

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018614.D
 Acq On : 17 Jan 2019 15:11
 Operator : JU/SJ
 Sample : K1139-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Jan 18 05:40:17 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

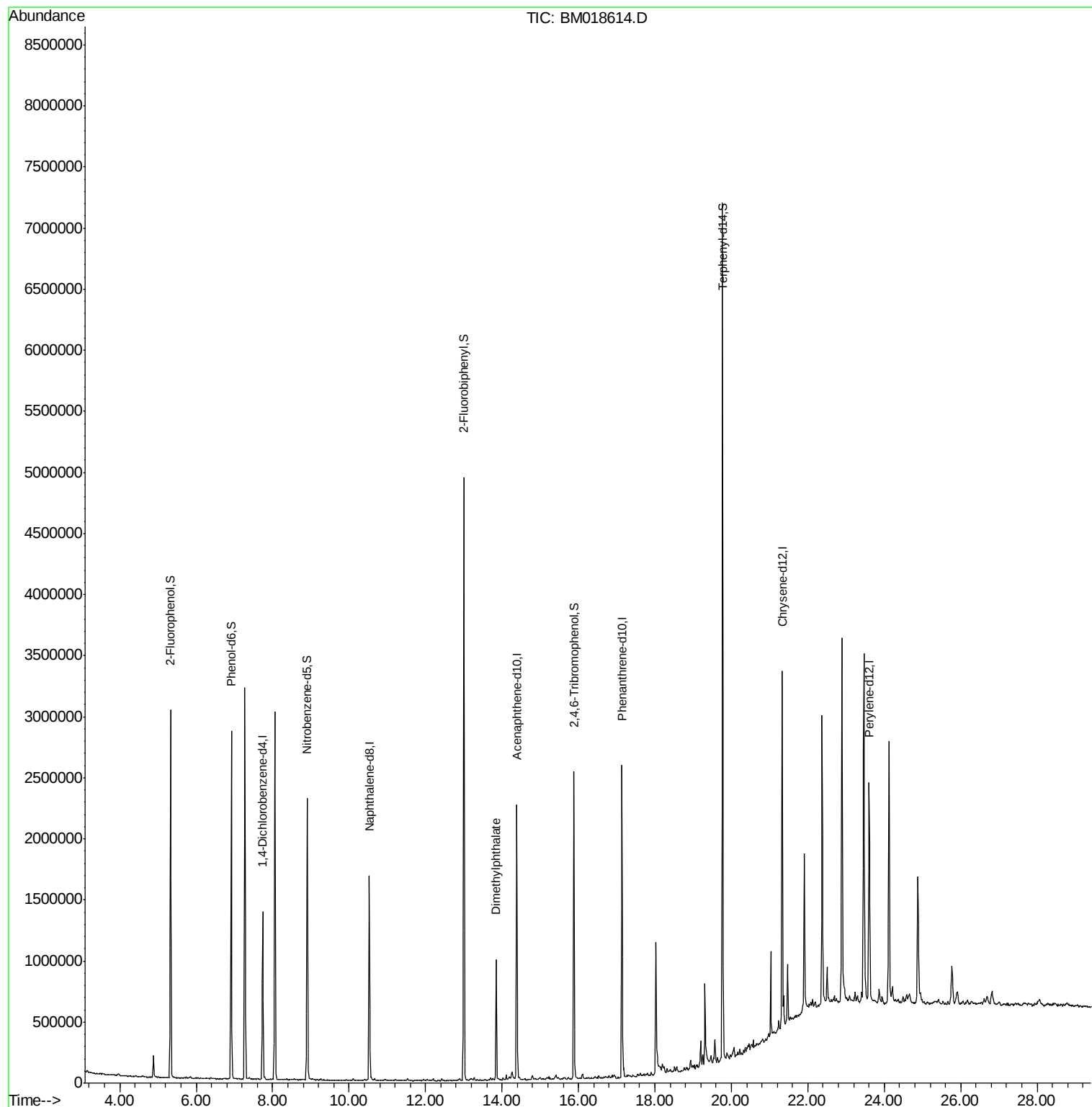
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	365700	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1421854	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	744893	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1499545	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1336565	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1307127	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1245796	62.90	ng	-0.02
7) Phenol-d6	6.92	99	1584372	62.98	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1274562	51.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	435465	45.91	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	2541799	44.53	ng	-0.02
79) Terphenyl-d14	19.77	244	3240514	51.11	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.85	163	634328	10.369	ng	98

