

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016405.D
 Acq On : 16 Aug 2018 07:25
 Operator : SJ/JU
 Sample : J4462-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Aug 16 08:42:31 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	8.10	152	19828	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	67165	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	36507	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	84562	20.00	ng	-0.01
75) Chrysene-d12	21.61	240	106949	20.00	ng	0.00
86) Perylene-d12	23.94	264	113150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	43969	36.84	ng	0.00
7) Phenol-d6	7.29	99	29141	18.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	152464	105.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	39802	85.96	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	301396	100.45	ng	-0.01
78) Terphenyl-d14	20.06	244	475983	93.16	ng	0.00

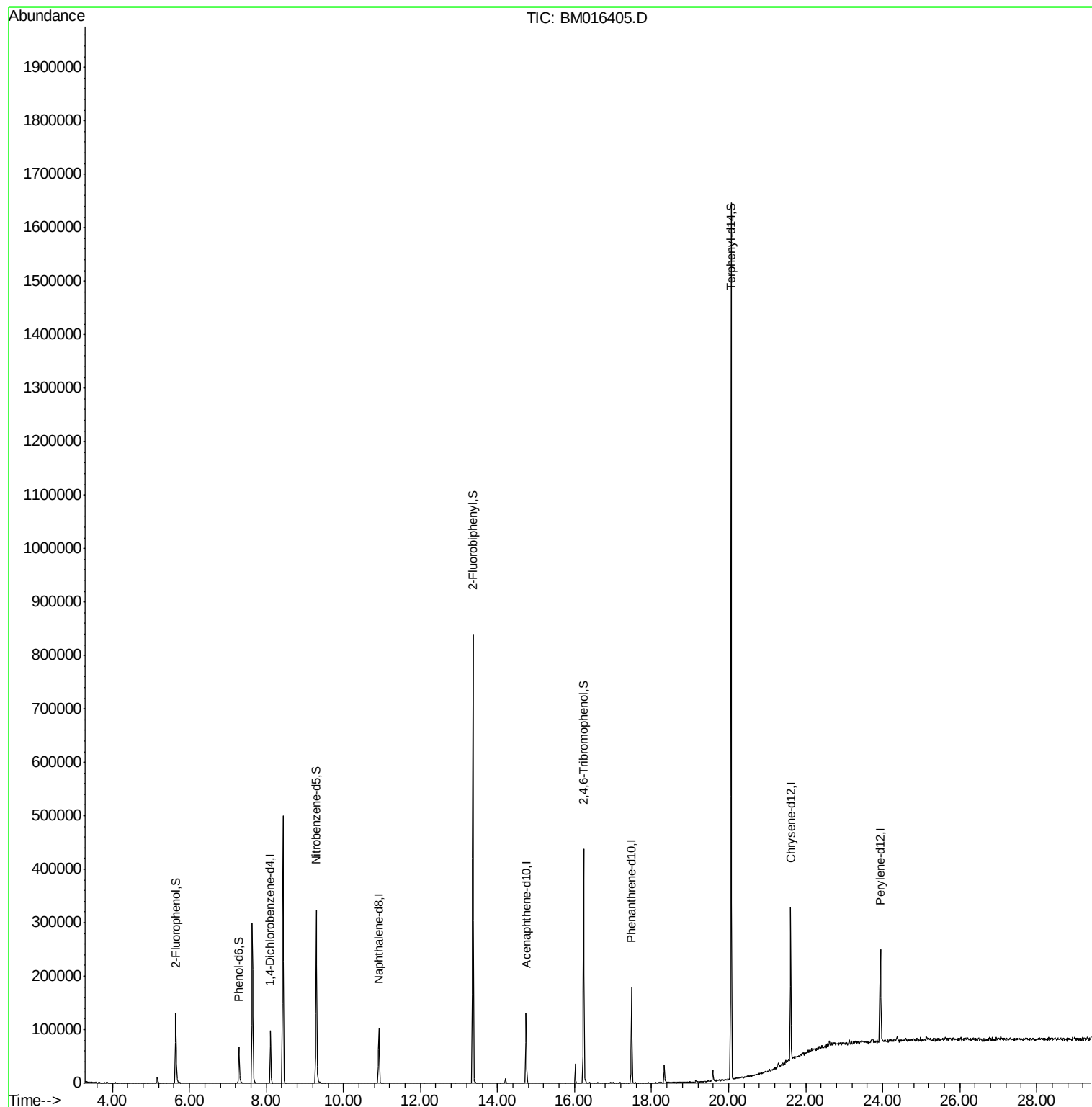
Target Compounds Qvalue

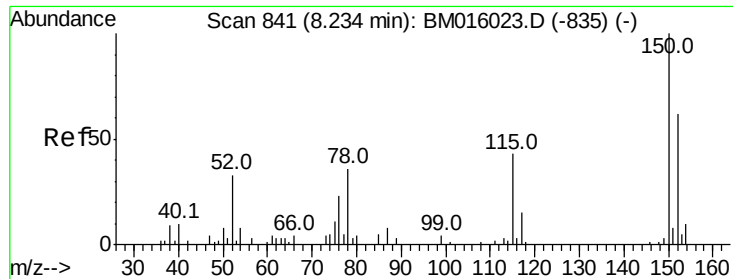
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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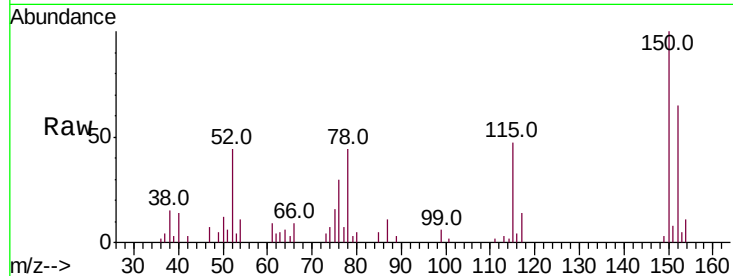


#1

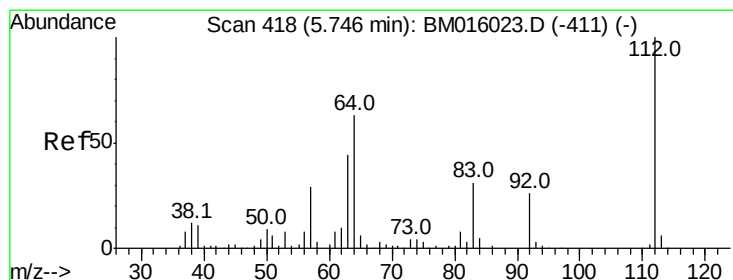
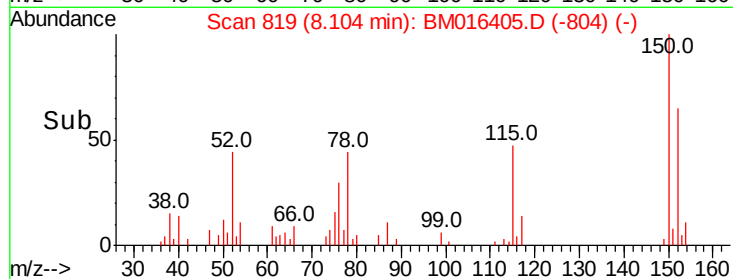
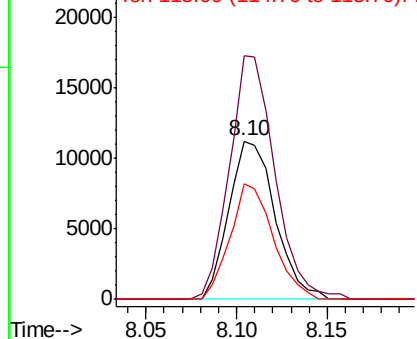
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BM016405.D
Acq: 16 Aug 2018 07:25

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

Tot Ion:152 Resp: 19828
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 72.9 43.0 64.4#



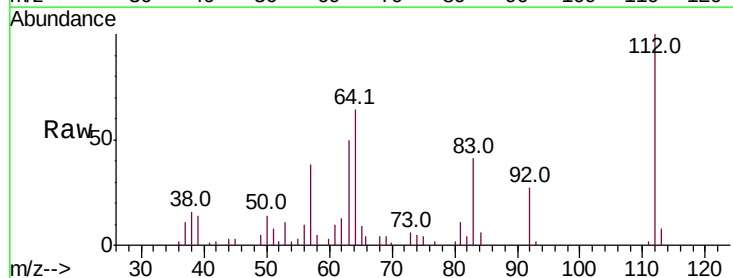
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



