

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016406.D
 Acq On : 16 Aug 2018 08:01
 Operator : SJ/JU
 Sample : J4462-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081318-TIPC-F-U-B

Quant Time: Aug 16 08:47:34 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

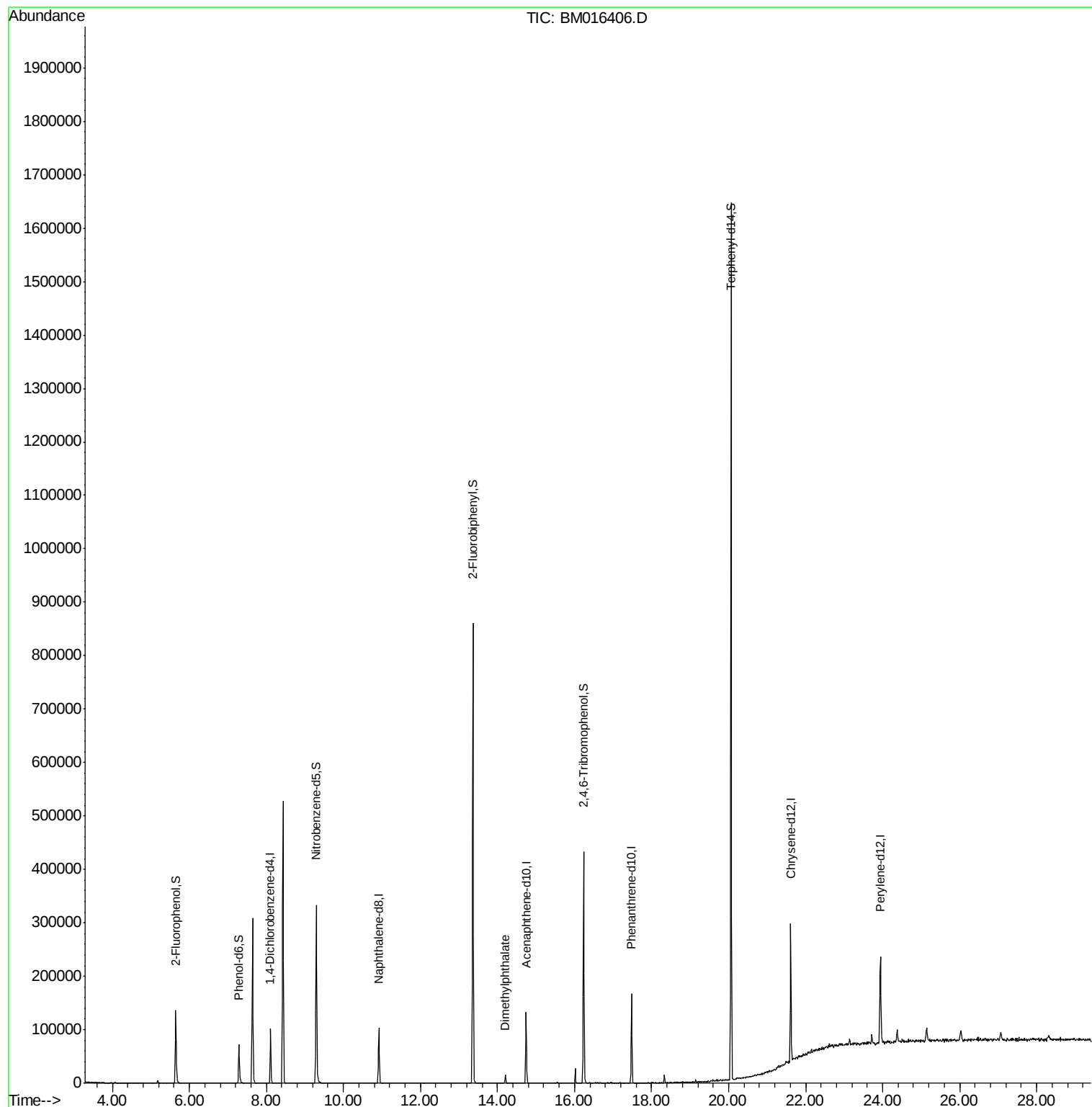
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19497	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	66648	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	34928	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	80885	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	101616	20.00	ng	0.00
86) Perylene-d12	23.94	264	108827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	45014	38.35	ng	0.00
7) Phenol-d6	7.28	99	30317	19.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	157720	110.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	38613	87.16	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	305336	106.37	ng	-0.01
78) Terphenyl-d14	20.06	244	476286	98.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	9813	3.210	ng	Qvalue # 97

