

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018547.D
 Acq On : 11 Jan 2019 22:44
 Operator : JU/SJ
 Sample : K1123-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 23:43:22 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

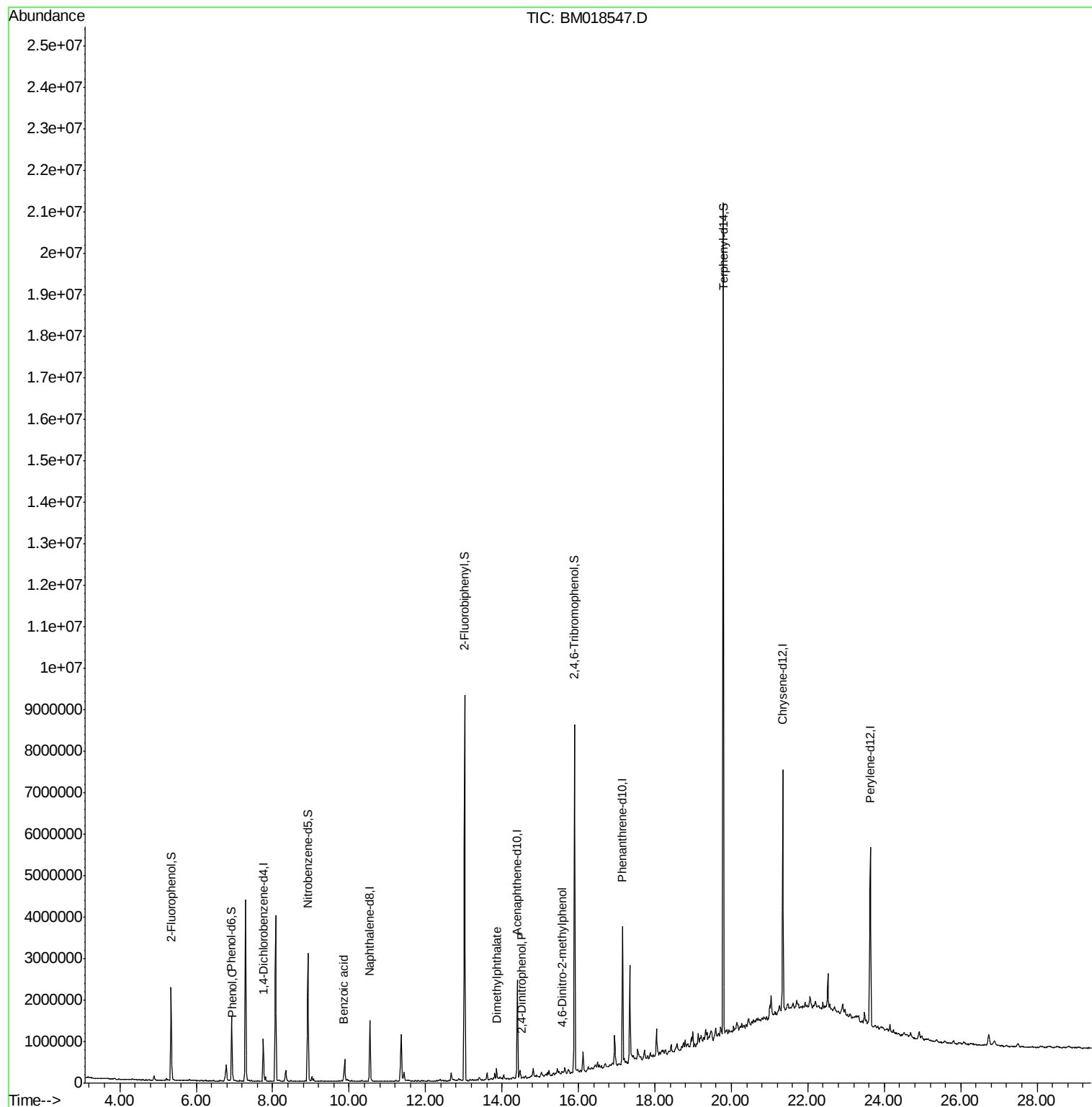
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	283567	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1228267	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	774465	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1918640	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2538574	20.00	ng	0.00
87) Perylene-d12	23.63	264	3157811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1017473	66.25	ng	0.00
7) Phenol-d6	6.93	99	871266	44.67	ng	0.00
23) Nitrobenzene-d5	8.92	82	1745525	82.38	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1460933	148.15	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4731795	79.72	ng	0.00
79) Terphenyl-d14	19.79	244	8867855	73.64	ng	0.00
Target Compounds						
10) Phenol	6.95	94	55545	2.802	ng	92
32) Benzoic acid	9.86	122	6448	7.050	ng	# 57
50) Dimethylphthalate	13.86	163	158177	2.487	ng	99
54) 2,4-Dinitrophenol	14.52	184	109	7.215	ng	# 28
65) 4,6-Dinitro-2-methylphenol	15.57	198	826	5.453	ng	# 1

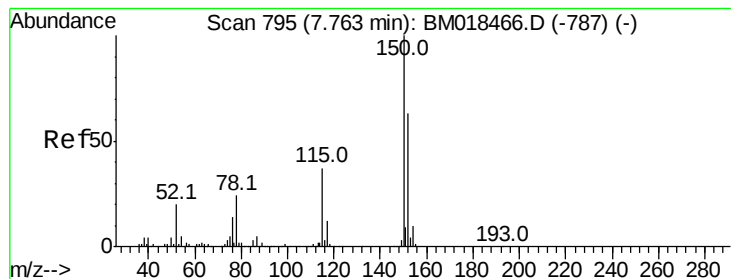
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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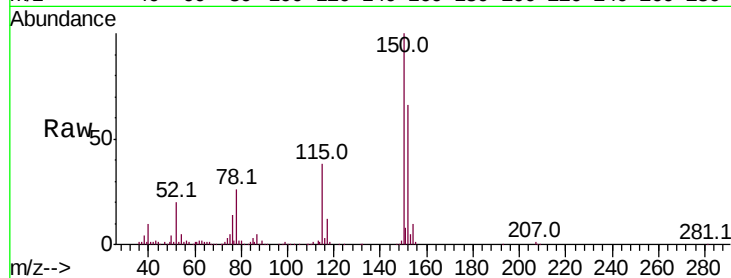


