

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018496.D
 Acq On : 10 Jan 2019 06:21
 Operator : JU/SJ
 Sample : K1008-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-010819

Quant Time: Jan 10 08:22:23 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

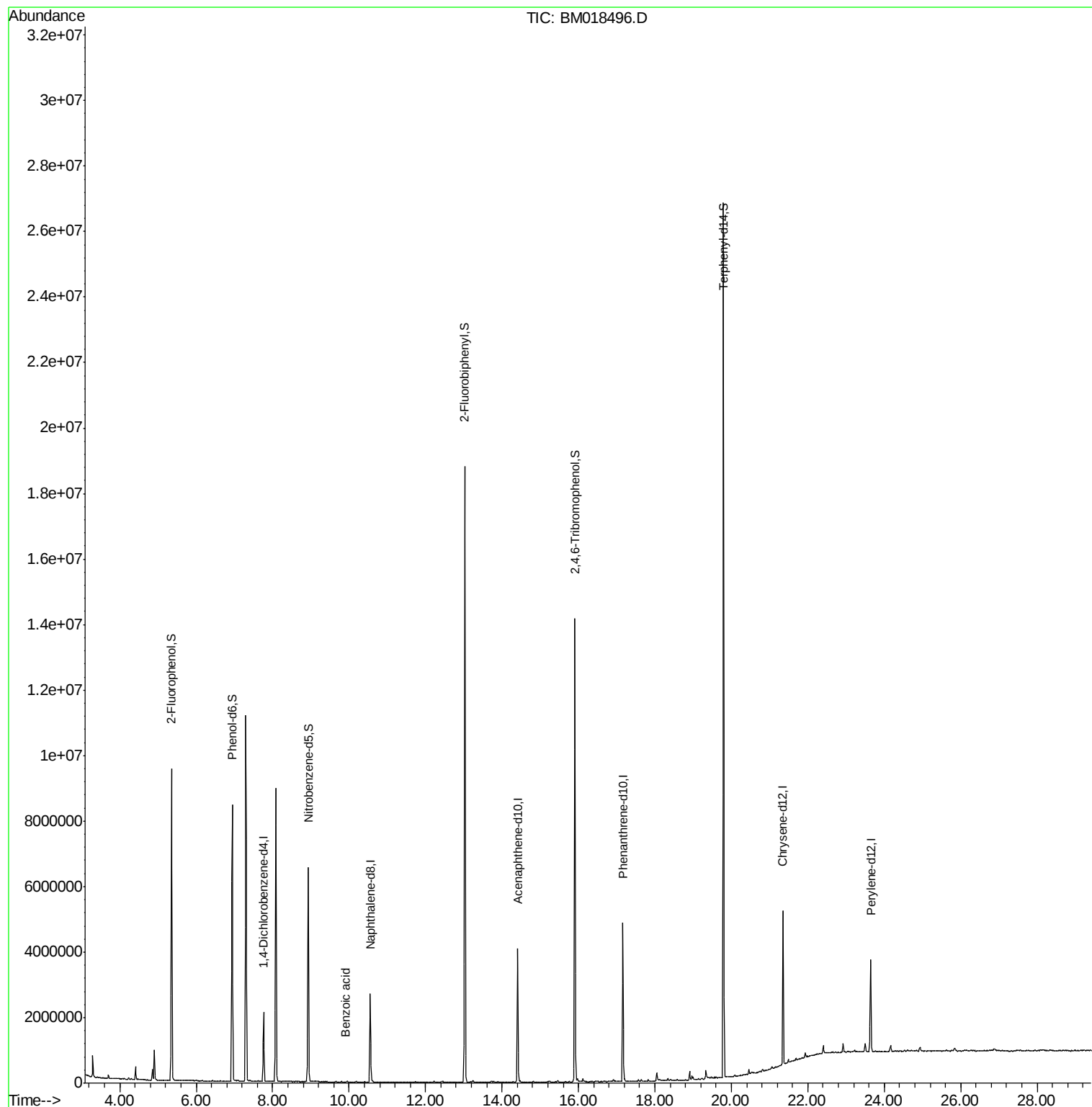
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	554779	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2312978	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1330869	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2874194	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2104029	20.00	ng	0.00
87) Perylene-d12	23.64	264	2048617	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3994330	132.94	ng	0.00
7) Phenol-d6	6.95	99	4726049	123.85	ng	0.01
23) Nitrobenzene-d5	8.93	82	3692508	92.55	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2561855	151.18	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9555836	93.69	ng	0.00
79) Terphenyl-d14	19.79	244	11431786	114.54	ng	0.00
Target Compounds						
32) Benzoic acid	9.90	122	145	6.509	ng	Qvalue # 1