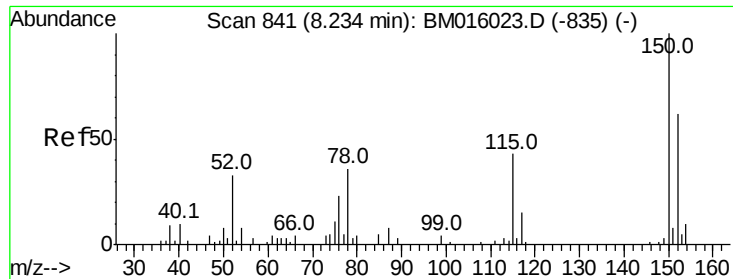
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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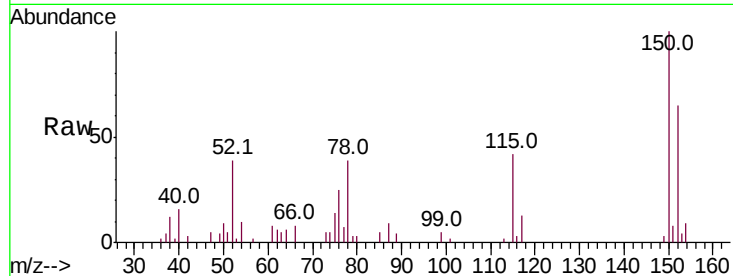


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016406.D
Acq: 16 Aug 2018 08:01

Instrument :
BNA_M
ClientSampleId :
081318-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	64.4	43.0	64.4

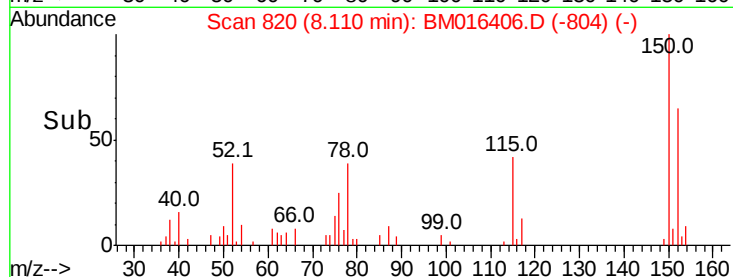
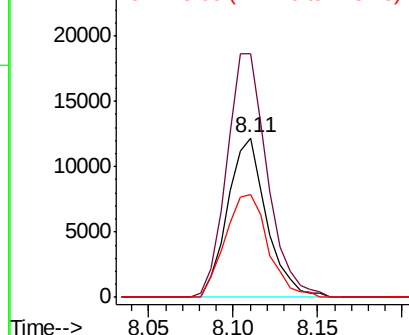


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

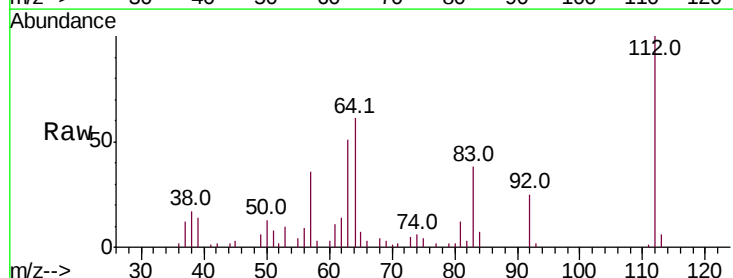
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BM016406.D
Acq: 16 Aug 2018 08:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	38.6	57.8#
63	50.9	19.3	28.9#

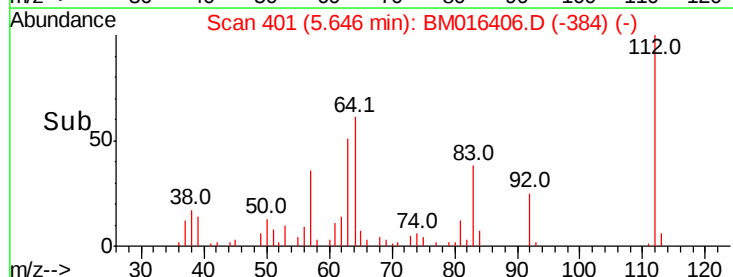
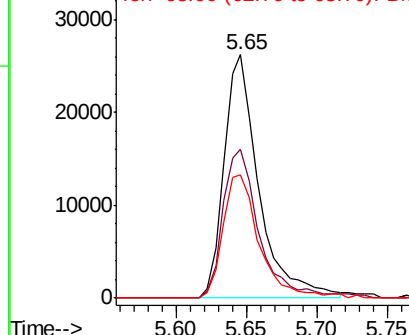


