
2-Fluorophenol
Concen: 54.519 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

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



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#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 :

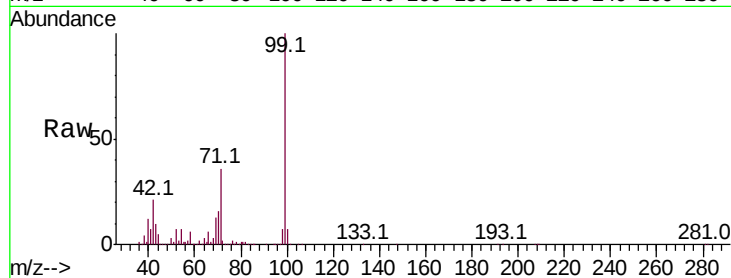
Tot Ion: 99 Resp: 843068

Ion Ratio Lower Upper

99 100

42 20.6 17.3 25.9

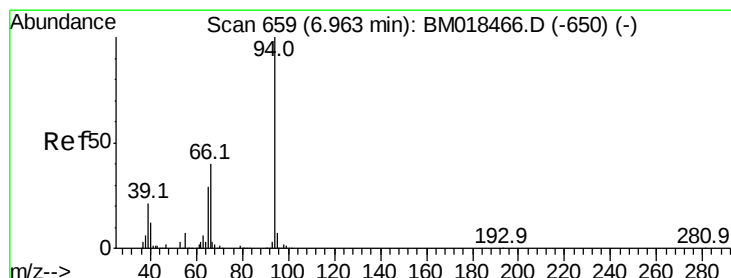
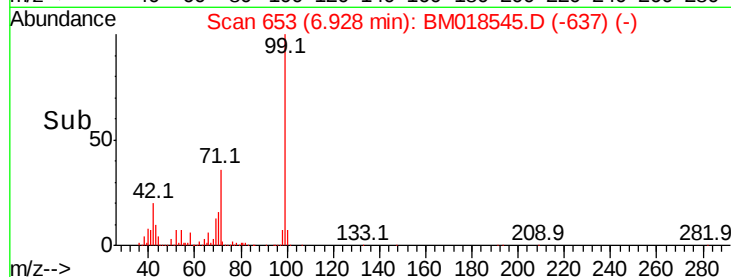
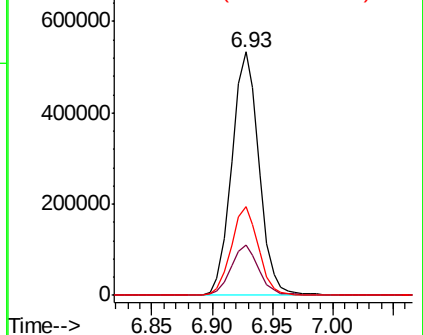
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#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

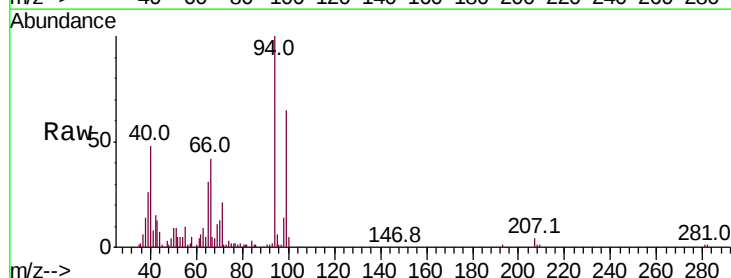
Tgt Ion: 94 Resp: 115933

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

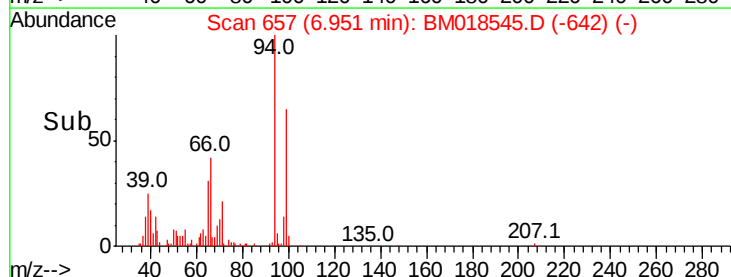
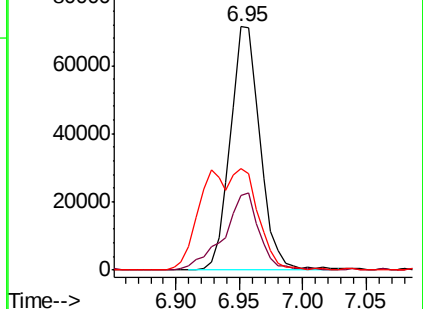
66 41.9 19.1 59.1