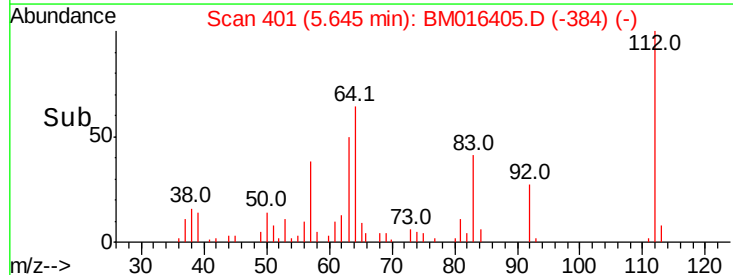
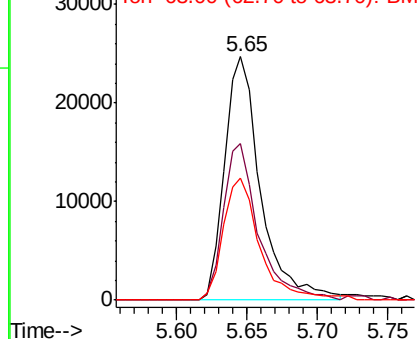
#5

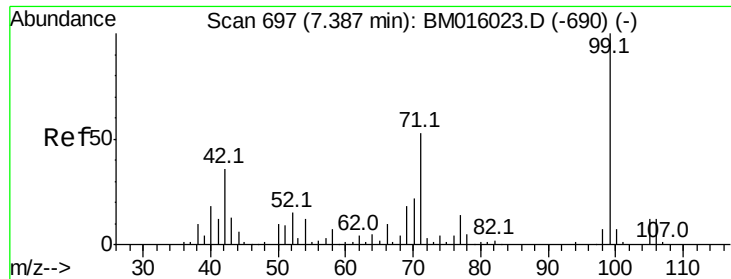
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016405.D
Acq: 16 Aug 2018 07:25

Tgt Ion:112 Resp: 43969
Ion Ratio Lower Upper
112 100
64 64.1 38.6 57.8#
63 50.2 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: BM016405.D

Acq: 16 Aug 2018 07:25

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-D-S

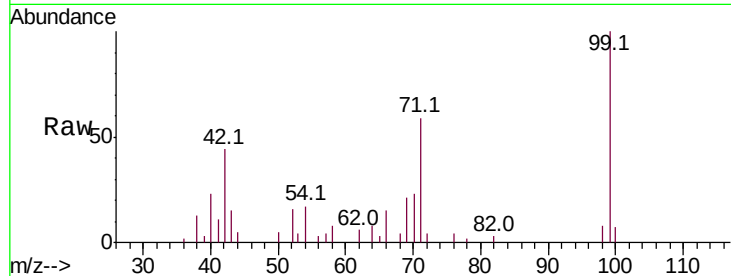
Tot Ion: 99 Resp: 29141

Ion Ratio Lower Upper

99 100

42 44.2 11.0 16.4#

71 59.2 23.4 35.2#

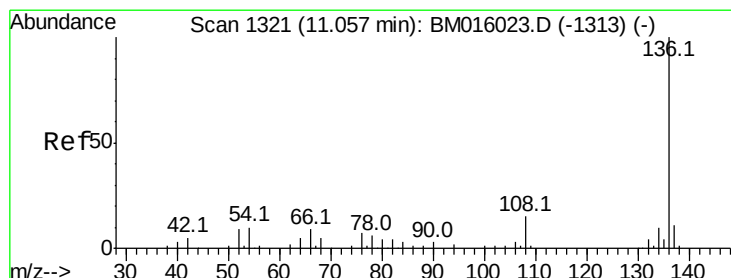
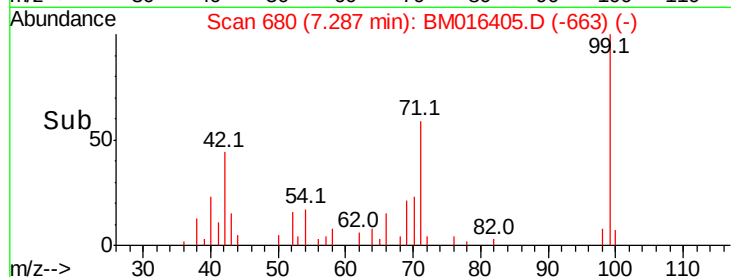
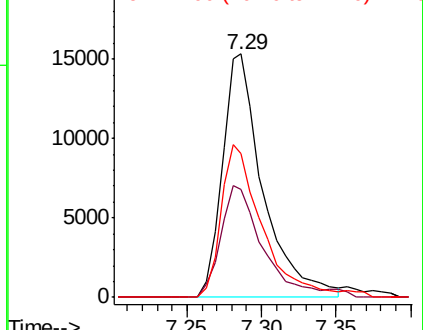


Abundance

Ion 99.00 (98.70 to 99.70): BM016405.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016405.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016405.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016405.D