Abundance

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: BM016406.D

Acq: 16 Aug 2018 08:01

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-B

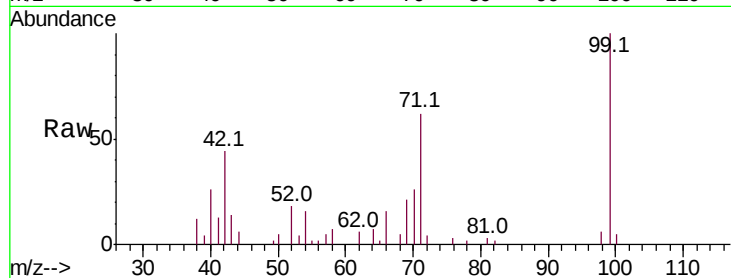
Tot Ion: 99 Resp: 30317

Ion Ratio Lower Upper

99 100

42 43.5 11.0 16.4#

71 62.1 23.4 35.2#

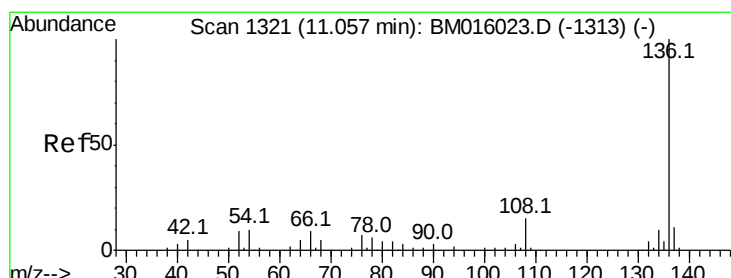
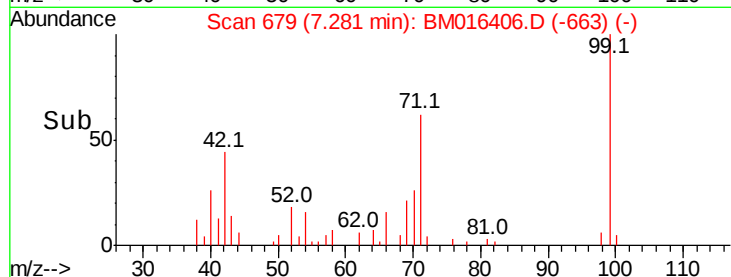
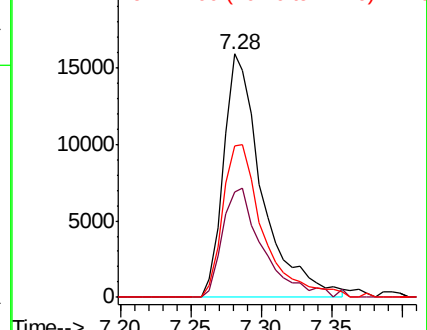


Abundance

Ion 99.00 (98.70 to 99.70): BM016406.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016406.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016406.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016406.D

Acq: 16 Aug 2018 08:01

Tgt Ion: 136 Resp: 66648

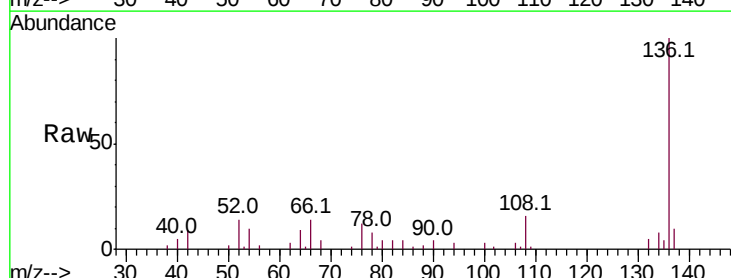
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 10.1 4.6 6.8#

68 4.0 3.7 5.5



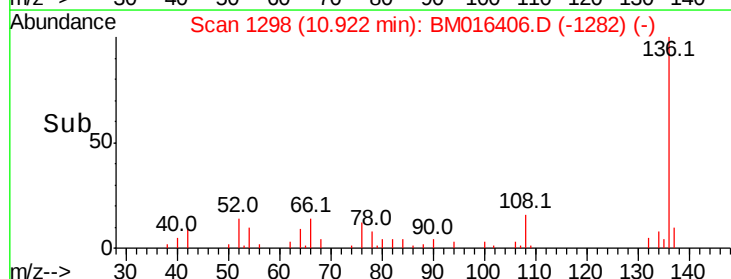
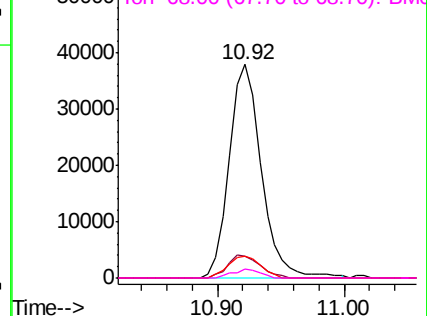
Abundance