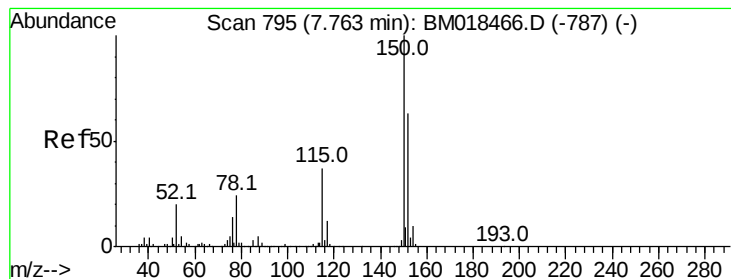
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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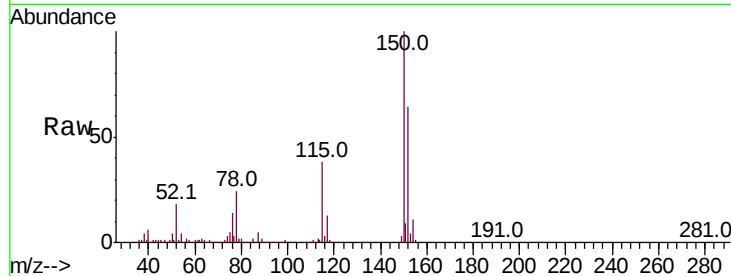


#1

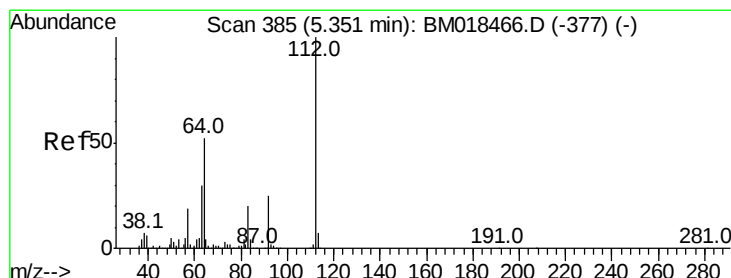
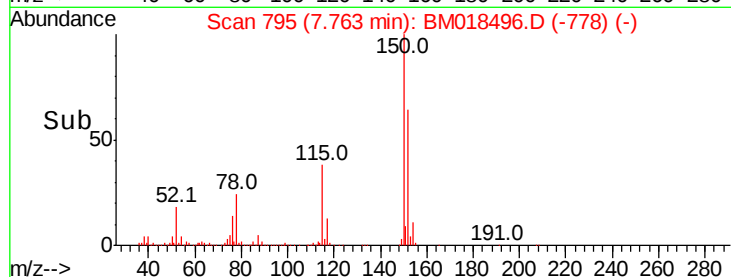
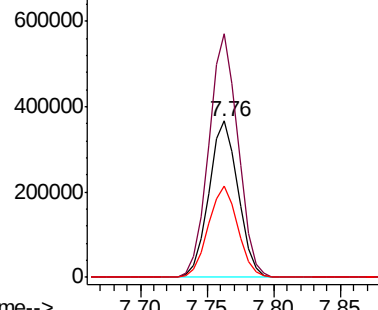
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.9	190.3
115	58.9	45.5	68.3



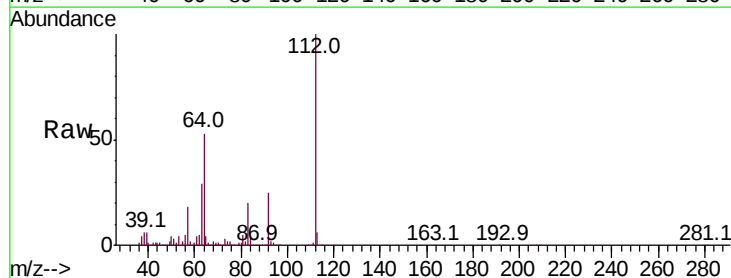
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



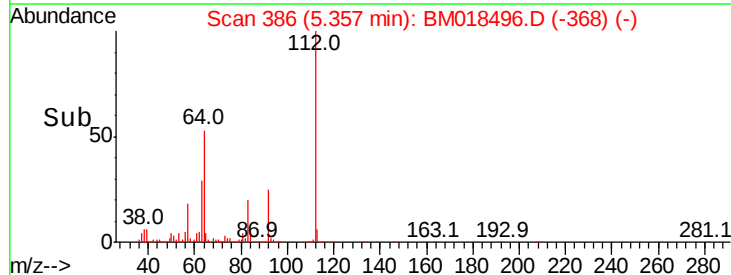
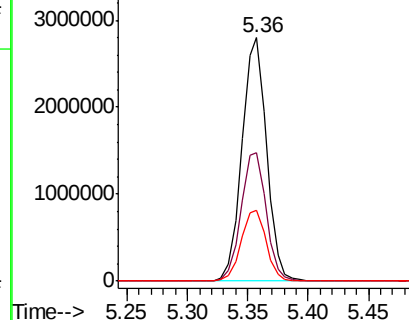
#5

