

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 08:26:46 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

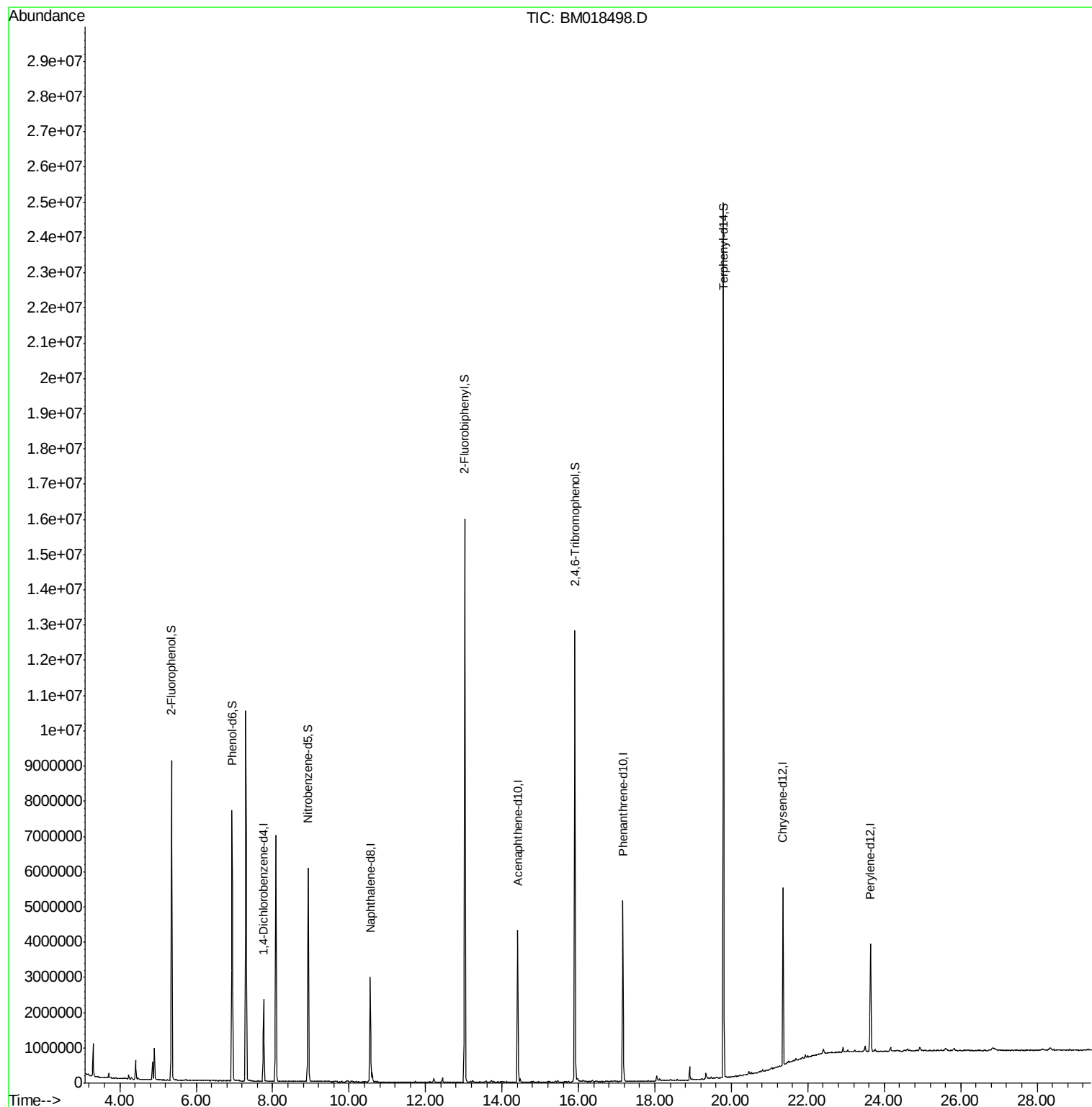
Target Compounds Qvalue

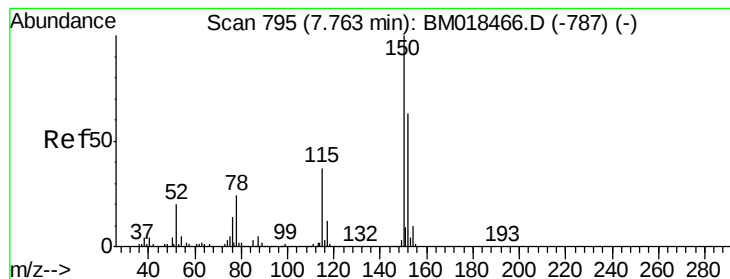
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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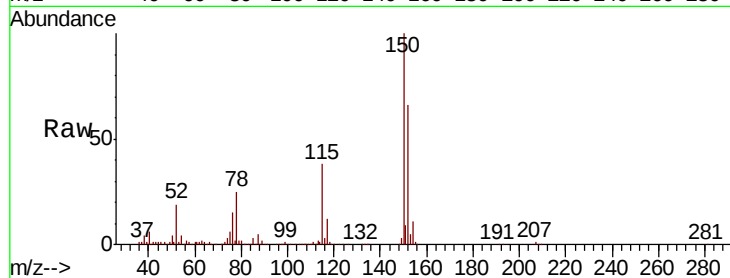


#1

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