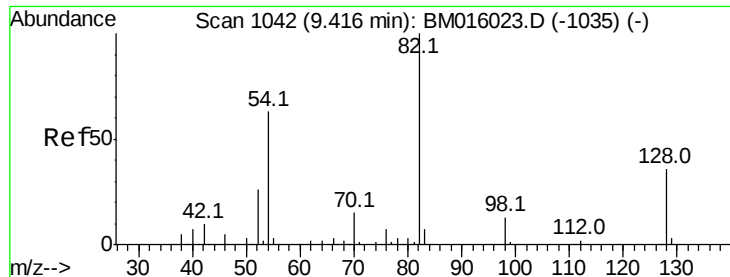
Ion 136.00 (135.70 to 136.70): BM016406.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016406.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016406.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016406.D (-1282) (-)

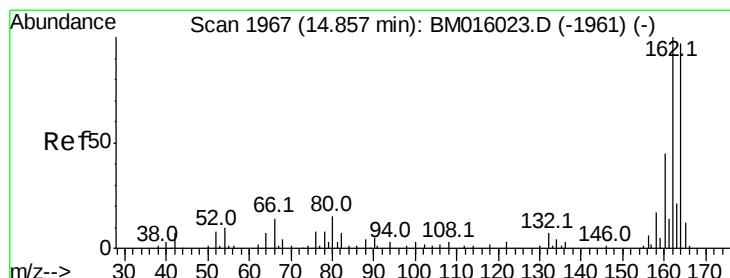
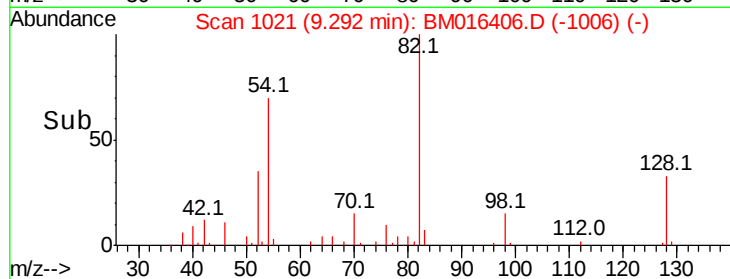
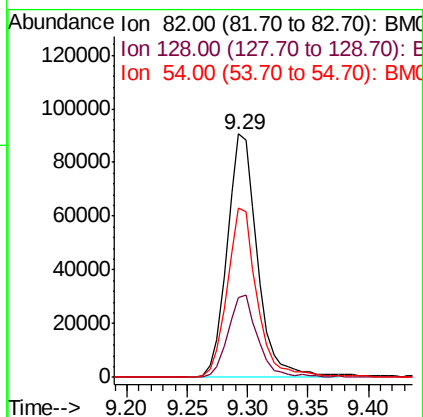
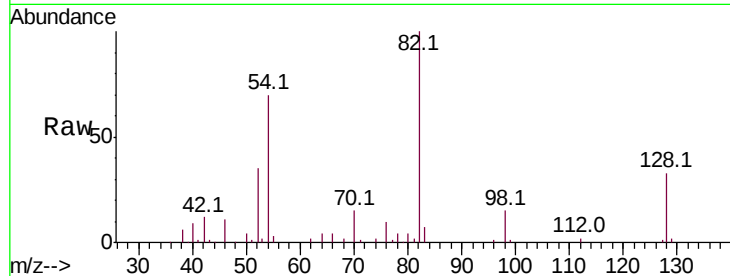




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM016406.D
Acq: 16 Aug 2018 08:01

