

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016466.D
 Acq On : 18 Aug 2018 10:26
 Operator : SJ/JU
 Sample : J4521-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:16:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

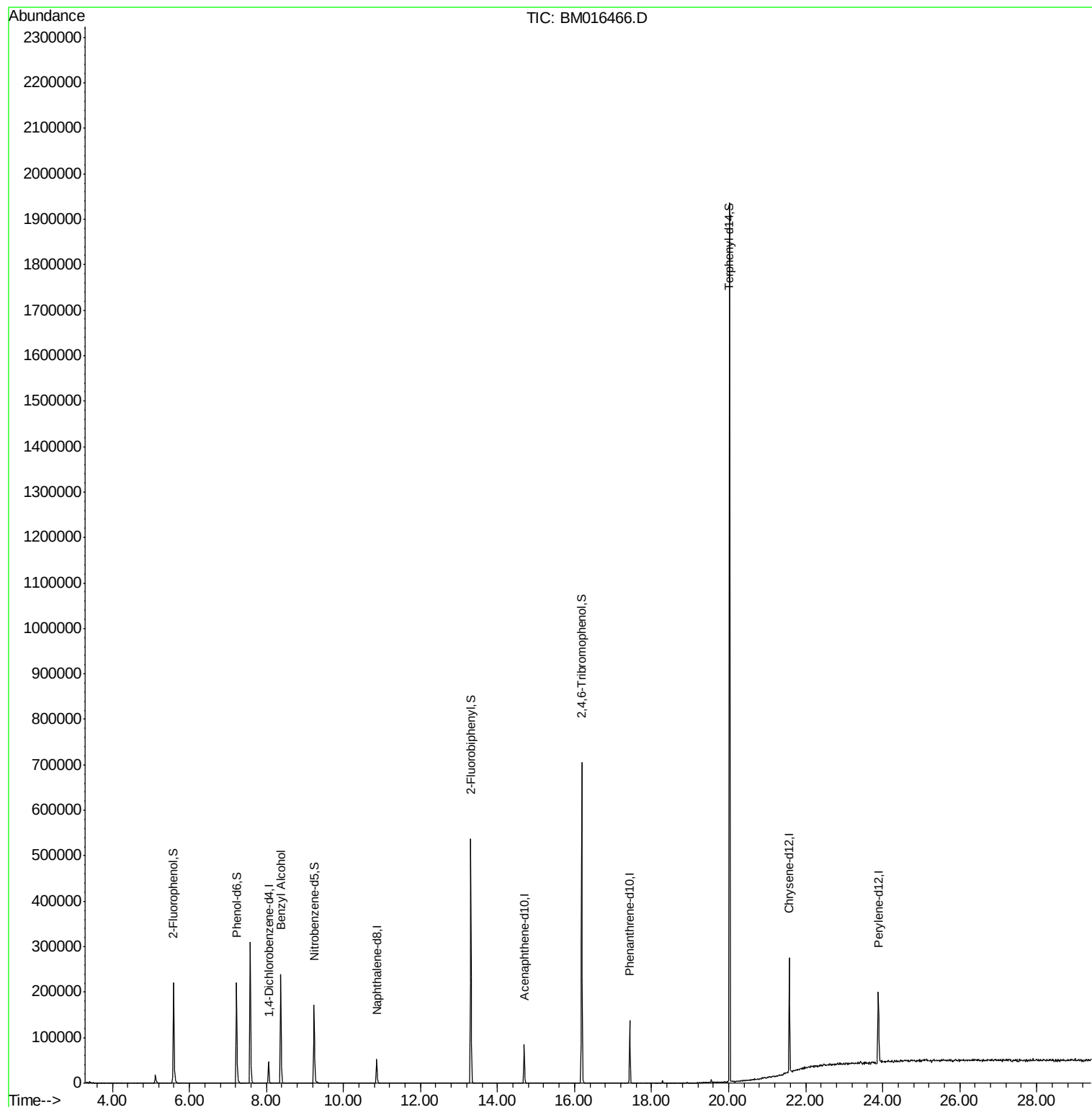
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	9367	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	32613	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	21782	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	60766	20.00	ng	0.00
75) Chrysene-d12	21.57	240	100309	20.00	ng	-0.01
86) Perylene-d12	23.89	264	103192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	64262	115.29	ng	0.00
7) Phenol-d6	7.22	99	72658	96.98	ng	-0.01
23) Nitrobenzene-d5	9.24	82	80907	103.32	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	52595	159.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	173584	82.87	ng	-0.01
78) Terphenyl-d14	20.03	244	564146	85.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	1912	2.812	ng	Qvalue # 1

