

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016407.D
 Acq On : 16 Aug 2018 08:37
 Operator : SJ/JU
 Sample : J4462-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 16 11:56:57 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

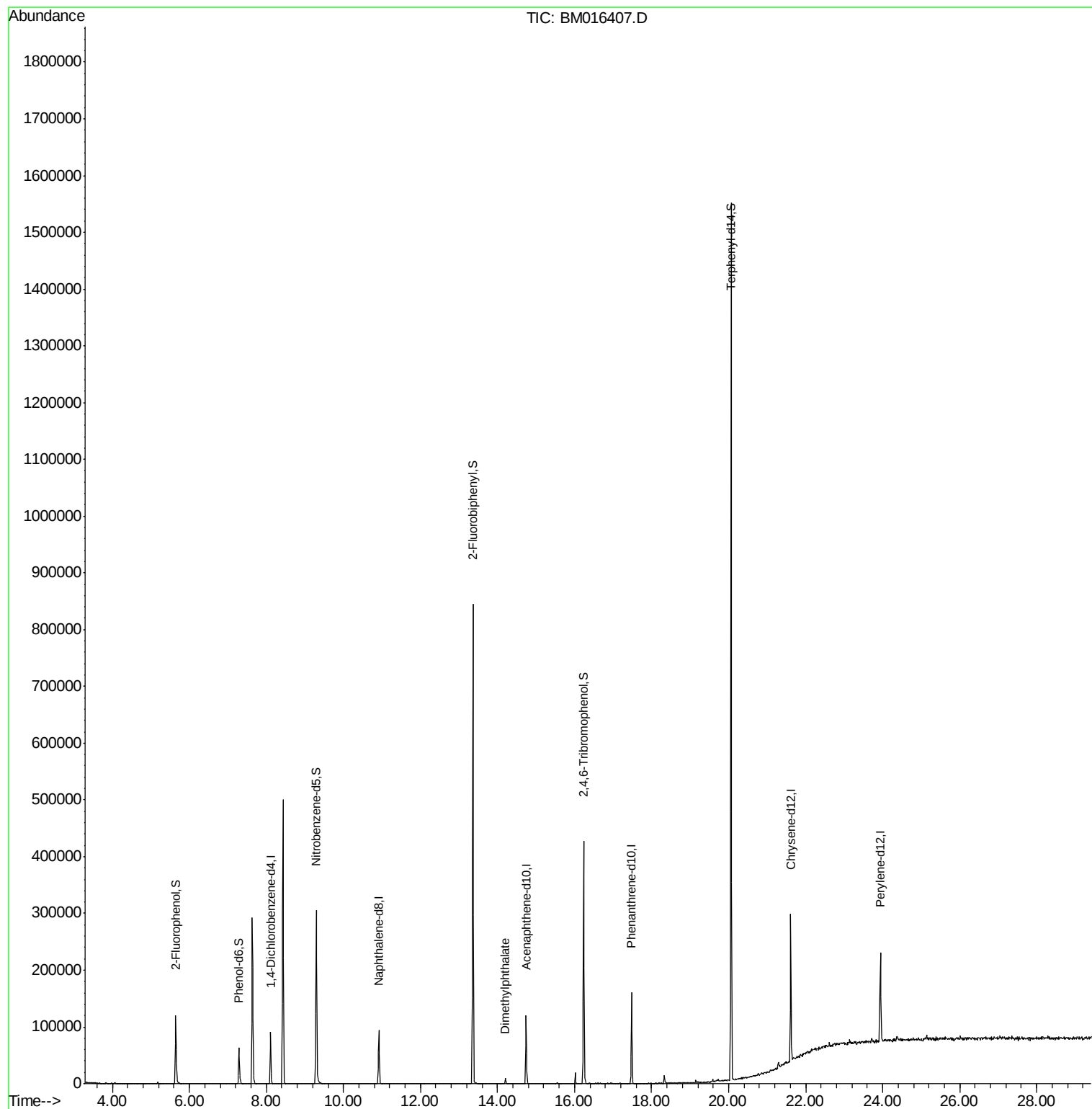
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17225	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	61184	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	31031	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	75874	20.00	ng	-0.01
75) Chrysene-d12	21.61	240	95069	20.00	ng	0.00
86) Perylene-d12	23.94	264	103720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	41065	39.60	ng	0.00
7) Phenol-d6	7.29	99	27423	20.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	148568	112.94	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	38099	96.80	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	292231	114.58	ng	-0.01
78) Terphenyl-d14	20.06	244	445325	98.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	6397	2.356	ng	Qvalue # 92