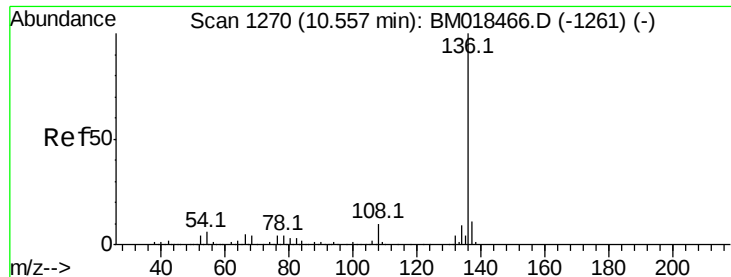


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

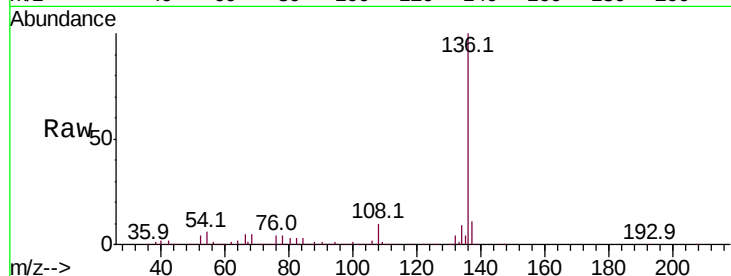




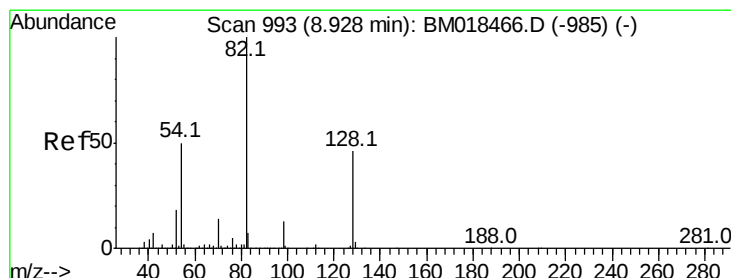
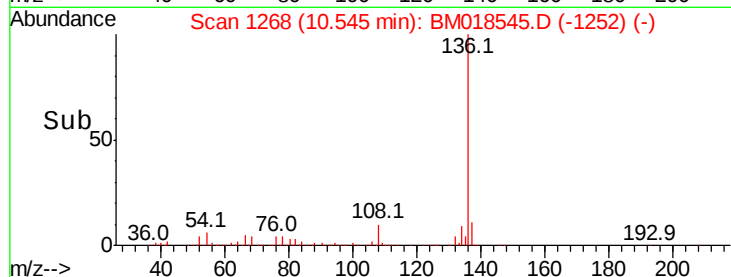
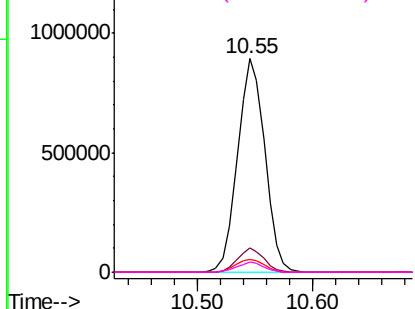
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tot 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

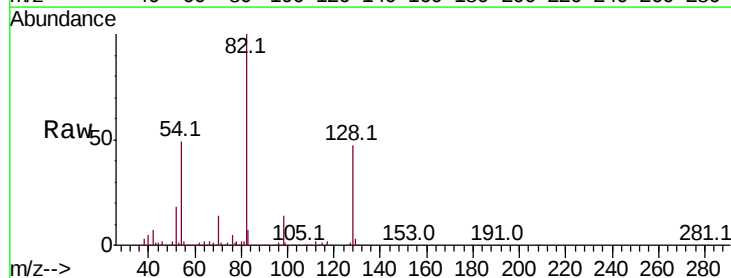


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

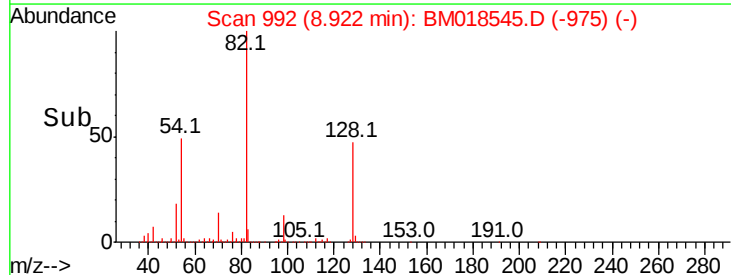
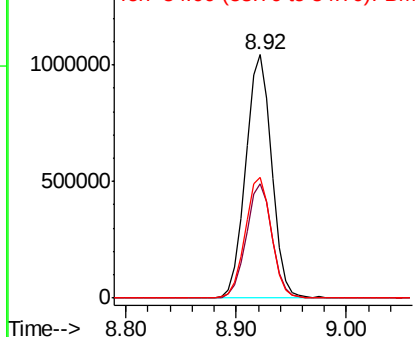


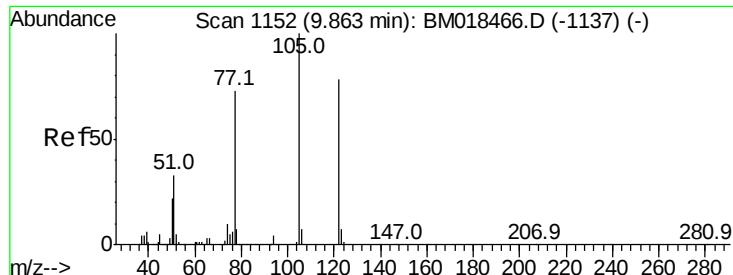
#23
Nitrobenzene-d5
Concen: 68.652 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