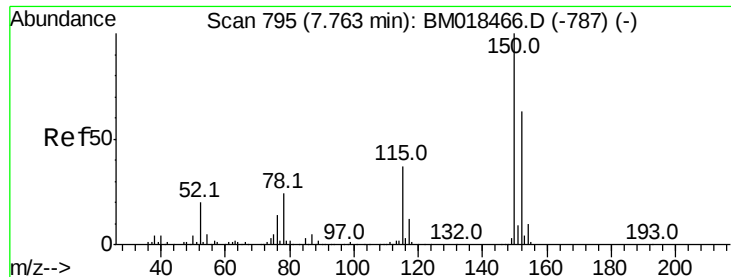
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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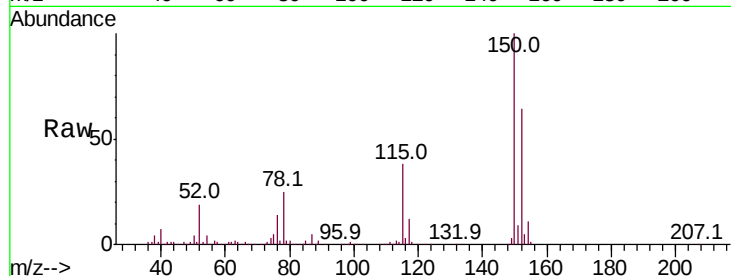


#1

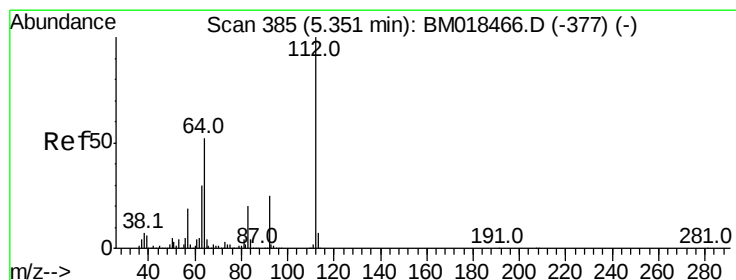
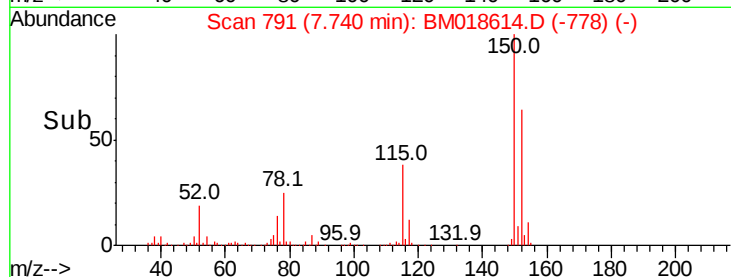
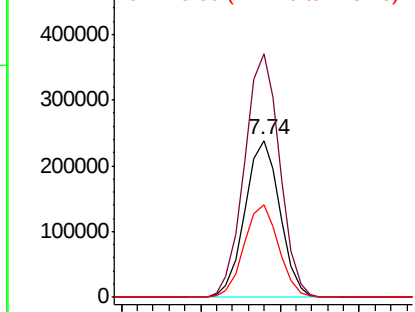
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018614.D
Acq: 17 Jan 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S-2

Tot Ion:152 Resp: 365700
Ion Ratio Lower Upper
152 100
150 155.2 126.9 190.3
115 59.3 45.5 68.3



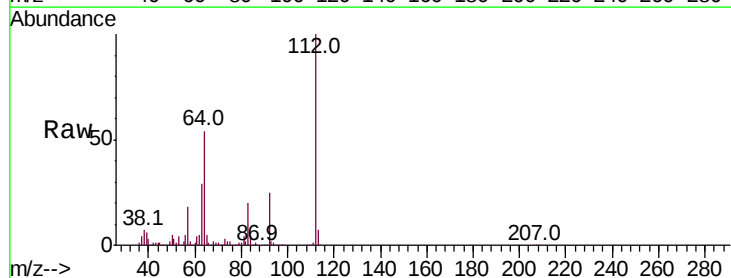
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



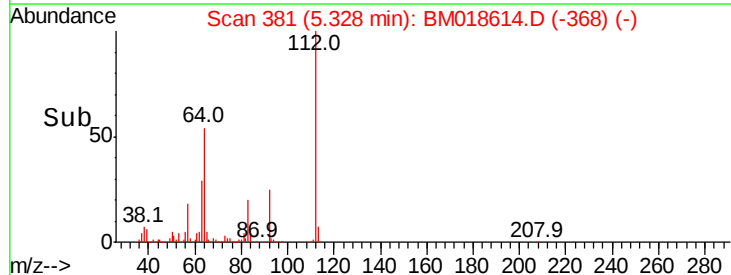
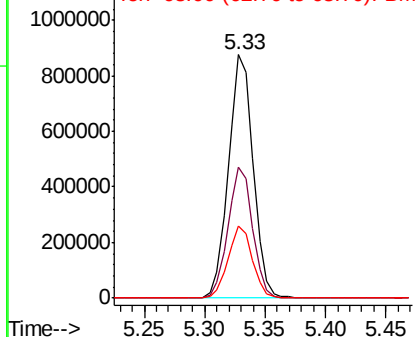
#5