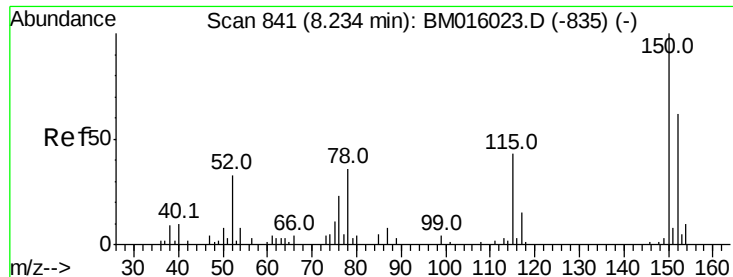
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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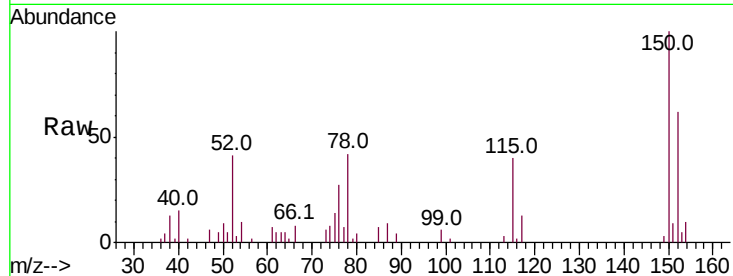


#1

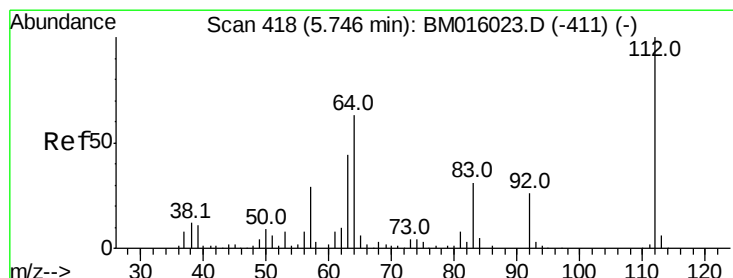
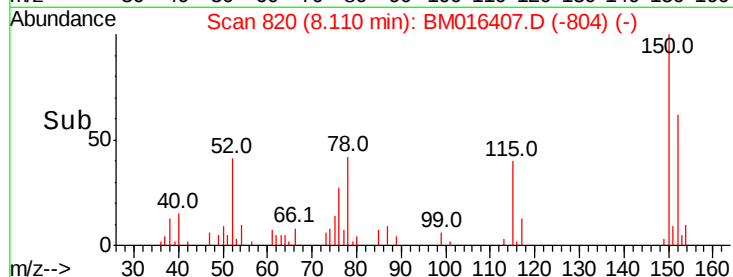
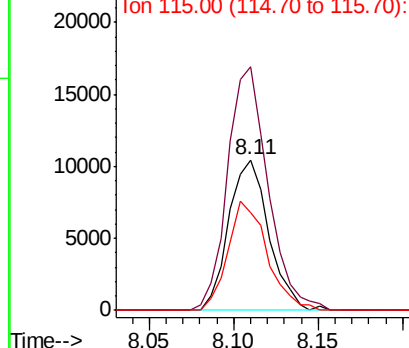
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016407.D
 Acq: 16 Aug 2018 08:37

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

Tot Ion:152 Resp: 17225
 Ion Ratio Lower Upper
 152 100
 150 161.9 119.5 179.3
 115 64.6 43.0 64.4#



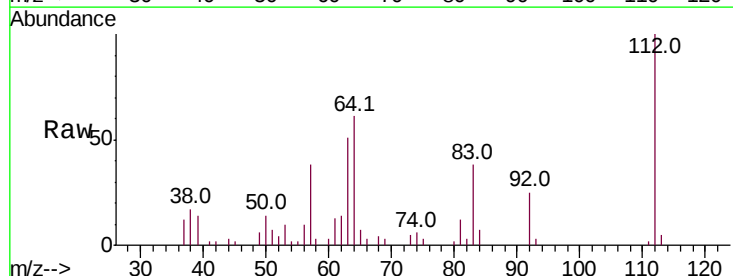
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



