

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018554.D
 Acq On : 14 Jan 2019 16:47
 Operator : JU/SJ
 Sample : PB116347BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:29:37 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

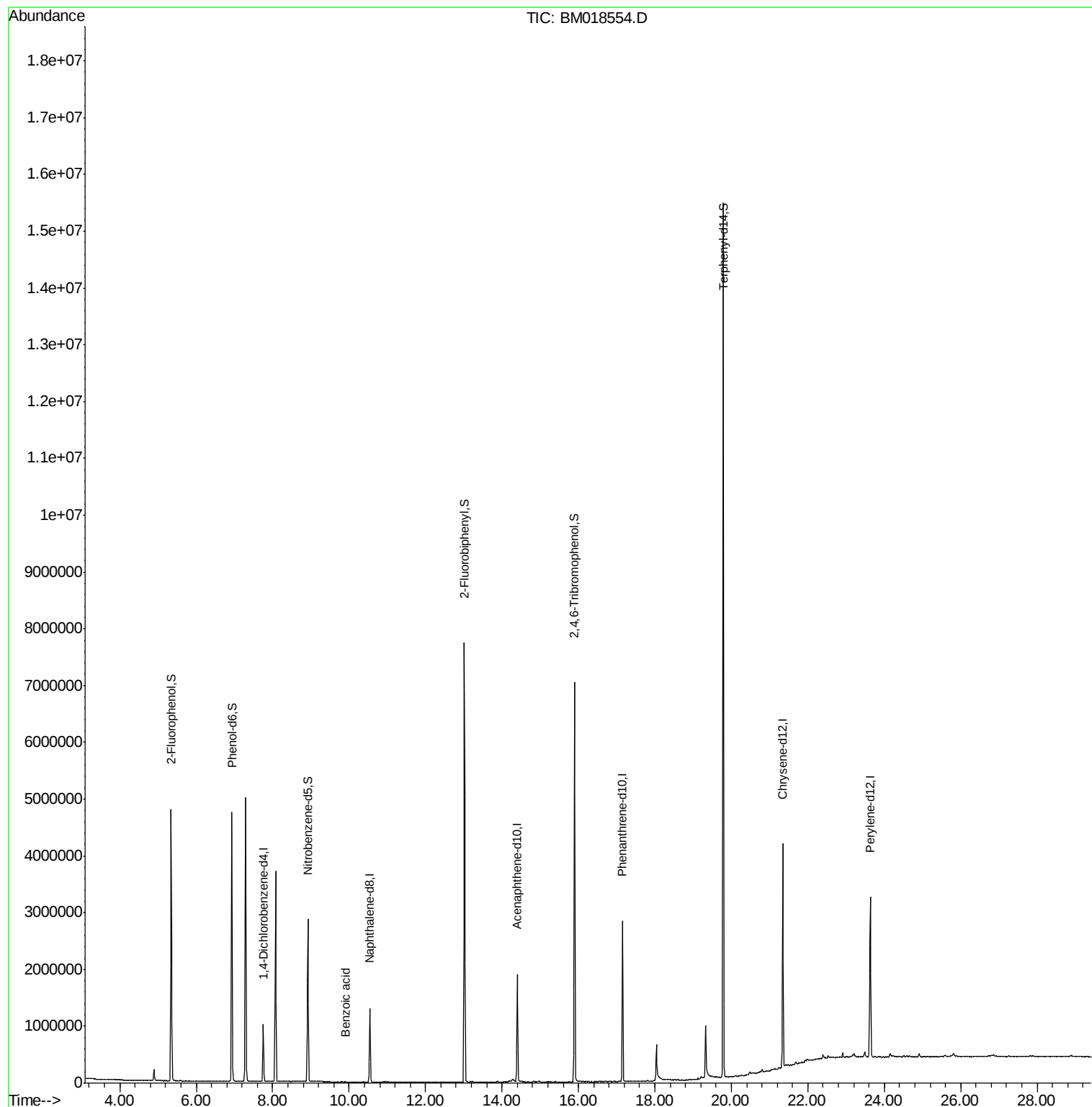
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	273338	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1086275	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	642071	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1579414	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1810832	20.00	ng	0.00
87) Perylene-d12	23.63	264	1928930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2032612	137.31	ng	0.00
7) Phenol-d6	6.93	99	2596461	138.10	ng	0.00
23) Nitrobenzene-d5	8.92	82	1548984	82.66	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1236723	151.27	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4006502	81.42	ng	0.00
79) Terphenyl-d14	19.79	244	7204023	83.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	323	Below Cal	#	1
32) Benzoic acid	9.90	122	131	6.515 ng	#	34

