

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018512.D
 Acq On : 10 Jan 2019 17:16
 Operator : JU/SJ
 Sample : K1006-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-J

Quant Time: Jan 11 03:26:27 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	456206	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1815607	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1103579	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2777331	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3041450	20.00	ng	0.00
87) Perylene-d12	23.64	264	3056445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2524652	102.19	ng	0.00
7) Phenol-d6	6.94	99	2894788	92.25	ng	0.00
23) Nitrobenzene-d5	8.93	82	2299800	73.43	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1785695	127.08	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6126358	72.44	ng	0.00
79) Terphenyl-d14	19.79	244	10706362	74.21	ng	0.00

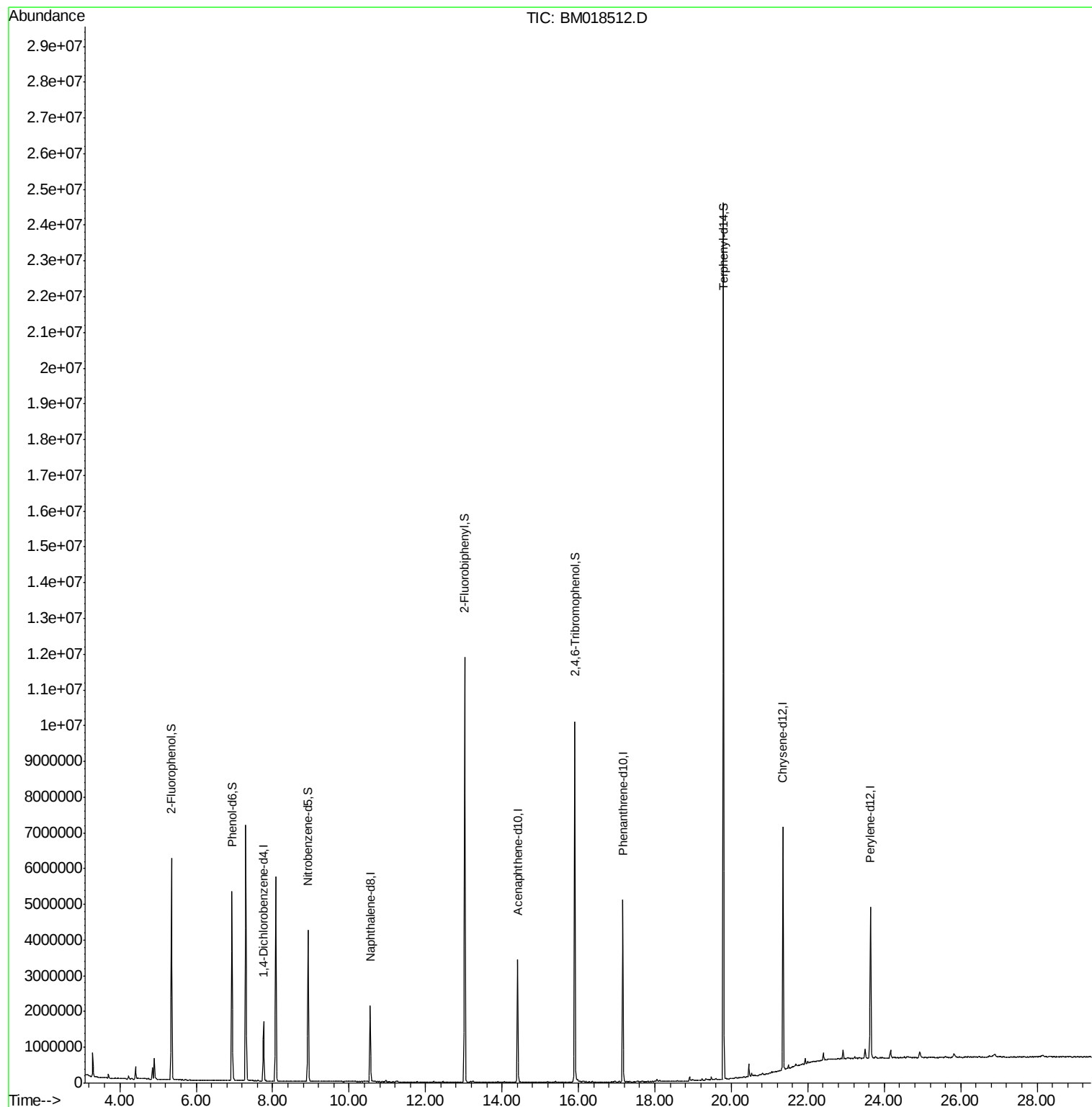
Target Compounds Qvalue

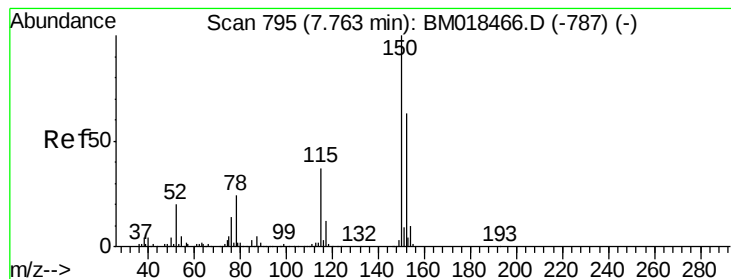
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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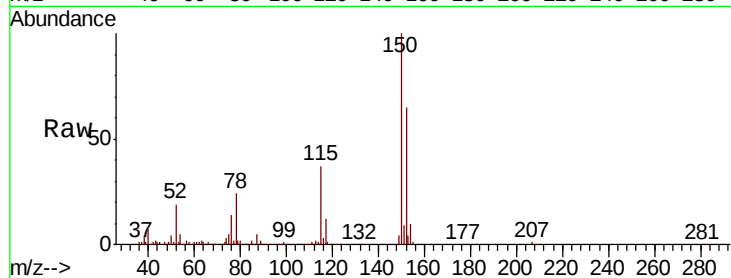


#1

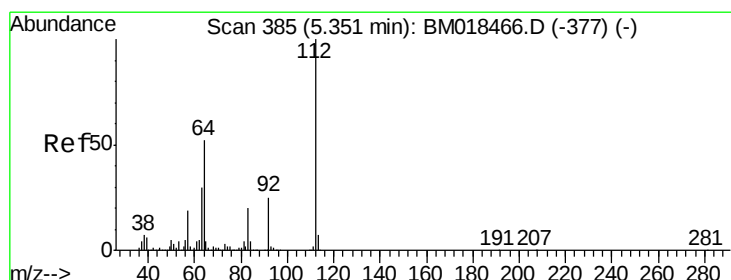
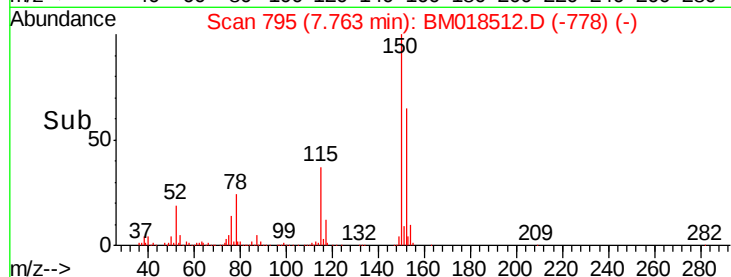
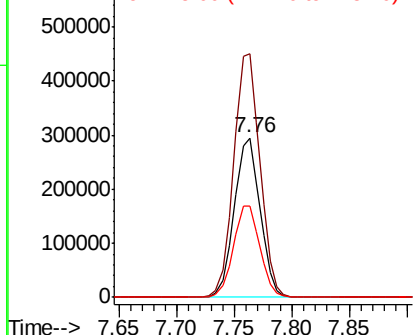
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018512.D
Acq: 10 Jan 2019 17:16

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.9	190.3
115	57.3	45.5	68.3



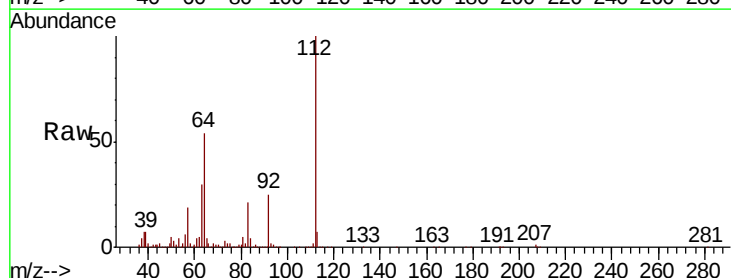
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



