

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016469.D
 Acq On : 18 Aug 2018 12:16
 Operator : SJ/JU
 Sample : J4521-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:16:46 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

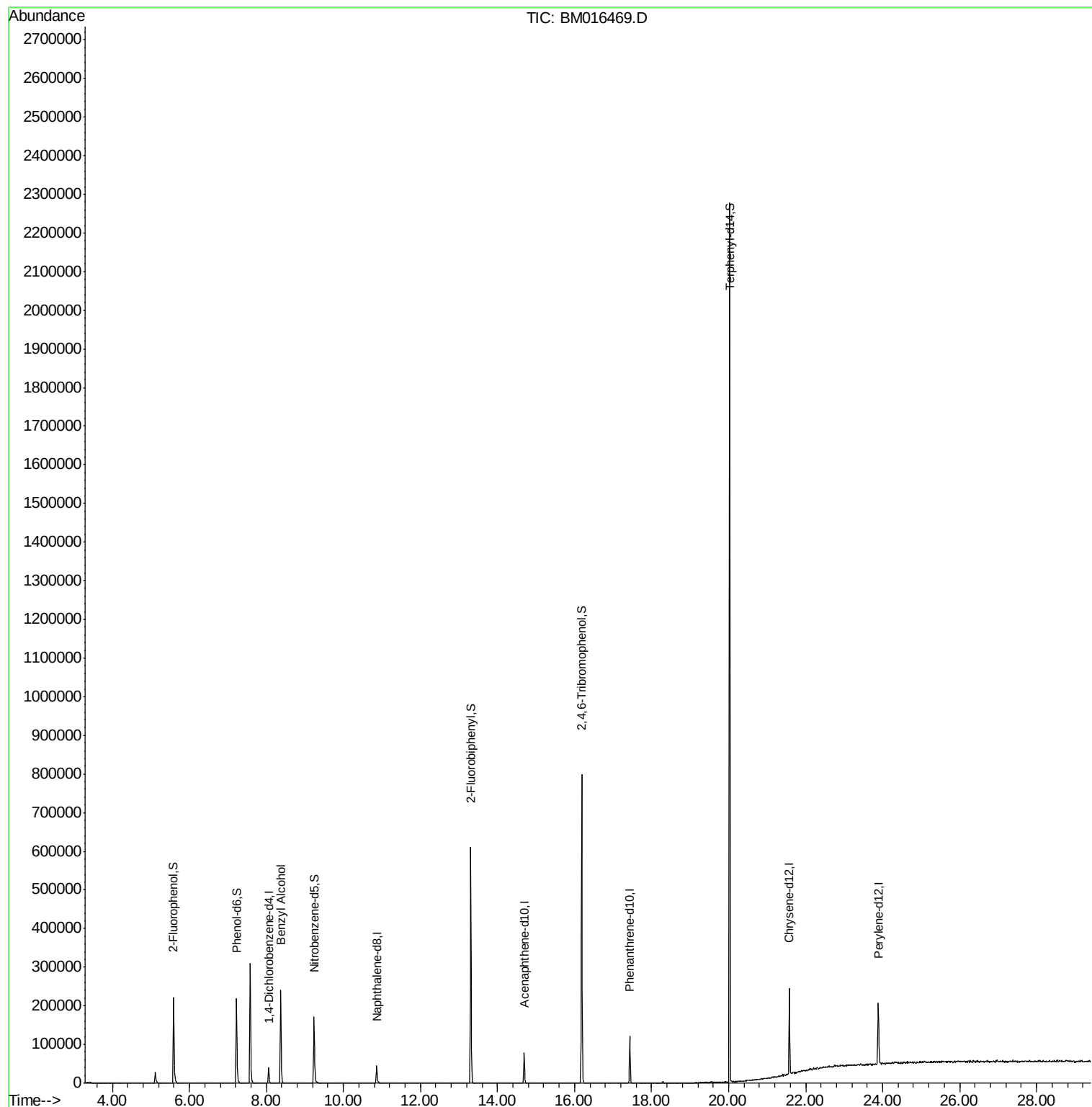
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	7257	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	27732	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	21322	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	59398	20.00	ng	0.00
75) Chrysene-d12	21.58	240	88186	20.00	ng	0.00
86) Perylene-d12	23.89	264	104108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	64381	149.09	ng	0.00
7) Phenol-d6	7.22	99	72223	124.43	ng	-0.01
23) Nitrobenzene-d5	9.24	82	78337	117.64	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	65387	203.04	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	199292	97.19	ng	-0.01
78) Terphenyl-d14	20.03	244	673848	115.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	1607	3.050	ng	Qvalue # 6