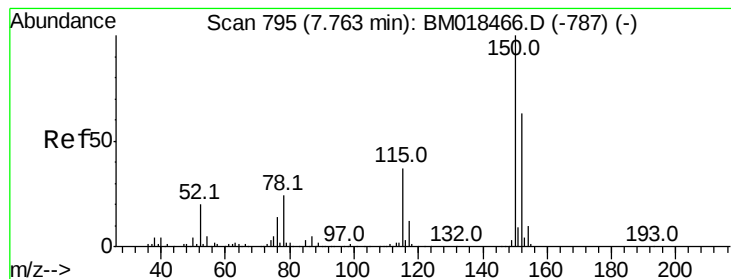
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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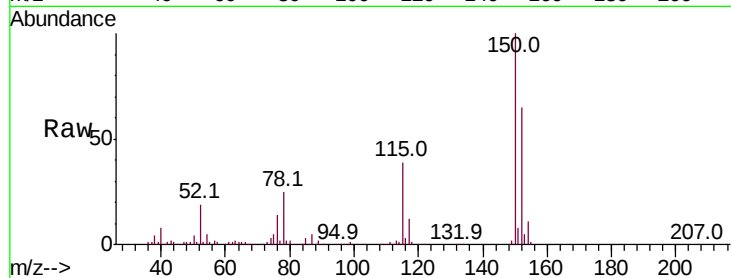


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.9	190.3
115	59.8	45.5	68.3

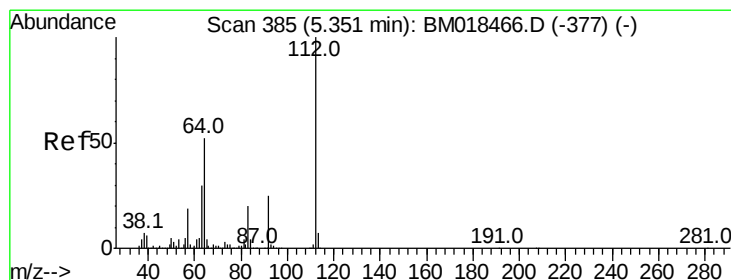
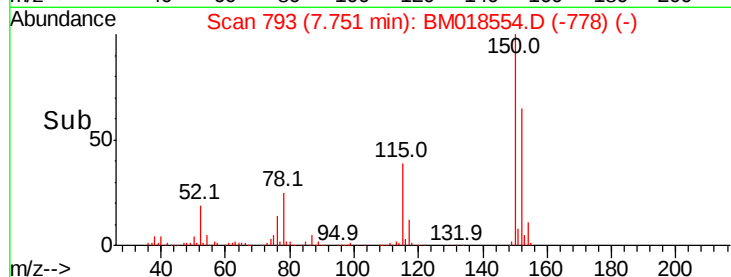
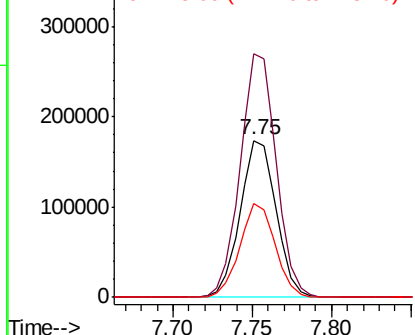


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

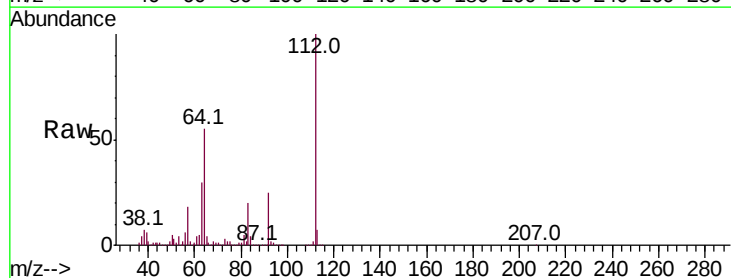
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.310 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	30.0	25.2	37.8

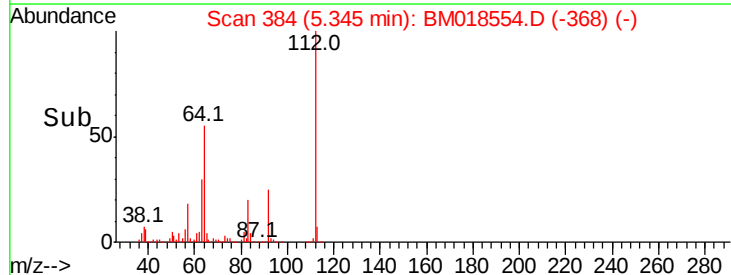
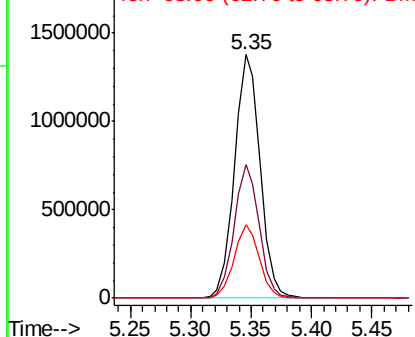