#1

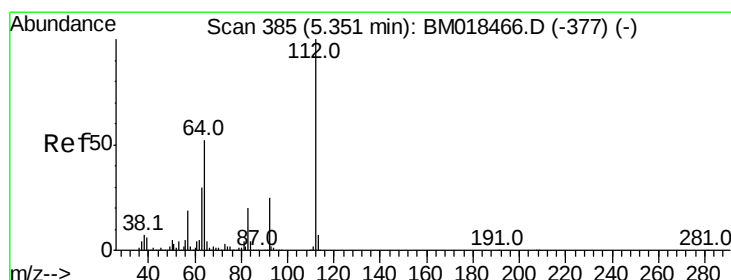
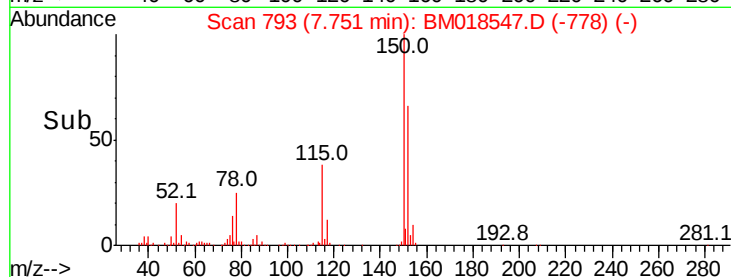
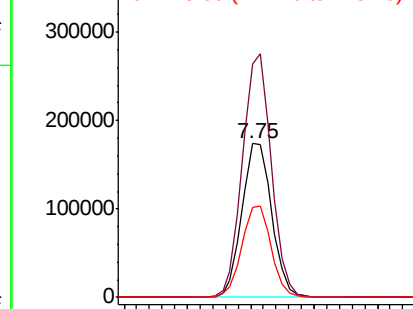
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	58.5	45.5	68.3



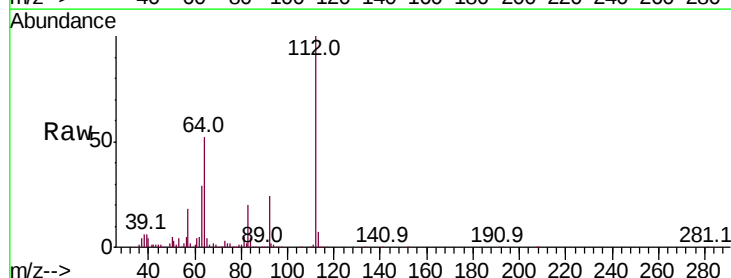
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



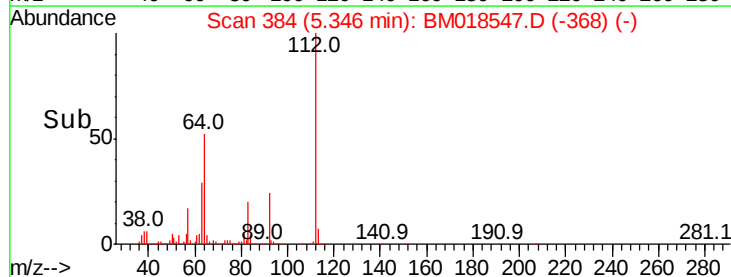
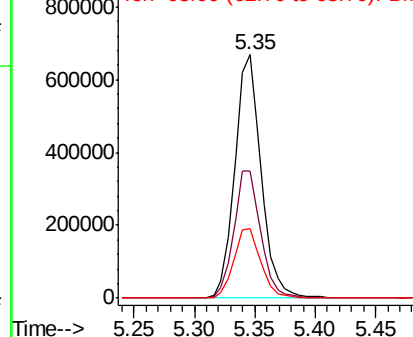
#5

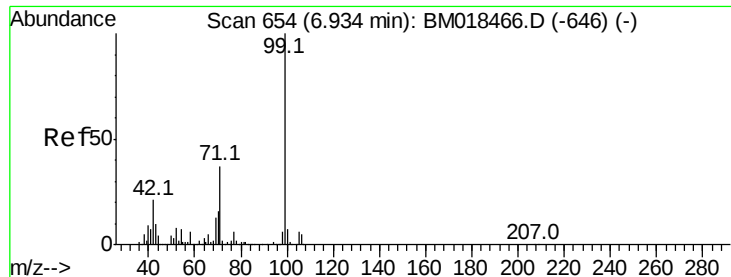
2-Fluorophenol
Concen: 66.254 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.5	69.7
63	28.7	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: 44.668 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018547.D

Acq: 11 Jan 2019 22:44

Instrument :

BNA_M

ClientSampleId :

