

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018672.D
 Acq On : 28 Jan 2019 19:57
 Operator : JU/SJ
 Sample : K1011-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-A

Quant Time: Jan 29 00:43:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	183947	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	706983	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	396965	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	917436	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	950440	20.00	ng	-0.02
87) Perylene-d12	23.59	264	969596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1414981	142.04	ng	-0.01
7) Phenol-d6	6.90	99	1629861	128.81	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1217347	99.82	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	826145	163.45	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2983768	98.08	ng	-0.01
79) Terphenyl-d14	19.76	244	4819505	106.89	ng	-0.01

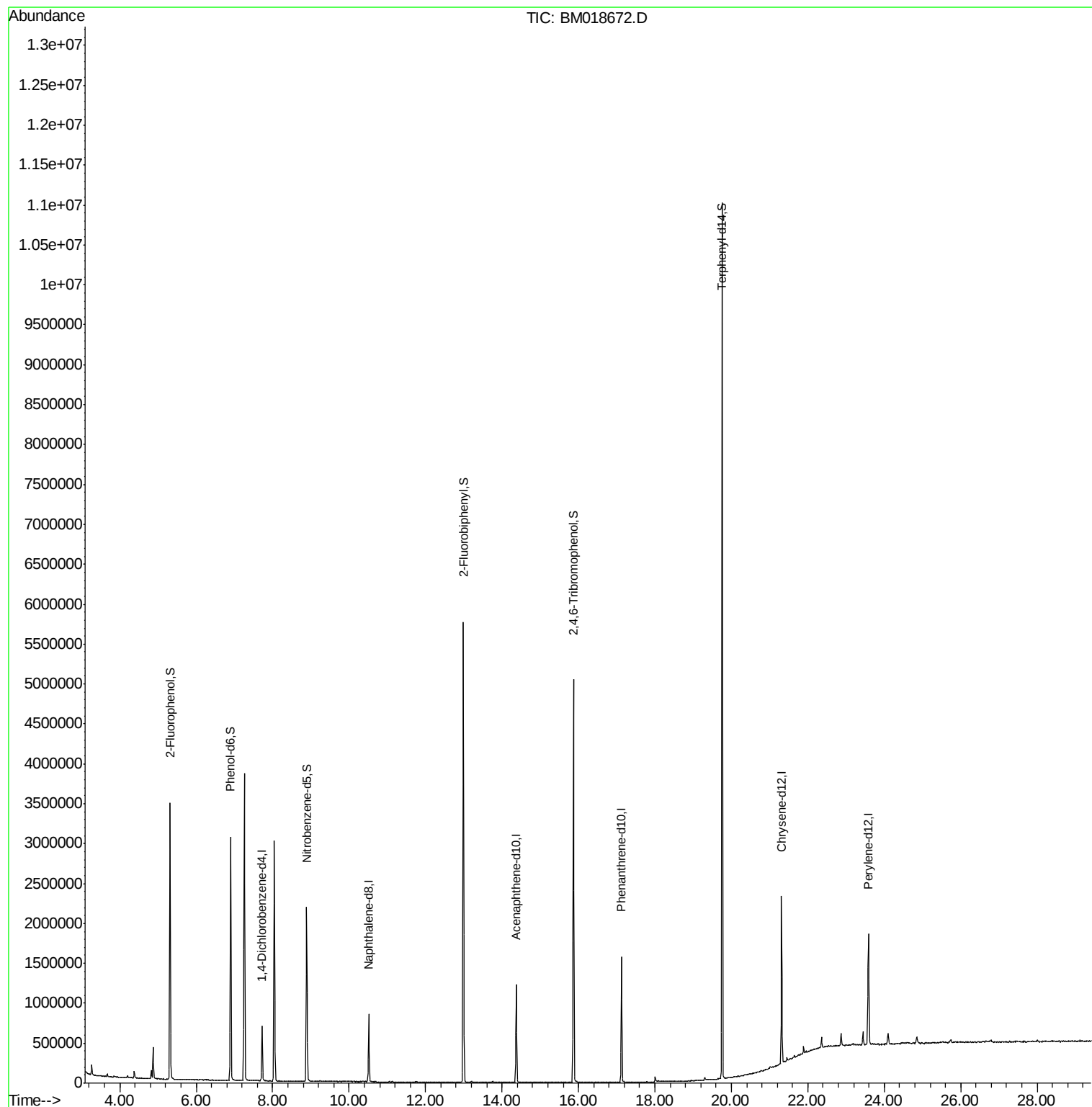
Target Compounds Qvalue

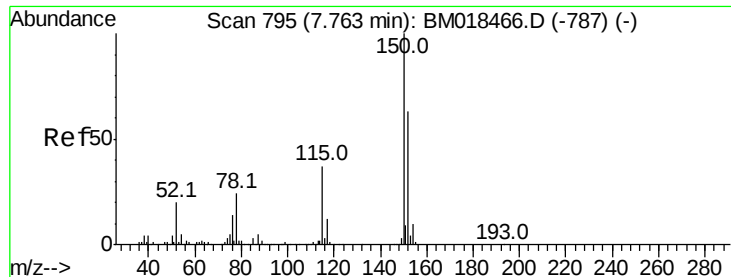
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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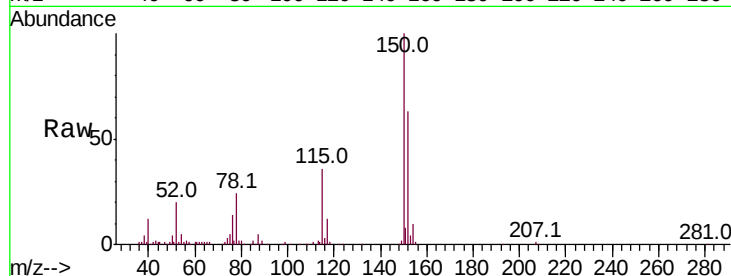


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.9	190.3
115	57.3	45.5	68.3

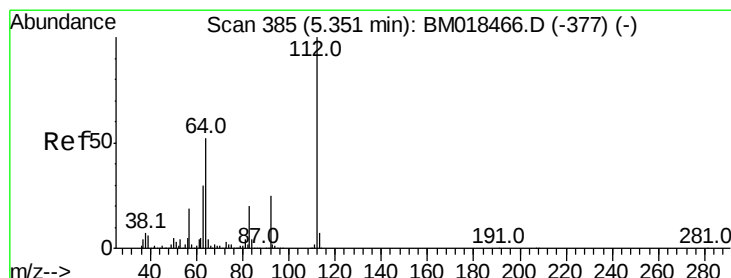
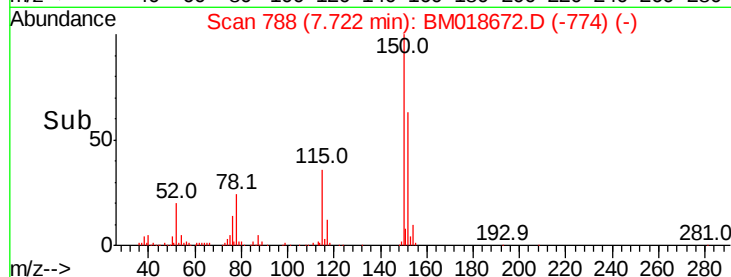
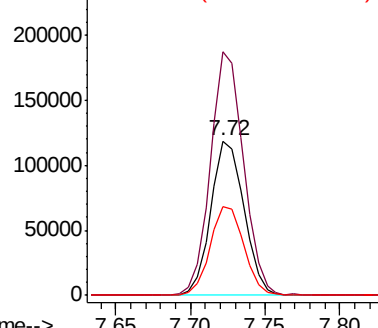


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

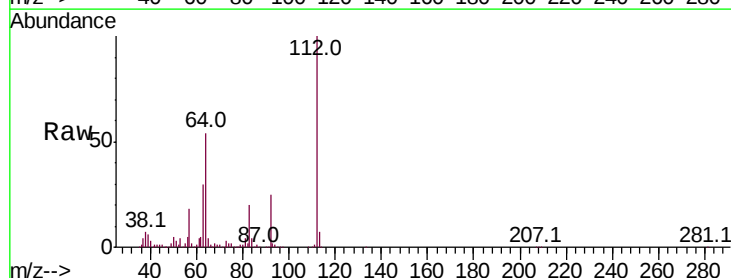
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.038 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.9	25.2	37.8

