

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016673.D
 Acq On : 05 Sep 2018 16:05
 Operator : SJ/JU
 Sample : J4724-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02

Quant Time: Sep 05 17:54:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 16:42:07 2018
 Response via : Initial Calibration

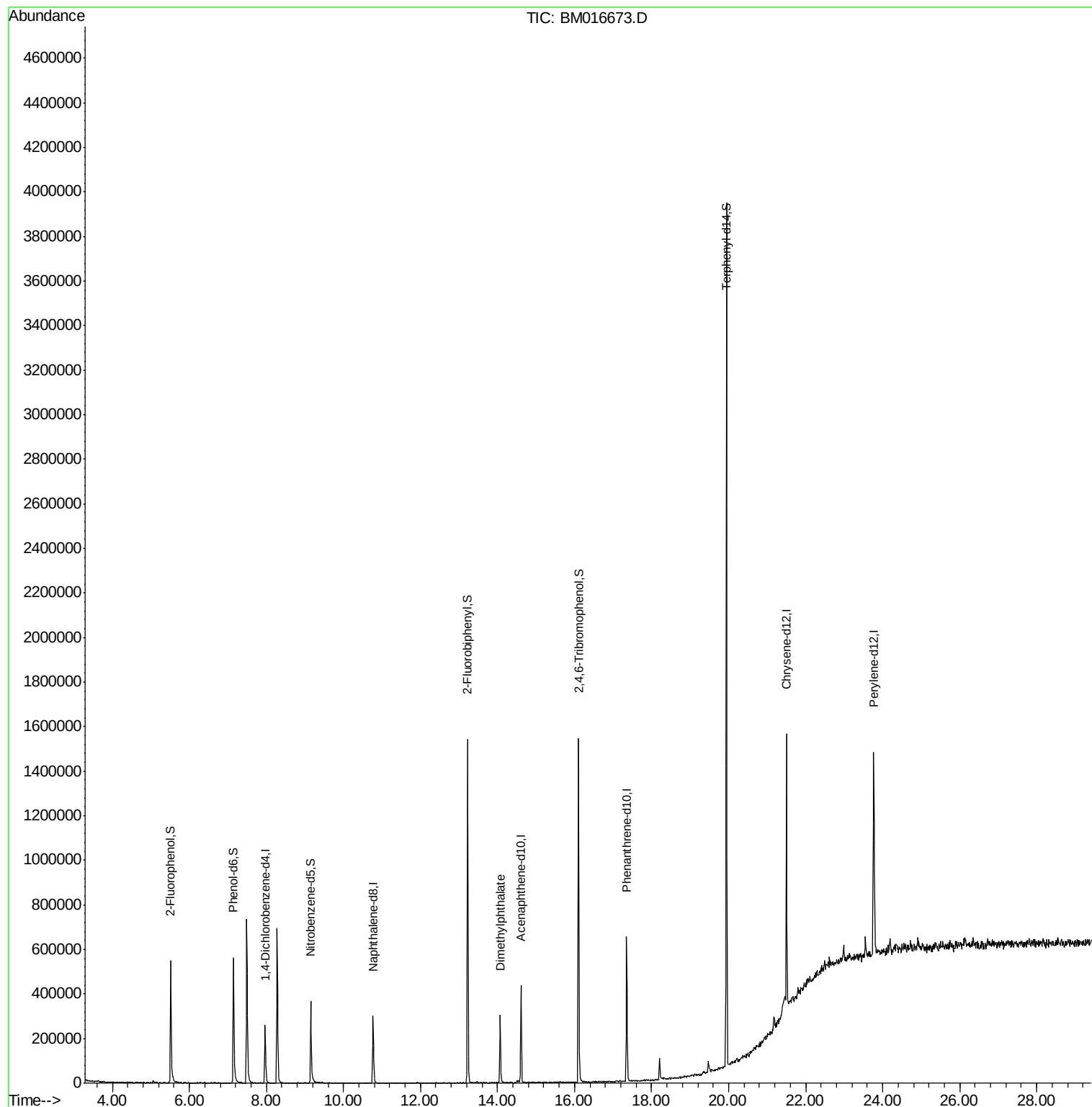
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	56573	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	185185	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	126894	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	373873	20.00	ng	0.00
75) Chrysene-d12	21.50	240	538928	20.00	ng	0.00
86) Perylene-d12	23.77	264	687426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	200246	69.36	ng	0.00
7) Phenol-d6	7.15	99	244551	64.01	ng	0.00
23) Nitrobenzene-d5	9.15	82	222793	54.93	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	240488	67.80	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	637781	48.31	ng	0.00
78) Terphenyl-d14	19.94	244	1462160	57.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.07	163	177273	14.541	ng	Qvalue # 96