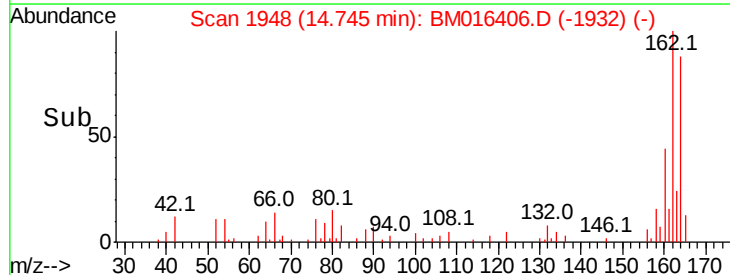
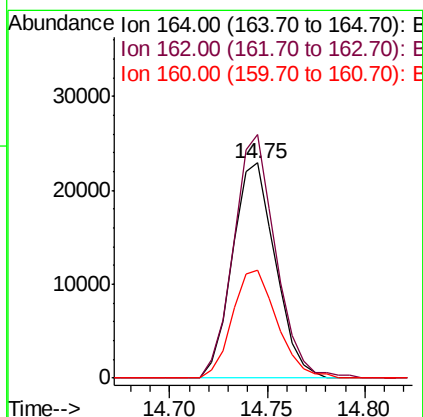
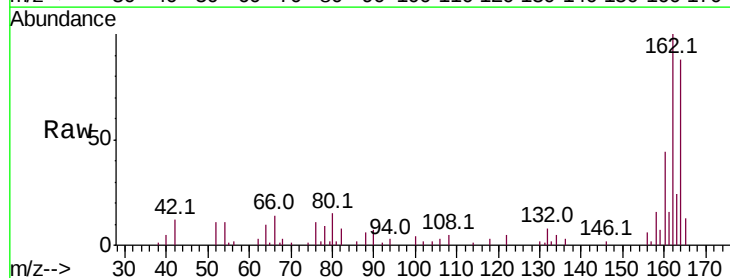
Instrument :
BNA_M
ClientSampleId :
081318-TIPC-F-U-B

Tot Ion	82	Resp	157720
Ion Ratio	Lower	Upper	
82	100		
128	32.7	32.8	49.2#
54	69.6	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016406.D
Acq: 16 Aug 2018 08:01

Tgt Ion	164	Resp	34928
Ion Ratio	Lower	Upper	
164	100		
162	113.2	82.4	123.6
160	50.3	35.8	53.6

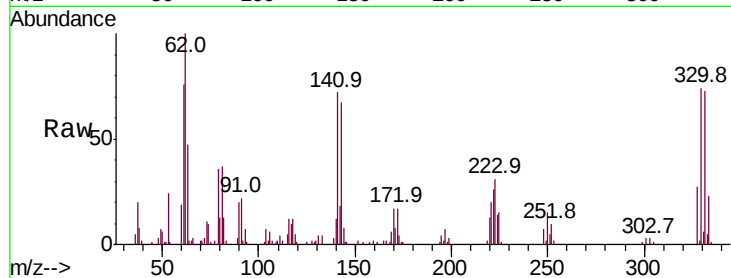




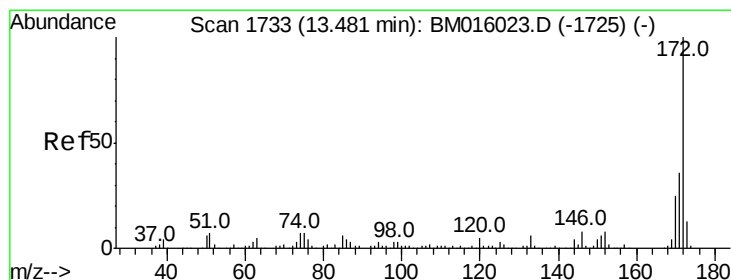
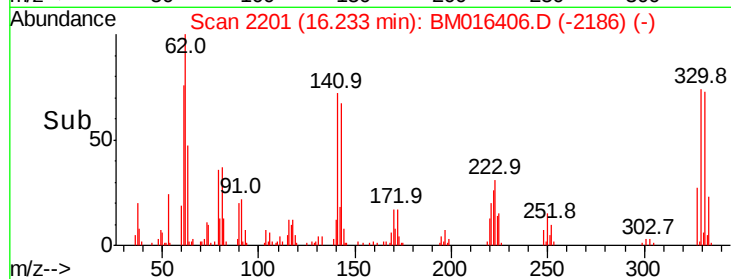
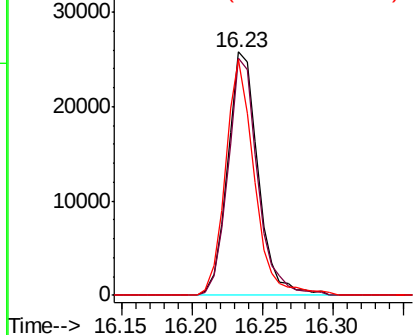
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016406.D
 Acq: 16 Aug 2018 08:01

Instrument :
 BNA_M
 ClientSampleId :
 081318-TIPC-F-U-B

Tot Ion:330 Resp: 38613
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 92.0 0.0 0.0#

