

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016537.D
 Acq On : 23 Aug 2018 02:23
 Operator : SJ/JU
 Sample : J4525-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-U-S

Quant Time: Aug 23 04:20:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	101139	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	331496	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	256863	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	859306	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1175512	20.00	ng	0.00
86) Perylene-d12	23.83	264	1403137	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	177384	34.37	ng	0.00
7) Phenol-d6	7.19	99	127842	18.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	774980	106.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	723761	100.80	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2837867	106.20	ng	0.00
78) Terphenyl-d14	19.99	244	6729924	121.18	ng	0.00

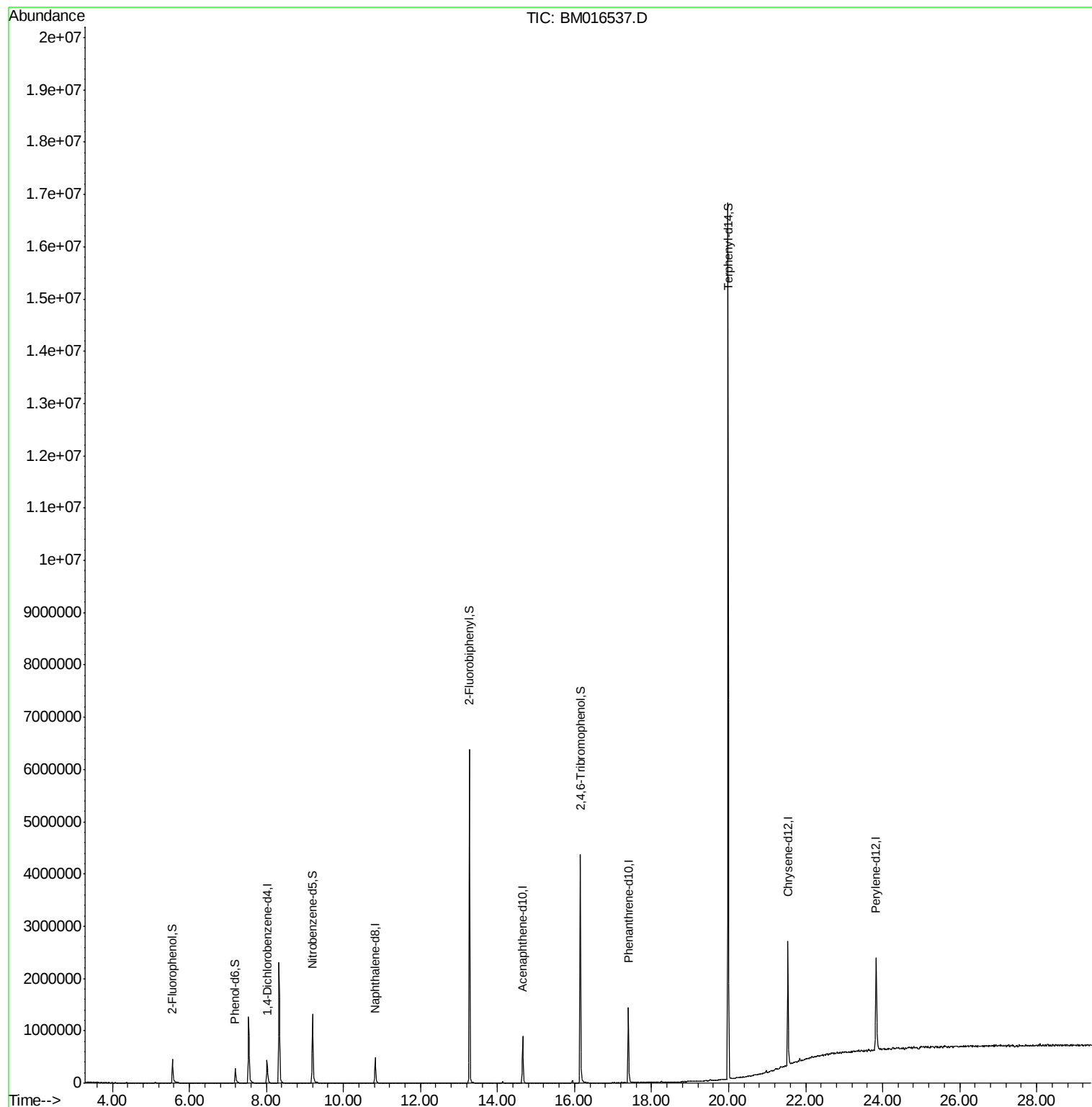
Target Compounds Qvalue

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

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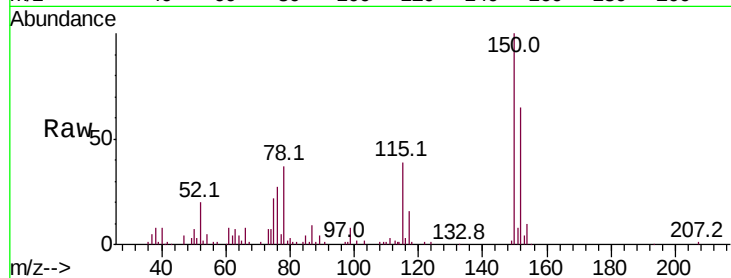


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	60.5	43.0	64.4

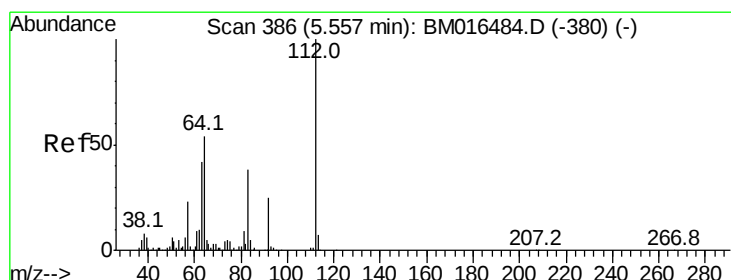
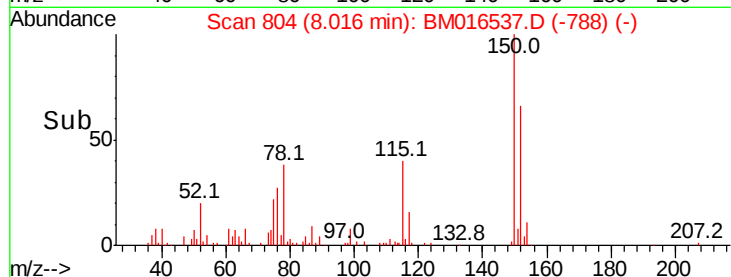
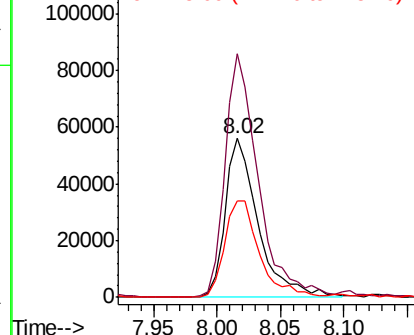


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

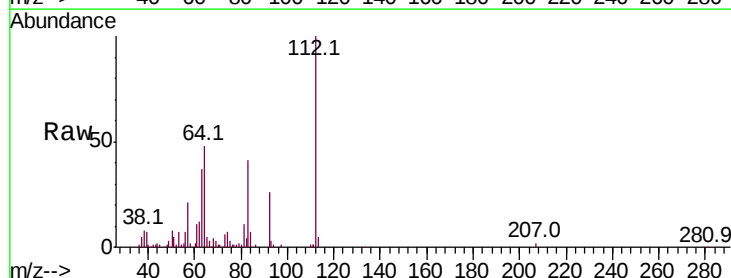
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.368 ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	38.6	57.8
63	36.6	19.3	28.9