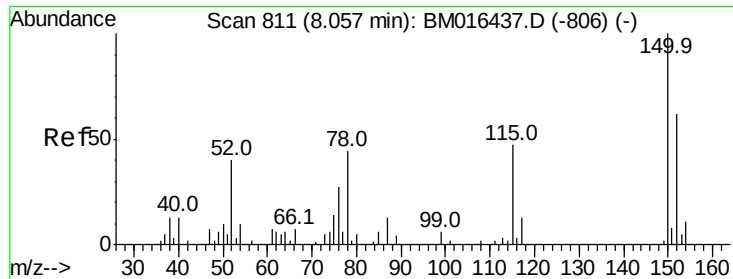
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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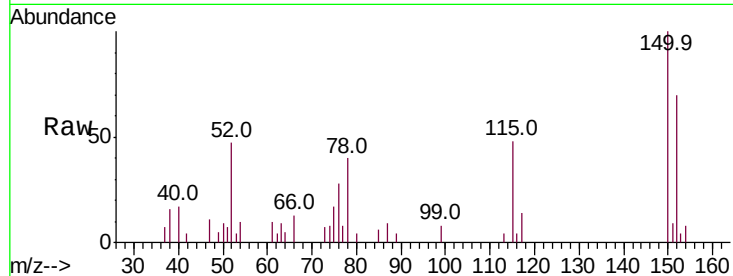


#1

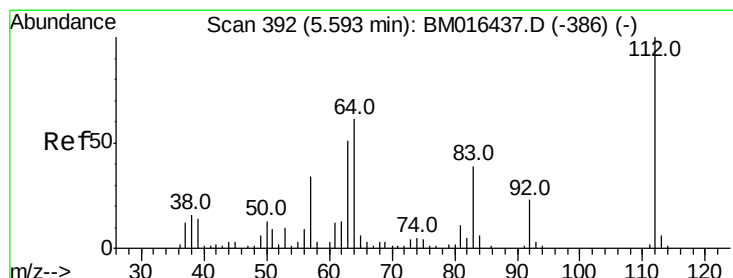
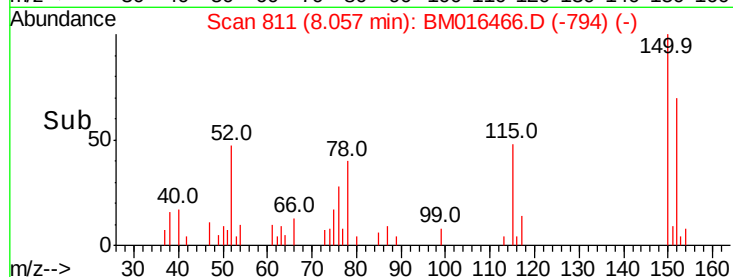
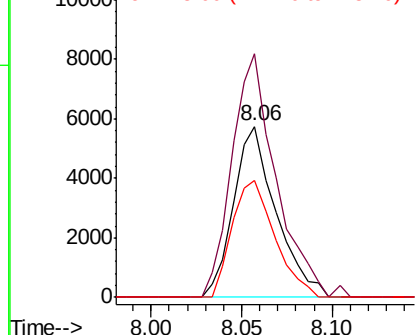
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 9367
Ion Ratio Lower Upper
152 100
150 142.4 119.5 179.3
115 68.1 43.0 64.4#



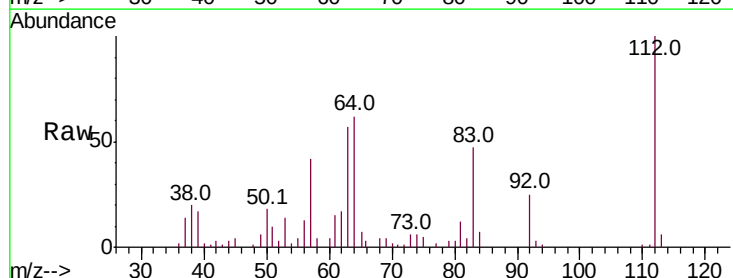
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



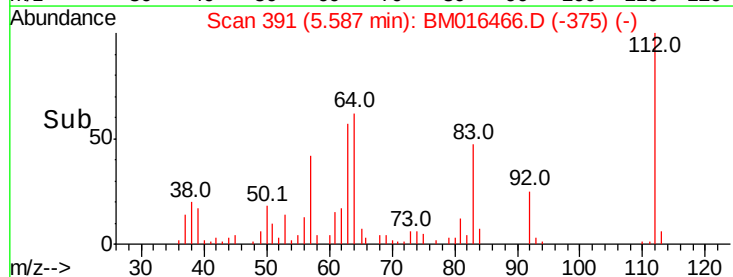
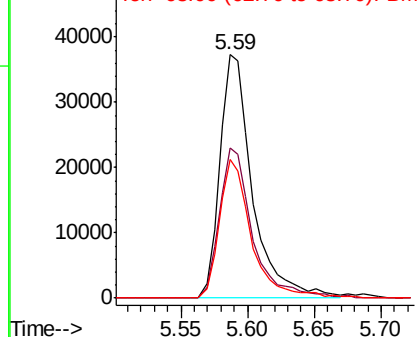
#5