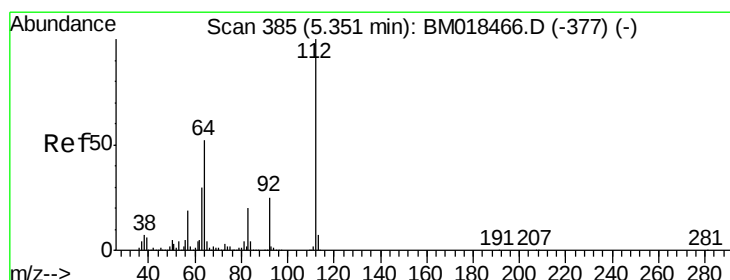
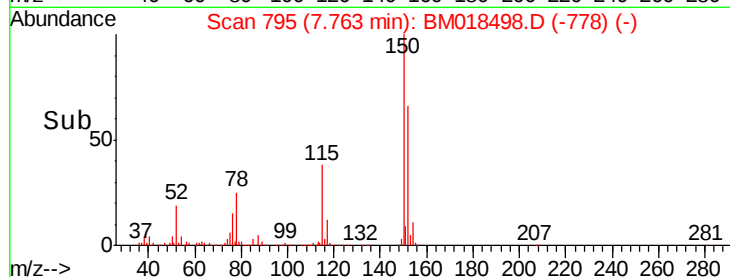
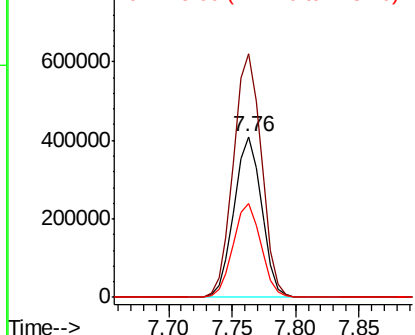


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

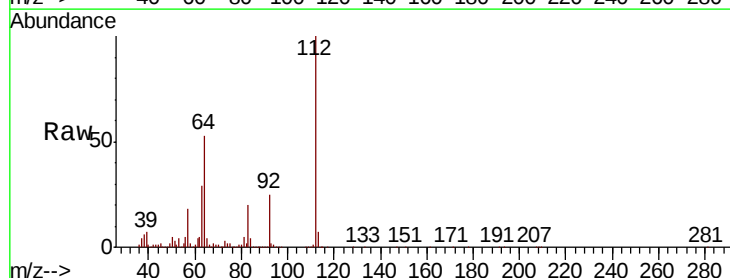
Ion 115.00 (114.70 to 115.70): E



#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

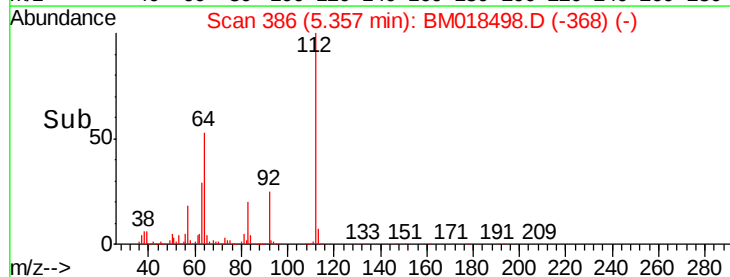
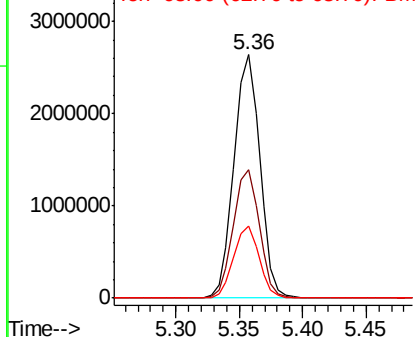


