

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016447.D
 Acq On : 17 Aug 2018 21:05
 Operator : SJ/JU
 Sample : J4282-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-081518-B

Quant Time: Aug 18 02:57:10 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

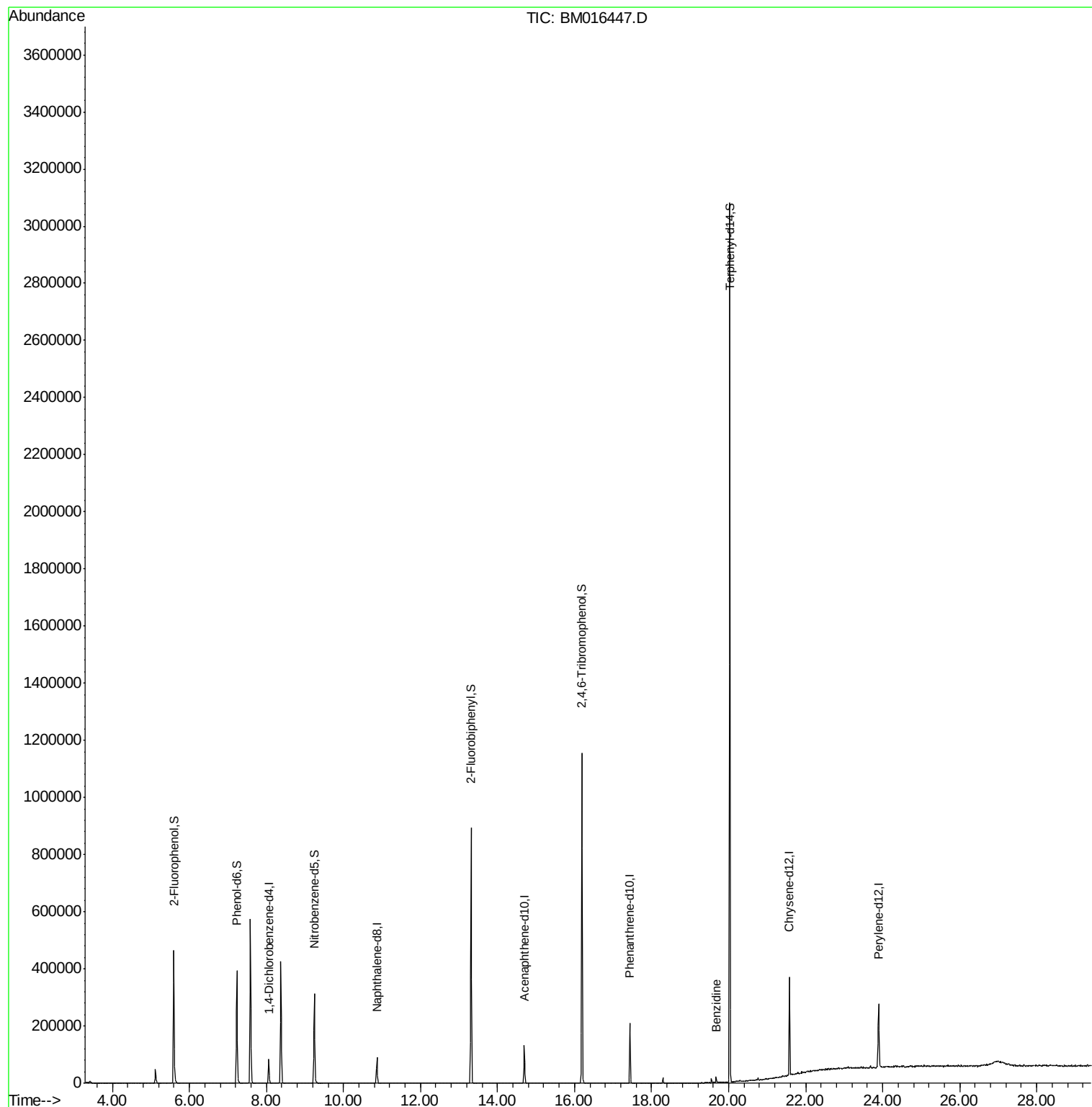
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	53096	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	33884	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	86237	20.00	ng	0.00
75) Chrysene-d12	21.58	240	123023	20.00	ng	0.00
86) Perylene-d12	23.89	264	135492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	126336	148.87	ng	0.00
7) Phenol-d6	7.23	99	125970	110.43	ng	0.00
23) Nitrobenzene-d5	9.25	82	138861	108.92	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	93257	182.22	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	298009	91.45	ng	0.00
78) Terphenyl-d14	20.03	244	934479	114.81	ng	0.00
Target Compounds						
76) Benzidine	19.67	184	13026	4.811	ng	Qvalue 97

