

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018579.D
 Acq On : 16 Jan 2019 12:01
 Operator : JU/SJ
 Sample : K1139-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1

Quant Time: Jan 16 13:44:31 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

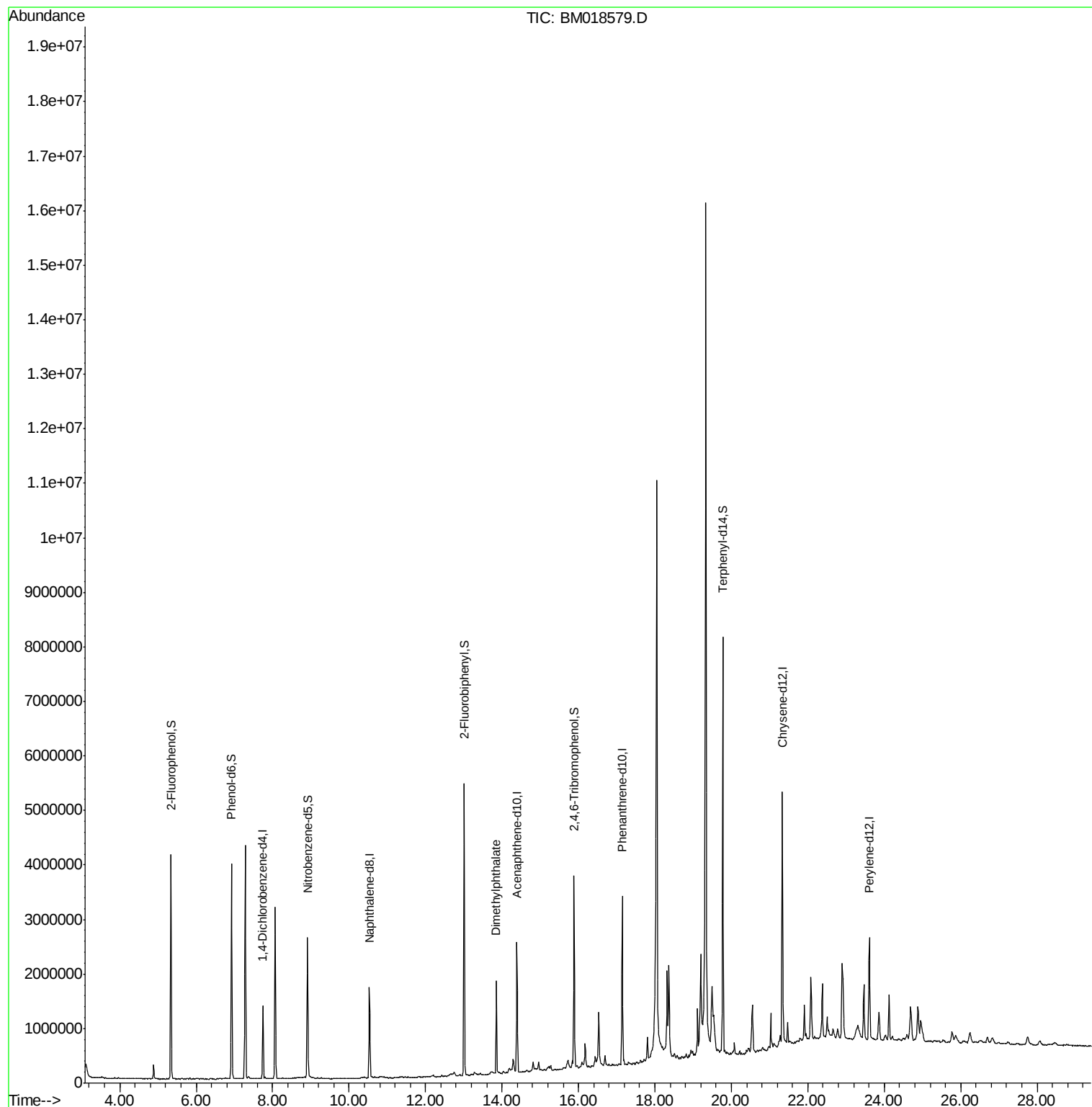
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	363145	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1408963	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	795893	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1772465	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1640973	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1360670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1675927	85.22	ng	-0.01
7) Phenol-d6	6.92	99	2206864	88.35	ng	-0.01
23) Nitrobenzene-d5	8.91	82	1410297	58.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	595075	58.72	ng	-0.02
45) 2-Fluorobiphenyl	13.01	172	2640135	43.28	ng	-0.01
79) Terphenyl-d14	19.77	244	3358749	43.15	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.85	163	1060038	16.217	ng	Qvalue 97