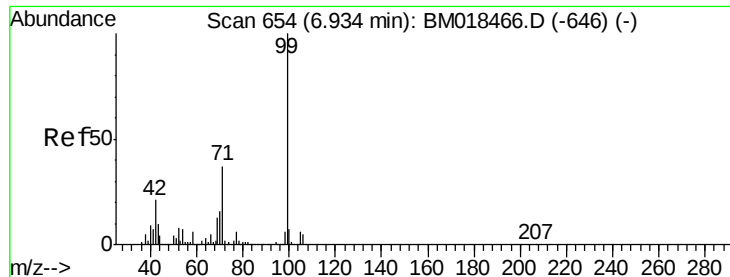
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#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

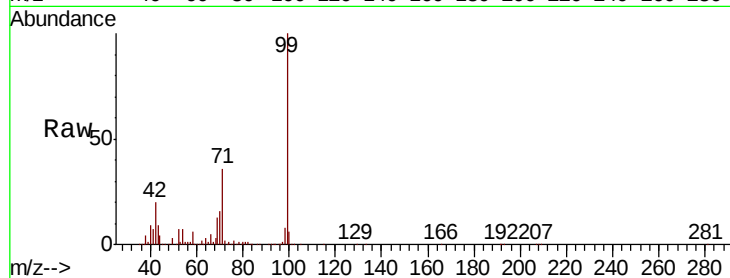
Tot Ion: 99 Resp: 4304455

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

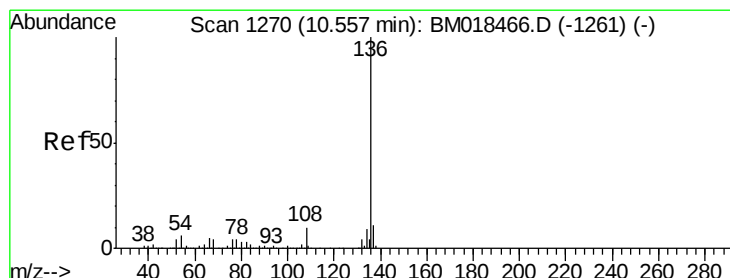
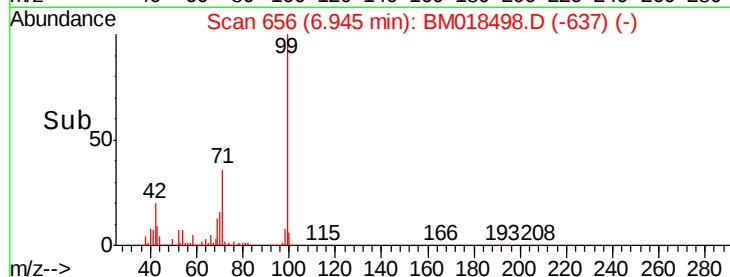
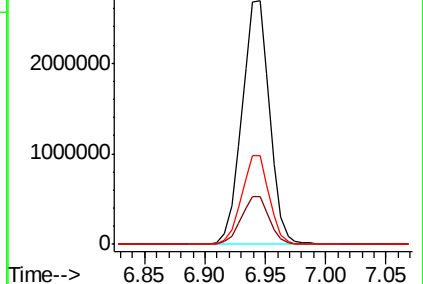
71 36.2 28.0 42.0



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) (-)