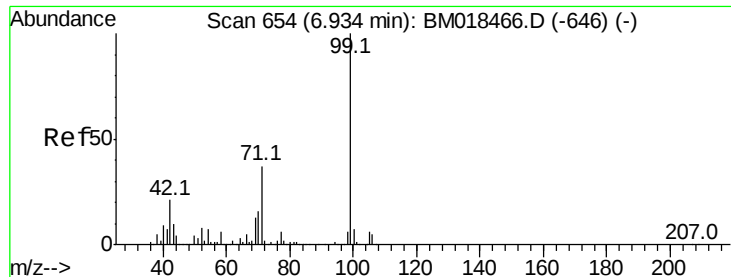
2-Fluorophenol
Concen: 62.903 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018614.D
Acq: 17 Jan 2019 15:11

Tgt Ion:112 Resp: 1245796
Ion Ratio Lower Upper
112 100
64 53.8 46.5 69.7
63 29.4 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: 62.985 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018614.D

Acq: 17 Jan 2019 15:11

Instrument :

BNA_M

ClientSampled :

S-2

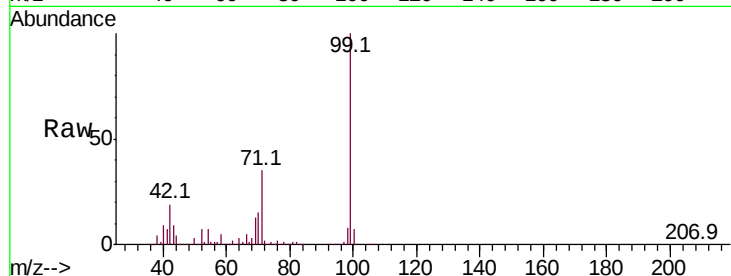
Tot Ion: 99 Resp: 1584372

Ion Ratio Lower Upper

99 100

42 18.9 17.3 25.9

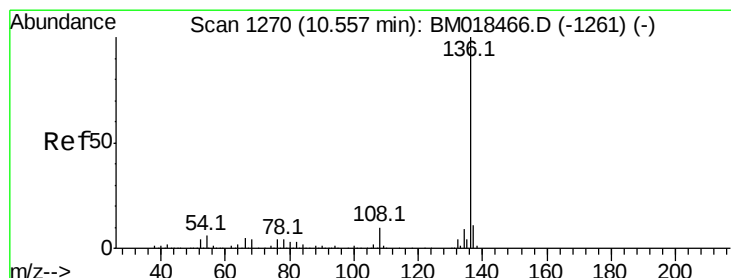
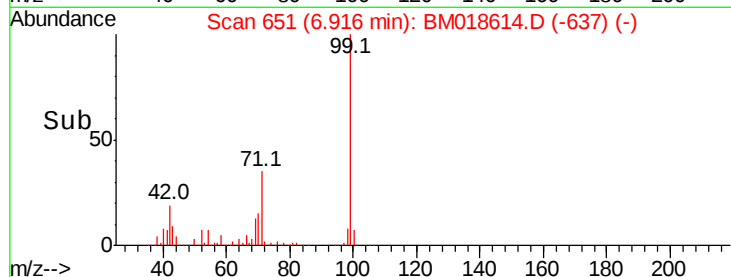
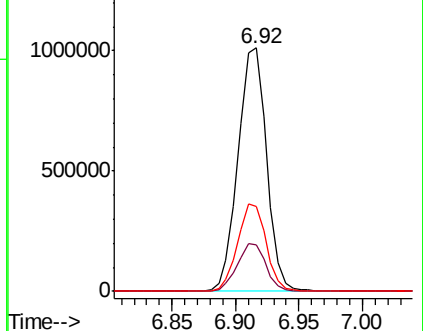
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018614.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018614.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018614.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018614.D

Acq: 17 Jan 2019 15:11

Tgt Ion: 136 Resp: 1421854

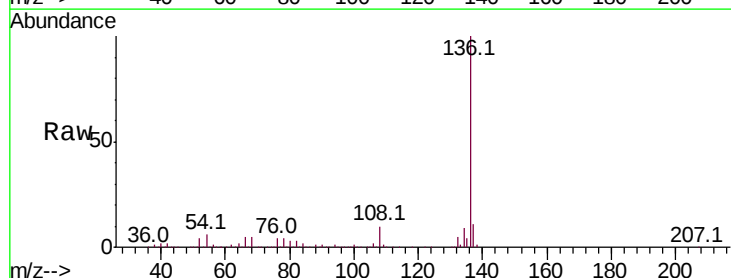
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.4 6.0 9.0