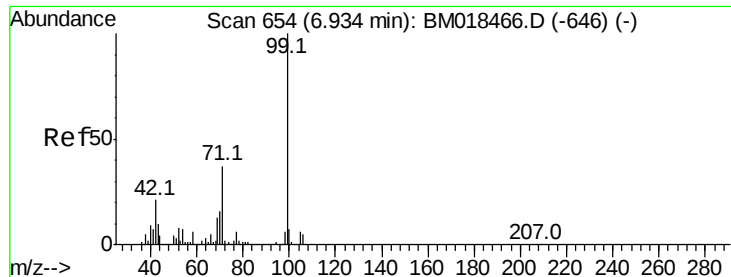
2-Fluorophenol
Concen: 132.945 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.5	69.7
63	29.1	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: 123.846 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018496.D

Acq: 10 Jan 2019 06:21

Instrument :

BNA_M

ClientSampleId :

HD-02-010819

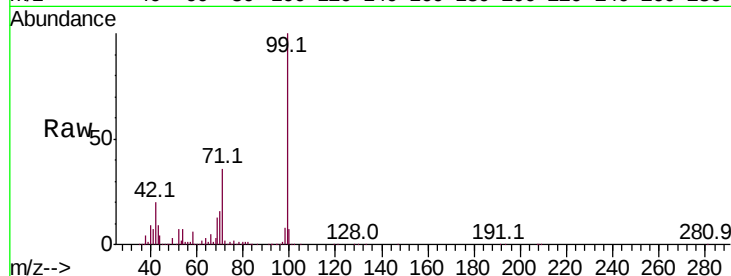
Tot Ion: 99 Resp: 4726049

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

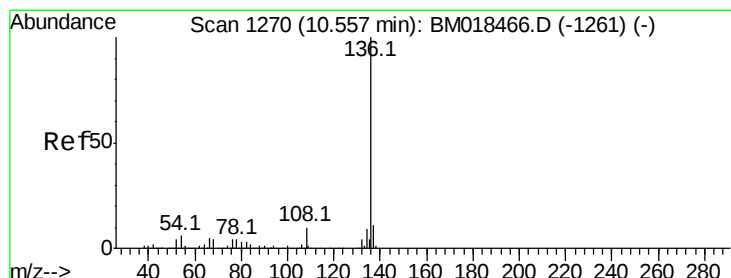
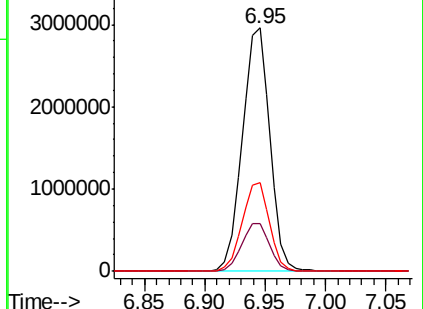
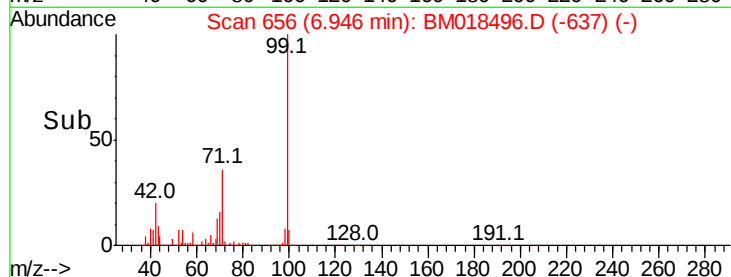
71 36.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018496.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018496.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018496.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BM018496.D

Acq: 10 Jan 2019 06:21

Tgt Ion:136 Resp: 2312978

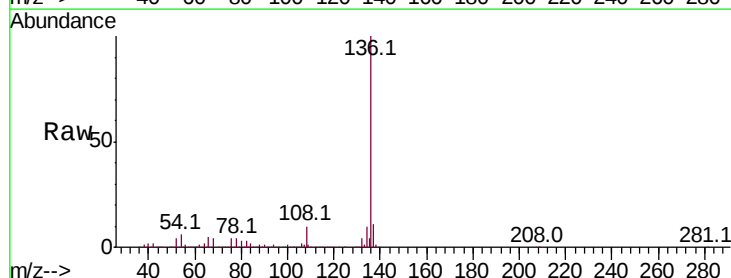
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 6.0 9.0

68 4.1 4.5 6.7#

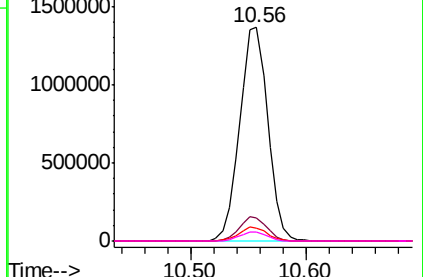
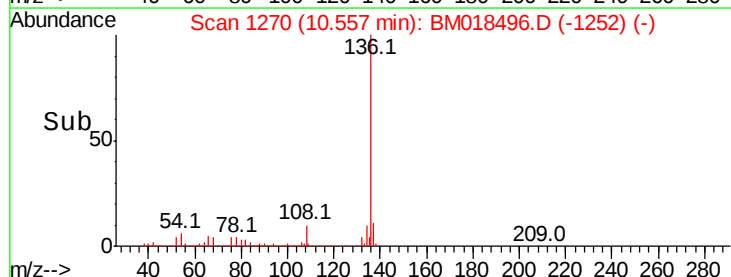


