

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016455.D
 Acq On : 18 Aug 2018 01:57
 Operator : SJ/JU
 Sample : J4500-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-12

Quant Time: Aug 18 04:02:57 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

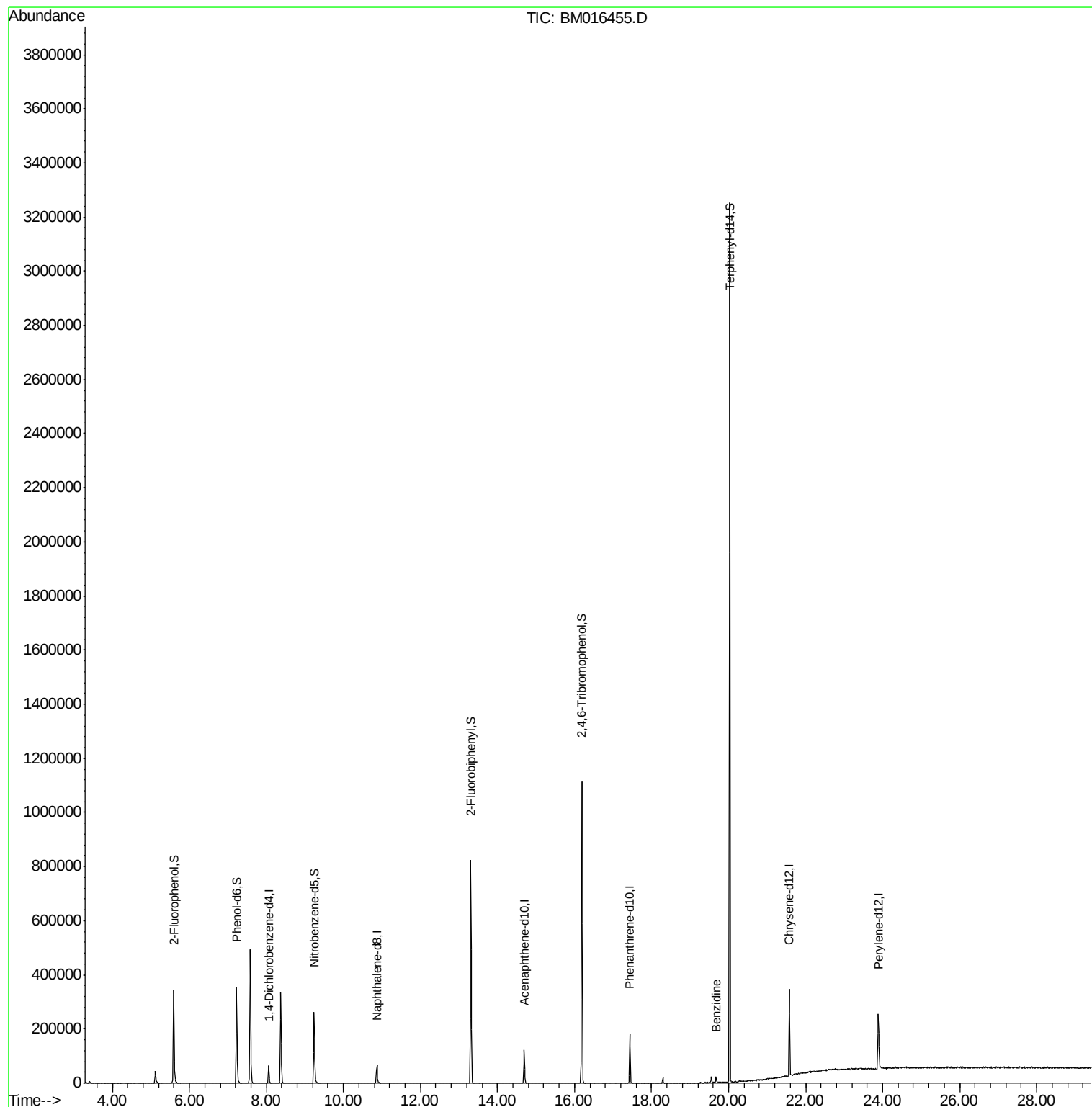
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	12405	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	43492	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	32346	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	85112	20.00	ng	0.00
75) Chrysene-d12	21.58	240	116976	20.00	ng	0.00
86) Perylene-d12	23.89	264	130033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	103418	140.10	ng	0.00
7) Phenol-d6	7.23	99	116291	117.21	ng	0.00
23) Nitrobenzene-d5	9.24	82	119748	114.67	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	103504	211.86	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	299918	96.42	ng	0.00
78) Terphenyl-d14	20.03	244	918548	118.68	ng	0.00
Target Compounds						
76) Benzidine	19.67	184	12332	4.790	ng	Qvalue 97