68 4.6 4.5 6.7

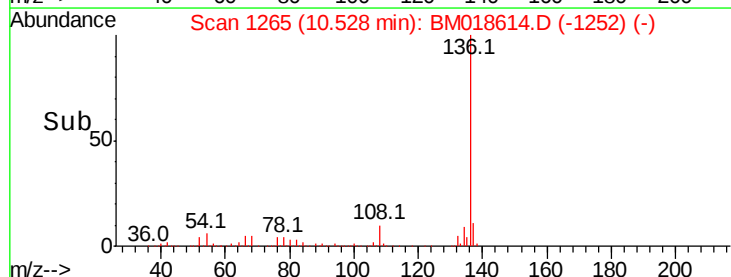
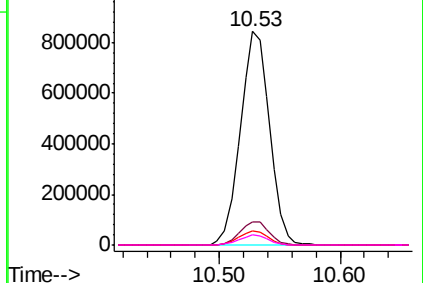


Abundance Ion 136.00 (135.70 to 136.70): BM018614.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018614.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018614.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018614.D (-1252) (-)

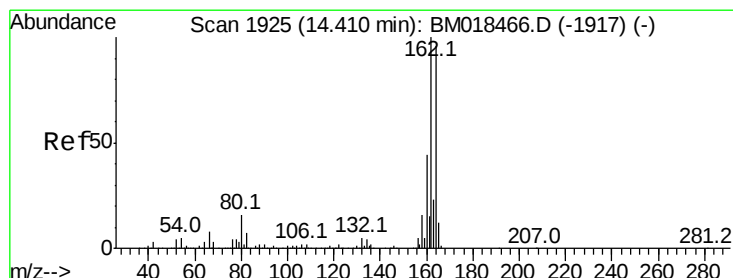
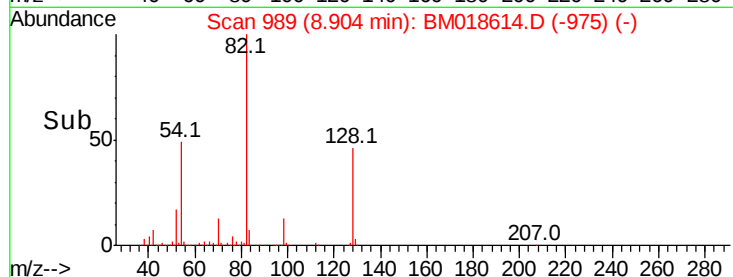
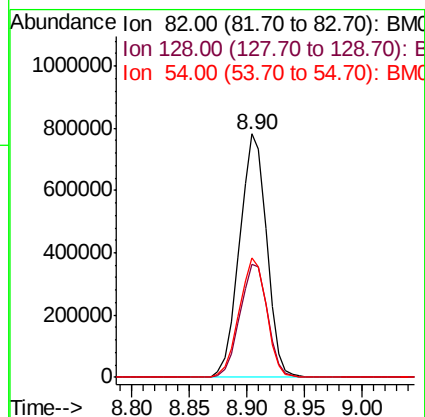
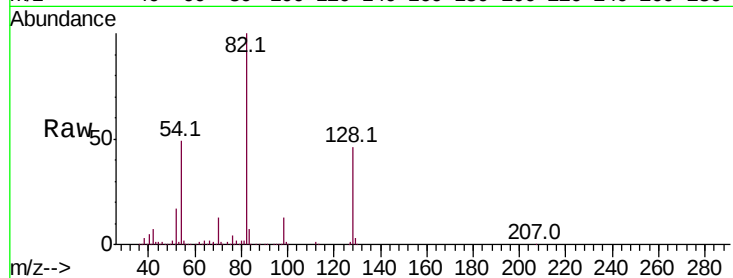




#23
 Nitrobenzene-d5
 Concen: 51.966 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM018614.D
 Acq: 17 Jan 2019 15:11

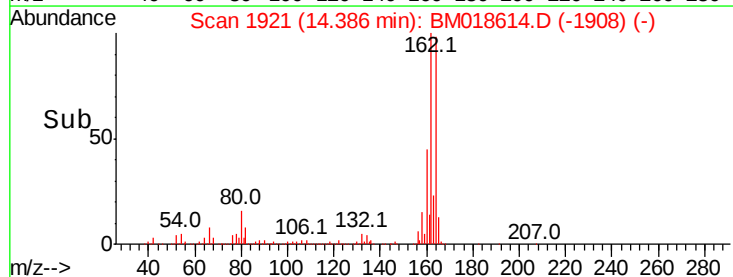
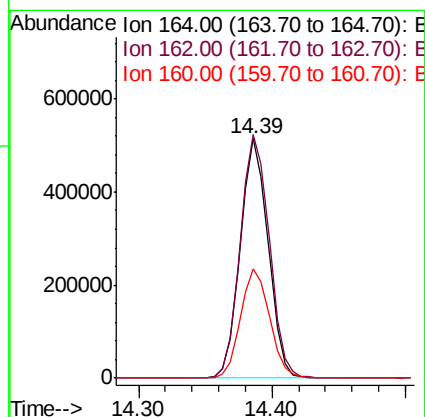
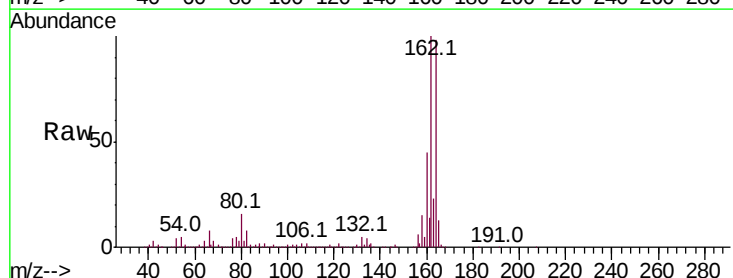
Instrument :
 BNA_M
 ClientSampled :
 S-2