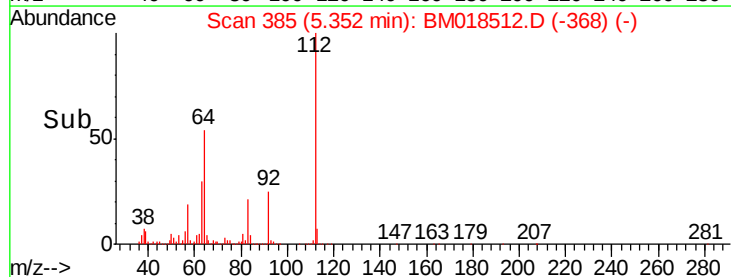
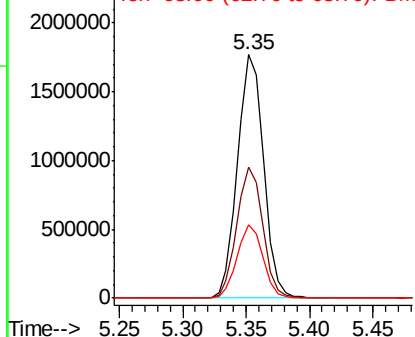
#5

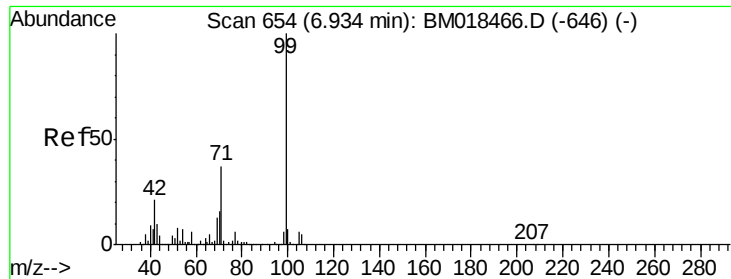
2-Fluorophenol
Concen: 102.185 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018512.D
Acq: 10 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	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: 92.248 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018512.D

Acq: 10 Jan 2019 17:16

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-J

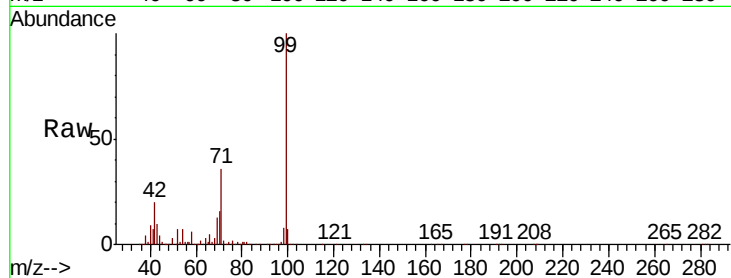
Tot Ion: 99 Resp: 2894788

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

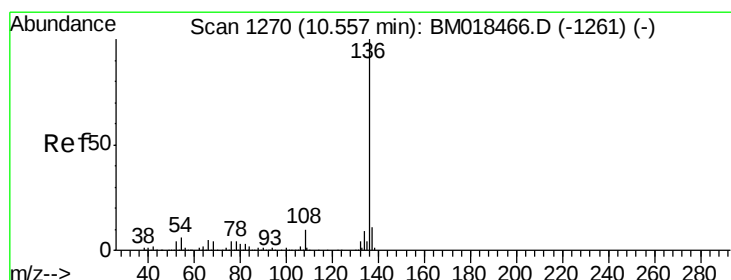
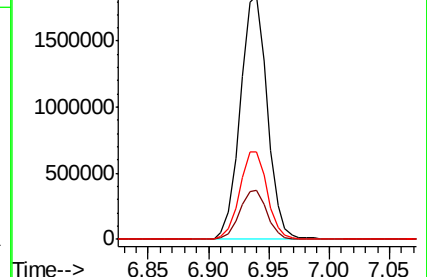
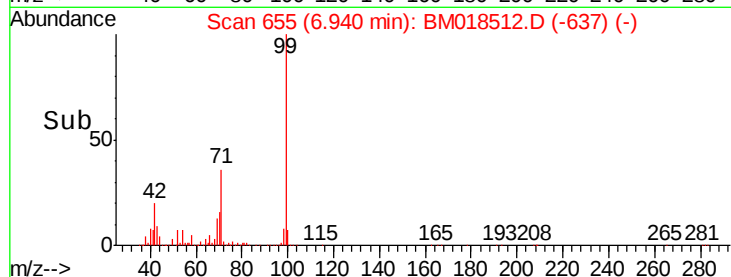
71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018512.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018512.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018512.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018512.D