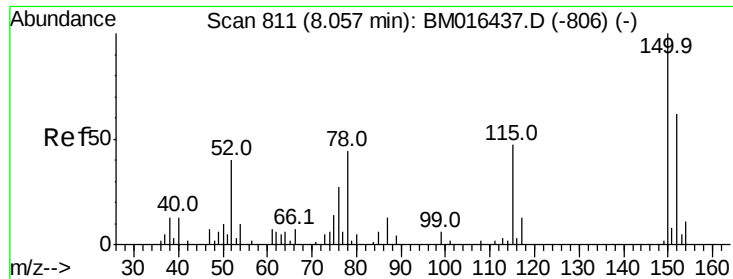
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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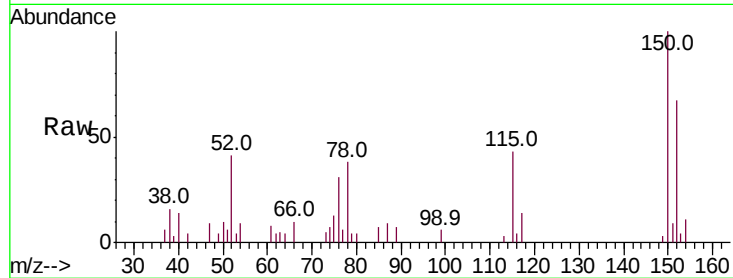


#1

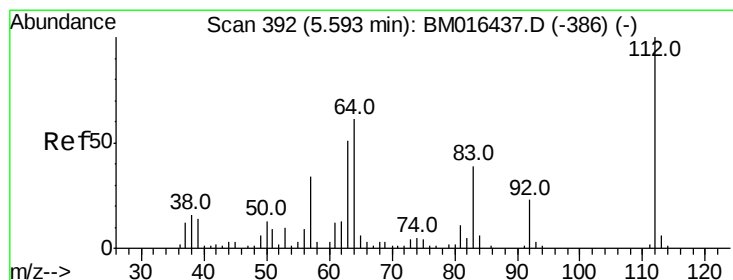
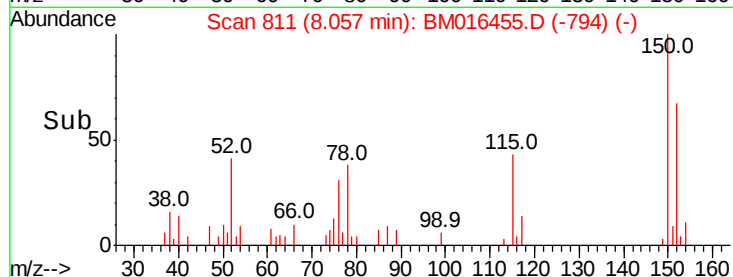
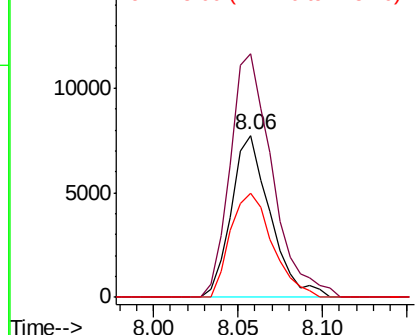
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Instrument :
 BNA_M
 ClientSampleId :
 TP-12

Tot Ion:152 Resp: 12405
 Ion Ratio Lower Upper
 152 100
 150 150.3 119.5 179.3
 115 64.6 43.0 64.4#



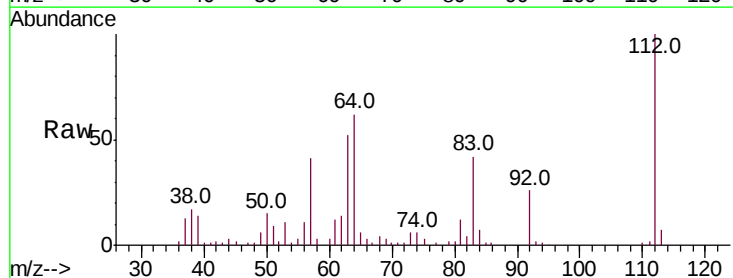
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



