

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018494.D
 Acq On : 10 Jan 2019 05:08
 Operator : JU/SJ
 Sample : K1006-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 10 08:23:30 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	570126	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2436441	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1462018	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3409250	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2579905	20.00	ng	0.00
87) Perylene-d12	23.64	264	2405861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3586520	116.16	ng	0.00
7) Phenol-d6	6.94	99	4235936	108.01	ng	0.00
23) Nitrobenzene-d5	8.93	82	3347708	79.65	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2527682	135.78	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	8794949	78.50	ng	0.00
79) Terphenyl-d14	19.79	244	11724207	95.80	ng	0.00

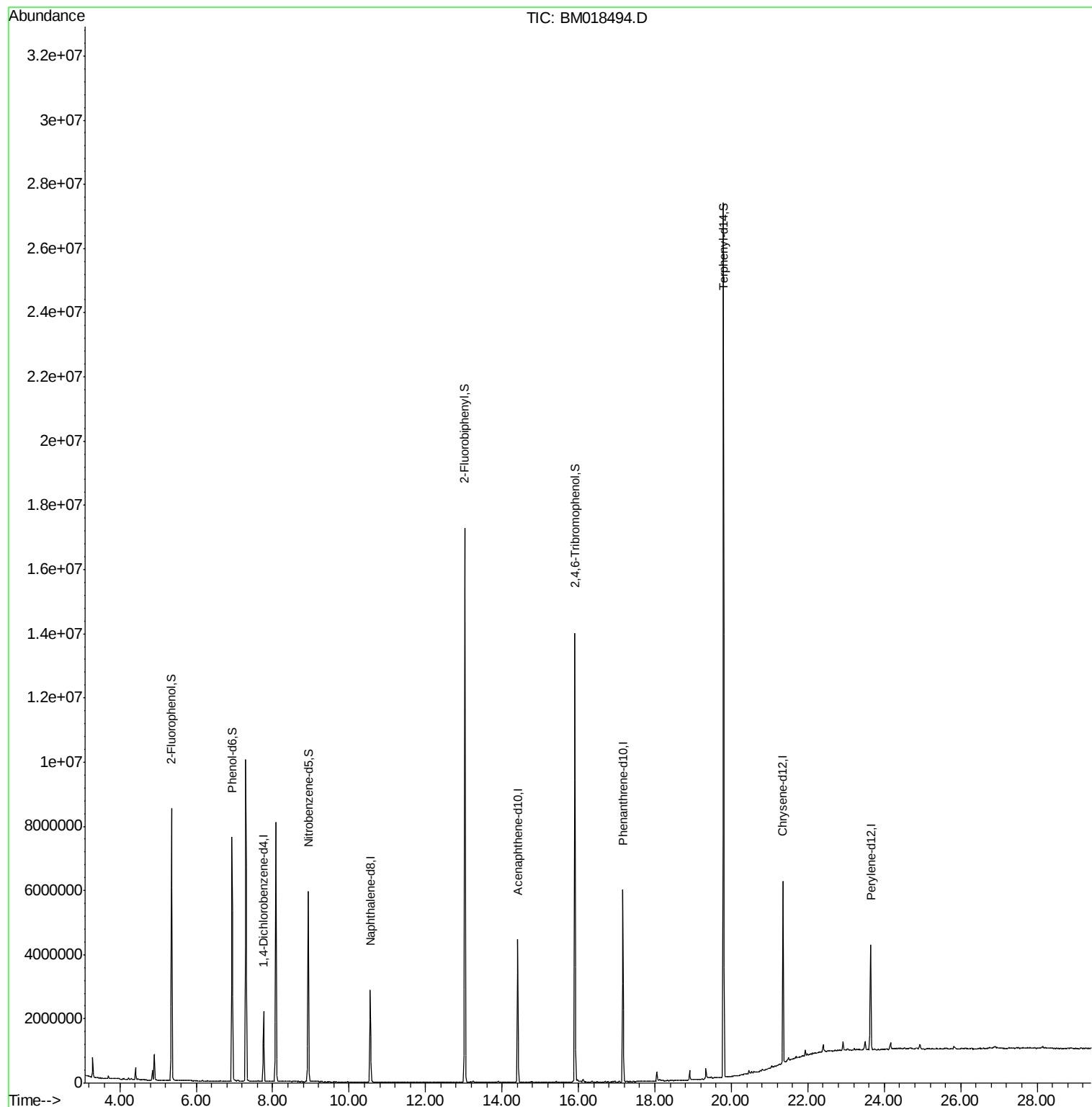
Target Compounds Qvalue

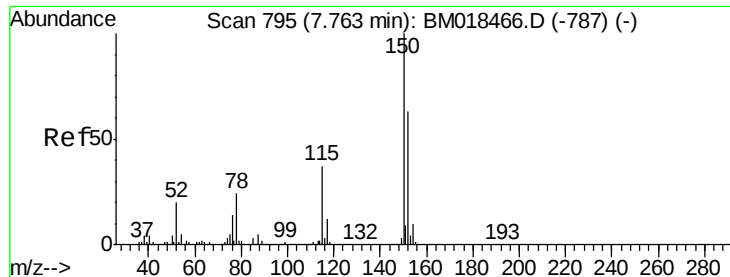
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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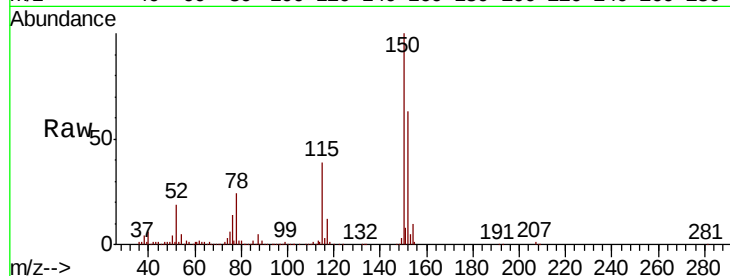


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	61.3	45.5	68.3

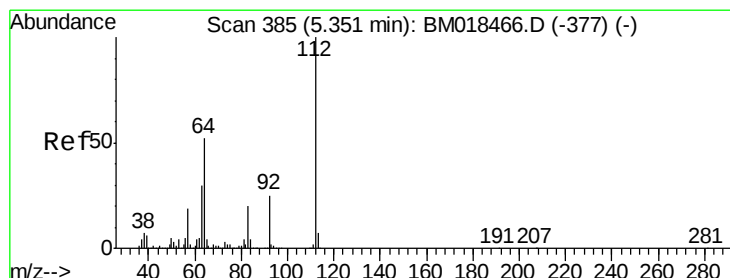
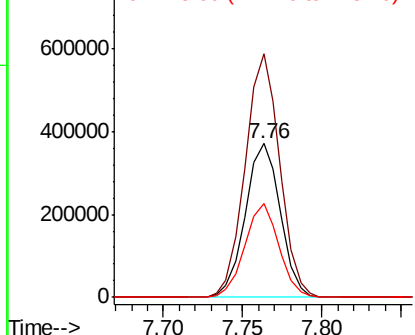
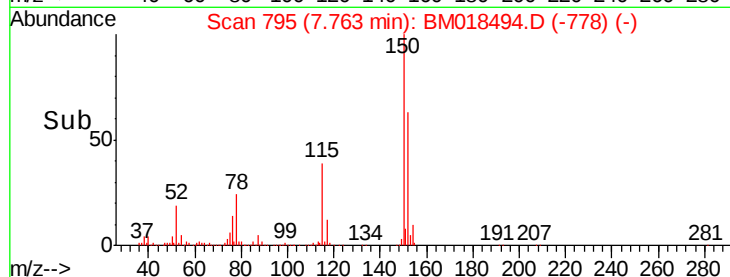


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

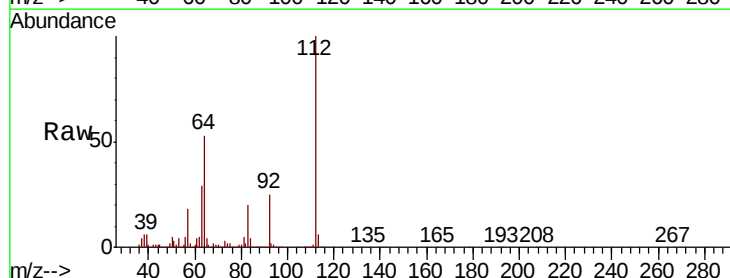
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.158 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.3	25.2	37.8