Acq: 16 Aug 2018 07:25

Tgt Ion:136 Resp: 67165

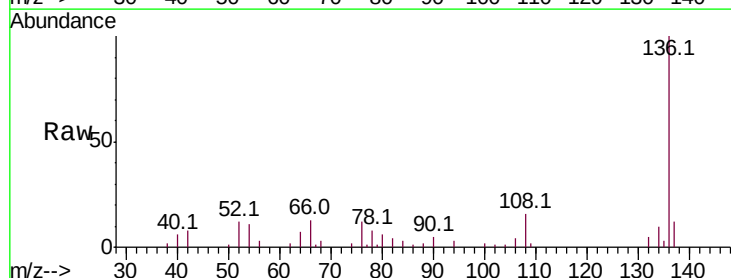
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 10.7 4.6 6.8#

68 2.9 3.7 5.5#



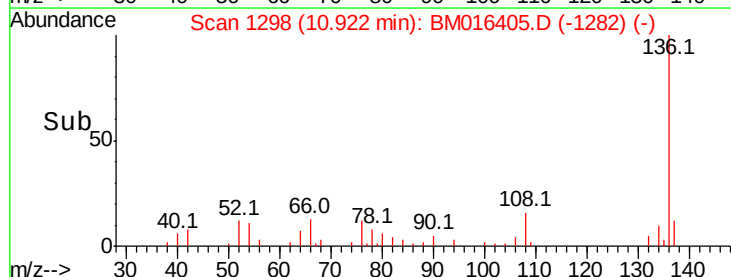
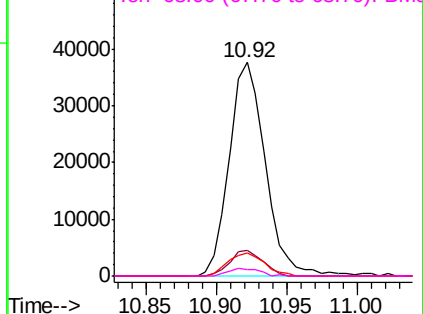
Abundance

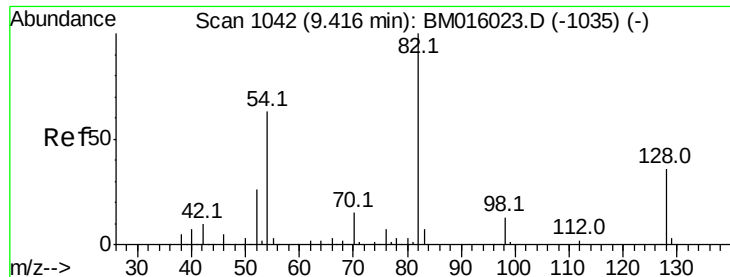
Ion 136.00 (135.70 to 136.70): BM016405.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016405.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016405.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016405.D (-1282) (-)

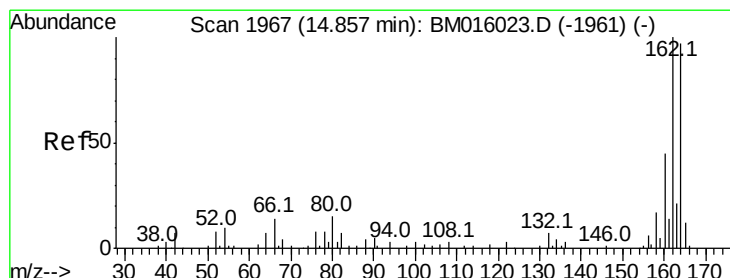
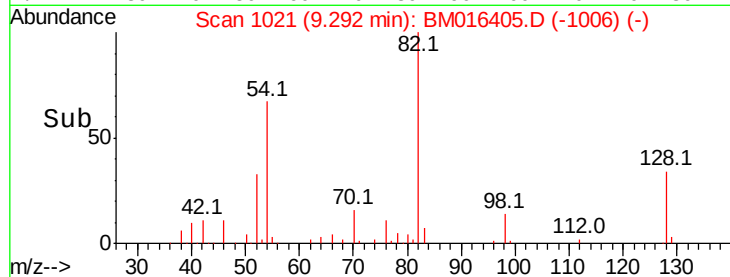
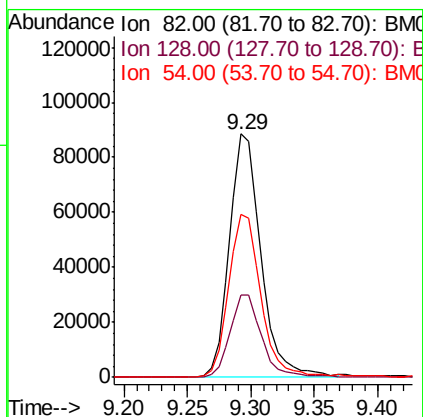
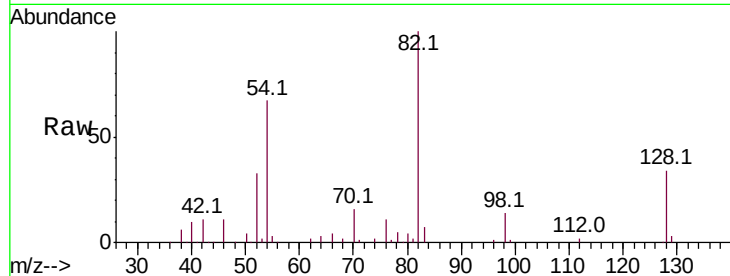