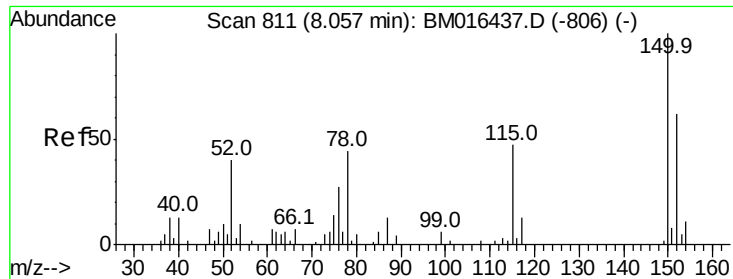
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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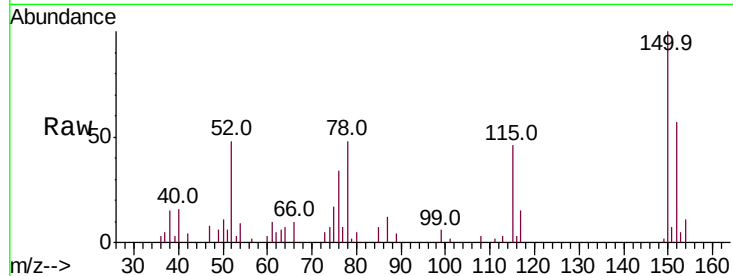


#1

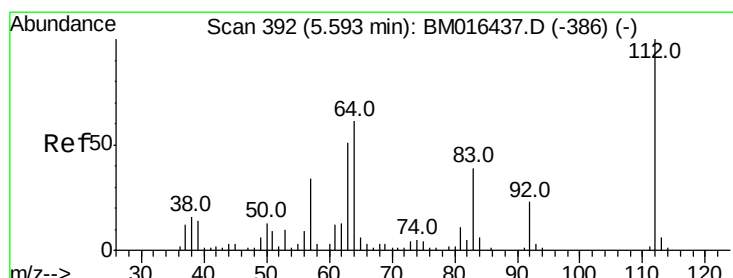
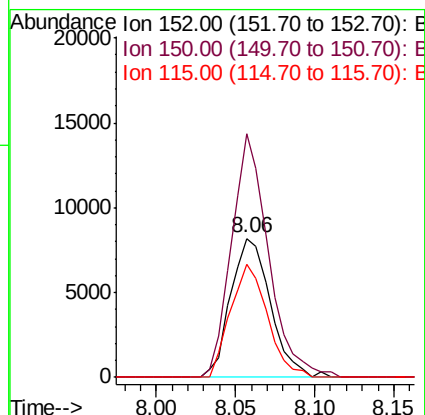
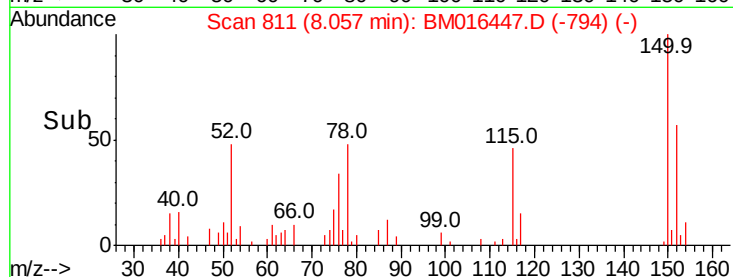
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-081518-B

Tot Ion:152 Resp: 14262
 Ion Ratio Lower Upper
 152 100
 150 175.2 119.5 179.3
 115 81.5 43.0 64.4#



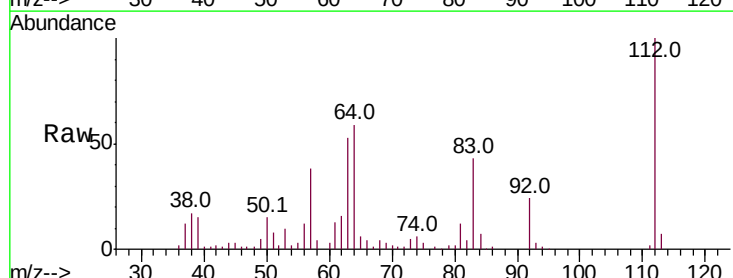
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