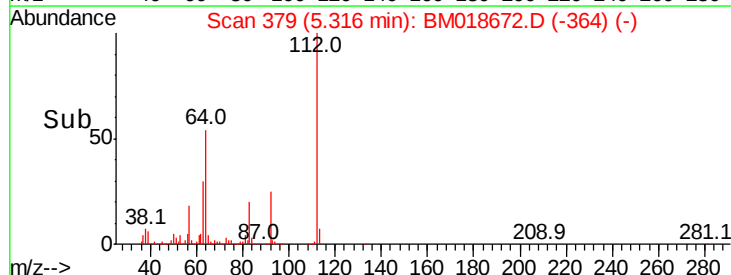
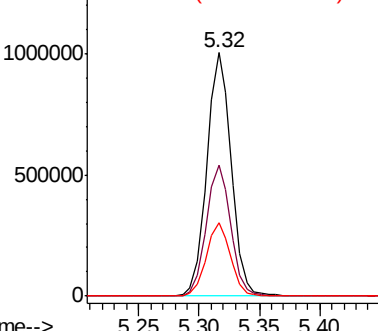


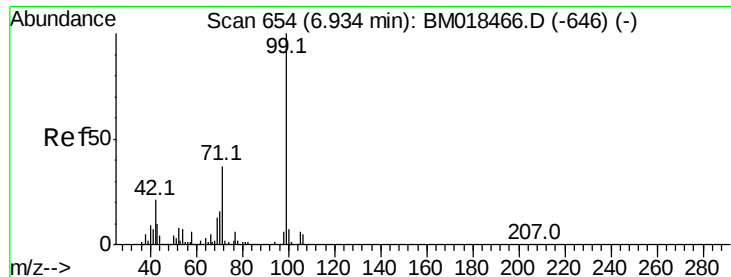
Abundance

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: 128.813 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018672.D

Acq: 28 Jan 2019 19:57

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-A

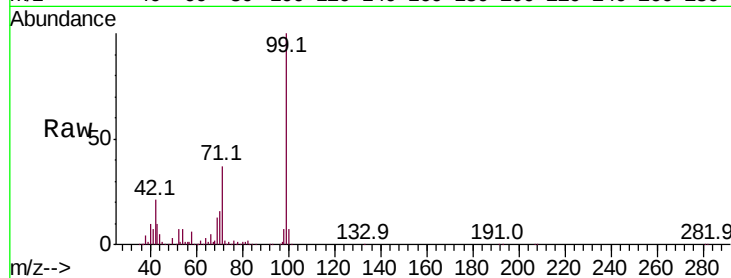
Tot Ion: 99 Resp: 1629861

Ion Ratio Lower Upper

99 100

42 20.6 17.3 25.9

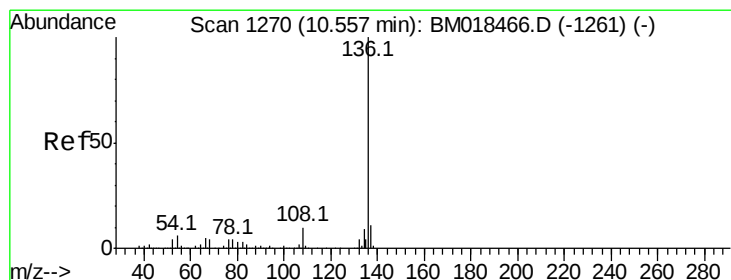
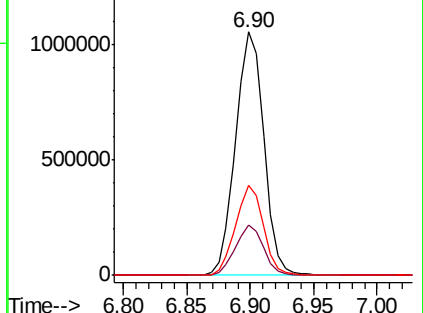
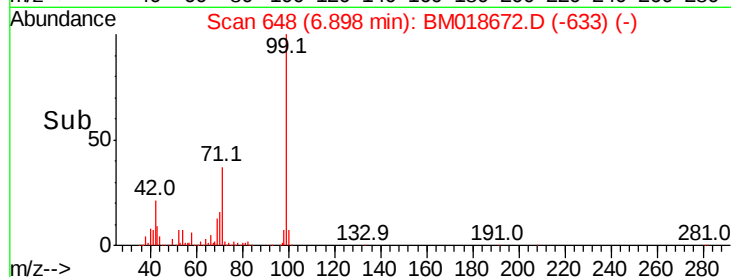
71 37.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018672.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018672.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018672.D (-633) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018672.D

