

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018498.D
 Acq On : 10 Jan 2019 07:33
 Operator : JU/SJ
 Sample : K1082-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Quant Time: Jan 10 08:22:42 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

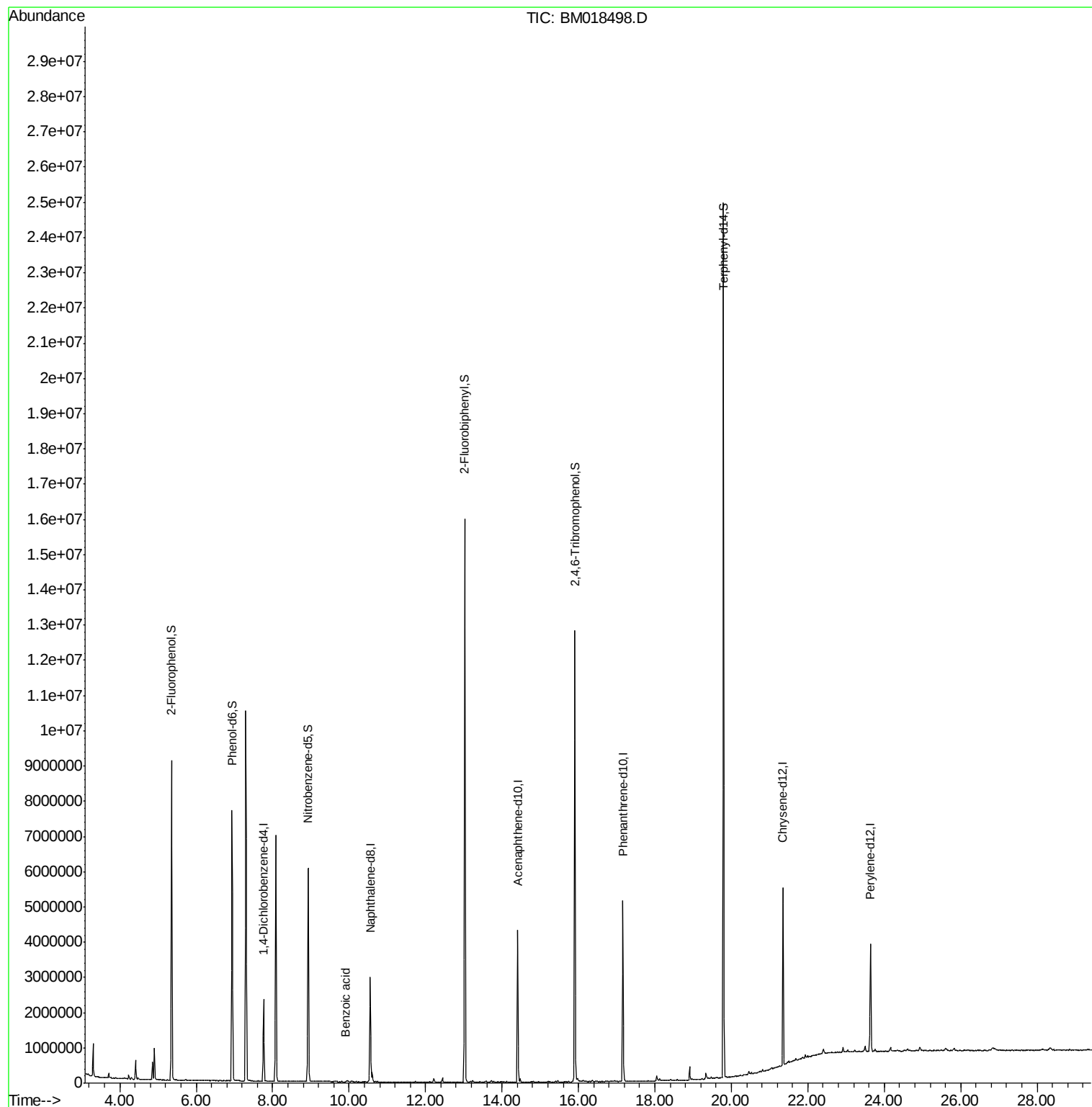
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	617586	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2530981	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1421702	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2955670	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2272124	20.00	ng	0.00
87) Perylene-d12	23.64	264	2258910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3733109	111.61	ng	0.00
7) Phenol-d6	6.95	99	4304455	101.33	ng	0.01
23) Nitrobenzene-d5	8.93	82	3431478	78.60	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2271798	125.50	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7971156	73.16	ng	0.00
79) Terphenyl-d14	19.79	244	10620284	98.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	260	Below Cal	#	42
32) Benzoic acid	9.90	122	127	6.507 ng	#	36