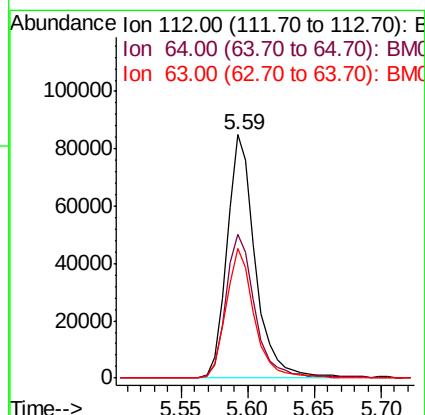
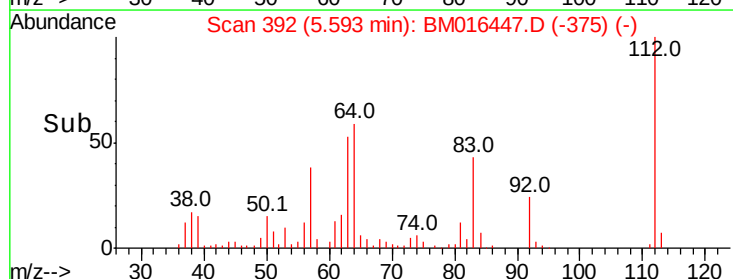
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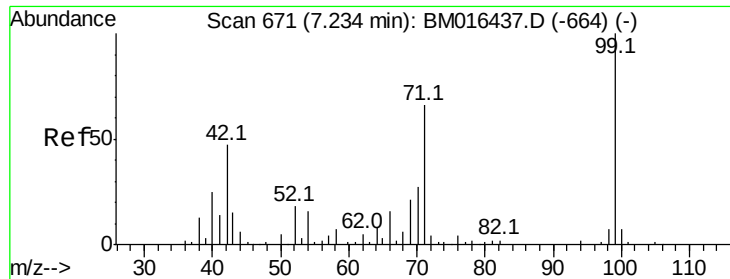
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Tgt Ion:112 Resp: 126336
 Ion Ratio Lower Upper
 112 100
 64 59.3 38.6 57.8#
 63 53.1 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: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM016447.D

Acq: 17 Aug 2018 21:05

Instrument :

BNA_M

ClientSampleId :

SU-01-081518-B

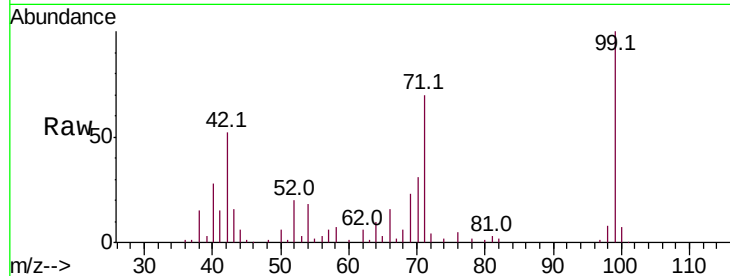
Tot Ion: 99 Resp: 125970

Ion Ratio Lower Upper

99 100

42 52.3 11.0 16.4#

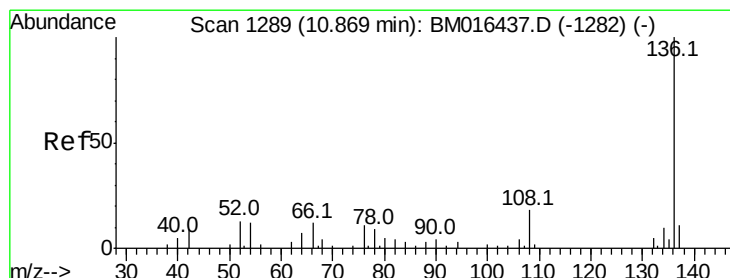
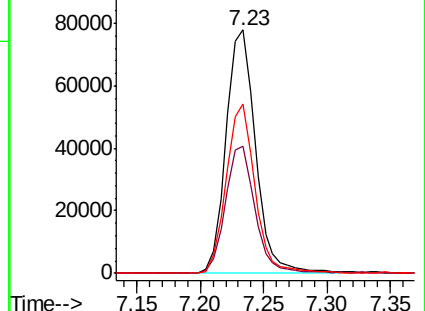
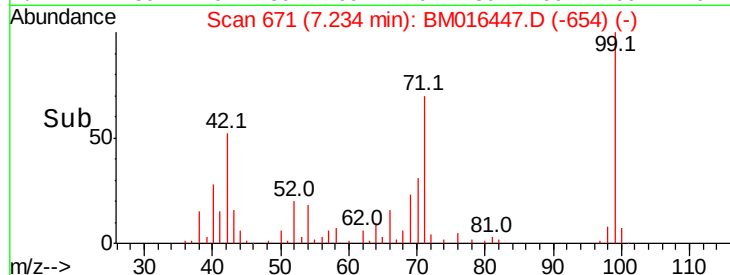
71 69.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016447.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016447.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016447.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM016447.D