#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

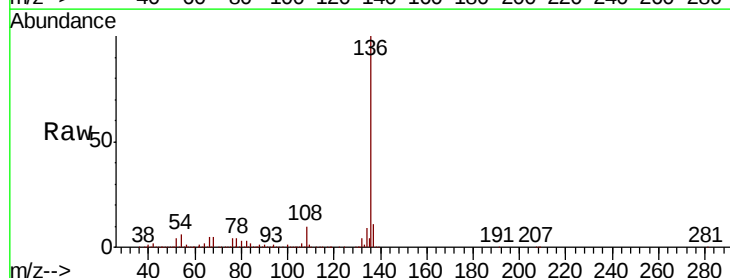
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 6.0 9.0

68 4.7 4.5 6.7

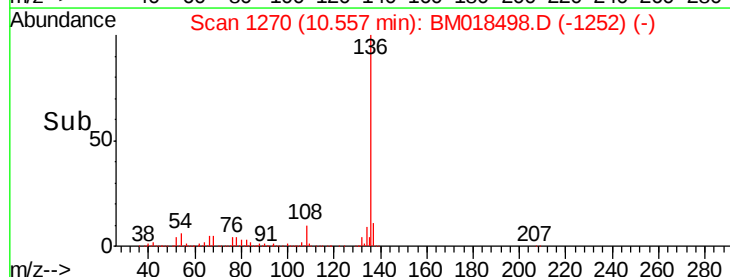
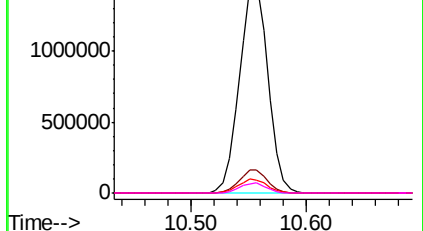


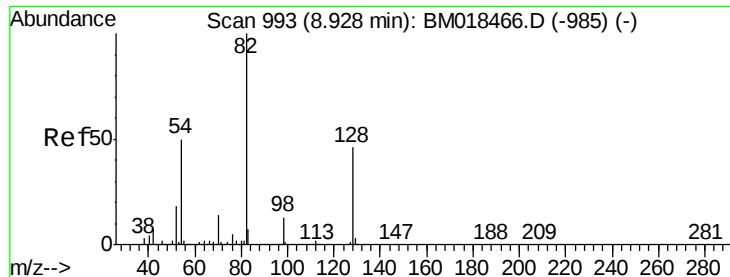
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

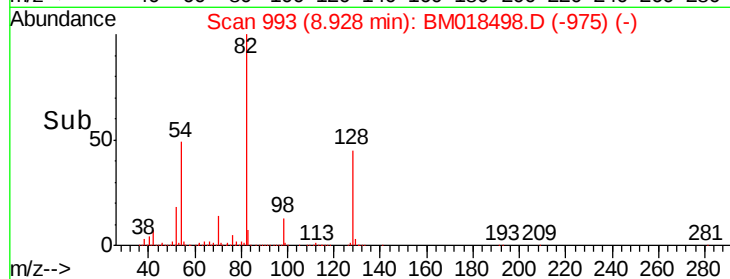
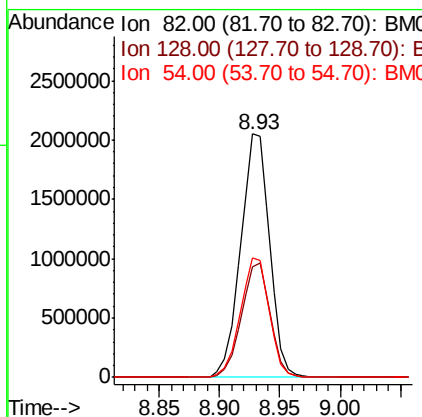
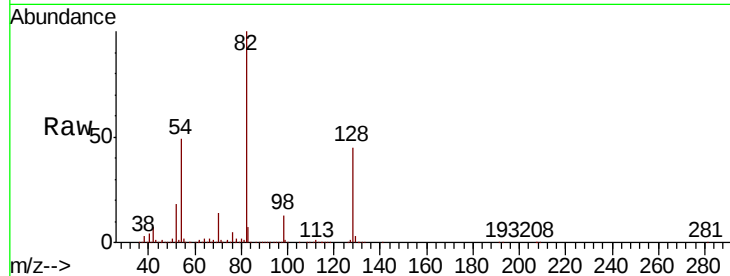




#23
 Nitrobenzene-d5
 Concen: 78.596 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018498.D
 Acq: 10 Jan 2019 07:33