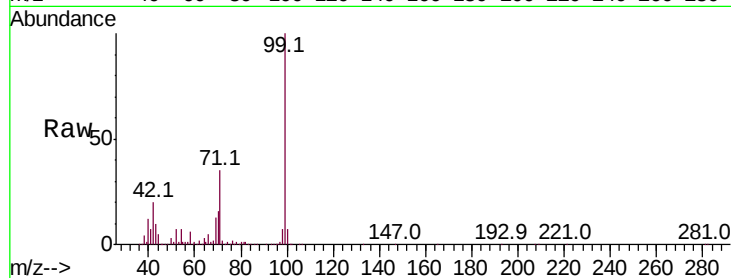
Tot Ion: 99 Resp: 871266

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

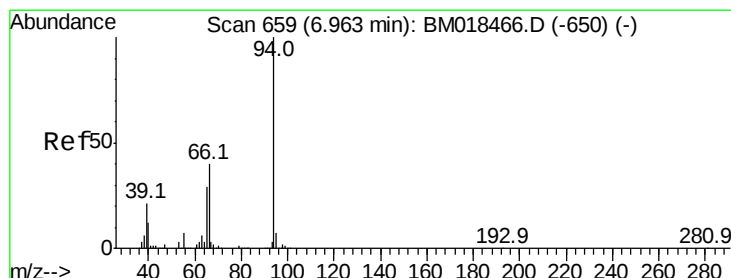
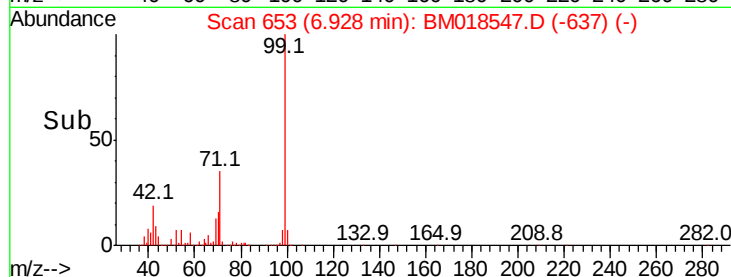
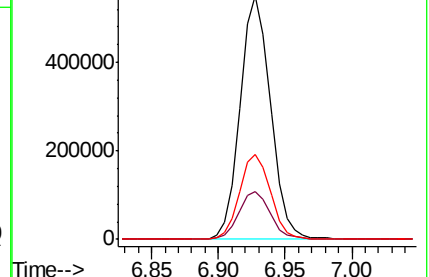
71 35.0 28.0 42.0



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: 2.802 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018547.D

Acq: 11 Jan 2019 22:44

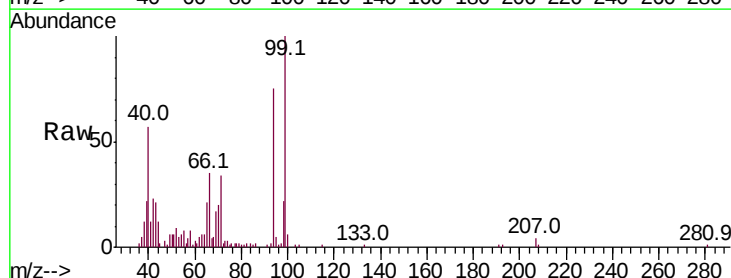
Tgt Ion: 94 Resp: 55545

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

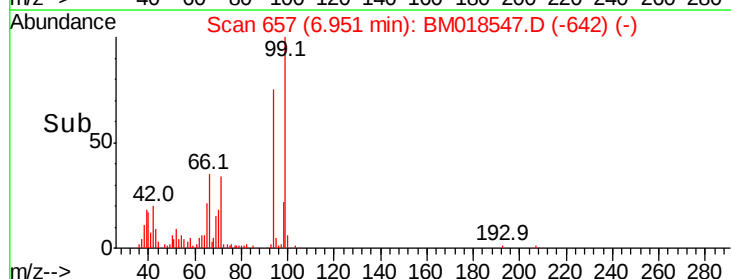
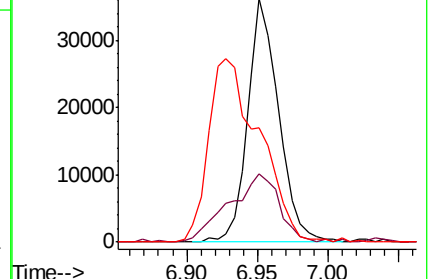
66 47.1 19.1 59.1

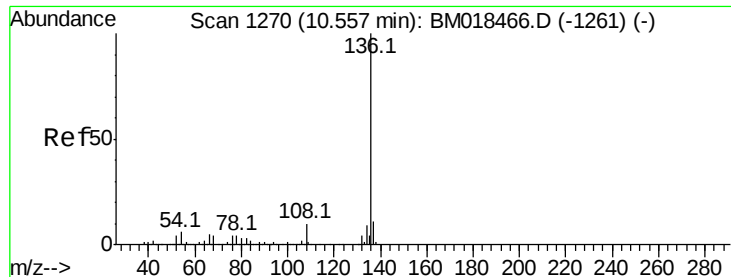


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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

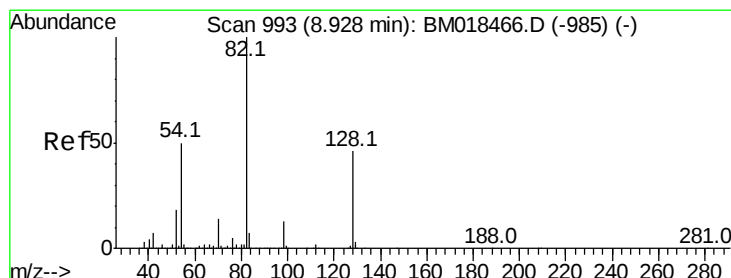
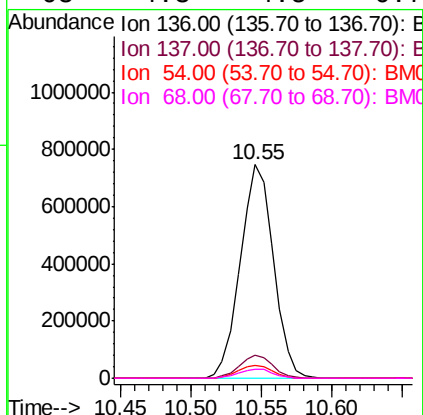
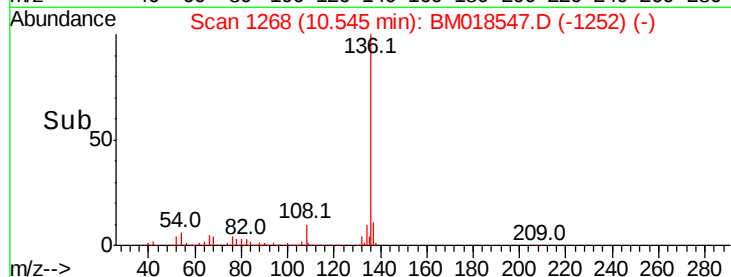
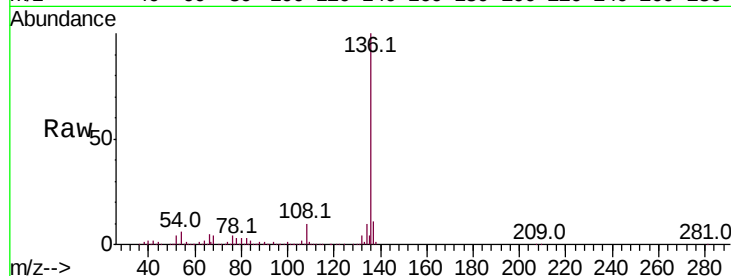