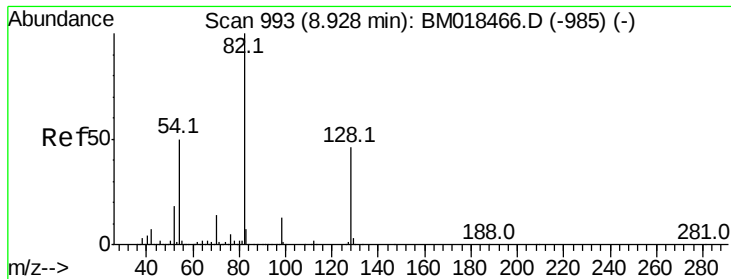
Abundance Ion 136.00 (135.70 to 136.70): BM018496.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018496.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018496.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018496.D (-1252) (-)

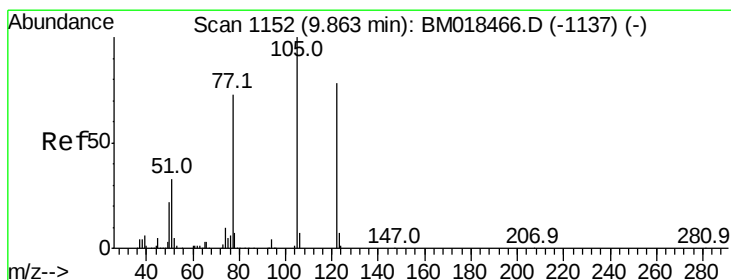
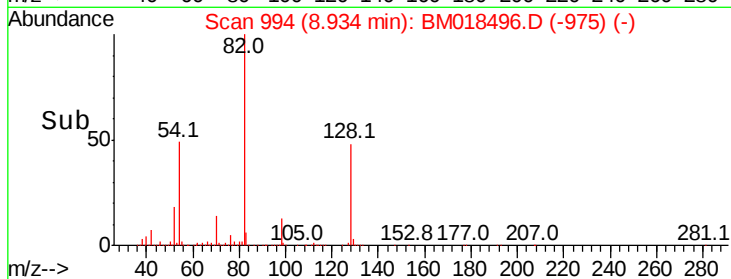
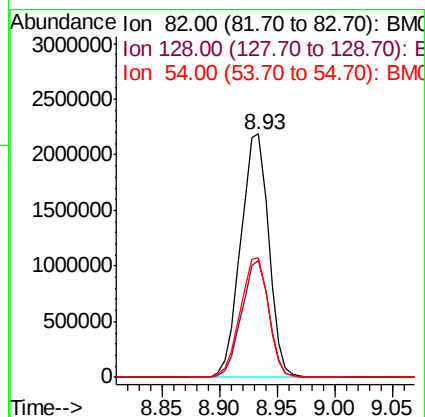
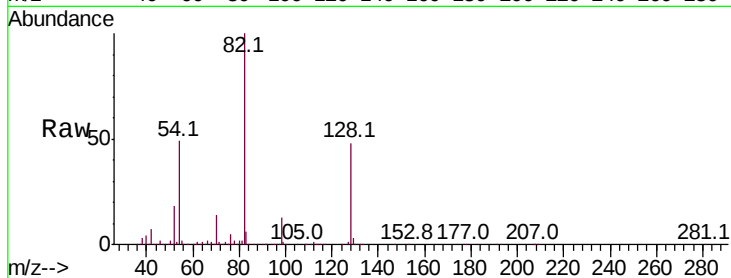




#23
Nitrobenzene-d5
Concen: 92.547 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

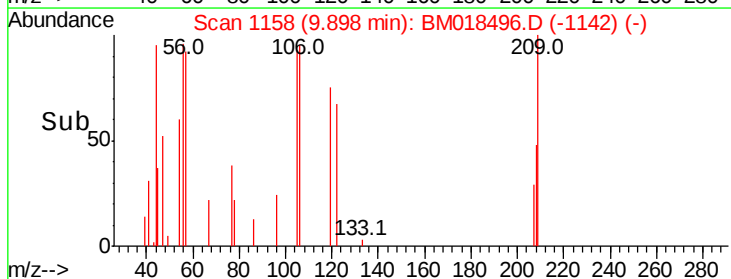
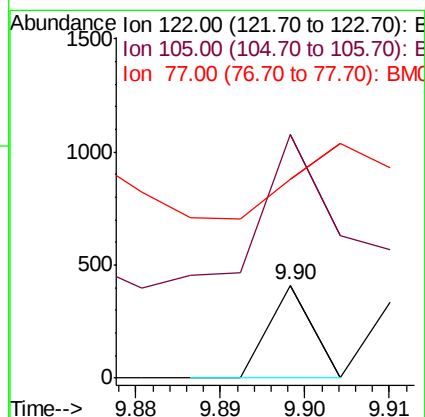
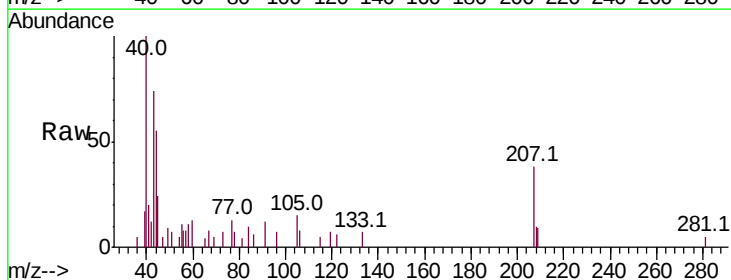
Instrument :
BNA_M
ClientSampleId :
HD-02-010819

