

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016478.D
 Acq On : 18 Aug 2018 17:45
 Operator : SJ/JU
 Sample : PB112126TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:18:41 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

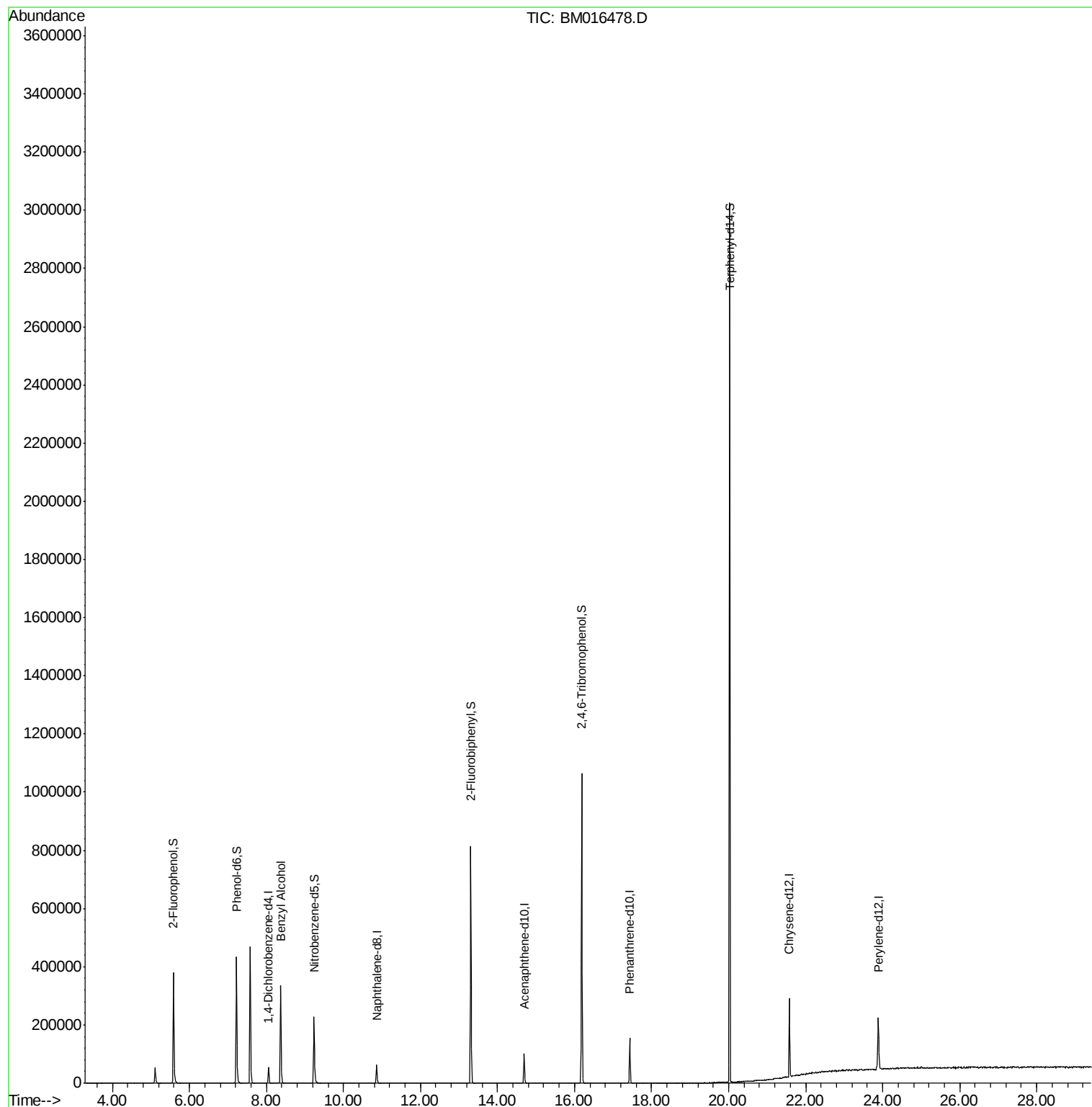
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	10521	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	39519	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	26945	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	75819	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	103003	20.00	ng	0.00
86) Perylene-d12	23.88	264	121240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	106915	170.78	ng	0.00
7) Phenol-d6	7.22	99	137768	163.72	ng	-0.01
23) Nitrobenzene-d5	9.24	82	104528	110.16	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	89584	220.13	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	269531	104.02	ng	-0.01
78) Terphenyl-d14	20.03	244	874265	128.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	2250	2.946	ng	Qvalue # 1