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



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

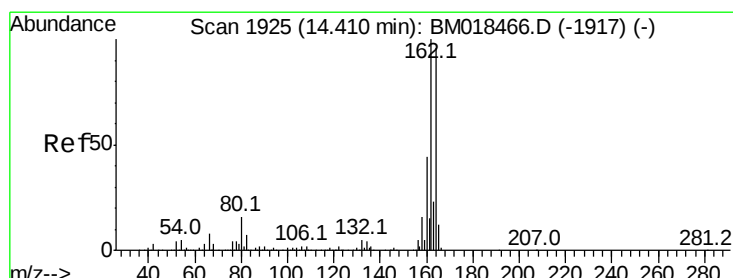
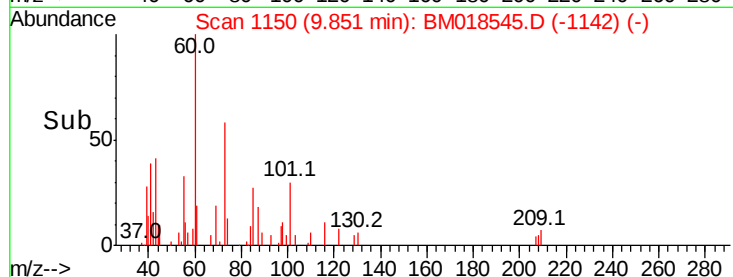
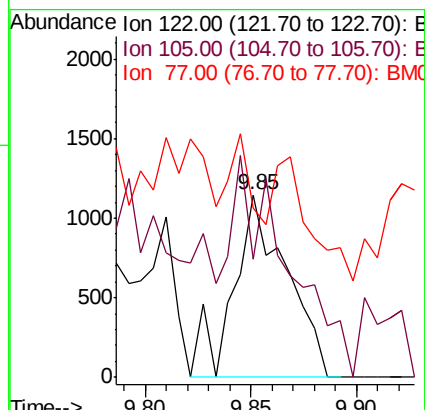
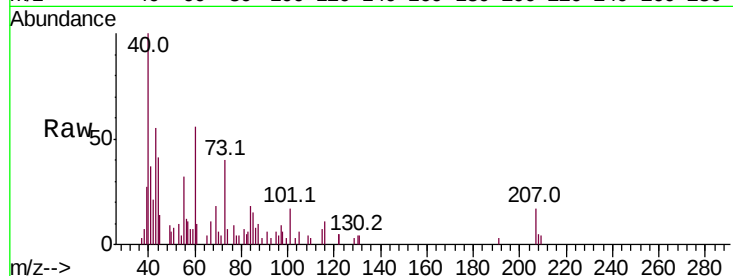




#32
Benzoic acid
Concen: 6.646 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

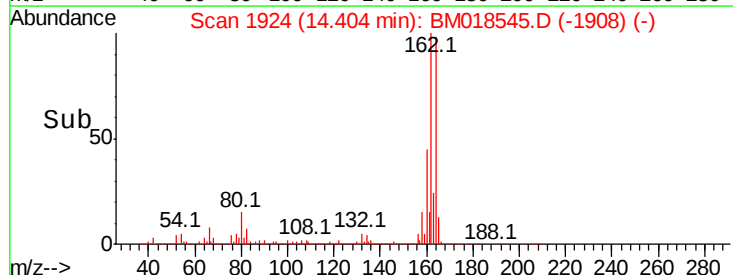
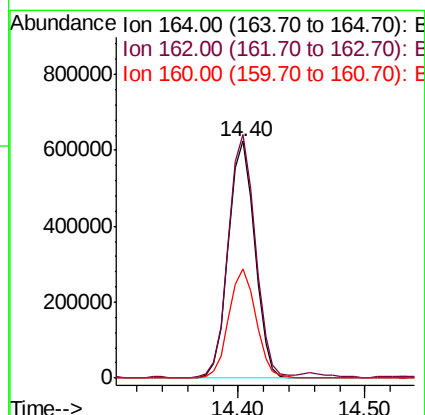
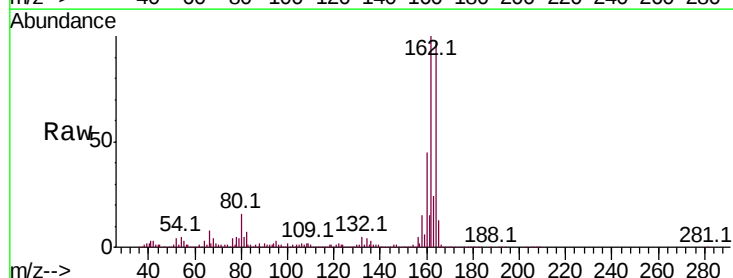
Instrument :
BNA_M
ClientSampleId :

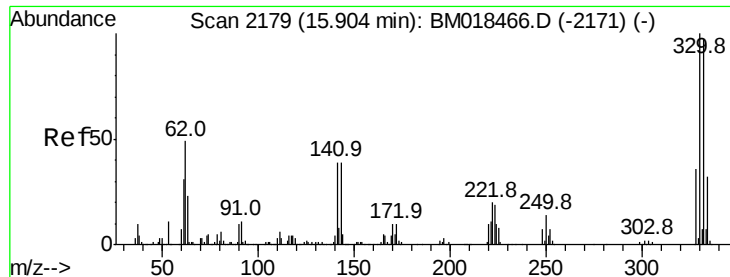
Tot Ion	Ratio	Lower	Upper
122	100		
105	64.8	100.4	140.4#
77	92.8	71.7	111.7