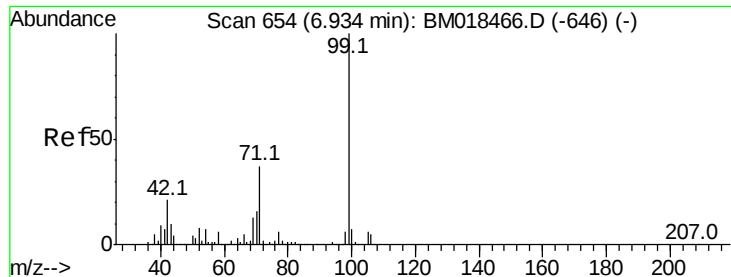
Abundance

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: 138.097 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018554.D

Acq: 14 Jan 2019 16:47

Instrument :

BNA_M

ClientSampleId :

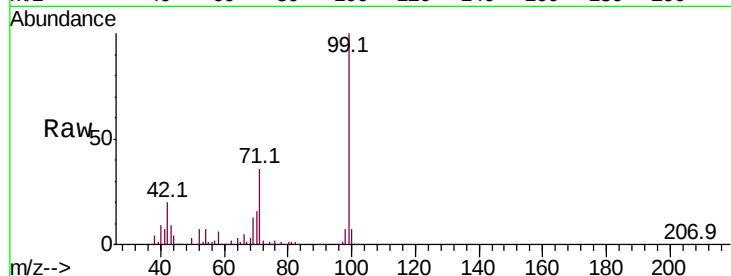
Tot Ion: 99 Resp: 2596461

Ion Ratio Lower Upper

99 100

42 19.6 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) (-)

6.93

1500000

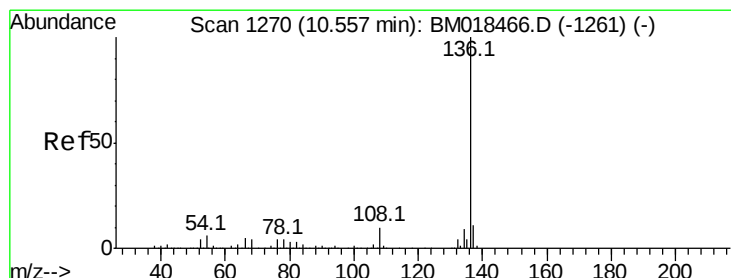
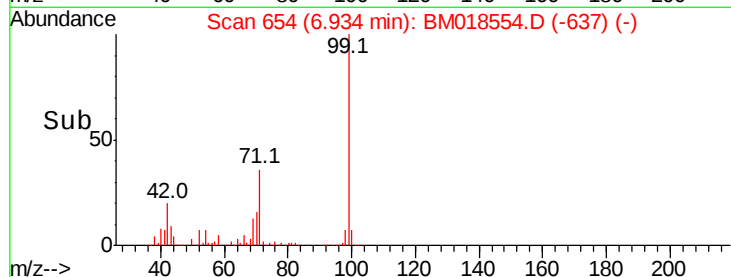
1000000

500000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018554.D

Acq: 14 Jan 2019 16:47

Tgt Ion: 136 Resp: 1086275

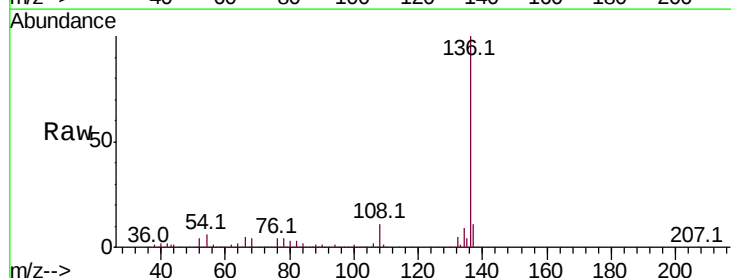
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.4 6.0 9.0