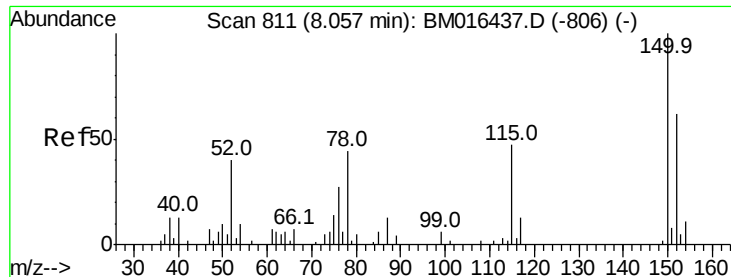
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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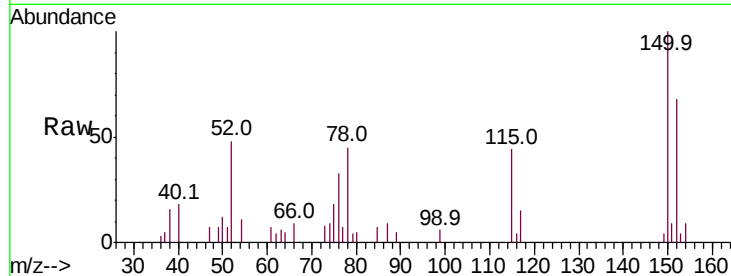


#1

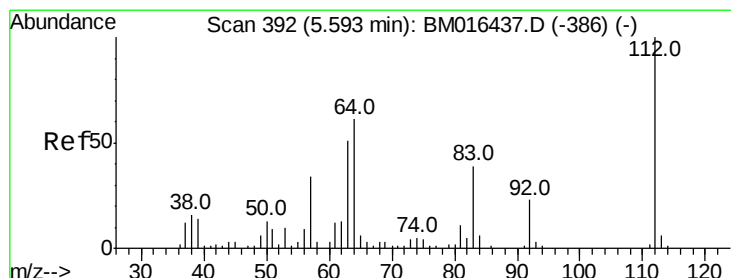
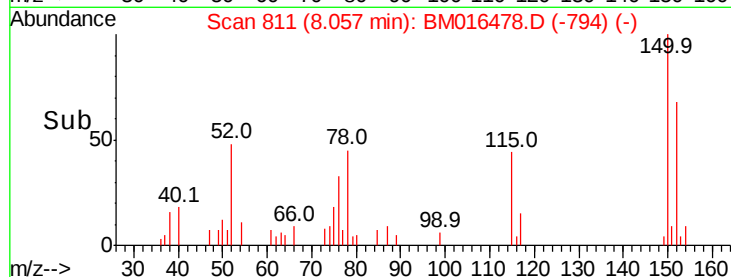
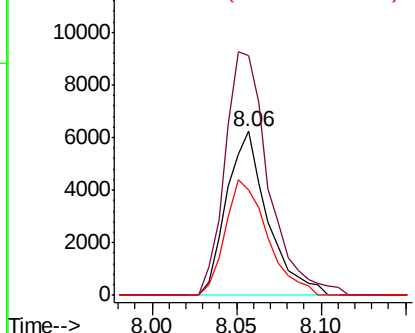
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 10521
Ion Ratio Lower Upper
152 100
150 146.2 119.5 179.3
115 64.0 43.0 64.4



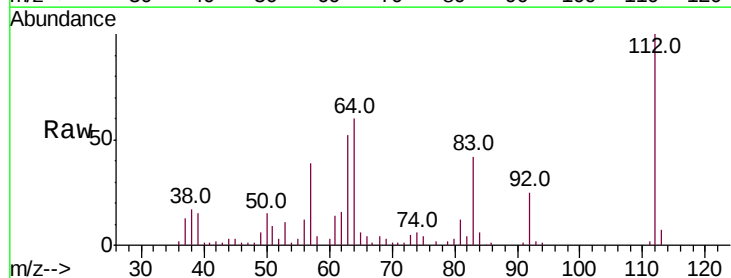
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



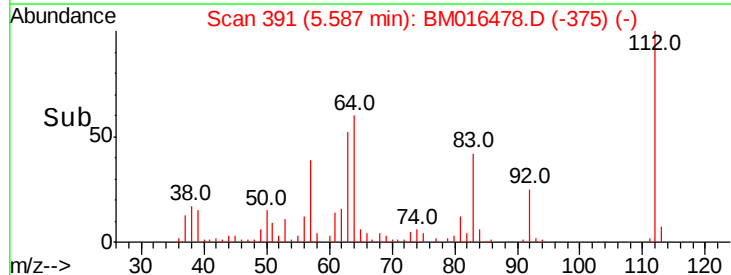
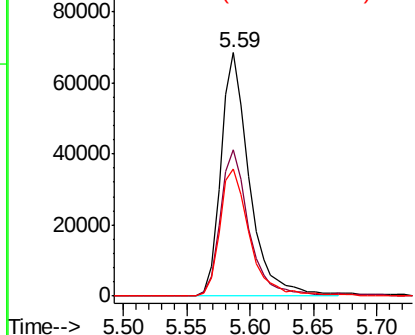
#5