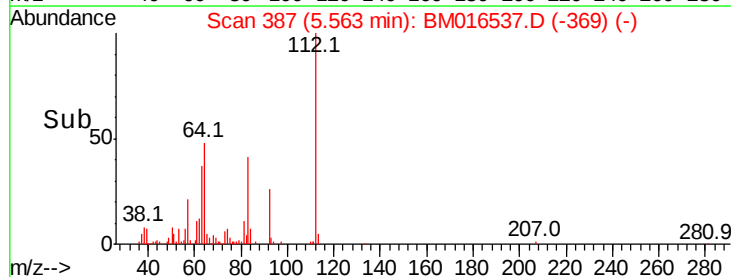
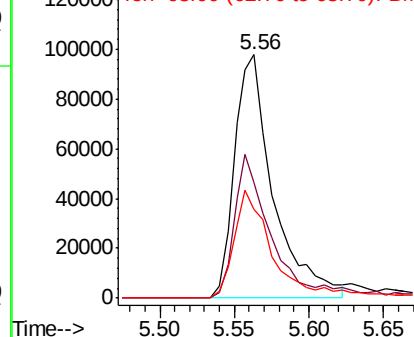


Abundance

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: 18.718 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016537.D

Acq: 23 Aug 2018 02:23

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-U-S

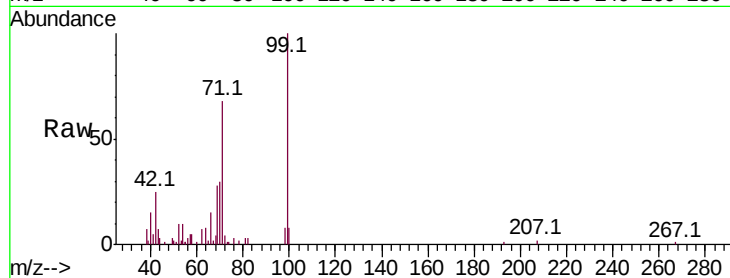
Tot Ion: 99 Resp: 127842

Ion Ratio Lower Upper

99 100

42 25.0 11.0 16.4#

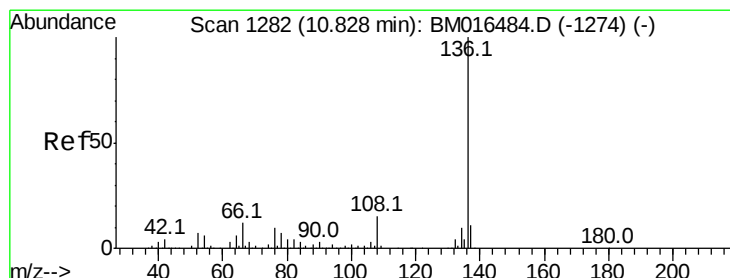
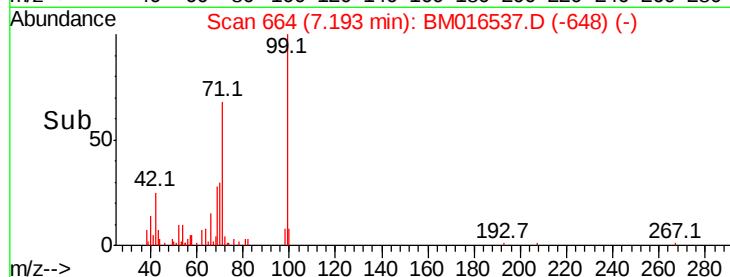
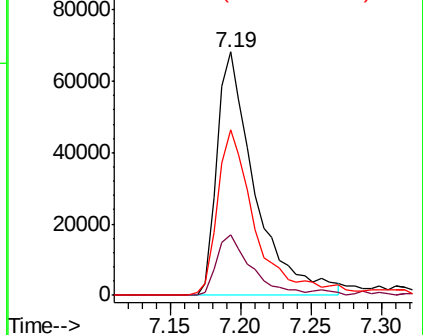
71 68.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016537.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016537.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016537.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016537.D