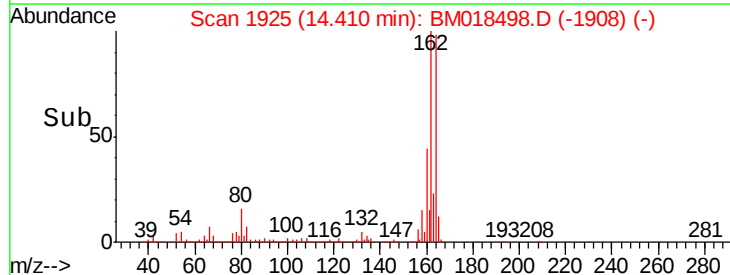
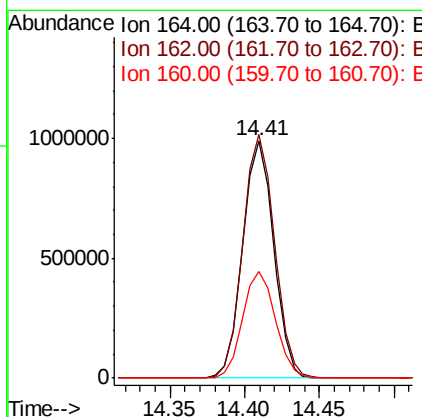
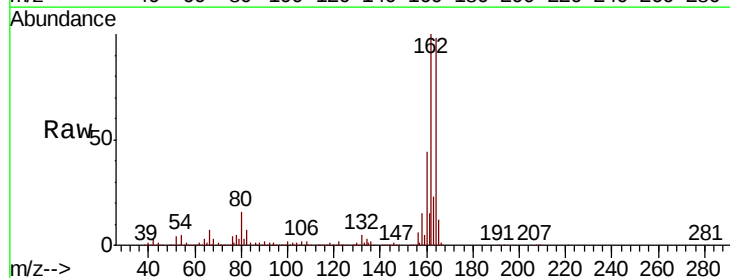
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

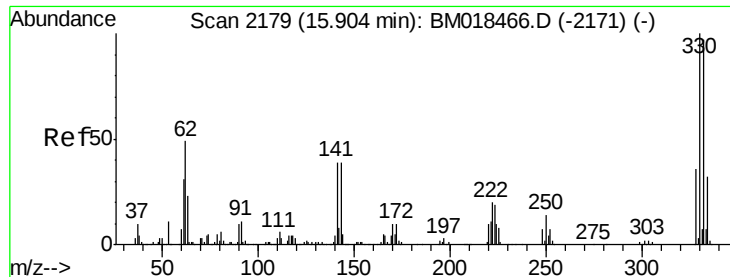
Tot Ion: 82 Resp: 3431478
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.3 54.5
 54 49.1 41.7 62.5