68 4.4 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

10.55

1000000

800000

600000

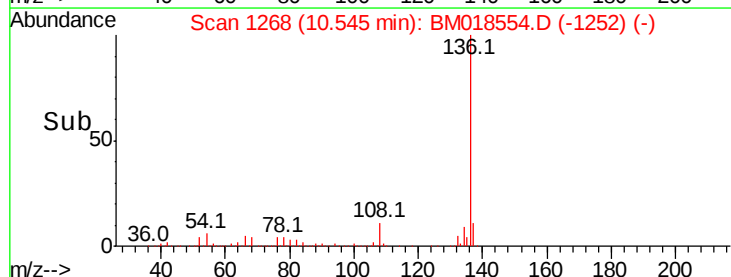
400000

200000

0

10.50 10.60

Time-->

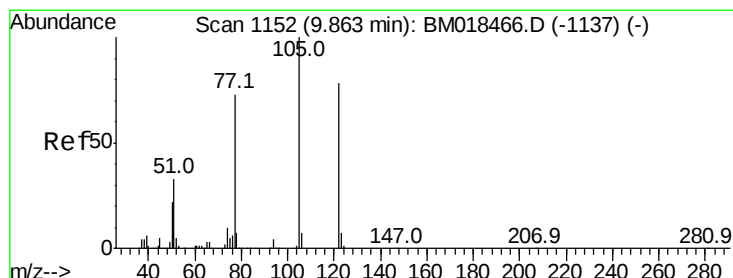
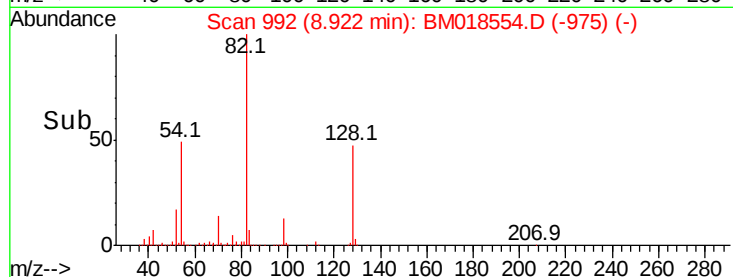
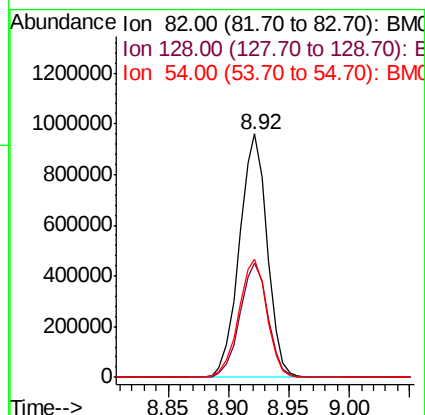
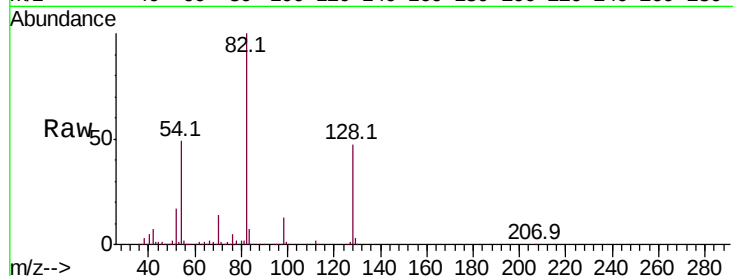




#23
Nitrobenzene-d5
Concen: 82.664 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

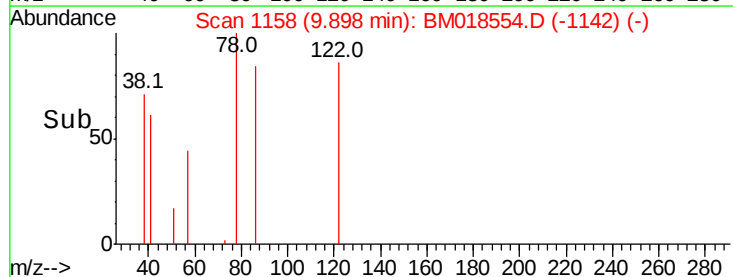
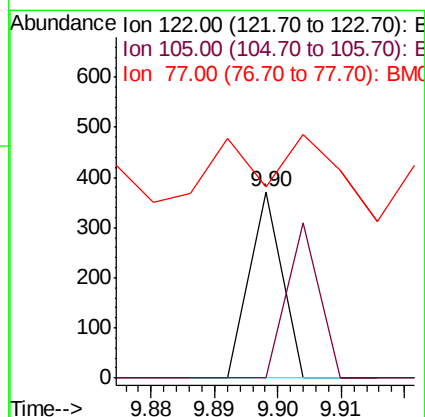
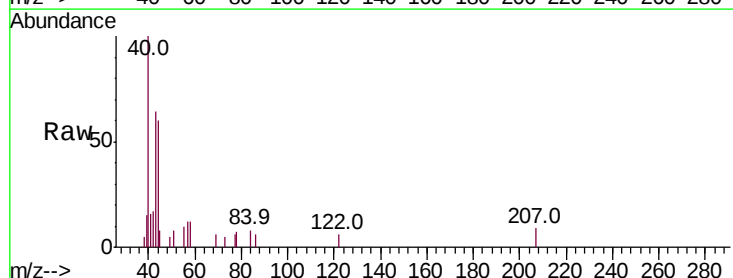
Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1548984
Ion Ratio Lower Upper
82 100
128 47.0 36.3 54.5
54 48.8 41.7 62.5



