

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017939.D
 Acq On : 05 Dec 2018 17:37
 Operator : JU/SJ
 Sample : J6194-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-120418-B

Quant Time: Dec 06 00:18:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	161759	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	588081	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	310100	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	622871	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	597622	20.00	ng	-0.03
87) Perylene-d12	23.36	264	616371	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	894880	93.36	ng	-0.04
7) Phenol-d6	6.76	99	981844	73.34	ng	-0.05
23) Nitrobenzene-d5	8.72	82	832608	73.09	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	468436	105.13	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1839715	76.97	ng	-0.05
79) Terphenyl-d14	19.62	244	2287689	86.76	ng	-0.03

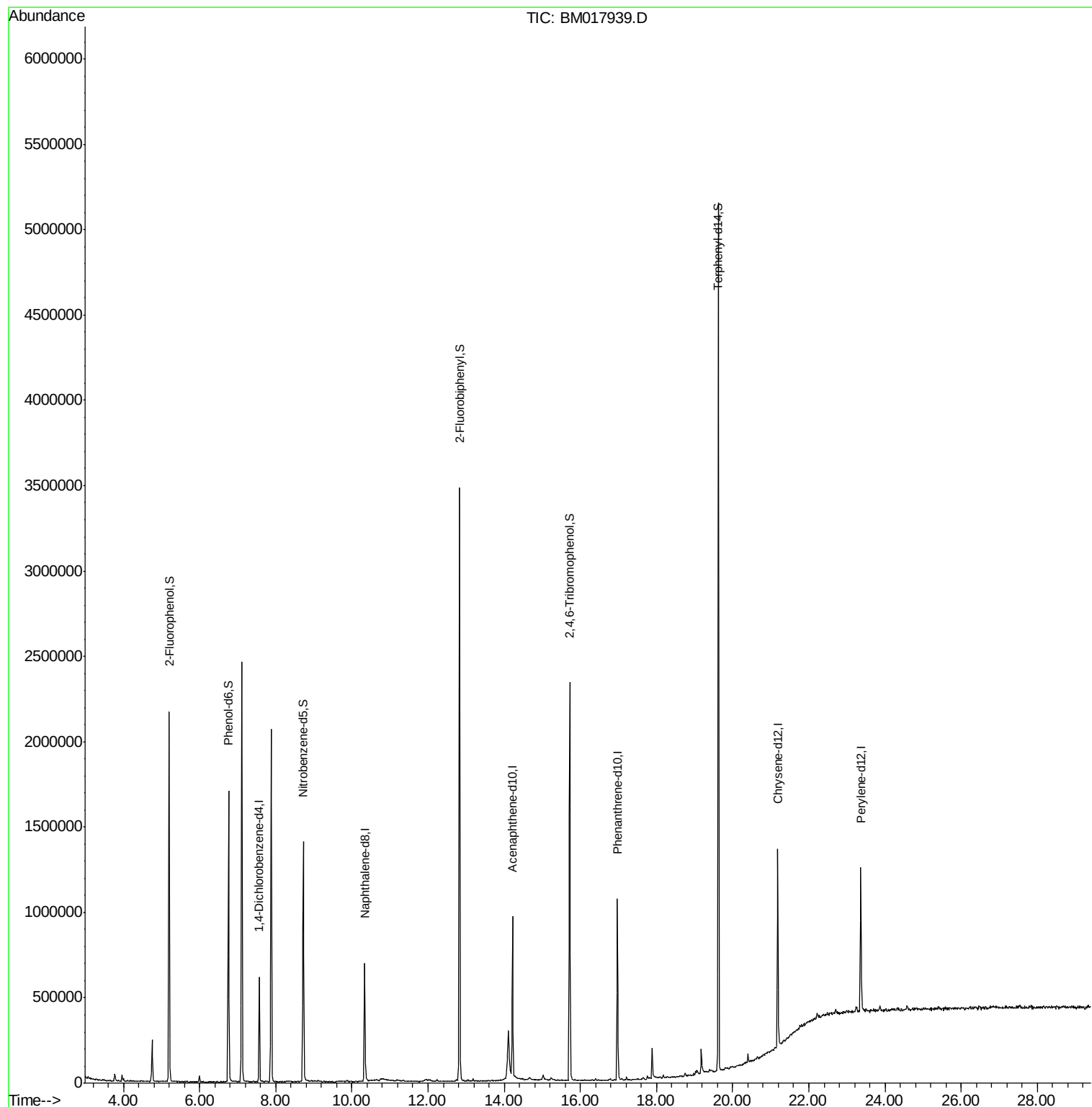
Target Compounds Qvalue

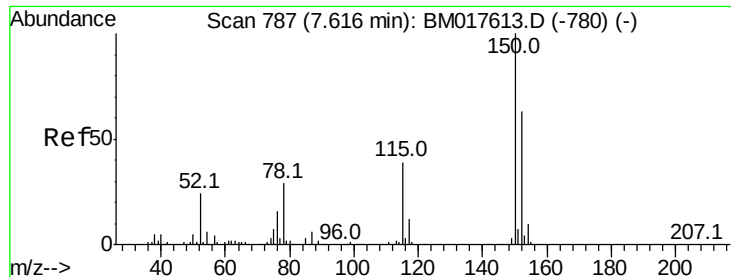
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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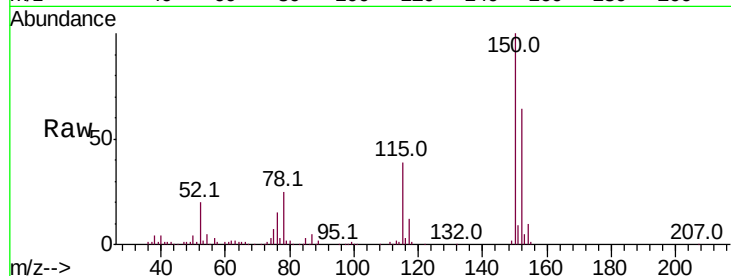


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017939.D
Acq: 05 Dec 2018 17:37

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.4	189.6
115	60.6	49.4	74.0

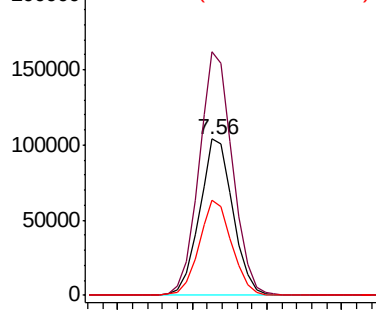


Abundance

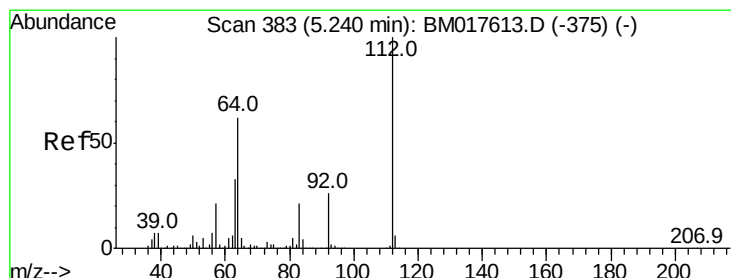
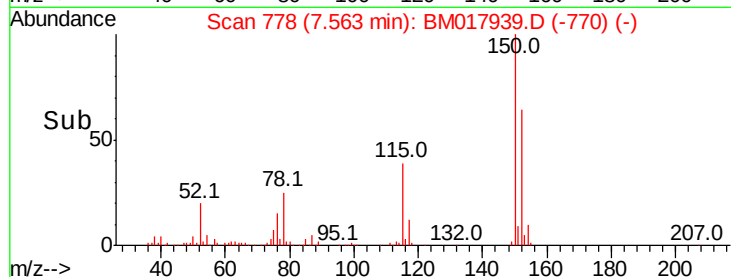
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



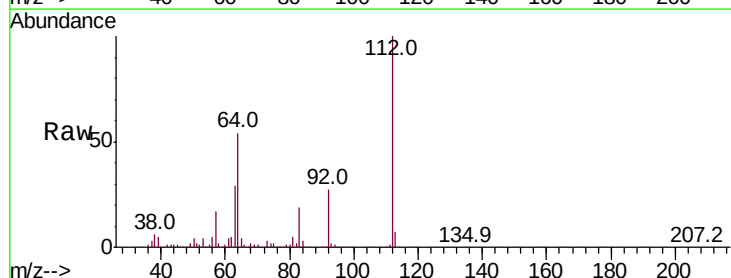
Time-->



#5

2-Fluorophenol
Concen: 93.364 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017939.D
Acq: 05 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	49.3	73.9
63	28.8	26.2	39.4