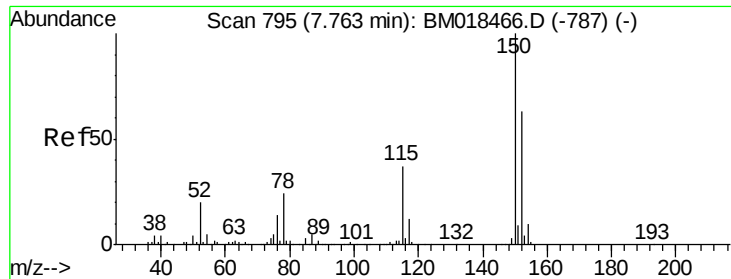
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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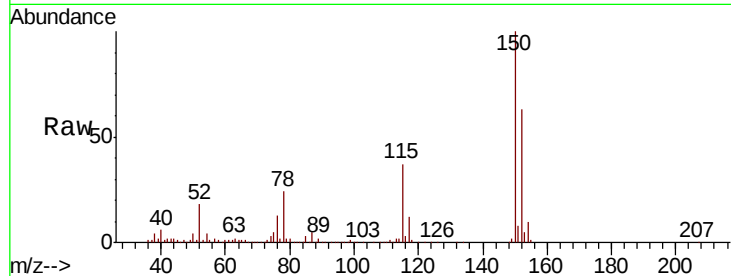


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	58.2	45.5	68.3

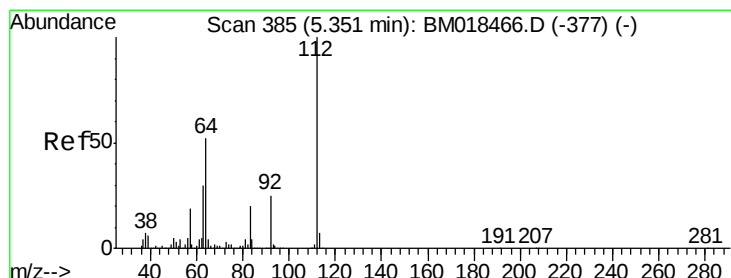
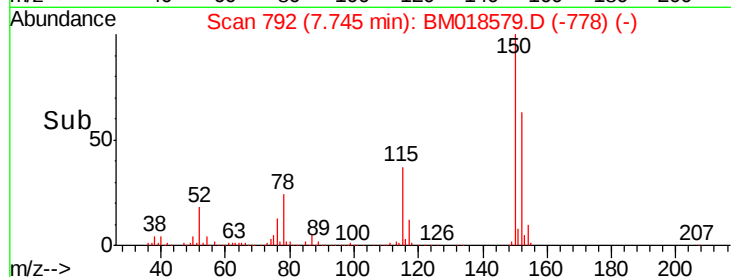
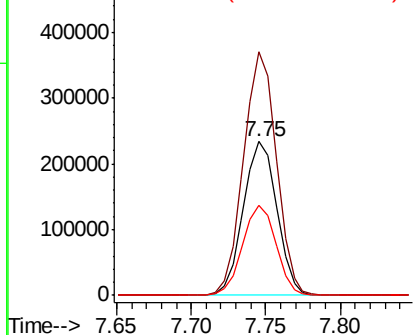


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

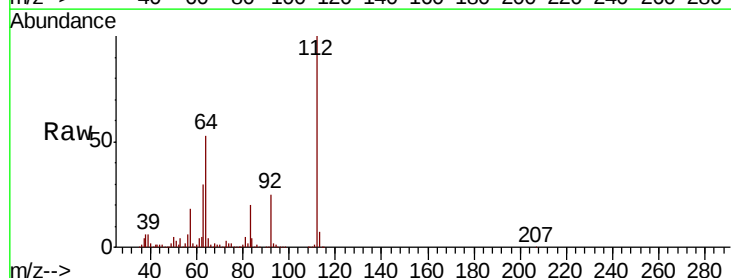
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.216 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.7	25.2	37.8

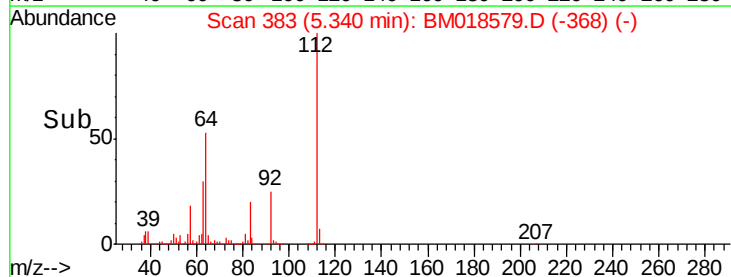
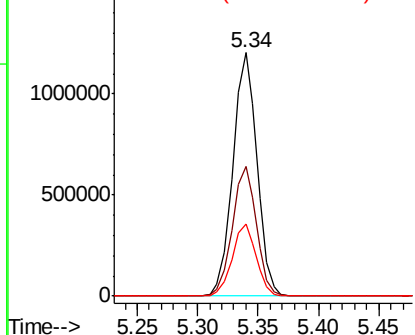