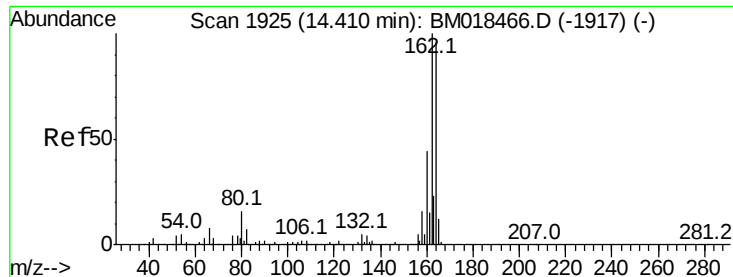
Tot Ion: 82 Resp: 3692508
Ion Ratio Lower Upper
82 100
128 48.1 36.3 54.5
54 48.9 41.7 62.5



#32
Benzoic acid
Concen: 6.509 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

Tgt Ion: 122 Resp: 145
Ion Ratio Lower Upper
122 100
105 262.0 100.4 140.4#
77 213.6 71.7 111.7#

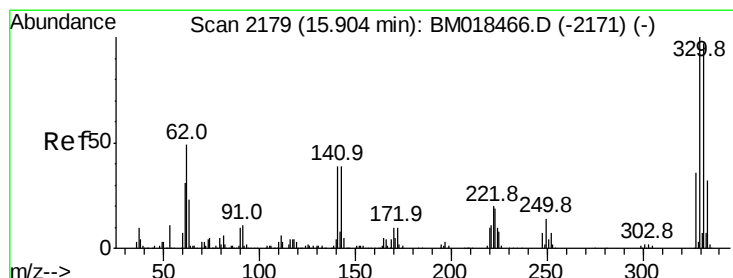
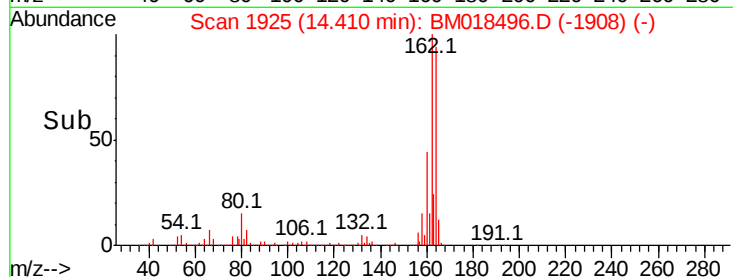
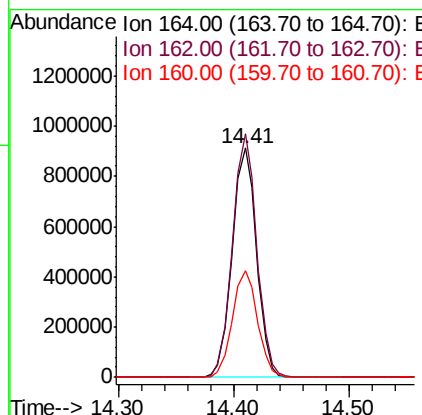
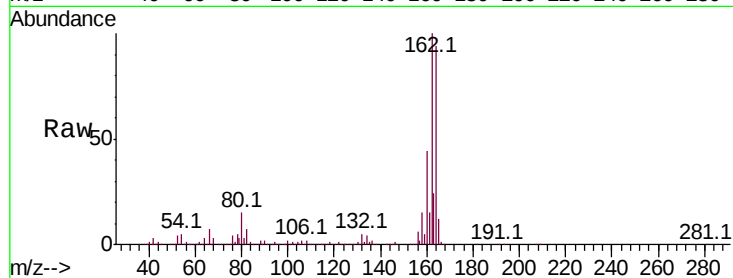




