

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016360.D
 Acq On : 14 Aug 2018 18:26
 Operator : SJ/JU
 Sample : J4459-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-SV30518L

Quant Time: Aug 15 11:56:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

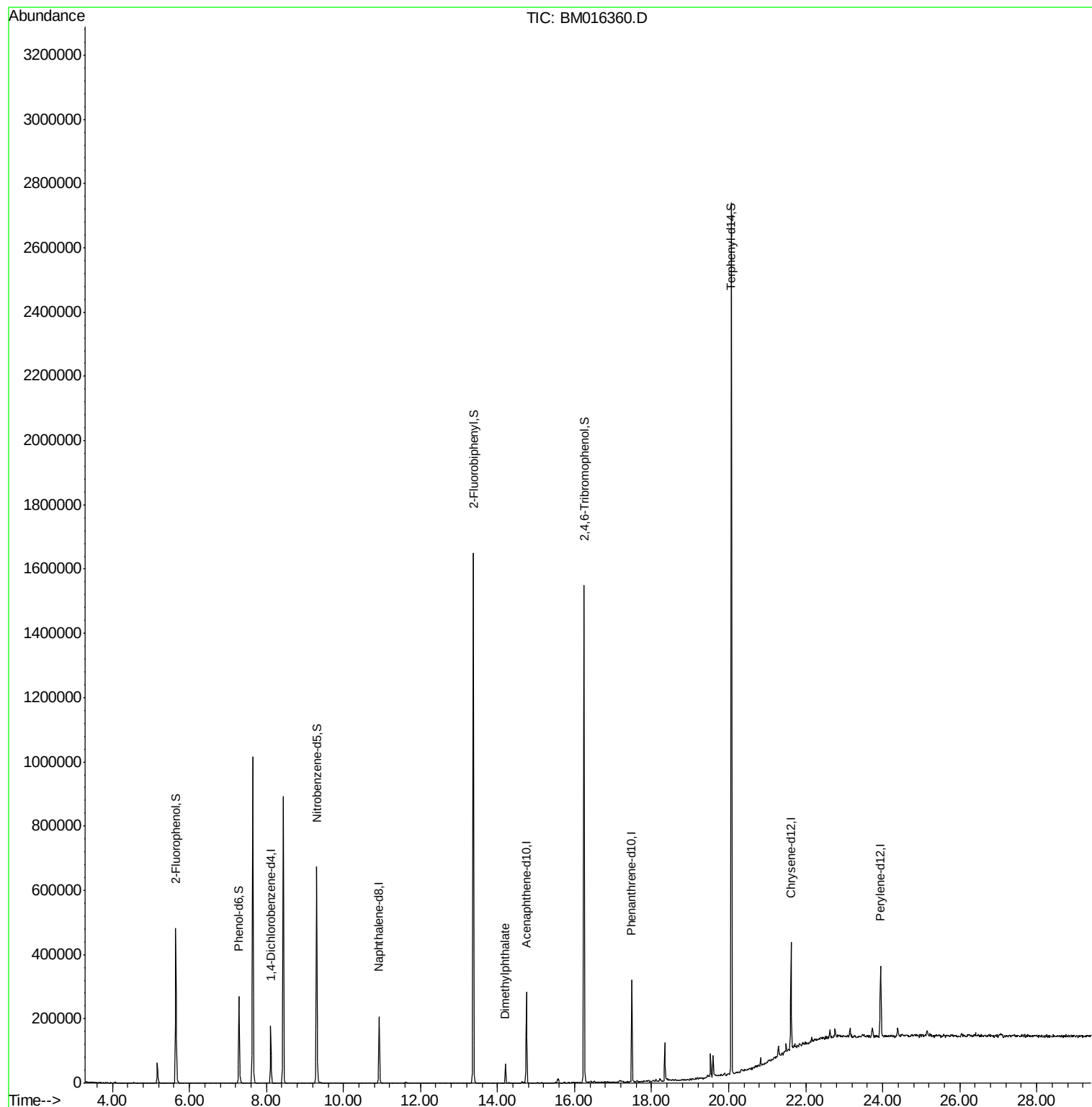
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	35010	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134589	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	72244	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	146660	20.00	ng	0.00
75) Chrysene-d12	21.62	240	119851	20.00	ng	0.00
86) Perylene-d12	23.95	264	131251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	154043	73.09	ng	0.00
7) Phenol-d6	7.29	99	109392	39.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	319336	110.36	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	152871	166.84	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	641504	108.04	ng	0.00
78) Terphenyl-d14	20.07	244	872918	152.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	31225	4.939	ng	Qvalue # 98