Acq: 23 Aug 2018 02:23

Tgt Ion: 136 Resp: 331496

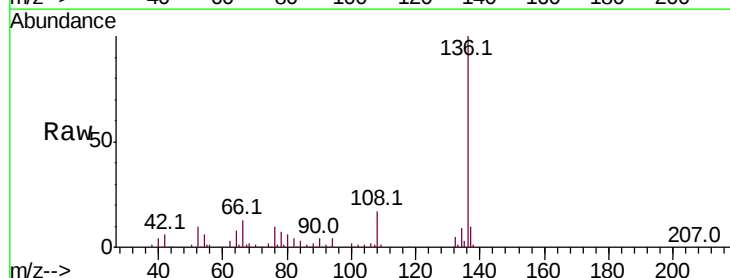
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 6.3 4.6 6.8

68 1.8 3.7 5.5#

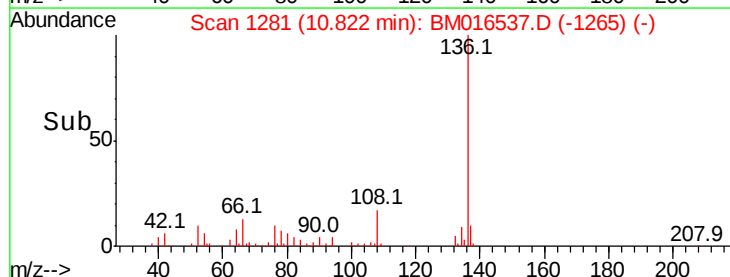
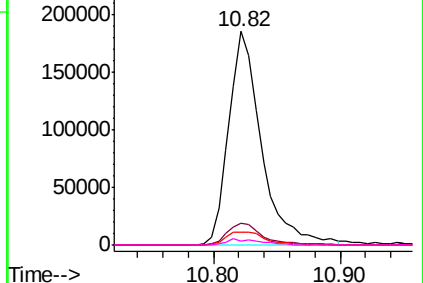


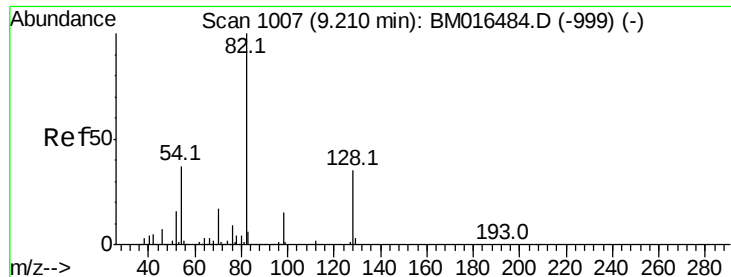
Abundance Ion 136.00 (135.70 to 136.70): BM016537.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016537.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016537.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016537.D (-1265) (-)

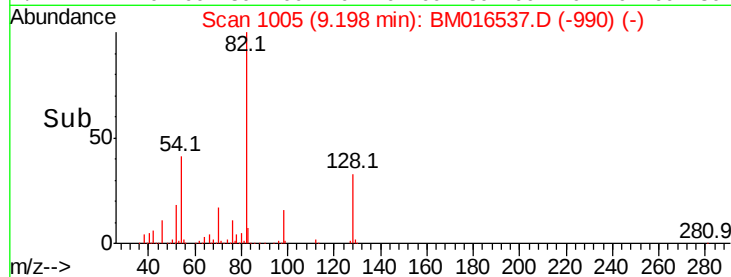
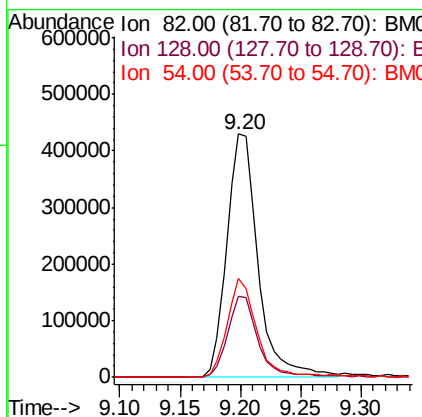
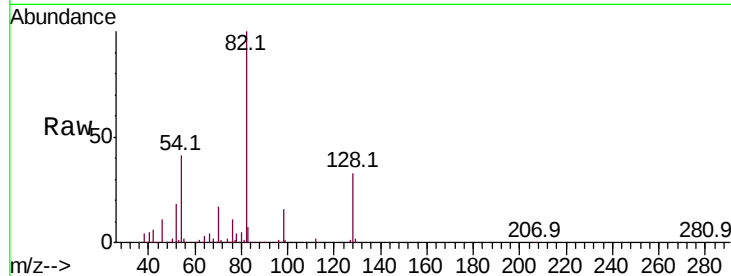