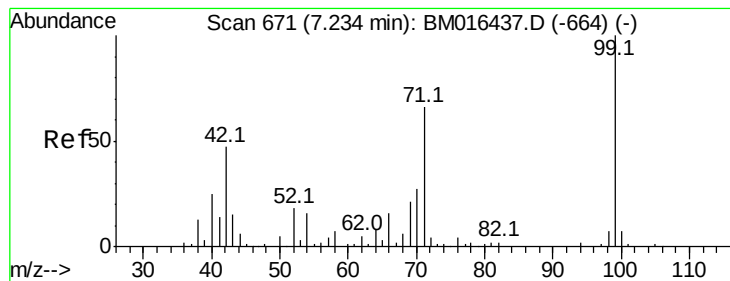
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

Tgt Ion:112 Resp: 64262
Ion Ratio Lower Upper
112 100
64 61.9 38.6 57.8#
63 57.2 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: Below na

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

Instrument :

BNA_M

ClientSampled :

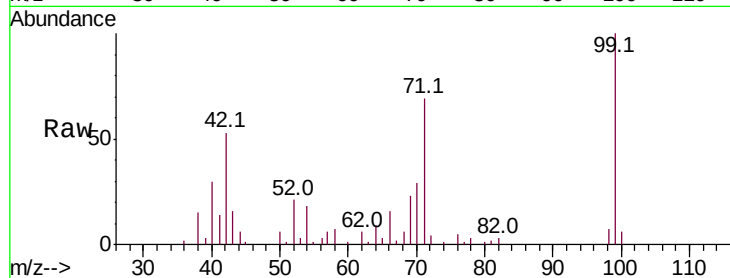
Tot Ion: 99 Resp: 72658

Ion Ratio Lower Upper

99 100

42 53.1 11.0 16.4#

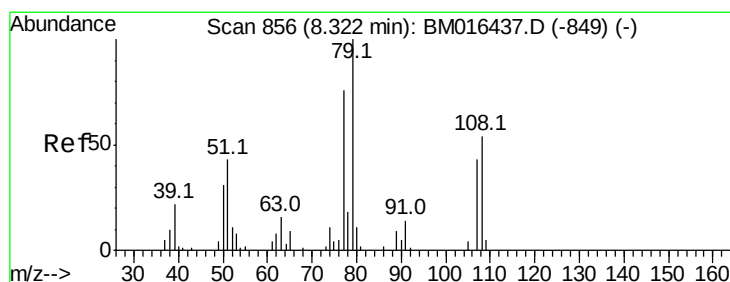
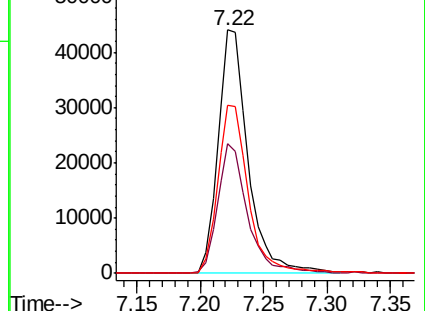
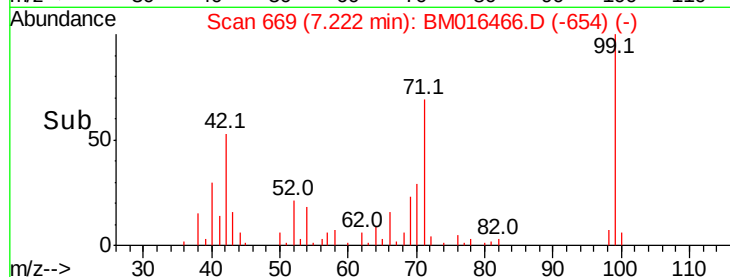
71 69.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#15