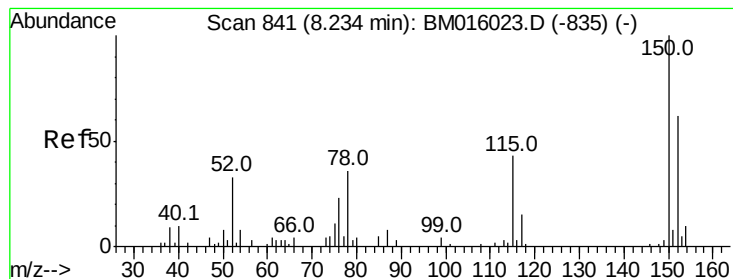
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-SV30518L

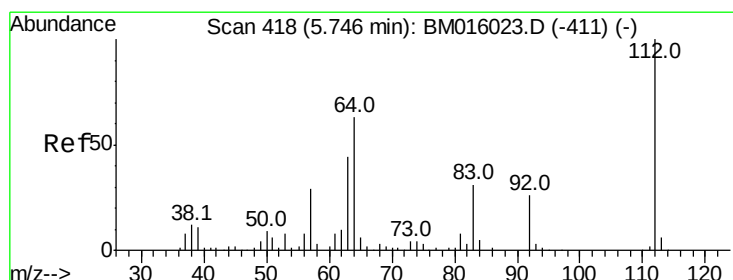
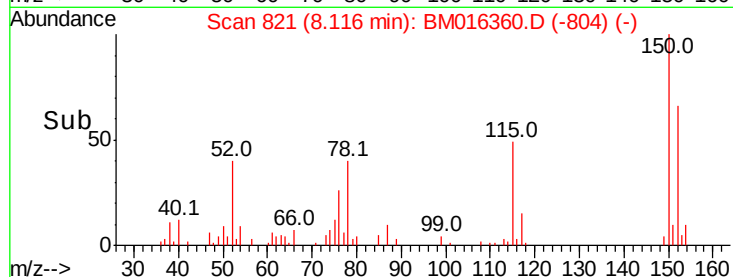
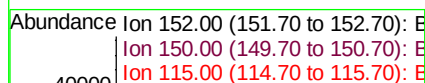
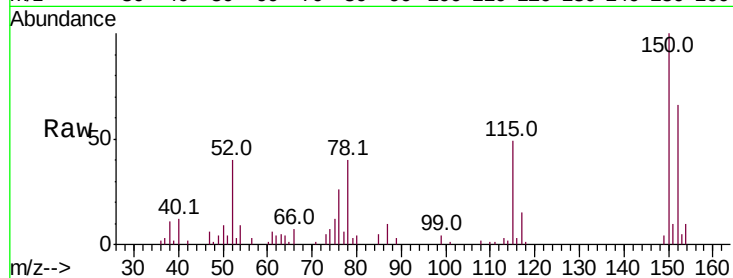
Tot Ion:152 Resp: 35010

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

115 73.8 43.0 64.4#



#5

2-Fluorophenol

Concen: N.D. ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

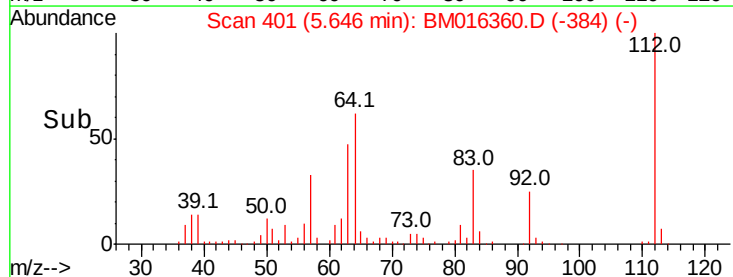
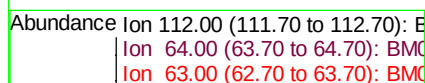
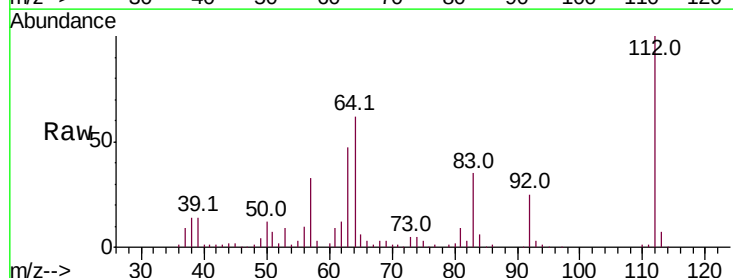
Tgt Ion:112 Resp: 154043