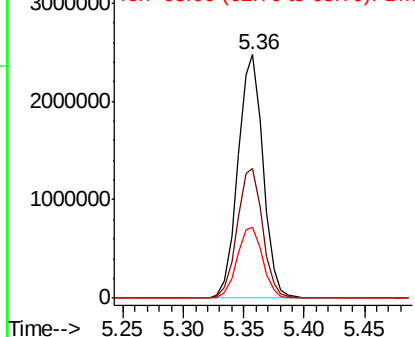
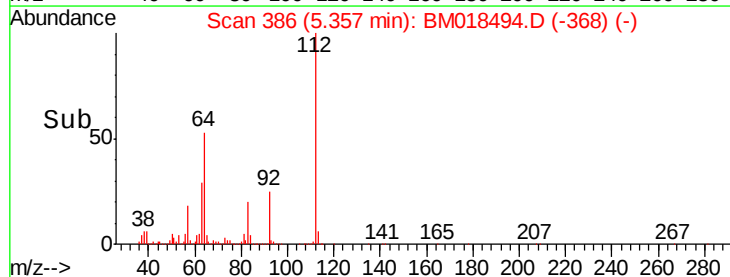


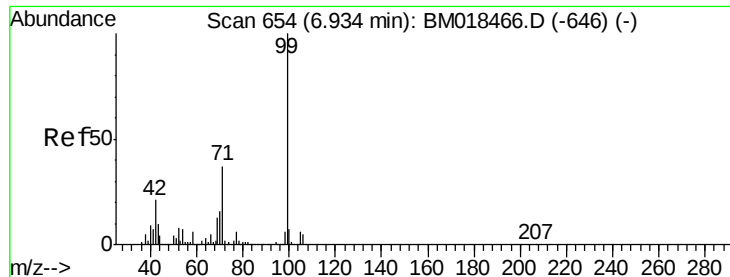
Abundance

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: 108.014 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018494.D

Acq: 10 Jan 2019 05:08

Instrument :

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ClientSampleId :

JC-03-010819-I

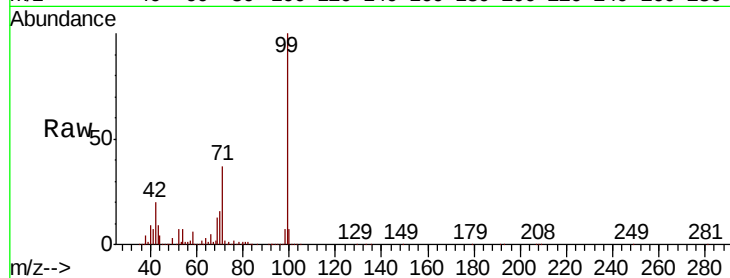
Tot Ion: 99 Resp: 4235936

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

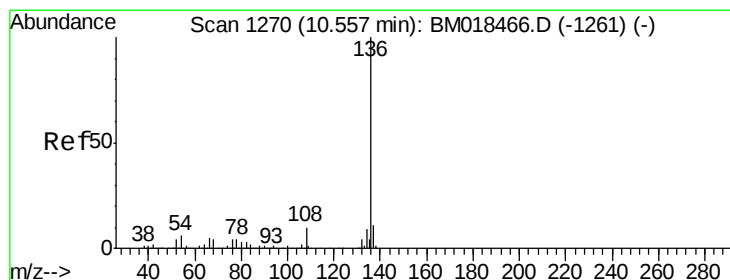
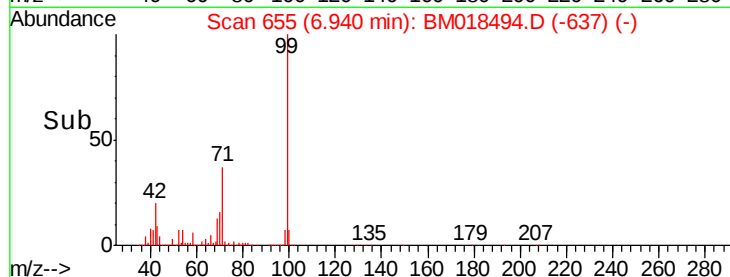
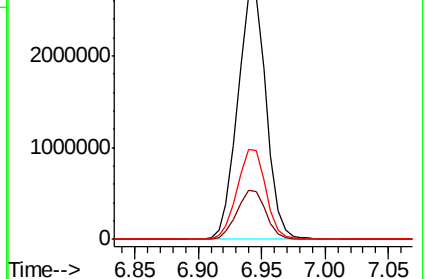
71 36.9 28.0 42.0