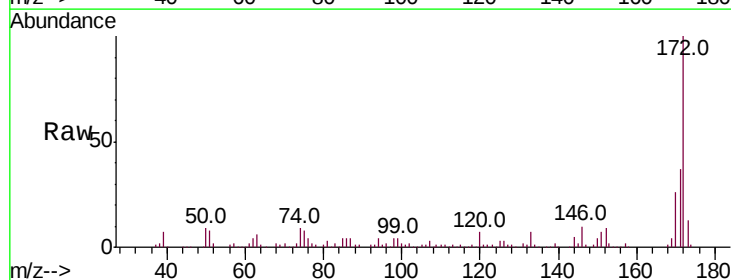


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

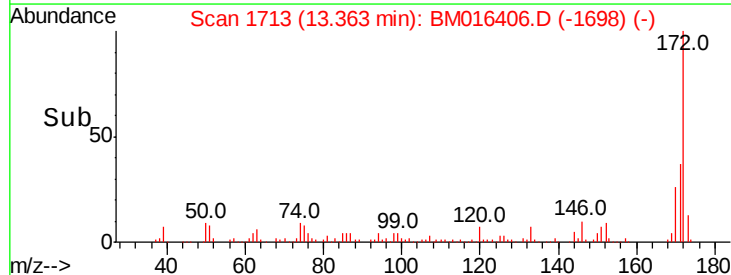
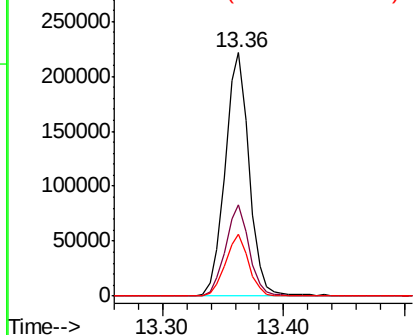


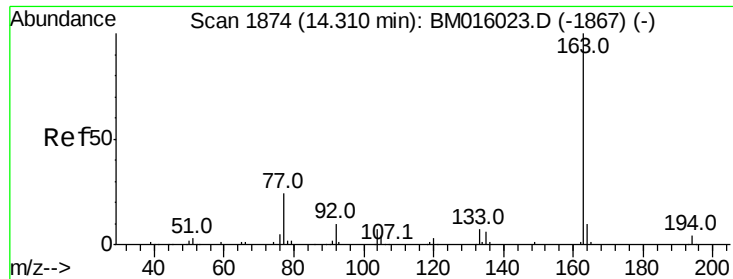
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016406.D
 Acq: 16 Aug 2018 08:01

Tgt Ion:172 Resp: 305336
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.5 42.7
 170 25.6 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: 3.210 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016406.D

Acq: 16 Aug 2018 08:01

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-B

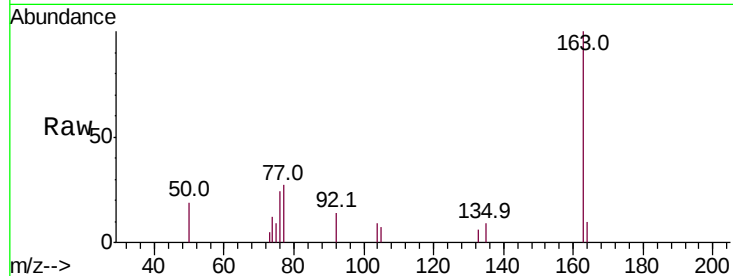
Tot Ion:163 Resp: 9813

Ion Ratio Lower Upper

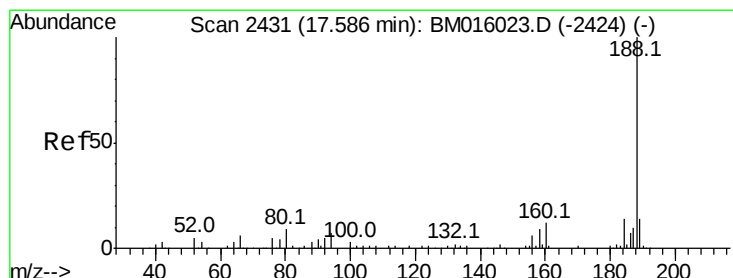
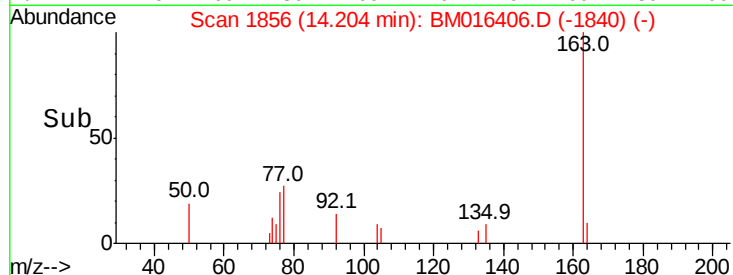
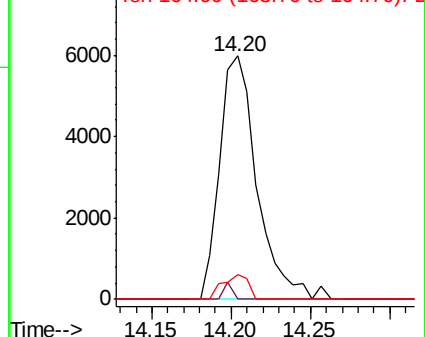
163 100