#23
Nitrobenzene-d5
Concen: 106.743 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

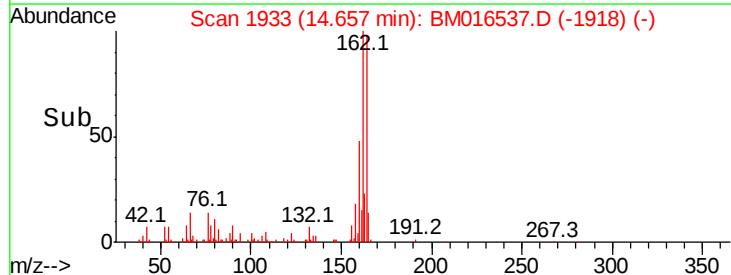
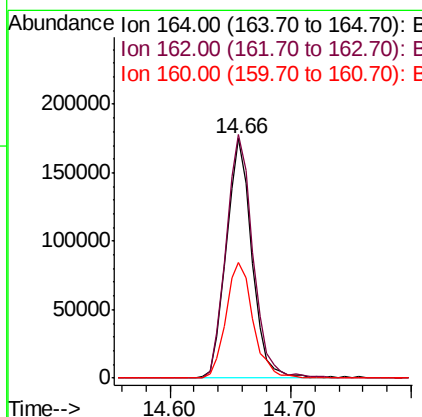
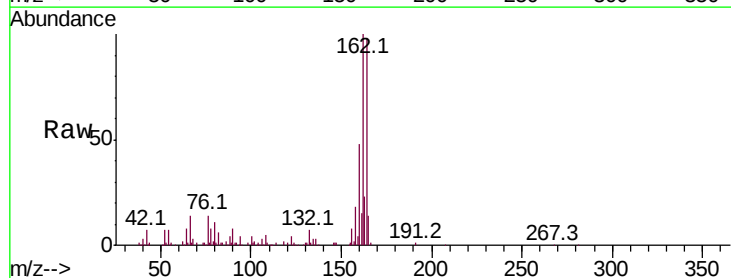
Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-S

Tot Ion	82	Resp	774980
Ion Ratio	100	Lower	Upper
128	33.3	32.8	49.2
54	40.7	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Tgt Ion	164	Resp	256863
Ion Ratio	100	Lower	Upper
162	101.6	82.4	123.6
160	48.5	35.8	53.6

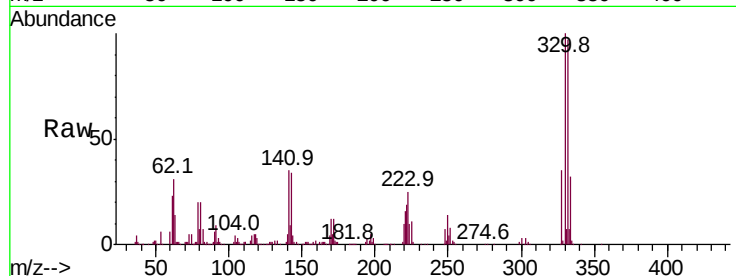




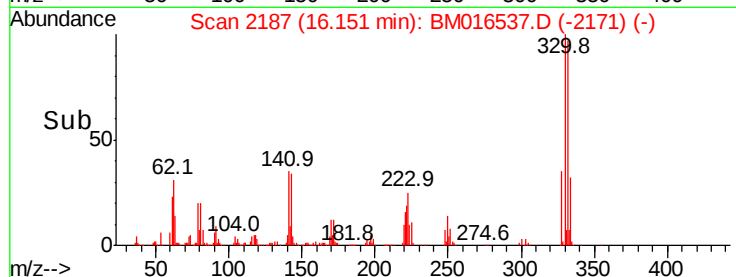
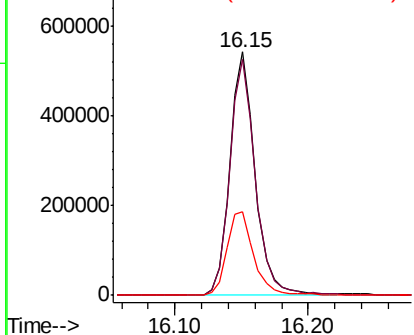
#41
2,4,6-Tribromophenol
Concen: 100.797 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.4	0.0	0.0#