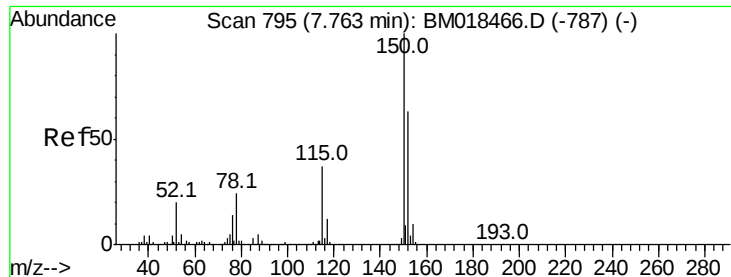
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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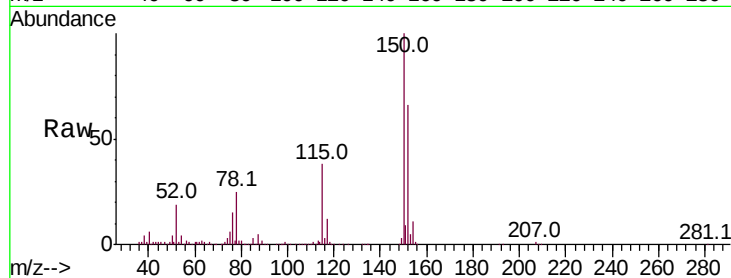


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Instrument :
BNA_M
ClientSampleId :
SP-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.9	190.3
115	58.1	45.5	68.3

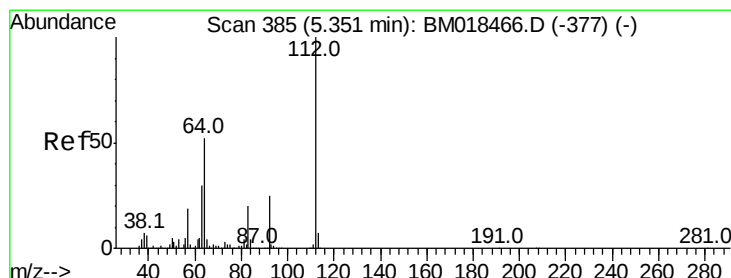
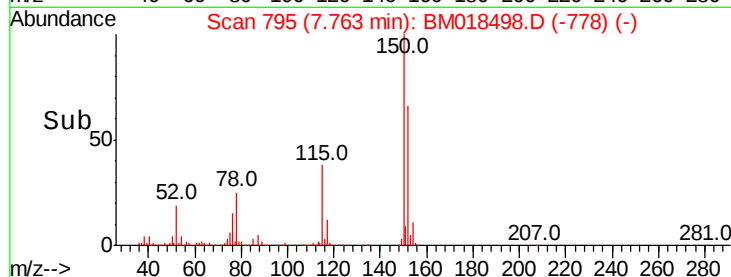
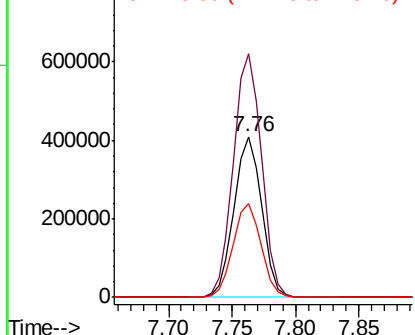


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

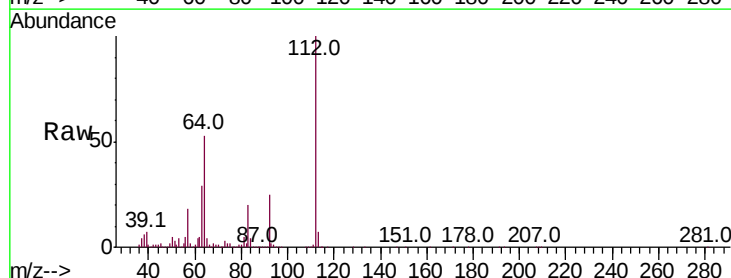
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.615 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.5	69.7
63	29.4	25.2	37.8

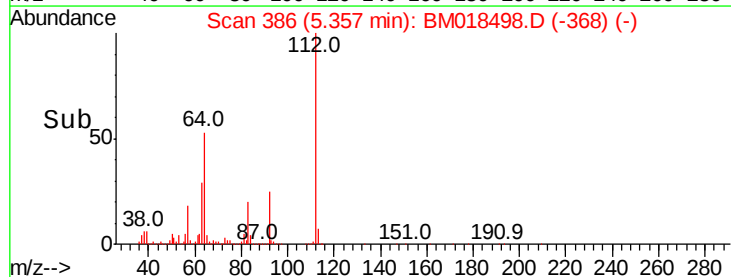
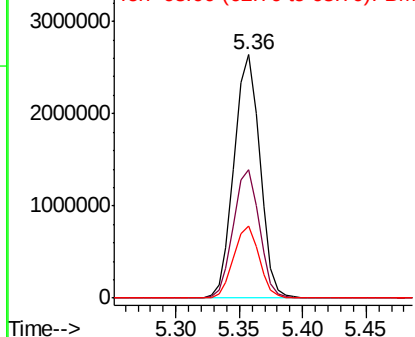