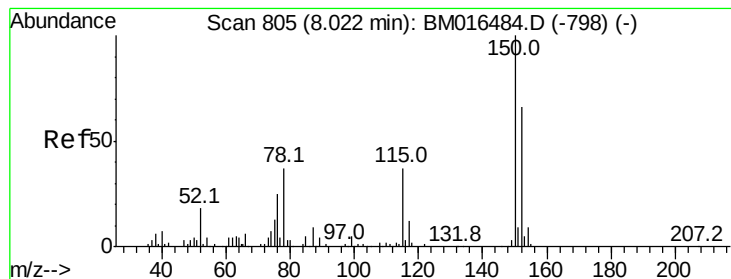
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02

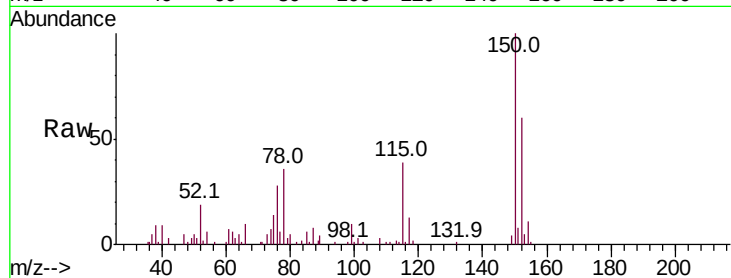
Tot Ion:152 Resp: 56573

Ion Ratio Lower Upper

152 100

150 166.1 119.5 179.3

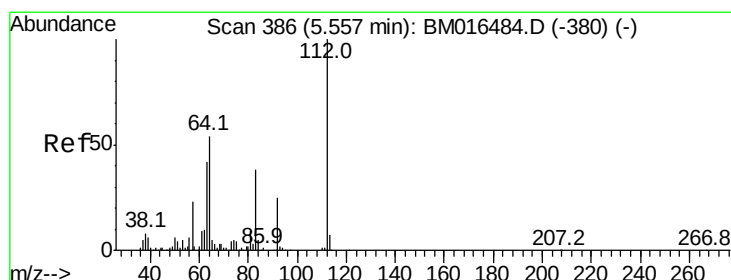
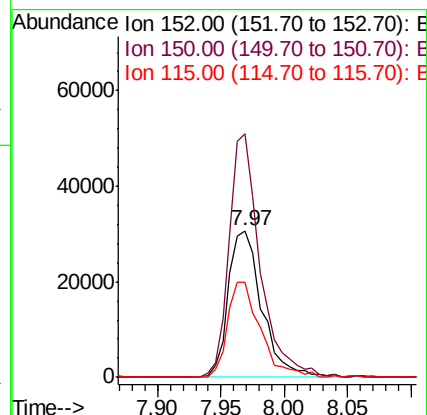
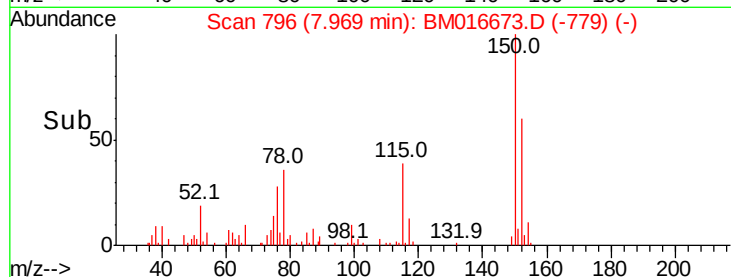
115 65.2 43.0 64.4#



