

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016381.D
 Acq On : 15 Aug 2018 15:32
 Operator : SJ/JU
 Sample : J4471-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Aug 16 05:42:25 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

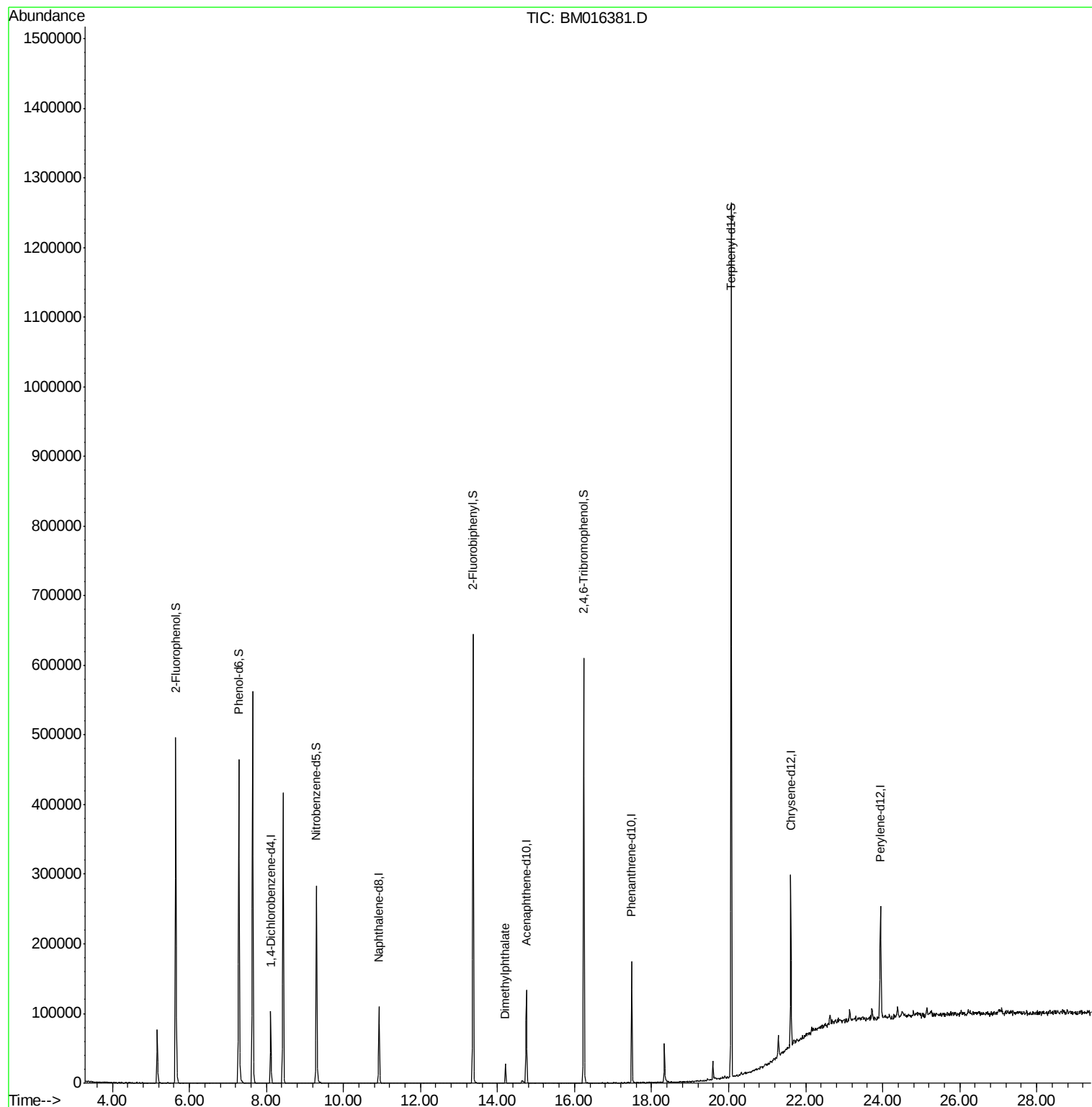
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19801	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	71634	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	37750	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	81388	20.00	ng	0.00
75) Chrysene-d12	21.62	240	96886	20.00	ng	0.00
86) Perylene-d12	23.94	264	100802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	151538	127.13	ng	0.00
7) Phenol-d6	7.28	99	173006	111.13	ng	0.00
23) Nitrobenzene-d5	9.30	82	135915	88.25	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	57163	119.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	247422	79.75	ng	0.00
78) Terphenyl-d14	20.07	244	403297	87.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	16126	4.881	ng	Qvalue # 96