Benzyl Alcohol

Concen: 2.812 ng

RT: 8.37 min Scan# 864

Delta R.T. 0.05 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

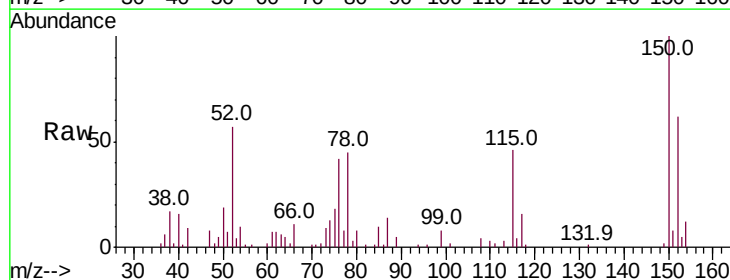
Tgt Ion: 79 Resp: 1912

Ion Ratio Lower Upper

79 100

108 109.8 65.0 97.4#

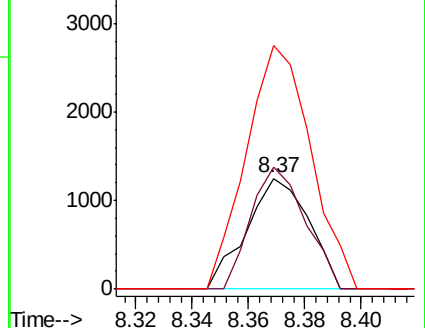
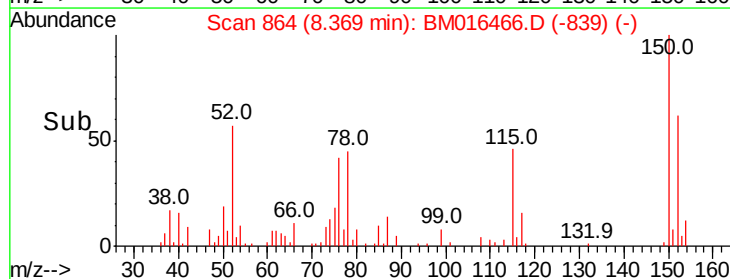
77 219.8 53.0 79.6#

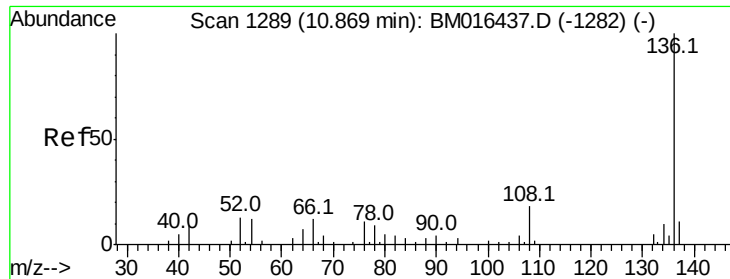


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

Ion 108.00 (107.70 to 108.70): BM016437.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM016437.D (-849) (-)

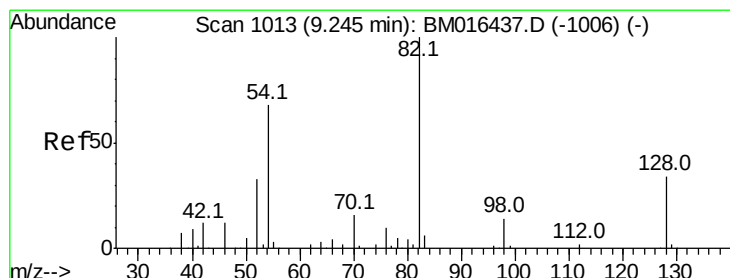
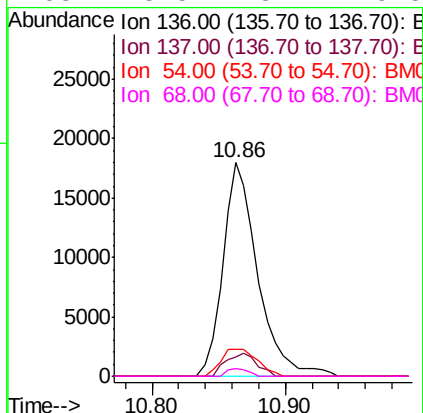
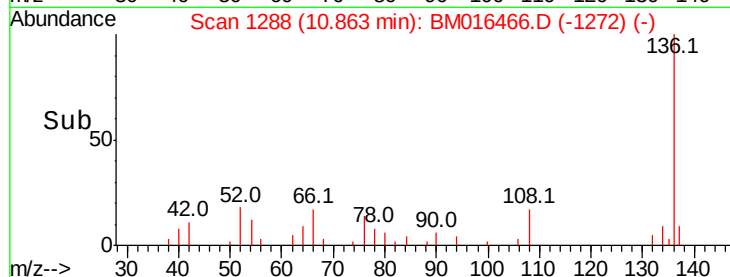
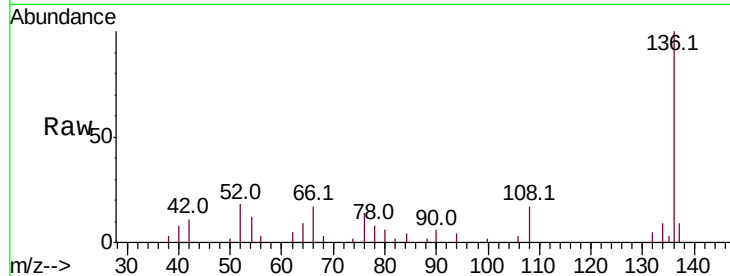