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

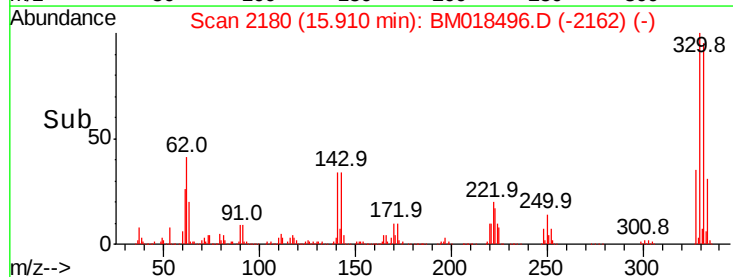
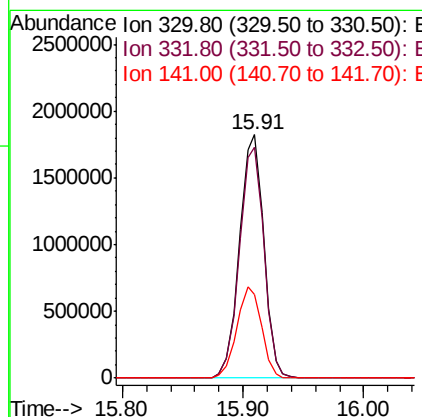
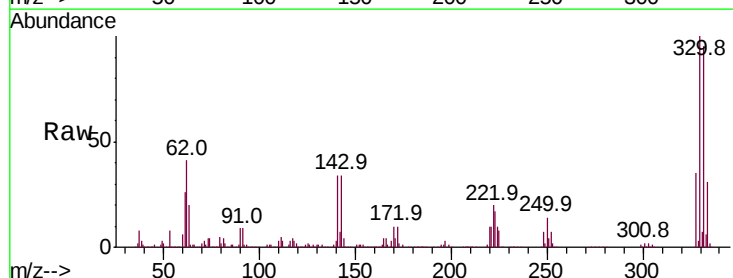
Instrument :
BNA_M
ClientSampleId :
HD-02-010819

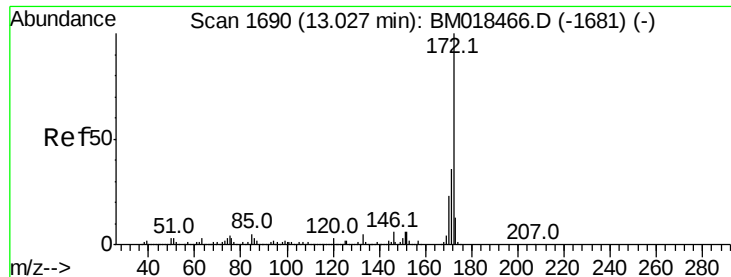
Tot Ion:164 Resp: 1330869
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.4
160 46.6 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 151.180 ng
RT: 15.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM018496.D
Acq: 10 Jan 2019 06:21

Tgt Ion:330 Resp: 2561855
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 38.2 31.7 47.5



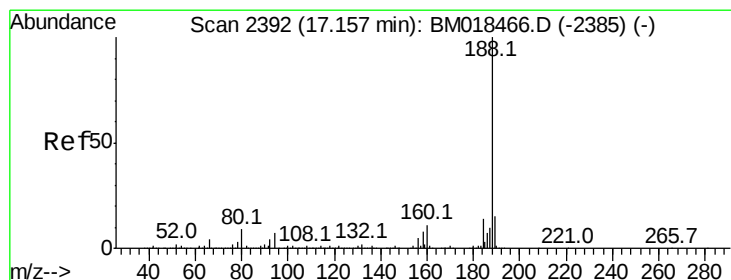
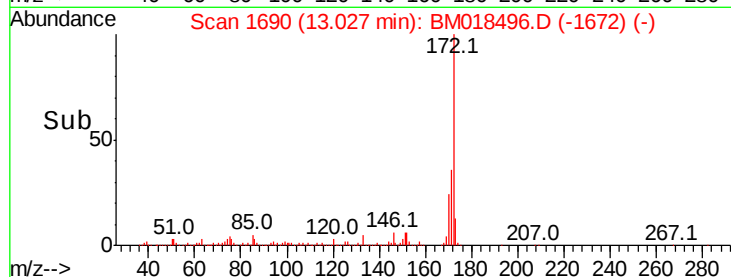
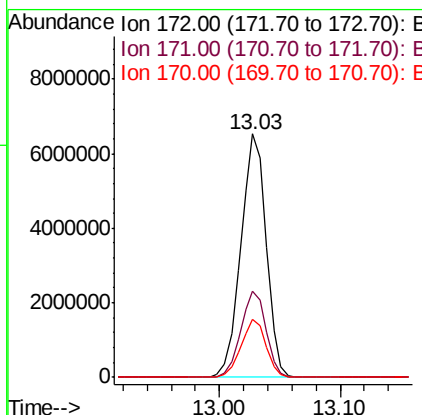
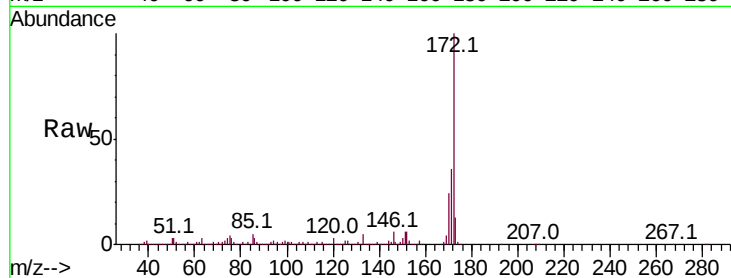