Acq: 17 Aug 2018 21:05

Tgt Ion: 136 Resp: 53096

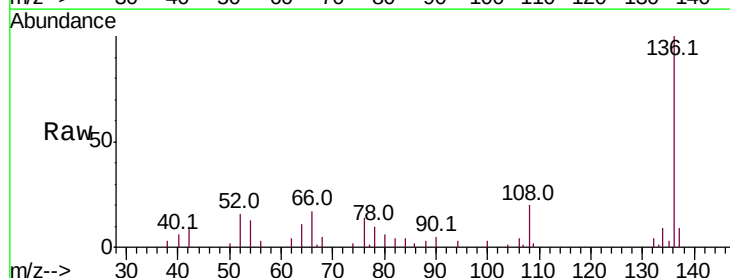
Ion Ratio Lower Upper

136 100

137 9.4 8.7 13.1

54 12.6 4.6 6.8#

68 4.6 3.7 5.5

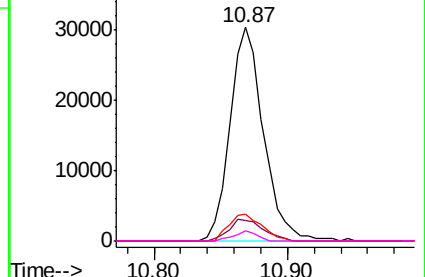
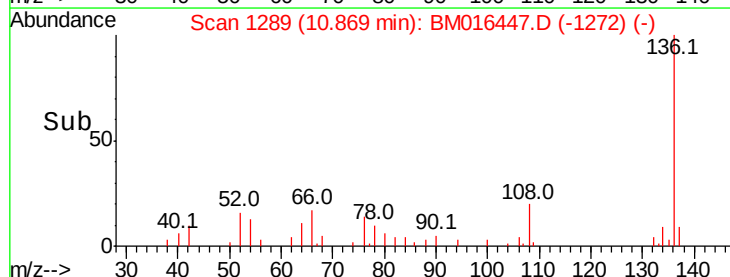


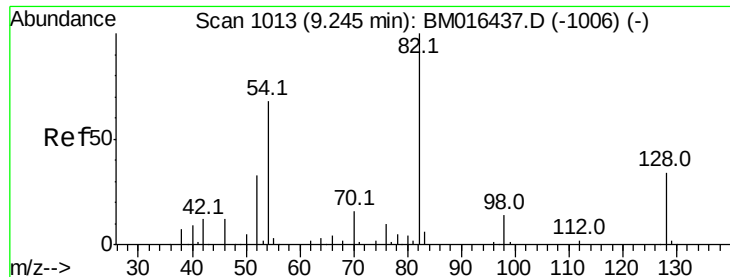
Abundance Ion 136.00 (135.70 to 136.70): BM016447.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016447.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016447.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016447.D (-1272) (-)

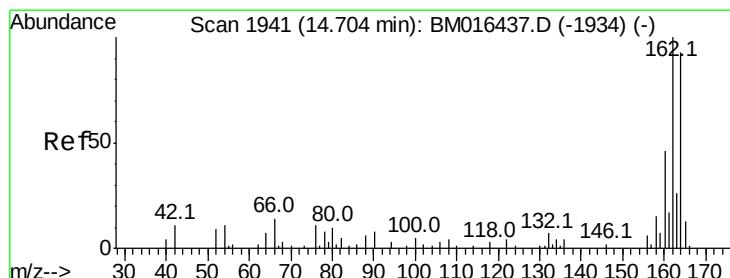
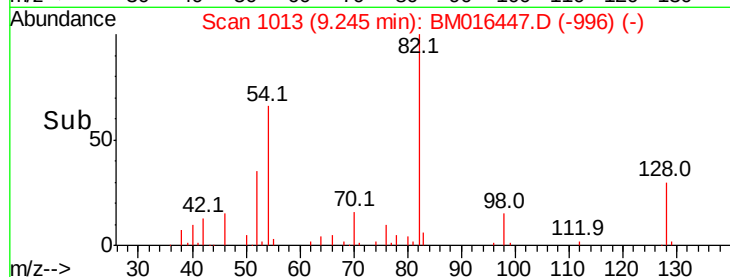
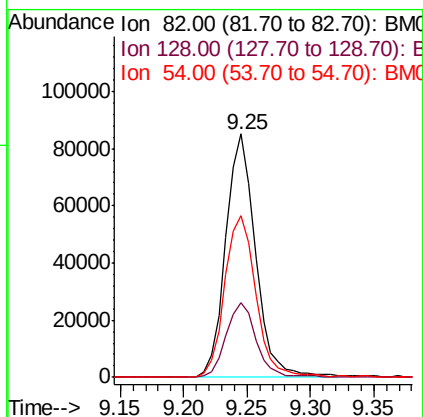
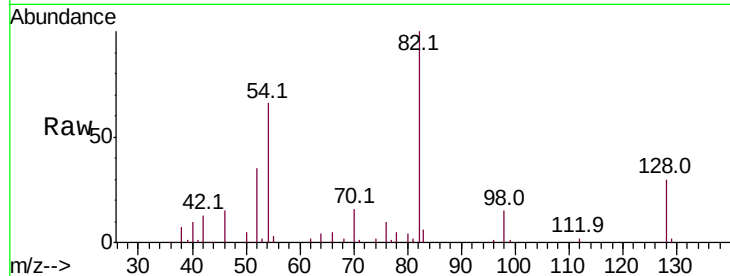