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

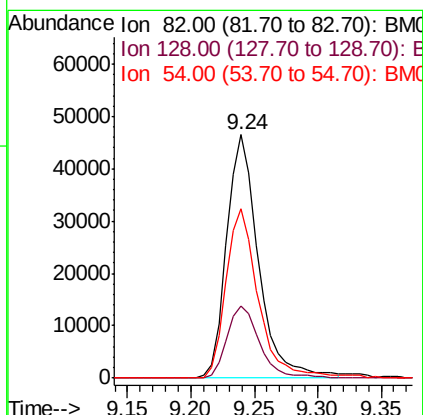
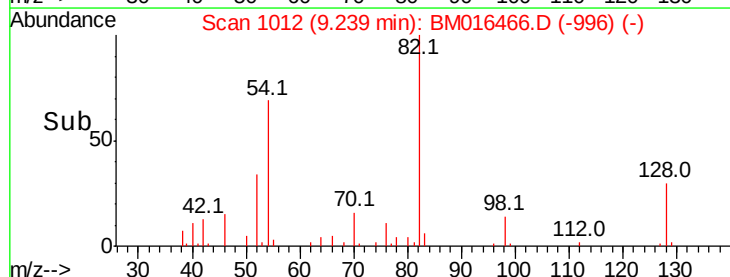
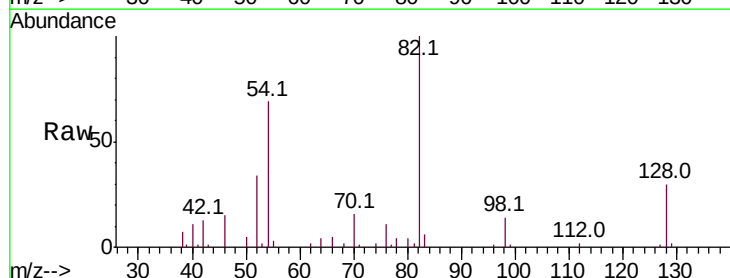
Instrument :
BNA_M
ClientSampleId :

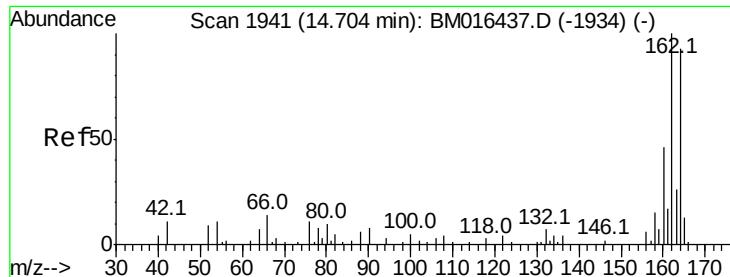
Tot Ion:	136	Resp:	32613
Ion	Ratio	Lower	Upper
136	100		
137	9.0	8.7	13.1
54	12.3	4.6	6.8#
68	3.5	3.7	5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

Tgt Ion:	82	Resp:	80907
Ion	Ratio	Lower	Upper
82	100		
128	29.7	32.8	49.2#
54	69.4	40.6	60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

Instrument :

BNA_M

ClientSampleId :

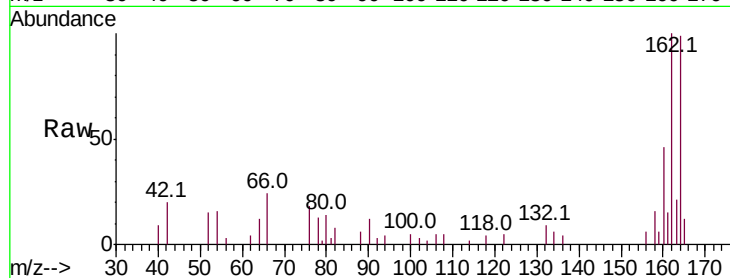
Tot Ion:164 Resp: 21782

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

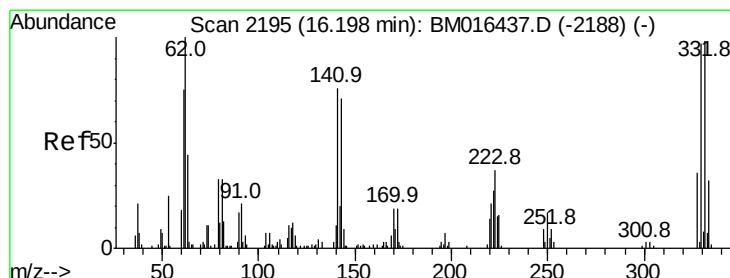
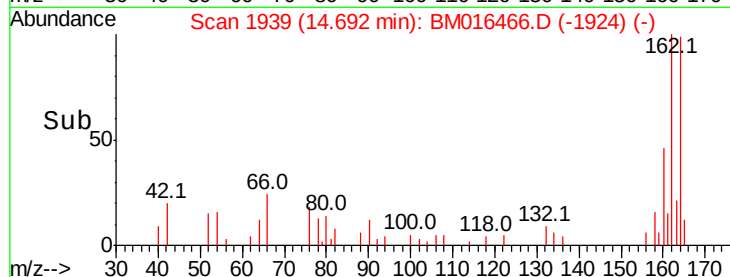
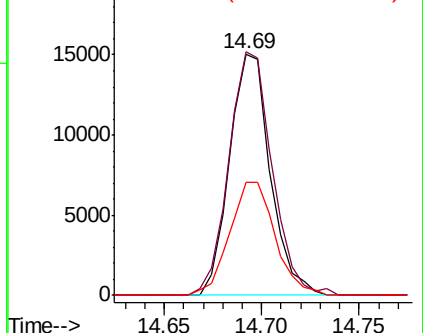
160 46.7 35.8 53.6