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: BM018494.D

Acq: 10 Jan 2019 05:08

Tgt Ion: 136 Resp: 2436441

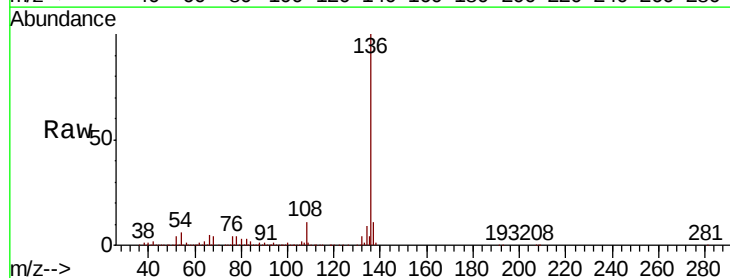
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.2 6.0 9.0

68 4.5 4.5 6.7#

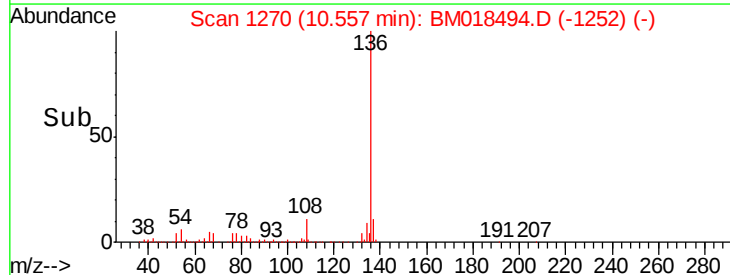
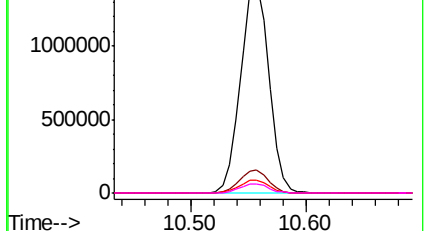


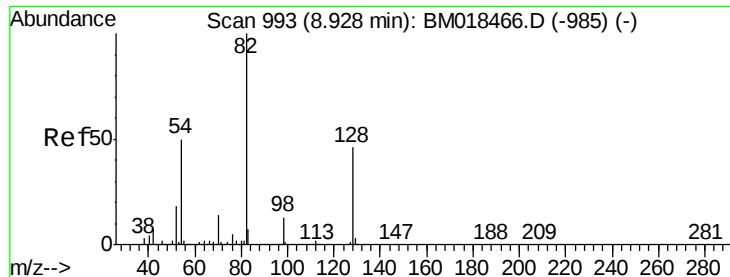
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

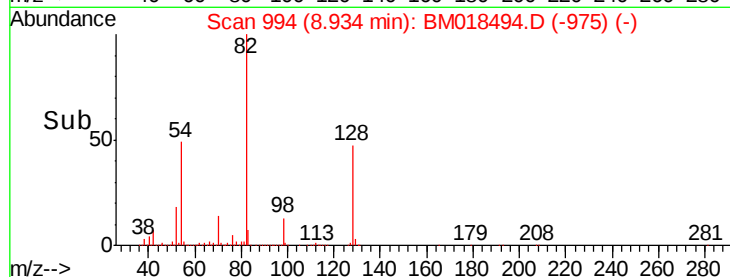
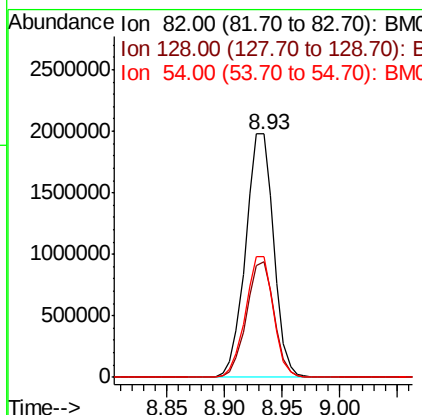
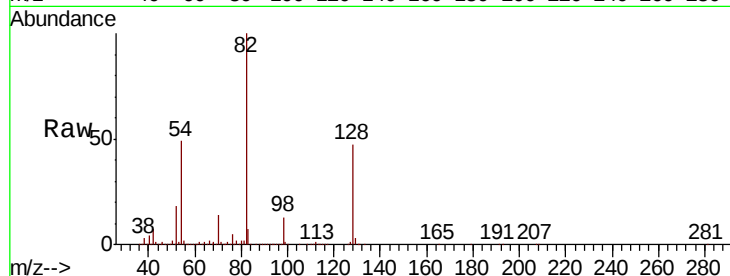