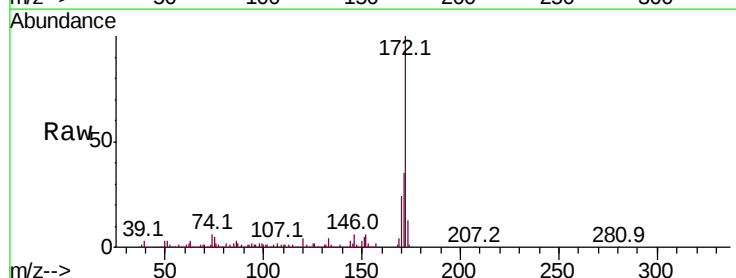


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

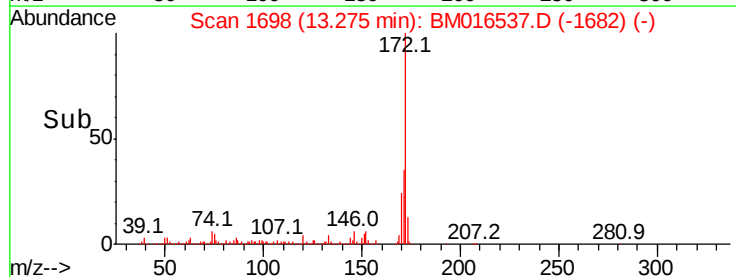
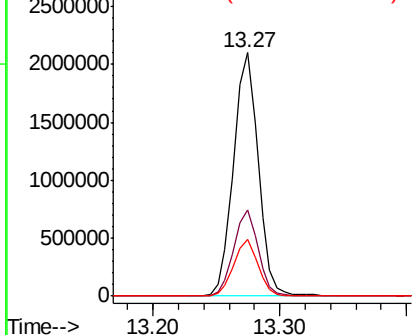


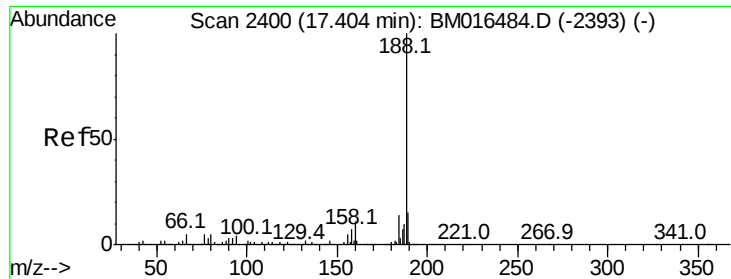
#44
2-Fluorobiphenyl
Concen: 106.198 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	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