194 0.0 2.7 4.1#

164 10.3 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: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016406.D

Acq: 16 Aug 2018 08:01

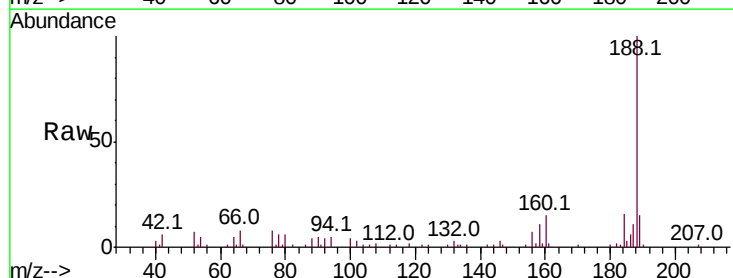
Tgt Ion:188 Resp: 80885

Ion Ratio Lower Upper

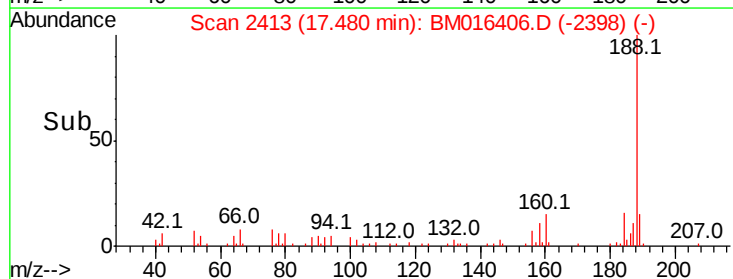
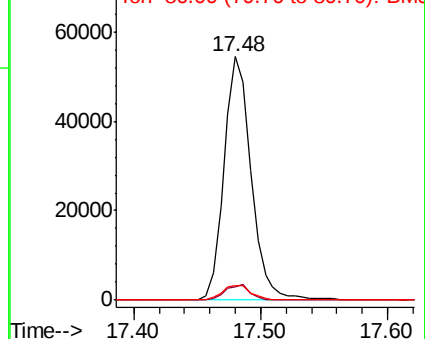
188 100

94 5.4 8.7 13.1#

80 6.2 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# 3116

Delta R.T. -0.01 min

Lab File: BM016406.D

Acq: 16 Aug 2018 08:01

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-B

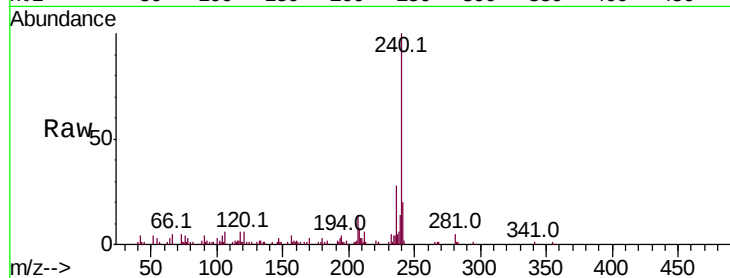
Tot Ion:240 Resp: 101616

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

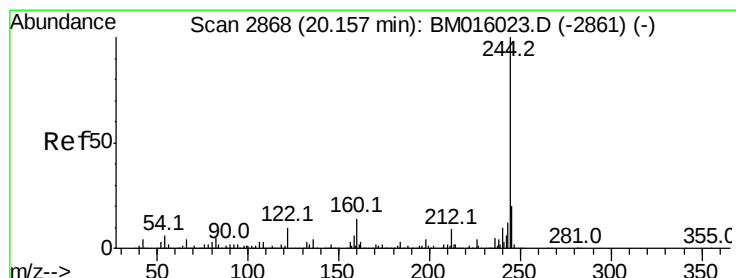
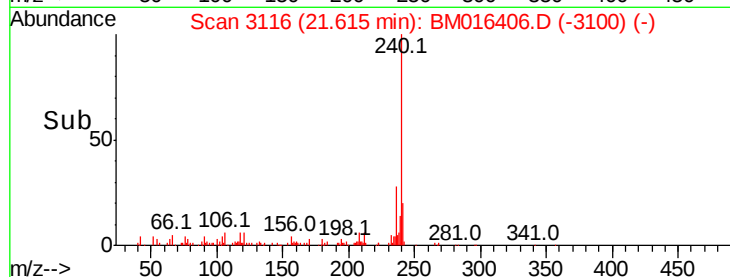
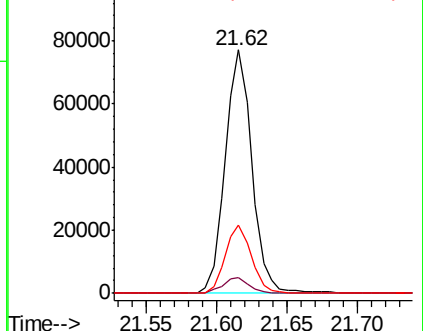
236 27.8 20.0 30.0