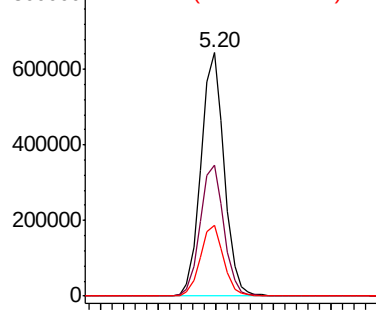


Abundance

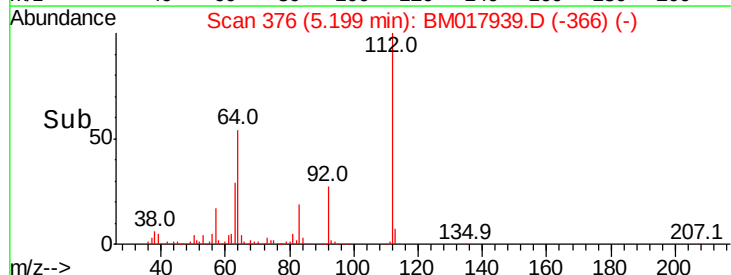
Ion 112.00 (111.70 to 112.70): E

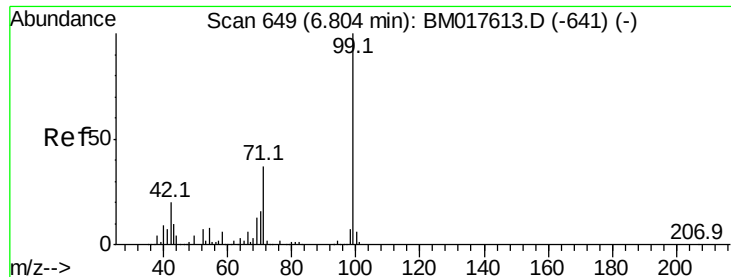
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 73.345 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

Instrument :

BNA_M

ClientSampleId :

OK-02-120418-B

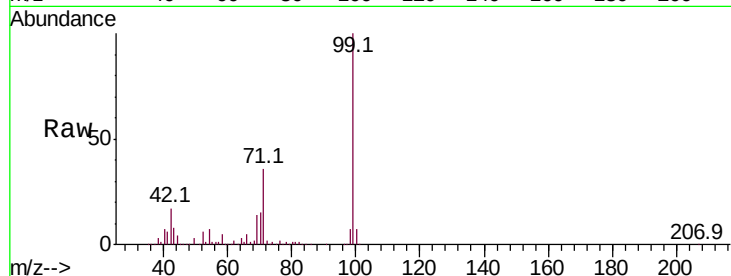
Tot Ion: 99 Resp: 981844

Ion Ratio Lower Upper

99 100

42 16.8 16.3 24.5

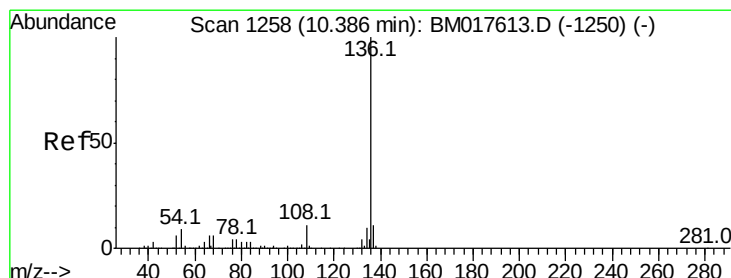
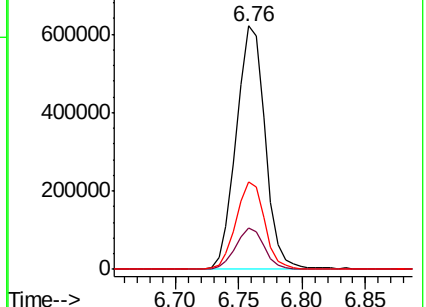
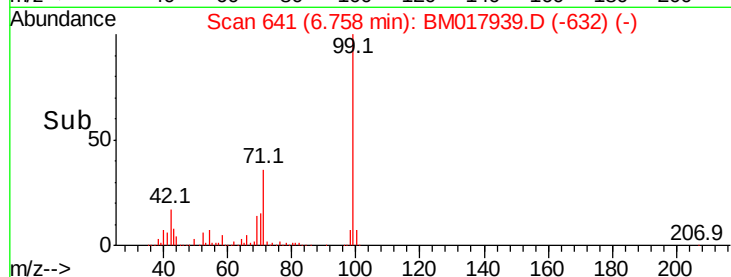
71 35.7 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