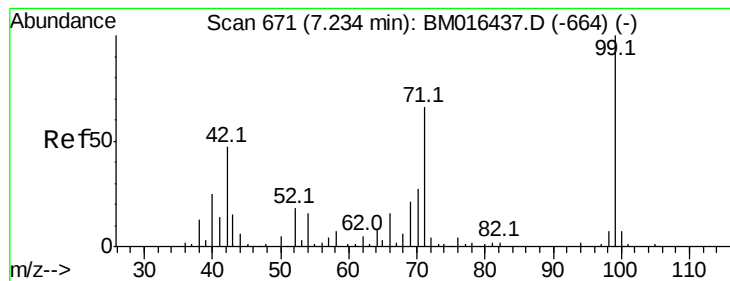
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Tgt Ion:112 Resp: 106915
Ion Ratio Lower Upper
112 100
64 60.1 38.6 57.8#
63 52.5 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: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Instrument :

BNA_M

ClientSampled :

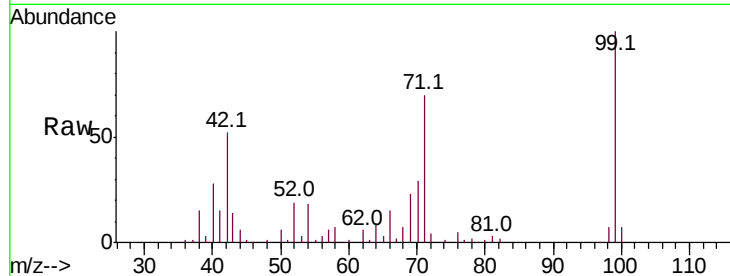
Tot Ion: 99 Resp: 137768

Ion Ratio Lower Upper

99 100

42 51.8 11.0 16.4#

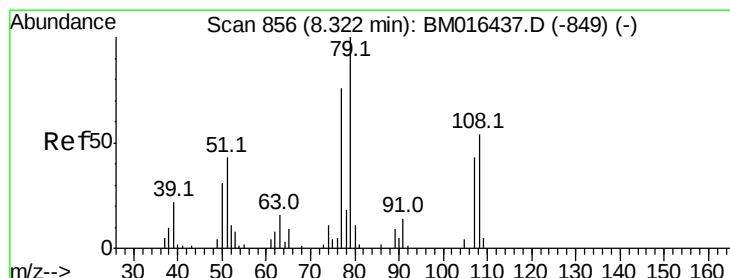
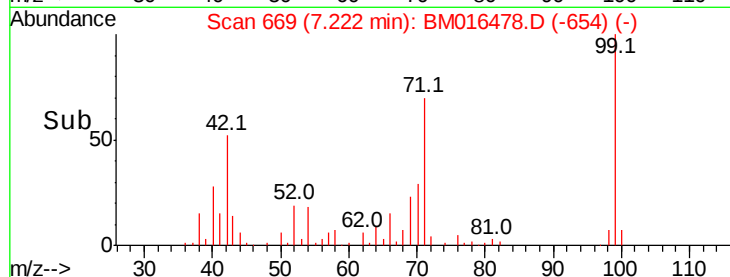
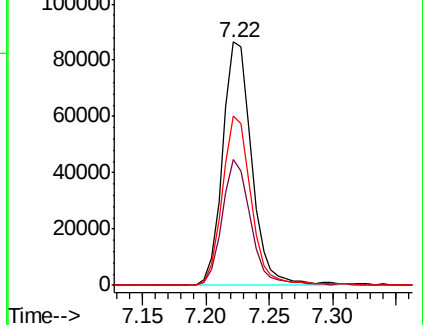
71 69.7 23.4 35.2#