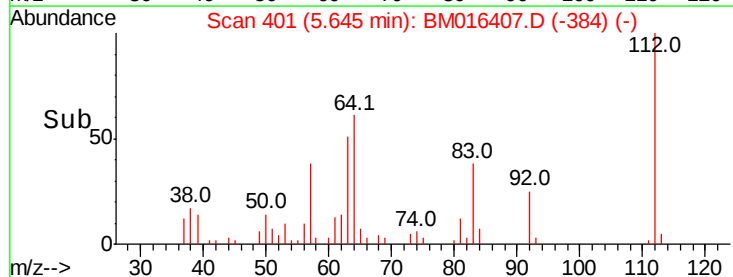
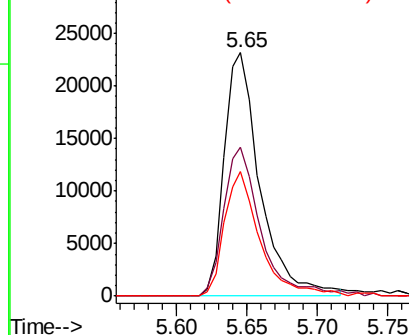
#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM016407.D
 Acq: 16 Aug 2018 08:37

Tgt Ion:112 Resp: 41065
 Ion Ratio Lower Upper
 112 100
 64 61.0 38.6 57.8#
 63 51.4 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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016407.D

Acq: 16 Aug 2018 08:37

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-S

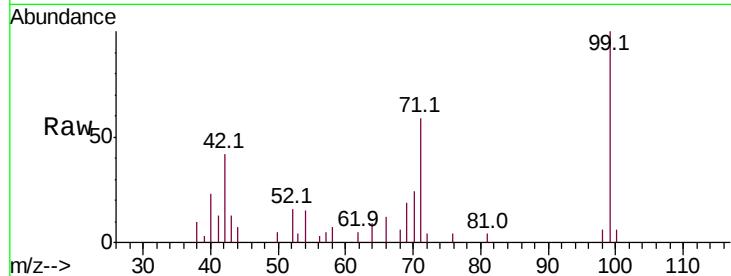
Tot Ion: 99 Resp: 27423

Ion Ratio Lower Upper

99 100

42 41.6 11.0 16.4#

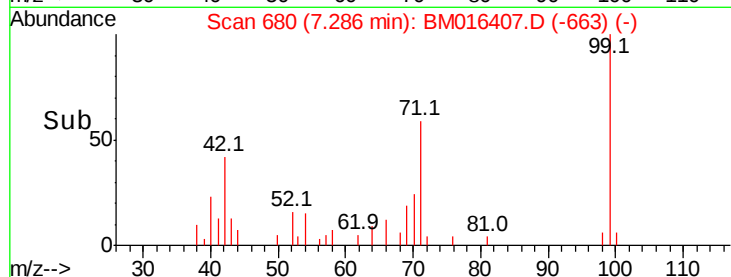
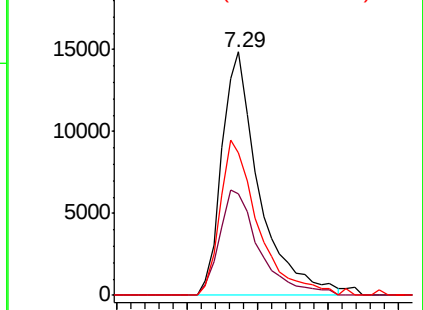
71 58.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016407.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016407.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016407.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016407.D

Acq: 16 Aug 2018 08:37

Tgt Ion: 136 Resp: 61184

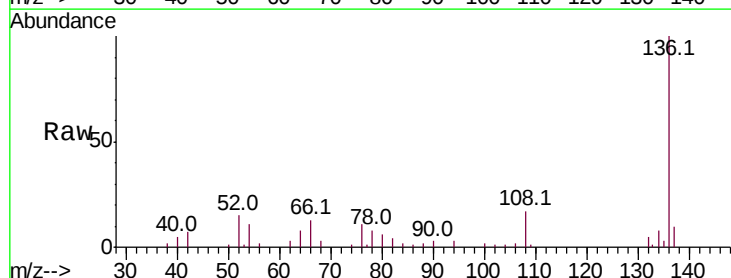
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.9 4.6 6.8#

68 3.2 3.7 5.5#

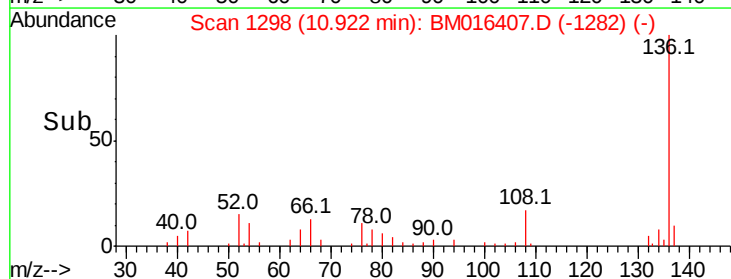
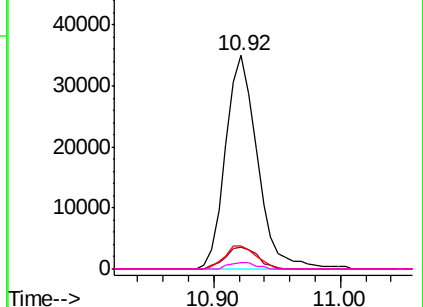