Tgt Ion: 136 Resp: 588081

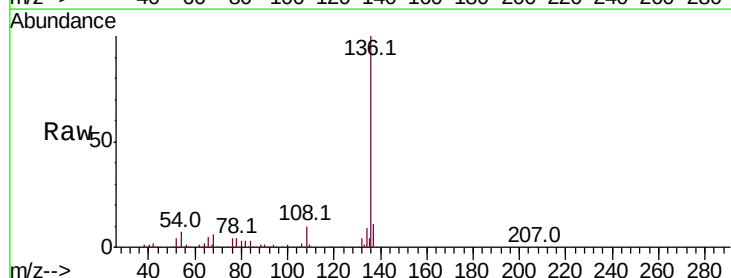
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.1 7.0 10.6

68 5.9 4.9 7.3

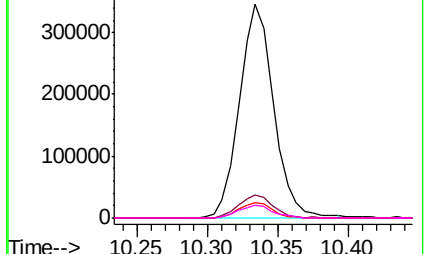
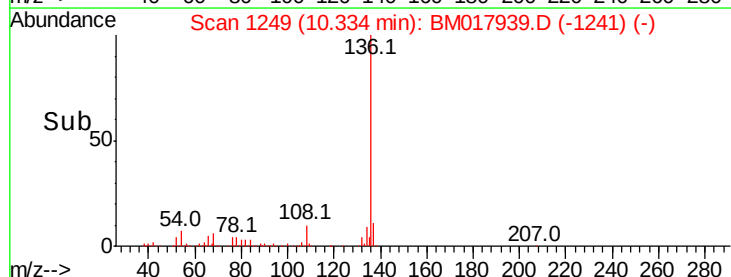


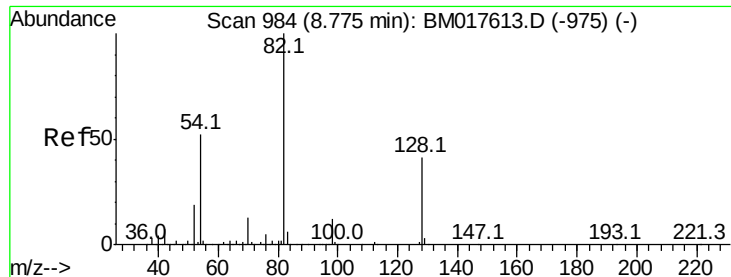
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

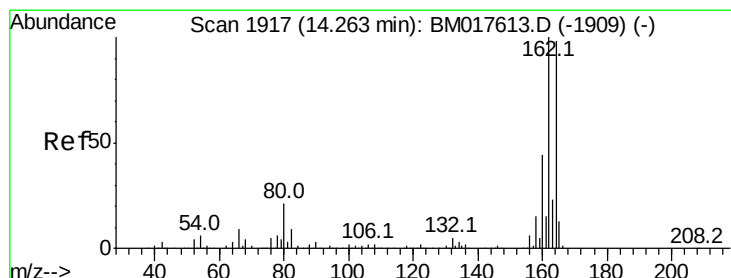
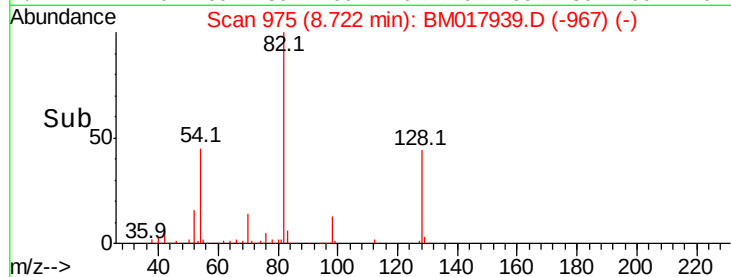
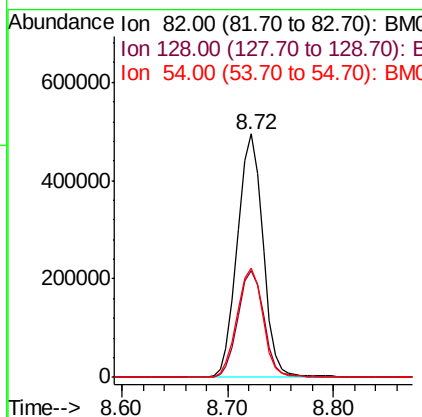
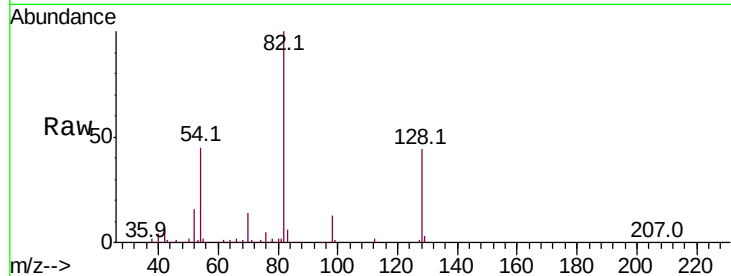