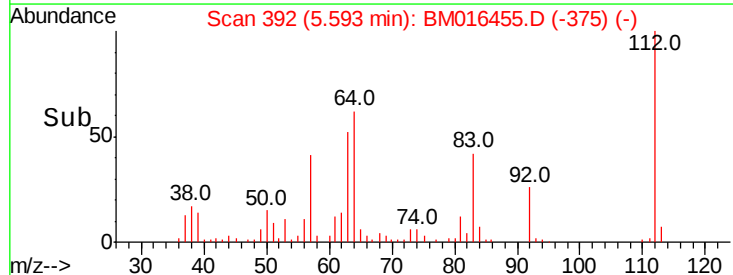
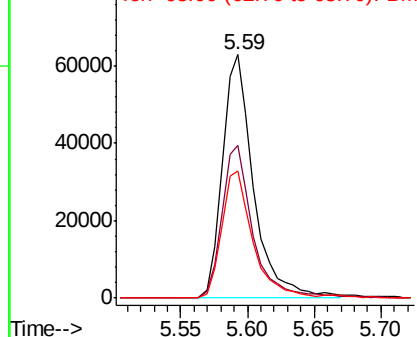
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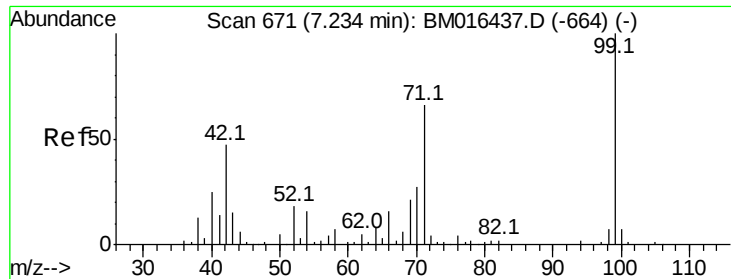
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Tgt Ion:112 Resp: 103418
 Ion Ratio Lower Upper
 112 100
 64 62.5 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: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Instrument :

BNA_M

ClientSampleId :

TP-12

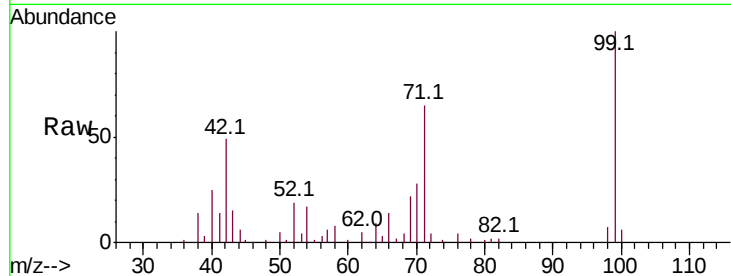
Tot Ion: 99 Resp: 116291

Ion Ratio Lower Upper

99 100

42 49.0 11.0 16.4#

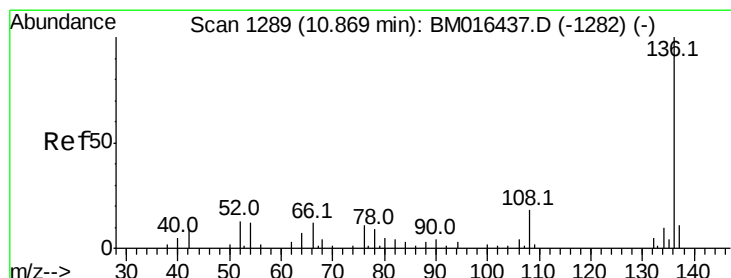
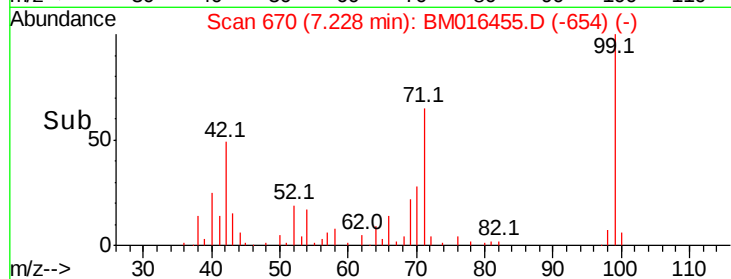
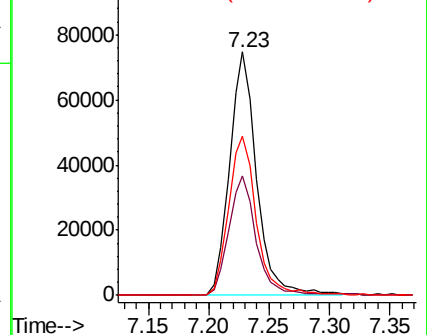
71 65.4 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Tgt Ion: 136 Resp: 43492