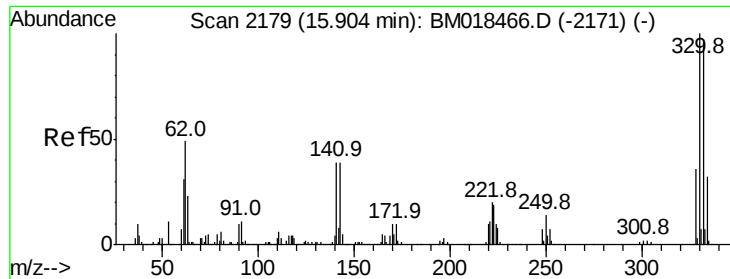
Tot Ion: 82 Resp: 1274562
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 49.1 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BM018614.D
 Acq: 17 Jan 2019 15:11

Tgt Ion: 164 Resp: 744893
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.0 124.4
 160 45.8 37.1 55.7

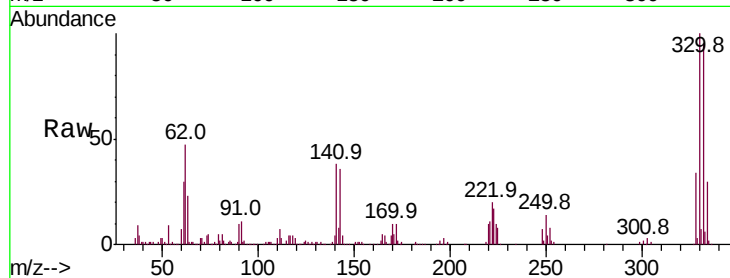




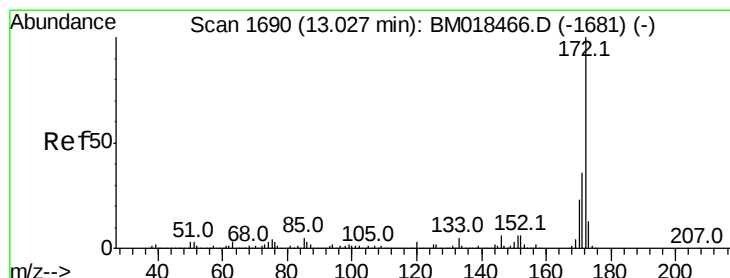
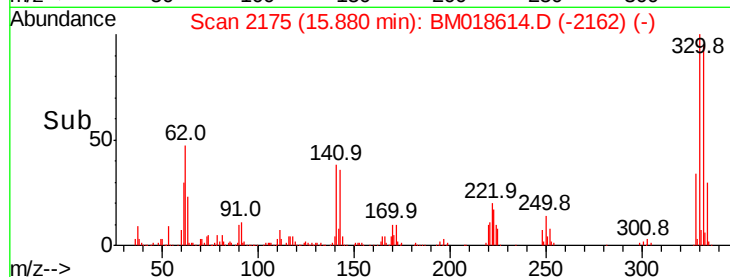
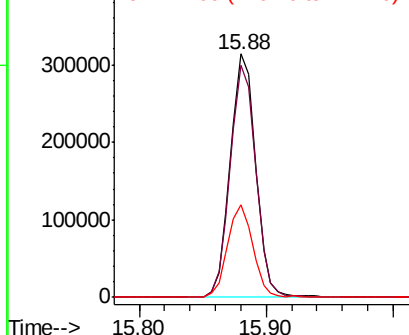
#42
 2,4,6-Tribromophenol
 Concen: 45.913 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BM018614.D
 Acq: 17 Jan 2019 15:11

Instrument :
 BNA_M
 ClientSampled :
 S-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	38.1	31.7	47.5