#23
 Nitrobenzene-d5
 Concen: 73.091 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017939.D
 Acq: 05 Dec 2018 17:37

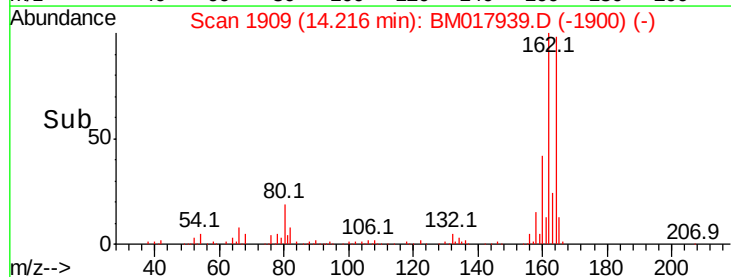
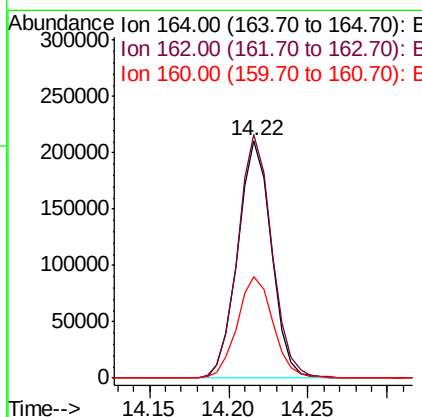
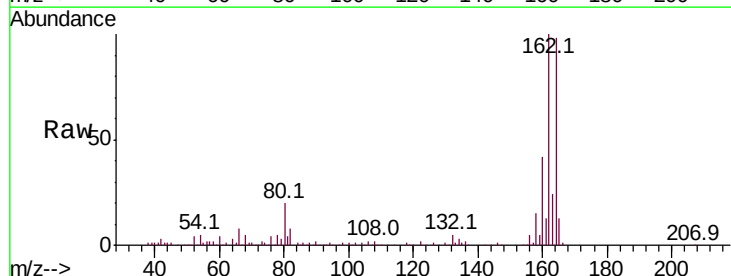
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-120418-B

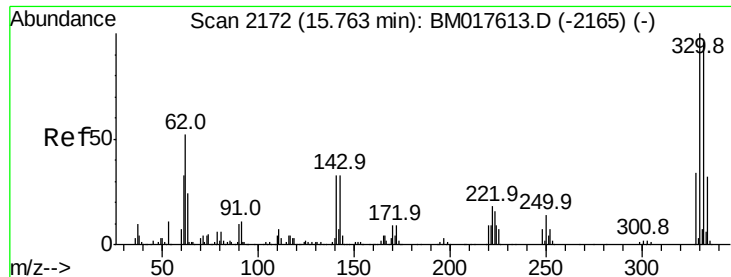
Tot Ion:	82	Resp:	832608
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.0	49.4
54	44.8	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017939.D
 Acq: 05 Dec 2018 17:37

Tgt Ion:	164	Resp:	310100
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	42.9	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 105.132 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.04 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

Instrument :

BNA_M

ClientSampleId :