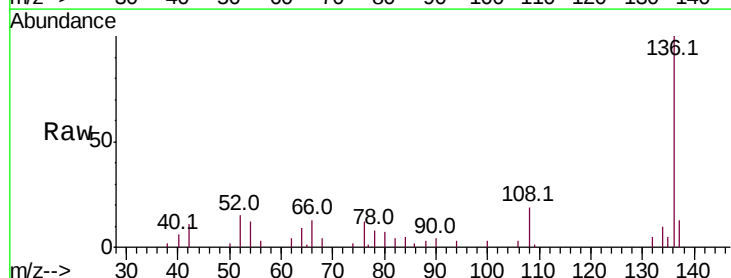
Ion Ratio Lower Upper

136 100

137 13.1 8.7 13.1#

54 11.8 4.6 6.8#

68 3.6 3.7 5.5#

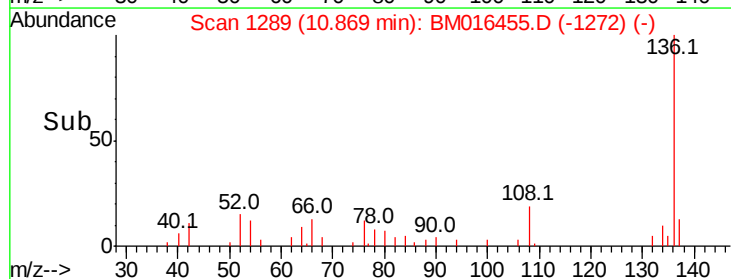
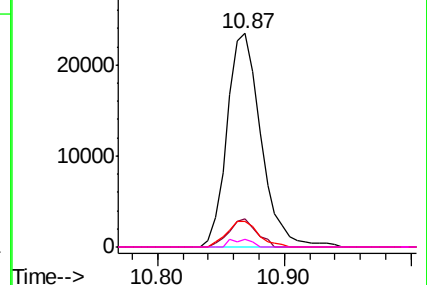


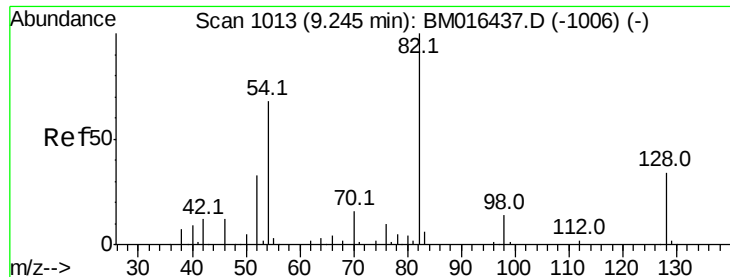
Abundance Ion 136.00 (135.70 to 136.70): BM016437.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016437.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016437.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016437.D (-1282) (-)

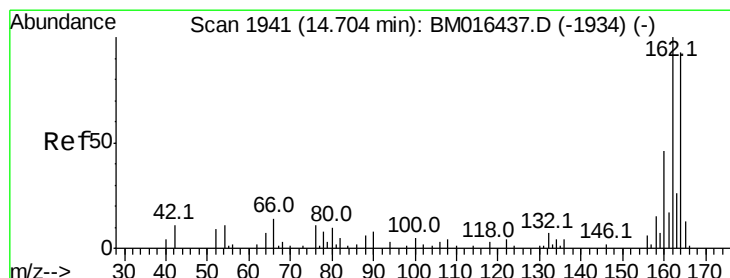
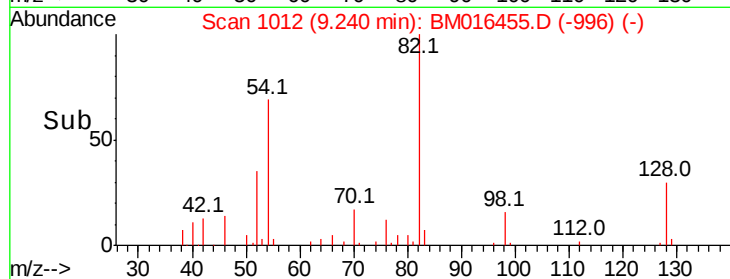
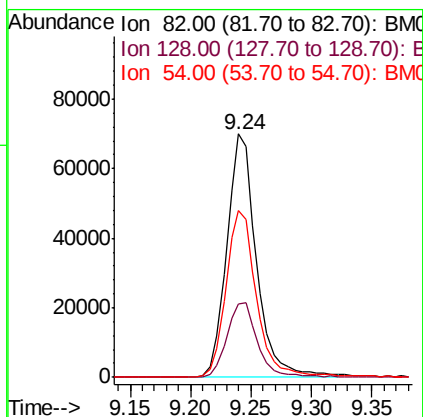
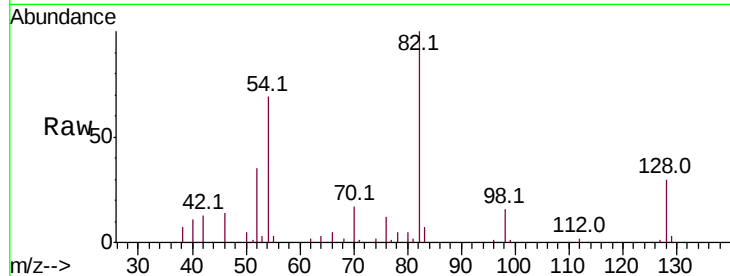