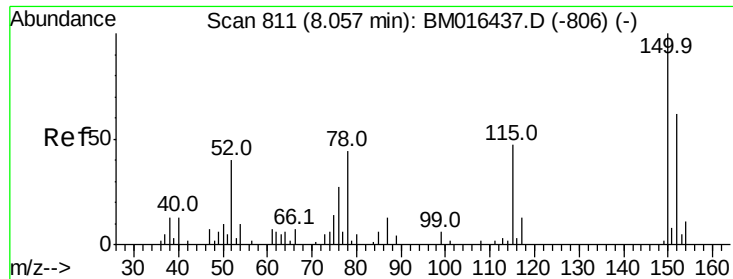
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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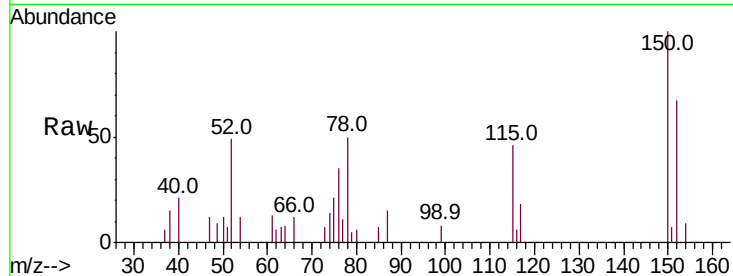


#1

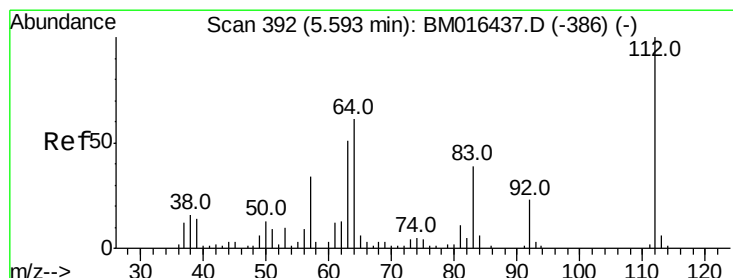
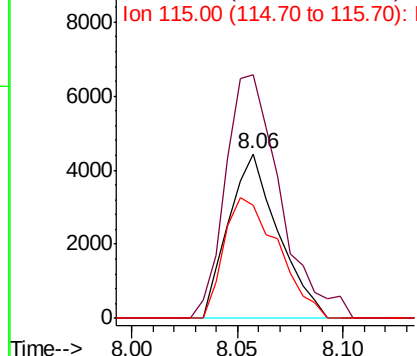
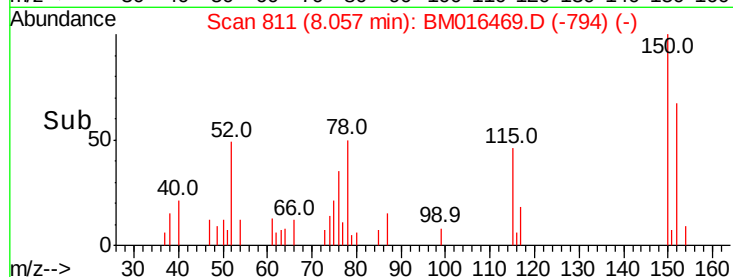
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016469.D
 Acq: 18 Aug 2018 12:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	68.9	43.0	64.4#



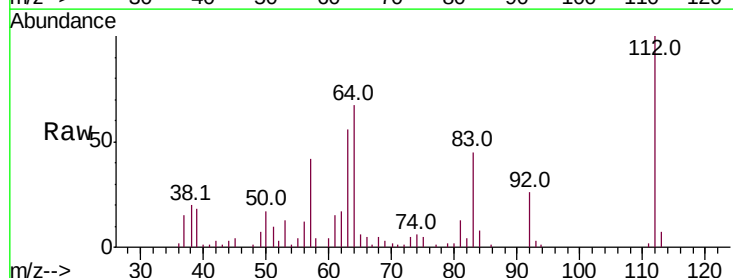
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



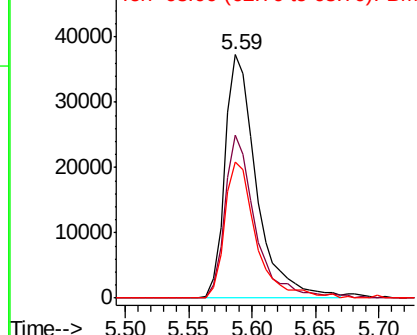
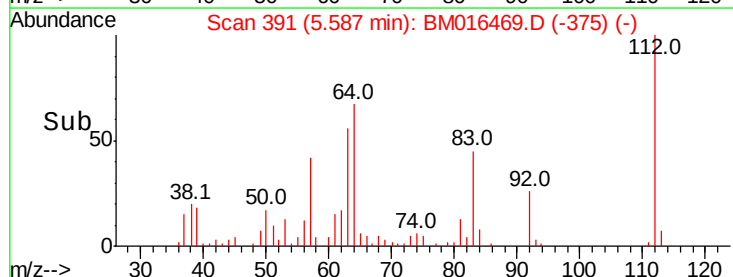
#5