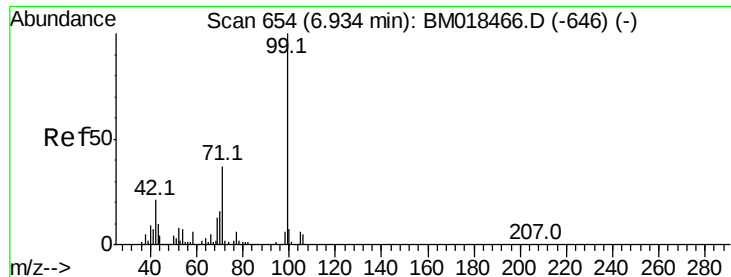
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 101.327 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018498.D

Acq: 10 Jan 2019 07:33

Instrument :

BNA_M

ClientSampleId :

SP-1-2

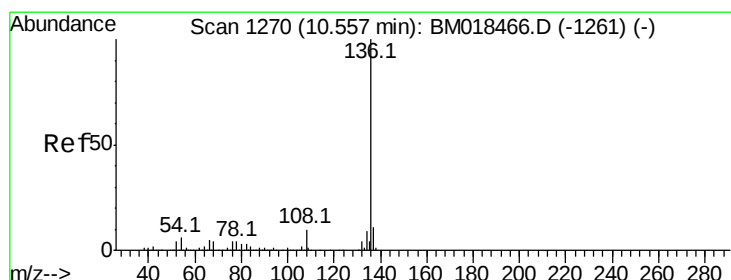
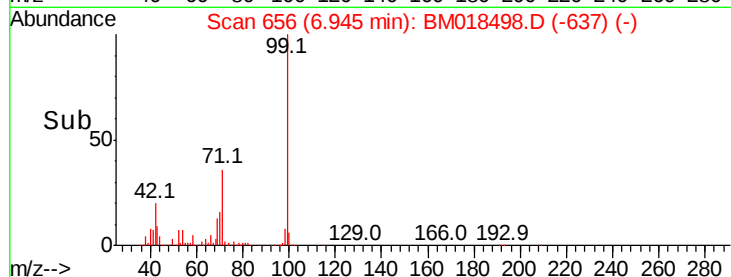
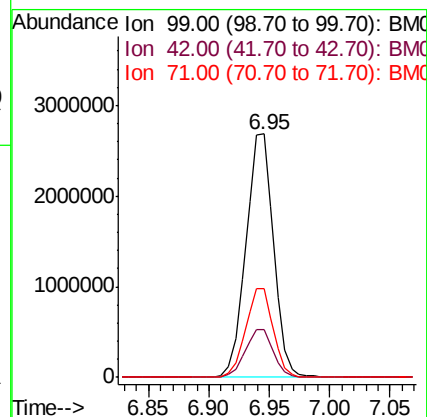
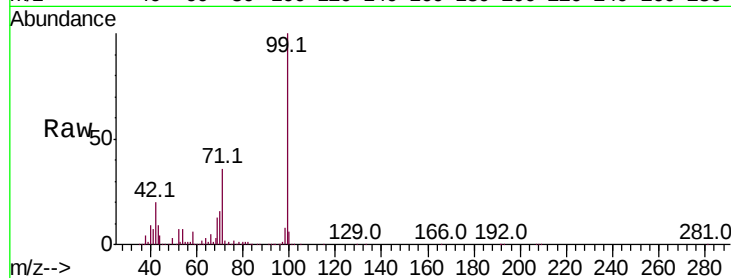
Tot Ion: 99 Resp: 4304455

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 36.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BM018498.D

Acq: 10 Jan 2019 07:33

Tgt Ion: 136 Resp: 2530981

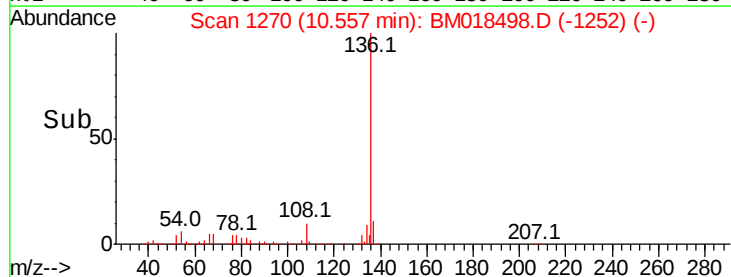
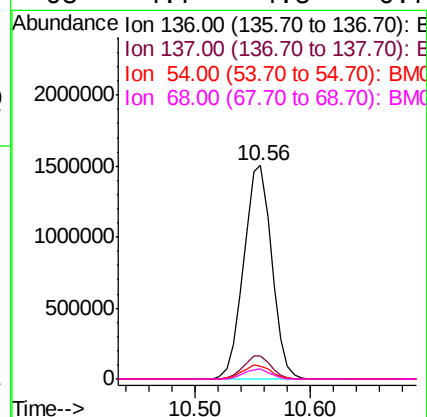
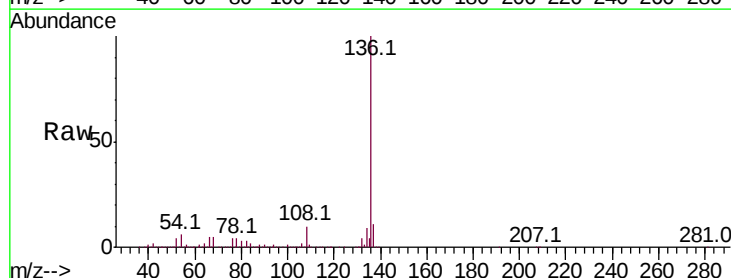
Ion Ratio Lower Upper