#23
Nitrobenzene-d5
Concen: 79.653 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

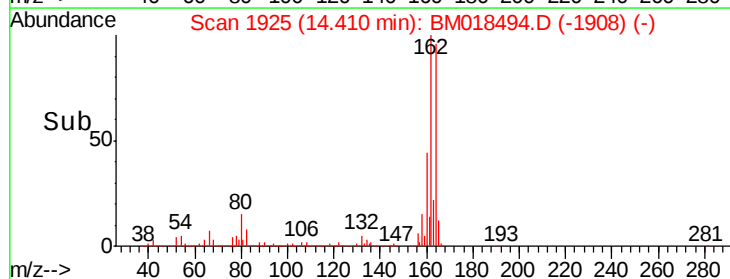
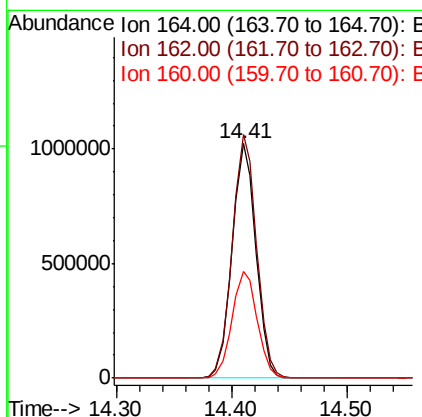
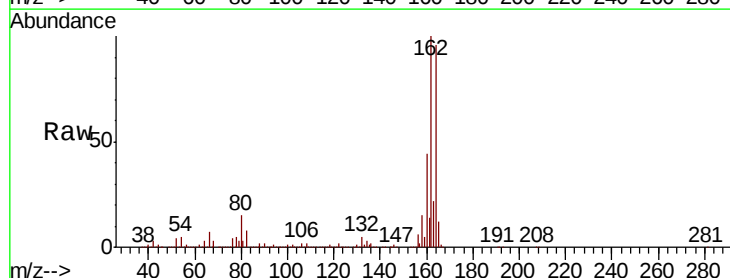
Instrument :
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ClientSampleId :
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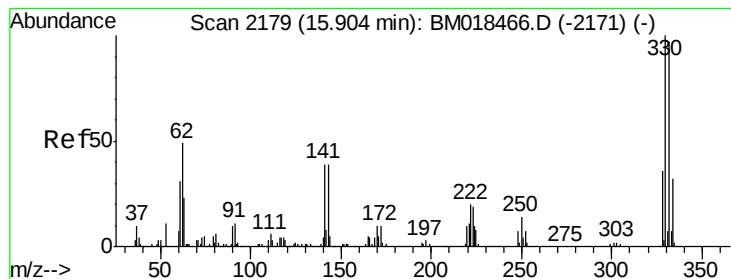
Tot Ion: 82 Resp: 3347708
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 49.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

Tgt Ion: 164 Resp: 1462018
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 45.3 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 135.783 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018494.D