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

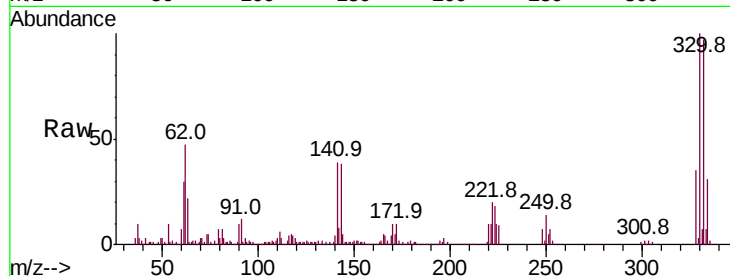




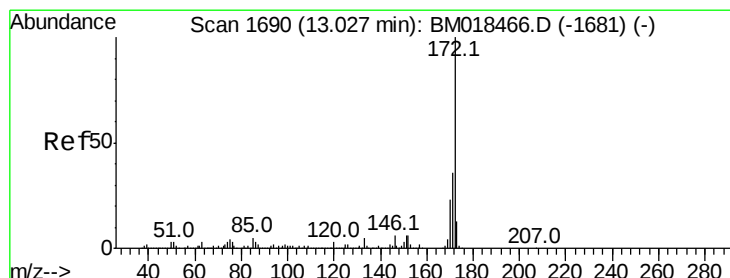
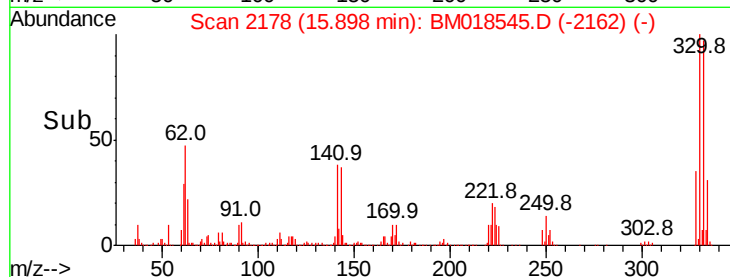
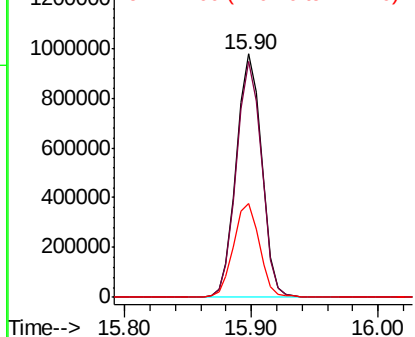
#42
 2,4,6-Tribromophenol
 Concen: 118.939 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1355904
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 39.0 31.7 47.5

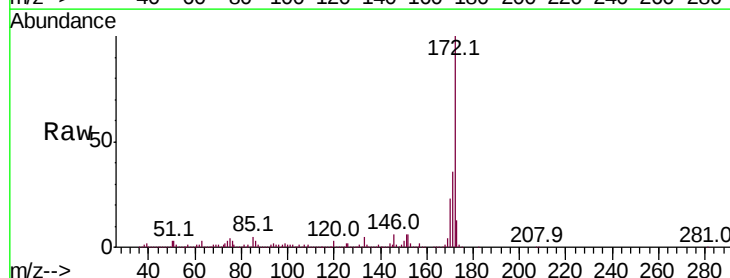


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

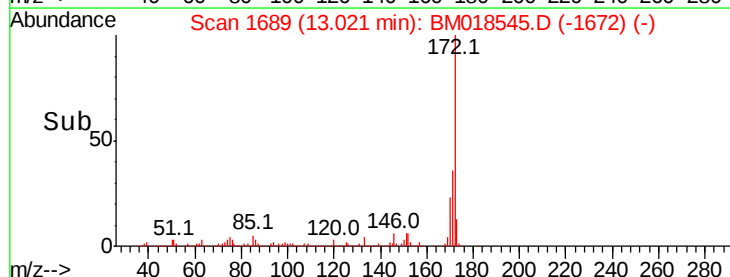
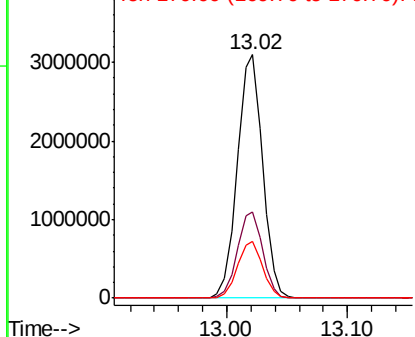


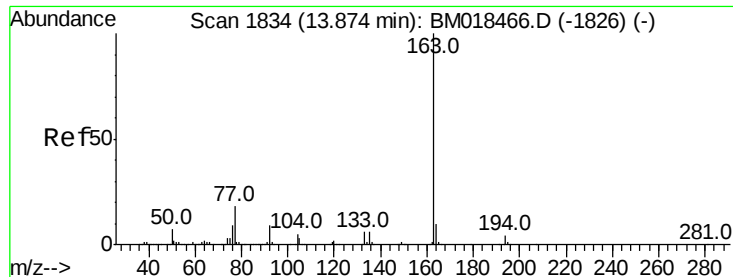
#45
 2-Fluorobiphenyl
 Concen: 65.806 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

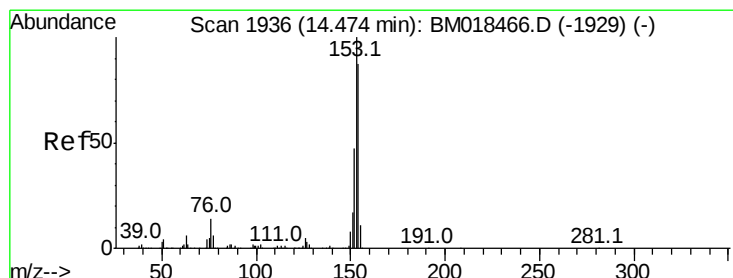
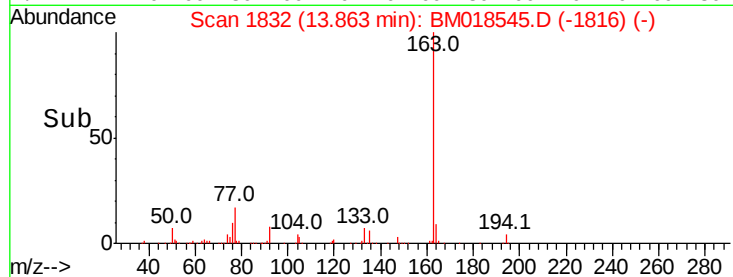
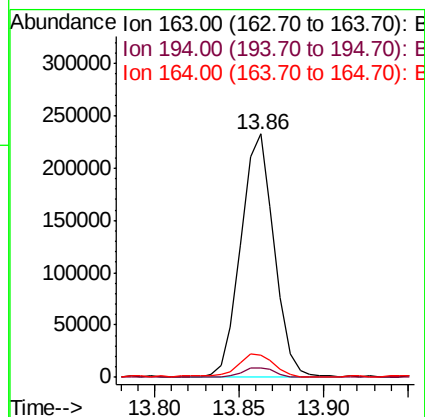
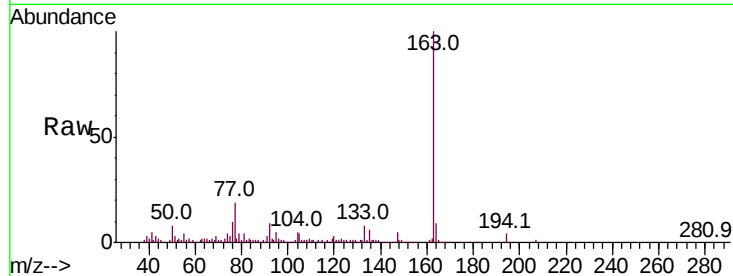