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

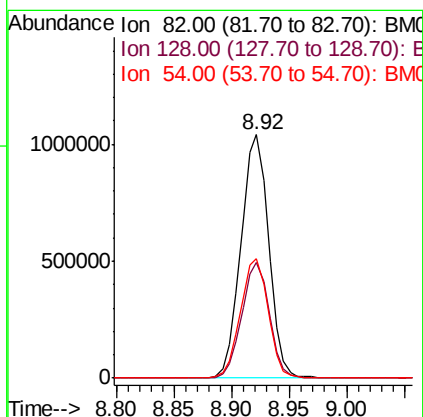
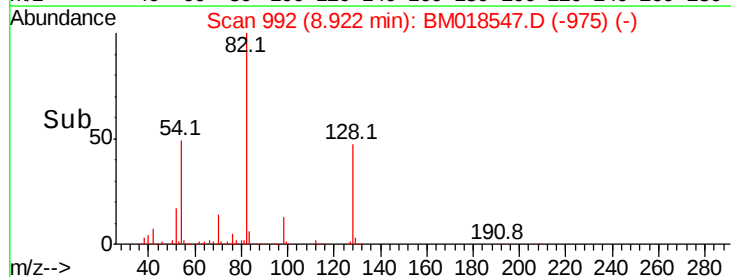
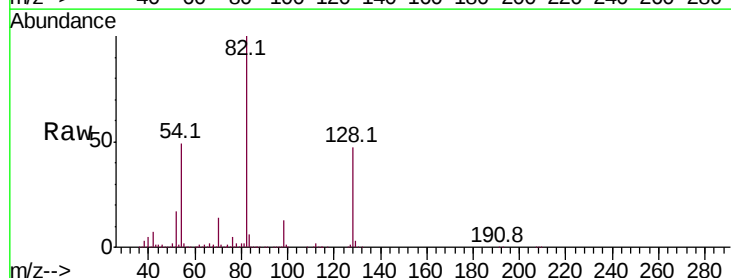
Instrument :
BNA_M
ClientSampleId :

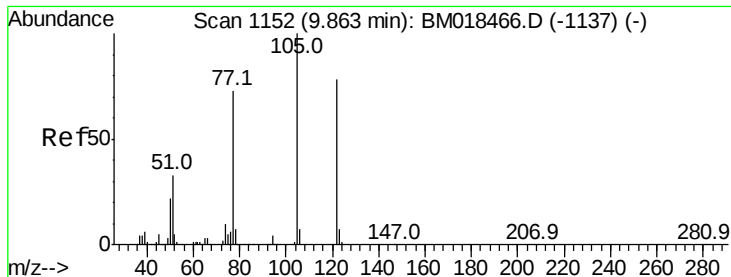
Tot Ion:136 Resp: 1228267
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.2 6.0 9.0
68 4.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 82.384 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion: 82 Resp: 1745525
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 49.3 41.7 62.5

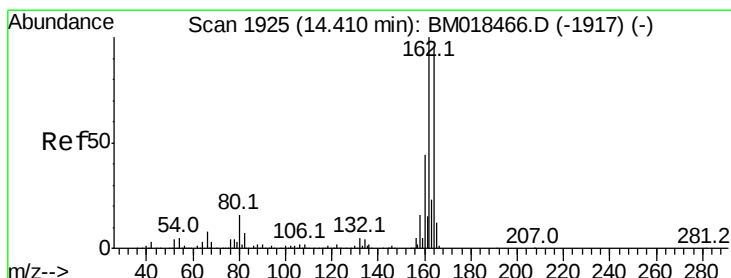
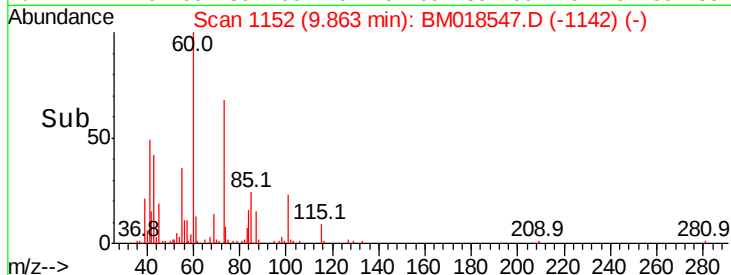
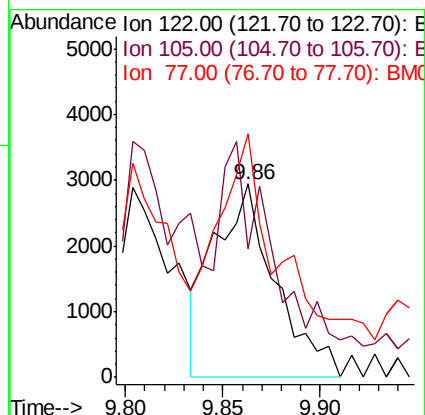
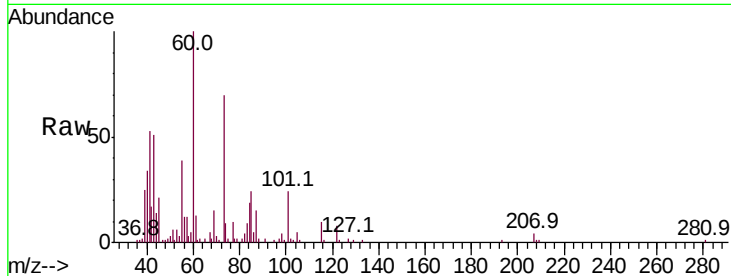




#32
Benzoic acid
Concen: 7.050 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