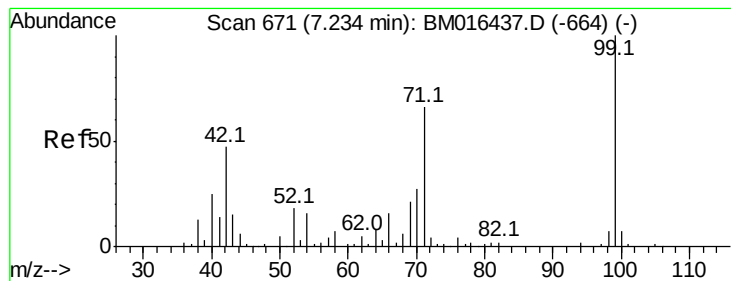
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BM016469.D
 Acq: 18 Aug 2018 12:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	38.6	57.8#
63	56.1	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: BM016469.D

Acq: 18 Aug 2018 12:16

Instrument :

BNA_M

ClientSampleId :

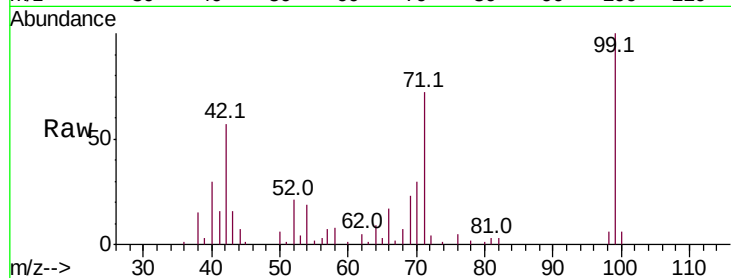
Tot Ion: 99 Resp: 72223

Ion Ratio Lower Upper

99 100

42 57.3 11.0 16.4#

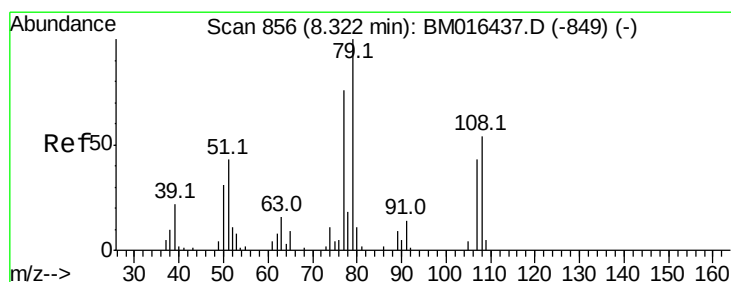
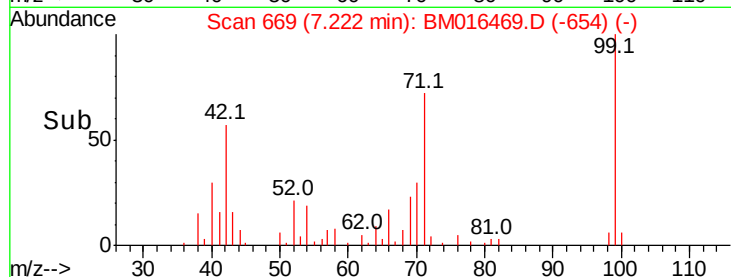
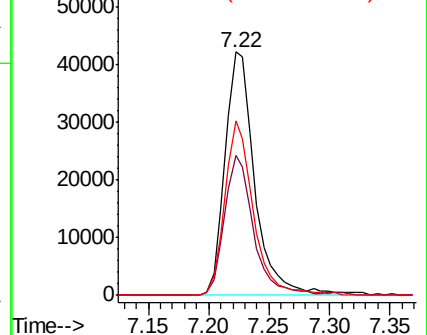
71 71.6 23.4 35.2#