OK-02-120418-B

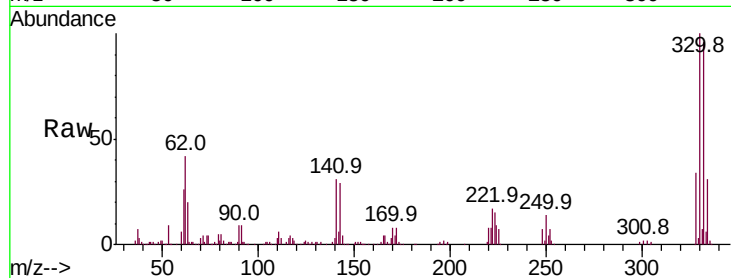
Tot Ion:330 Resp: 468436

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

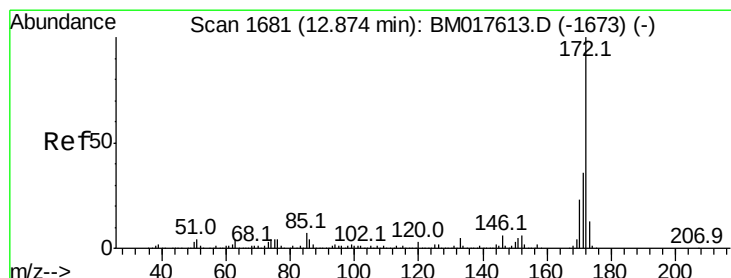
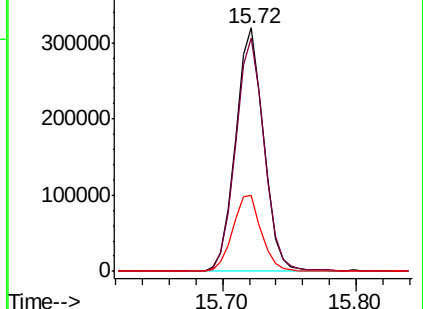
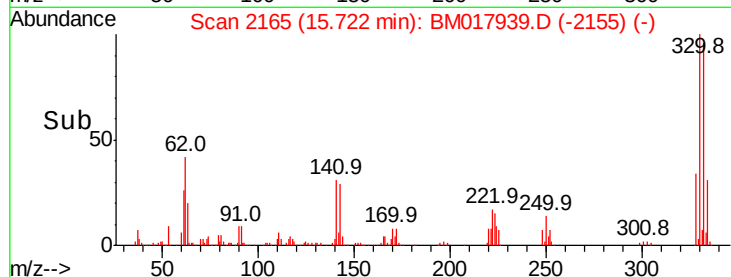
141 32.1 27.5 41.3



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: 76.966 ng

RT: 12.83 min Scan# 1673

Delta R.T. -0.05 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

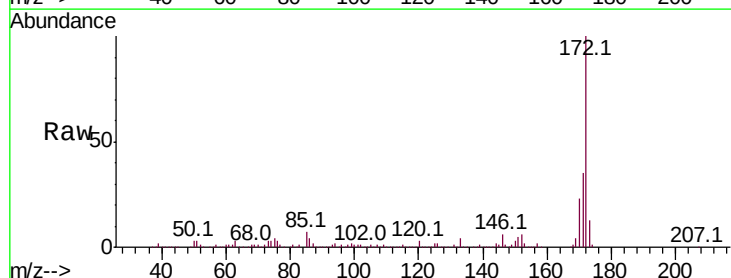
Tgt Ion:172 Resp: 1839715

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

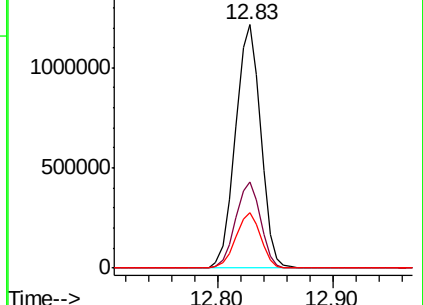
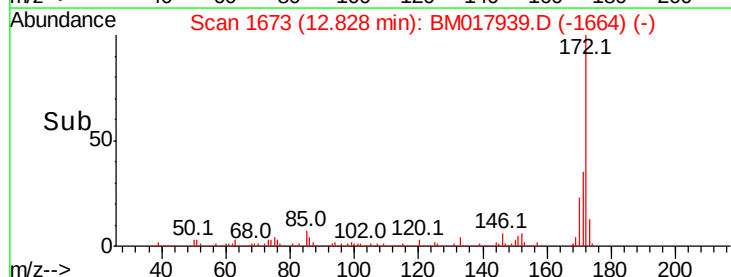
170 22.6 18.3 27.5

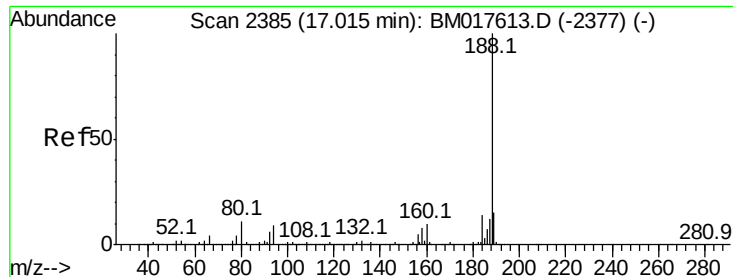


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

Instrument :