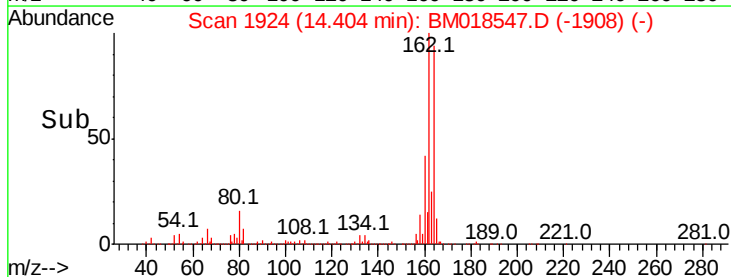
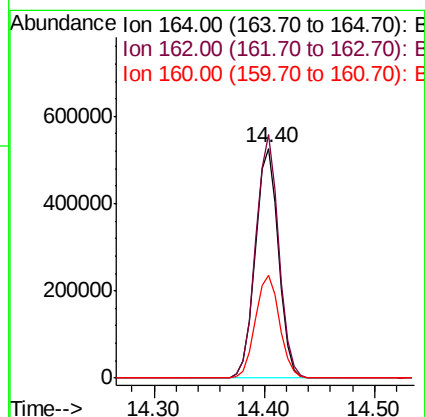
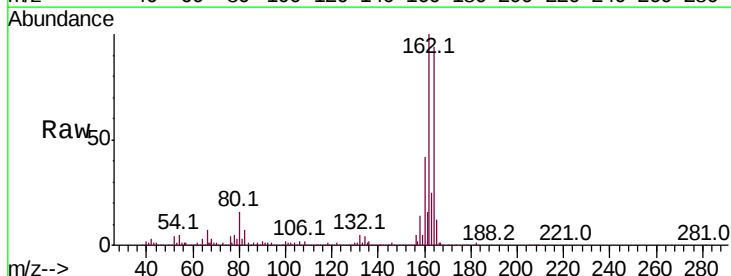
Instrument :
BNA_M
ClientSampled :

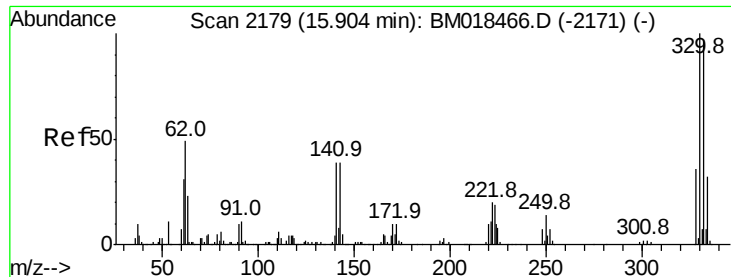
Tot Ion:122 Resp: 6448
Ion Ratio Lower Upper
122 100
105 66.3 100.4 140.4#
77 125.9 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion:164 Resp: 774465
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.4
160 44.8 37.1 55.7



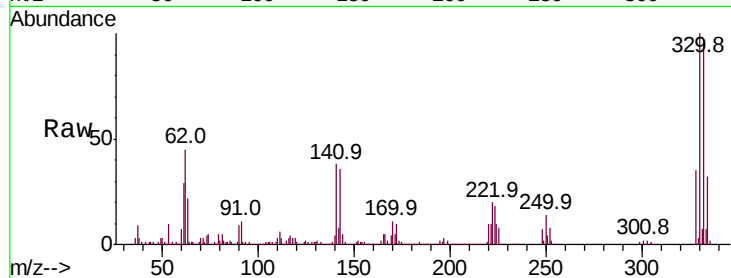


#42
 2,4,6-Tribromophenol
 Concen: 148.151 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018547.D
 Acq: 11 Jan 2019 22:44

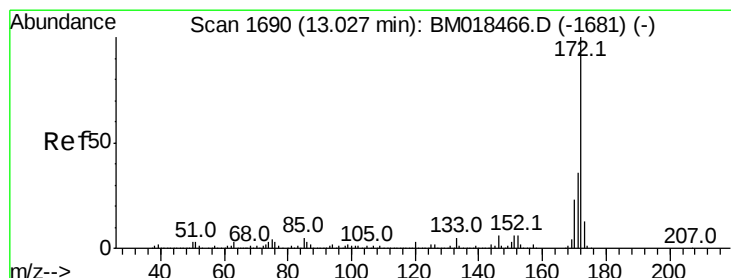
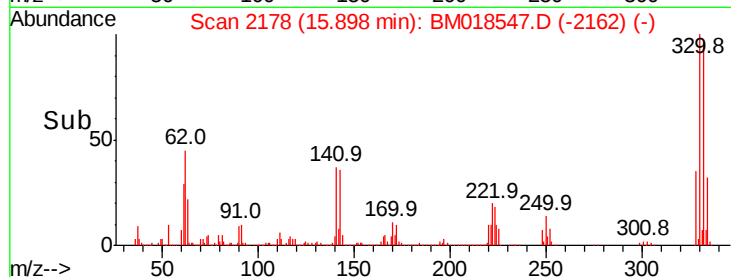
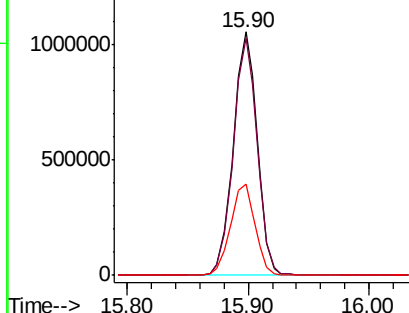
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1460933

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	38.2	31.7	47.5



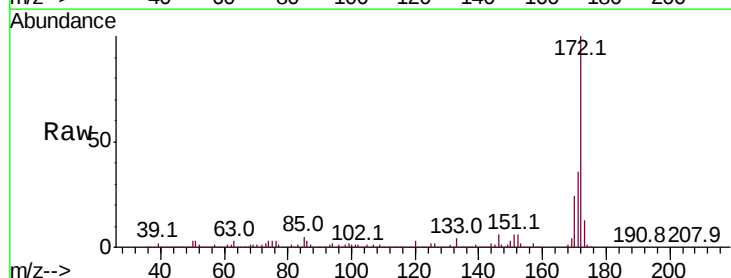
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