Acq: 28 Jan 2019 19:57

Tgt Ion: 136 Resp: 706983

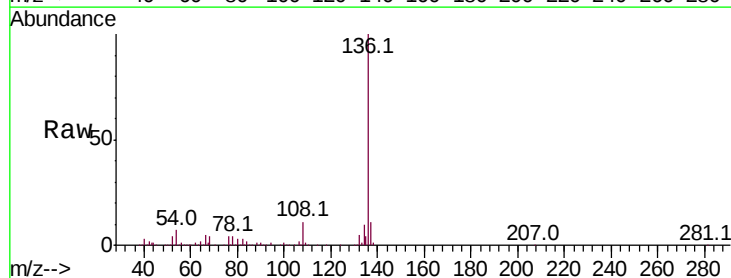
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 6.0 9.0

68 4.3 4.5 6.7#

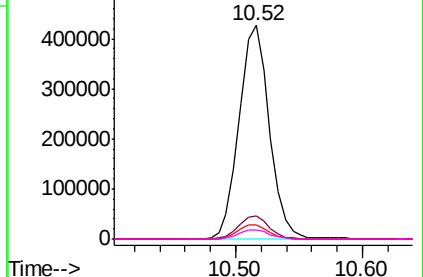
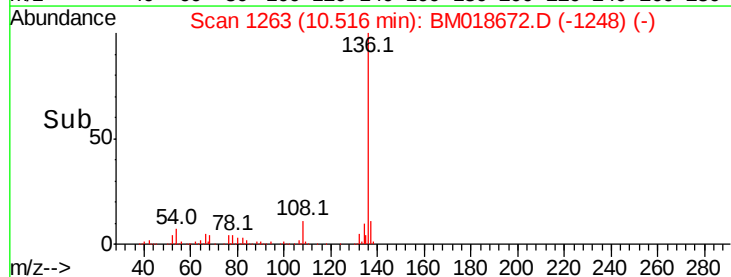


Abundance Ion 136.00 (135.70 to 136.70): BM018672.D (-1248) (-)

Ion 137.00 (136.70 to 137.70): BM018672.D (-1248) (-)

Ion 54.00 (53.70 to 54.70): BM018672.D (-1248) (-)

Ion 68.00 (67.70 to 68.70): BM018672.D (-1248) (-)

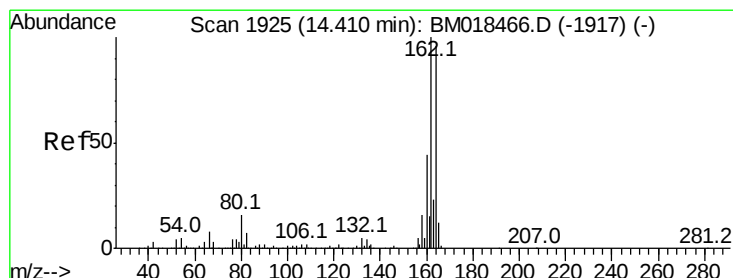
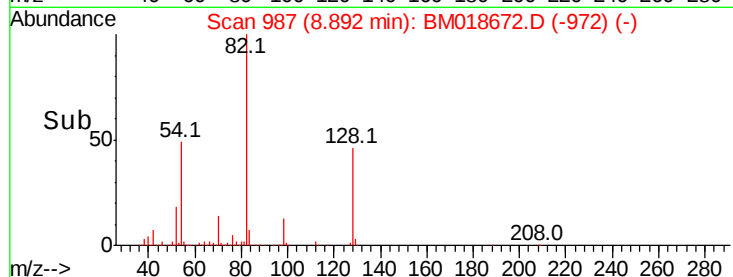
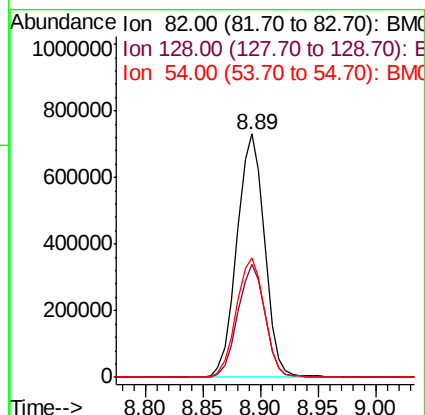
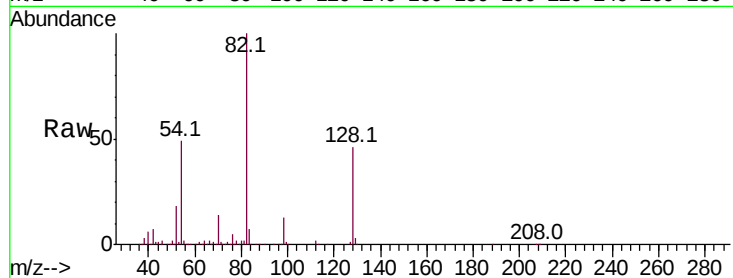