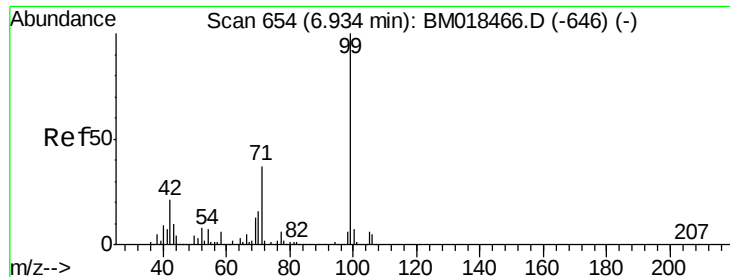
Abundance

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: 88.348 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018579.D

Acq: 16 Jan 2019 12:01

Instrument :

BNA_M

ClientSampleId :

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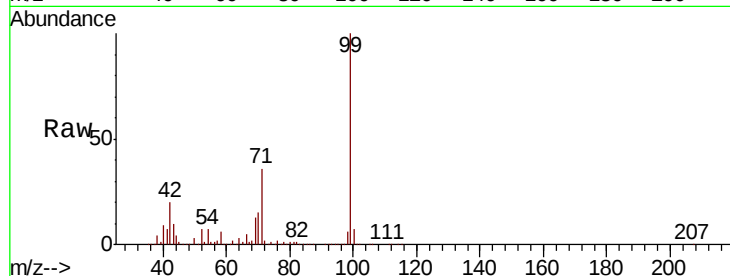
Tot Ion: 99 Resp: 2206864

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

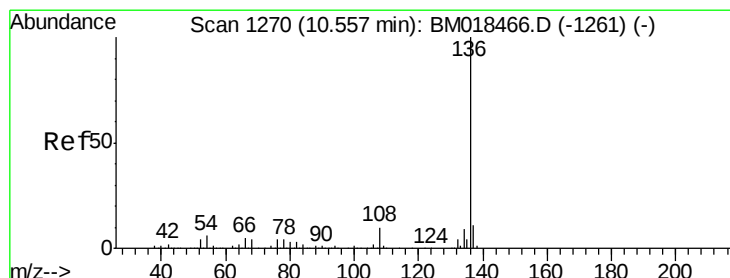
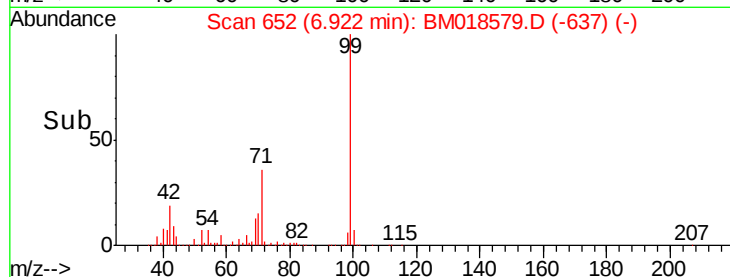
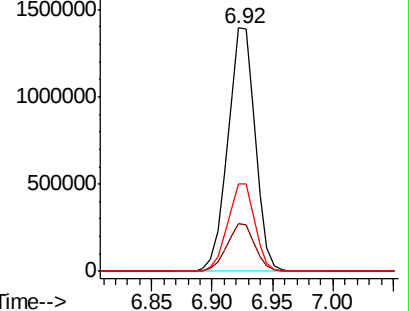
71 36.1 28.0 42.0



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: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018579.D

Acq: 16 Jan 2019 12:01

Tgt Ion: 136 Resp: 1408963

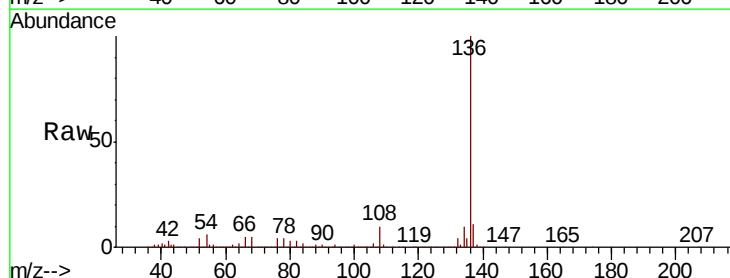
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.1 6.0 9.0