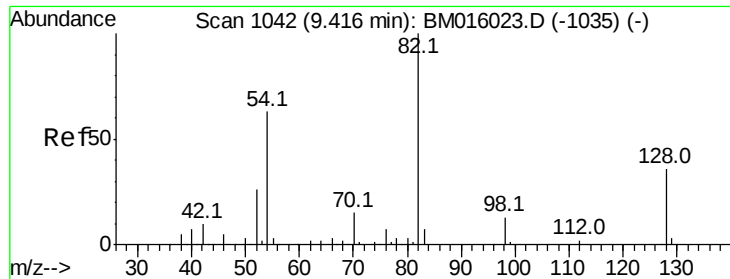
Abundance Ion 136.00 (135.70 to 136.70): BM016407.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016407.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016407.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016407.D (-1282) (-)

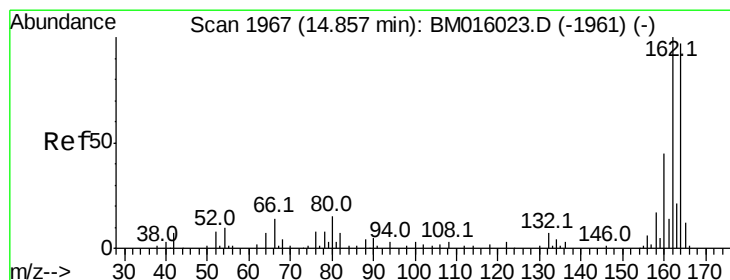
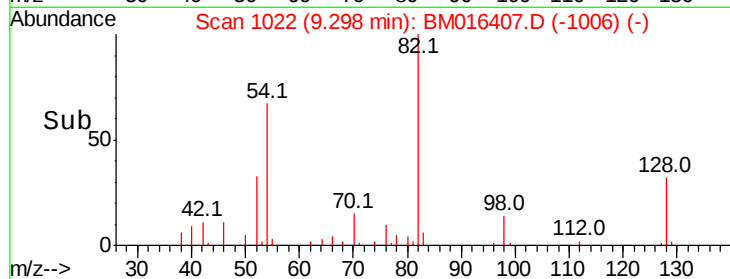
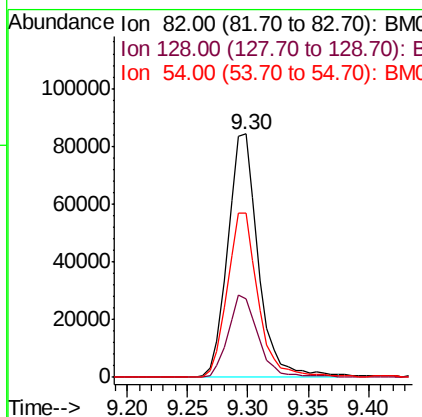
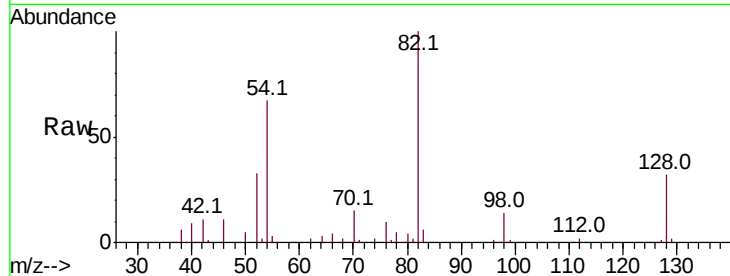




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016407.D
Acq: 16 Aug 2018 08:37