#50
Dimethylphthalate
Concen: 4.319 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

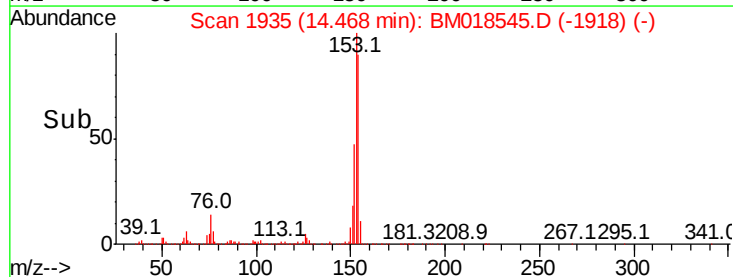
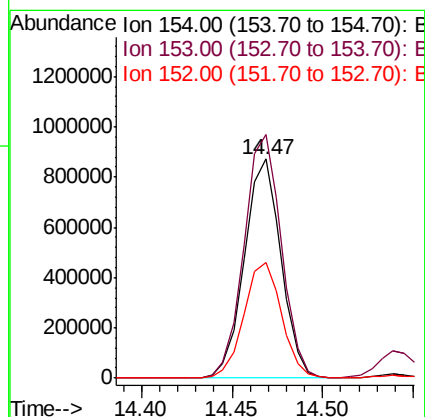
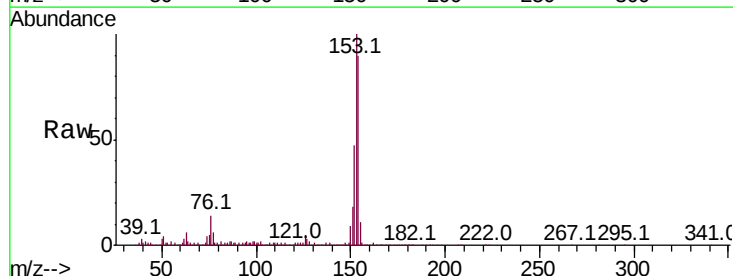
Instrument :
BNA_M
ClientSampleId :

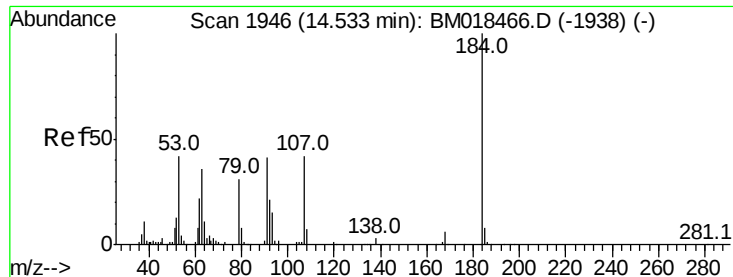
Tot Ion:163 Resp: 317575
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.3 7.8 11.8



#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

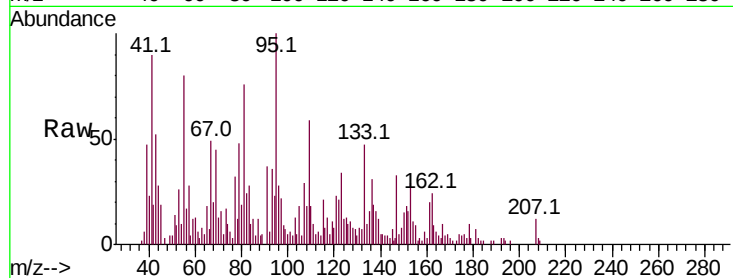




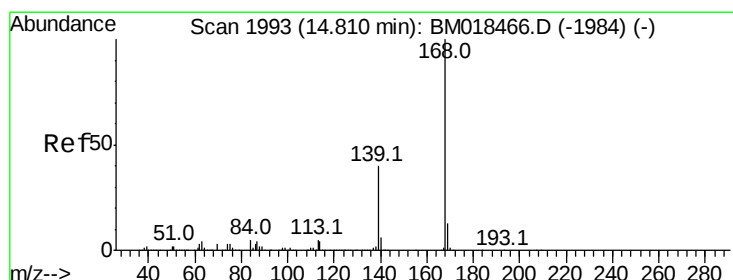
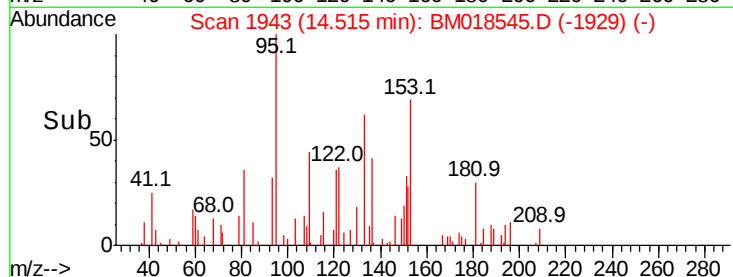
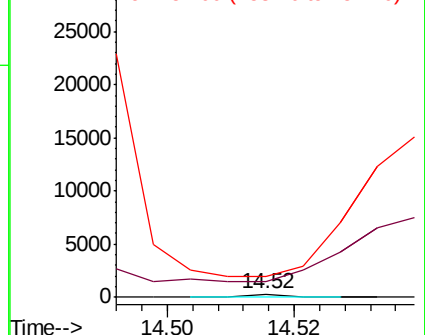
#54
2,4-Dinitrophenol
Concen: 7.214 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 461.2 55.9 83.9#
154 613.2 54.2 81.4#