#32
Benzoic acid
Concen: 6.515 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

Tgt Ion: 122 Resp: 131
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 102.4 71.7 111.7

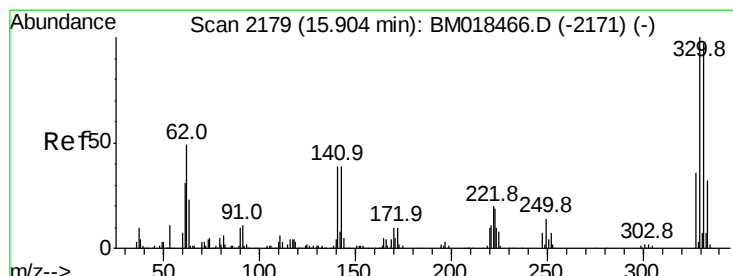
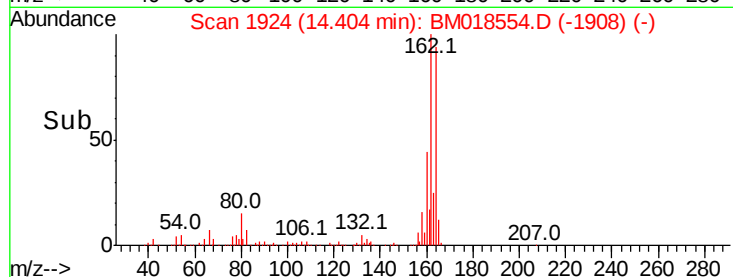
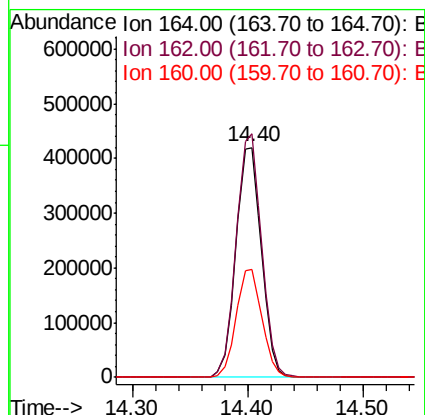
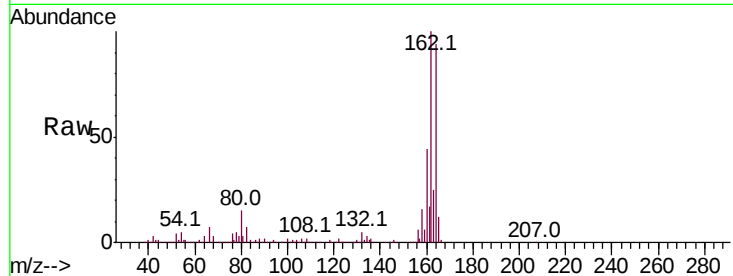




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

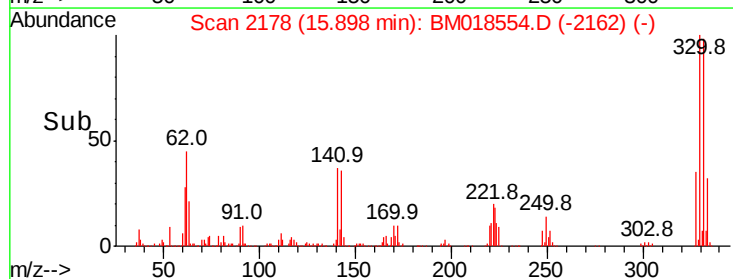
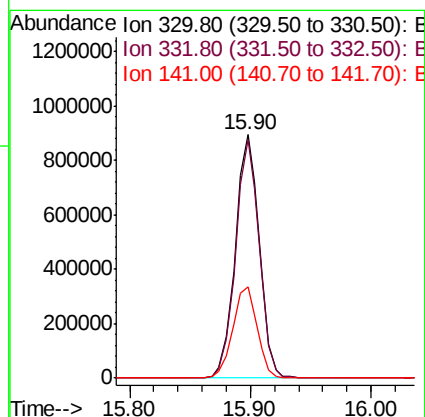
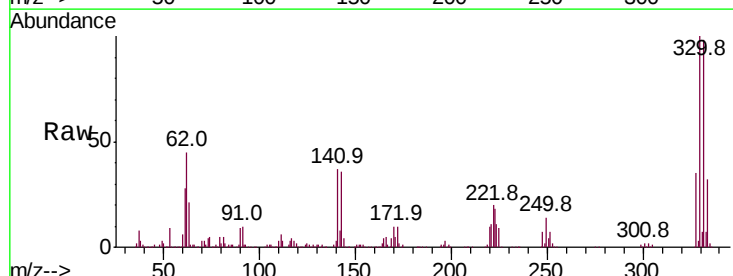
Instrument :
BNA_M
ClientSampled :