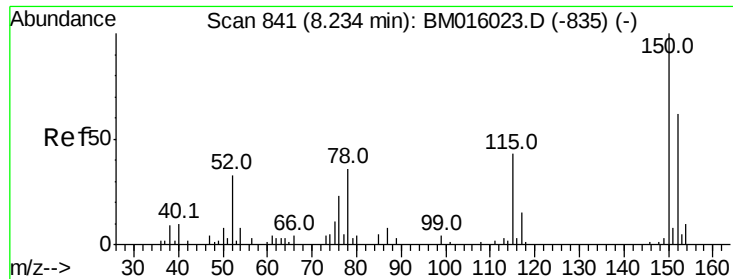
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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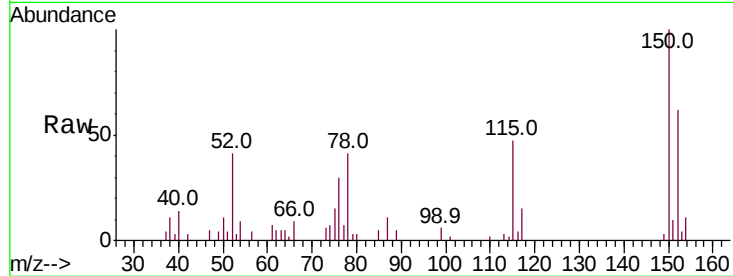


#1

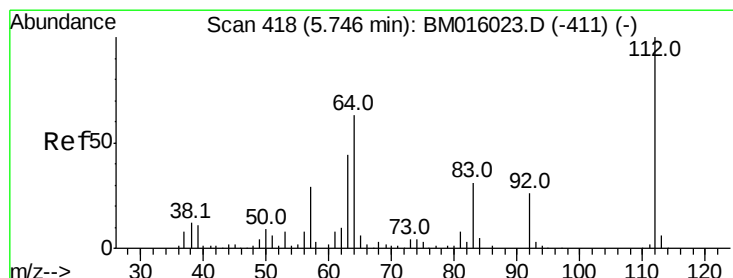
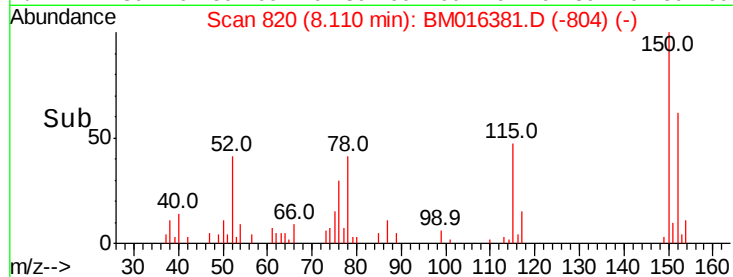
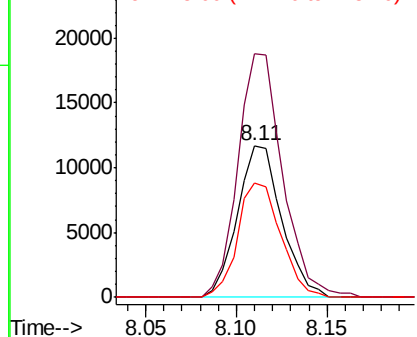
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion:152 Resp: 19801
Ion Ratio Lower Upper
152 100
150 160.7 119.5 179.3
115 75.3 43.0 64.4#



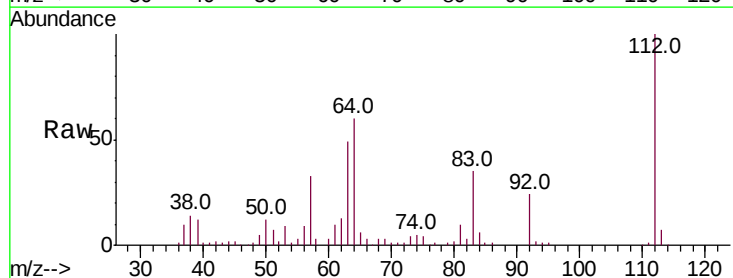
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