Acq: 10 Jan 2019 17:16

Tgt Ion: 136 Resp: 1815607

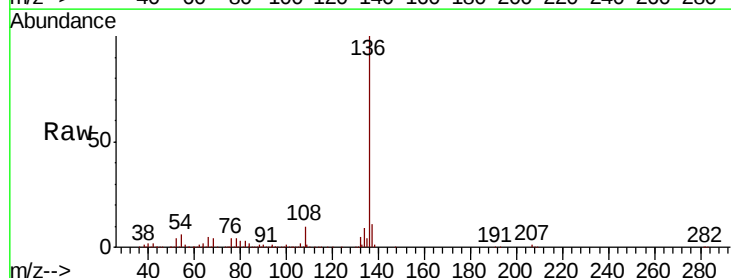
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.4 6.0 9.0

68 4.4 4.5 6.7#

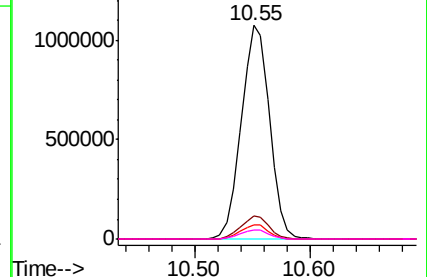
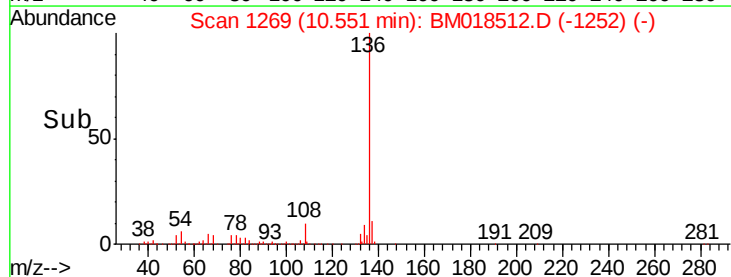


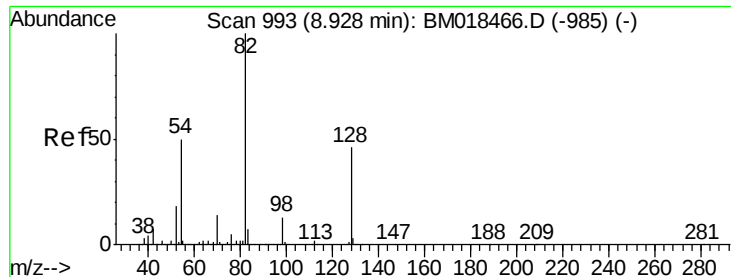
Abundance Ion 136.00 (135.70 to 136.70): BM018512.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018512.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018512.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018512.D (-1252) (-)



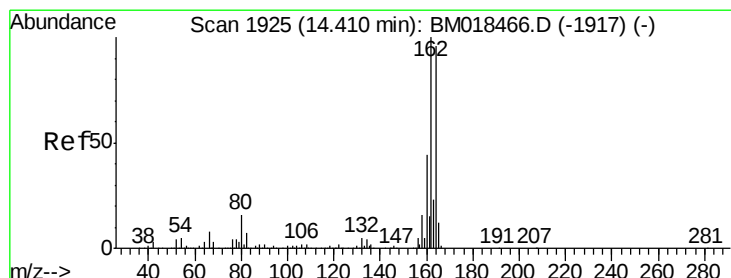
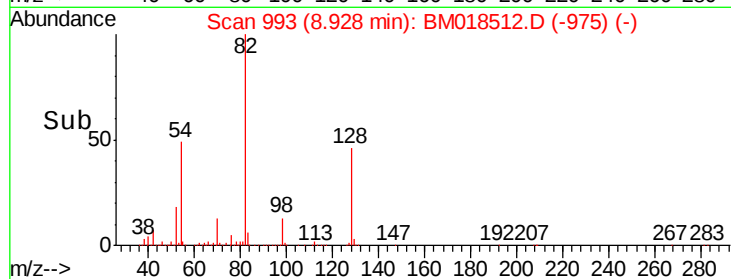
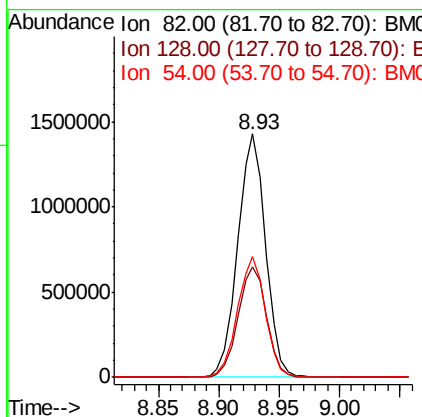
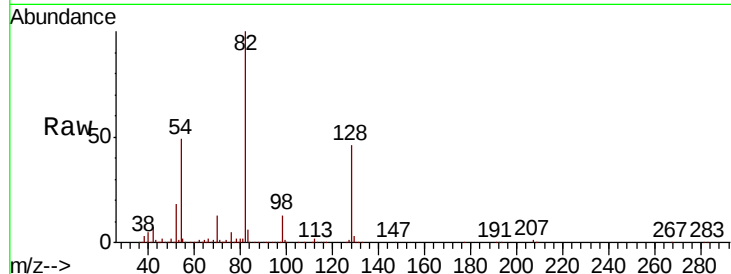