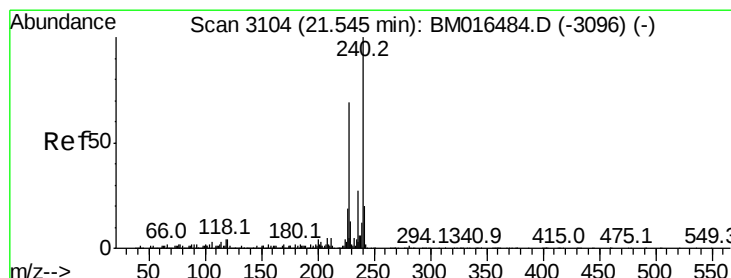
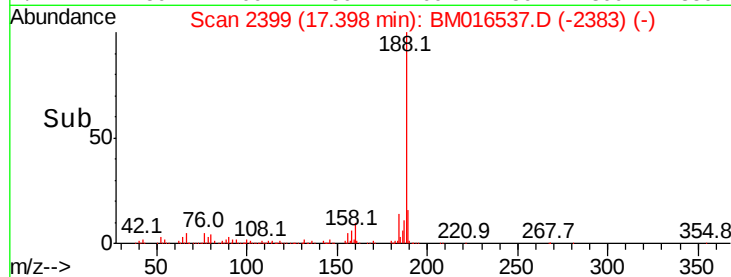
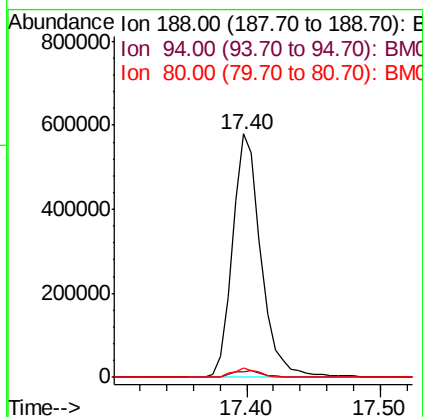
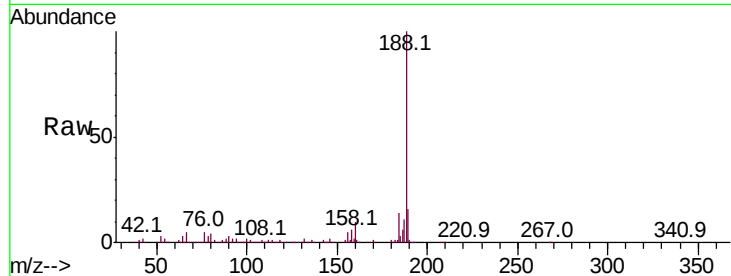




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

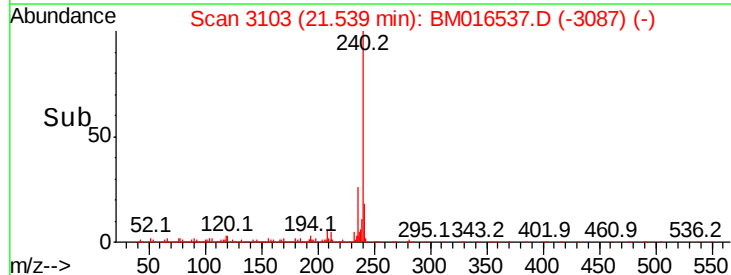
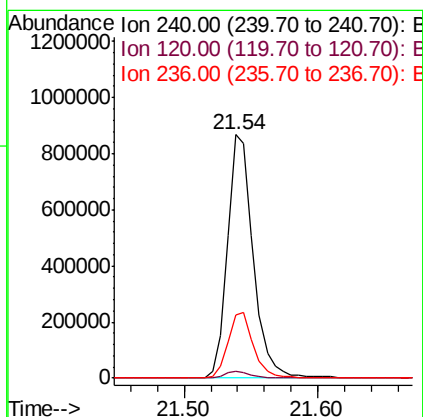
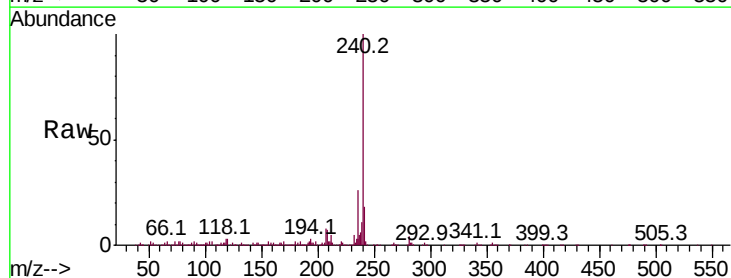
Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-S