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: 69.362 ng

RT: 5.52 min Scan# 379

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

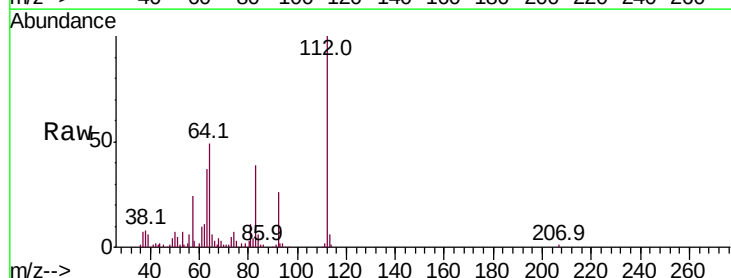
Tgt Ion:112 Resp: 200246

Ion Ratio Lower Upper

112 100

64 48.5 38.6 57.8

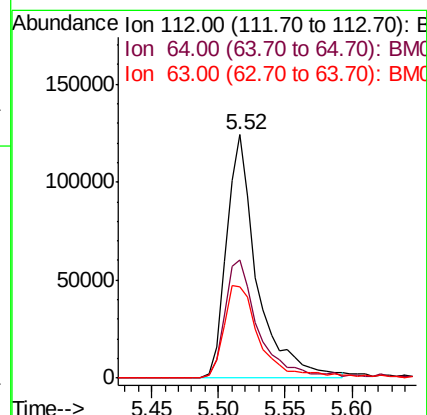
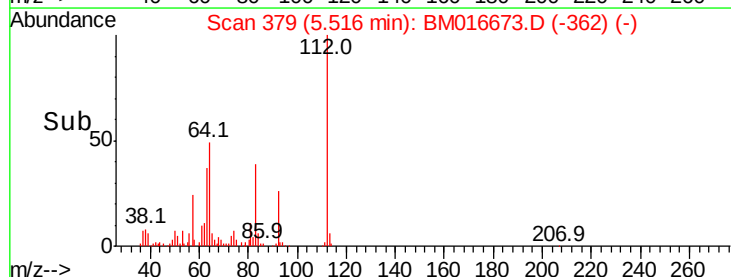
63 37.4 19.3 28.9#

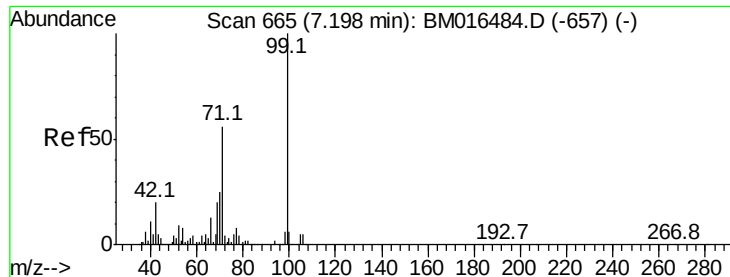


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 64.014 ng

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02

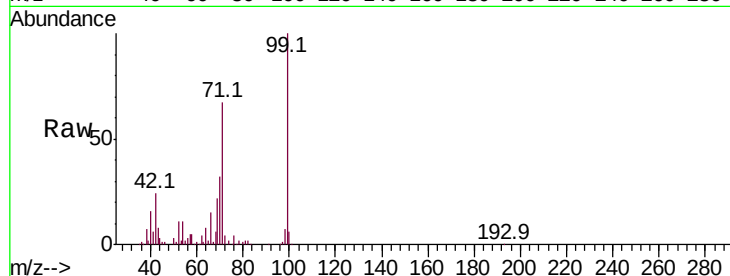
Tot Ion: 99 Resp: 244551

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

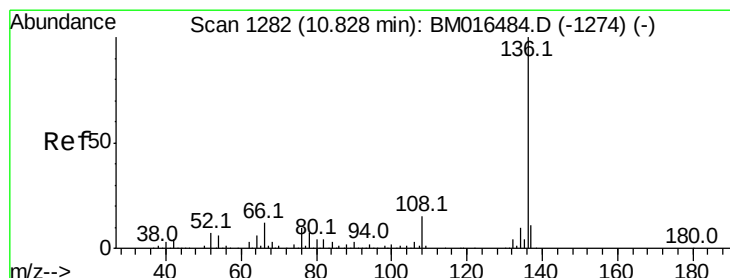
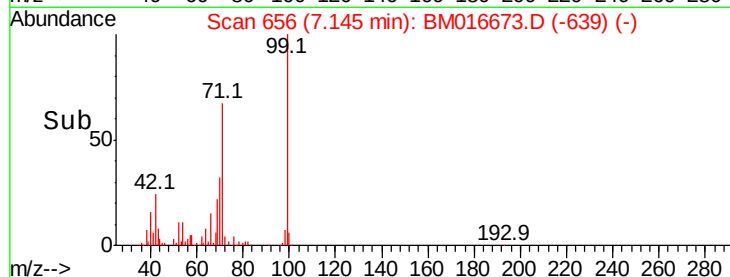
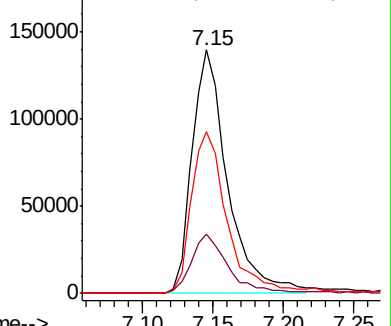
71 66.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016673.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016673.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016673.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Tgt Ion: 136 Resp: 185185

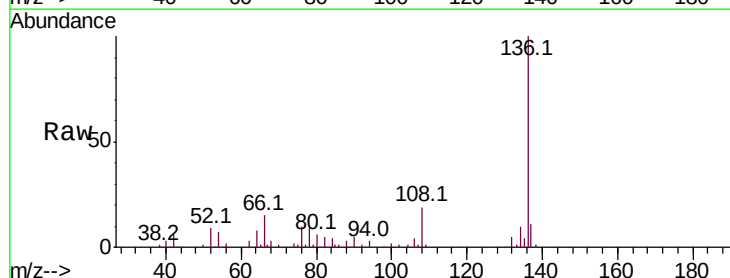
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.3 4.6 6.8#