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM016405.D
 Acq: 16 Aug 2018 07:25

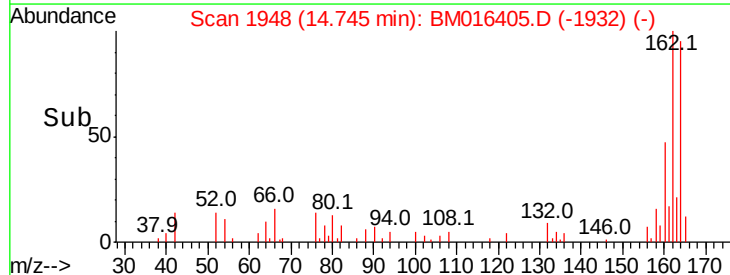
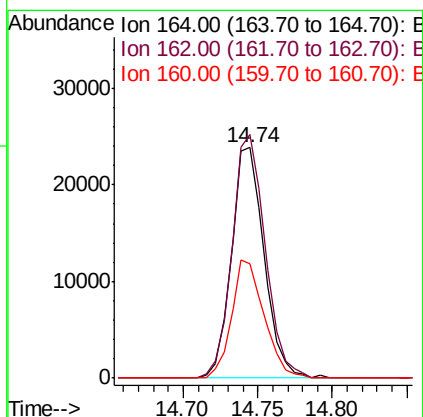
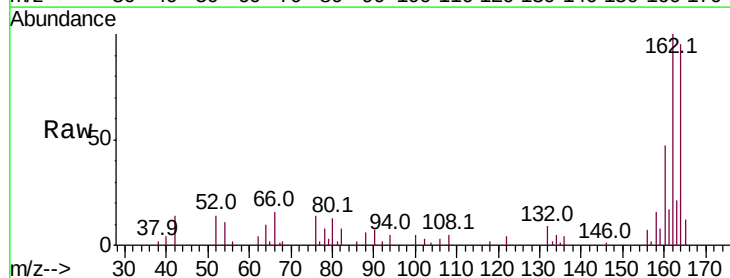
Instrument :
 BNA_M
 ClientSampleId :
 081318-TIPC-F-D-S

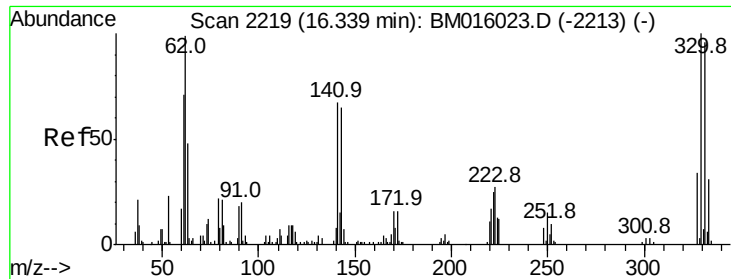
Tot Ion	82	Resp	152464
Ion Ratio	Lower	Upper	
82	100		
128	33.8	32.8	49.2
54	67.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016405.D
 Acq: 16 Aug 2018 07:25

Tgt Ion	164	Resp	36507
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.4	123.6
160	49.4	35.8	53.6