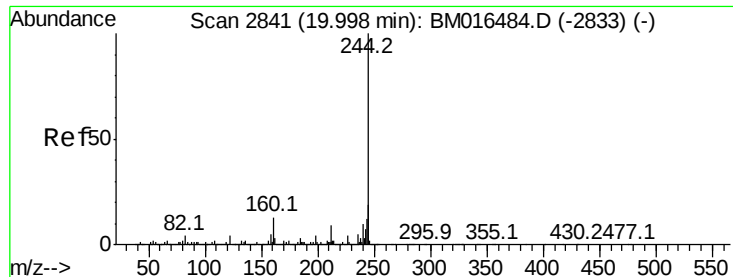
Tot Ion:188 Resp: 859306
Ion Ratio Lower Upper
188 100
94 2.3 8.7 13.1#
80 3.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016537.D
Acq: 23 Aug 2018 02:23

Tgt Ion:240 Resp: 1175512
Ion Ratio Lower Upper
240 100
120 2.6 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 121.176 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016537.D

Acq: 23 Aug 2018 02:23

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-U-S

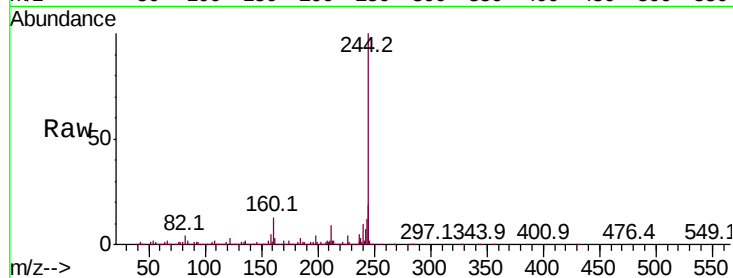
Tot Ion:244 Resp: 6729924

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

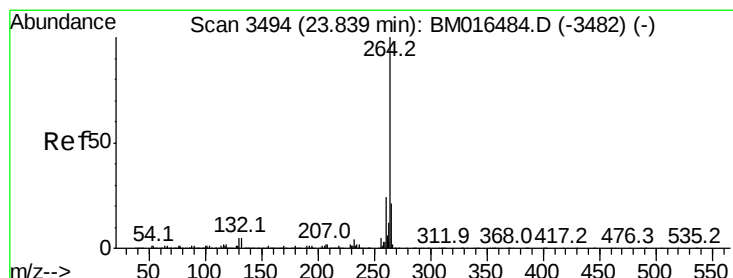
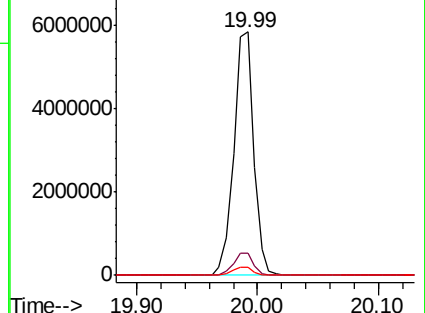
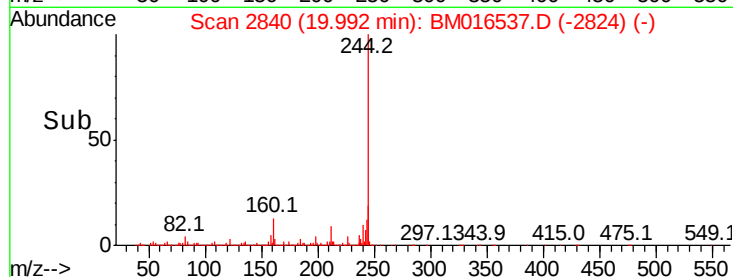
122 3.1 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016537.D

Acq: 23 Aug 2018 02:23

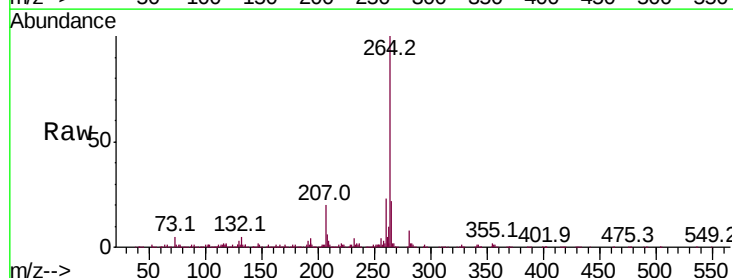
Tgt Ion:264 Resp: 1403137

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.4 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