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: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016406.D

Acq: 16 Aug 2018 08:01

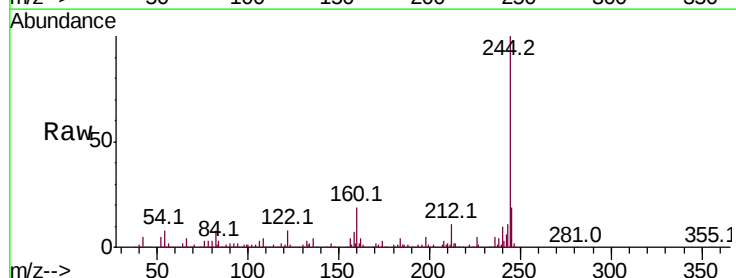
Tgt Ion:244 Resp: 476286

Ion Ratio Lower Upper

244 100

212 11.3 4.9 7.3#

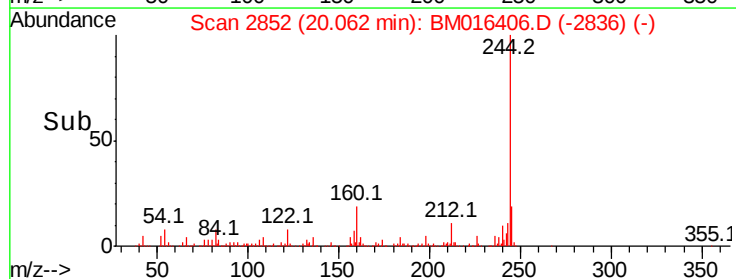
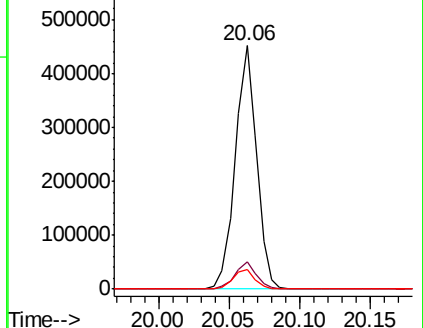
122 7.8 6.2 9.4

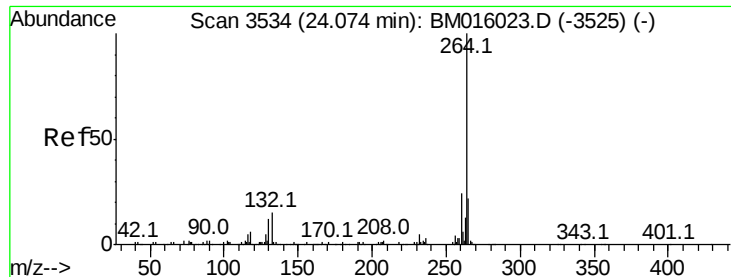


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

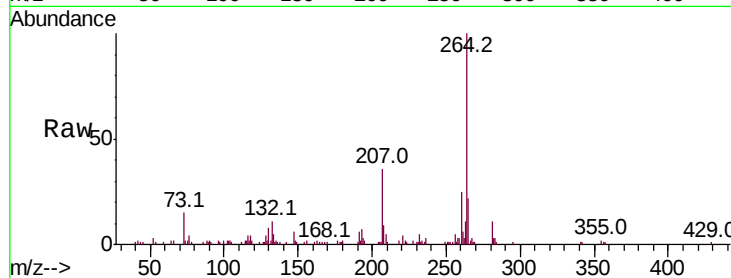




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BM016406.D
 Acq: 16 Aug 2018 08:01

Instrument :
 BNA_M
 ClientSampleId :
 081318-TIPC-F-U-B

Tot Ion:	264	Resp:	108827
Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	22.1	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