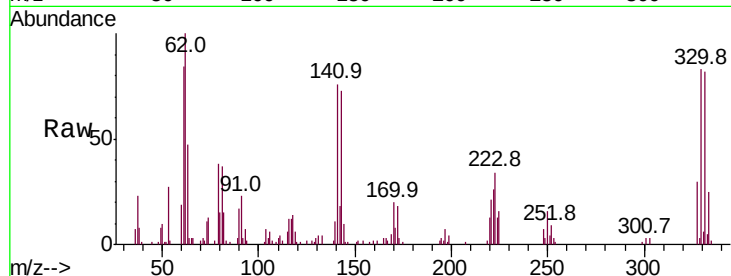




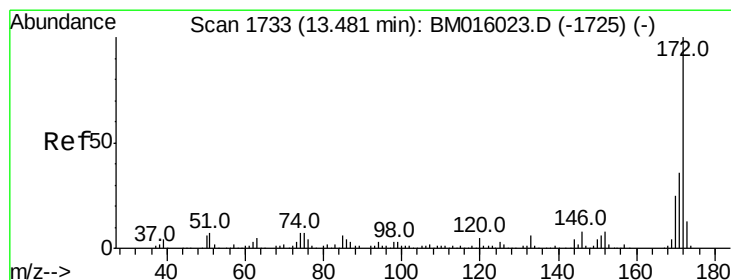
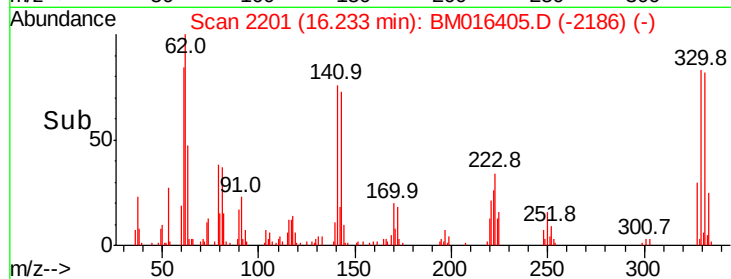
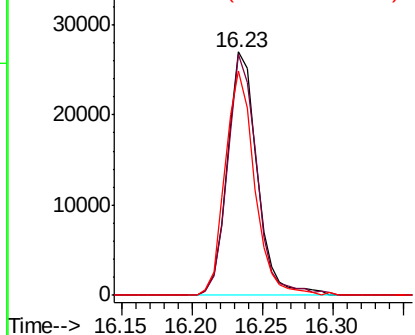
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016405.D
 Acq: 16 Aug 2018 07:25

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	91.2	0.0	0.0#

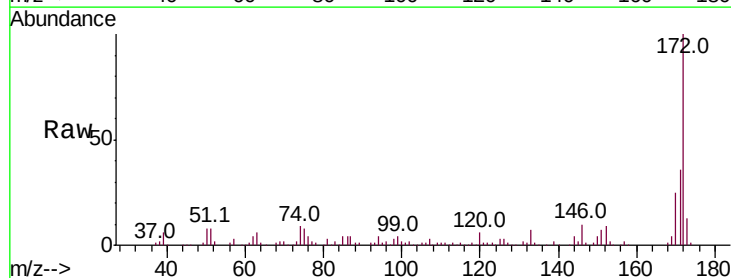


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

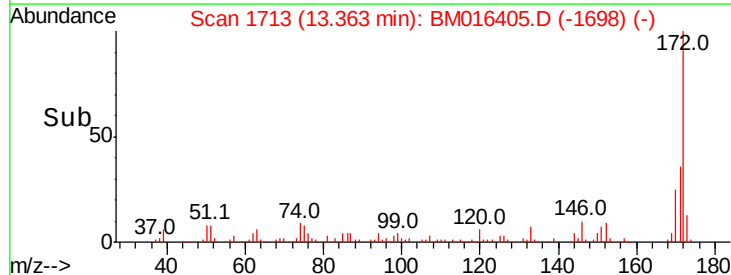
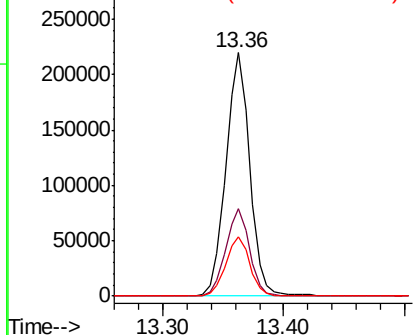


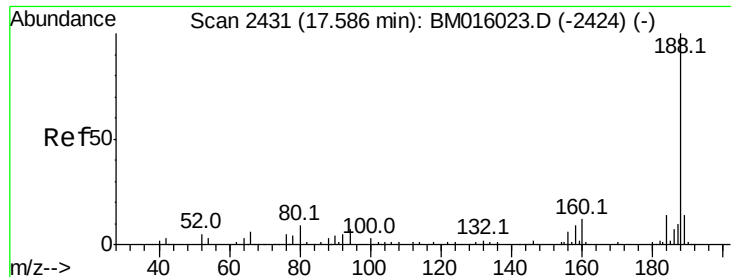
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016405.D
 Acq: 16 Aug 2018 07:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.5	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