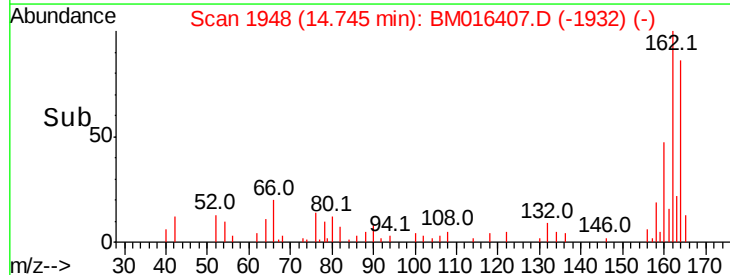
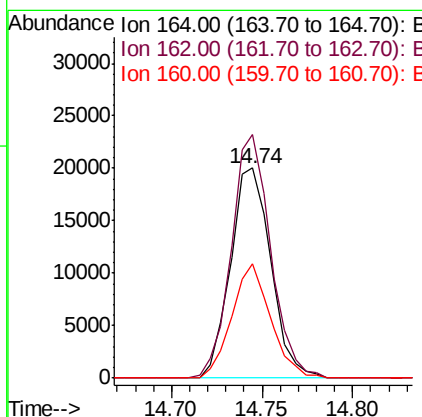
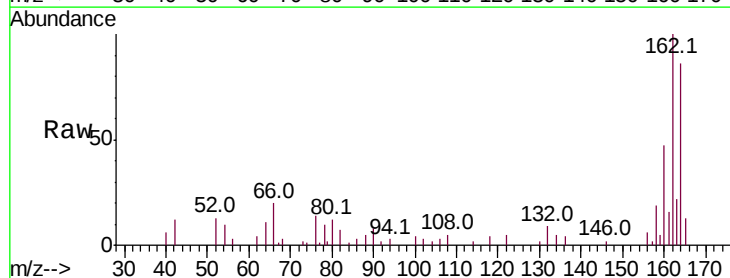
Instrument :
BNA_M
ClientSampleId :
081318-TIPC-F-U-S

Tot Ion: 82 Resp: 148568
Ion Ratio Lower Upper
82 100
128 32.5 32.8 49.2#
54 67.4 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016407.D
Acq: 16 Aug 2018 08:37

Tgt Ion:164 Resp: 31031
Ion Ratio Lower Upper
164 100
162 115.9 82.4 123.6
160 54.2 35.8 53.6#

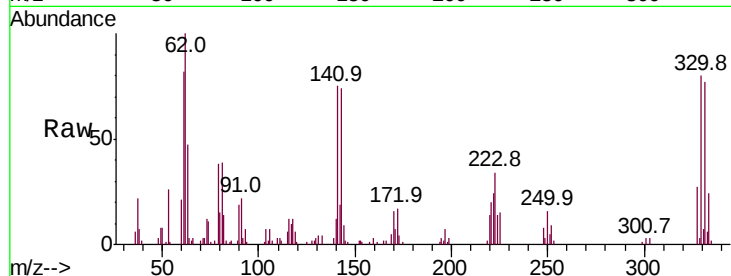




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016407.D
 Acq: 16 Aug 2018 08:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	93.0	0.0	0.0#

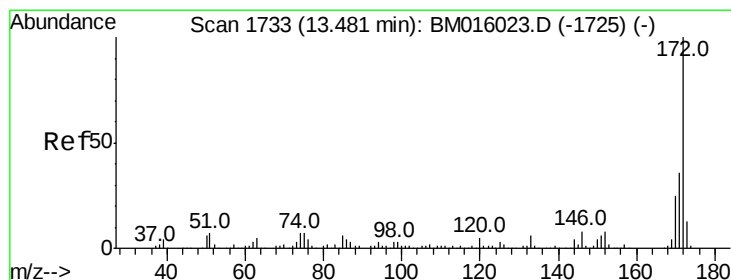
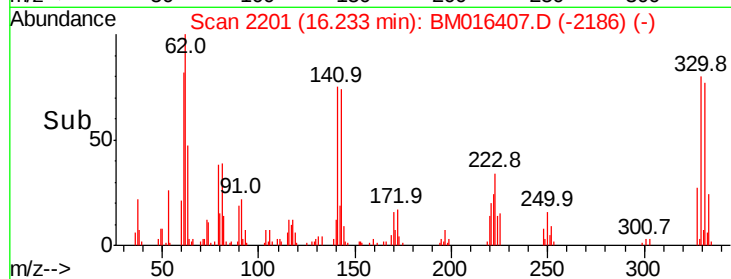
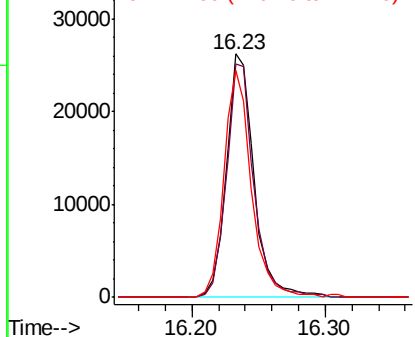