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: 16.19 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

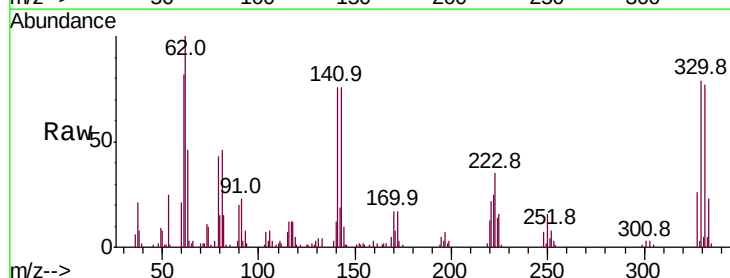
Tgt Ion:330 Resp: 52595

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

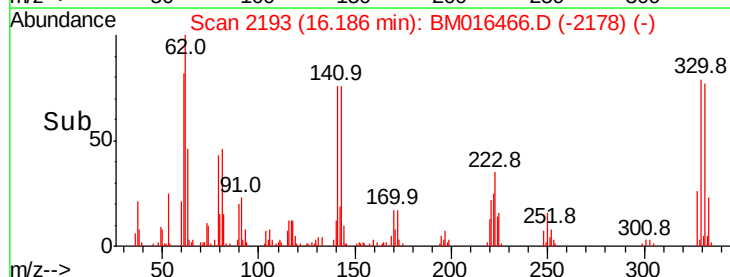
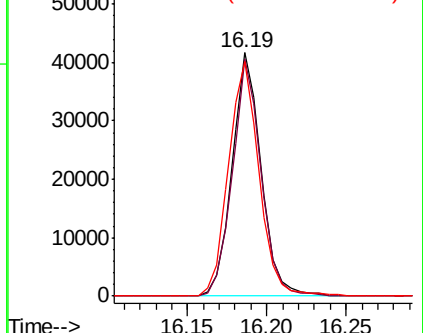
141 102.0 0.0 0.0#

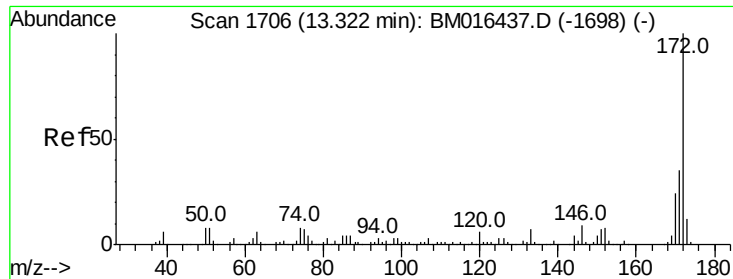


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

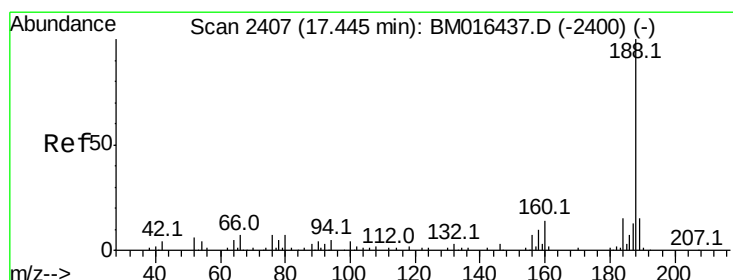
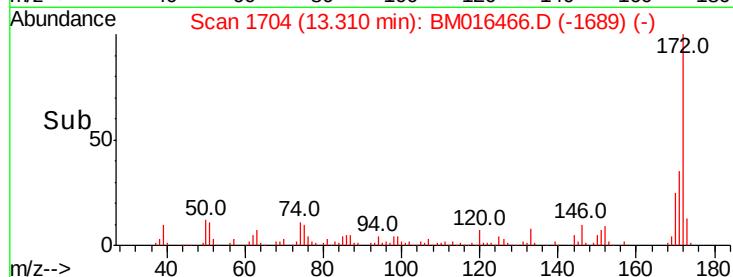
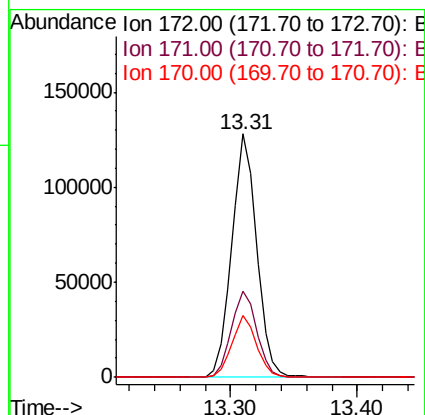
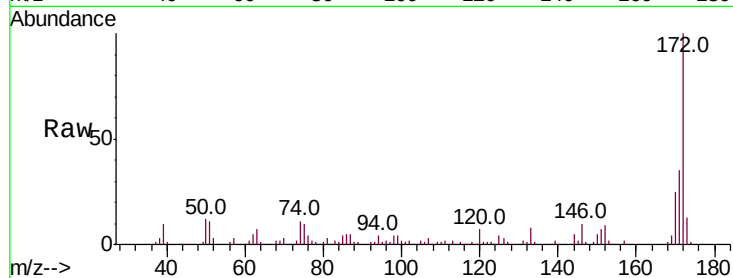