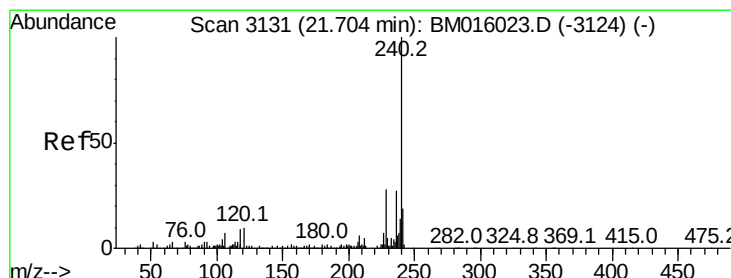
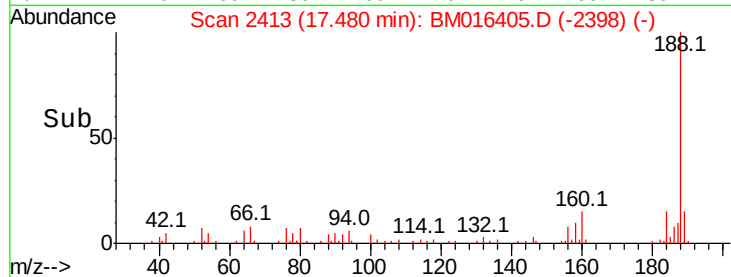
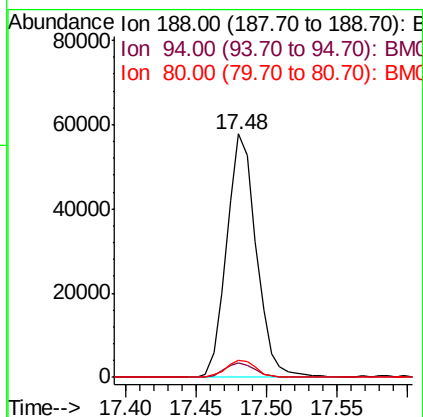
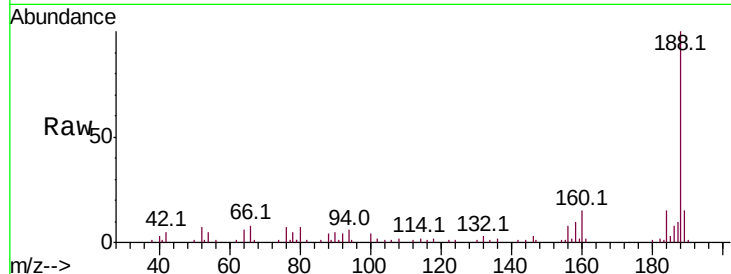




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016405.D
Acq: 16 Aug 2018 07:25

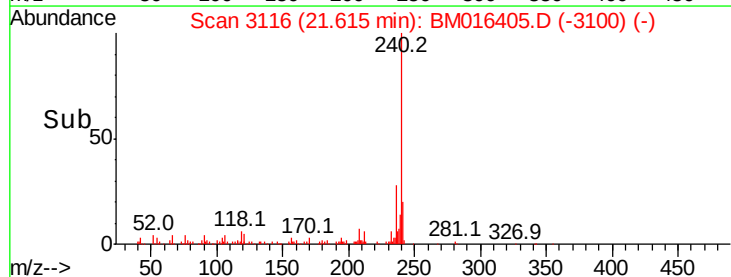
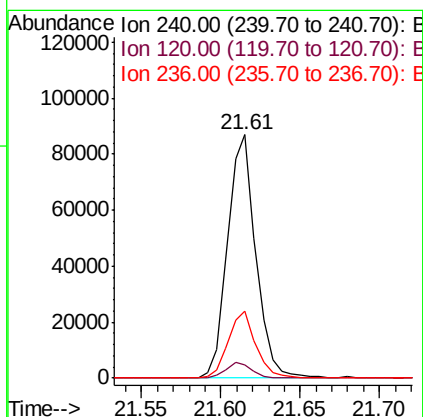
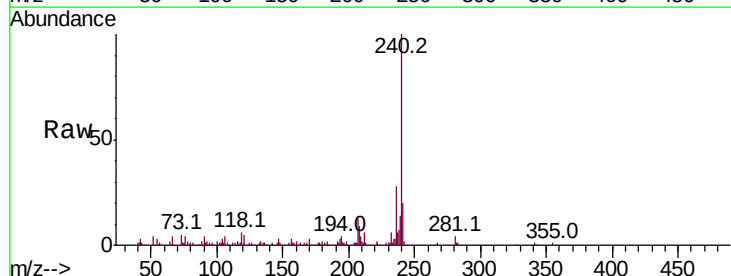
Instrument :
BNA_M
ClientSampleId :
081318-TIPC-F-D-S