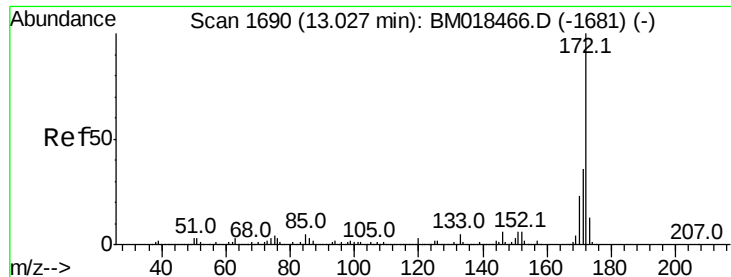
Tot Ion:164 Resp: 642071
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.4
160 47.1 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 151.274 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

Tgt Ion:330 Resp: 1236723
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 38.1 31.7 47.5



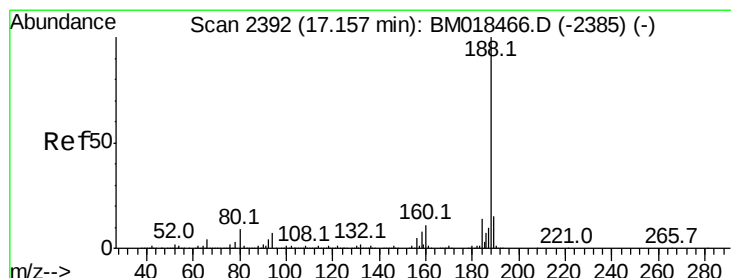
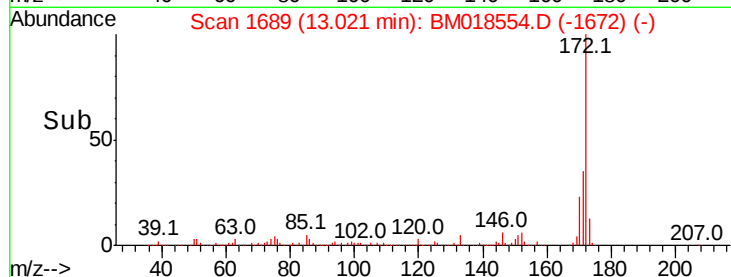
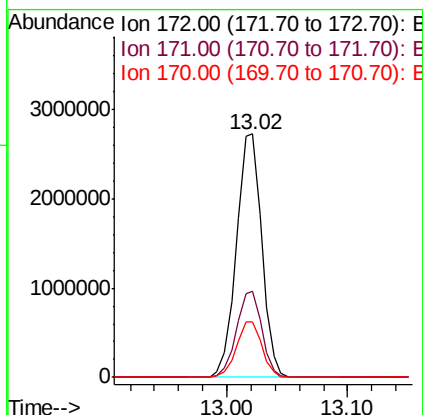
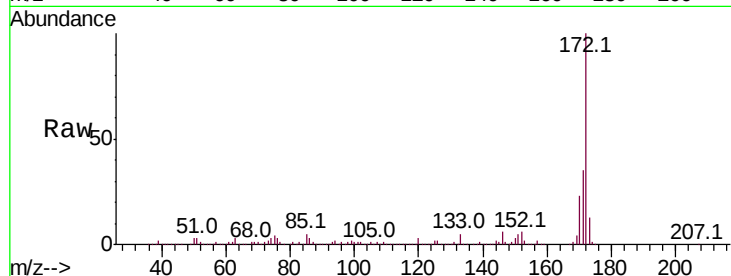


#45
 2-Fluorobiphenyl
 Concen: 81.423 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018554.D
 Acq: 14 Jan 2019 16:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4006502