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

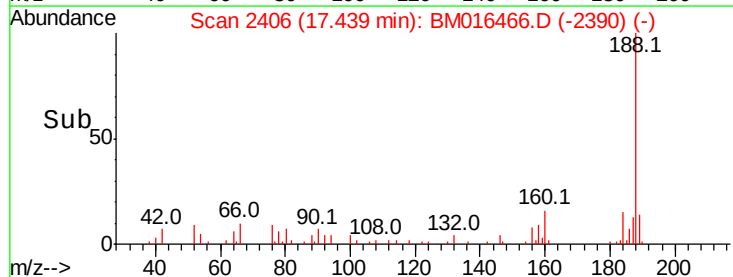
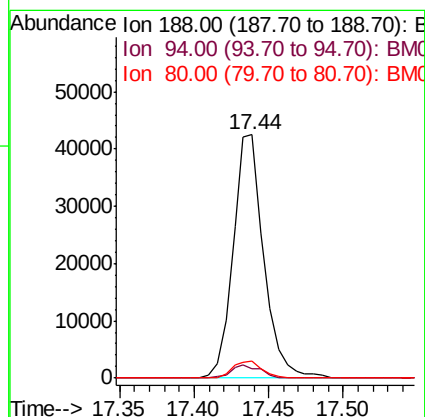
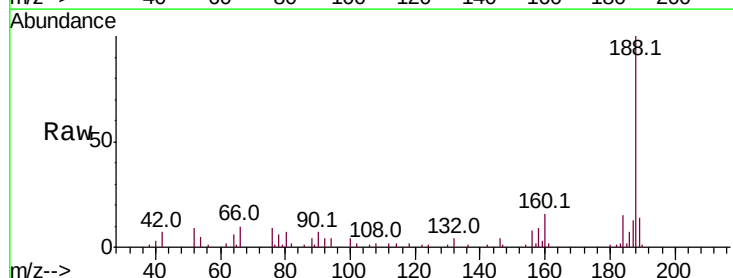
Instrument :
BNA_M
ClientSampleId :

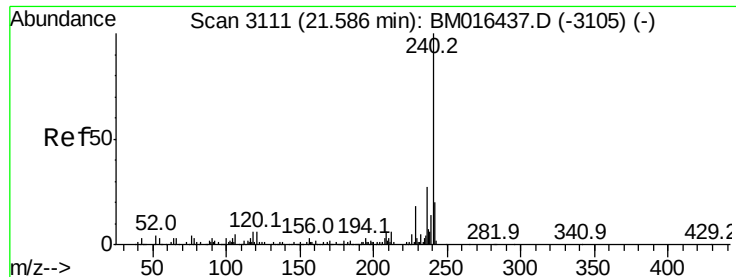
Tot Ion:172 Resp: 173584
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 25.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

Tgt Ion:188 Resp: 60766
Ion Ratio Lower Upper
188 100
94 4.0 8.7 13.1#
80 6.8 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

Instrument :

BNA_M

ClientSampled :