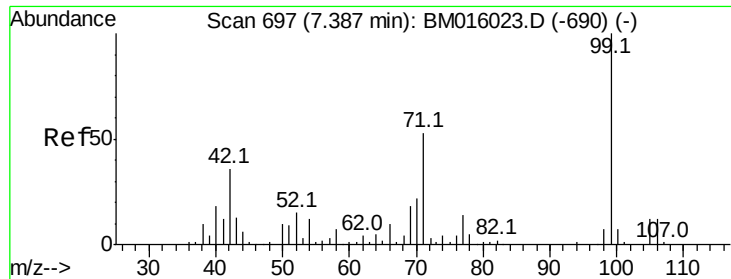
Ion Ratio Lower Upper

112 100

64 61.8 38.6 57.8#

63 46.7 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-SV30518L

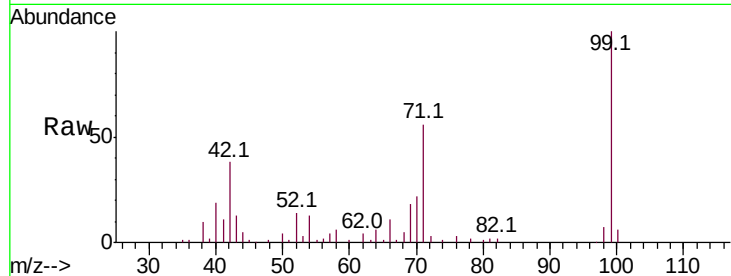
Tot Ion: 99 Resp: 109392

Ion Ratio Lower Upper

99 100

42 38.2 11.0 16.4#

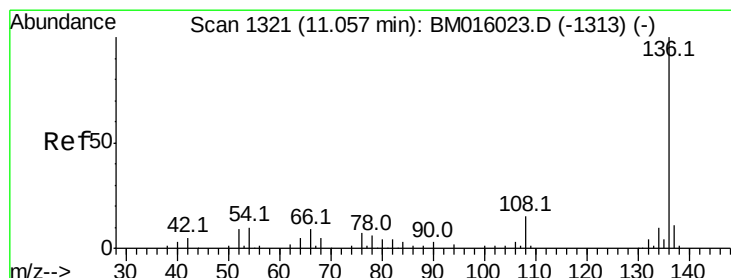
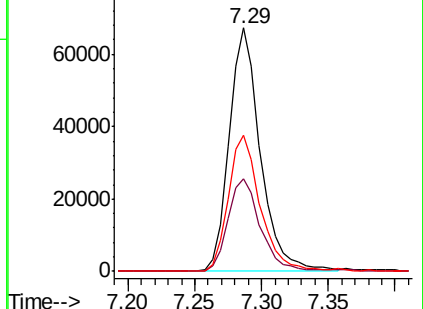
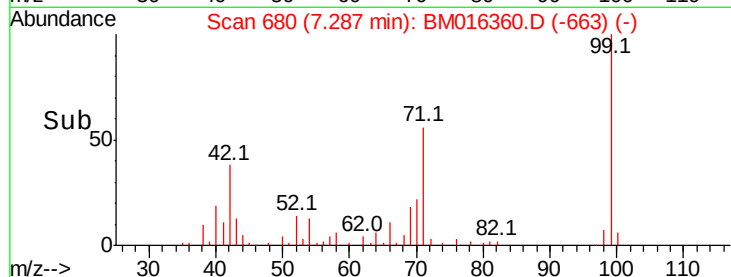
71 55.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016360.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016360.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016360.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

Tgt Ion: 136 Resp: 134589

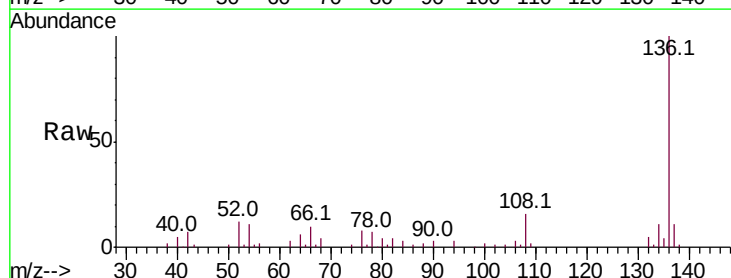
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.1 4.6 6.8#