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

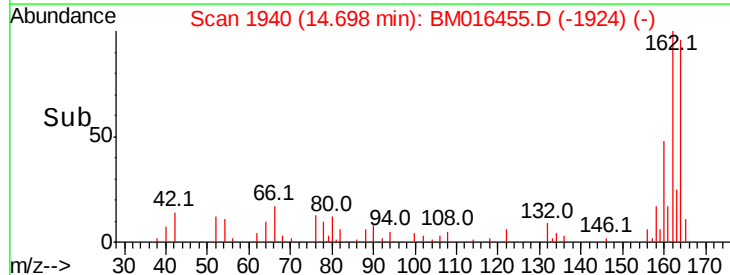
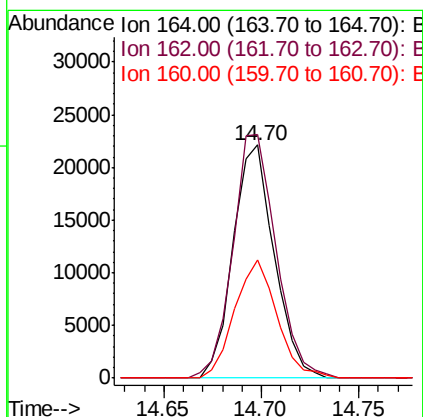
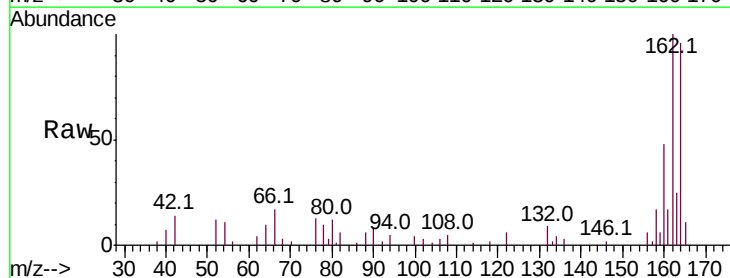
Instrument :
BNA_M
ClientSampleId :
TP-12

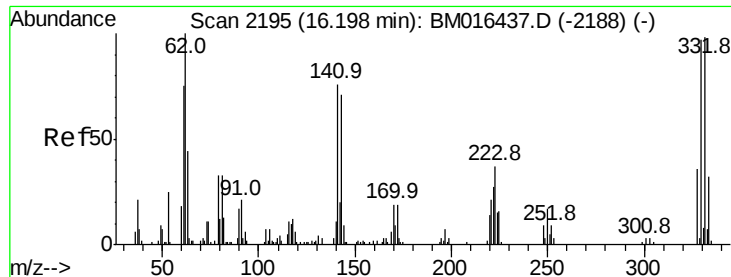
Tot Ion: 82 Resp: 119748
Ion Ratio Lower Upper
82 100
128 30.2 32.8 49.2#
54 68.8 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

Tgt Ion: 164 Resp: 32346
Ion Ratio Lower Upper
164 100
162 104.4 82.4 123.6
160 50.5 35.8 53.6