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: 2.946 ng

RT: 8.37 min Scan# 864

Delta R.T. 0.05 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

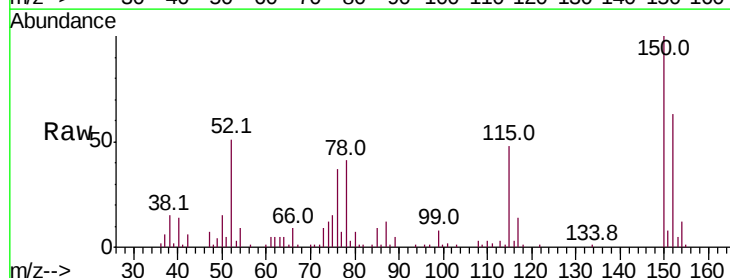
Tgt Ion: 79 Resp: 2250

Ion Ratio Lower Upper

79 100

108 105.0 65.0 97.4#

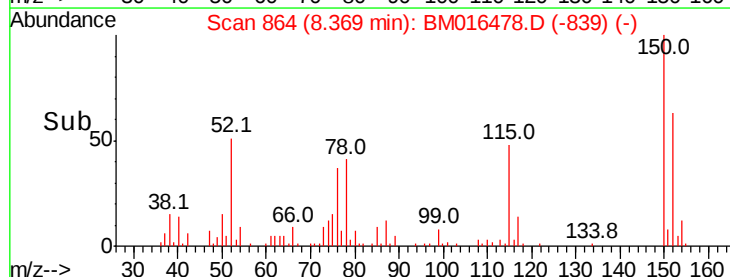
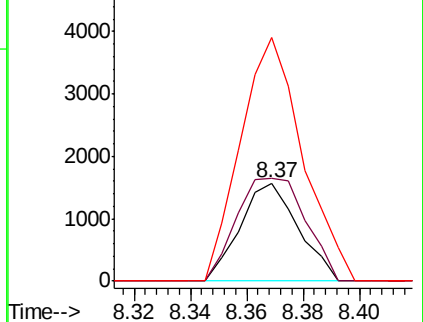
77 248.2 53.0 79.6#

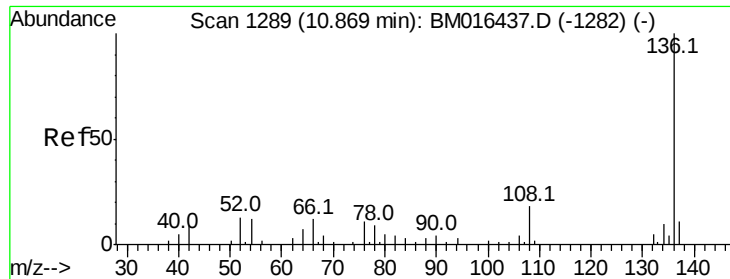


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

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

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

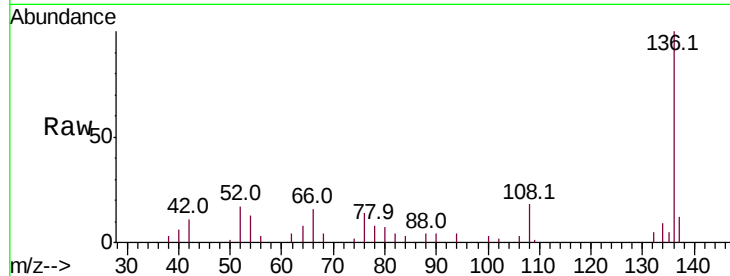




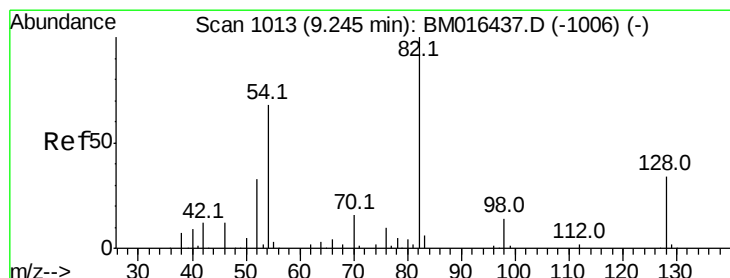
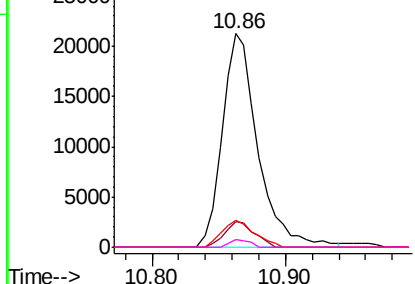
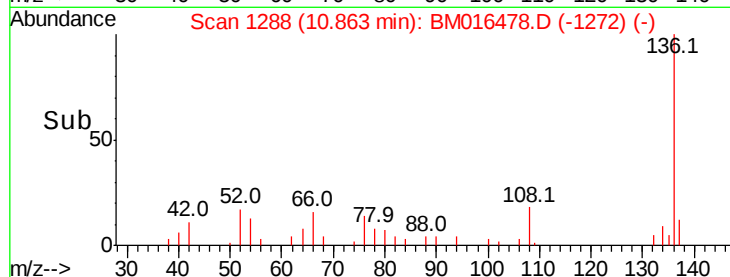
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	39519
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	12.6	4.6	6.8#
68	3.6	3.7	5.5#