Acq: 10 Jan 2019 05:08

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-I

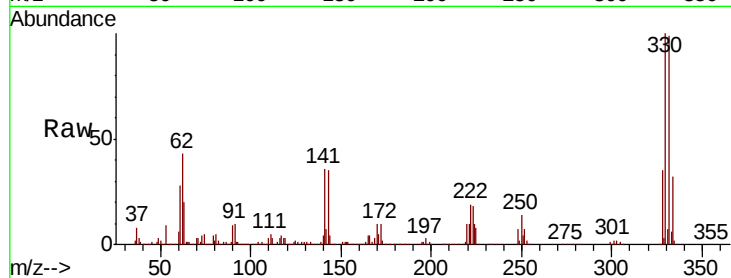
Tot Ion:330 Resp: 2527682

Ion Ratio Lower Upper

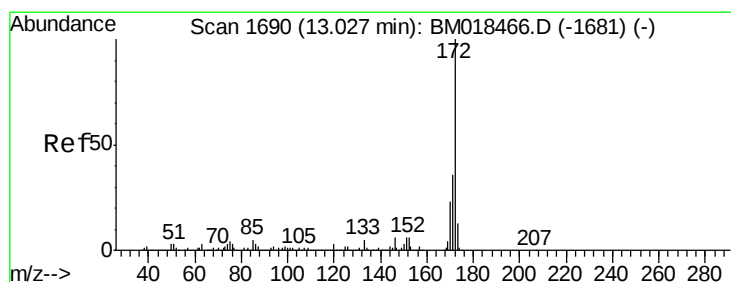
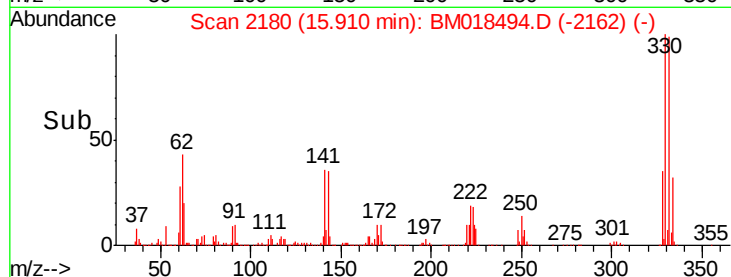
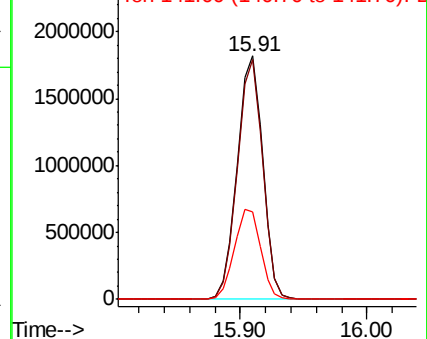
330 100

332 97.1 77.6 116.4

141 38.0 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: 78.496 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018494.D

Acq: 10 Jan 2019 05:08

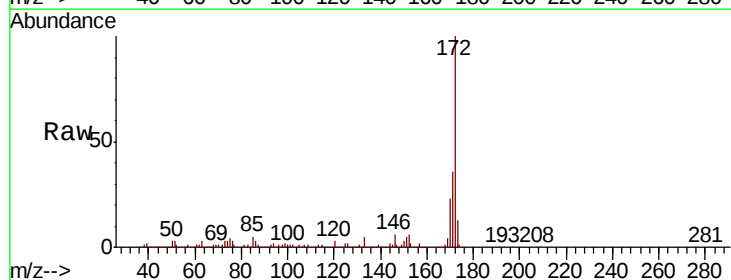
Tgt Ion:172 Resp: 8794949

Ion Ratio Lower Upper

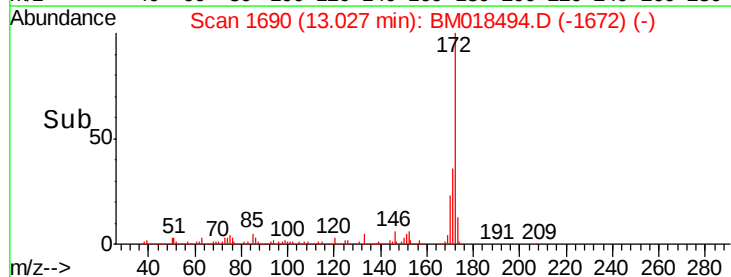
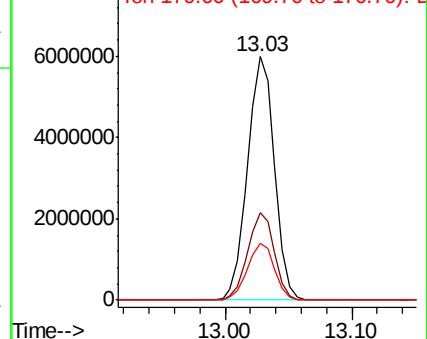
172 100