#45
 2-Fluorobiphenyl
 Concen: 93.691 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018496.D
 Acq: 10 Jan 2019 06:21

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-010819

Tot Ion:172 Resp: 9555836

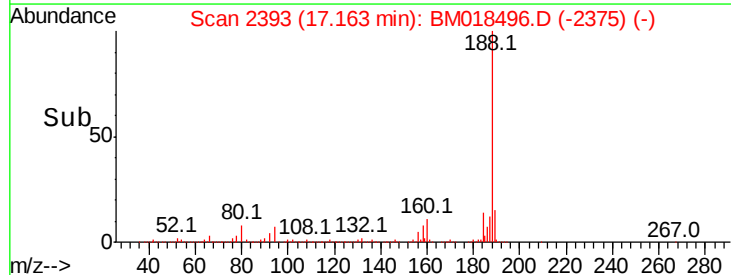
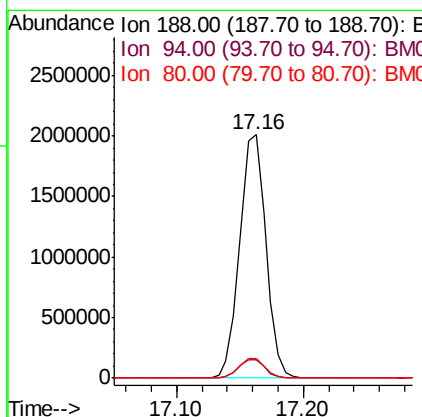
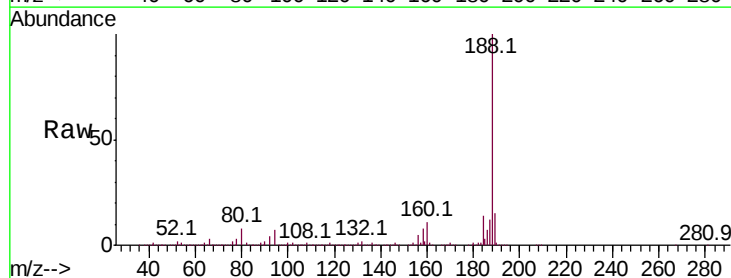
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.6	18.9	28.3

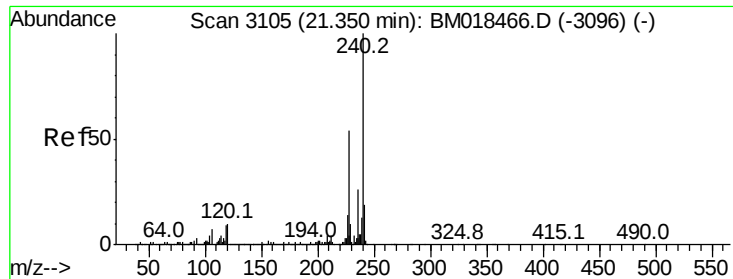


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM018496.D
 Acq: 10 Jan 2019 06:21

Tgt Ion:188 Resp: 2874194

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.0	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018496.D

Acq: 10 Jan 2019 06:21

Instrument :

BNA_M

ClientSampleId :