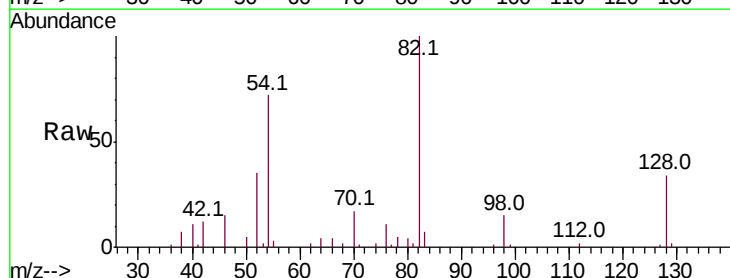


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

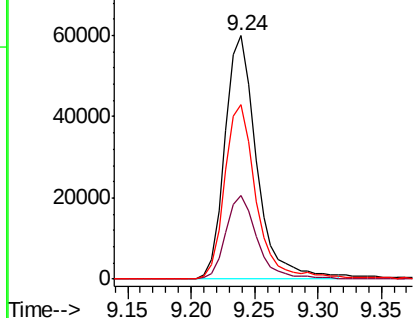
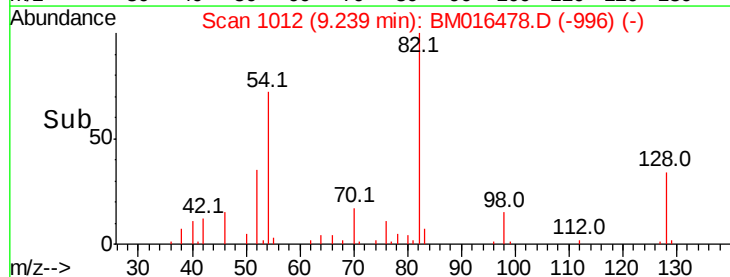


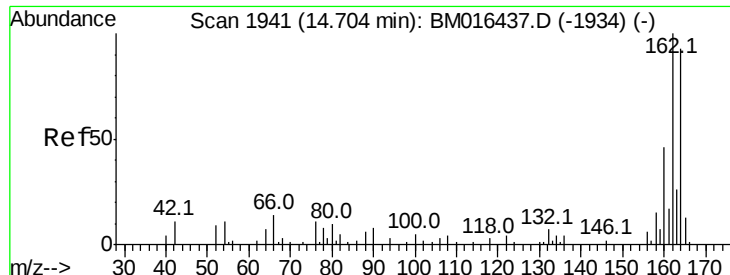
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Tgt Ion:	82	Resp:	104528
Ion	Ratio	Lower	Upper
82	100		
128	34.3	32.8	49.2
54	71.8	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Instrument :

BNA_M

ClientSampled :

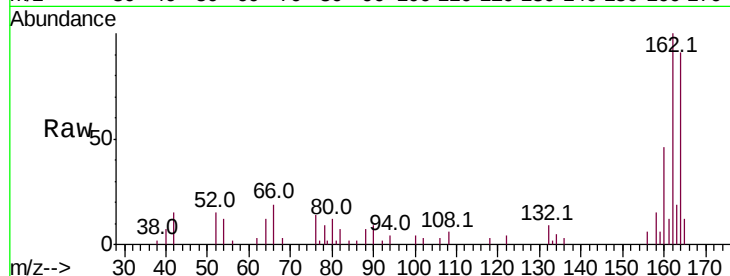
Tot Ion:164 Resp: 26945

Ion Ratio Lower Upper

164 100

162 110.5 82.4 123.6

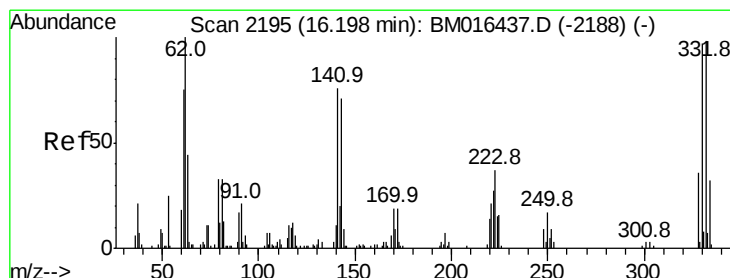
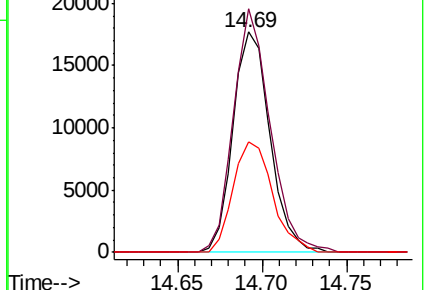
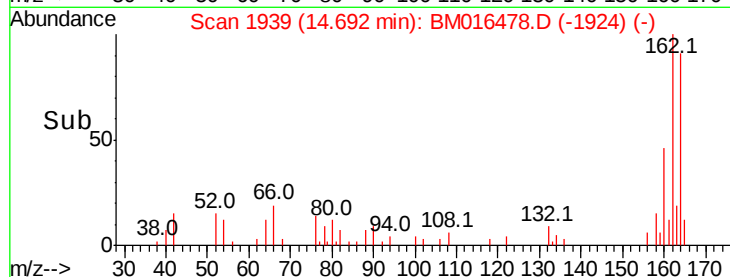
160 50.3 35.8 53.6