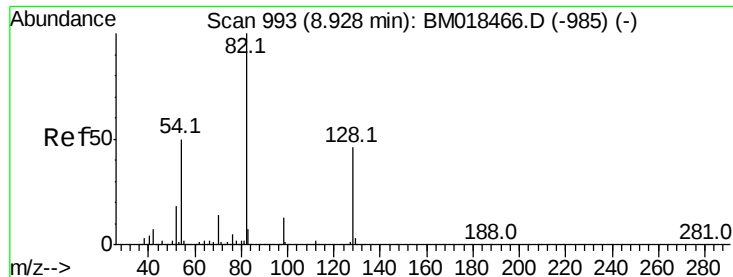
136 100

137 10.7 8.5 12.7

54 6.2 6.0 9.0

68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.596 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018498.D

Acq: 10 Jan 2019 07:33

Instrument :

BNA_M

ClientSampleId :

SP-1-2

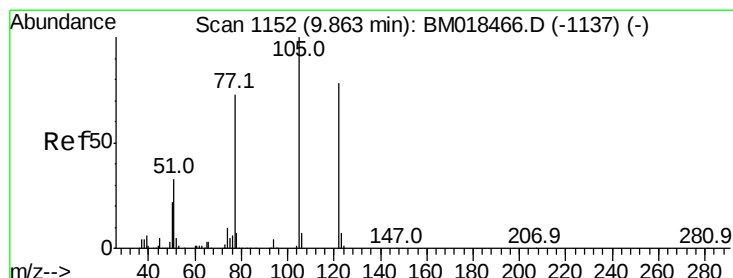
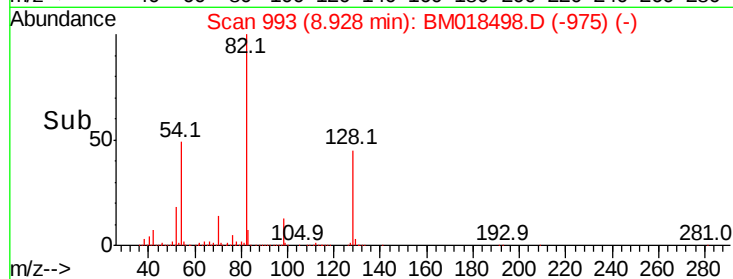
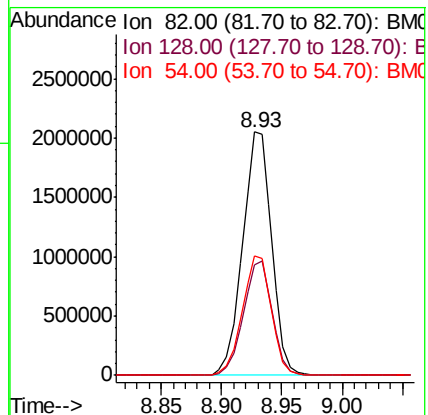
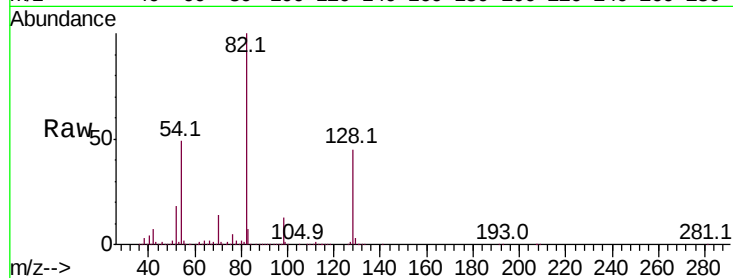
Tot Ion: 82 Resp: 3431478