HD-02-010819

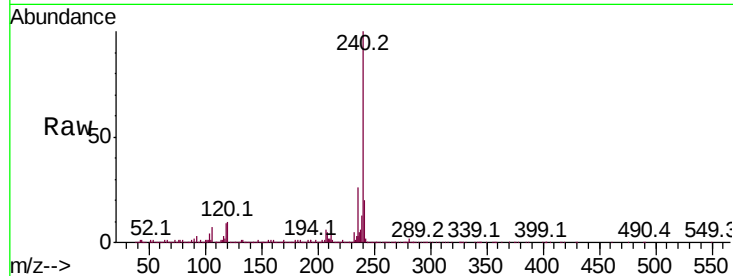
Tot Ion:240 Resp: 2104029

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

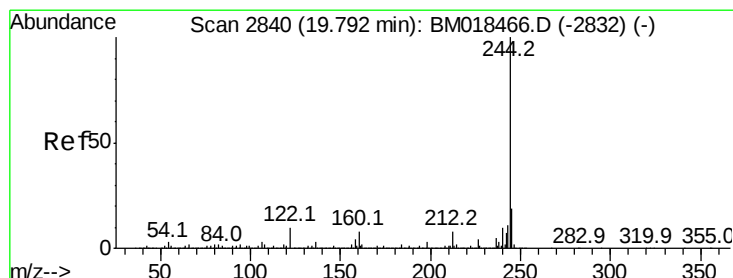
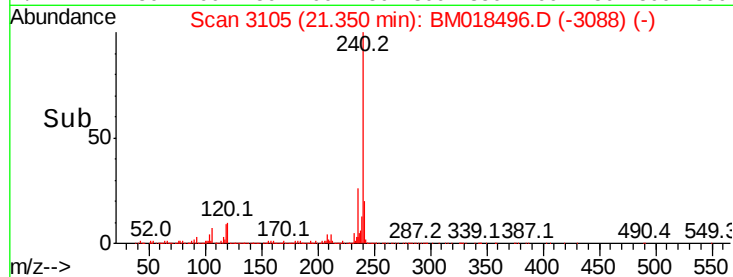
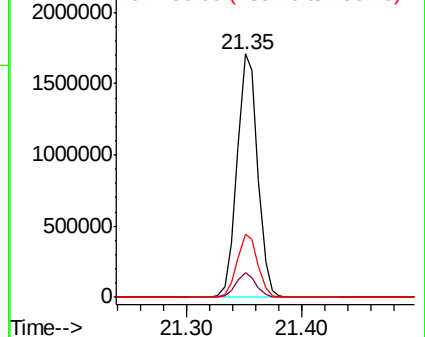
236 25.8 20.7 31.1



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: 114.535 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018496.D

Acq: 10 Jan 2019 06:21

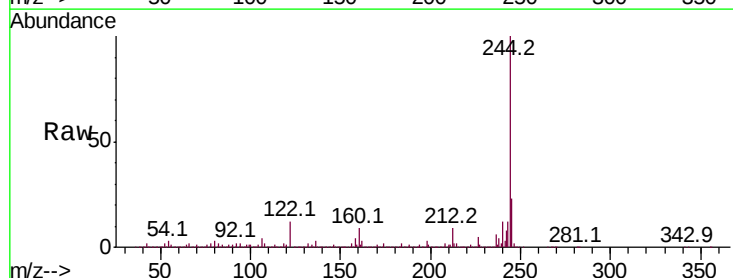
Tgt Ion:244 Resp:11431786

Ion Ratio Lower Upper

244 100

212 9.2 5.9 8.9#

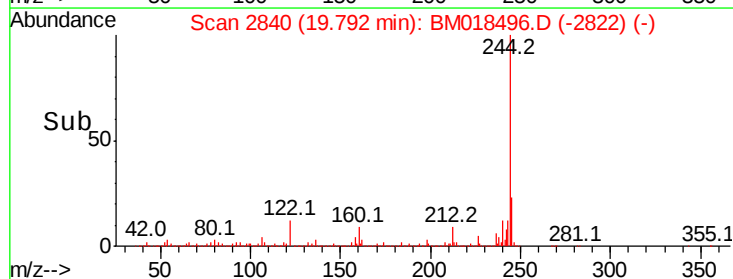
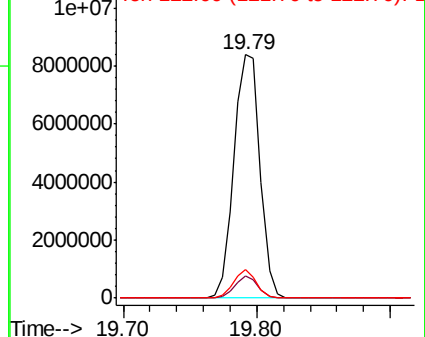
122 11.6 9.0 13.4

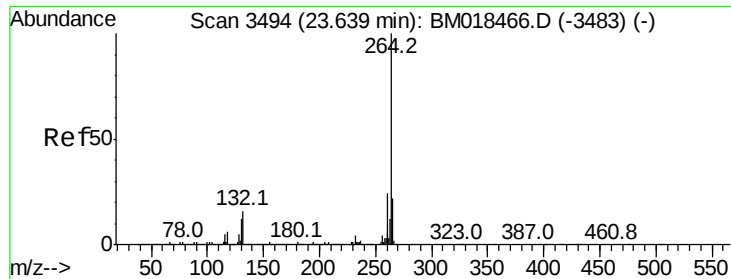


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018496.D

Acq: 10 Jan 2019 06:21

Instrument :

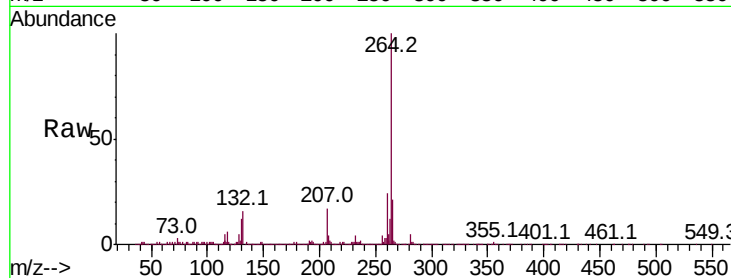
BNA_M

ClientSampleId :

HD-02-010819

Tot Ion:264 Resp: 2048617

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.2	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