BNA_M

ClientSampleId :

OK-02-120418-B

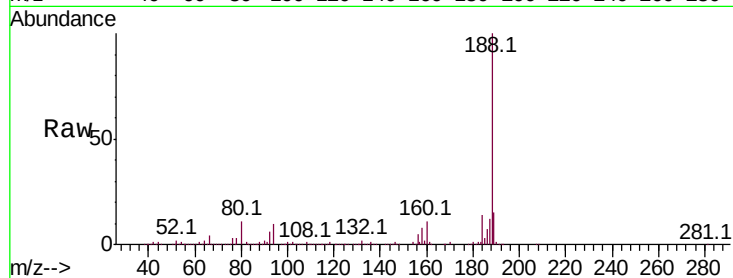
Tot Ion:188 Resp: 622871

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

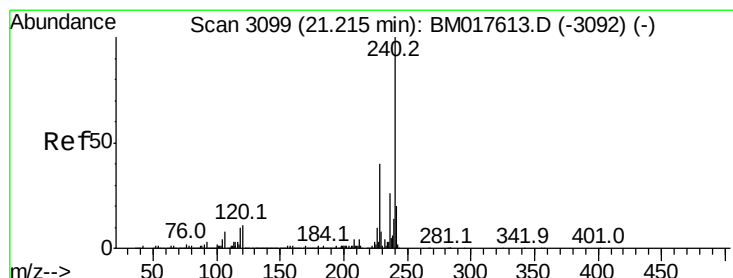
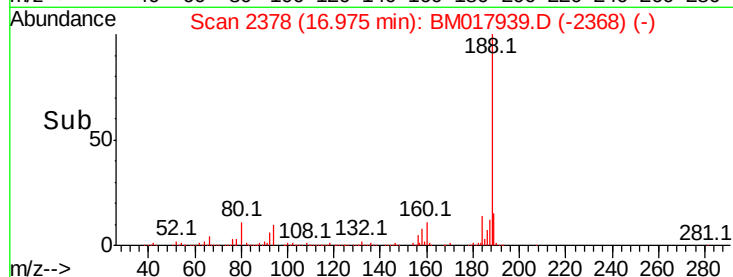
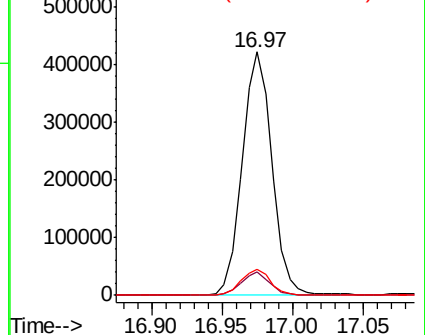
80 10.6 8.6 13.0



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: 21.18 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BM017939.D

Acq: 05 Dec 2018 17:37

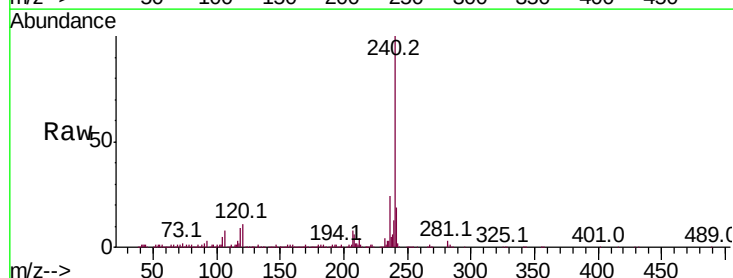
Tgt Ion:240 Resp: 597622

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

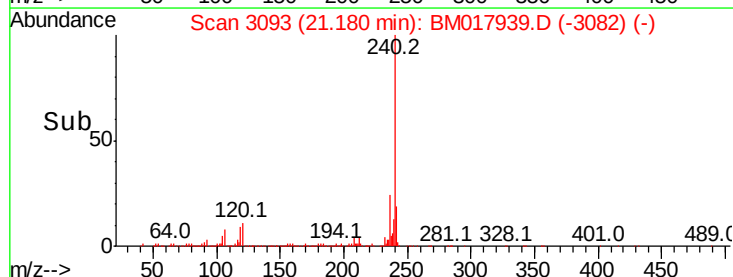
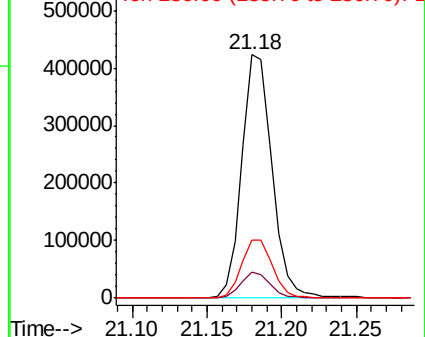
236 24.0 20.4 30.6