68 2.8 3.7 5.5#

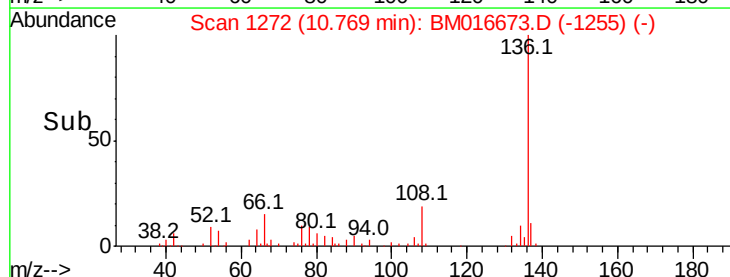
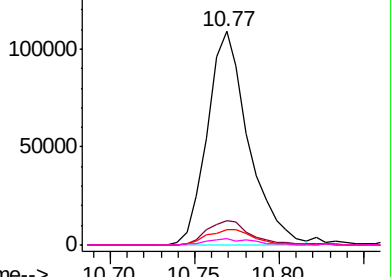


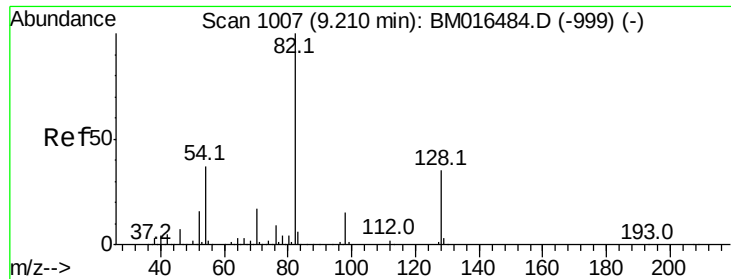
Abundance Ion 136.00 (135.70 to 136.70): BM016673.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM016673.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM016673.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM016673.D (-1255) (-)

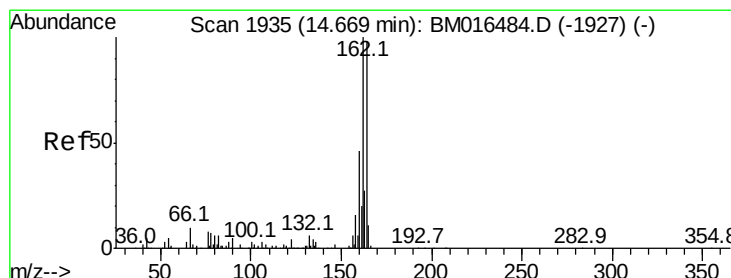
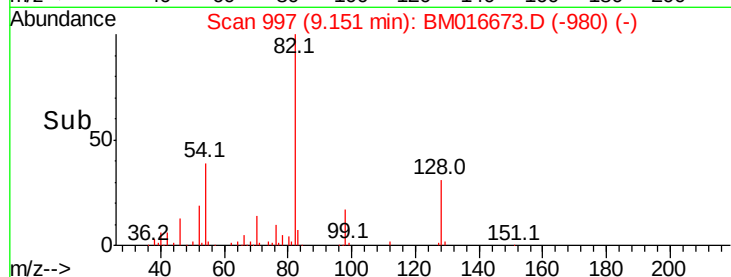
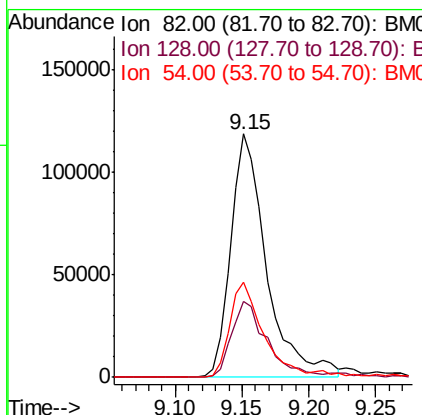
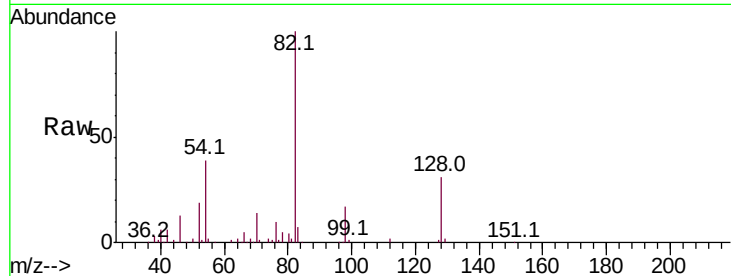




#23
 Nitrobenzene-d5
 Concen: 54.932 ng
 RT: 9.15 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BM016673.D
 Acq: 05 Sep 2018 16:05