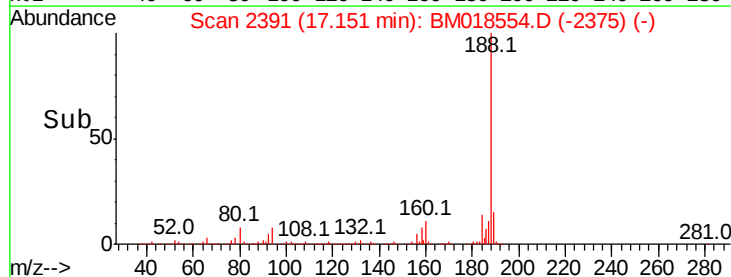
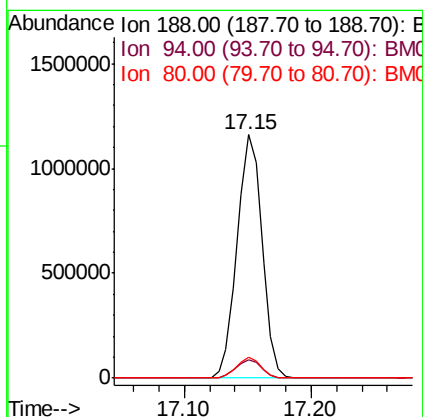
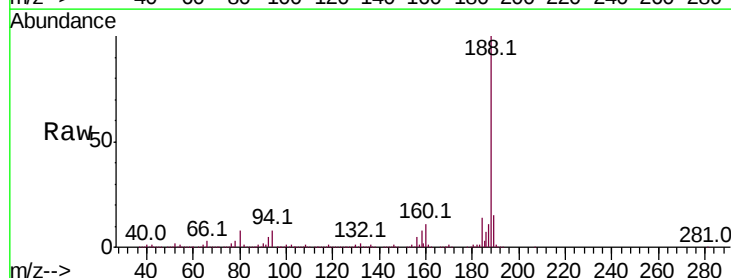
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.0	18.9	28.3

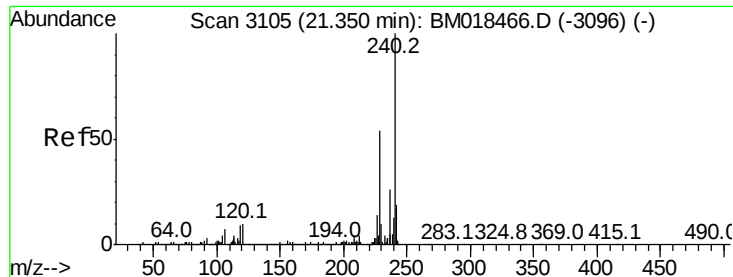


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.15 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM018554.D
 Acq: 14 Jan 2019 16:47

Tgt Ion:188 Resp: 1579414

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.3	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018554.D

Acq: 14 Jan 2019 16:47

Instrument :

BNA_M

ClientSampleId :