Ion Ratio Lower Upper

82 100

128 45.2 36.3 54.5

54 49.1 41.7 62.5



#32

Benzoic acid

Concen: 6.507 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BM018498.D

Acq: 10 Jan 2019 07:33

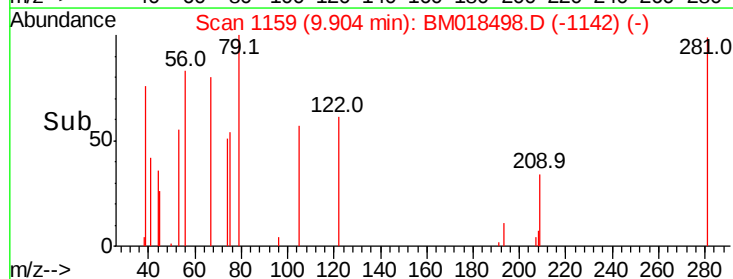
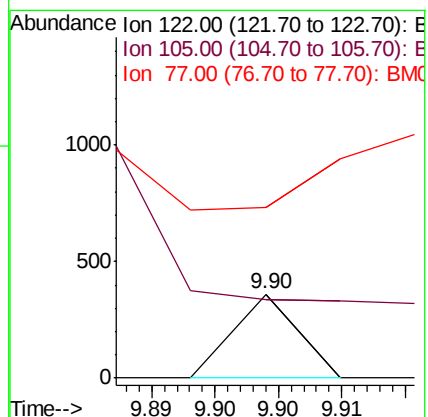
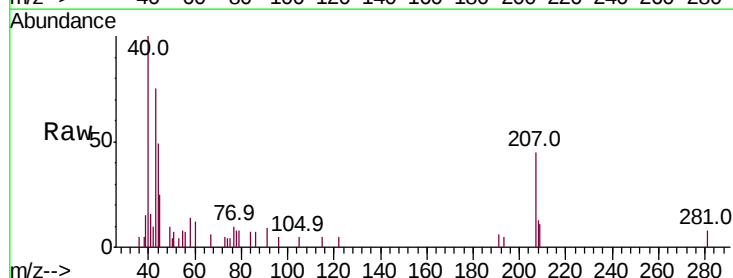
Tgt Ion: 122 Resp: 127

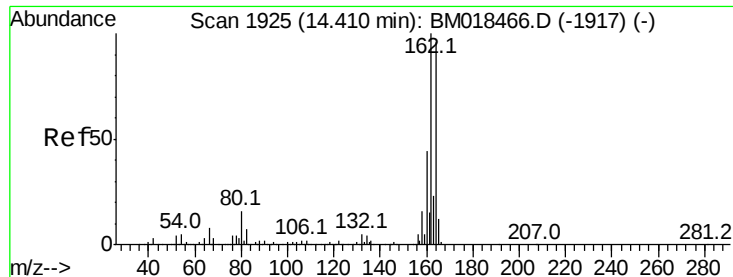
Ion Ratio Lower Upper

122 100

105 93.6 100.4 140.4#

77 202.5 71.7 111.7#

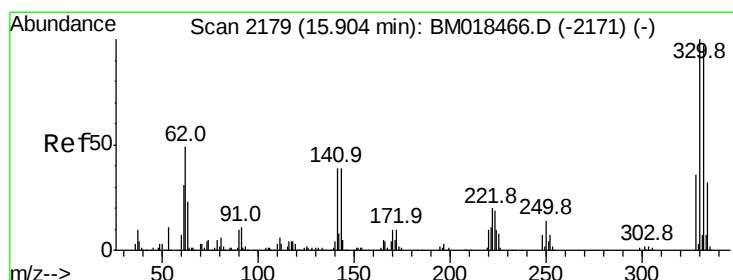
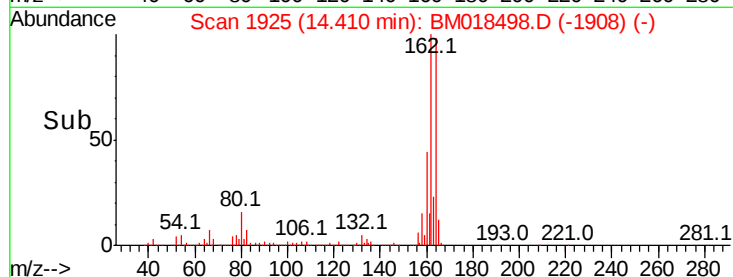
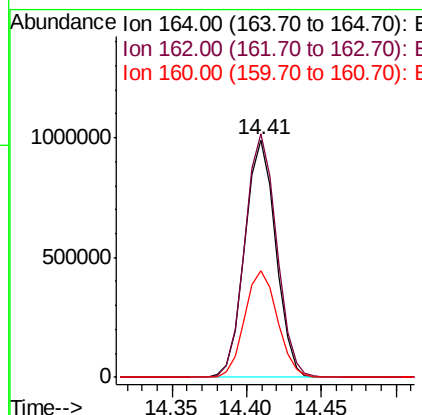
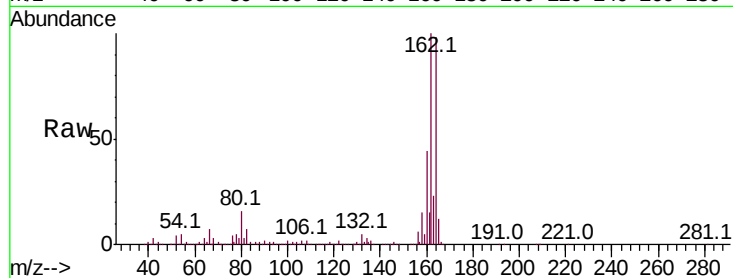