68 3.7 3.7 5.5#

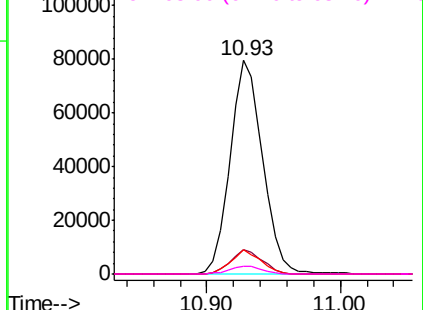
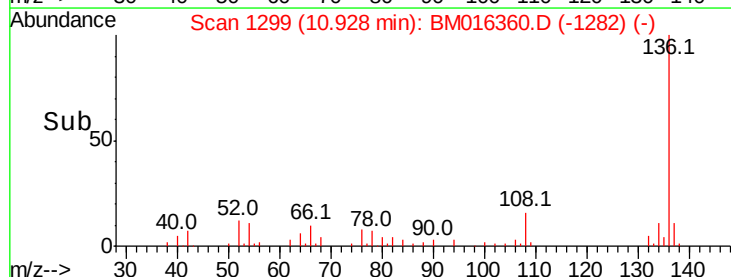


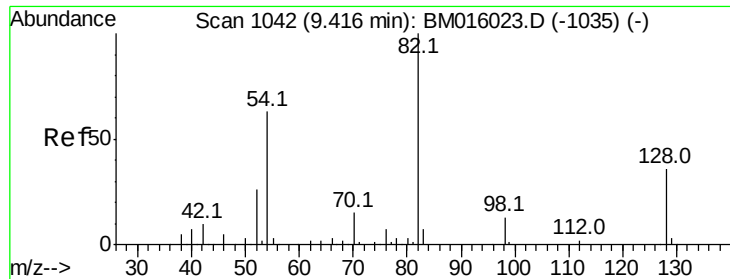
Abundance Ion 136.00 (135.70 to 136.70): BM016360.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016360.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016360.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016360.D (-1282) (-)

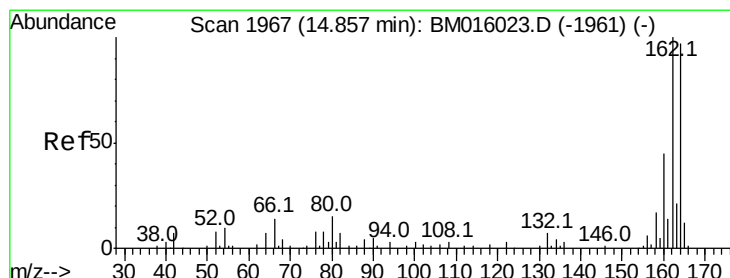
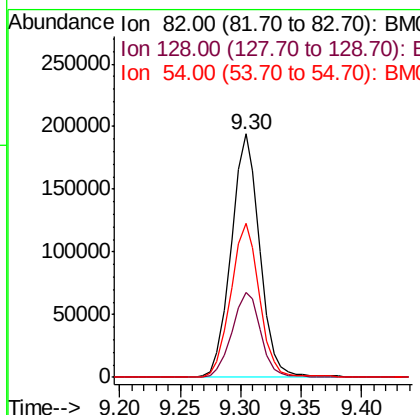
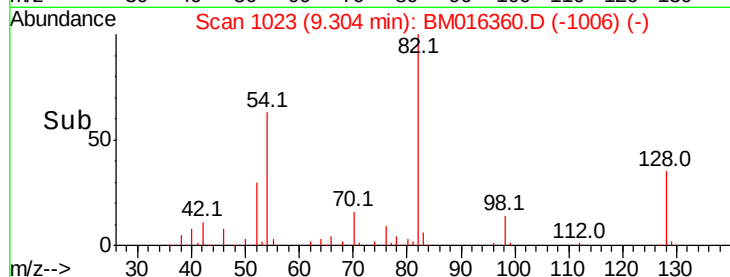
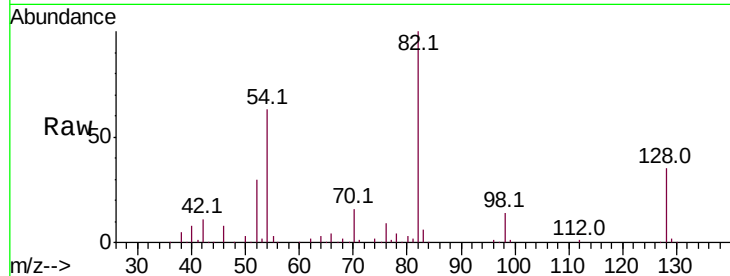




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016360.D
Acq: 14 Aug 2018 18:26