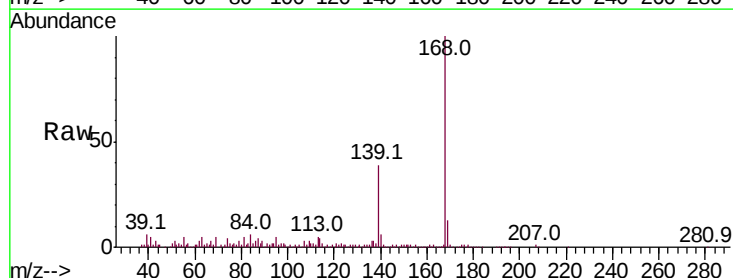


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

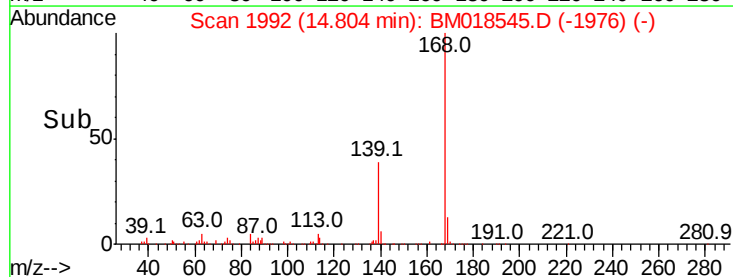
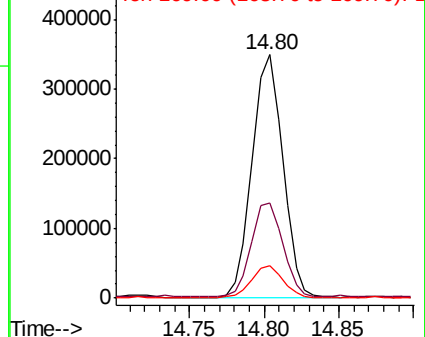


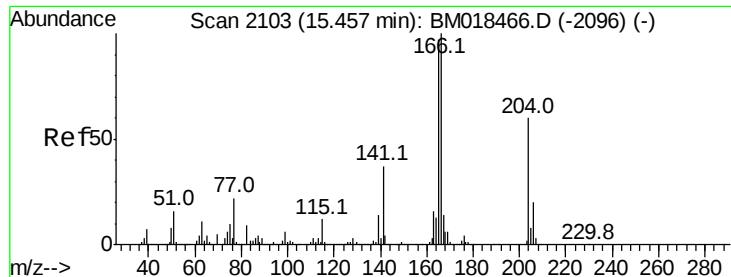
#55
Dibenzofuran
Concen: 5.575 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

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



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

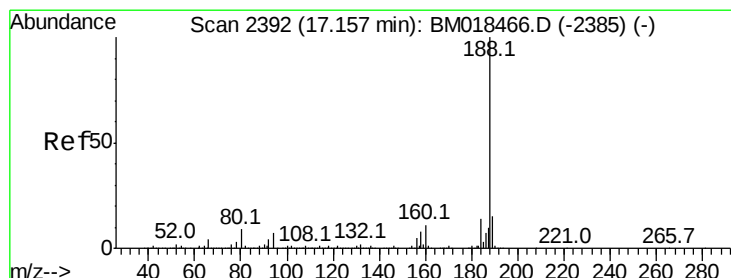
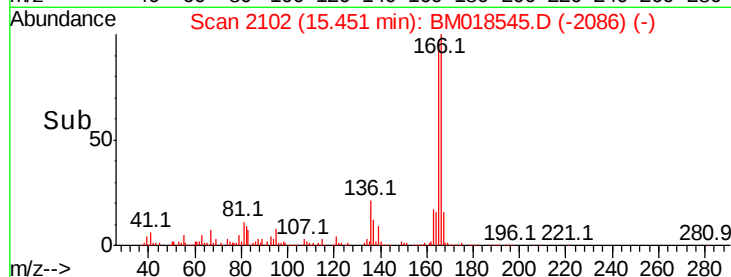
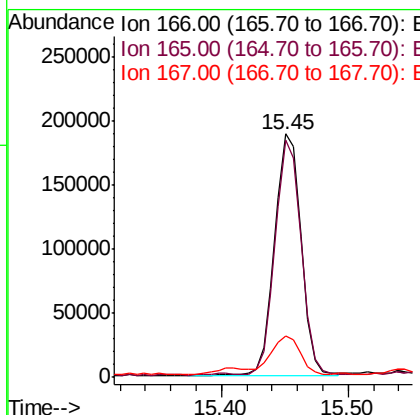
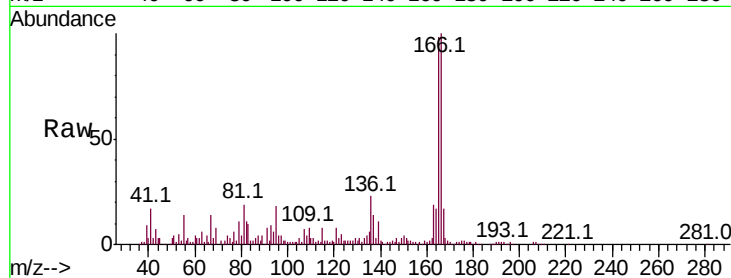




#58
 Fluorene
 Concen: 4.175 ng
 RT: 15.45 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