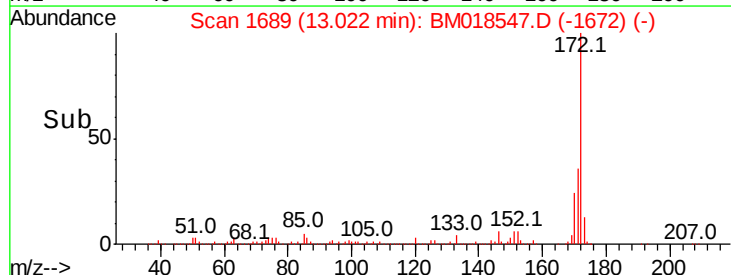
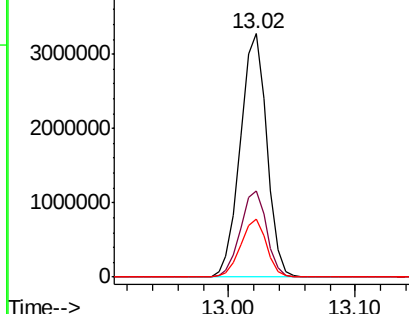
#45
 2-Fluorobiphenyl
 Concen: 79.724 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018547.D
 Acq: 11 Jan 2019 22:44

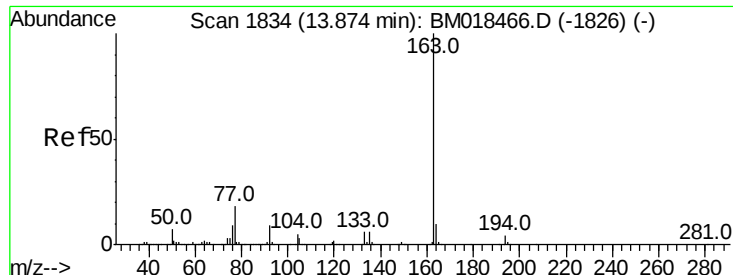
Tgt Ion:172 Resp: 4731795

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.6	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

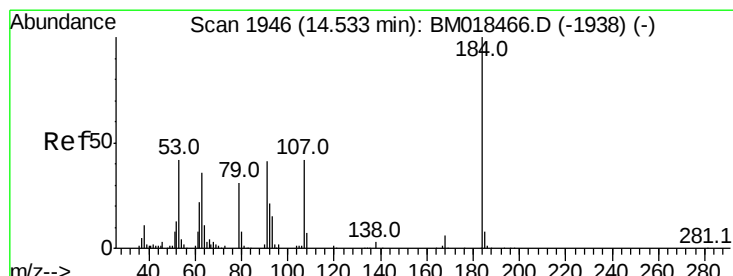
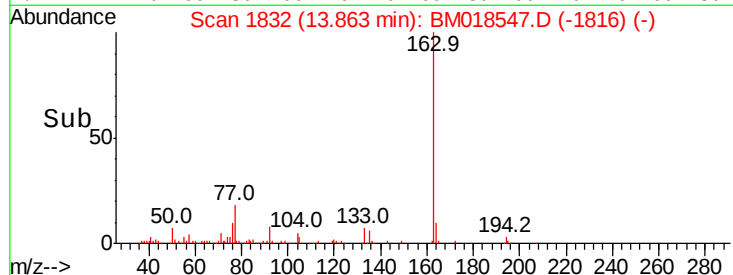
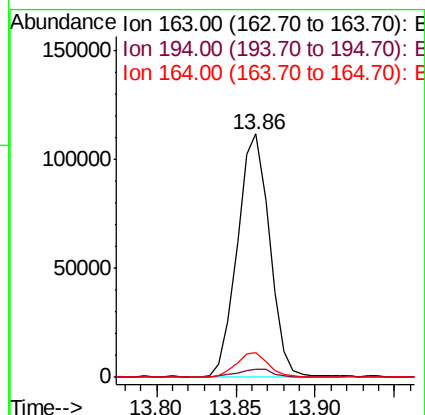
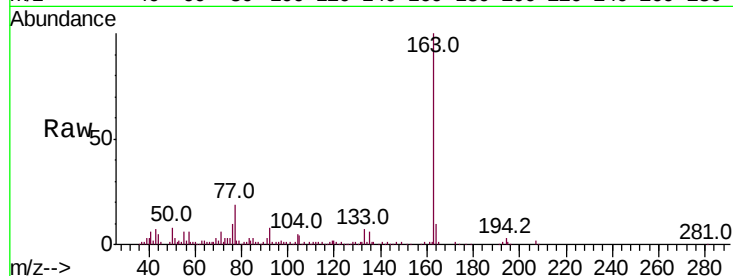




#50
Dimethylphthalate
Concen: 2.487 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

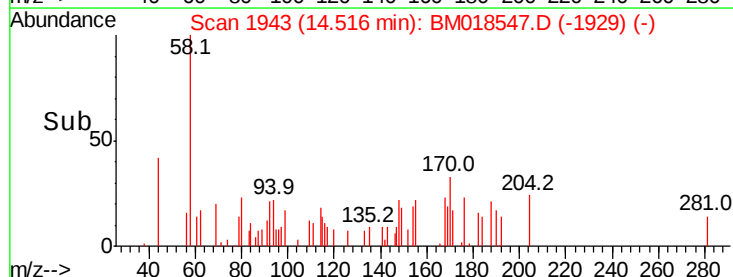
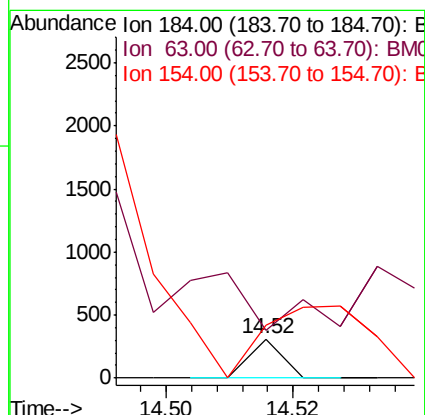
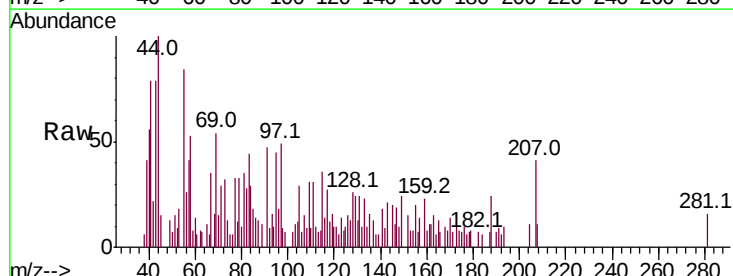
Instrument :
BNA_M
ClientSampleId :