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

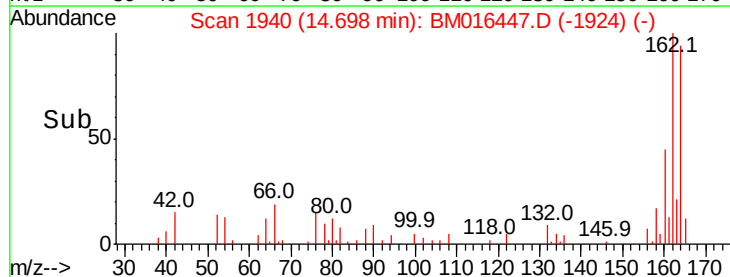
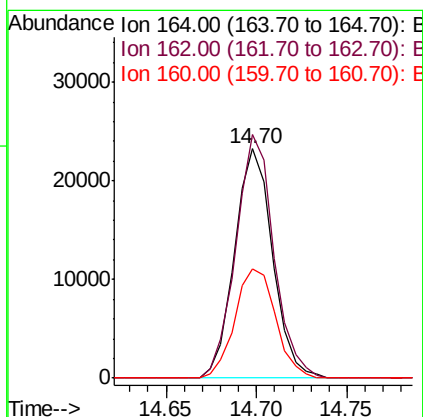
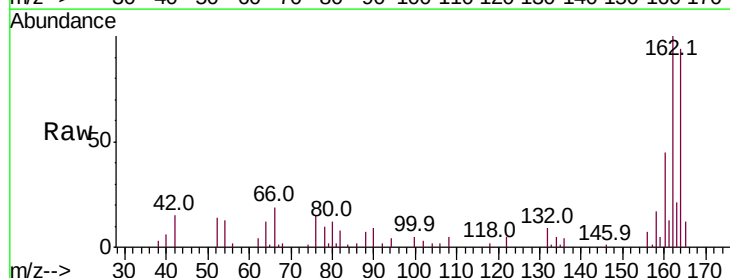
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-081518-B

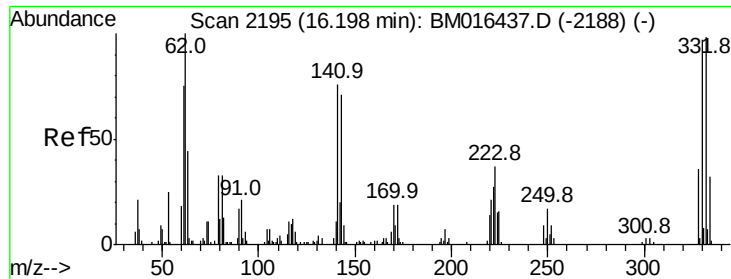
Tot Ion: 82 Resp: 138861
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 66.2 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Tgt Ion: 164 Resp: 33884
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 47.9 35.8 53.6