68 4.5 4.5 6.7

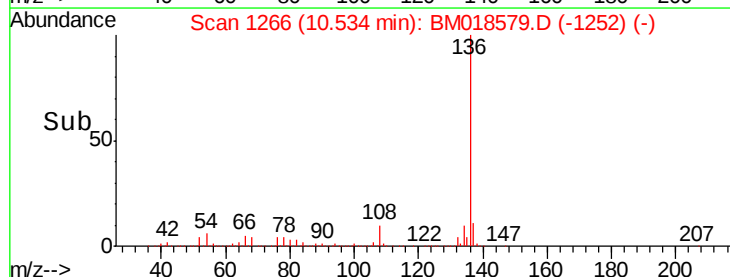
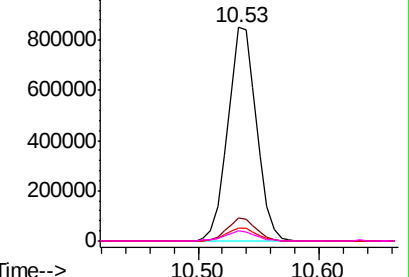


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

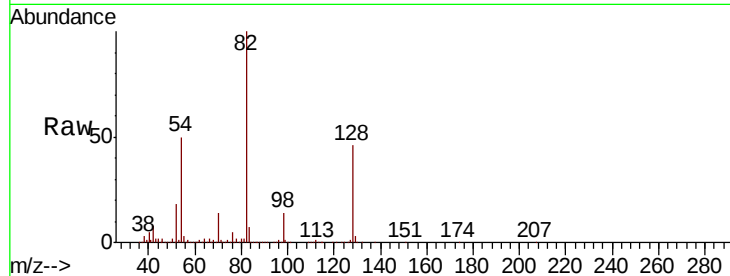




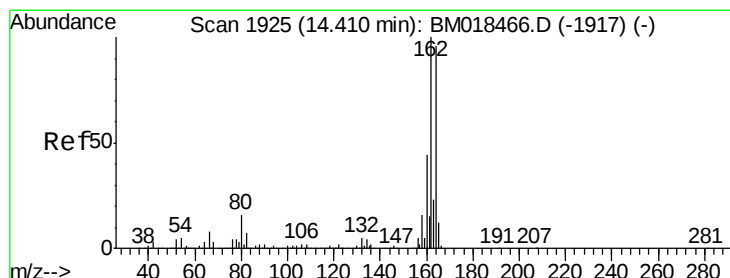
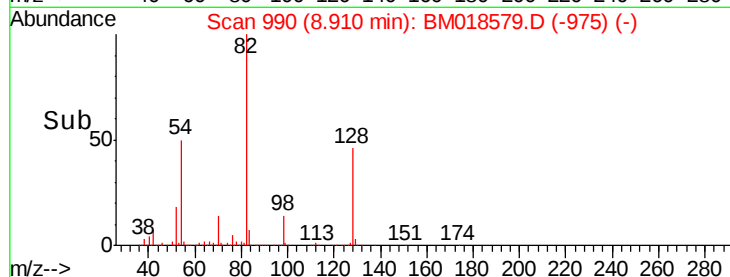
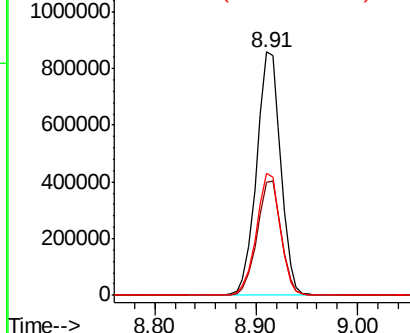
#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Instrument :
BNA_M
ClientSampleId :
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Tot Ion: 82 Resp: 1410297
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 50.0 41.7 62.5

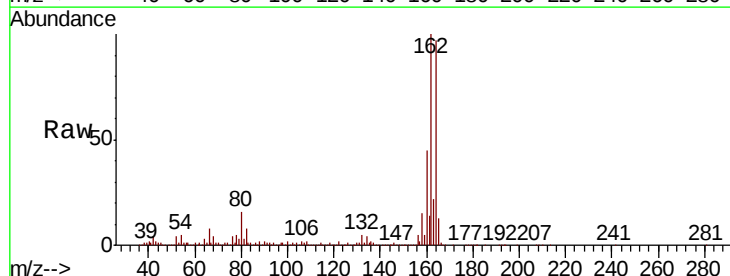


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)
Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)
Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)