#23
Nitrobenzene-d5
Concen: 99.820 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

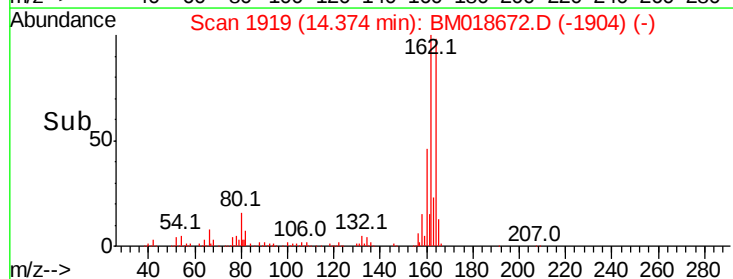
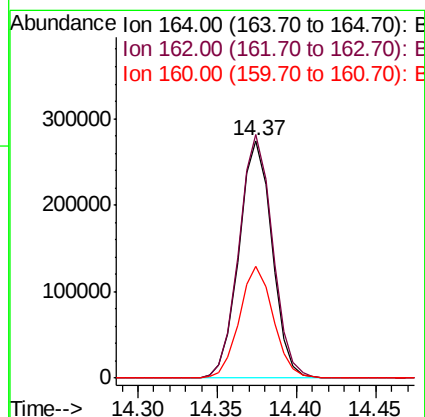
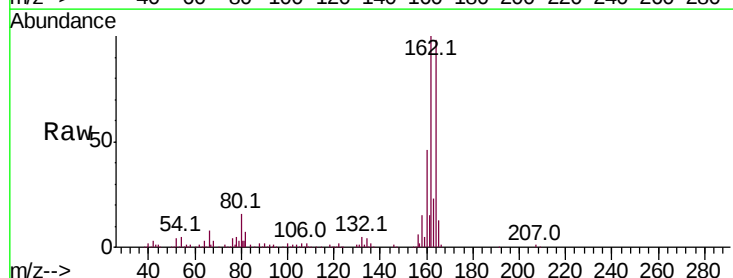
Instrument :
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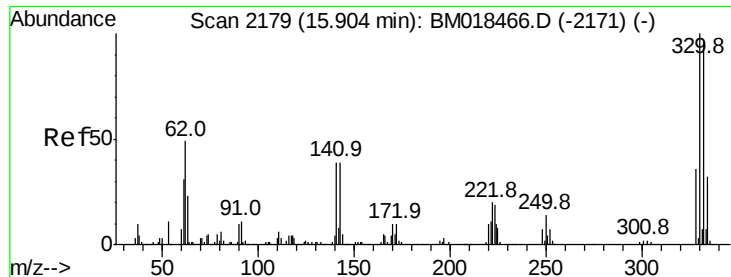
Tot Ion: 82 Resp: 1217347
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 49.0 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

Tgt Ion:164 Resp: 396965
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 46.8 37.1 55.7