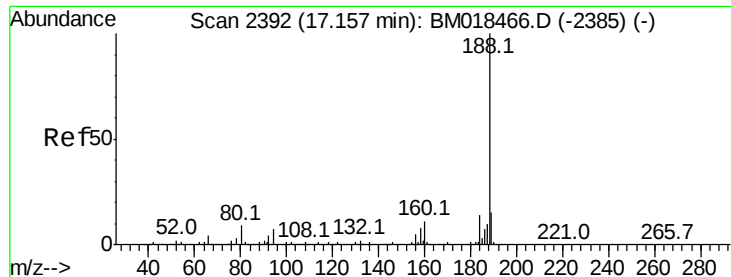
Tot Ion:163 Resp: 158177
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.1 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 7.215 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 121.0 55.9 83.9#
154 134.3 54.2 81.4#

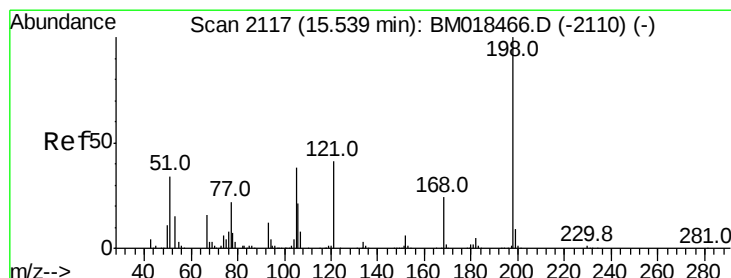
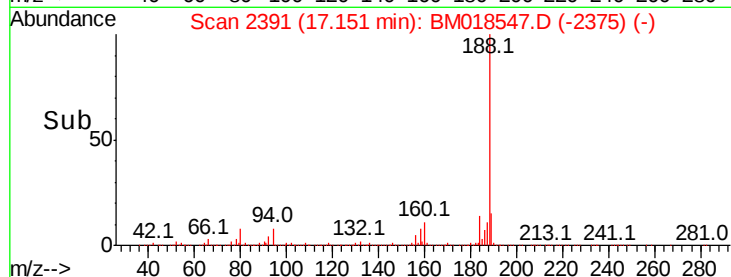
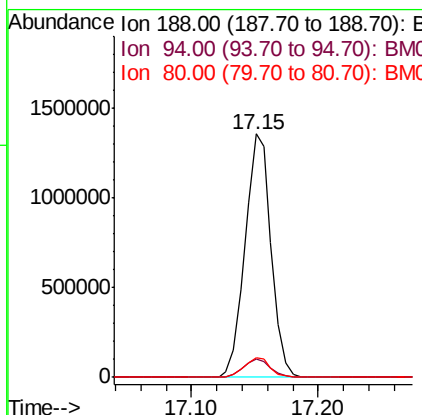
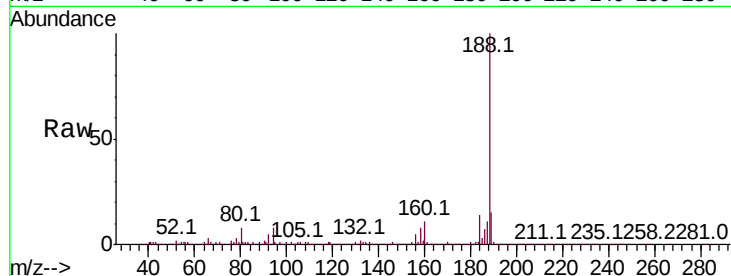




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

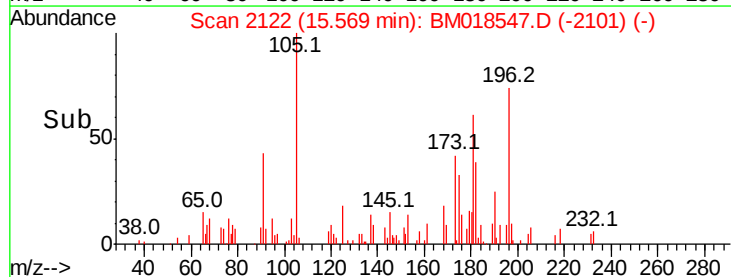
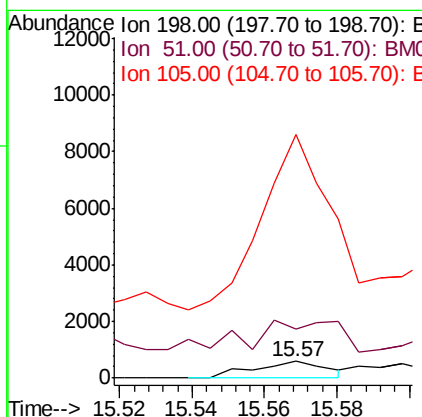
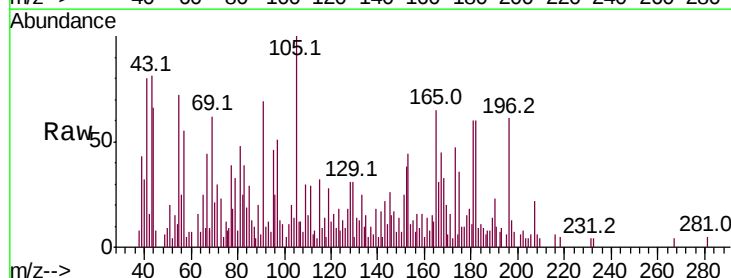
Instrument :
BNA_M
ClientSampleId :