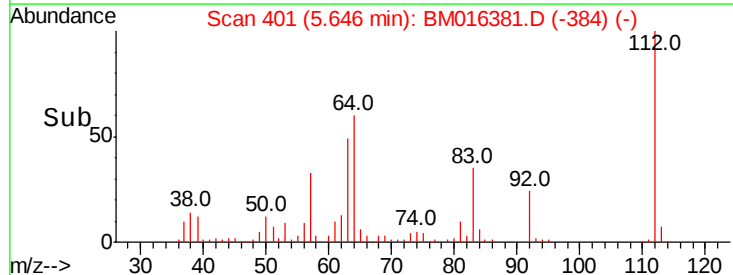
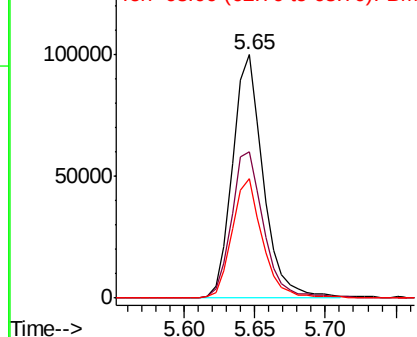
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:112 Resp: 151538
Ion Ratio Lower Upper
112 100
64 60.0 38.6 57.8#
63 49.3 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: N.D. ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016381.D

Acq: 15 Aug 2018 15:32

Instrument :

BNA_M

ClientSampleId :

TP-2

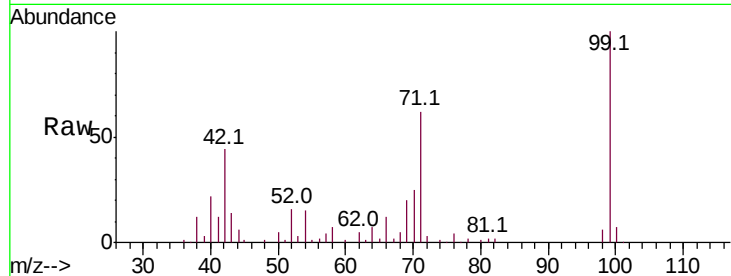
Tot Ion: 99 Resp: 173006

Ion Ratio Lower Upper

99 100

42 43.9 11.0 16.4#

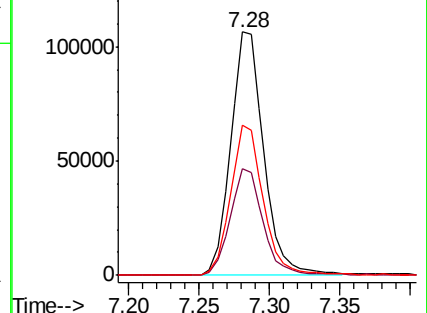
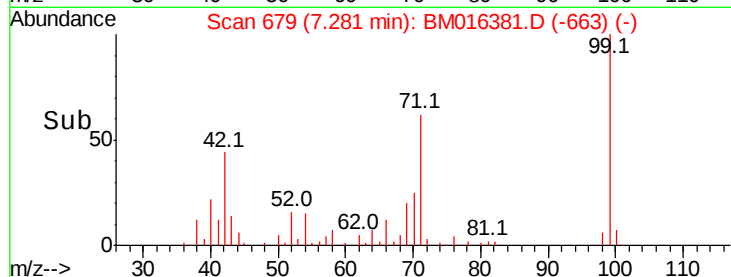
71 61.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016381.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016381.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016381.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016381.D

Acq: 15 Aug 2018 15:32

Tgt Ion: 136 Resp: 71634

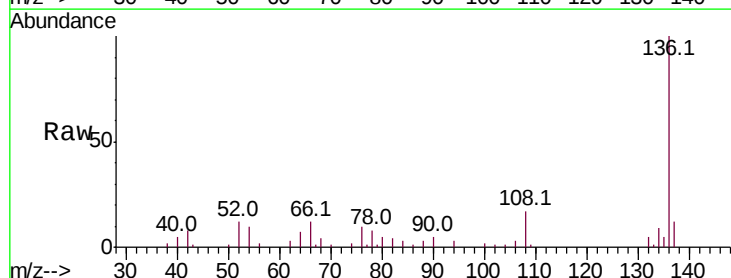
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 10.0 4.6 6.8#