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: 3.050 ng

RT: 8.36 min Scan# 863

Delta R.T. 0.04 min

Lab File: BM016469.D

Acq: 18 Aug 2018 12:16

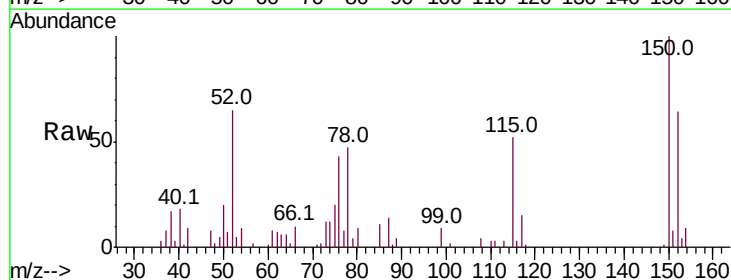
Tgt Ion: 79 Resp: 1607

Ion Ratio Lower Upper

79 100

108 99.7 65.0 97.4#

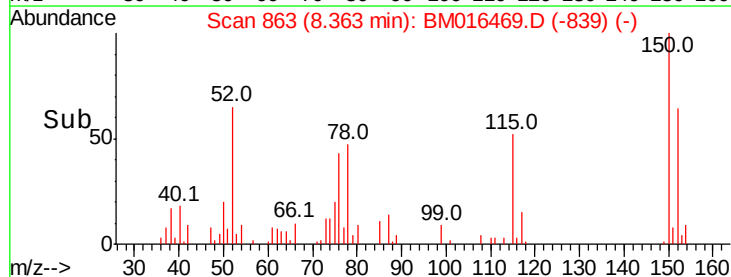
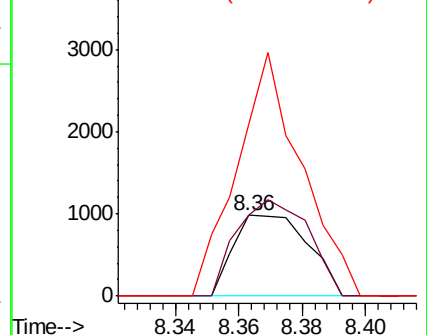
77 213.0 53.0 79.6#

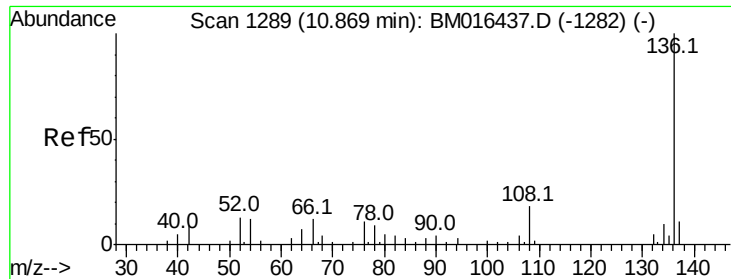


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

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

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

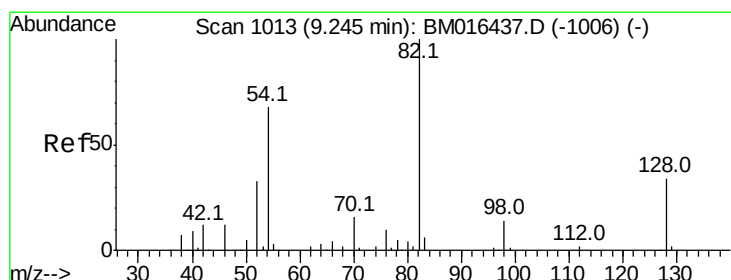
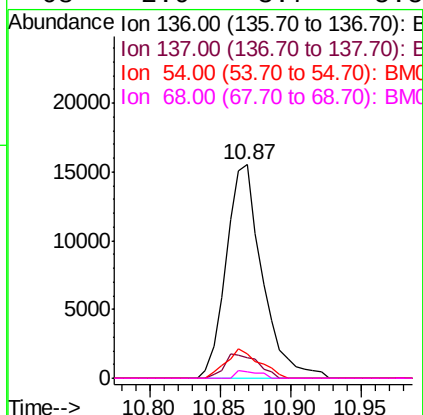
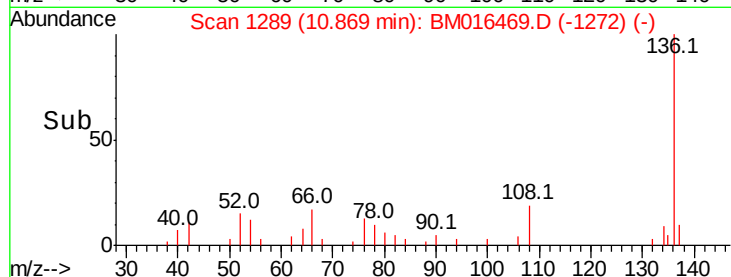
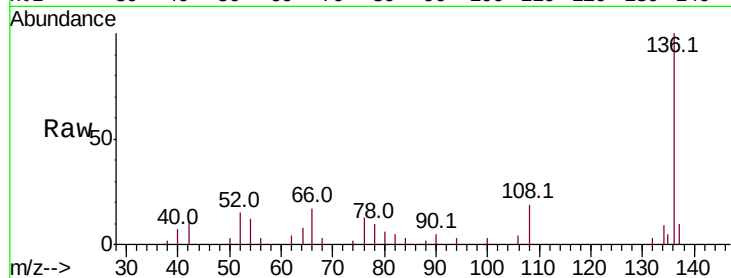