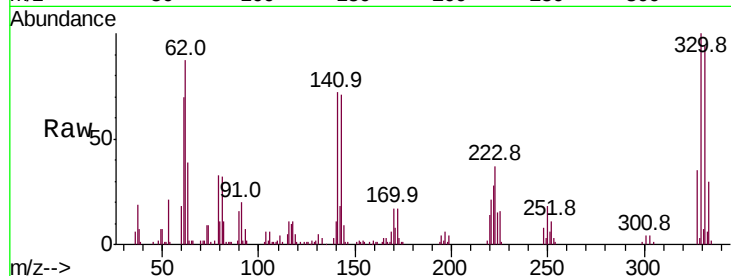




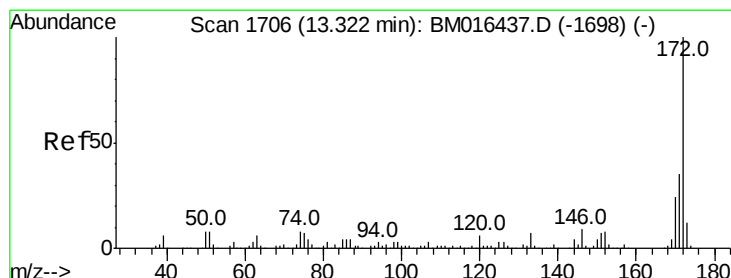
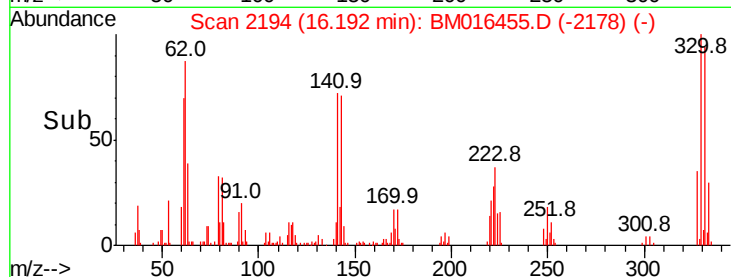
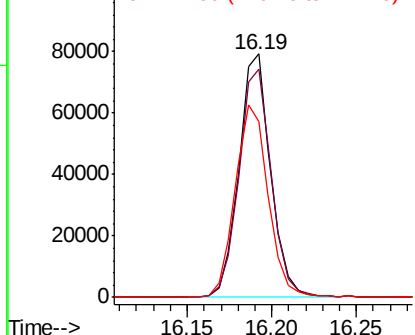
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Instrument :
 BNA_M
 ClientSampled :
 TP-12

Tot Ion:330 Resp: 103504
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 82.4 0.0 0.0#

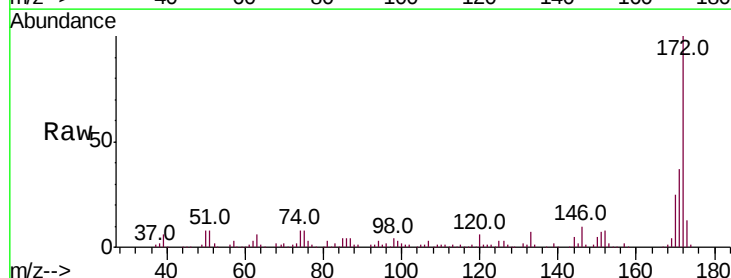


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

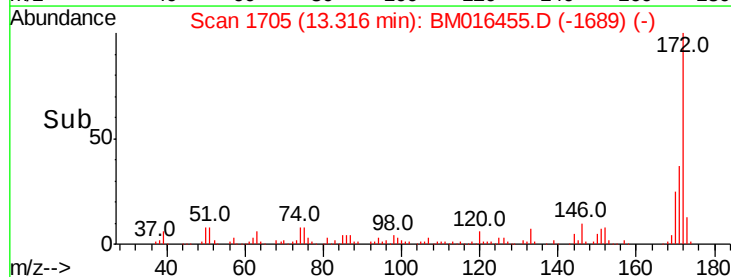
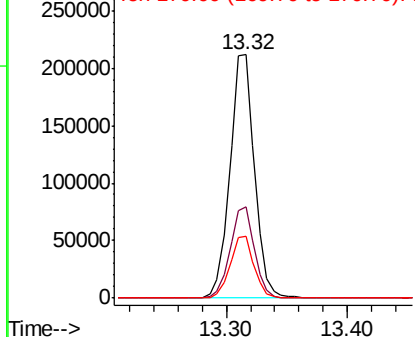


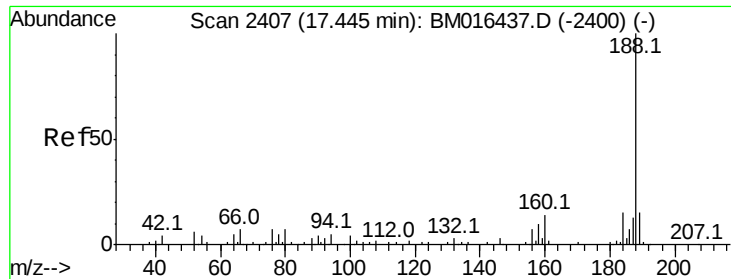
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Tgt Ion:172 Resp: 299918
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.5 42.7
 170 25.2 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