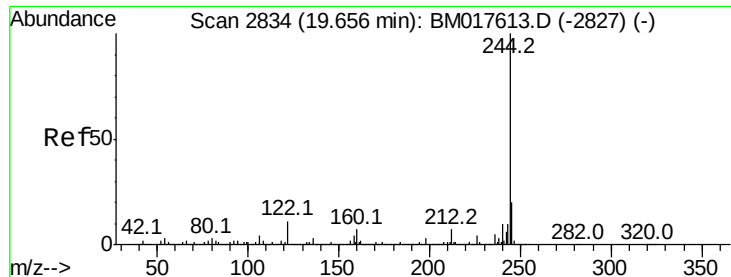


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



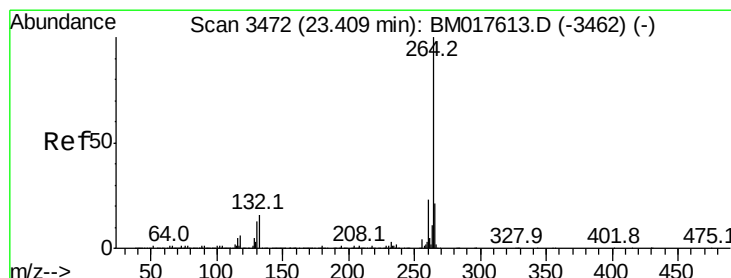
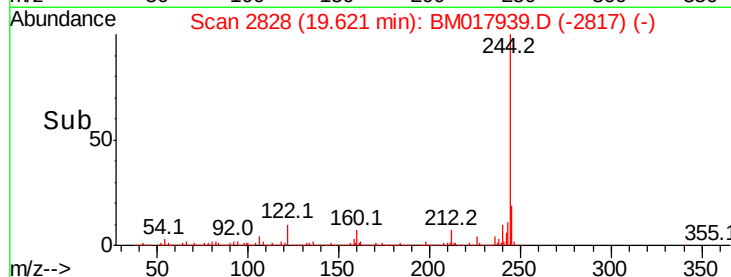
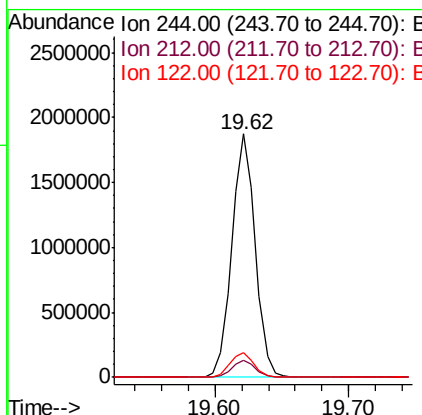
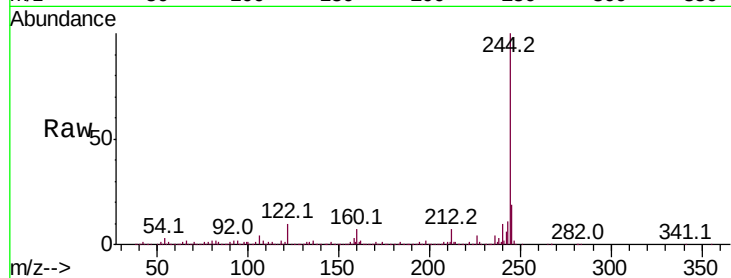


#79
 Terphenyl-d14
 Concen: 86.758 ng
 RT: 19.62 min Scan# 2828
 Delta R.T. -0.03 min
 Lab File: BM017939.D
 Acq: 05 Dec 2018 17:37

Instrument :
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Tot Ion:244 Resp: 2287689

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.3	9.0	13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3464
 Delta R.T. -0.05 min
 Lab File: BM017939.D
 Acq: 05 Dec 2018 17:37

Tgt Ion:264 Resp: 616371

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	23.1	17.5	26.3