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

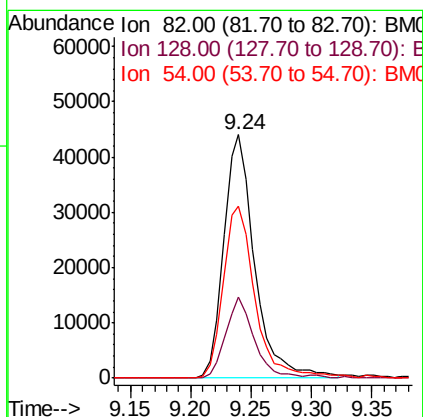
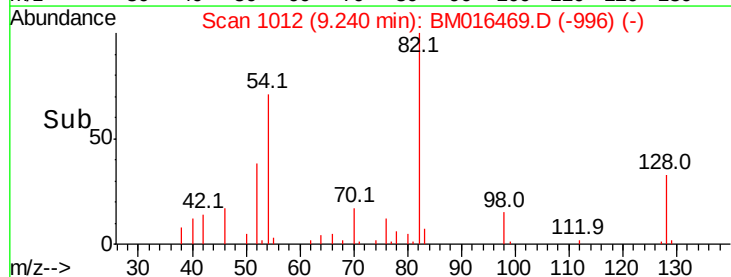
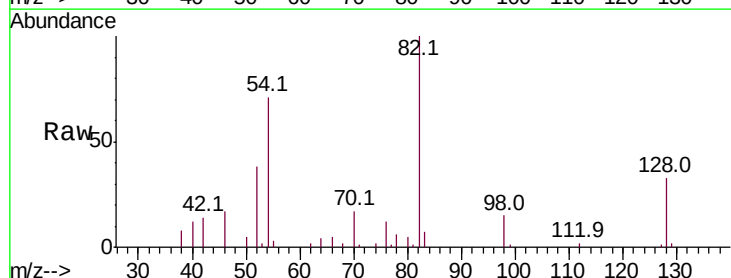
Instrument :
BNA_M
ClientSampled :

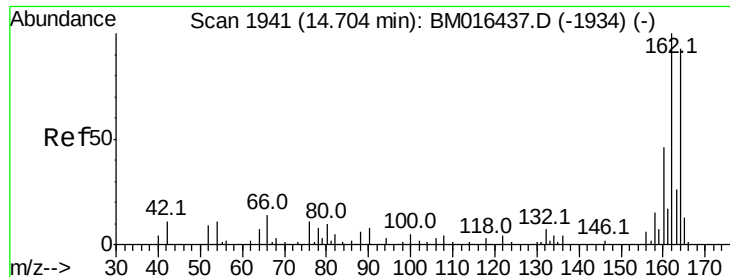
Tot Ion:	136	Resp:	27732
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	11.7	4.6	6.8#
68	2.9	3.7	5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:	82	Resp:	78337
Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	70.6	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: BM016469.D

Acq: 18 Aug 2018 12:16

Instrument :

BNA_M

ClientSampleId :

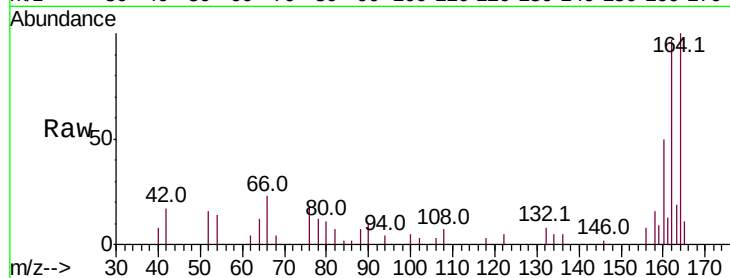
Tot Ion:164 Resp: 21322

Ion Ratio Lower Upper

164 100

162 97.0 82.4 123.6

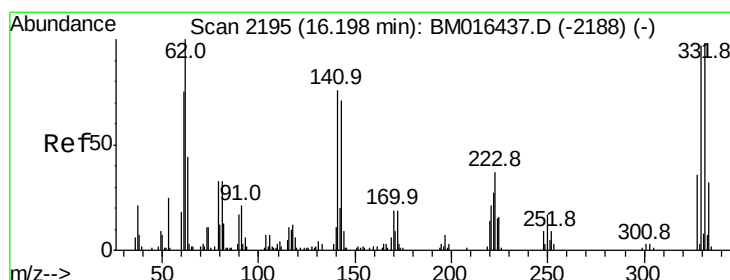
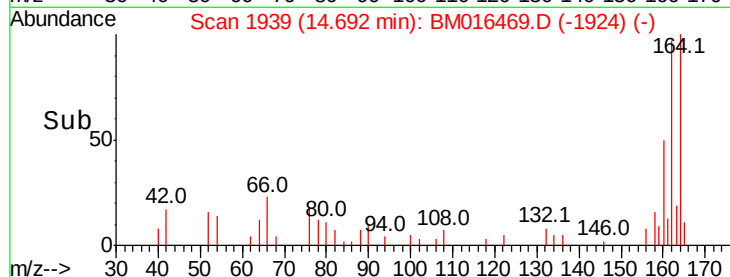
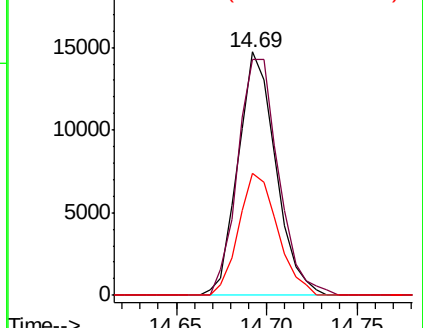
160 50.1 35.8 53.6