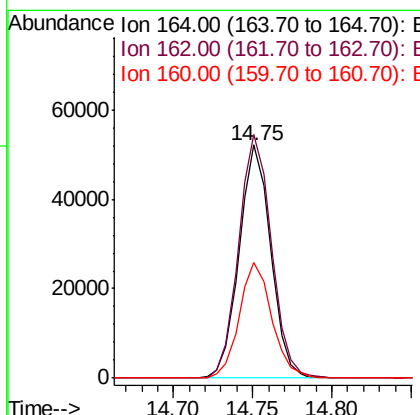
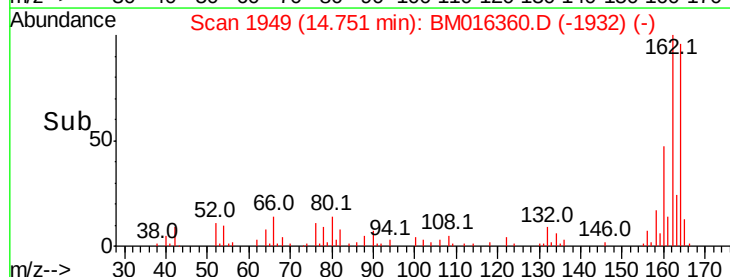
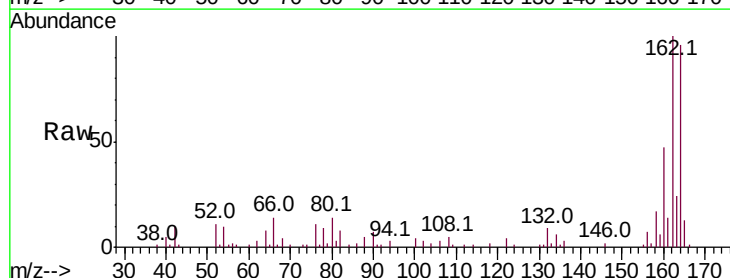
Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-SV30518L

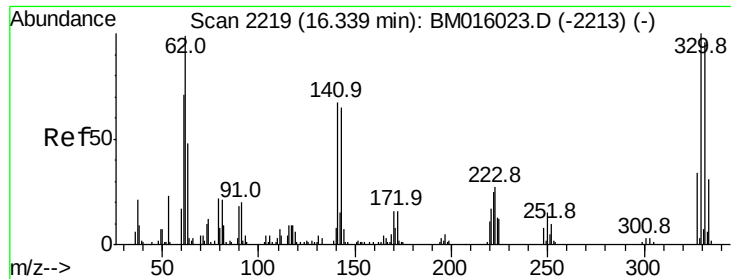
Tot Ion: 82 Resp: 319336
Ion Ratio Lower Upper
82 100
128 34.8 32.8 49.2
54 63.3 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016360.D
Acq: 14 Aug 2018 18:26

Tgt Ion:164 Resp: 72244
Ion Ratio Lower Upper
164 100
162 104.4 82.4 123.6
160 49.4 35.8 53.6

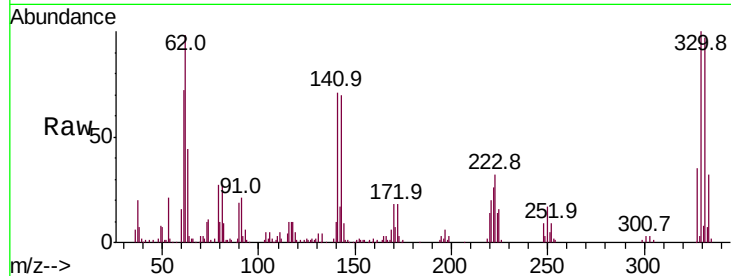




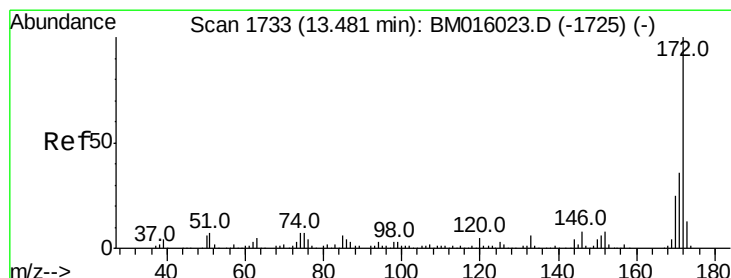
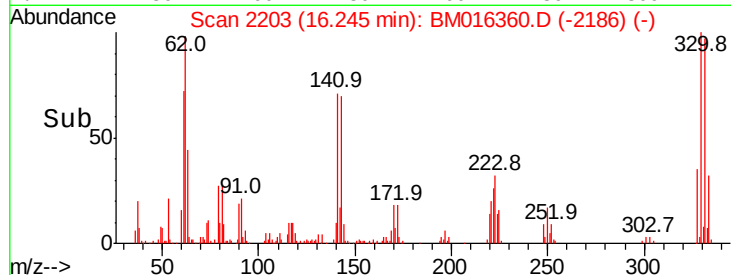
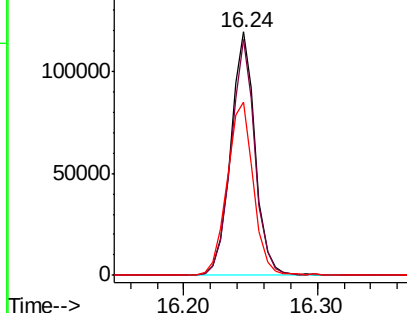
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BM016360.D
 Acq: 14 Aug 2018 18:26