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

SP-1-2

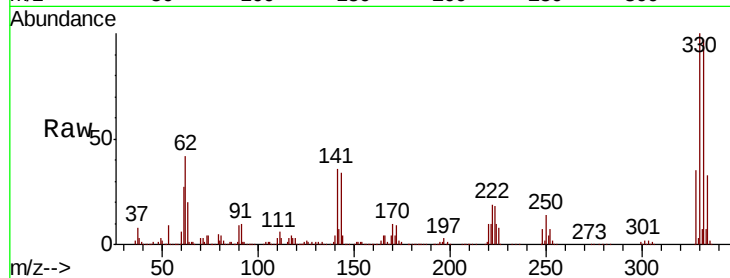
Tot Ion:330 Resp: 2271798

Ion Ratio Lower Upper

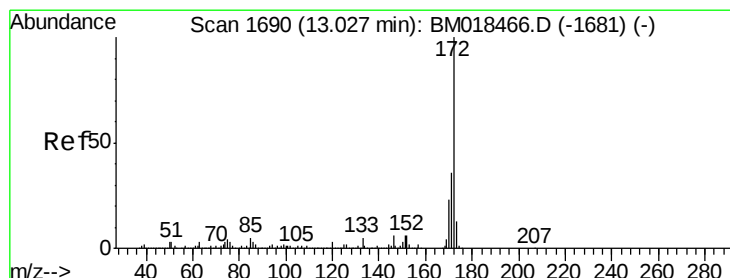
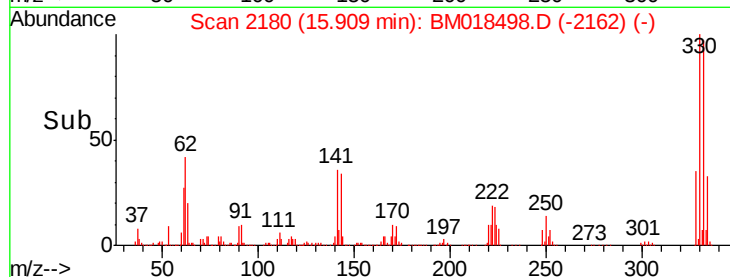
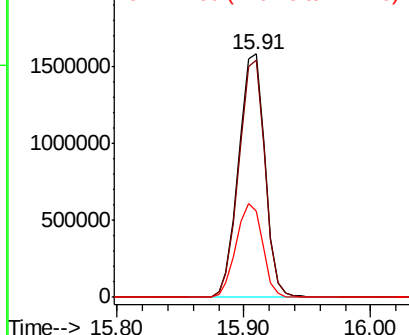
330 100

332 96.9 77.6 116.4

141 38.8 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: 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

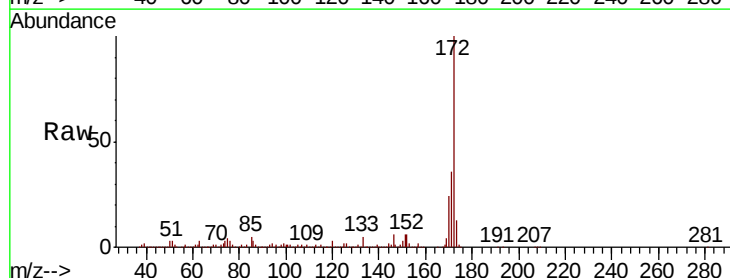
Tgt Ion:172 Resp: 7971156

Ion Ratio Lower Upper

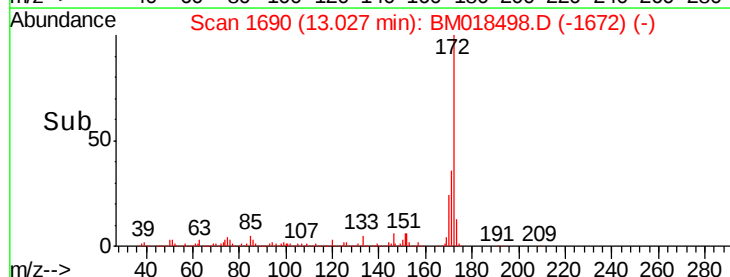
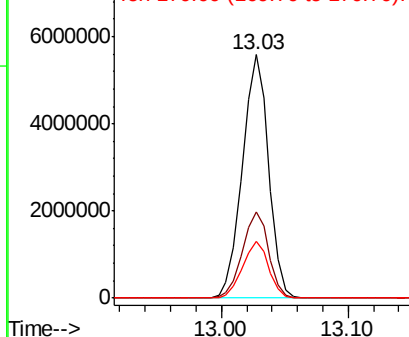
172 100