68 3.9 3.7 5.5

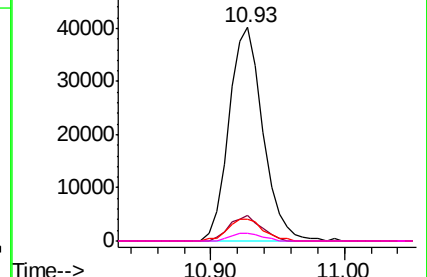
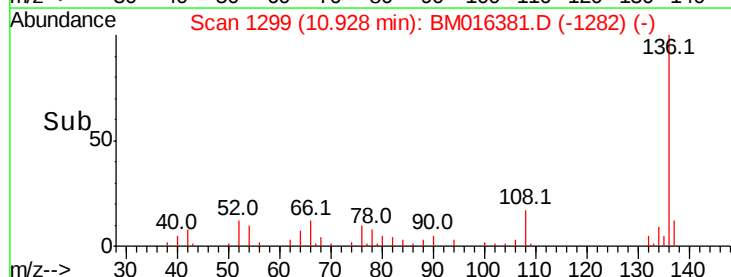


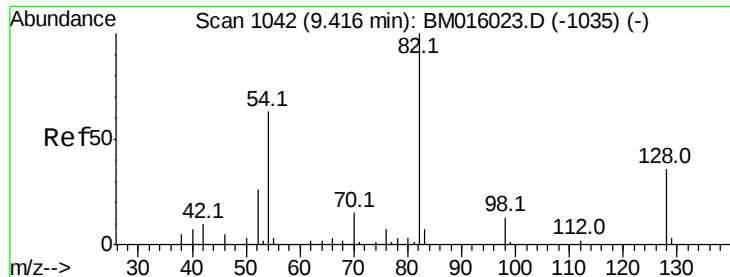
Abundance Ion 136.00 (135.70 to 136.70): BM016381.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016381.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016381.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016381.D (-1282) (-)

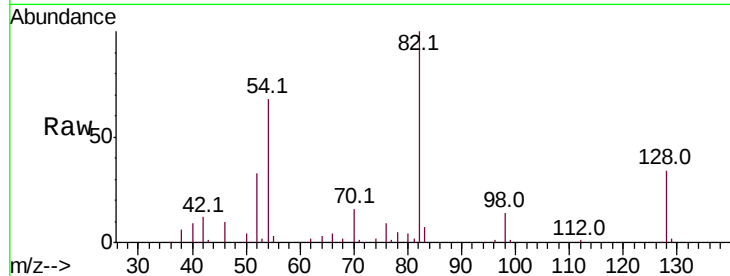




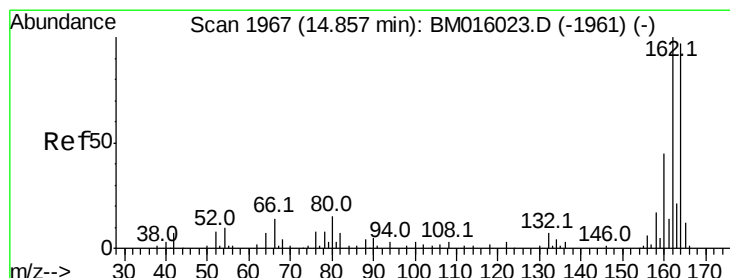
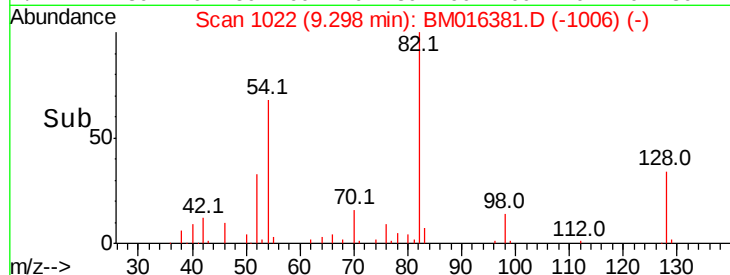
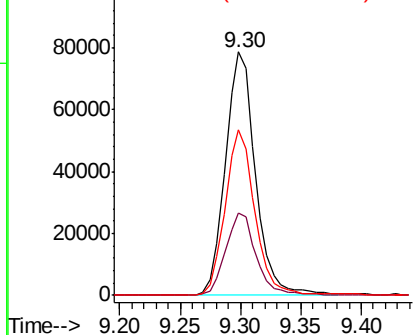
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion: 82 Resp: 135915
Ion Ratio Lower Upper
82 100
128 33.9 32.8 49.2
54 68.0 40.6 60.8#