Abundance

Ion 329.80 (329.50 to 330.50): E

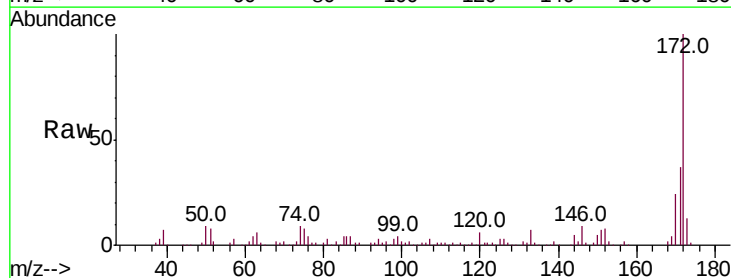
Ion 331.80 (331.50 to 332.50): E

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: BM016407.D
 Acq: 16 Aug 2018 08:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	24.4	18.8	28.2

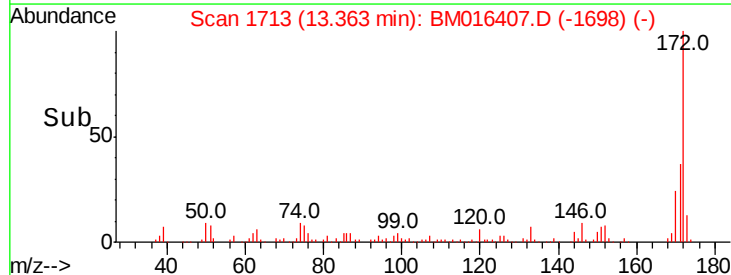
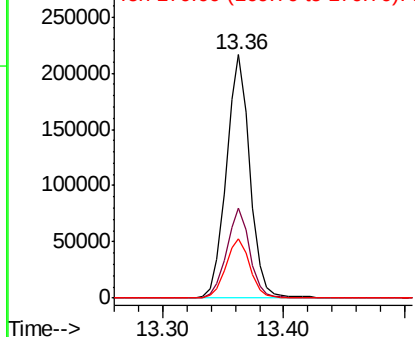


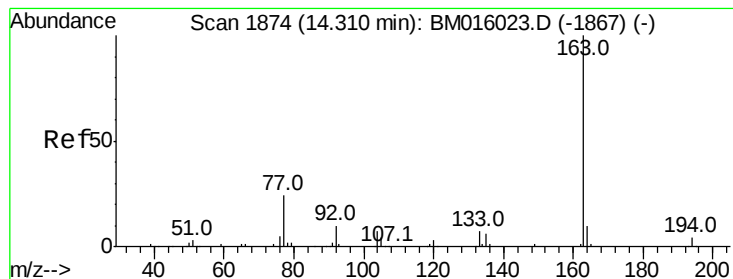
Abundance

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: 2.356 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016407.D

Acq: 16 Aug 2018 08:37

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-S

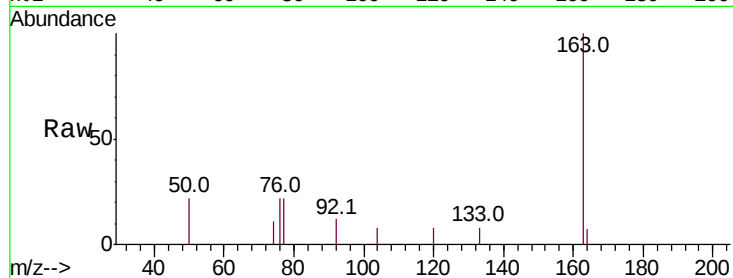
Tot Ion:163 Resp: 6397

Ion Ratio Lower Upper

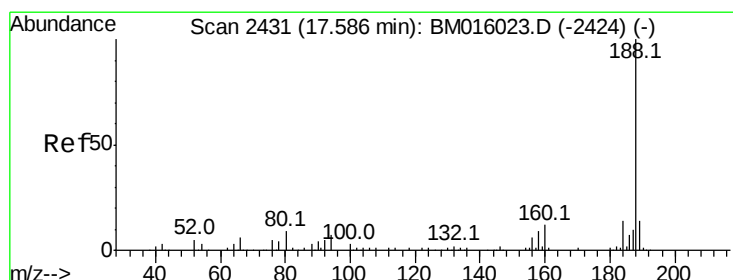
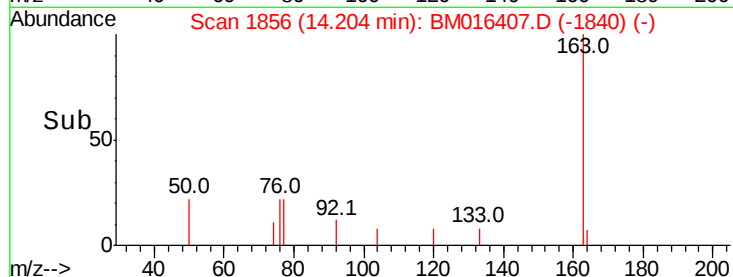
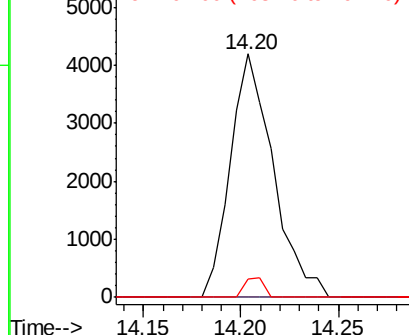
163 100