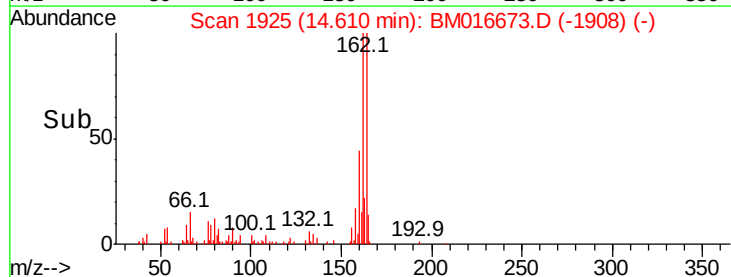
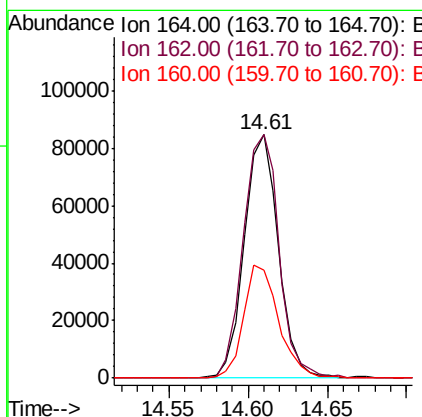
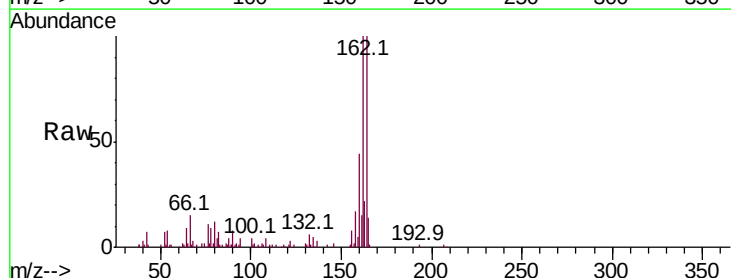
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02

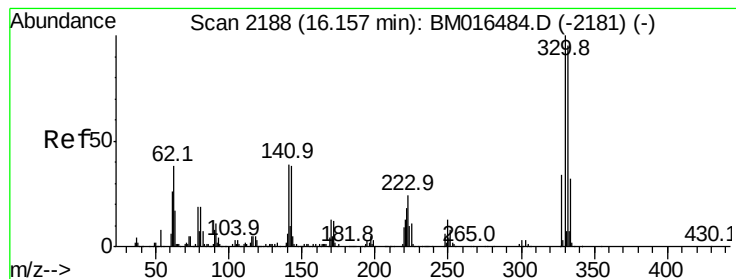
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	39.2	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM016673.D
 Acq: 05 Sep 2018 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.4	123.6
160	44.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 67.796 ng

RT: 16.10 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02

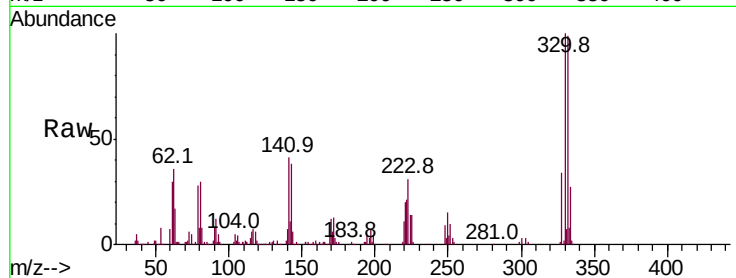
Tot Ion:330 Resp: 240488

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

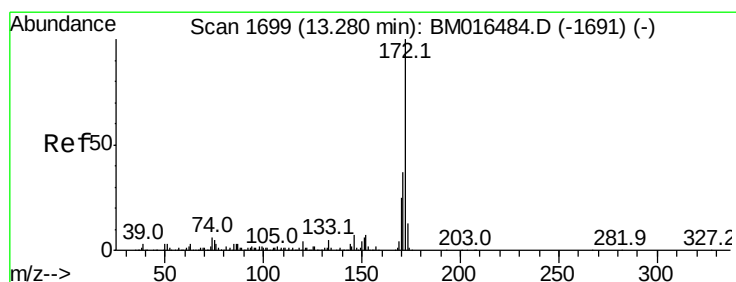
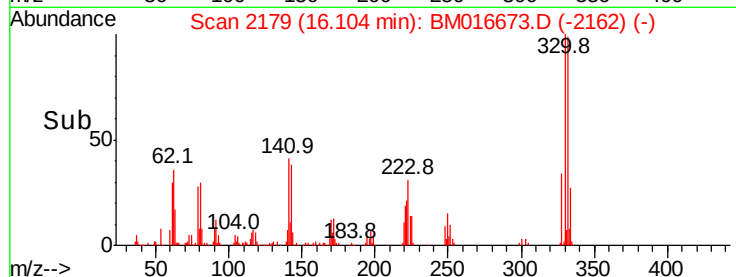
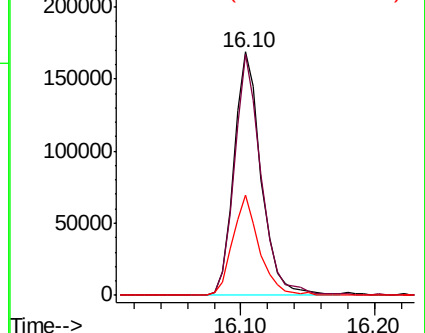
141 40.2 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 48.312 ng