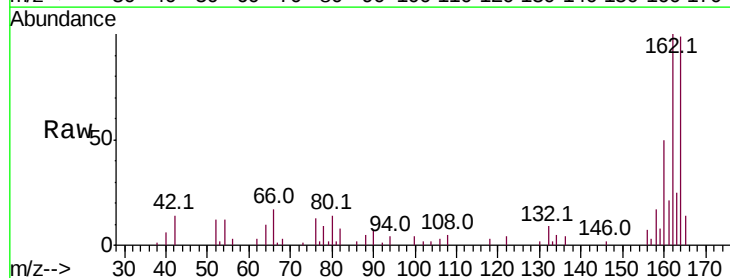


Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

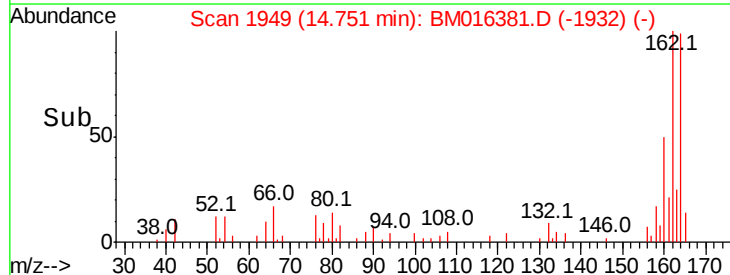
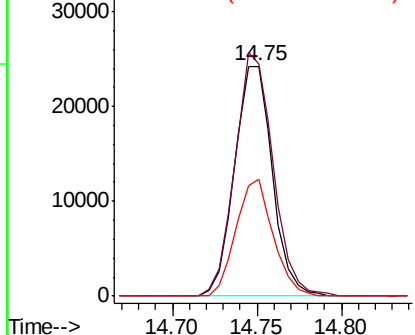


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:164 Resp: 37750
Ion Ratio Lower Upper
164 100
162 100.7 82.4 123.6
160 50.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

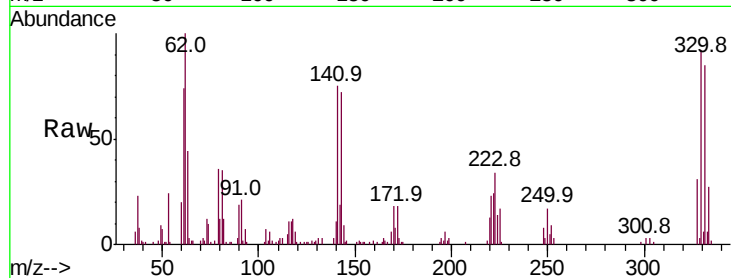




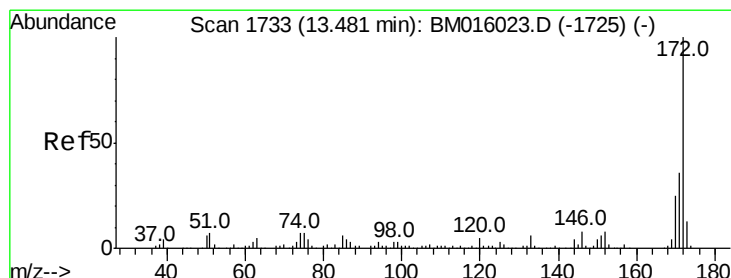
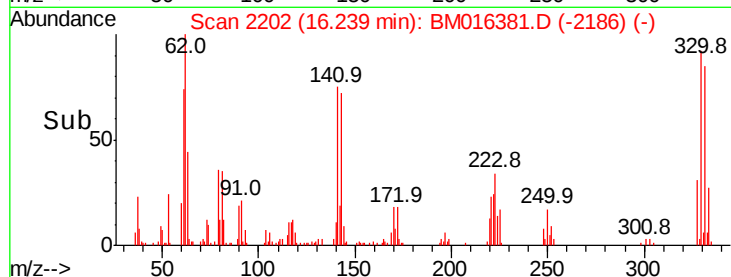
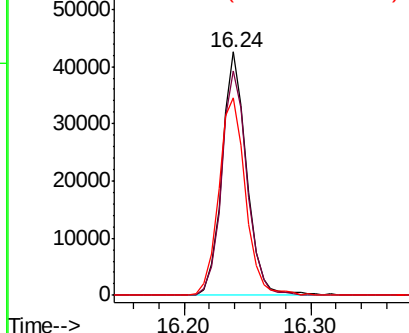
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016381.D
 Acq: 15 Aug 2018 15:32

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 57163
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 88.2 0.0 0.0#