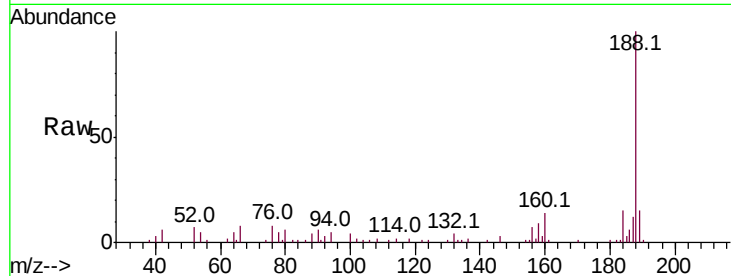




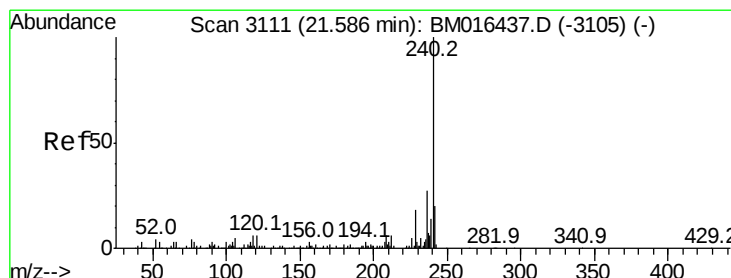
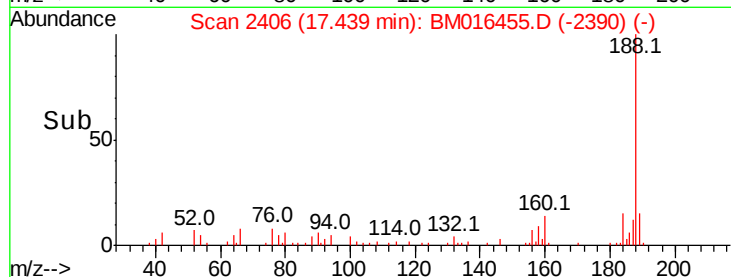
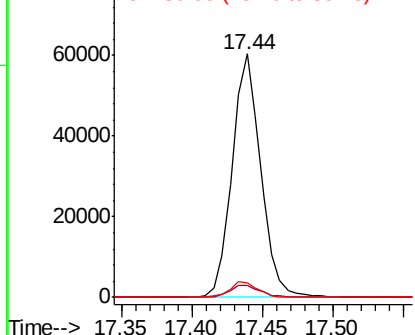
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

Instrument :
BNA_M
ClientSampleId :
TP-12

Tot Ion:188 Resp: 85112
Ion Ratio Lower Upper
188 100
94 4.8 8.7 13.1#
80 5.7 9.3 13.9#

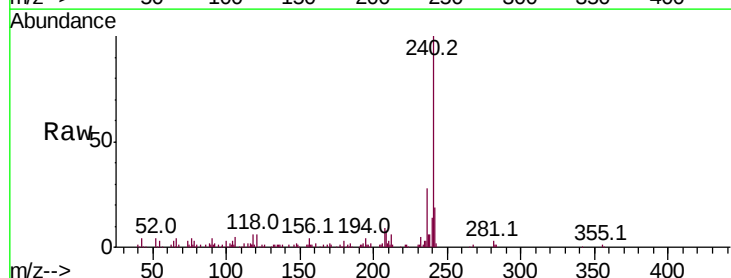


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

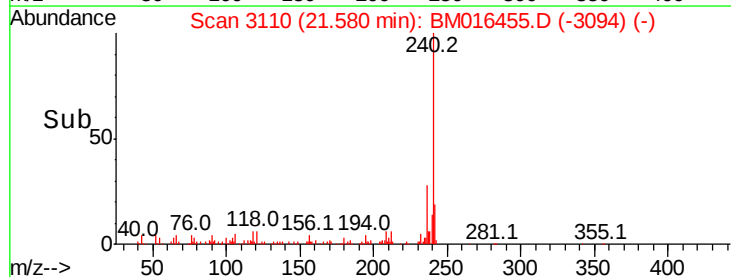
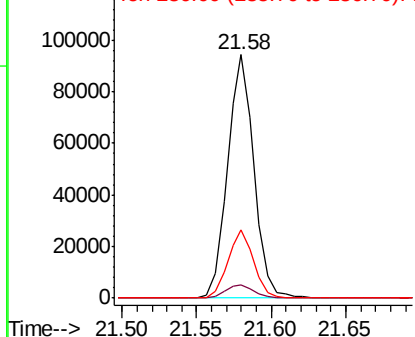


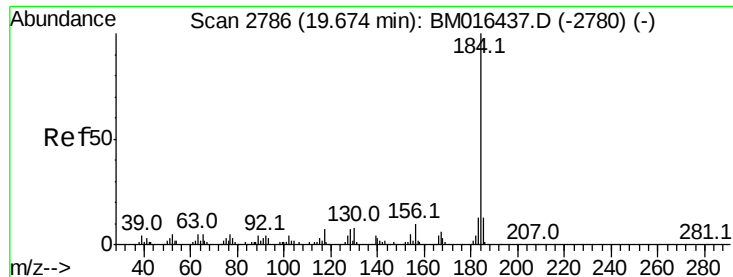
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

Tgt Ion:240 Resp: 116976
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 28.2 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





#76

Benzidine

Concen: 4.790 ng

RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Instrument :

BNA_M

ClientSampleId :