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

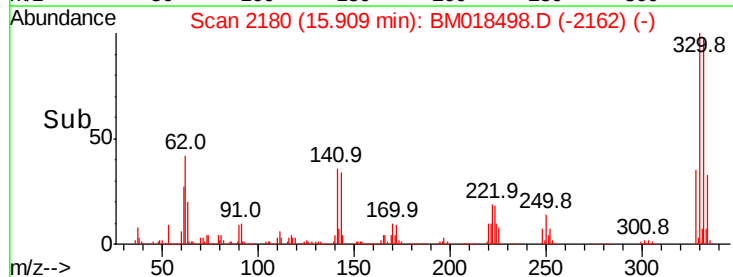
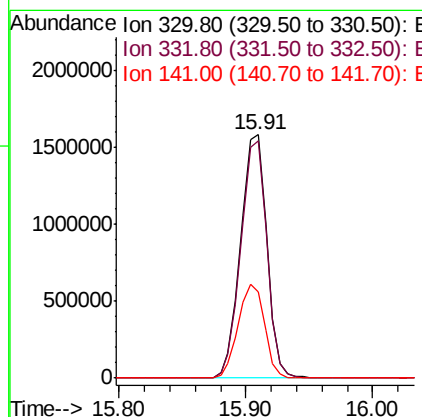
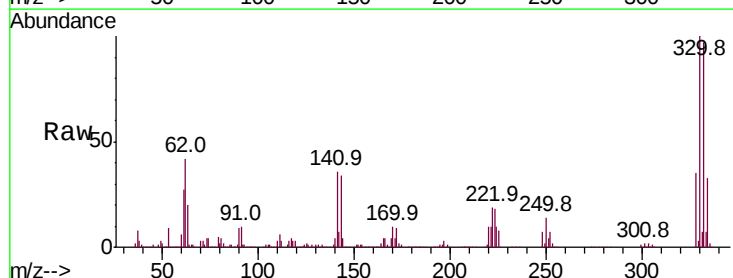
Instrument :
BNA_M
ClientSampled :
SP-1-2

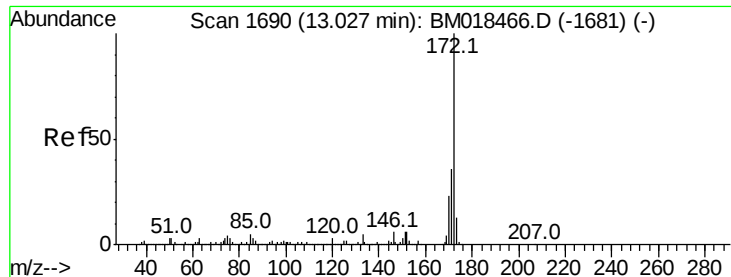
Tot Ion:164 Resp: 1421702
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 44.8 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 125.498 ng
RT: 15.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Tgt Ion:330 Resp: 2271798
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 38.8 31.7 47.5

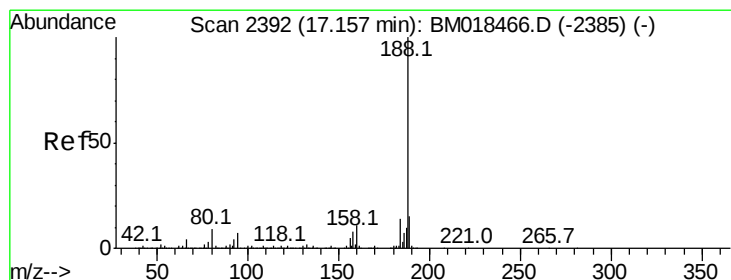
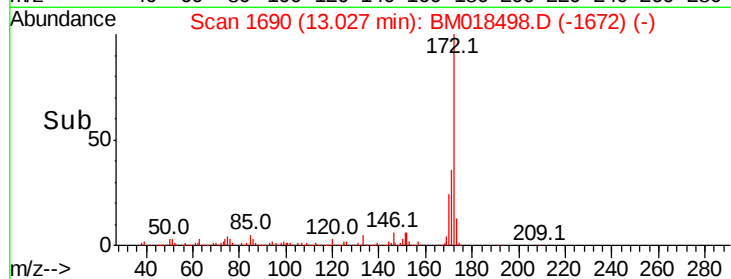
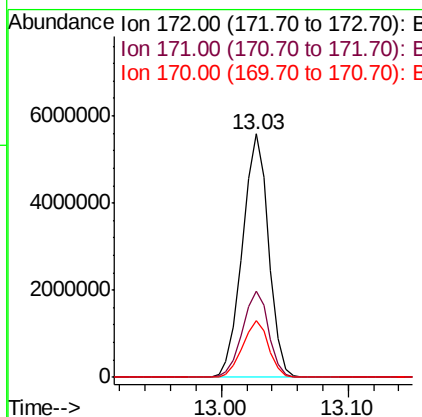
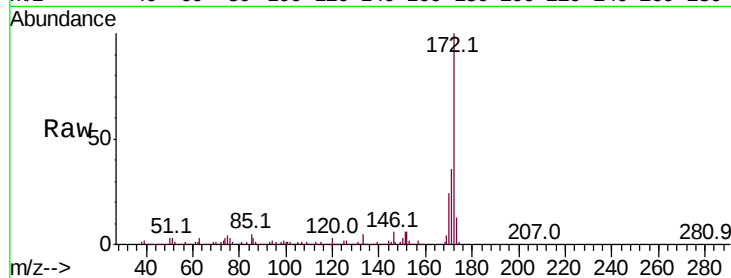