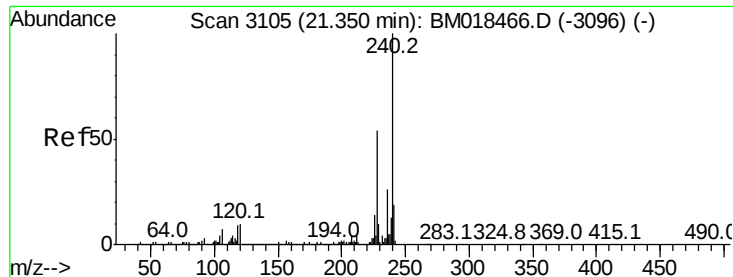
Tot Ion:188 Resp: 1918640
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.453 ng
RT: 15.57 min Scan# 2122
Delta R.T. 0.02 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion:198 Resp: 826
Ion Ratio Lower Upper
198 100
51 294.5 29.6 69.6#
105 1465.9 25.5 65.5#

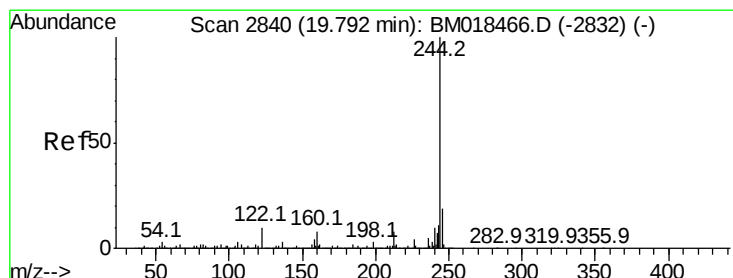
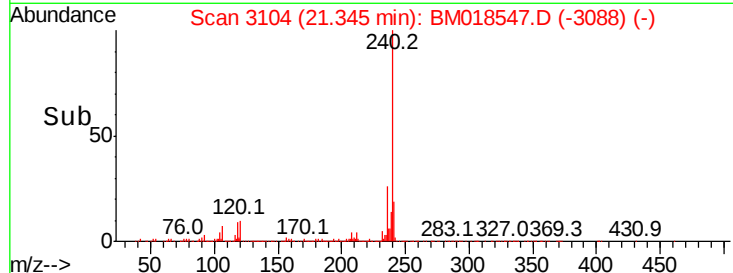
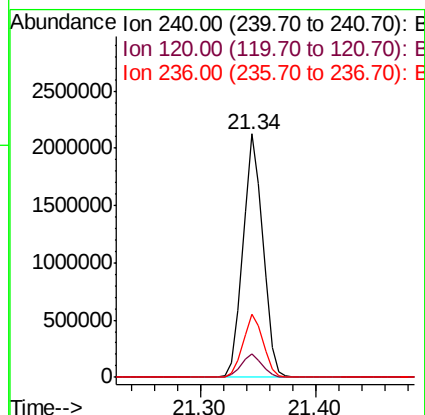
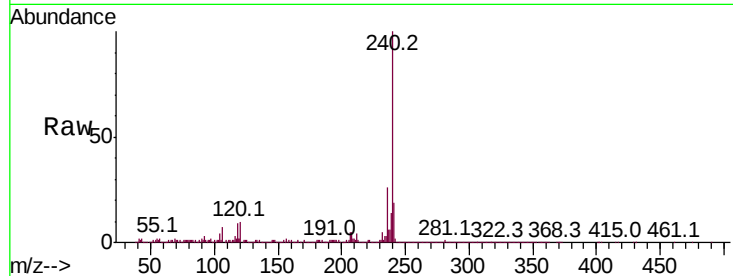




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

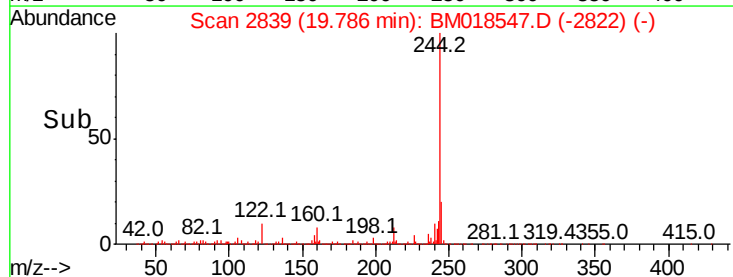
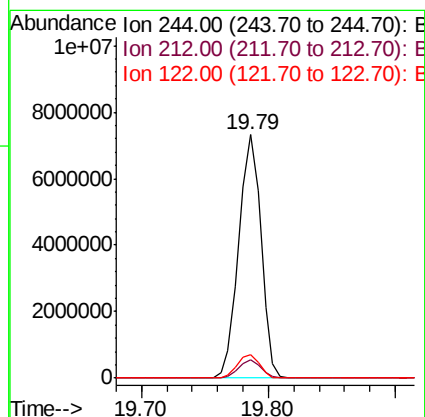
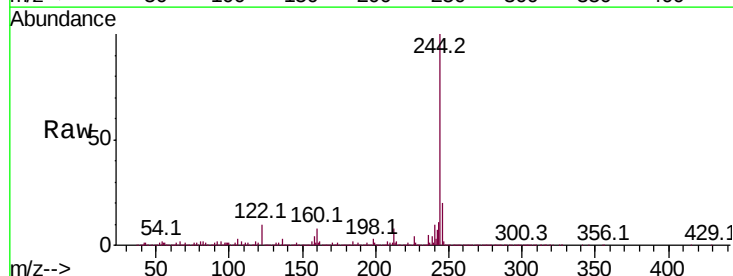
Instrument :
BNA_M
ClientSampled :

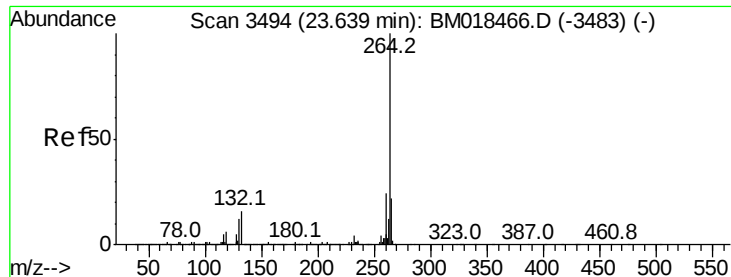
Tot Ion:240 Resp: 2538574
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 73.639 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Tgt Ion:244 Resp: 8867855
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.6 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM018547.D
Acq: 11 Jan 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 3157811

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.8	25.2