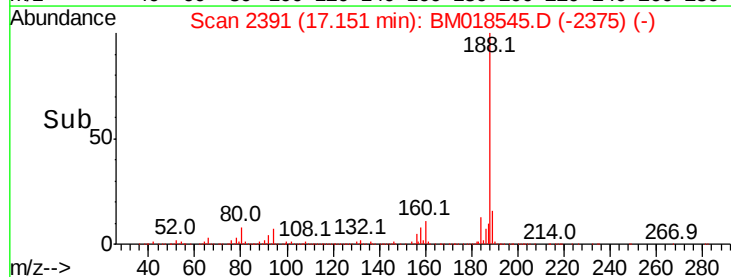
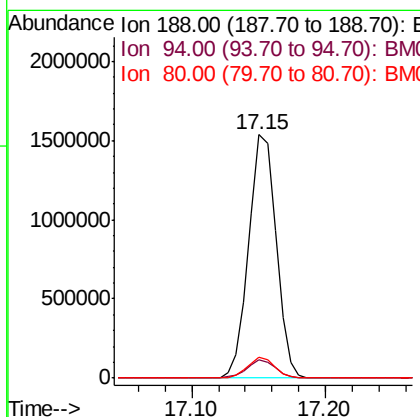
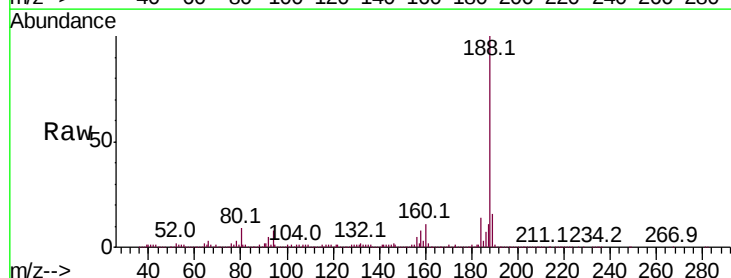
Instrument :
 BNA_M
 ClientSampleId :

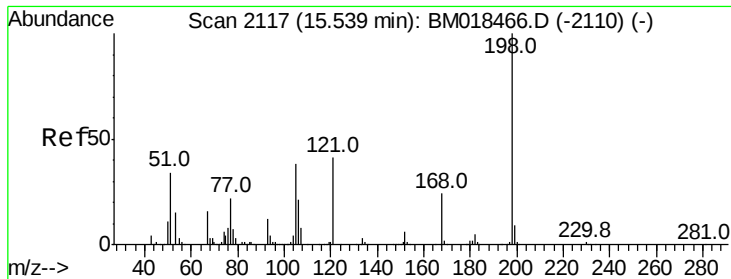
Tot Ion:166 Resp: 277789
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.3 117.5
 167 16.9 10.9 16.3#



#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 :

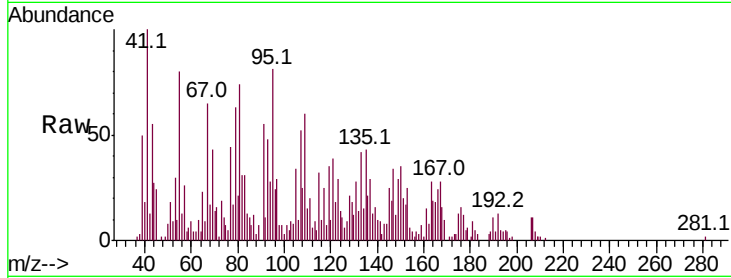
Tot Ion:198 Resp: 197

Ion Ratio Lower Upper

198 100

51 707.7 29.6 69.6#

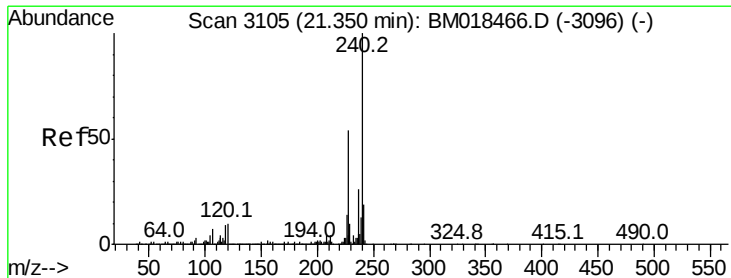
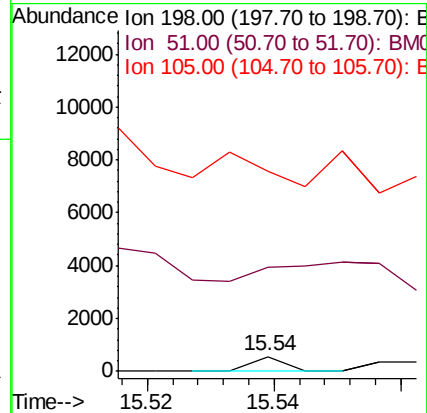
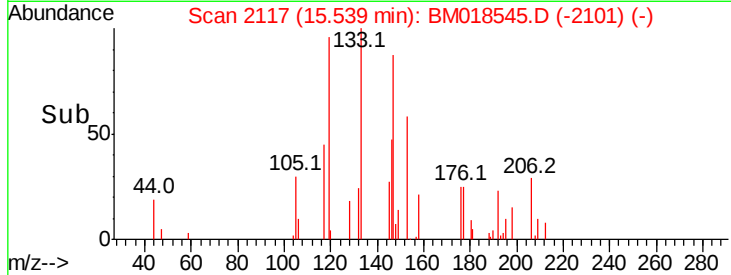
105 1355.0 25.5 65.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#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