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-SV30518L

Tot Ion:330 Resp: 152871
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 77.0 0.0 0.0#

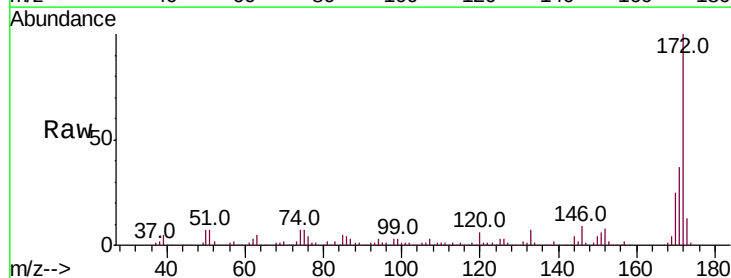


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

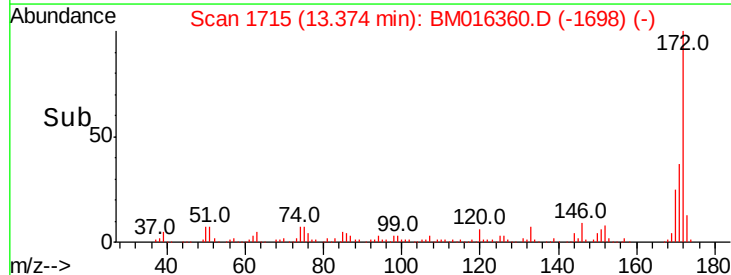
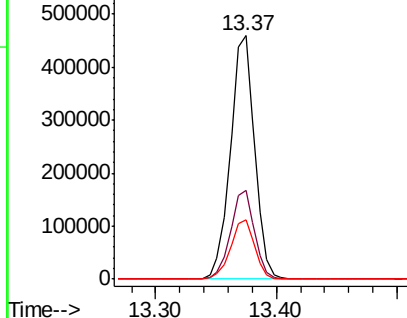


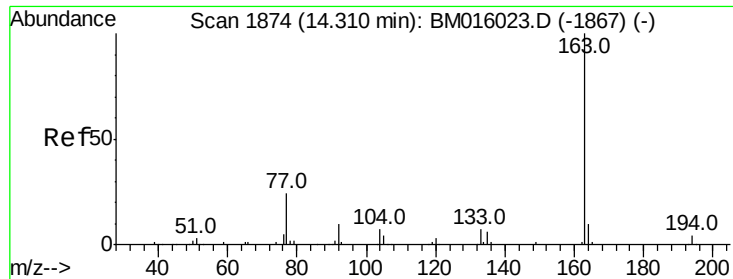
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM016360.D
 Acq: 14 Aug 2018 18:26

Tgt Ion:172 Resp: 641504
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 24.6 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: 4.939 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-SV30518L