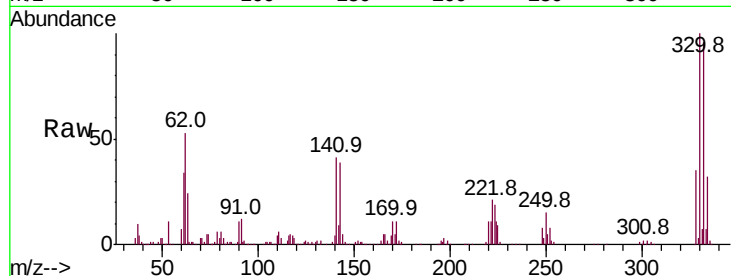




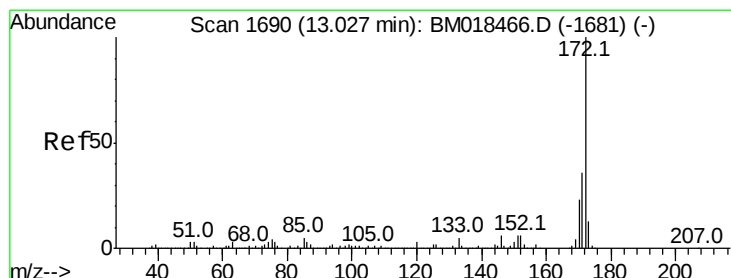
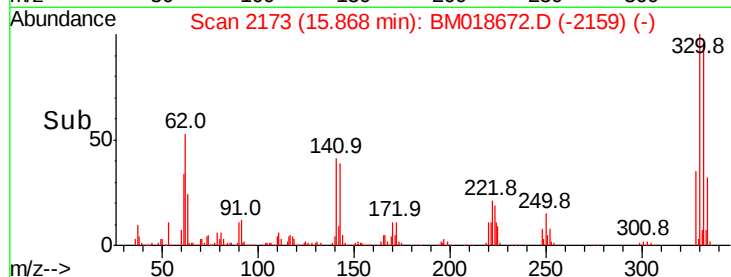
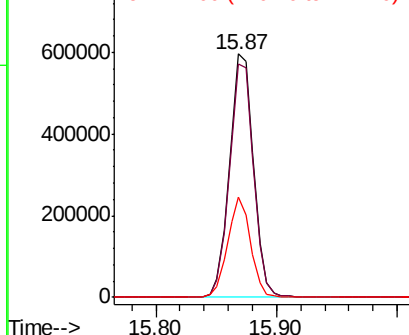
#42
 2,4,6-Tribromophenol
 Concen: 163.448 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018672.D
 Acq: 28 Jan 2019 19:57

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	39.1	31.7	47.5

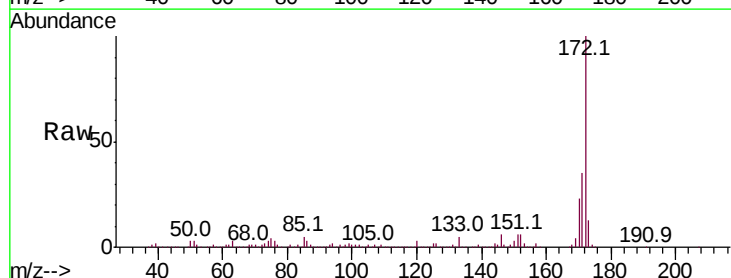


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

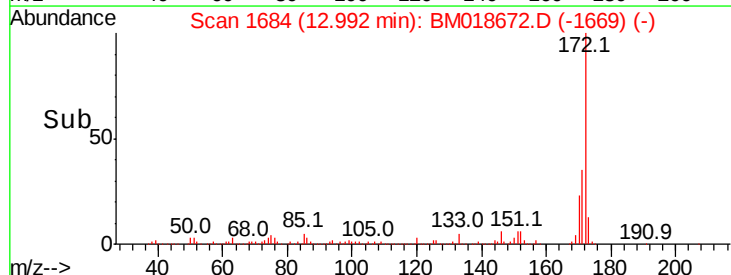
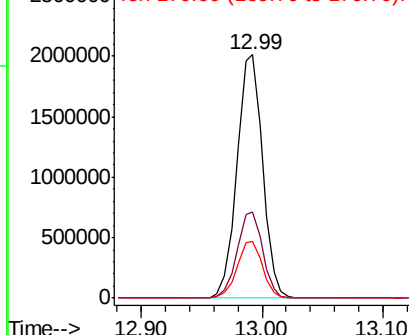


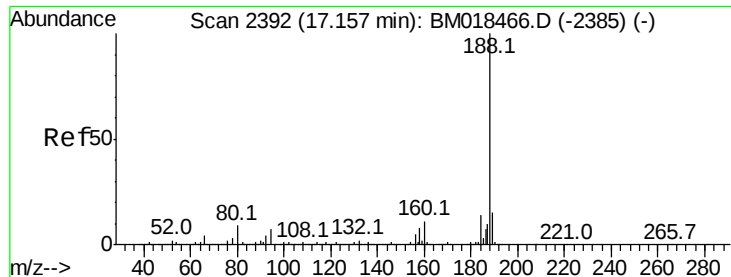
#45
 2-Fluorobiphenyl
 Concen: 98.079 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018672.D
 Acq: 28 Jan 2019 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