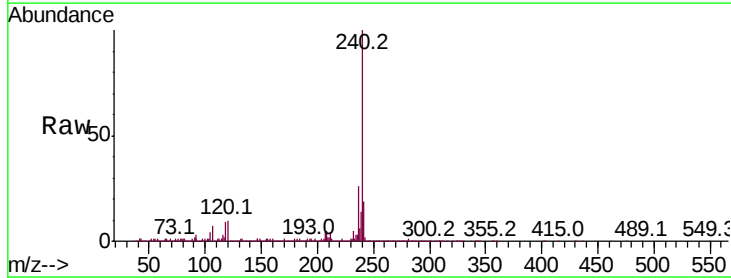
Tgt Ion:240 Resp: 2728793

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

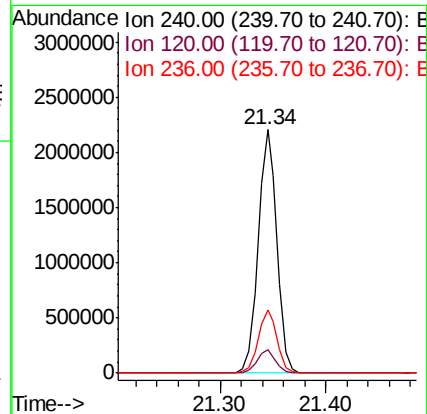
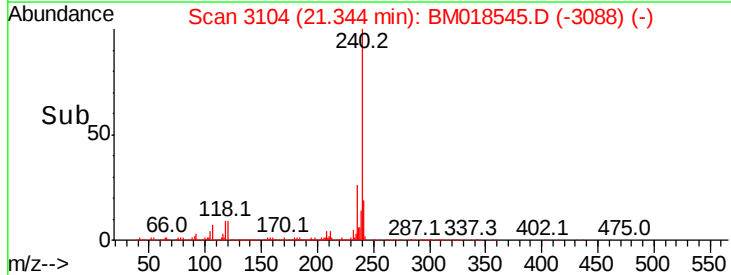
236 25.8 20.7 31.1

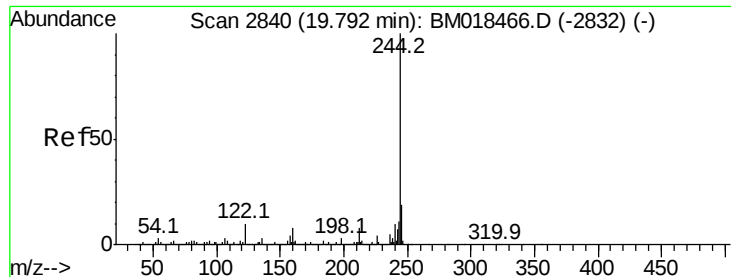


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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 :

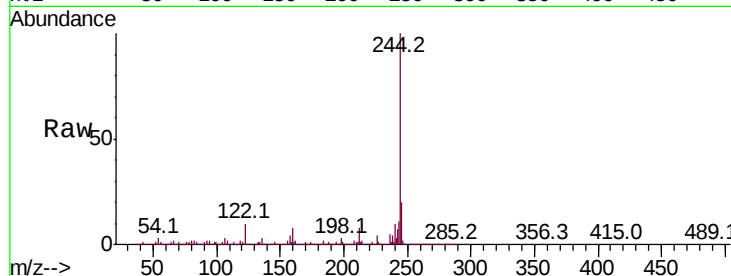
Tot Ion:244 Resp: 8245709

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

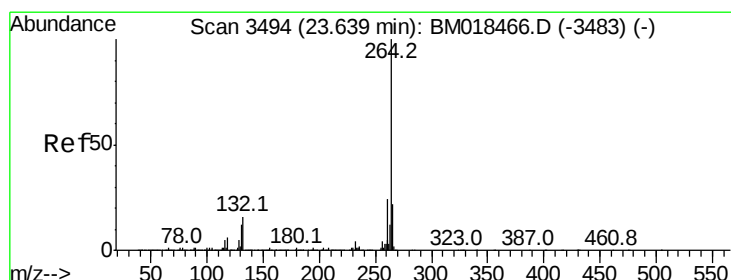
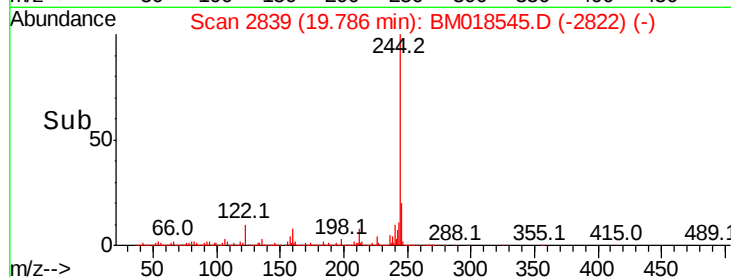
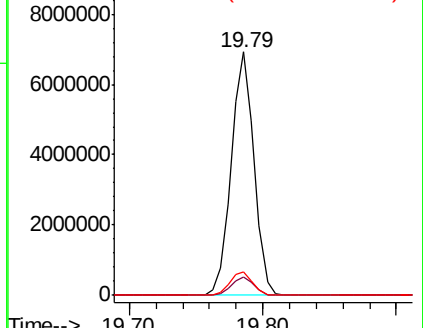
122 9.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

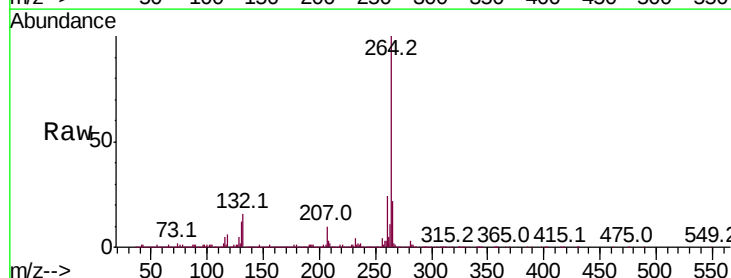
Tgt Ion:264 Resp: 3249792

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