RT: 13.22 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

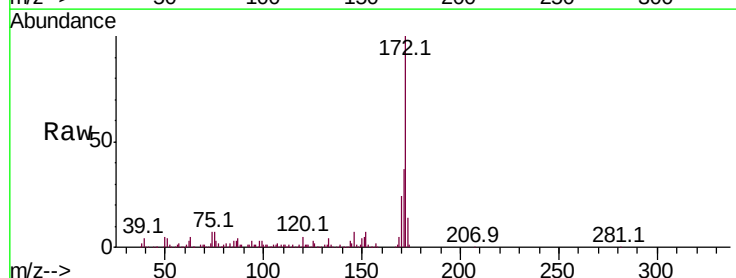
Tgt Ion:172 Resp: 637781

Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

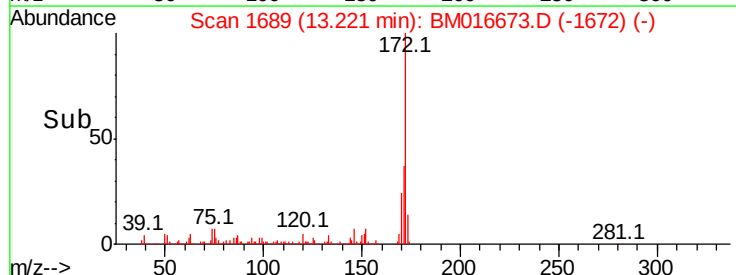
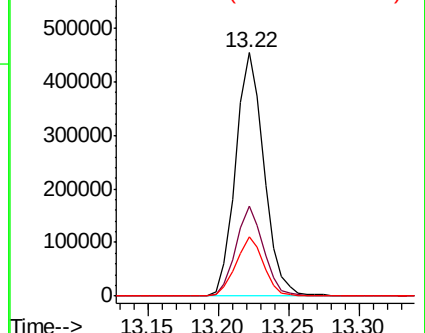
170 24.4 18.8 28.2