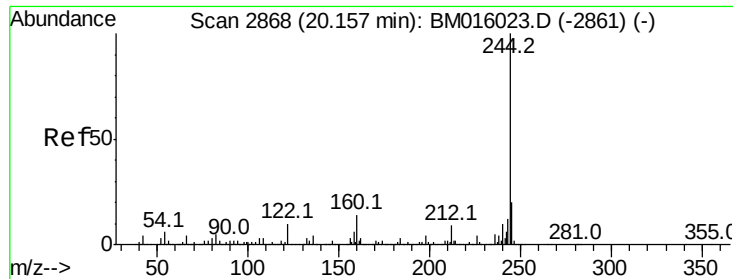
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	7.1	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016405.D
Acq: 16 Aug 2018 07:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	27.7	20.0	30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016405.D

Acq: 16 Aug 2018 07:25

Instrument :

BNA_M

ClientSampleId :

081318-TIPC-F-D-S

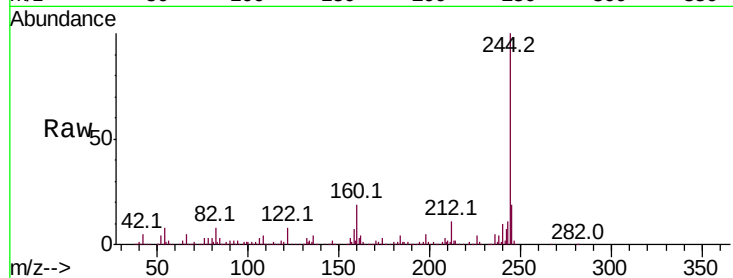
Tot Ion:244 Resp: 475983

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

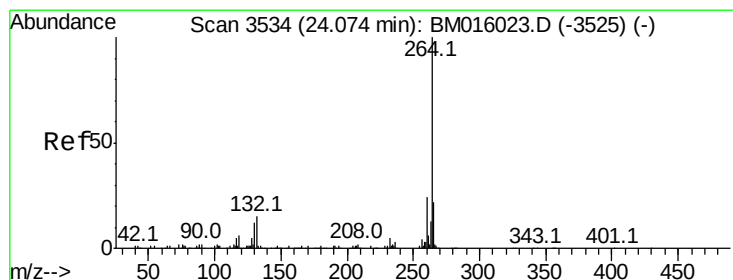
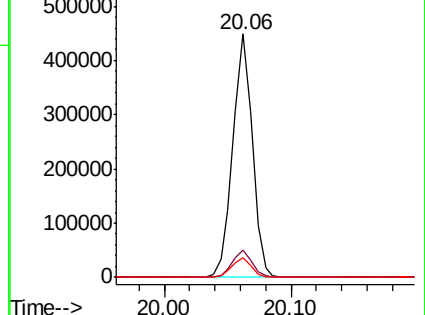
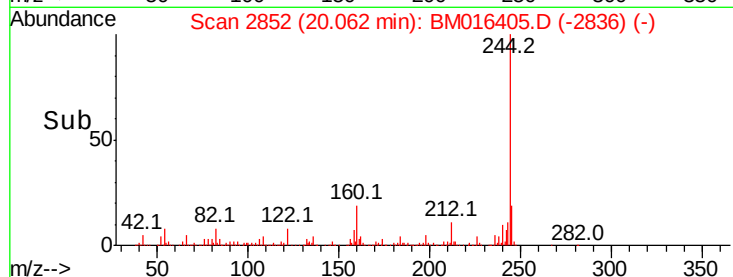
122 8.0 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BM016405.D

Acq: 16 Aug 2018 07:25

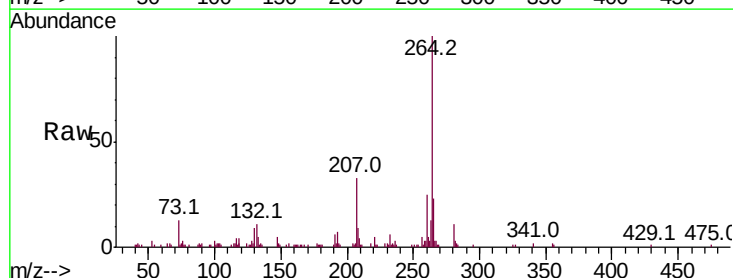
Tgt Ion:264 Resp: 113150

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 23.0 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