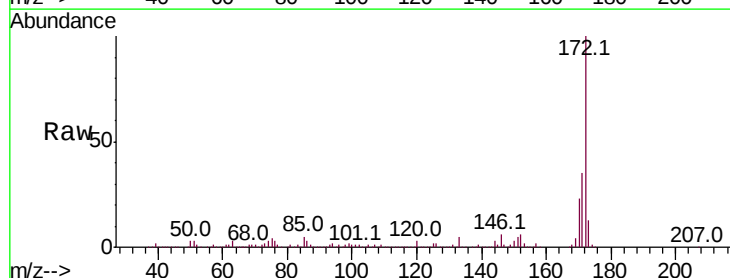


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

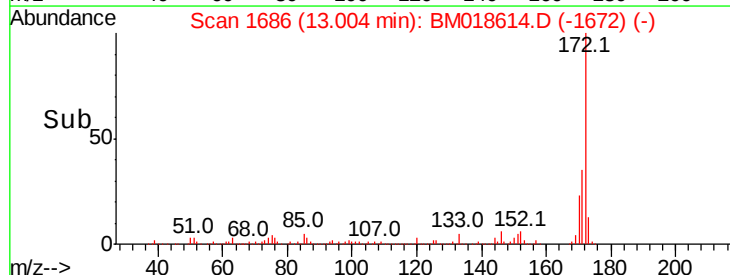
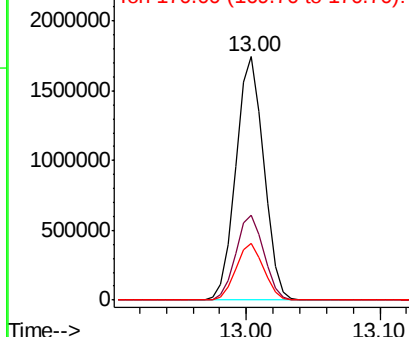


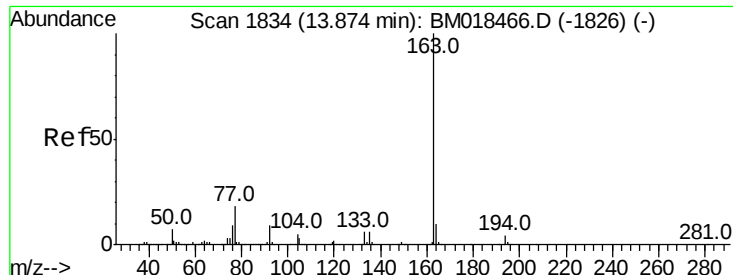
#45
 2-Fluorobiphenyl
 Concen: 44.526 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018614.D
 Acq: 17 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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

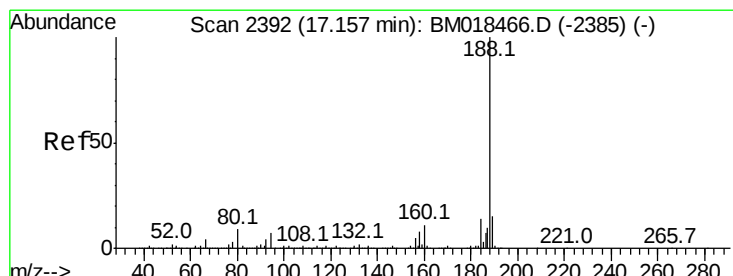
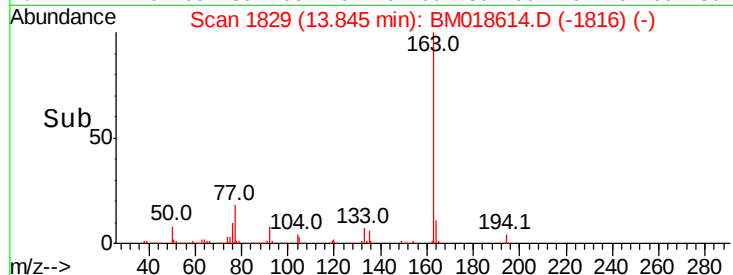
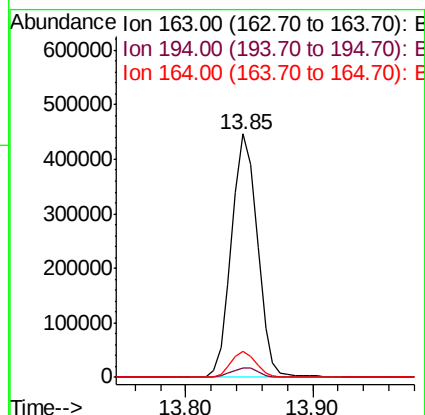
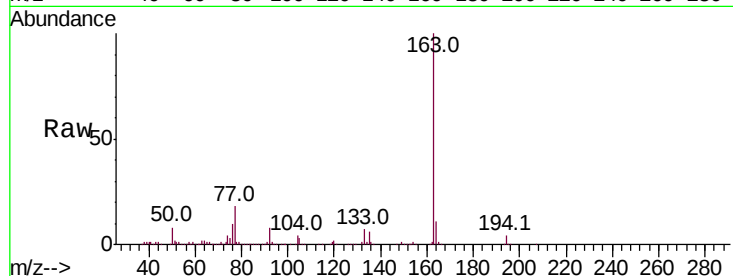