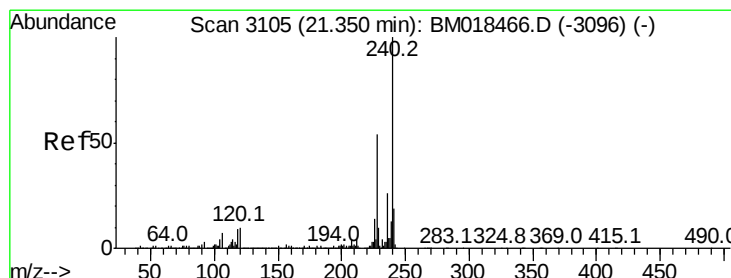
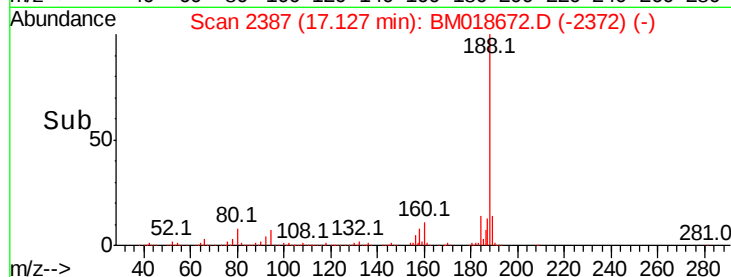
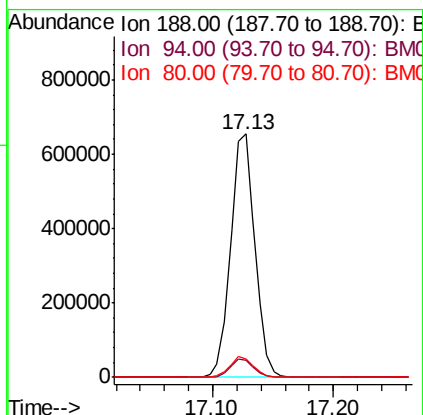
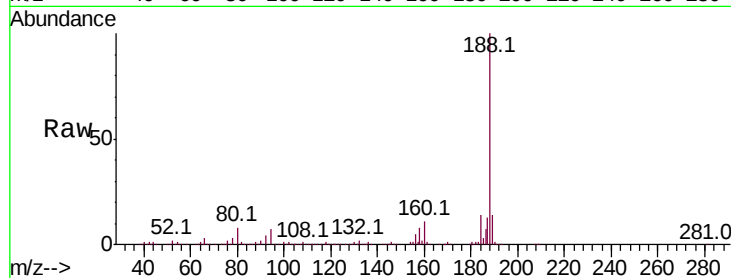




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

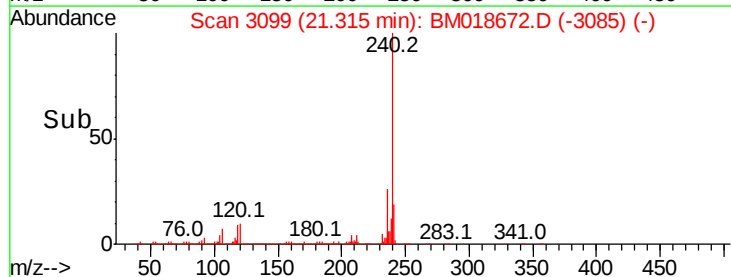
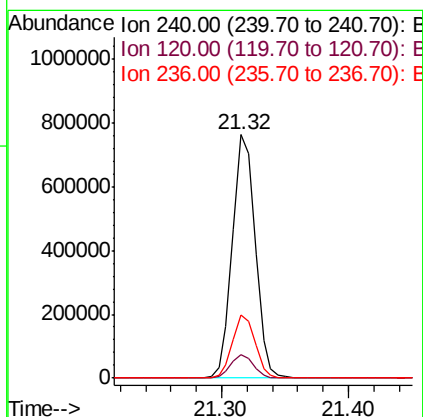
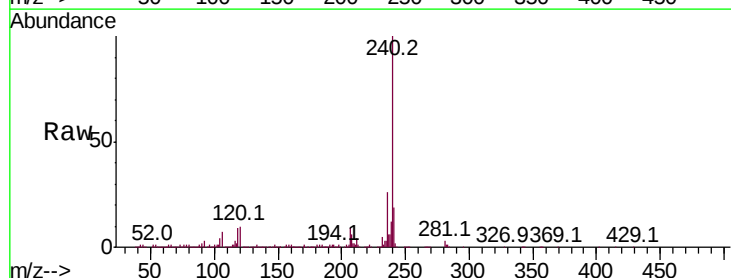
Instrument :
BNA_M
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OR-01-012519-A