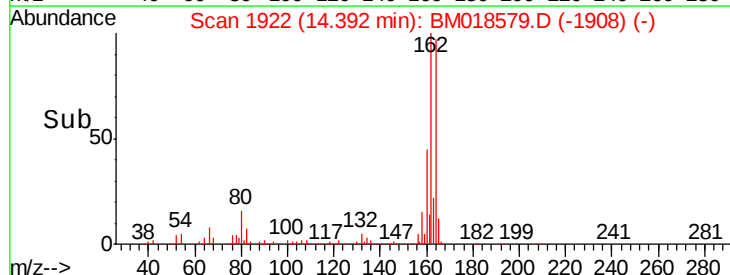
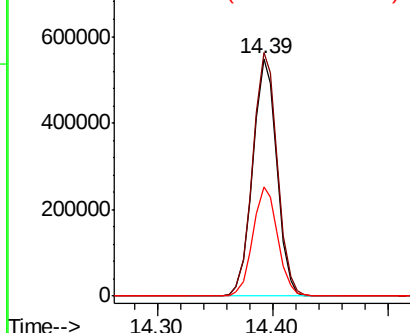


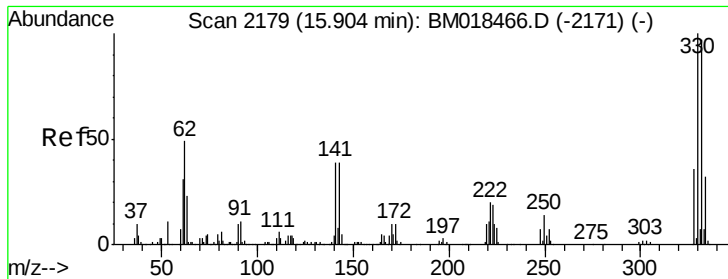
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Tgt Ion:164 Resp: 795893
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 45.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)
Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)
Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)





#42

2,4,6-Tribromophenol

Concen: 58.721 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018579.D

Acq: 16 Jan 2019 12:01

Instrument :

BNA_M

ClientSampleId :

S-1

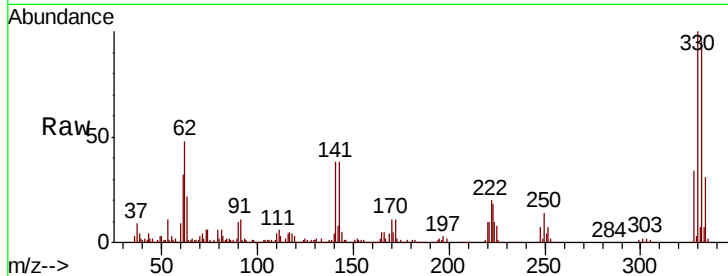
Tot Ion:330 Resp: 595075

Ion Ratio Lower Upper

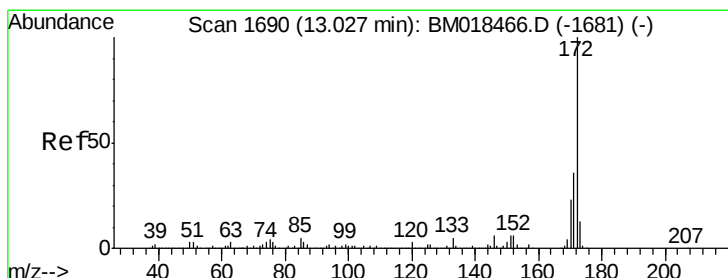
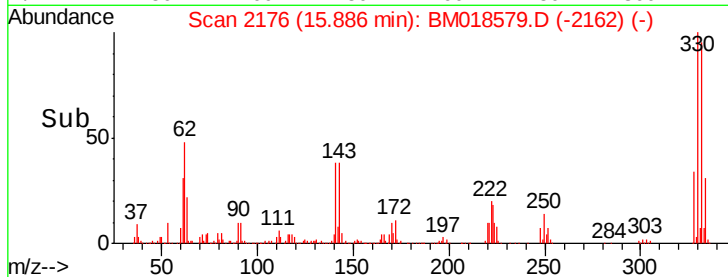
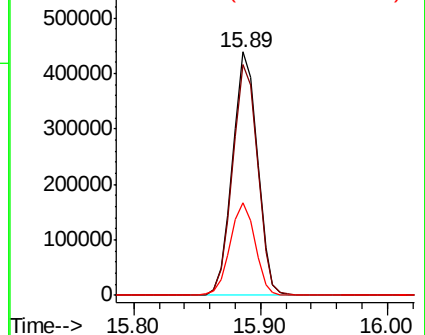
330 100