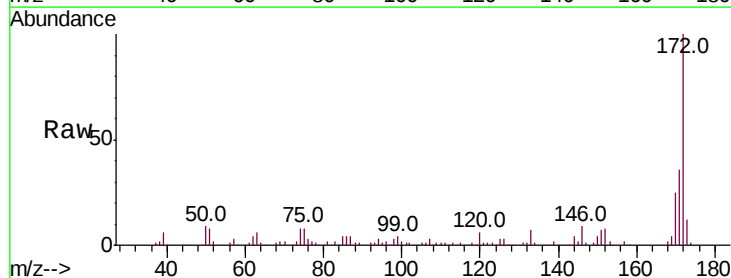


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

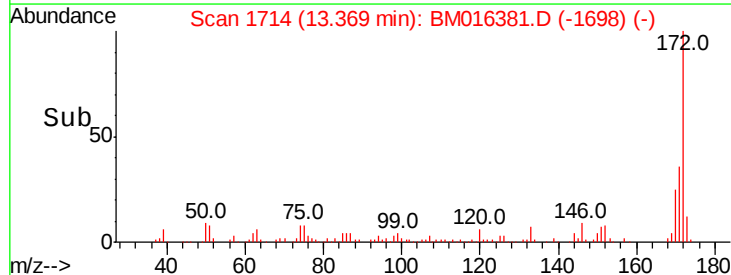
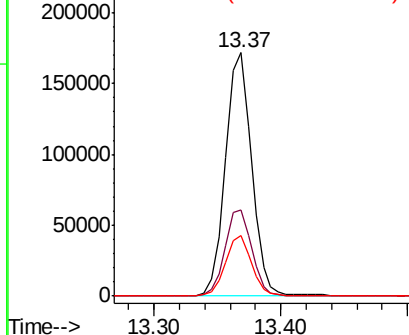


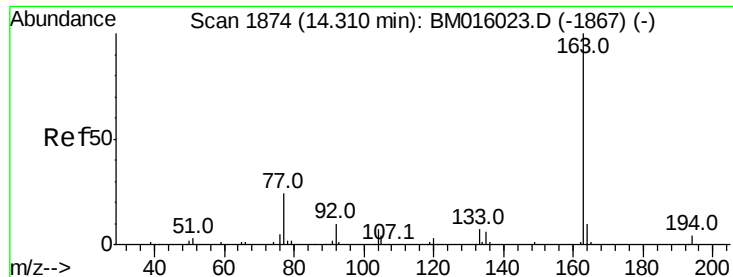
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016381.D
 Acq: 15 Aug 2018 15:32

Tgt Ion:172 Resp: 247422
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 4.881 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016381.D

Acq: 15 Aug 2018 15:32

Instrument :

BNA_M

ClientSampleID :

TP-2

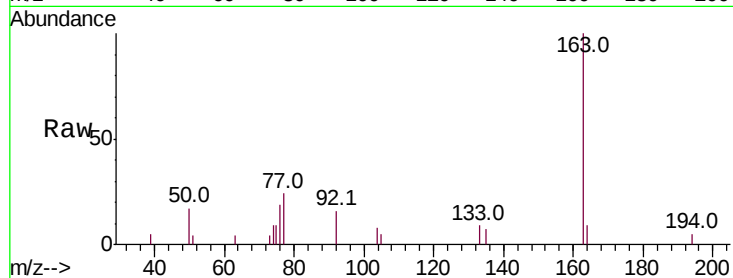
Tot Ion:163 Resp: 16126

Ion Ratio Lower Upper

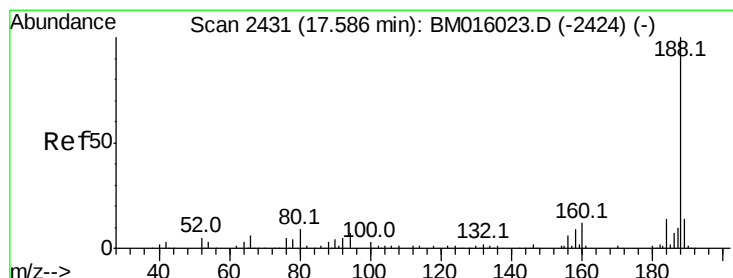
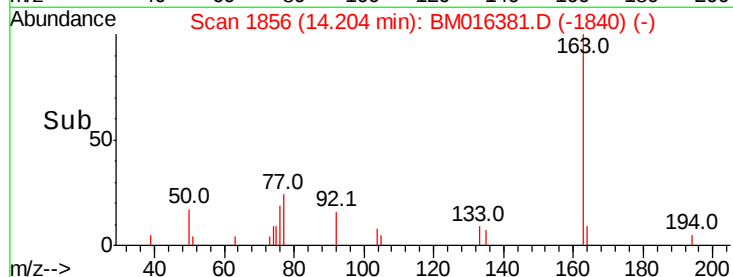
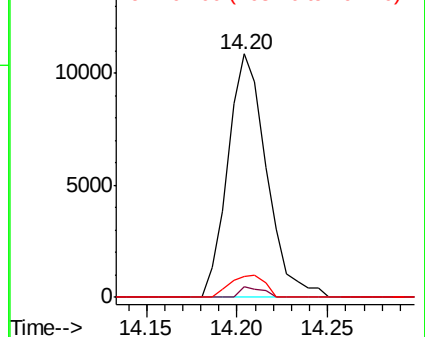
163 100