#50
Dimethylphthalate
Concen: 10.369 ng
RT: 13.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018614.D
Acq: 17 Jan 2019 15:11

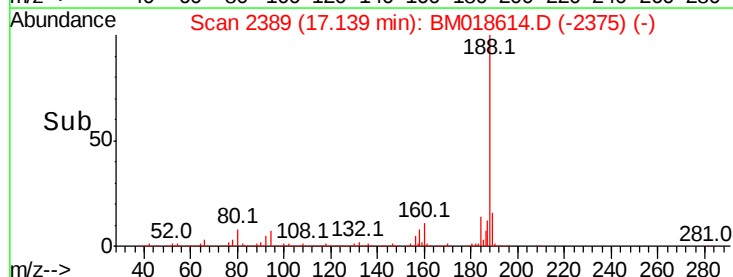
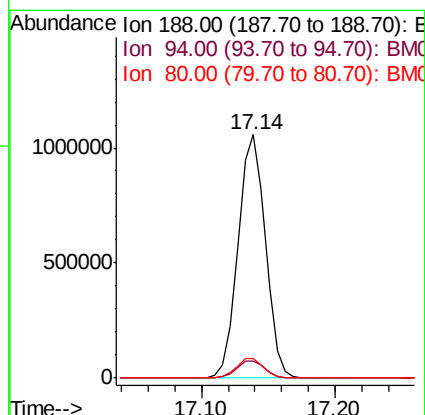
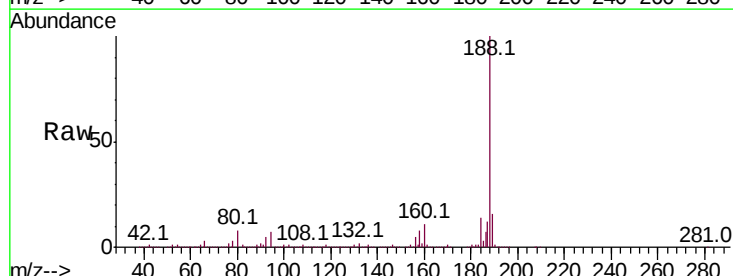
Instrument :
BNA_M
ClientSampleId :
S-2

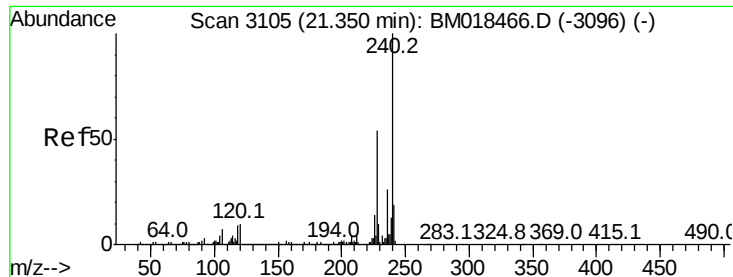
Tot Ion:163 Resp: 634328
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.6 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018614.D
Acq: 17 Jan 2019 15:11

Tgt Ion:188 Resp: 1499545
Ion Ratio Lower Upper
188 100
94 7.0 7.1 10.7#
80 7.9 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018614.D

Acq: 17 Jan 2019 15:11

Instrument :

BNA_M

ClientSampled :