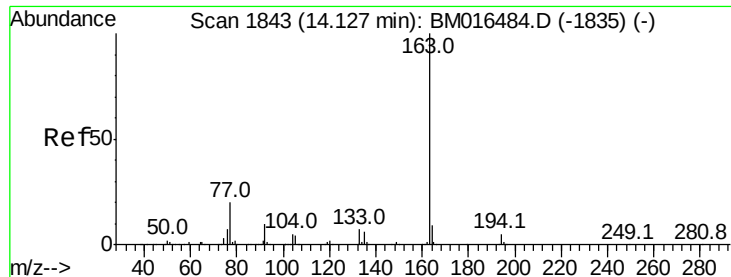


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.541 ng

RT: 14.07 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02

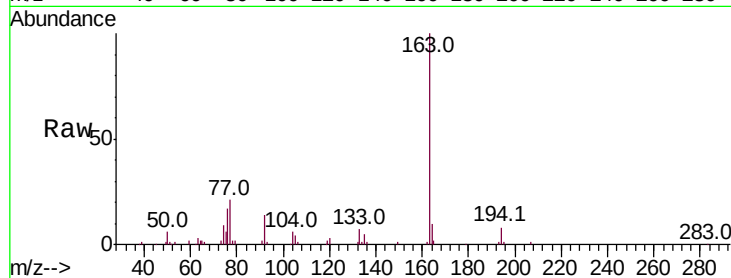
Tot Ion:163 Resp: 177273

Ion Ratio Lower Upper

163 100

194 8.4 2.7 4.1#

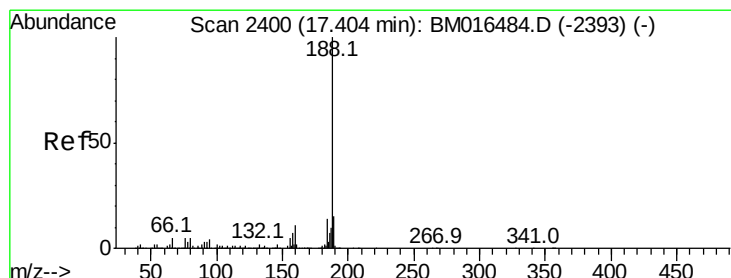
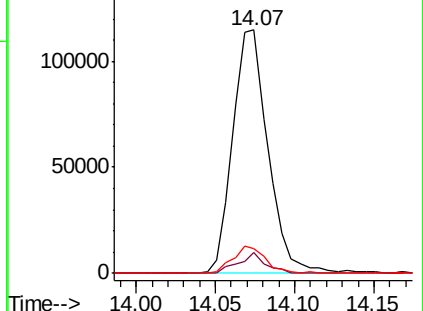
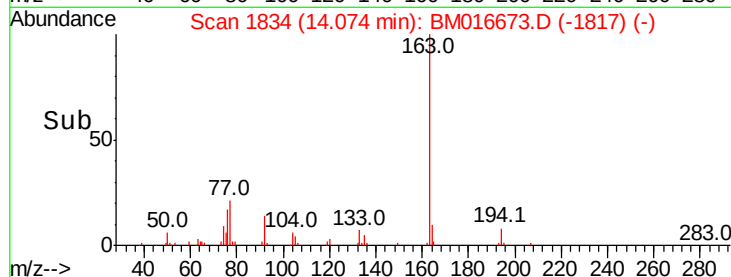
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

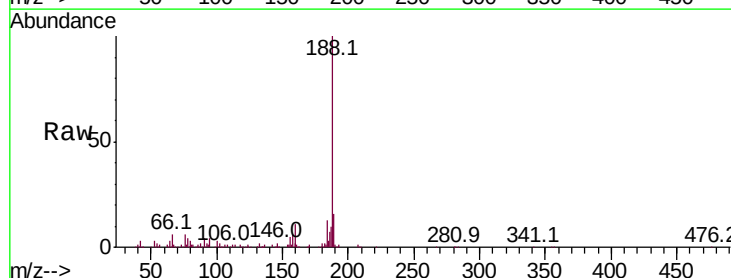
Tgt Ion:188 Resp: 373873

Ion Ratio Lower Upper

188 100

94 4.4 8.7 13.1#

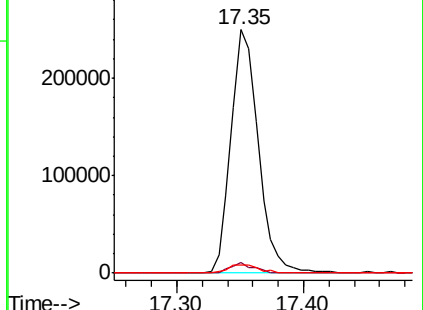
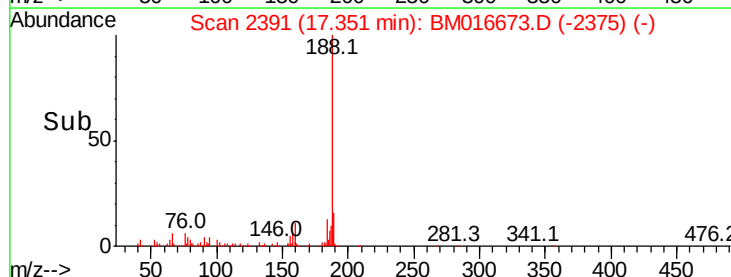
80 4.3 9.3 13.9#

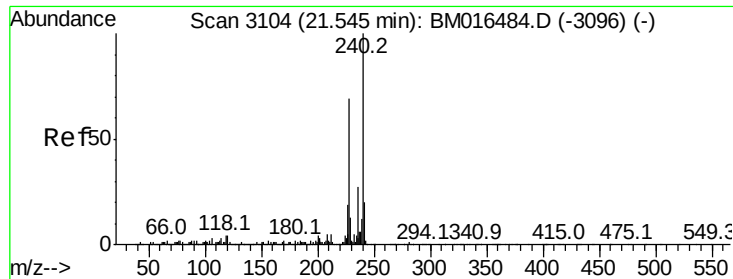


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

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ClientSampleId :