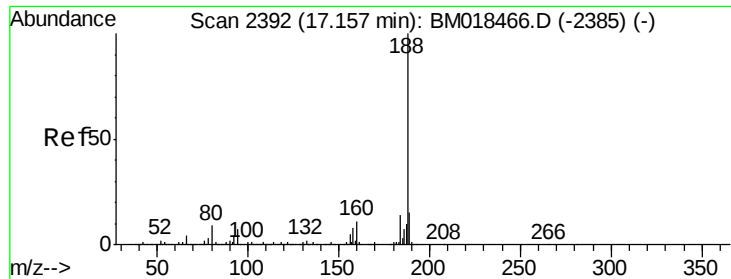
171 35.7 28.2 42.4

170 23.5 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

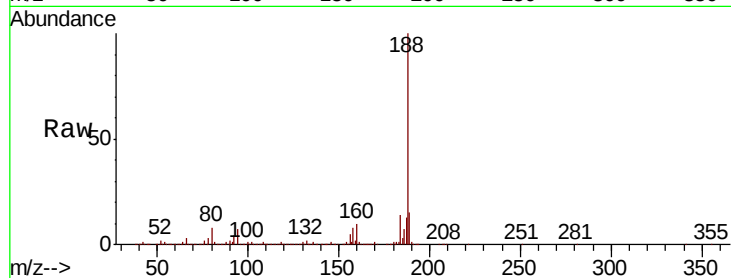




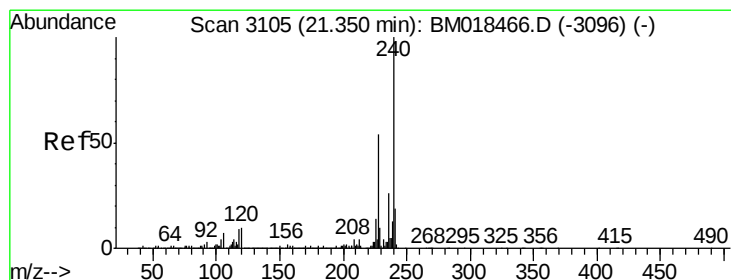
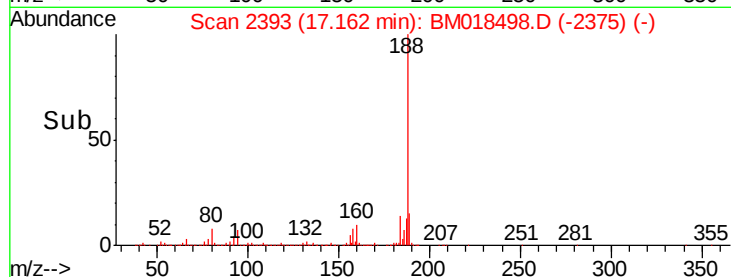
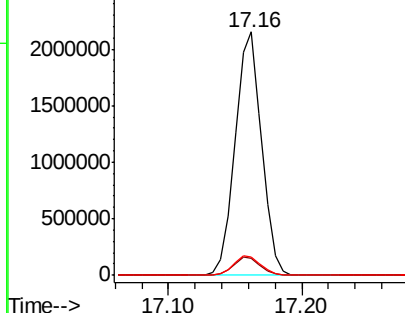
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Instrument :
BNA_M
ClientSampleId :
SP-1-2

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

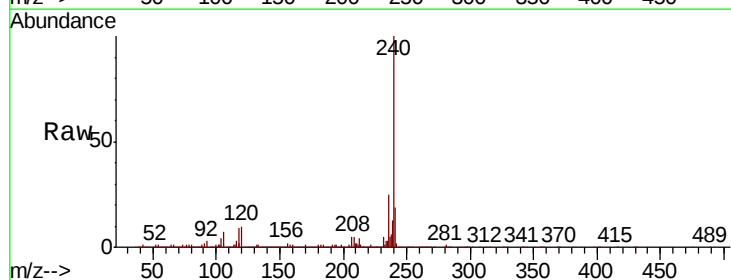


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

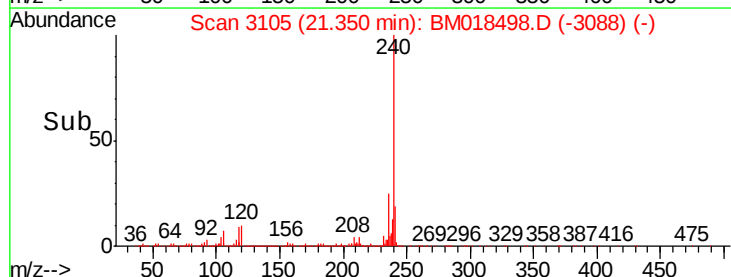
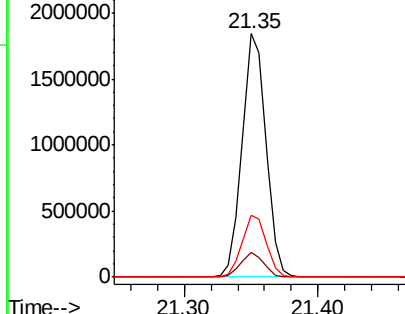