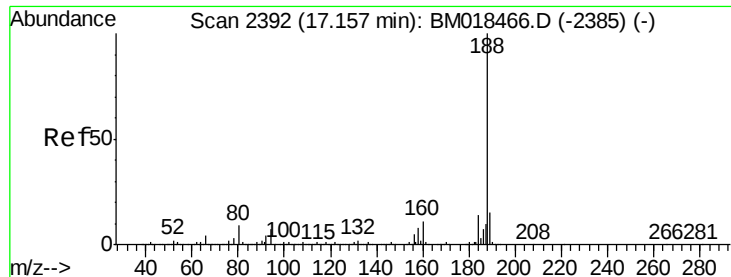
171 35.9 28.2 42.4

170 23.4 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

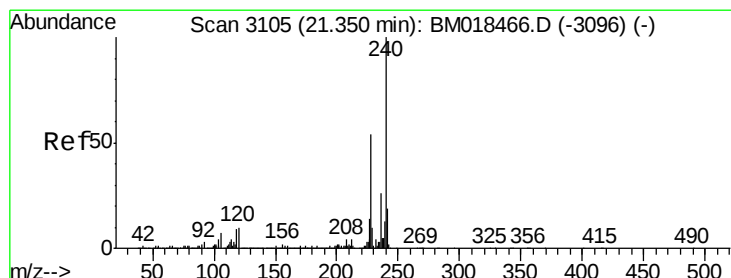
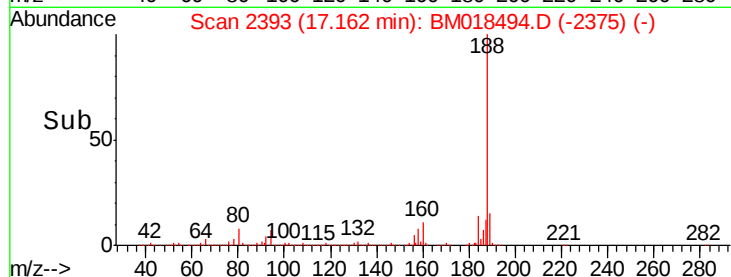
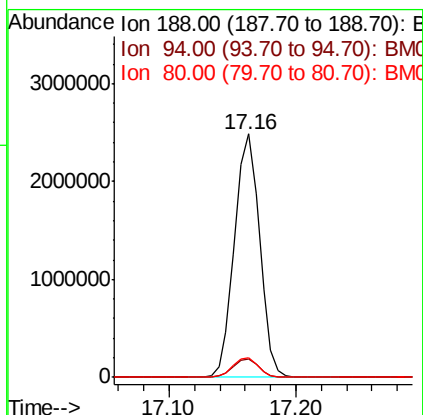
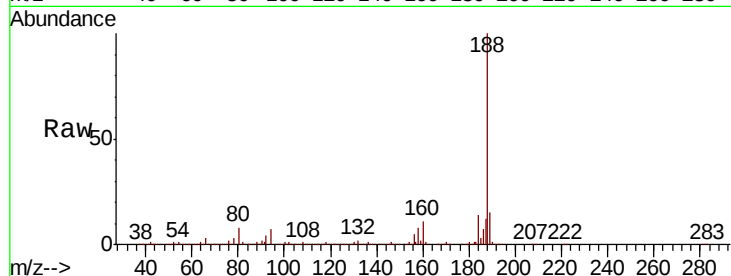




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

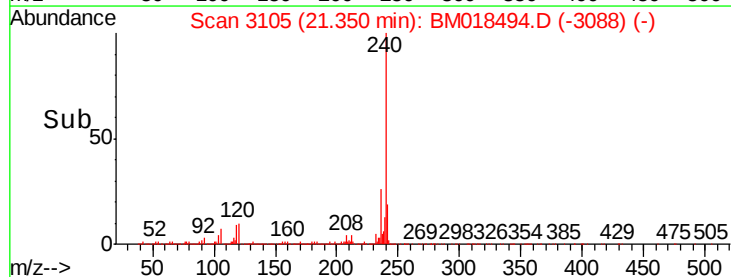
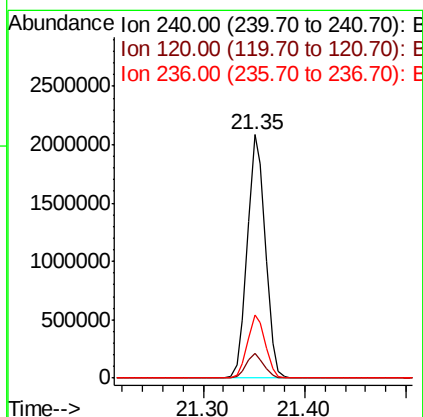
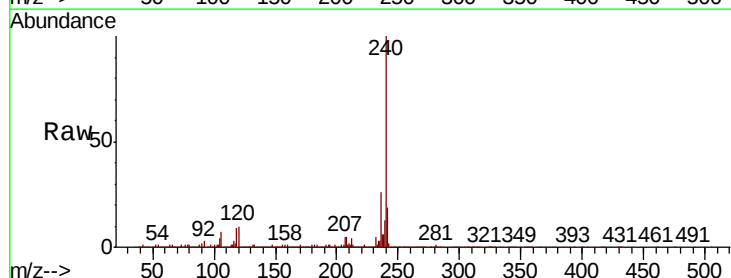
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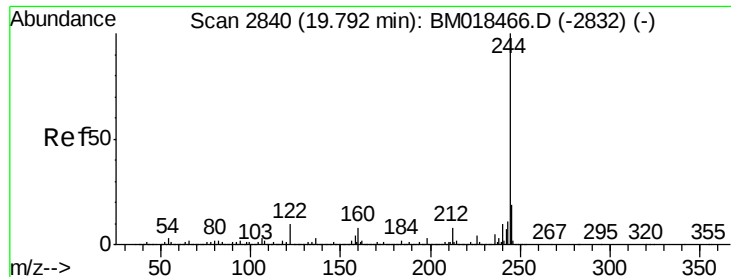
Tot Ion:188 Resp: 3409250
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018494.D
Acq: 10 Jan 2019 05:08