EP1-SUT-UST-02

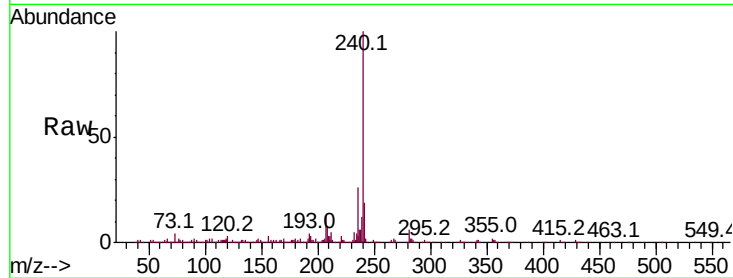
Tot Ion:240 Resp: 538928

Ion Ratio Lower Upper

240 100

120 2.5 8.2 12.2#

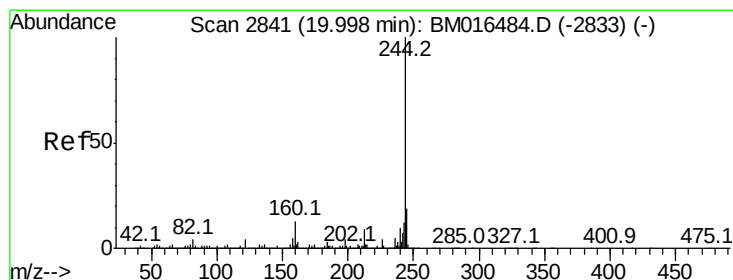
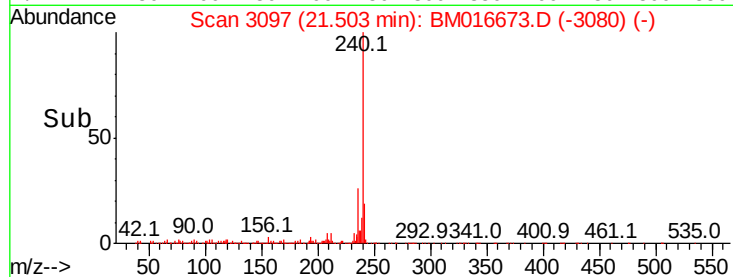
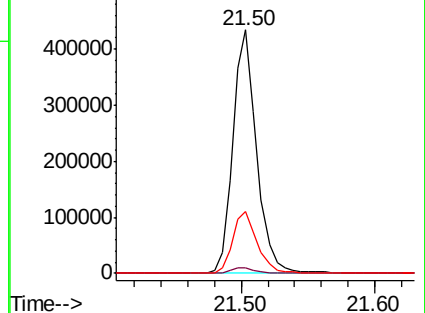
236 25.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: 57.424 ng

RT: 19.94 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

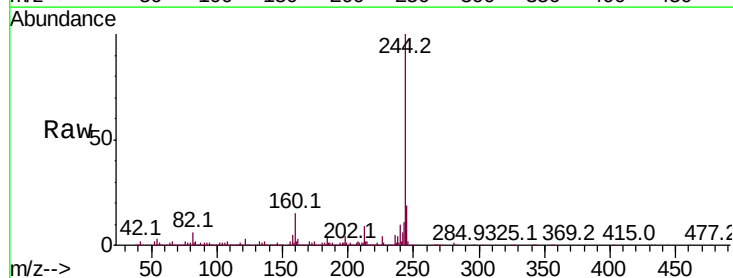
Tgt Ion:244 Resp: 1462160

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

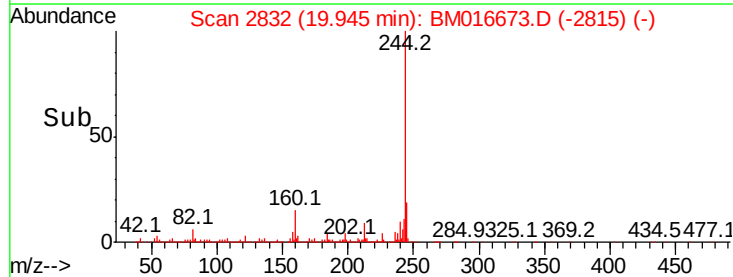
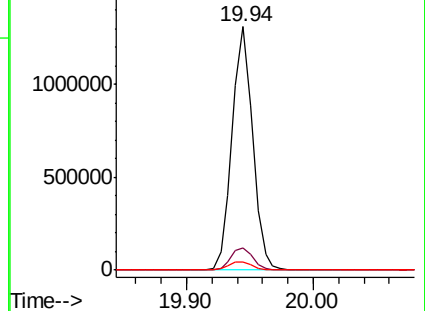
122 3.4 6.2 9.4#

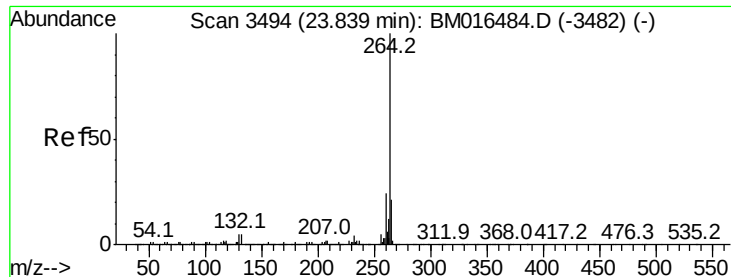


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.77 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: BM016673.D
 Acq: 05 Sep 2018 16:05

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	23.3	17.3	25.9