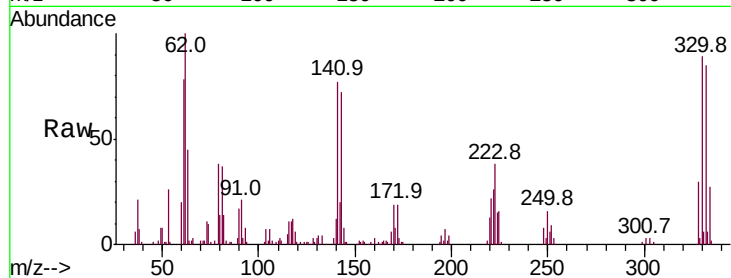




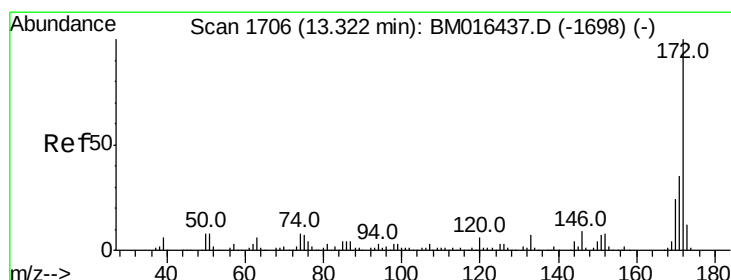
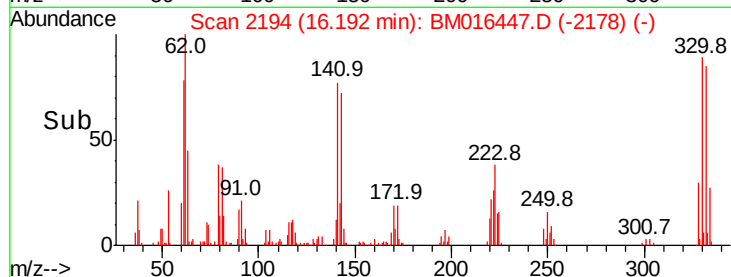
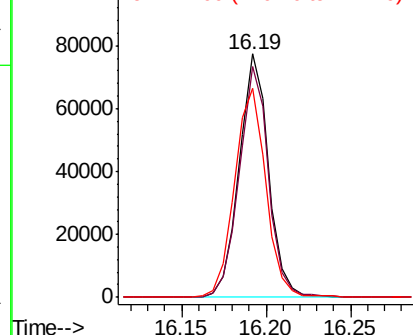
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-081518-B

Tot Ion:330 Resp: 93257
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 91.8 0.0 0.0#

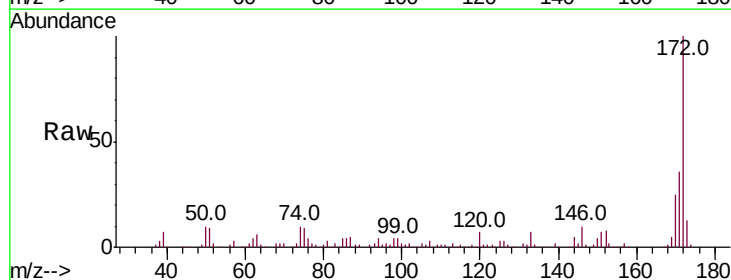


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

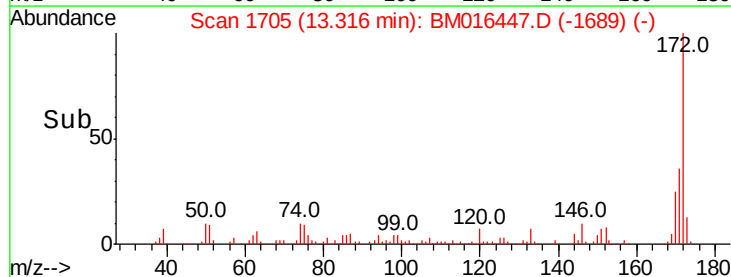
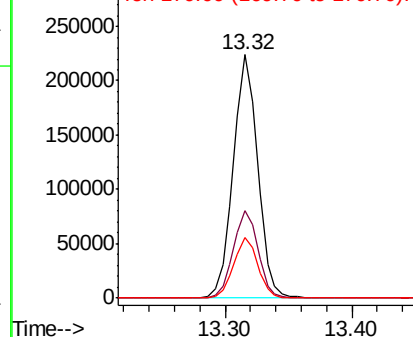


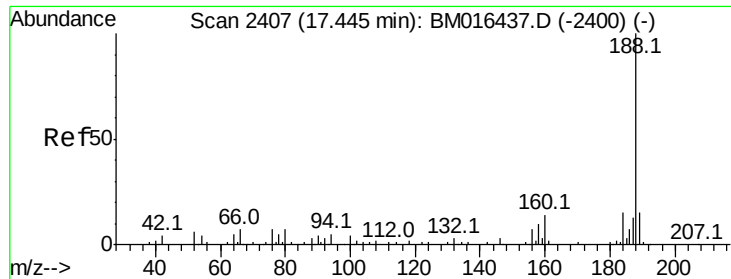
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Tgt Ion:172 Resp: 298009
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.9 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