194 0.0 2.7 4.1#

164 7.3 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: BM016407.D

Acq: 16 Aug 2018 08:37

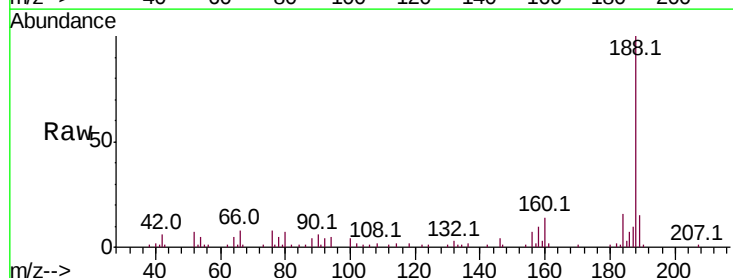
Tgt Ion:188 Resp: 75874

Ion Ratio Lower Upper

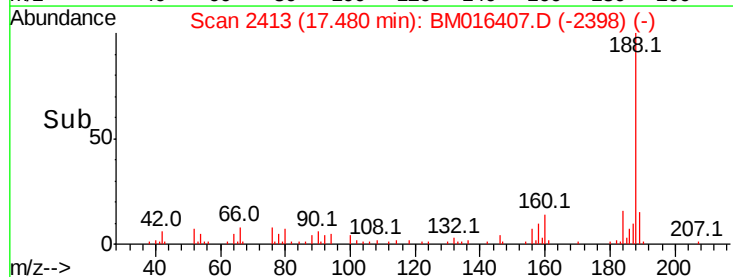
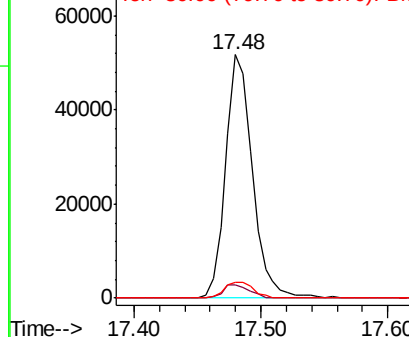
188 100

94 5.5 8.7 13.1#

80 6.5 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: 21.61 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016407.D