Tgt Ion:240 Resp: 2579905
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.8 20.7 31.1

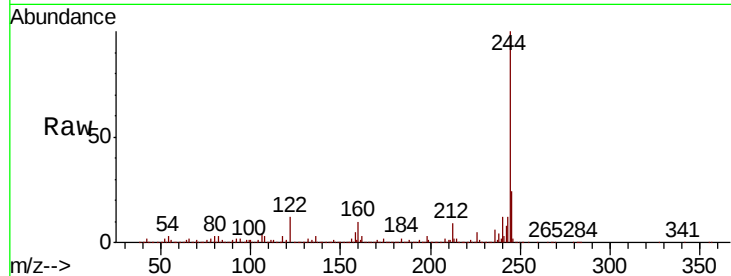




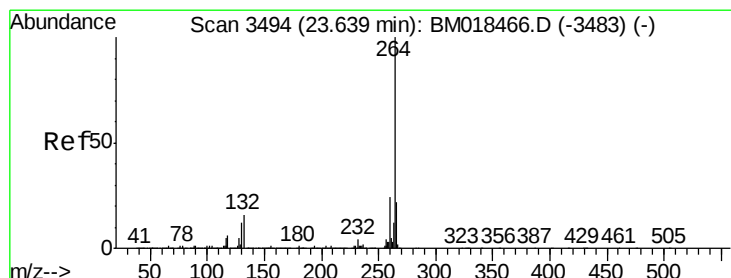
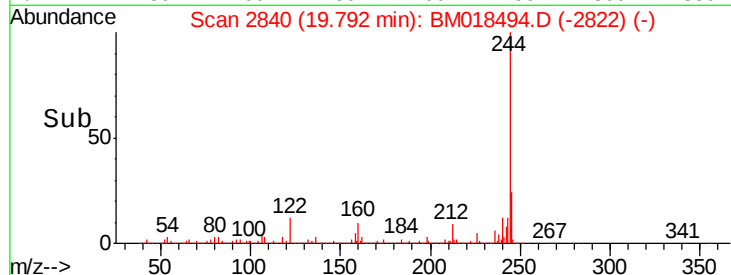
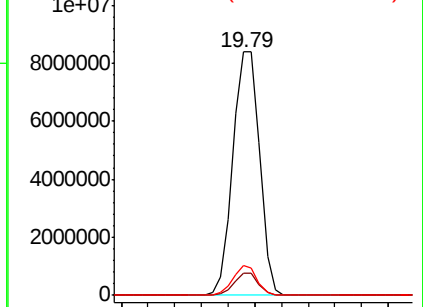
#79
 Terphenyl-d14
 Concen: 95.798 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018494.D
 Acq: 10 Jan 2019 05:08

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

Tot Ion:244 Resp:11724207
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.9 8.9#
 122 12.4 9.0 13.4

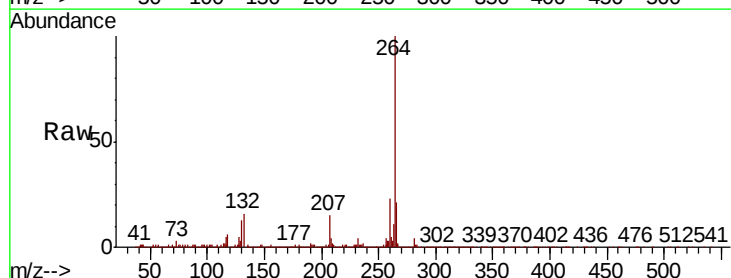


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: BM018494.D
 Acq: 10 Jan 2019 05:08

Tgt Ion:264 Resp: 2405861
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.5 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