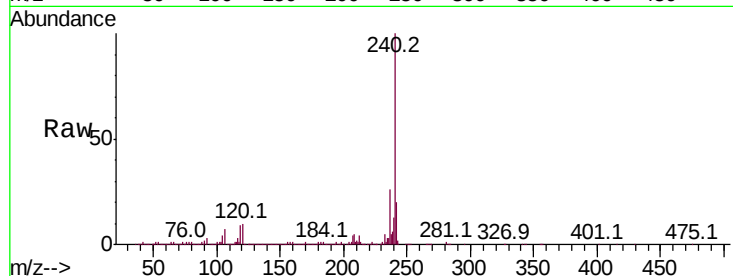
Tot Ion:240 Resp: 1810832

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	25.6	20.7	31.1

240 100

120 10.1 8.4 12.6

236 25.6 20.7 31.1

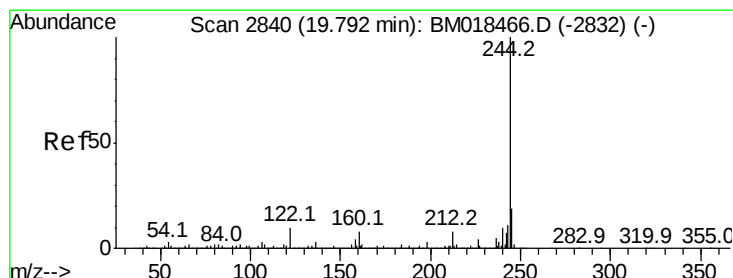
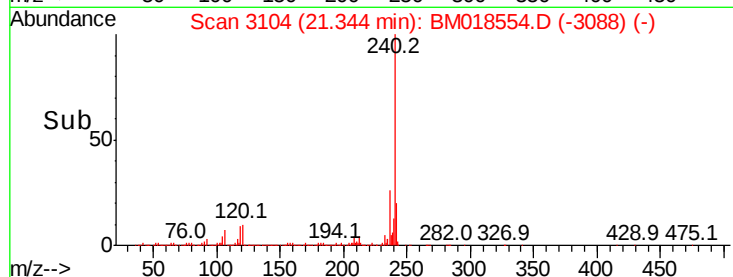
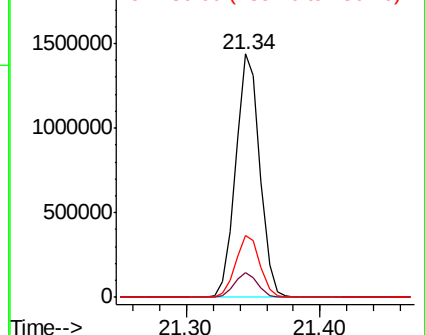


Abundance

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: 83.864 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018554.D

Acq: 14 Jan 2019 16:47

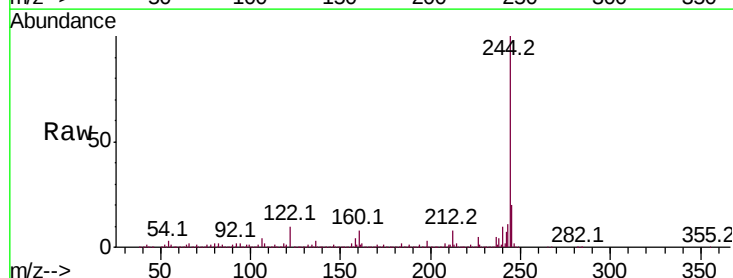
Tgt Ion:244 Resp: 7204023

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.4	9.0	13.4

244 100

212 7.9 5.9 8.9

122 10.4 9.0 13.4

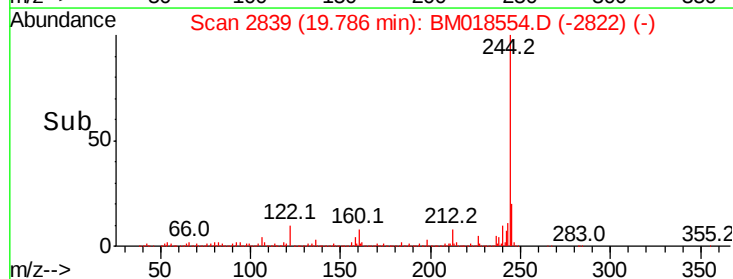
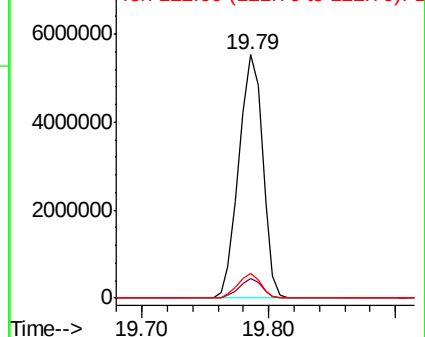


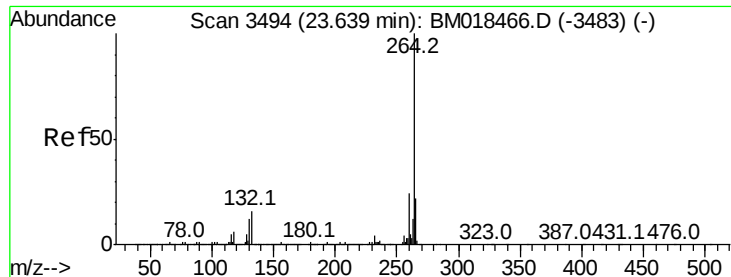
Abundance

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



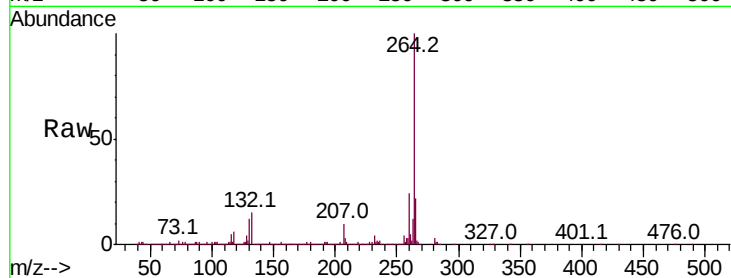


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM018554.D
Acq: 14 Jan 2019 16:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1928930

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	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