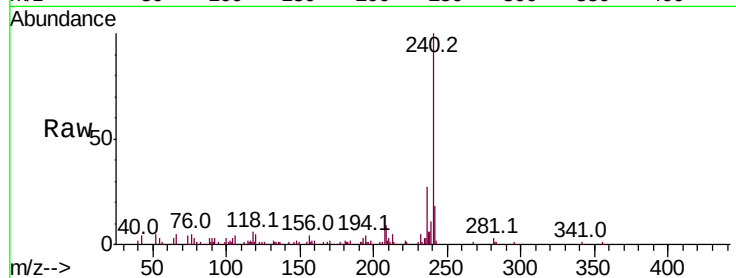
Tot Ion:240 Resp: 100309

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

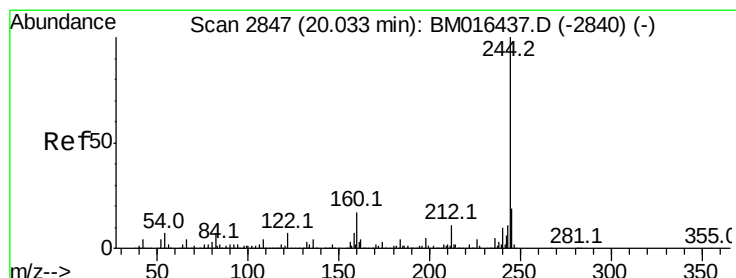
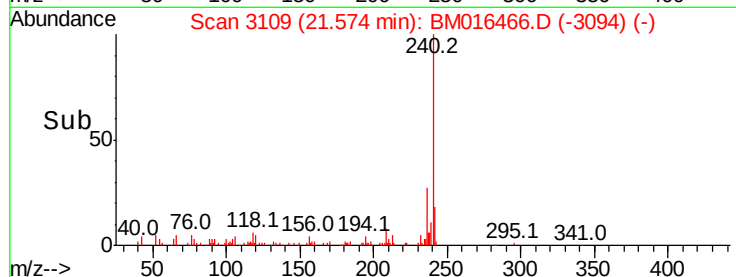
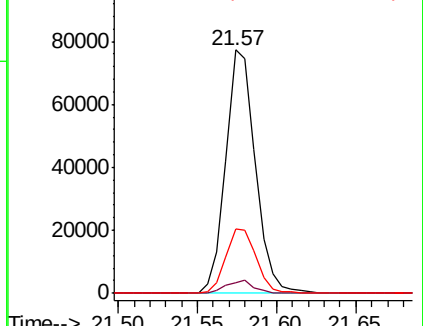
236 26.5 20.0 30.0



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: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016466.D

Acq: 18 Aug 2018 10:26

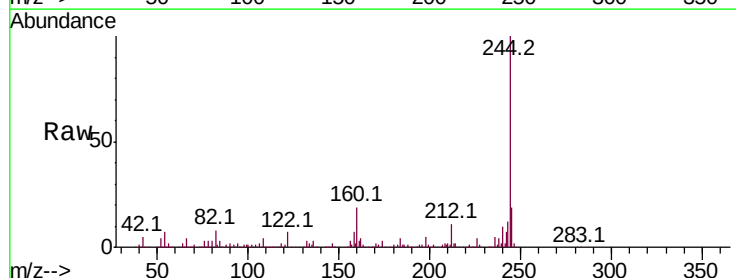
Tgt Ion:244 Resp: 564146

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

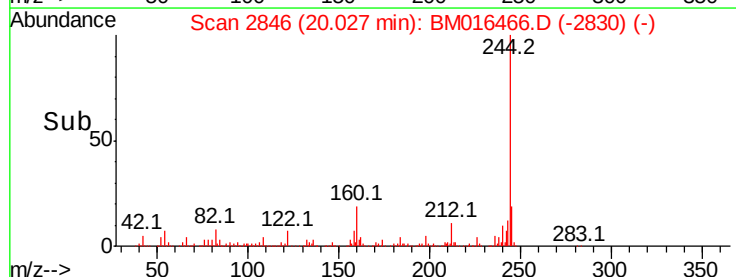
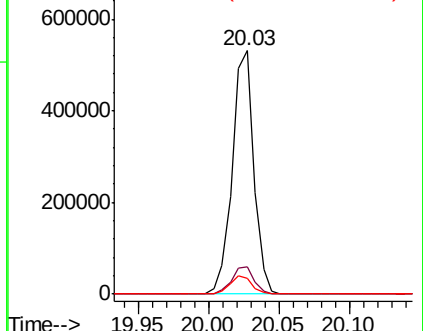
122 6.7 6.2 9.4

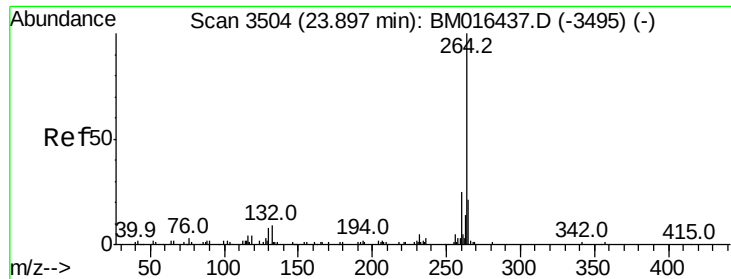


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

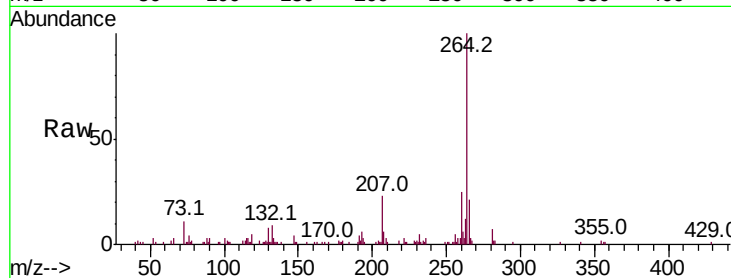




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016466.D
Acq: 18 Aug 2018 10:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.5	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