332 95.5 77.6 116.4

141 37.9 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: 43.285 ng

RT: 13.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BM018579.D

Acq: 16 Jan 2019 12:01

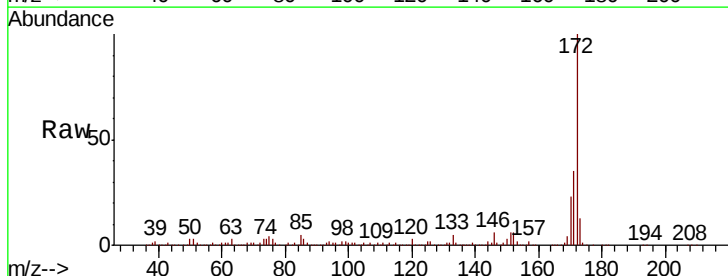
Tgt Ion:172 Resp: 2640135

Ion Ratio Lower Upper

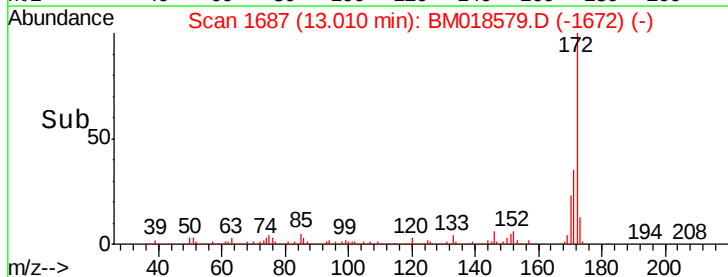
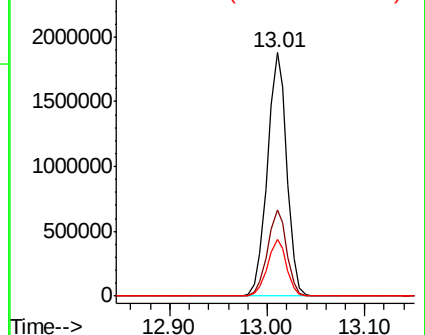
172 100

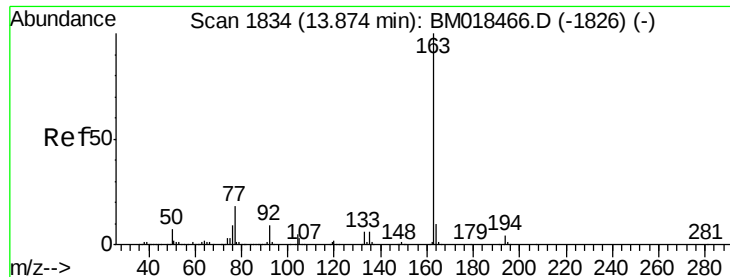
171 35.2 28.2 42.4

170 23.1 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

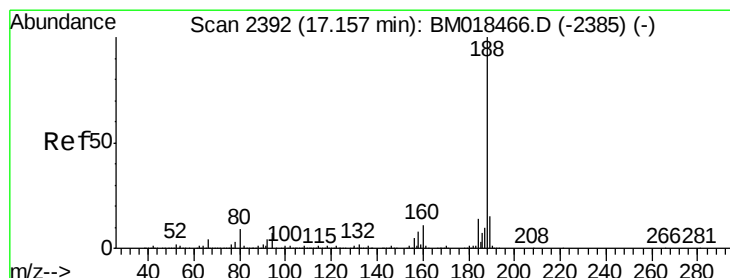
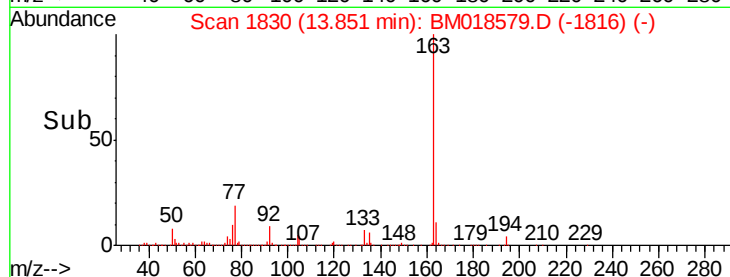
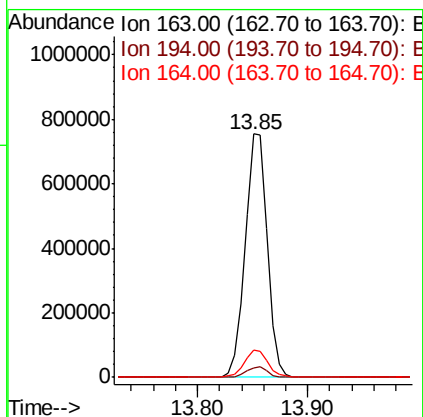
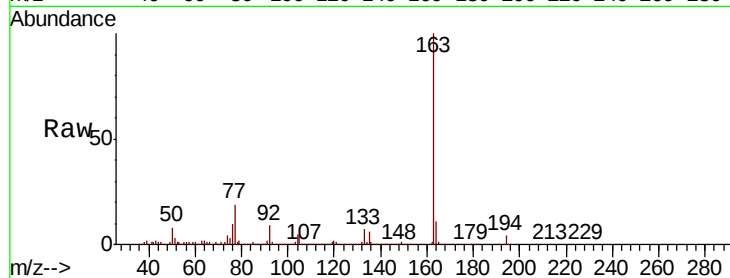