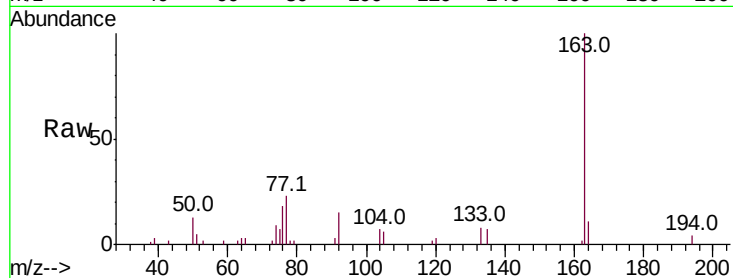
Tot Ion:163 Resp: 31225

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

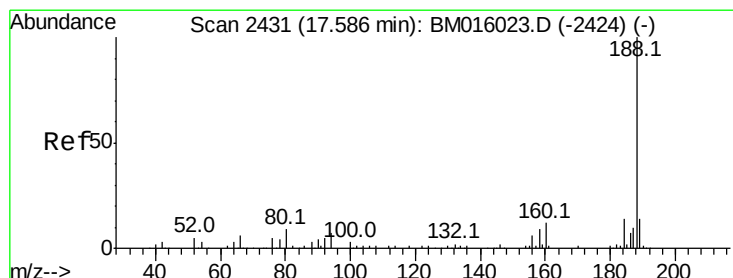
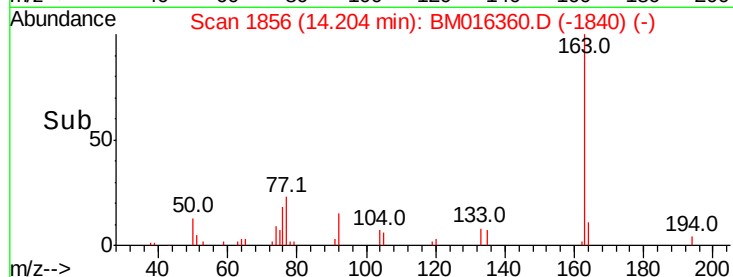
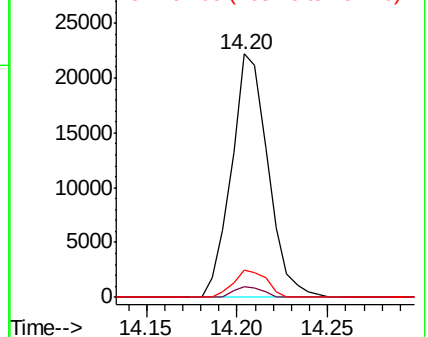
164 11.0 8.2 12.2



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: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

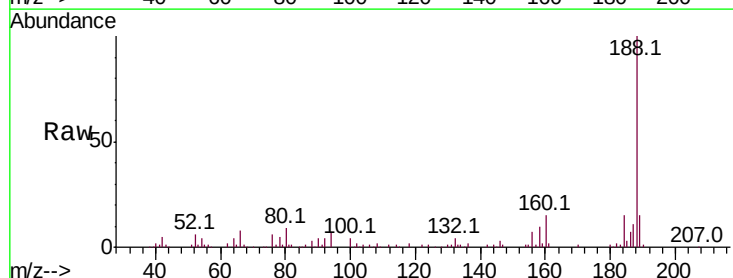
Tgt Ion:188 Resp: 146660

Ion Ratio Lower Upper

188 100

94 7.0 8.7 13.1#

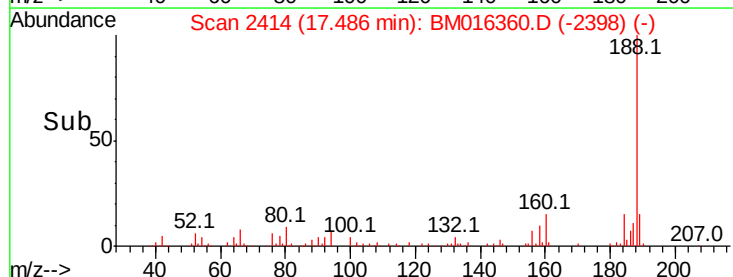
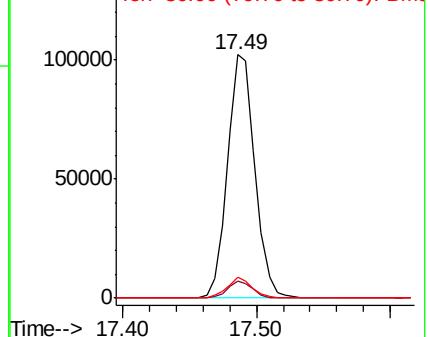
80 8.7 9.3 13.9#