#23
 Nitrobenzene-d5
 Concen: 73.431 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018512.D
 Acq: 10 Jan 2019 17:16

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-J

Tot Ion: 82 Resp: 2299800

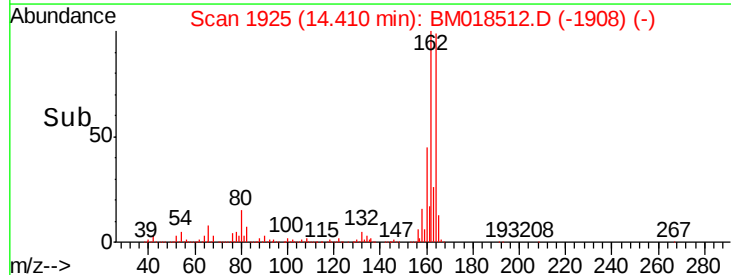
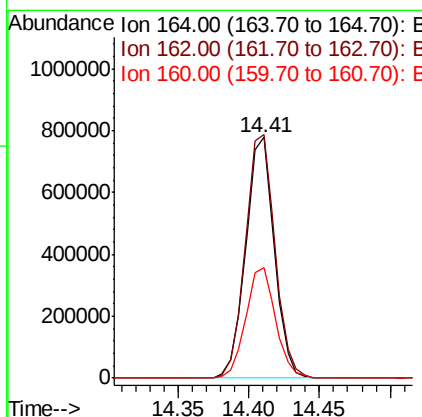
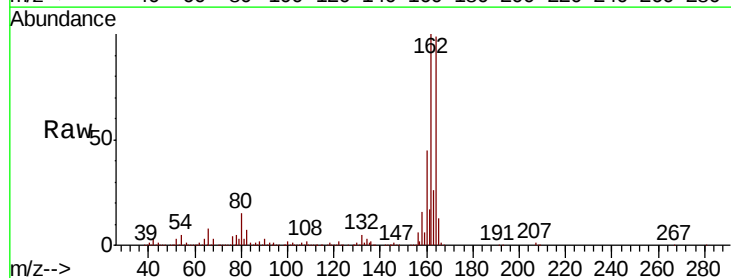
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	49.4	41.7	62.5

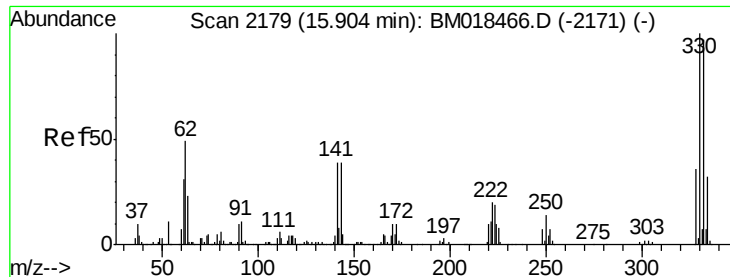


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM018512.D
 Acq: 10 Jan 2019 17:16

Tgt Ion: 164 Resp: 1103579

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	45.7	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 127.081 ng

RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM018512.D

Acq: 10 Jan 2019 17:16

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-J

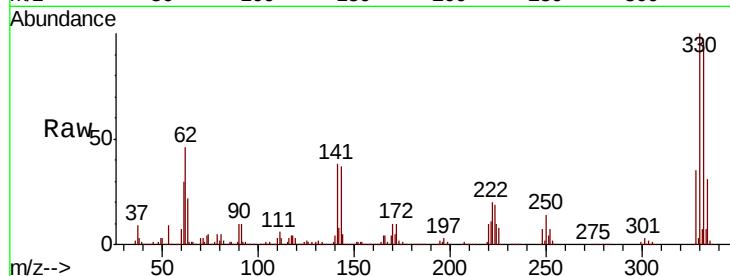
Tot Ion:330 Resp: 1785695

Ion Ratio Lower Upper

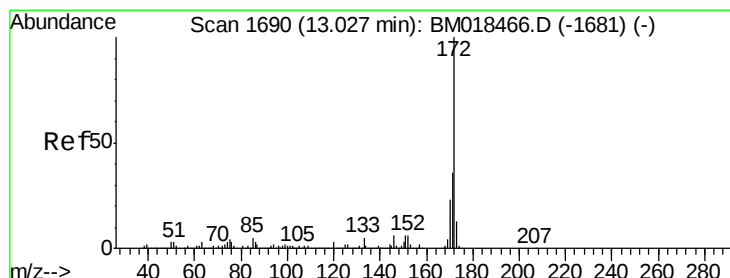
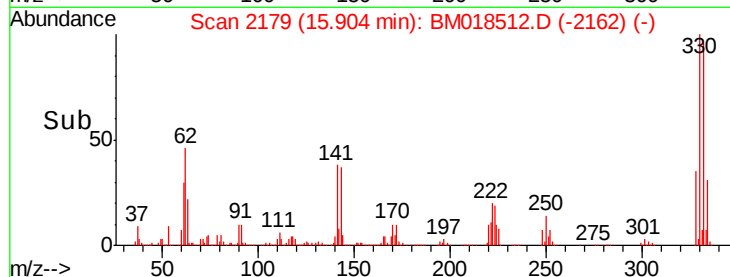
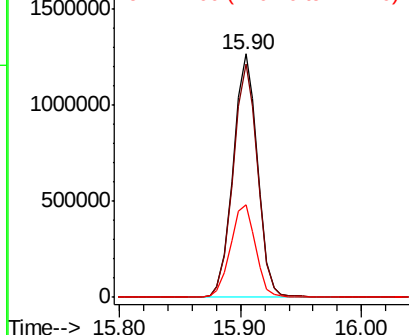
330 100

332 96.5 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: 72.438 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018512.D

Acq: 10 Jan 2019 17:16

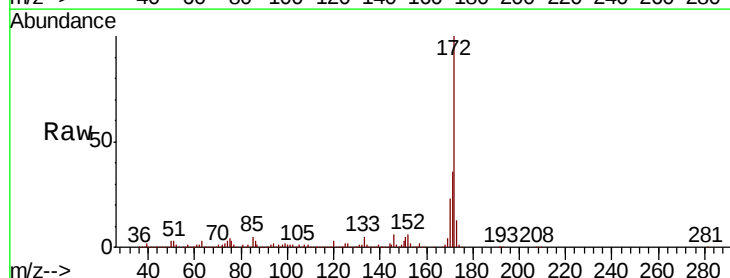
Tgt Ion:172 Resp: 6126358

Ion Ratio Lower Upper

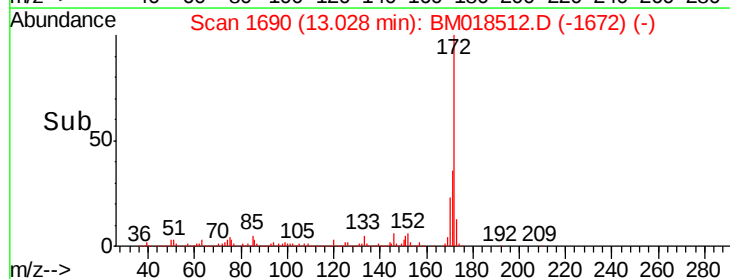
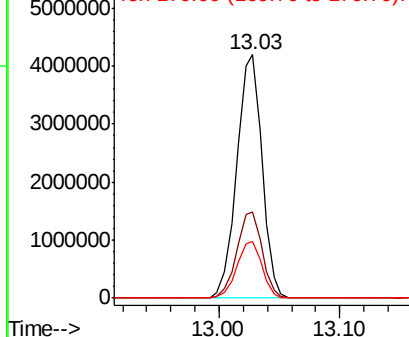
172 100