#50
Dimethylphthalate
Concen: 16.217 ng
RT: 13.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

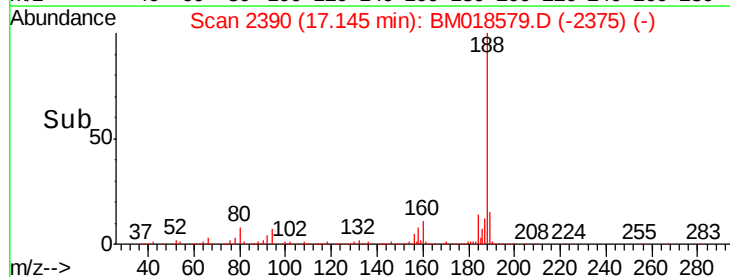
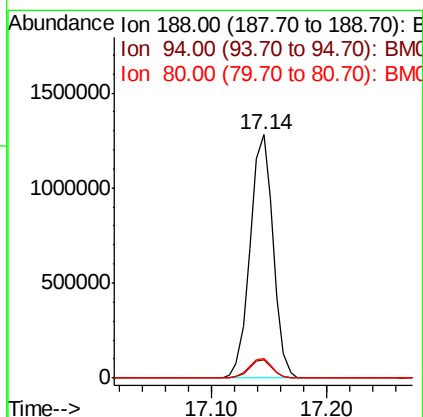
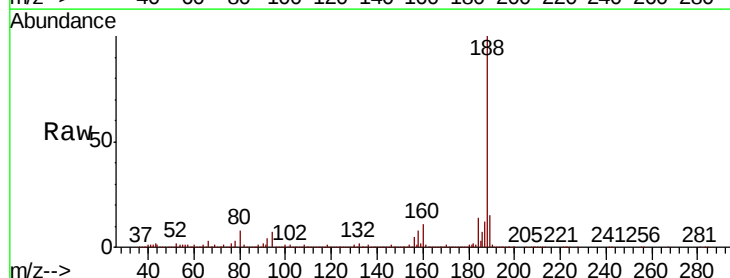
Instrument :
BNA_M
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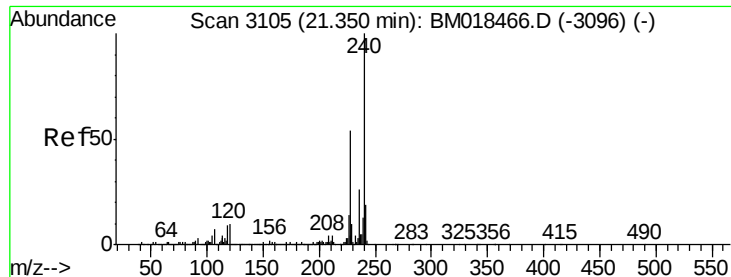
Tot Ion:163 Resp: 1060038
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 11.4 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Tgt Ion:188 Resp: 1772465
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.1 7.6 11.4