#45
2-Fluorobiphenyl
Concen: 73.161 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

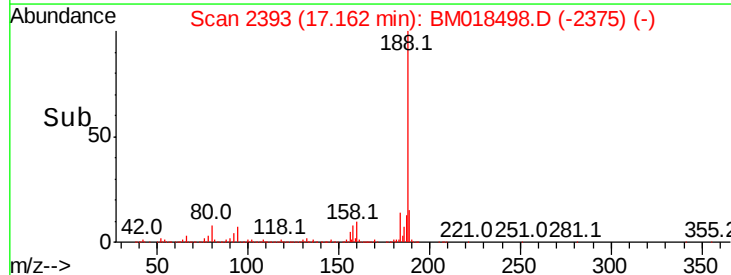
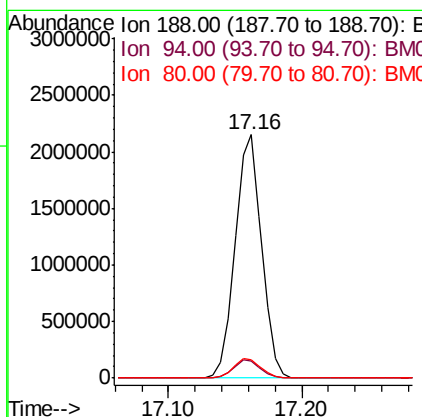
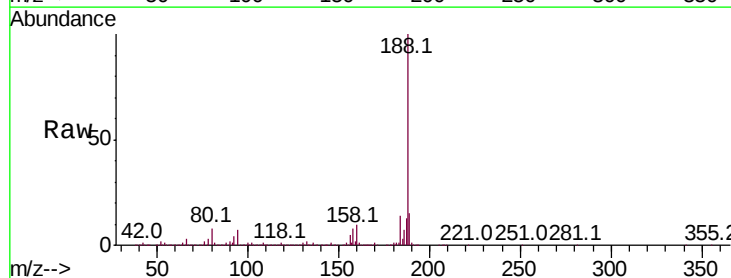
Instrument :
BNA_M
ClientSampleId :
SP-1-2

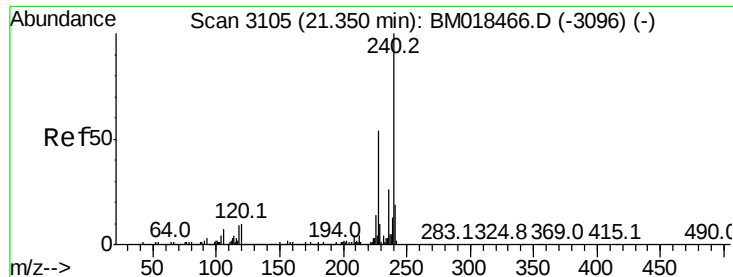
Tot Ion:172 Resp: 7971156
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Tgt Ion:188 Resp: 2955670
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7
80 7.6 7.6 11.4