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: BM016478.D

Acq: 18 Aug 2018 17:45

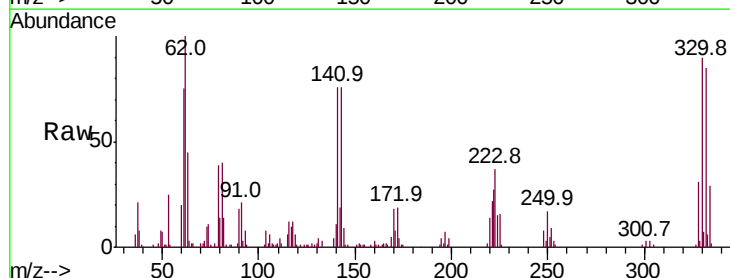
Tgt Ion:330 Resp: 89584

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

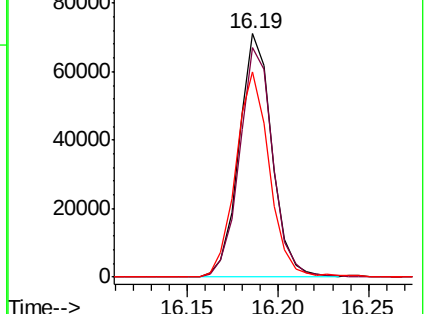
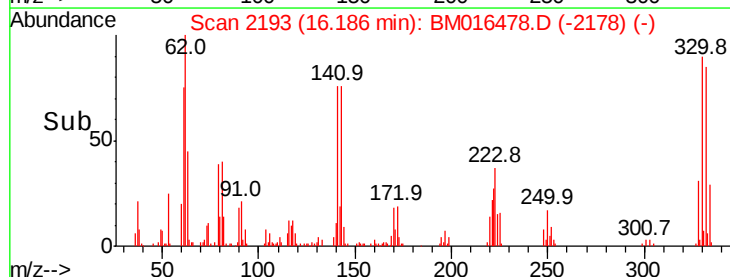
141 86.1 0.0 0.0#

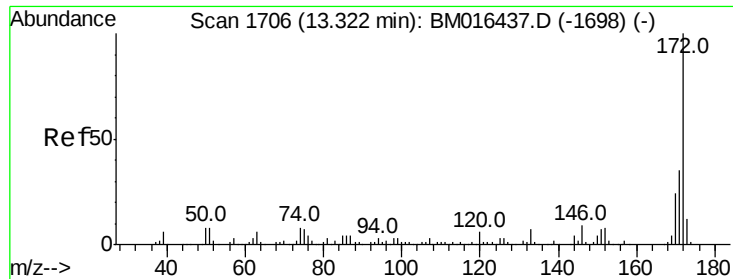


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

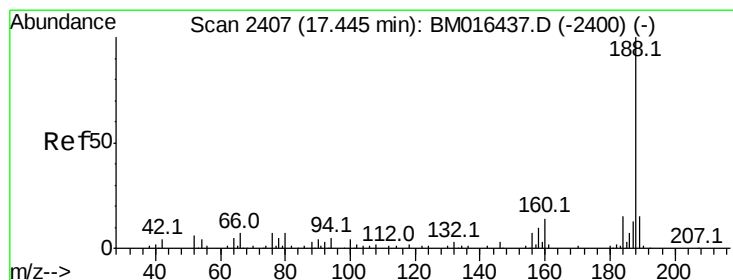
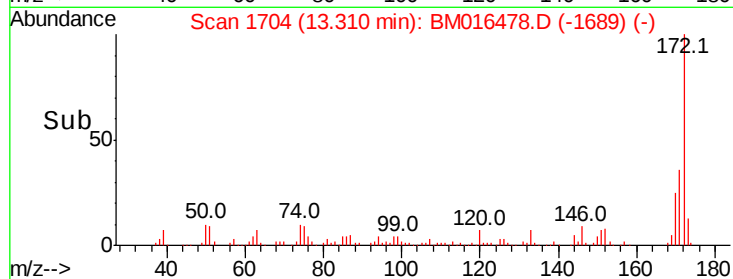
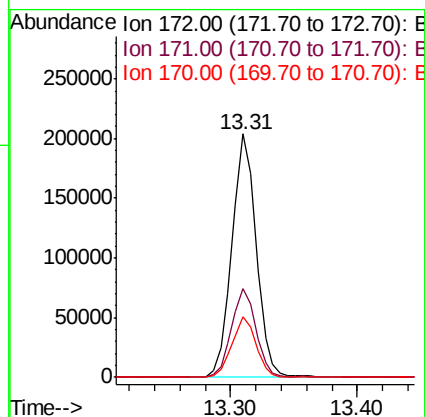
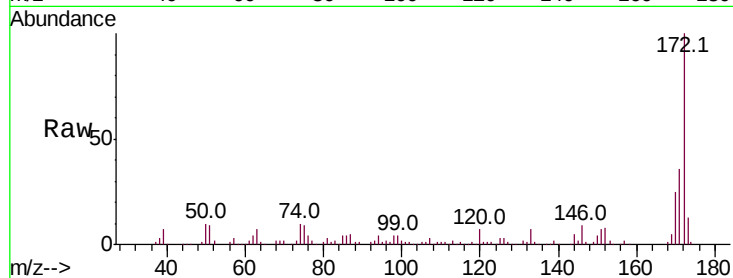