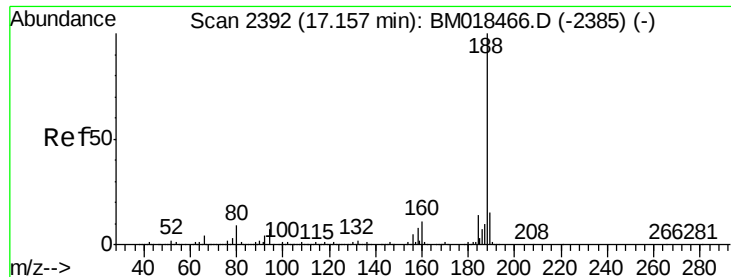
171 35.5 28.2 42.4

170 23.3 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

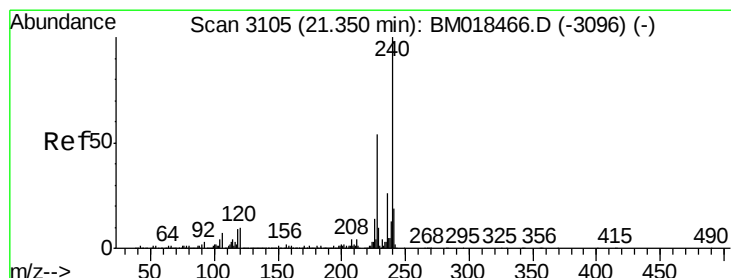
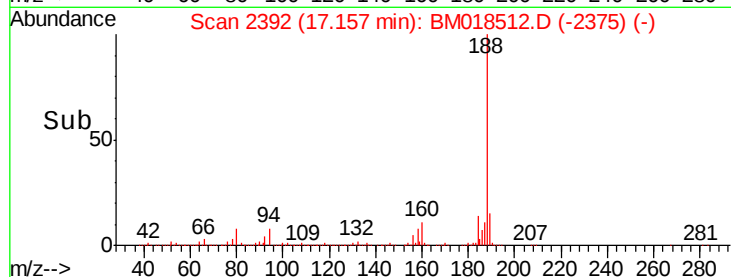
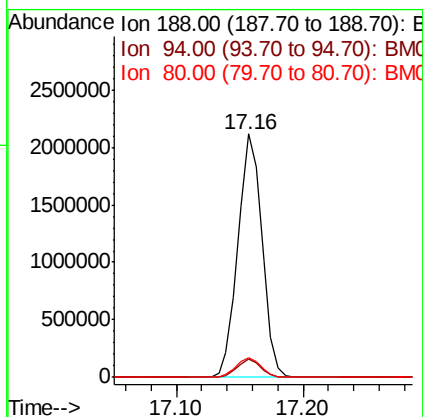
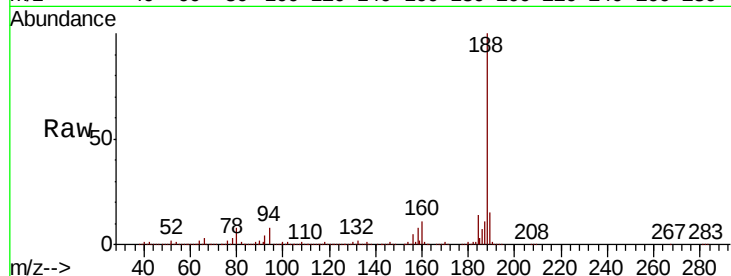




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018512.D
Acq: 10 Jan 2019 17:16

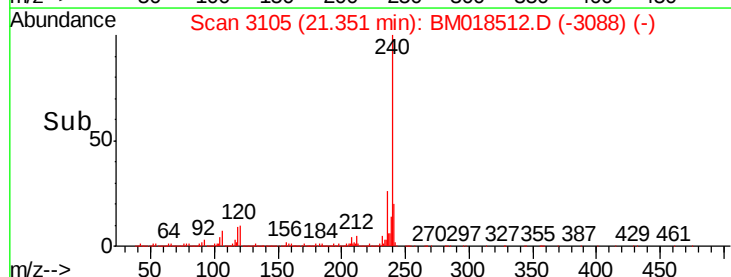
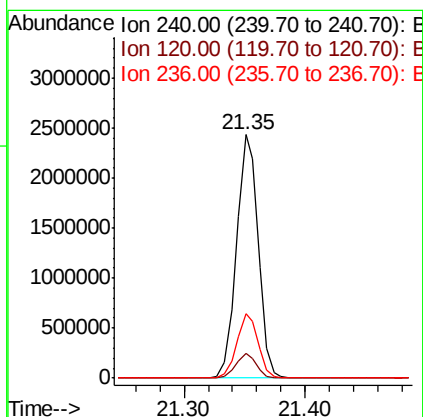
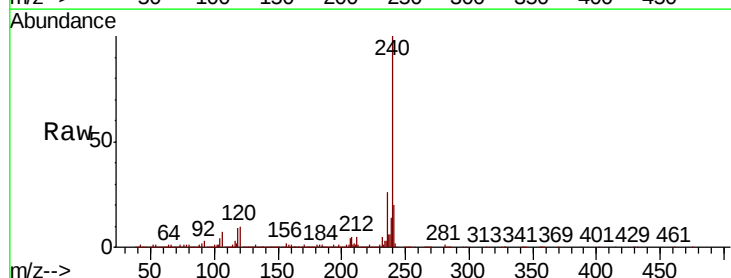
Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