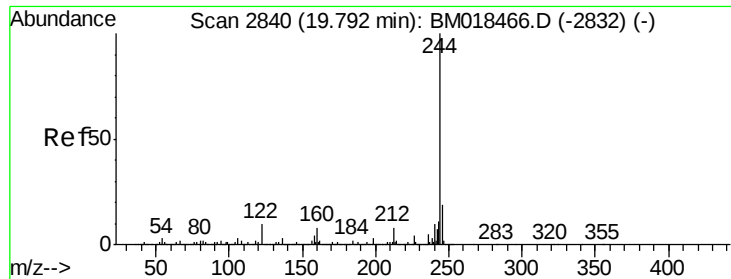
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018498.D
Acq: 10 Jan 2019 07:33

Tgt Ion:240 Resp: 2272124
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.5 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: 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

Instrument :

BNA_M

ClientSampled :

SP-1-2

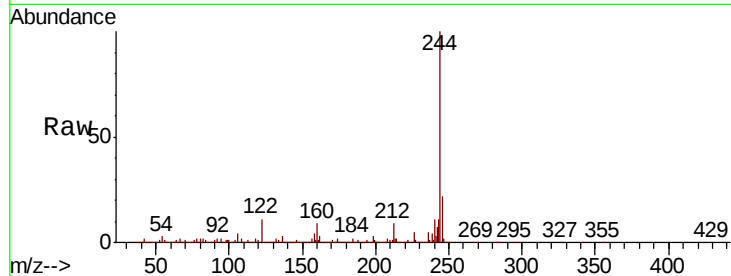
Tot Ion:244 Resp:10620284

Ion Ratio Lower Upper

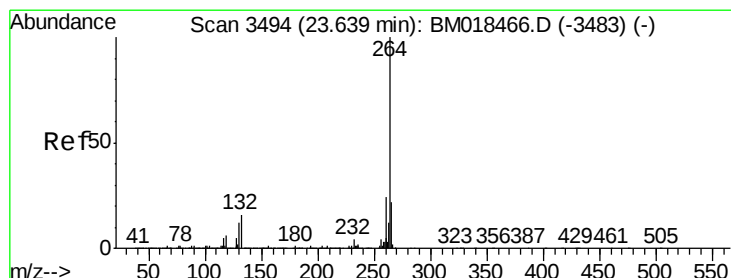
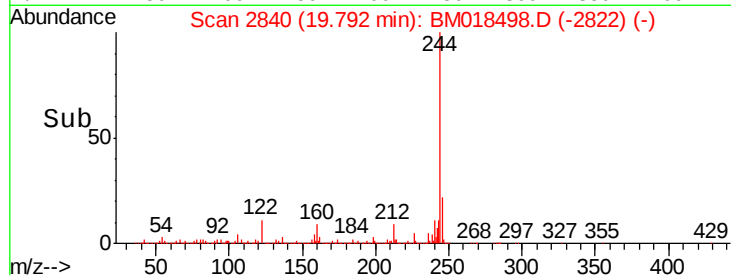
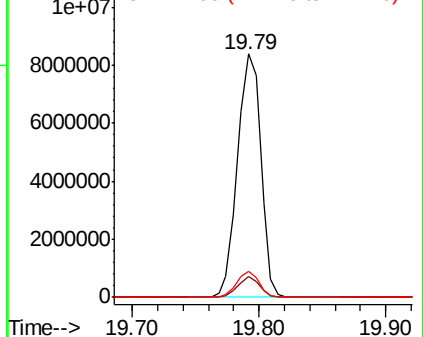
244 100

212 8.5 5.9 8.9

122 11.0 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

Perylene-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

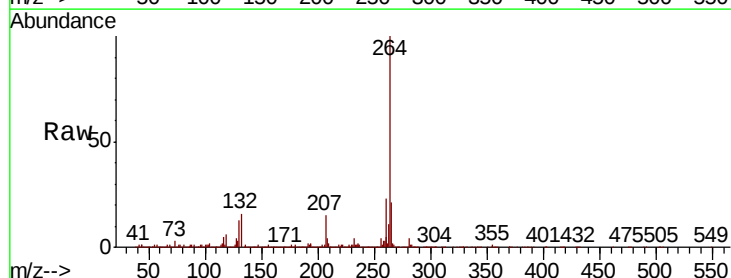
Tgt Ion:264 Resp: 2258910

Ion Ratio Lower Upper

264 100

260 23.5 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