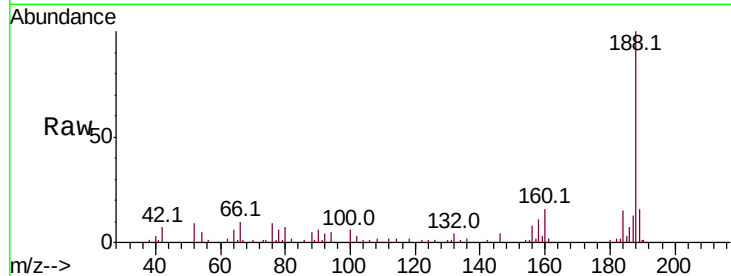




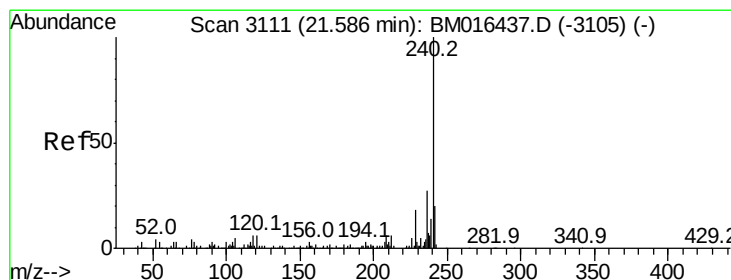
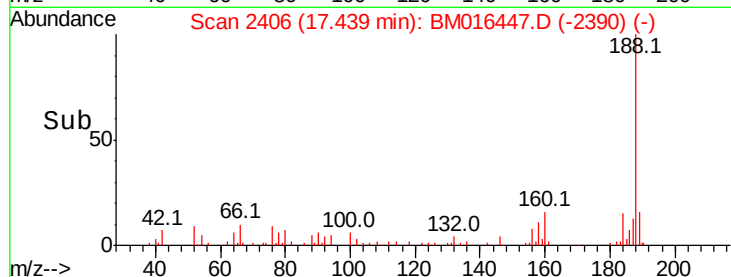
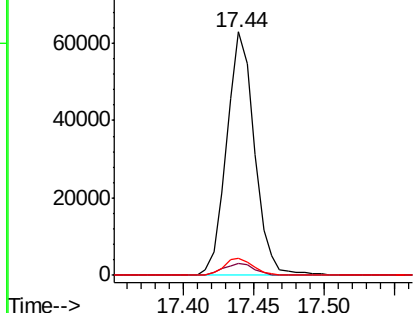
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tot Ion:188 Resp: 86237
Ion Ratio Lower Upper
188 100
94 5.1 8.7 13.1#
80 6.9 9.3 13.9#

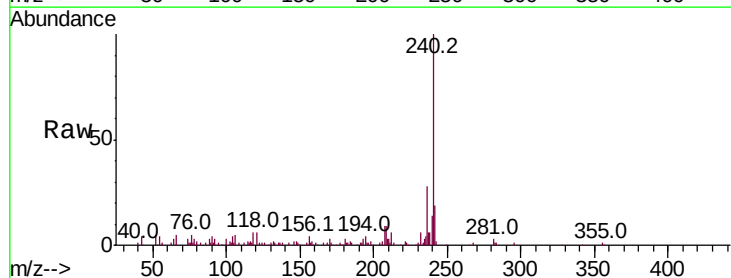


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

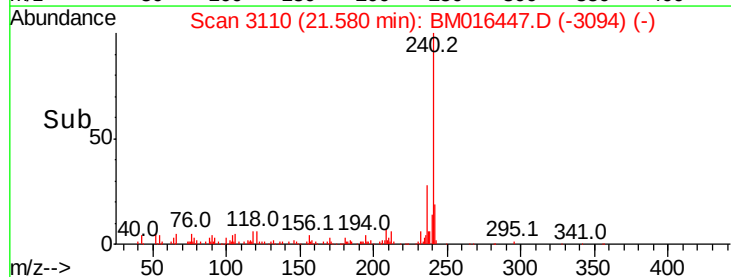
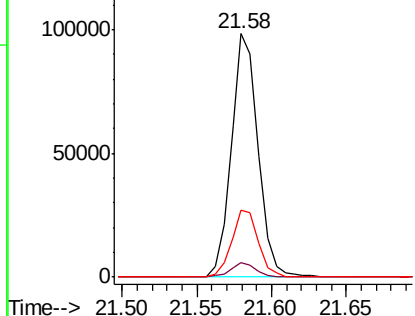


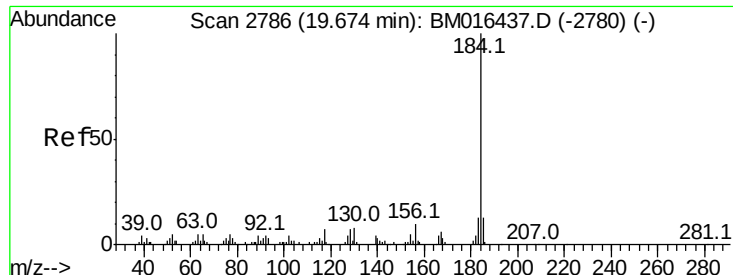
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:240 Resp: 123023
Ion Ratio Lower Upper
240 100
120 6.0 8.2 12.2#
236 27.6 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: 4.811 ng

RT: 19.67 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM016447.D

Acq: 17 Aug 2018 21:05

Instrument :

BNA_M

ClientSampleId :