S-2

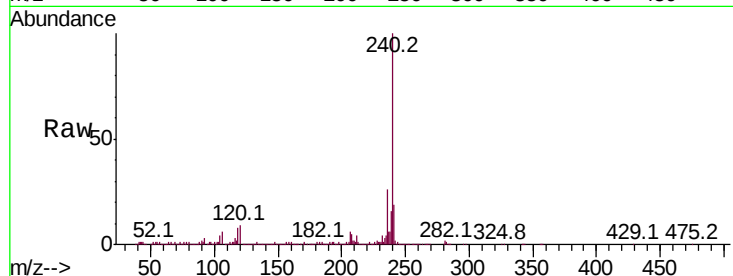
Tot Ion:240 Resp: 1336565

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

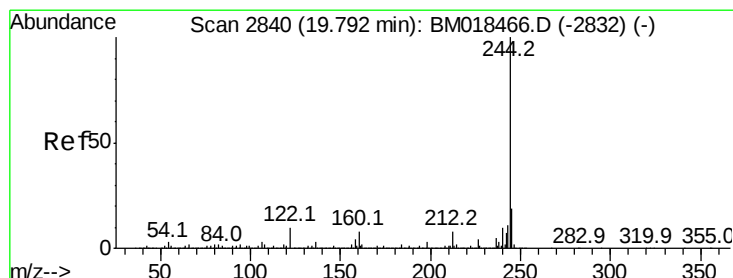
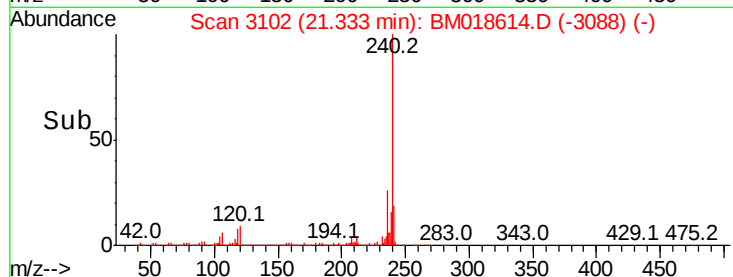
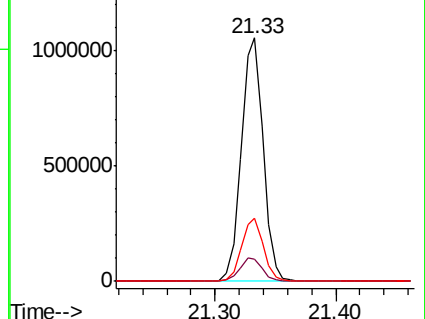
236 25.8 20.7 31.1



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: 51.109 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018614.D

Acq: 17 Jan 2019 15:11

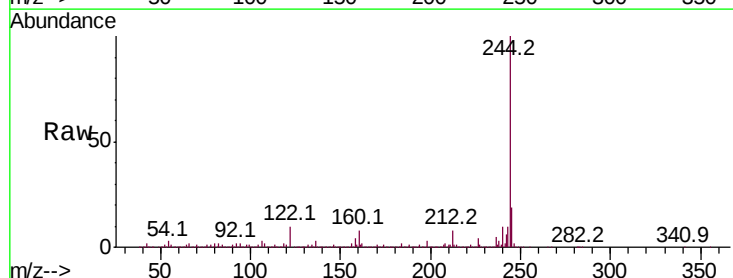
Tgt Ion:244 Resp: 3240514

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

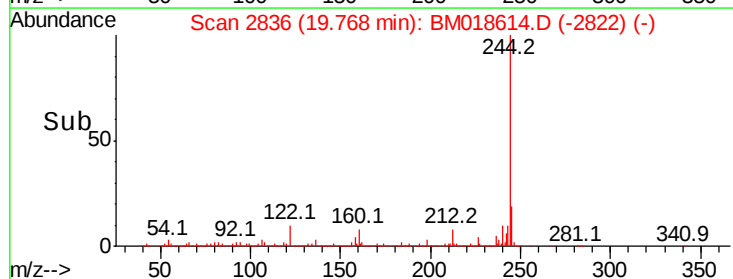
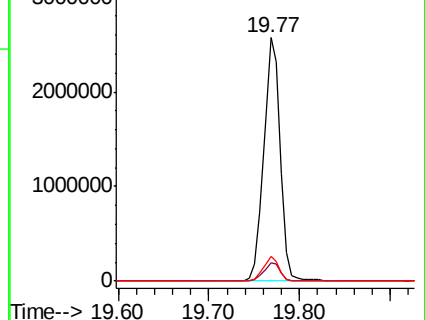
122 10.2 9.0 13.4

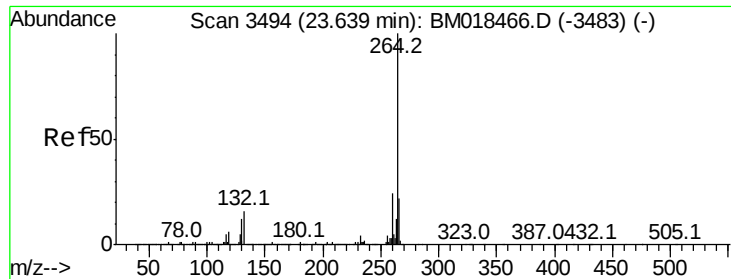


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



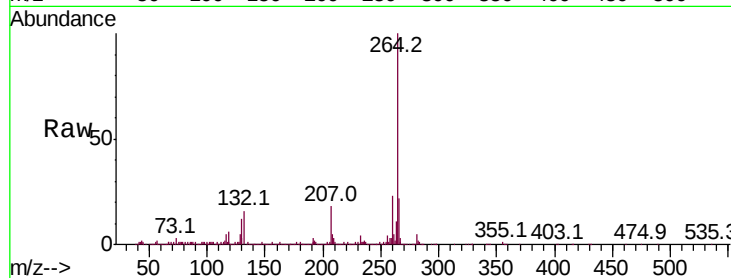


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3488
 Delta R.T. -0.03 min
 Lab File: BM018614.D
 Acq: 17 Jan 2019 15:11

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Tot Ion: 264 Resp: 1307127

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.1	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