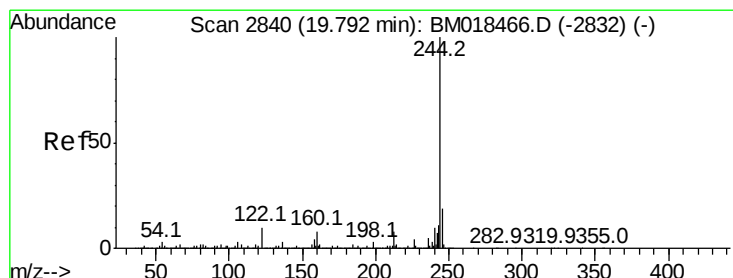
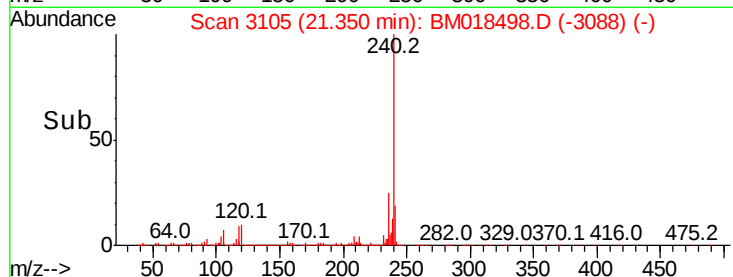
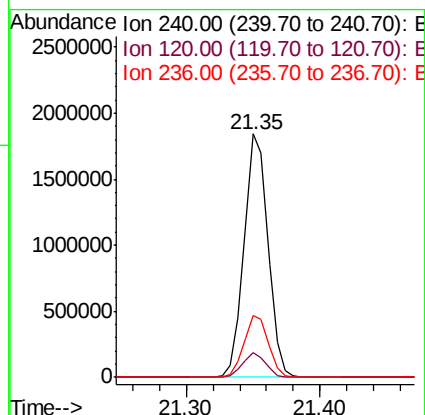
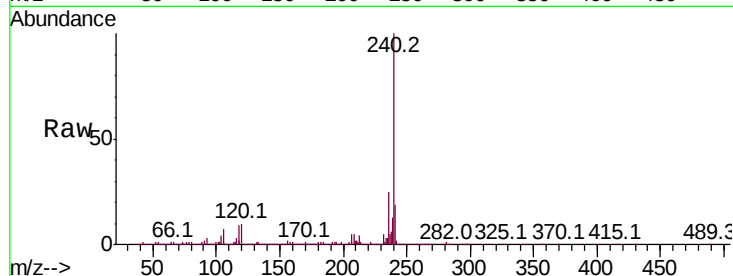




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BM018498.D
 Acq: 10 Jan 2019 07:33

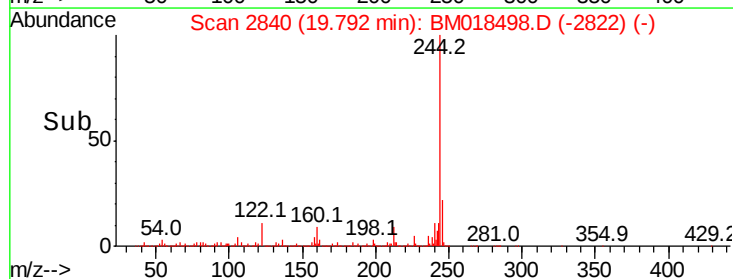
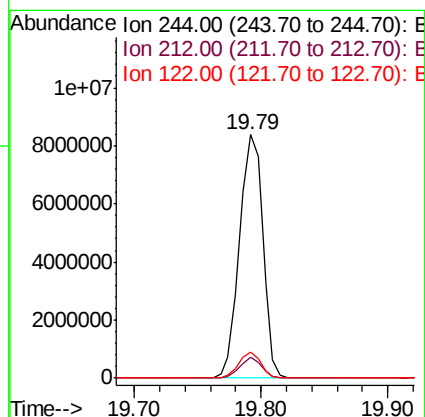
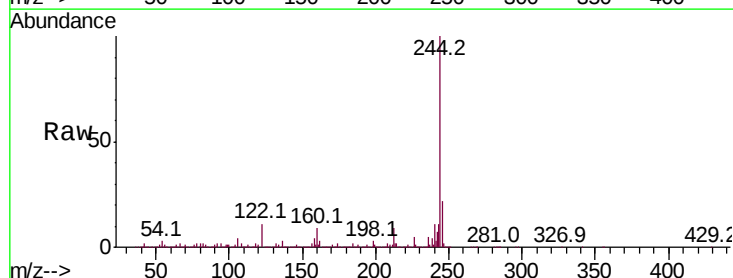
Instrument :
 BNA_M
 ClientSampleID :
 SP-1-2

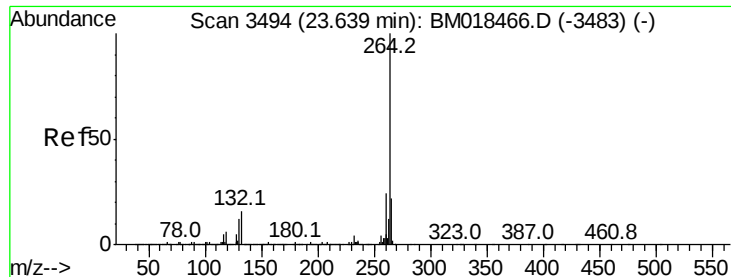
Tot Ion:240 Resp: 2272124
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 98.533 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018498.D
 Acq: 10 Jan 2019 07:33

Tgt Ion:244 Resp:10620284
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.9 8.9
 122 11.0 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: BM018498.D
 Acq: 10 Jan 2019 07:33

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Tot Ion:264 Resp: 2258910

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.2	16.8	25.2