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: BM016469.D

Acq: 18 Aug 2018 12:16

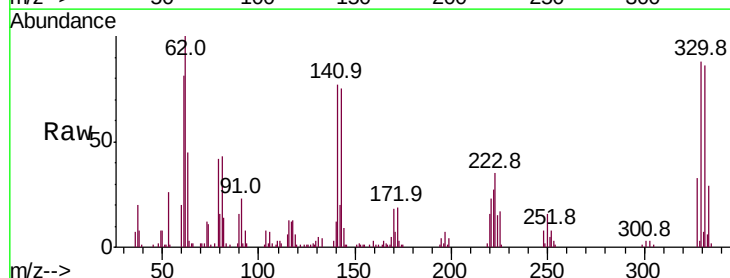
Tgt Ion:330 Resp: 65387

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

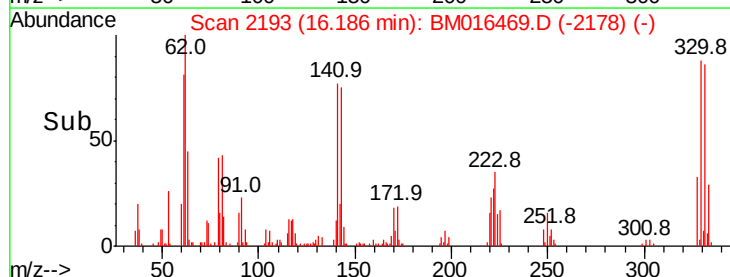
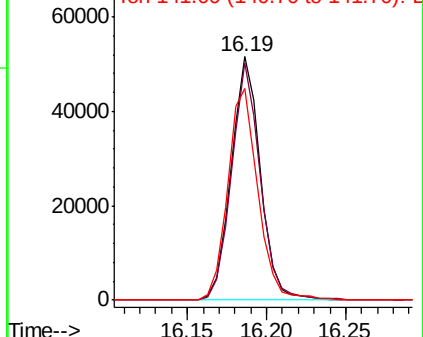
141 90.2 0.0 0.0#

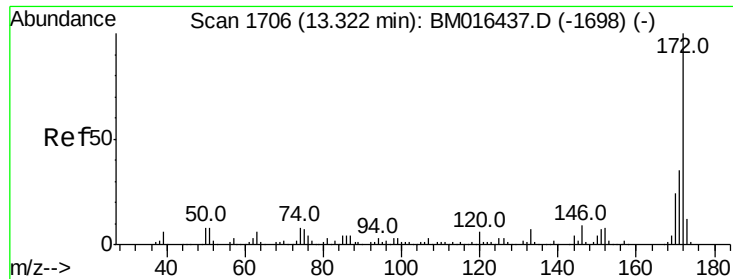


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

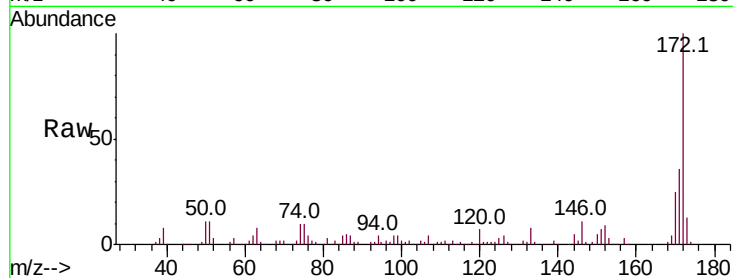




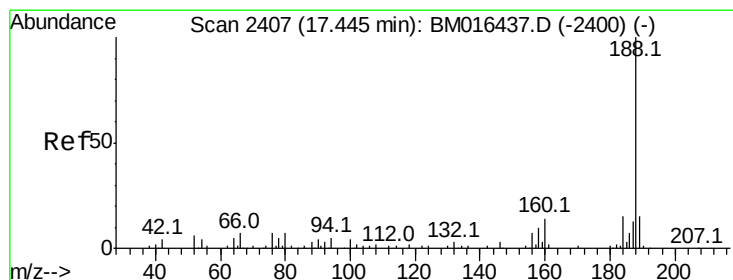
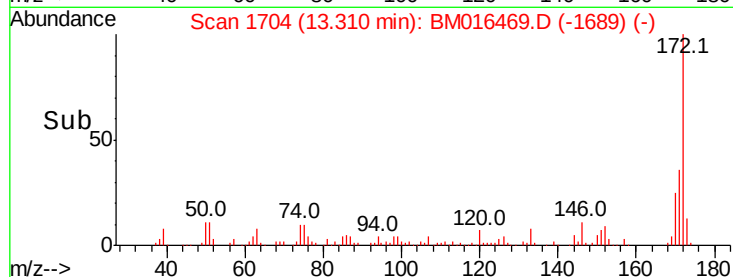
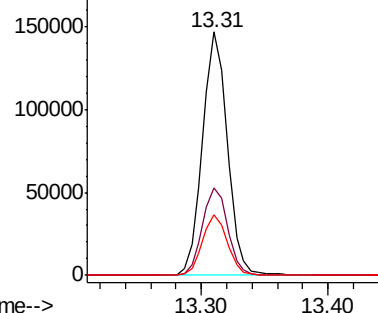
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 199292
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.9 18.8 28.2