TP-12

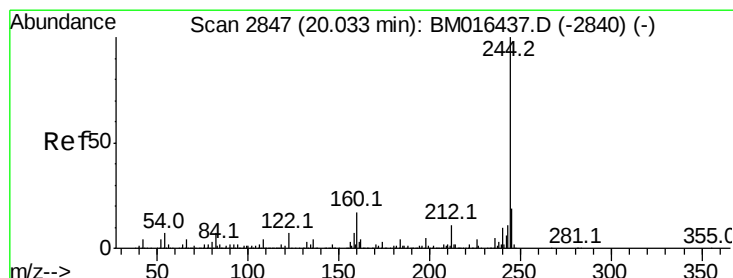
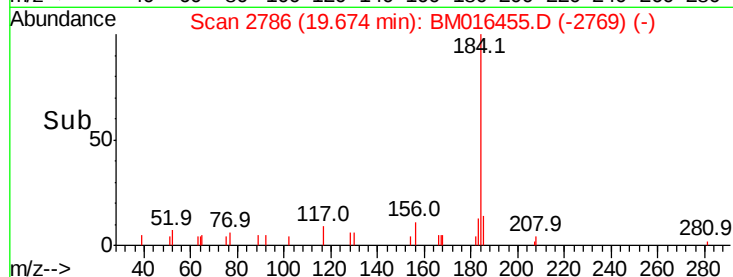
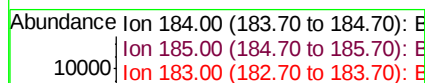
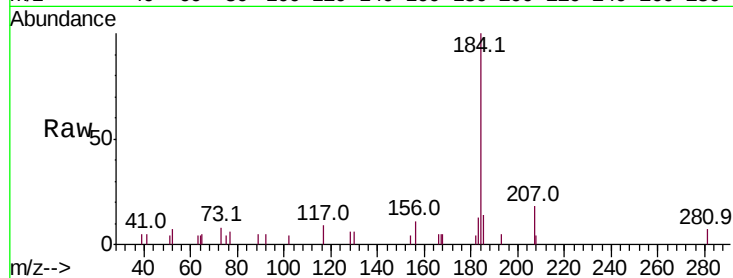
Tot Ion:184 Resp: 12332

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 13.2 8.9 13.3



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

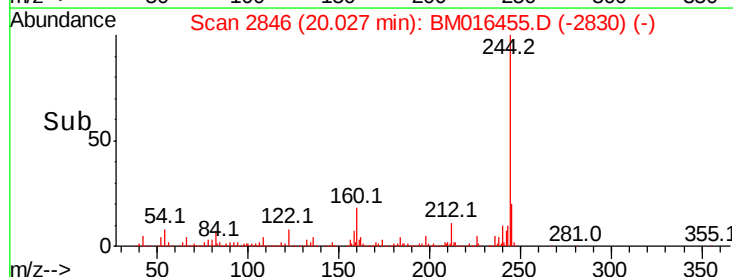
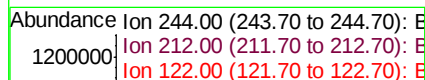
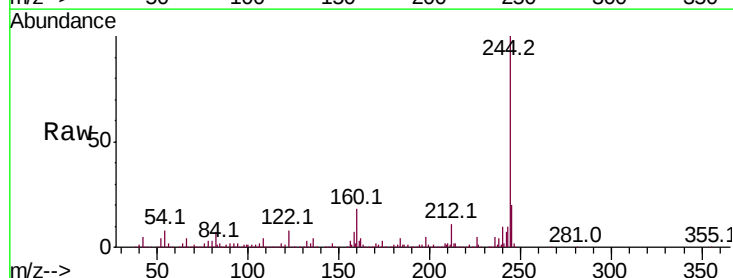
Tgt Ion:244 Resp: 918548

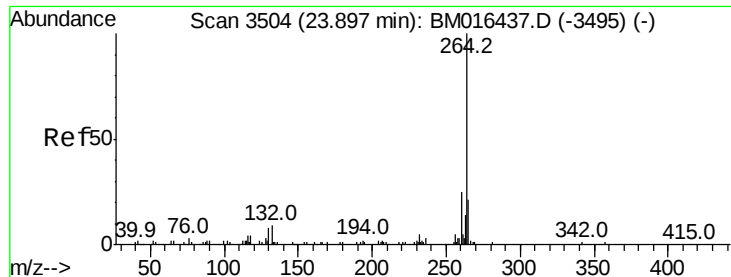
Ion Ratio Lower Upper

244 100

212 10.9 4.9 7.3#

122 7.7 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: BM016455.D
Acq: 18 Aug 2018 01:57

Instrument :
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TP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.1	17.3	25.9