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

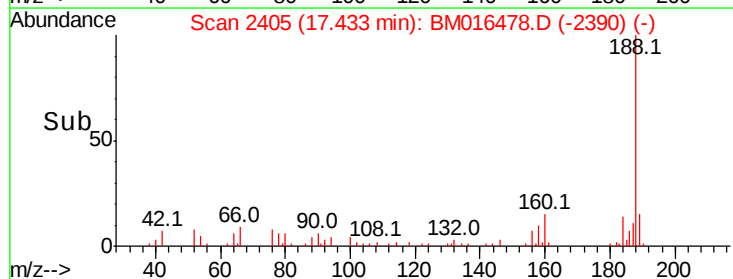
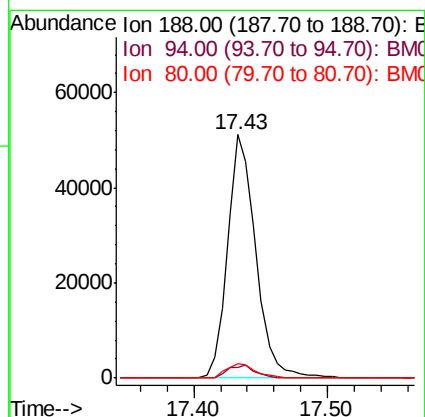
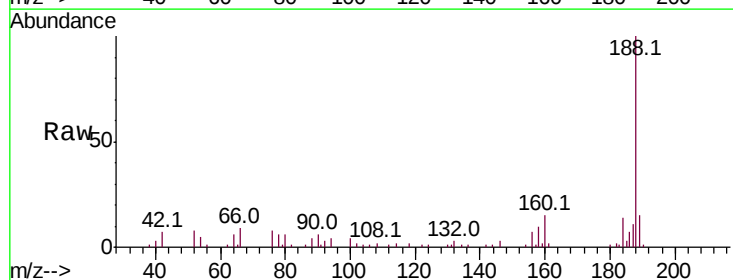
Instrument :
BNA_M
ClientSampleId :

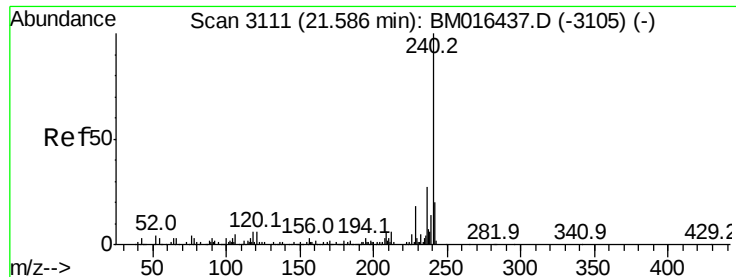
Tot Ion:172 Resp: 269531
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Tgt Ion:188 Resp: 75819
Ion Ratio Lower Upper
188 100
94 4.2 8.7 13.1#
80 5.7 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Instrument :

BNA_M

ClientSampled :

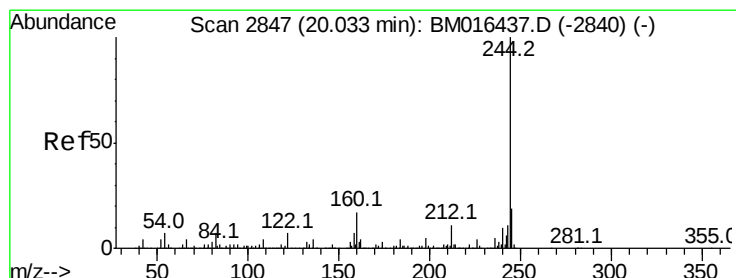
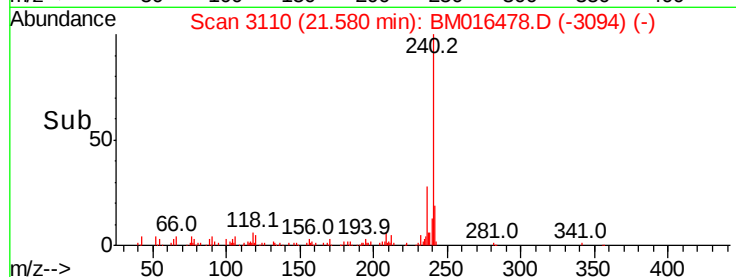
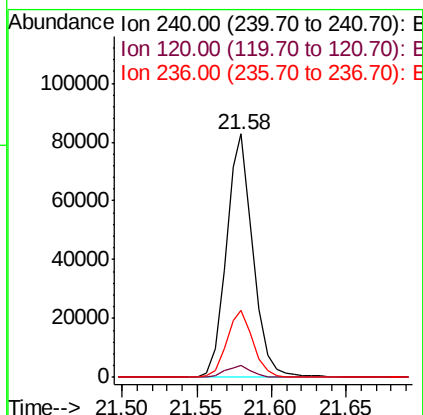
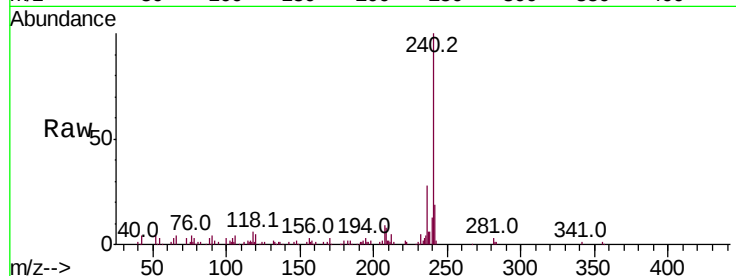
Tot Ion:240 Resp: 103003