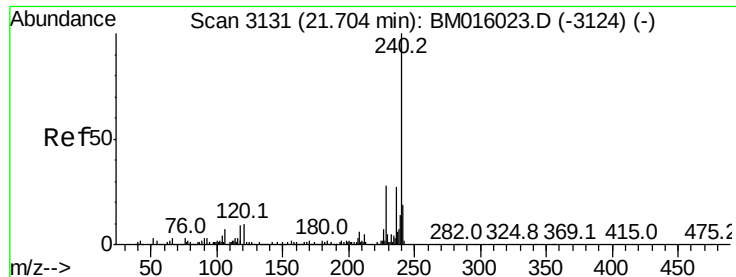


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

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FRAC-TANK-SV30518L

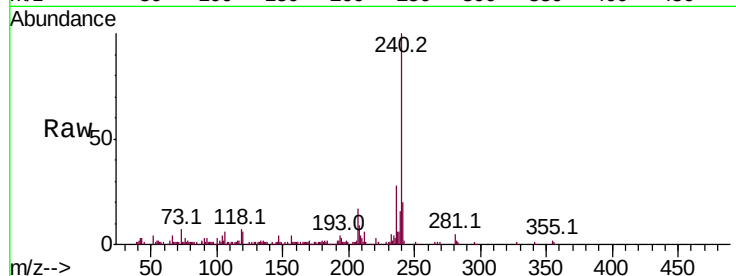
Tot Ion:240 Resp: 119851

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

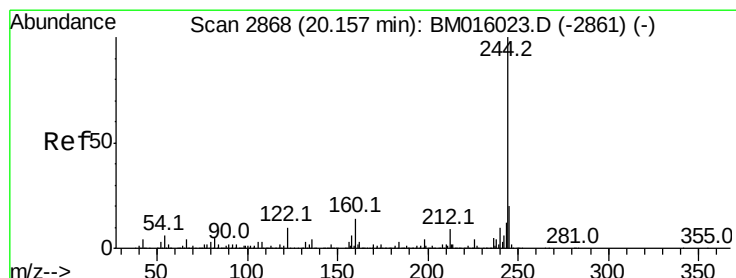
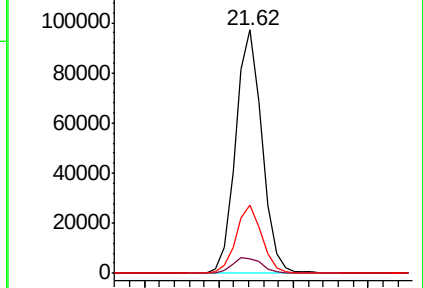
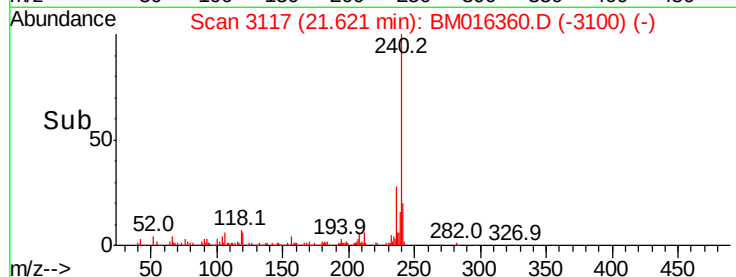
236 28.1 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016360.D

Acq: 14 Aug 2018 18:26

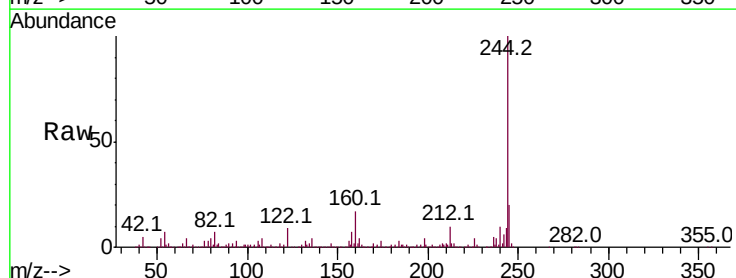
Tgt Ion:244 Resp: 872918

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

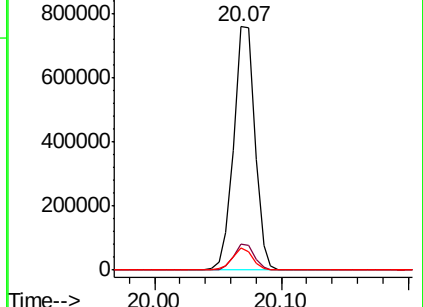
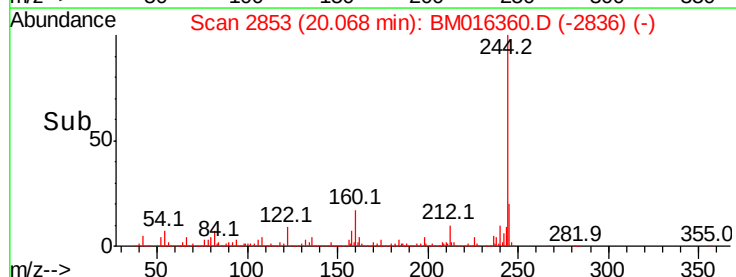
122 9.0 6.2 9.4

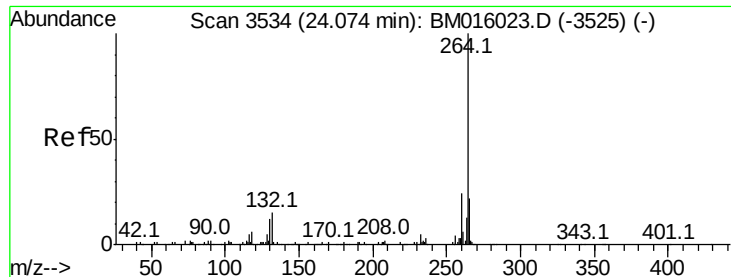


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016360.D
Acq: 14 Aug 2018 18:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	23.2	17.3	25.9