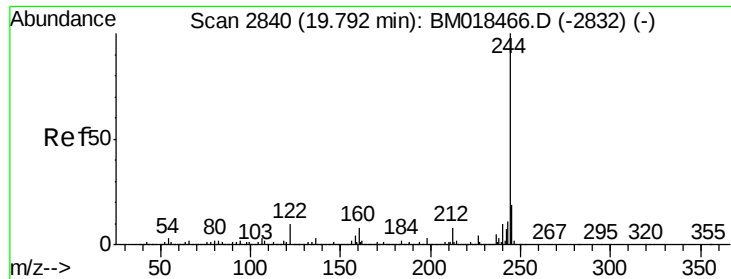
Tot Ion:188 Resp: 2777331
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018512.D
Acq: 10 Jan 2019 17:16

Tgt Ion:240 Resp: 3041450
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.4 20.7 31.1

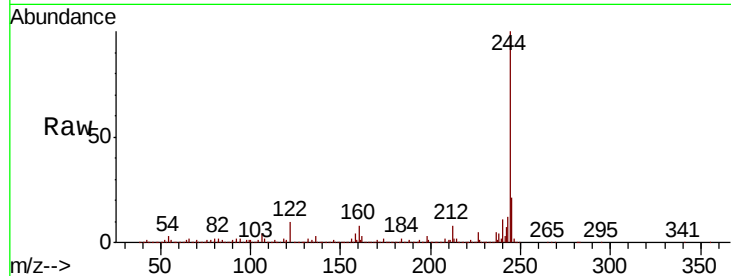




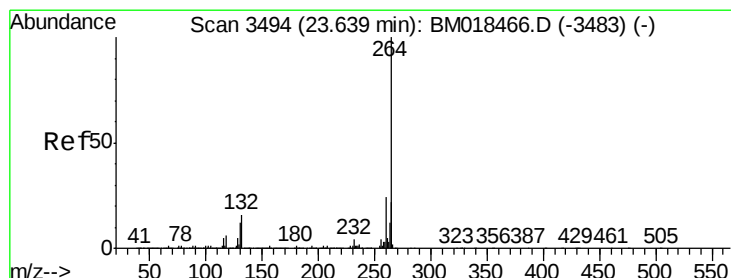
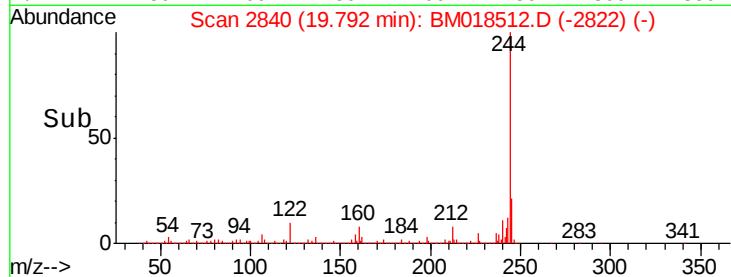
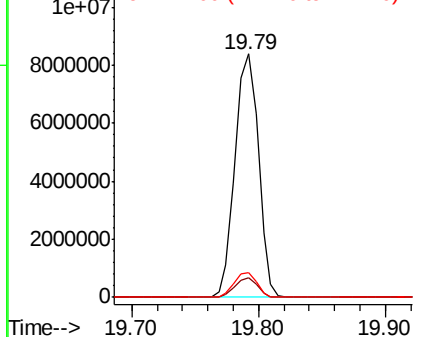
#79
 Terphenyl-d14
 Concen: 74.206 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018512.D
 Acq: 10 Jan 2019 17:16

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-J

Tot Ion:244 Resp:10706362
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 10.4 9.0 13.4

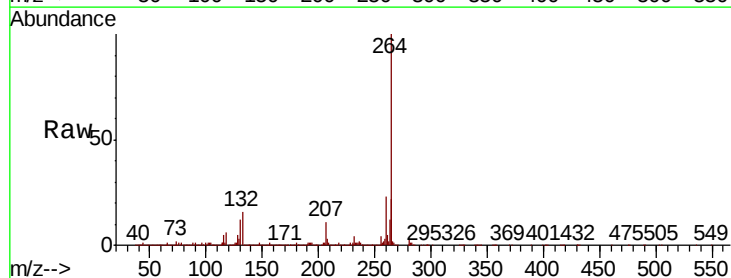


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: BM018512.D
 Acq: 10 Jan 2019 17:16

Tgt Ion:264 Resp: 3056445
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 22.0 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