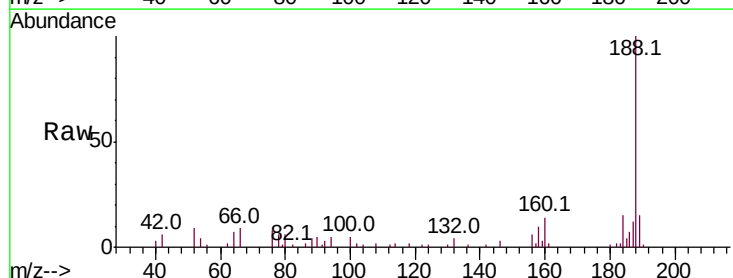


Abundance Ion 172.00 (171.70 to 172.70): E
200000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

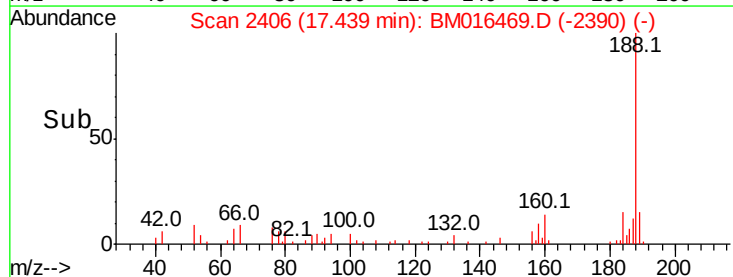
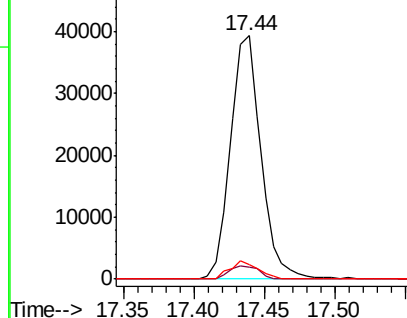


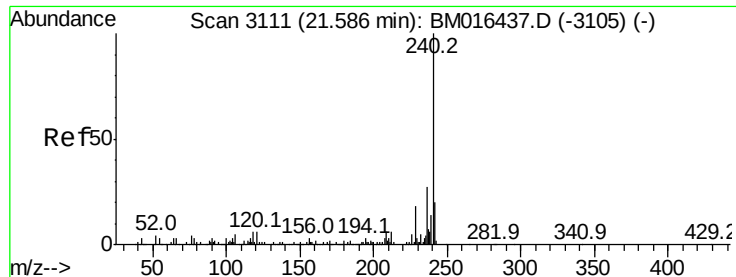
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:188 Resp: 59398
Ion Ratio Lower Upper
188 100
94 4.9 8.7 13.1#
80 6.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
50000
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: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016469.D

Acq: 18 Aug 2018 12:16

Instrument :

BNA_M

ClientSampleId :

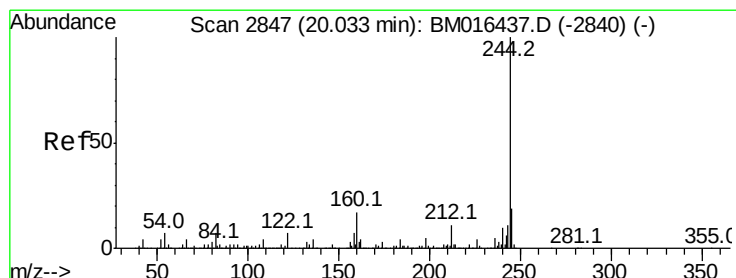
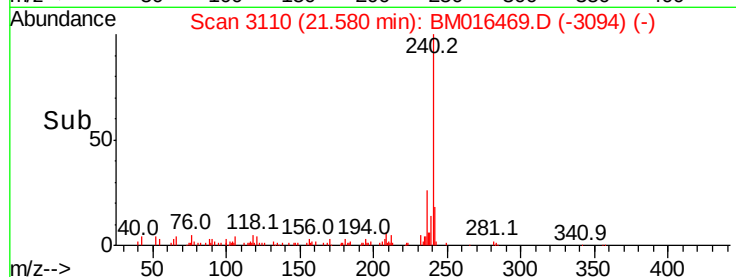
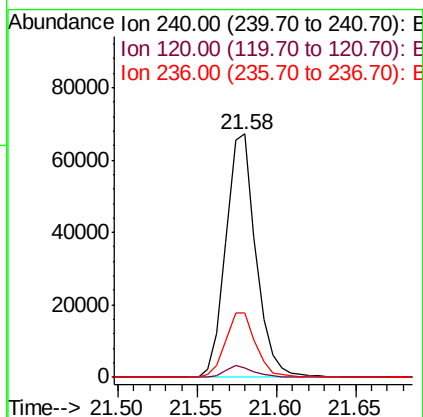
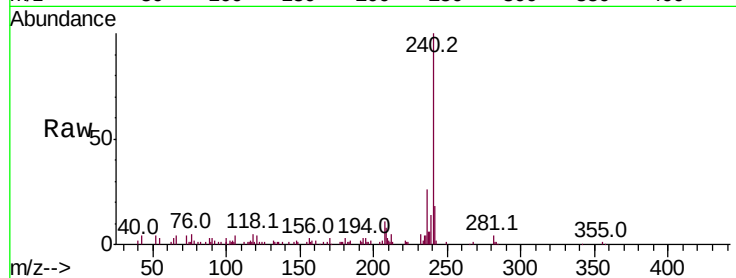
Tot Ion:240 Resp: 88186