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

236 27.7 20.0 30.0



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

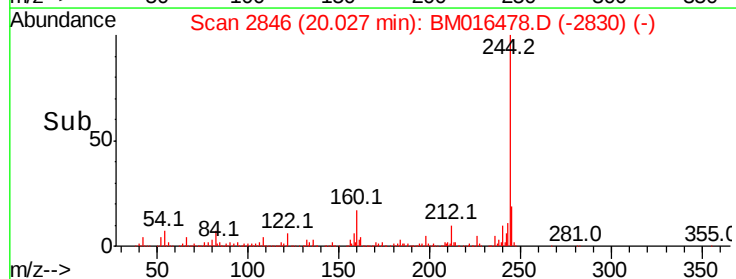
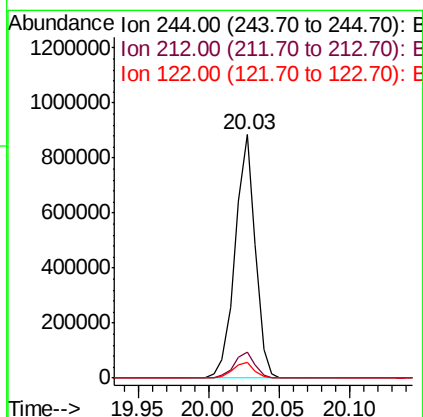
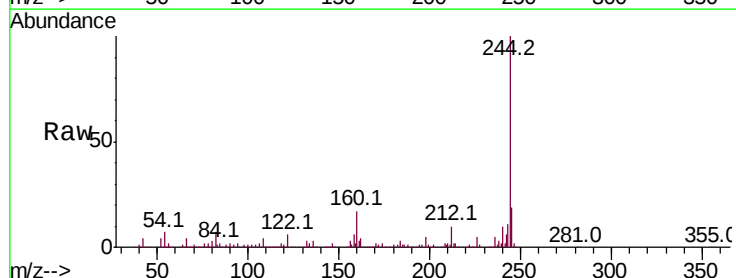
Tgt Ion:244 Resp: 874265

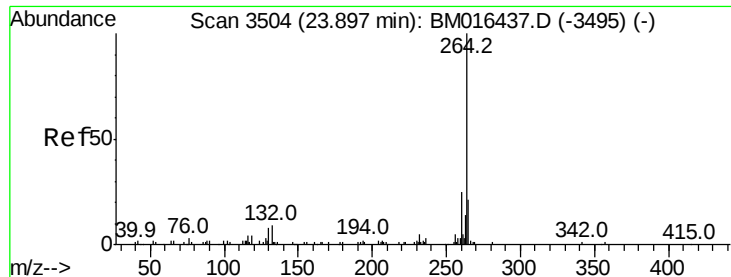
Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

122 6.5 6.2 9.4

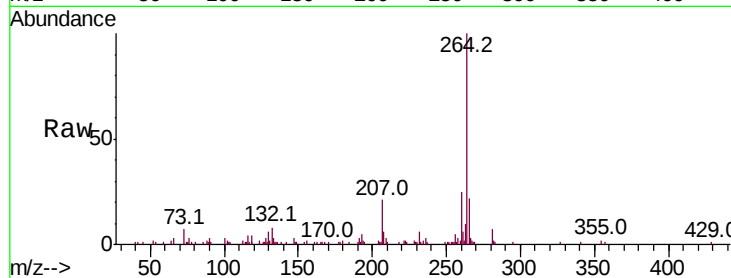




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.88 min Scan# 3501
 Delta R.T. -0.02 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	264	Resp:	121240
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	21.6	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