194 4.6 2.7 4.1#

164 8.7 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: BM016381.D

Acq: 15 Aug 2018 15:32

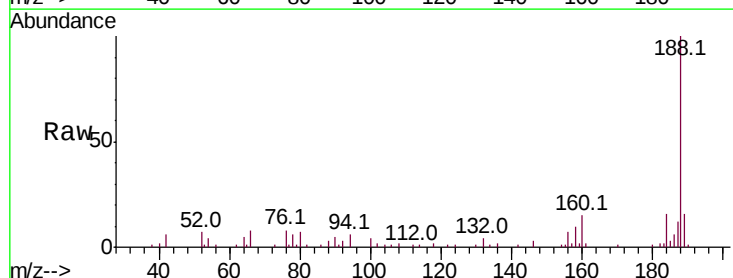
Tgt Ion:188 Resp: 81388

Ion Ratio Lower Upper

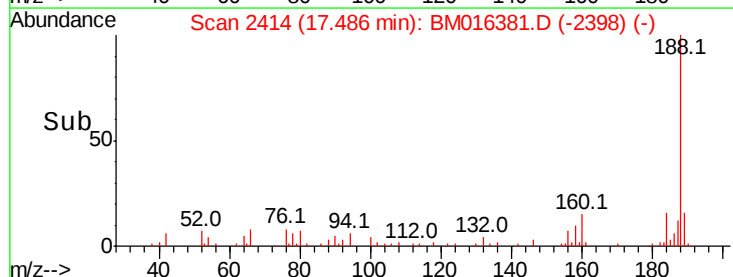
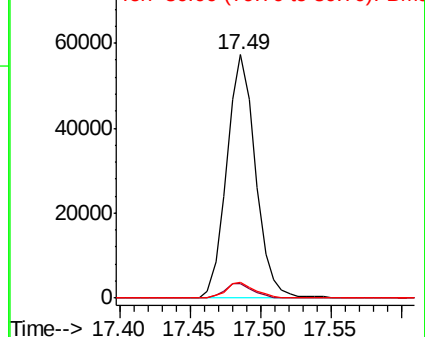
188 100

94 5.8 8.7 13.1#

80 6.6 9.3 13.9#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016381.D

Acq: 15 Aug 2018 15:32

Instrument :

BNA_M

ClientSampleId :

TP-2

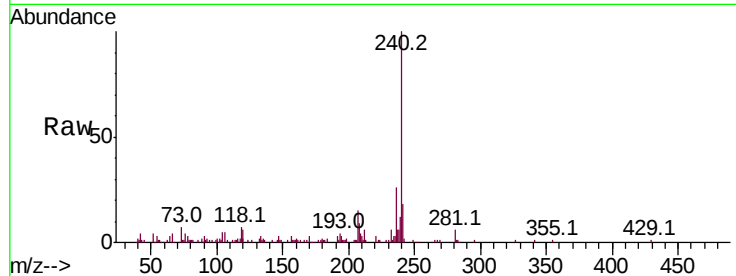
Tot Ion:240 Resp: 96886

Ion Ratio Lower Upper

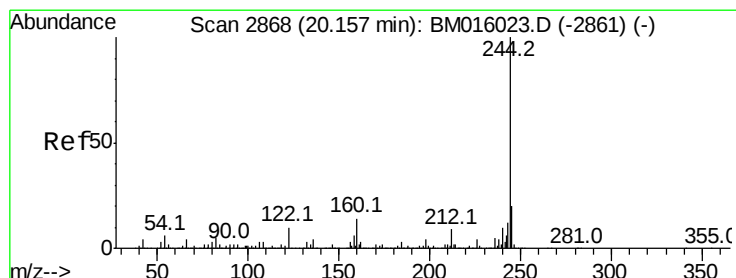
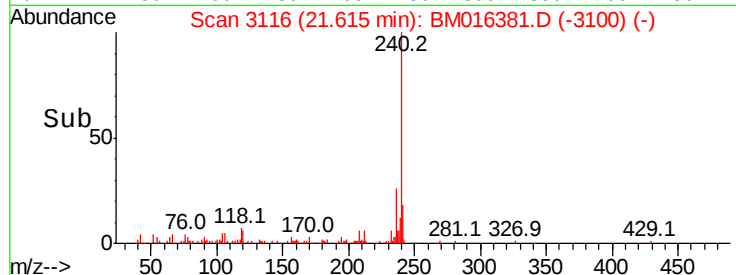
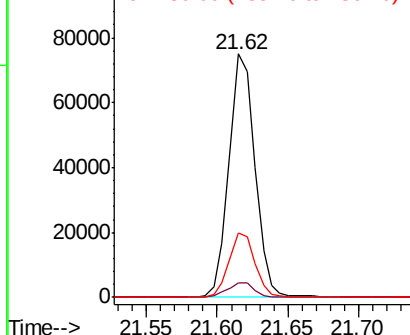
240 100