Ion Ratio Lower Upper

240 100

120 3.7 8.2 12.2#

236 26.5 20.0 30.0



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016469.D

Acq: 18 Aug 2018 12:16

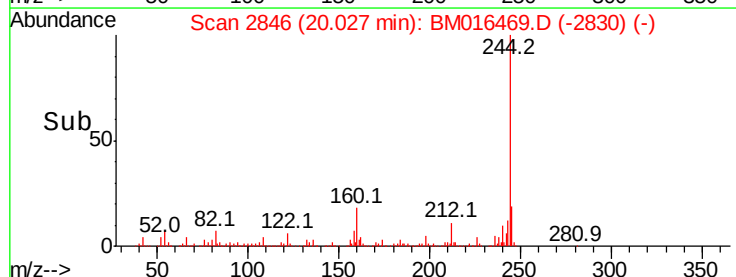
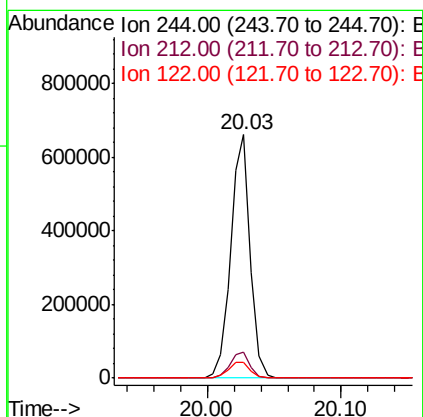
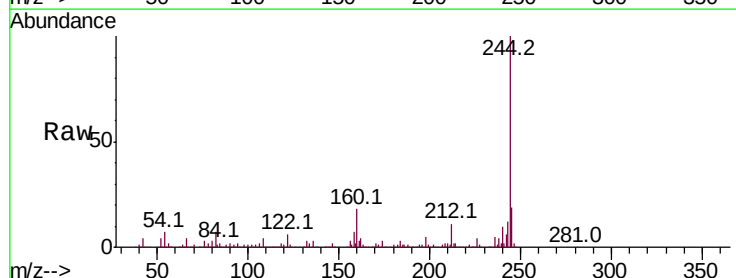
Tgt Ion:244 Resp: 673848

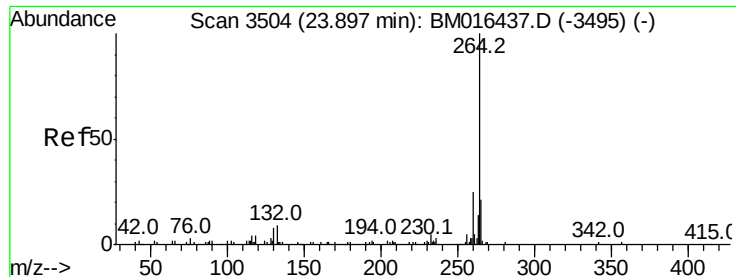
Ion Ratio Lower Upper

244 100

212 10.7 4.9 7.3#

122 6.3 6.2 9.4

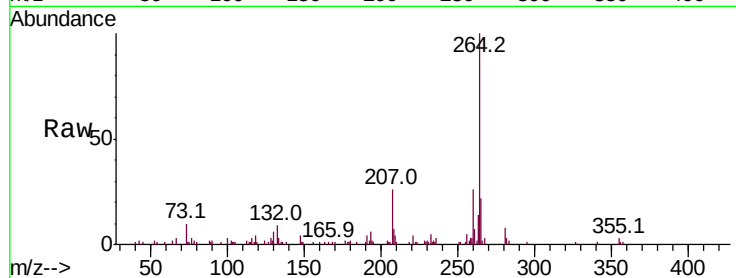




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	104108
Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	22.1	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