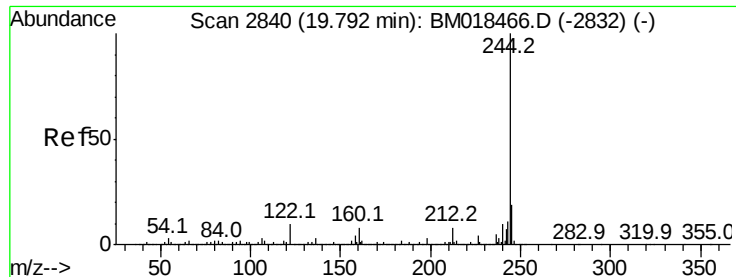
Tot Ion:188 Resp: 917436
Ion Ratio Lower Upper
188 100
94 6.8 7.1 10.7#
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018672.D
Acq: 28 Jan 2019 19:57

Tgt Ion:240 Resp: 950440
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.1 20.7 31.1



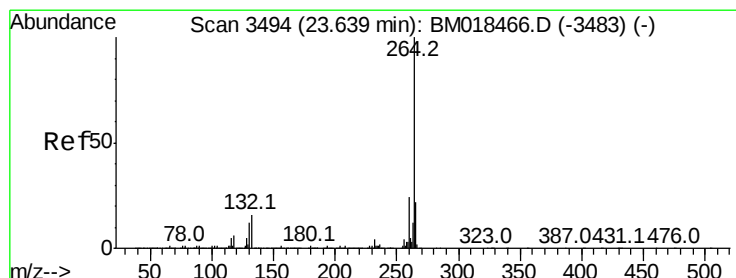
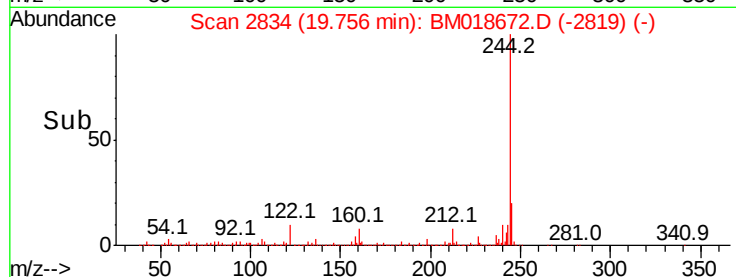
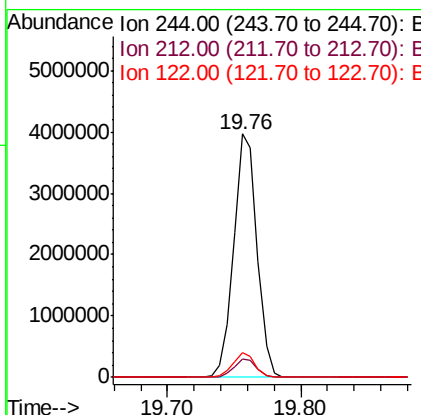
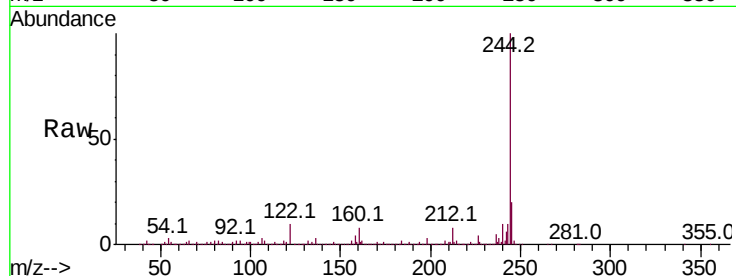


#79
 Terphenyl-d14
 Concen: 106.895 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018672.D
 Acq: 28 Jan 2019 19:57

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-A

Tot Ion:244 Resp: 4819505

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018672.D
 Acq: 28 Jan 2019 19:57

Tgt Ion:264 Resp: 969596

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.5	16.8	25.2