120 5.9 8.2 12.2#

236 26.3 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: BM016381.D

Acq: 15 Aug 2018 15:32

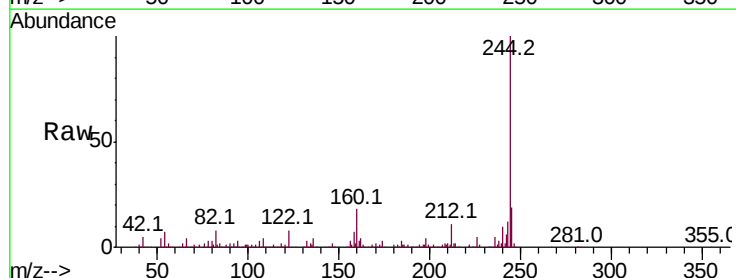
Tgt Ion:244 Resp: 403297

Ion Ratio Lower Upper

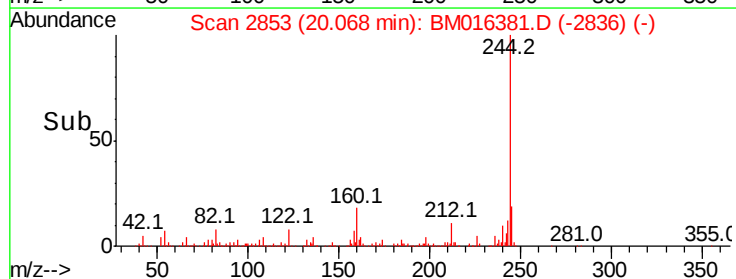
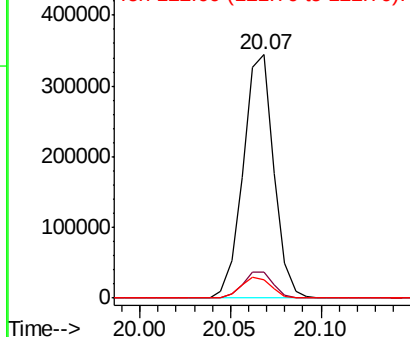
244 100

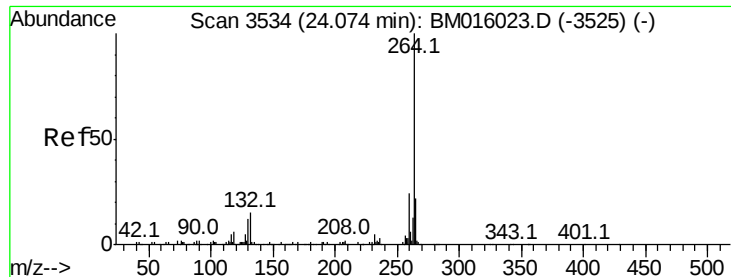
212 10.9 4.9 7.3#

122 7.7 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

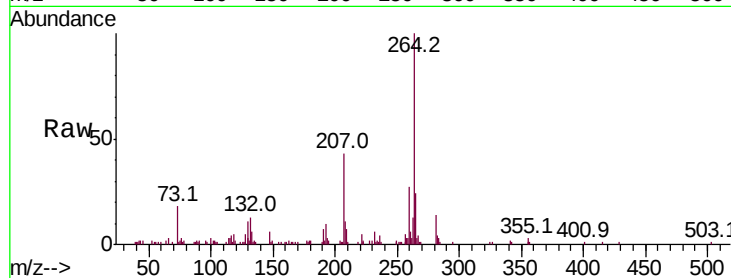




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	100802
Ion	Ratio	Lower	Upper
264	100		
260	27.0	18.6	27.8
265	24.2	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