SU-01-081518-B

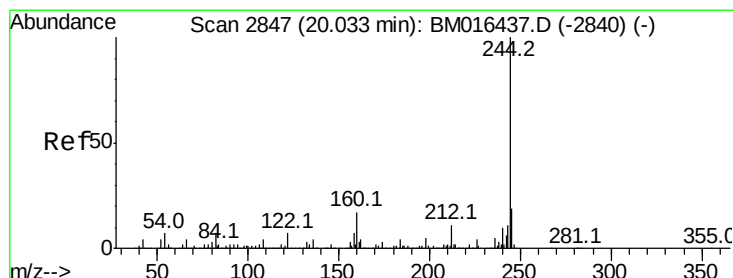
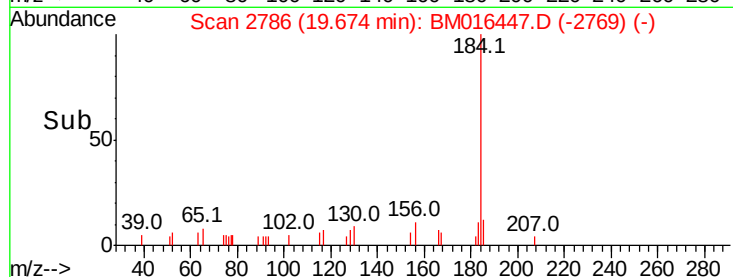
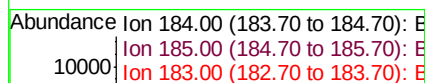
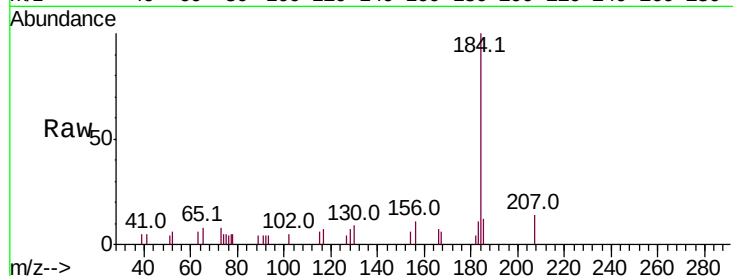
Tot Ion:184 Resp: 13026

Ion Ratio Lower Upper

184 100

185 12.3 11.3 16.9

183 11.2 8.9 13.3



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BM016447.D

Acq: 17 Aug 2018 21:05

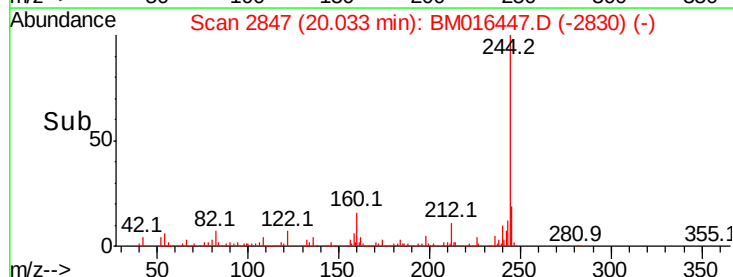
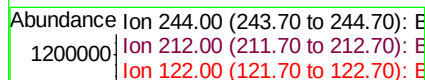
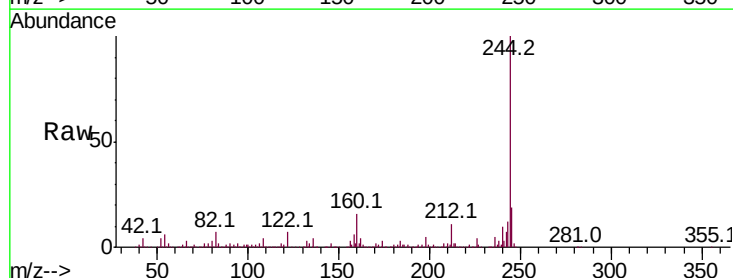
Tgt Ion:244 Resp: 934479

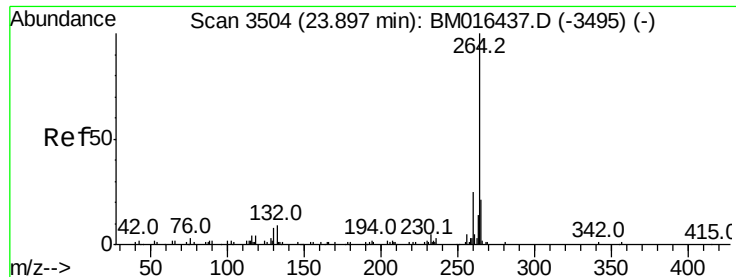
Ion Ratio Lower Upper

244 100

212 10.6 4.9 7.3#

122 6.7 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BM016447.D
 Acq: 17 Aug 2018 21:05

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-081518-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	23.6	17.3	25.9