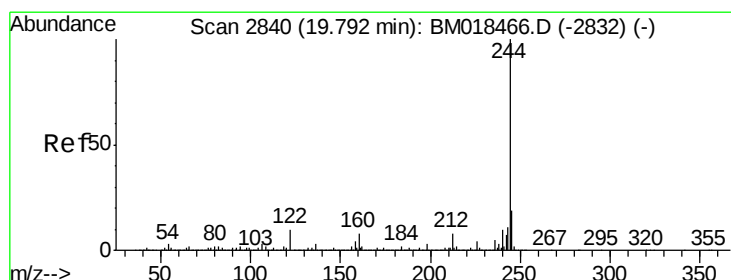
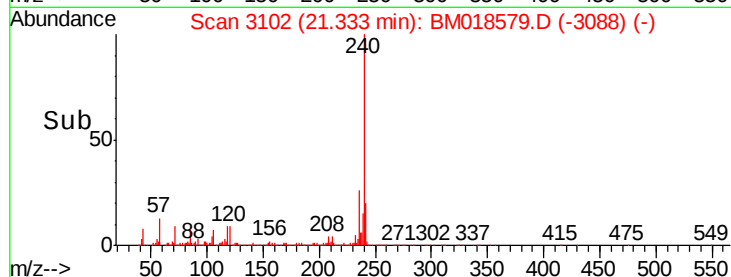
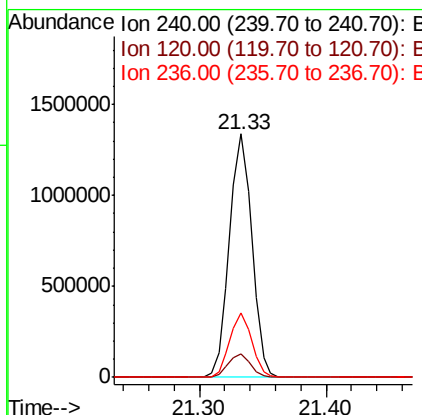
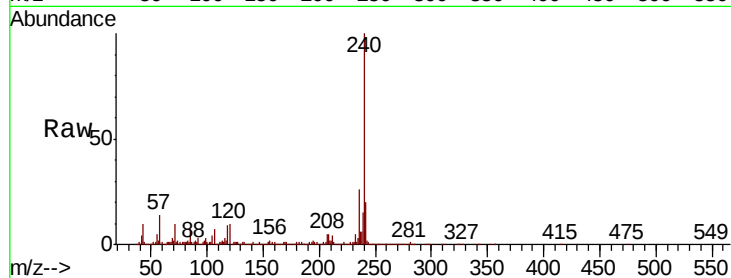




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM018579.D
 Acq: 16 Jan 2019 12:01

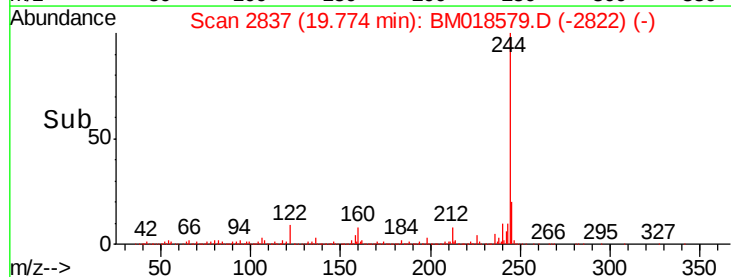
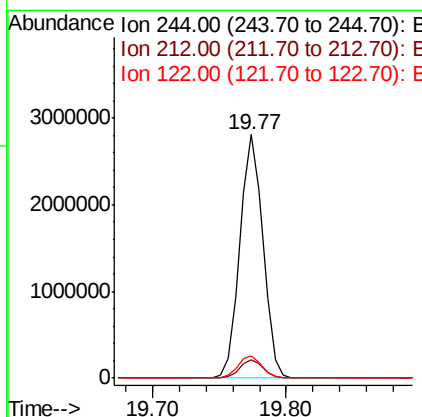
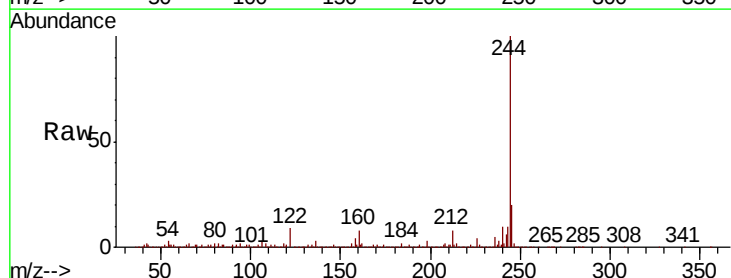
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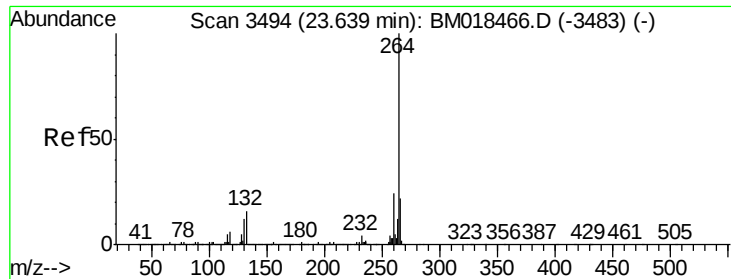
Tot Ion:240 Resp: 1640973
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.4 12.6
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 43.147 ng
 RT: 19.77 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BM018579.D
 Acq: 16 Jan 2019 12:01

Tgt Ion:244 Resp: 3358749
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM018579.D
Acq: 16 Jan 2019 12:01

Instrument :
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ClientSampleId :
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Tot Ion: 264 Resp: 1360670

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.0	16.8	25.2