Acq: 16 Aug 2018 08:37

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-U-S

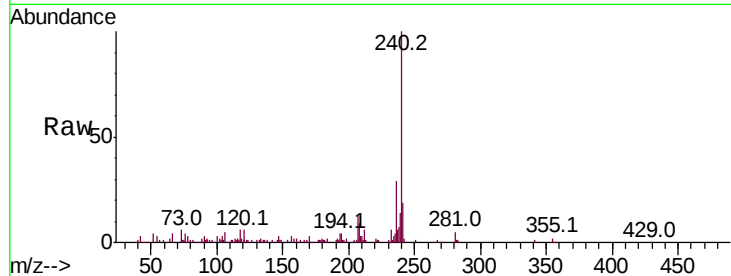
Tot Ion:240 Resp: 95069

Ion Ratio Lower Upper

240 100

120 6.2 8.2 12.2#

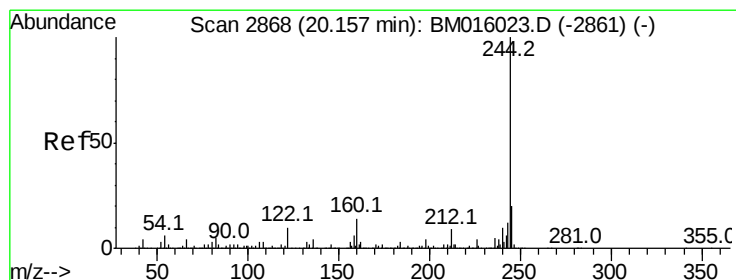
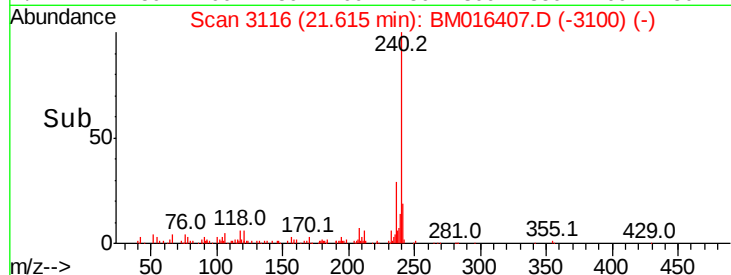
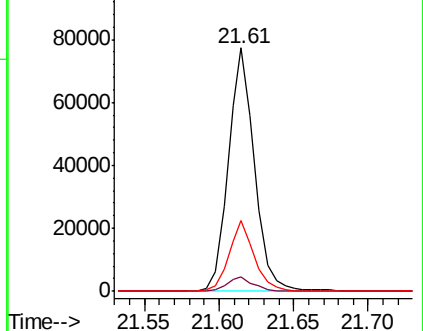
236 28.9 20.0 30.0



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: BM016407.D

Acq: 16 Aug 2018 08:37

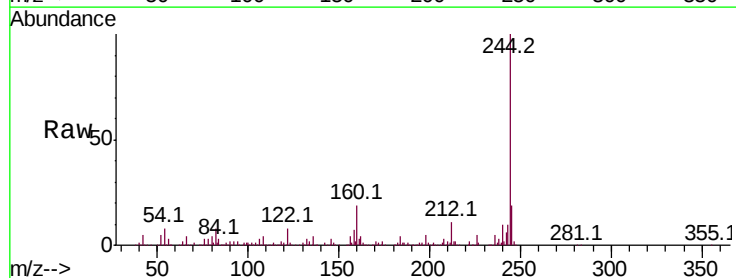
Tgt Ion:244 Resp: 445325

Ion Ratio Lower Upper

244 100

212 11.2 4.9 7.3#

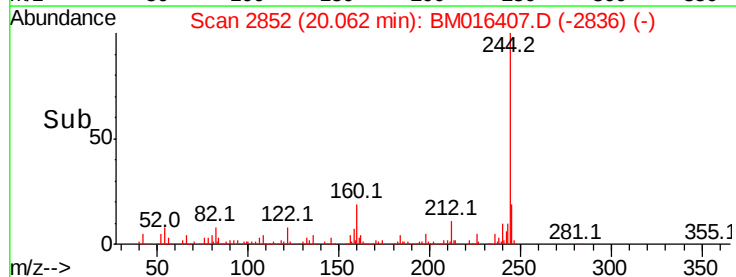
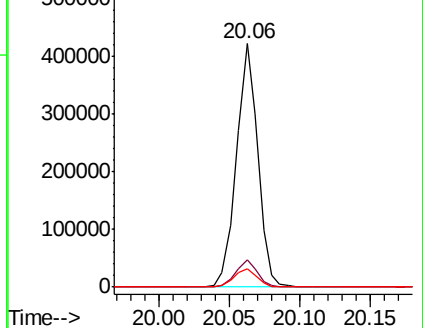
122 7.6 6.2 9.4

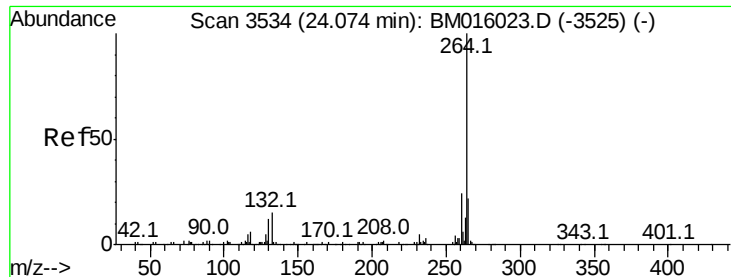


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

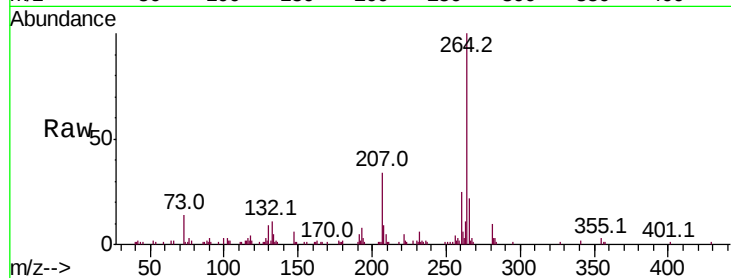




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BM016407.D
 Acq: 16 Aug 2018 08:37

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.5	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

