

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016550.D
 Acq On : 23 Aug 2018 11:28
 Operator : SJ/JU
 Sample : J4573-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T25-COMP

Quant Time: Aug 23 13:11:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

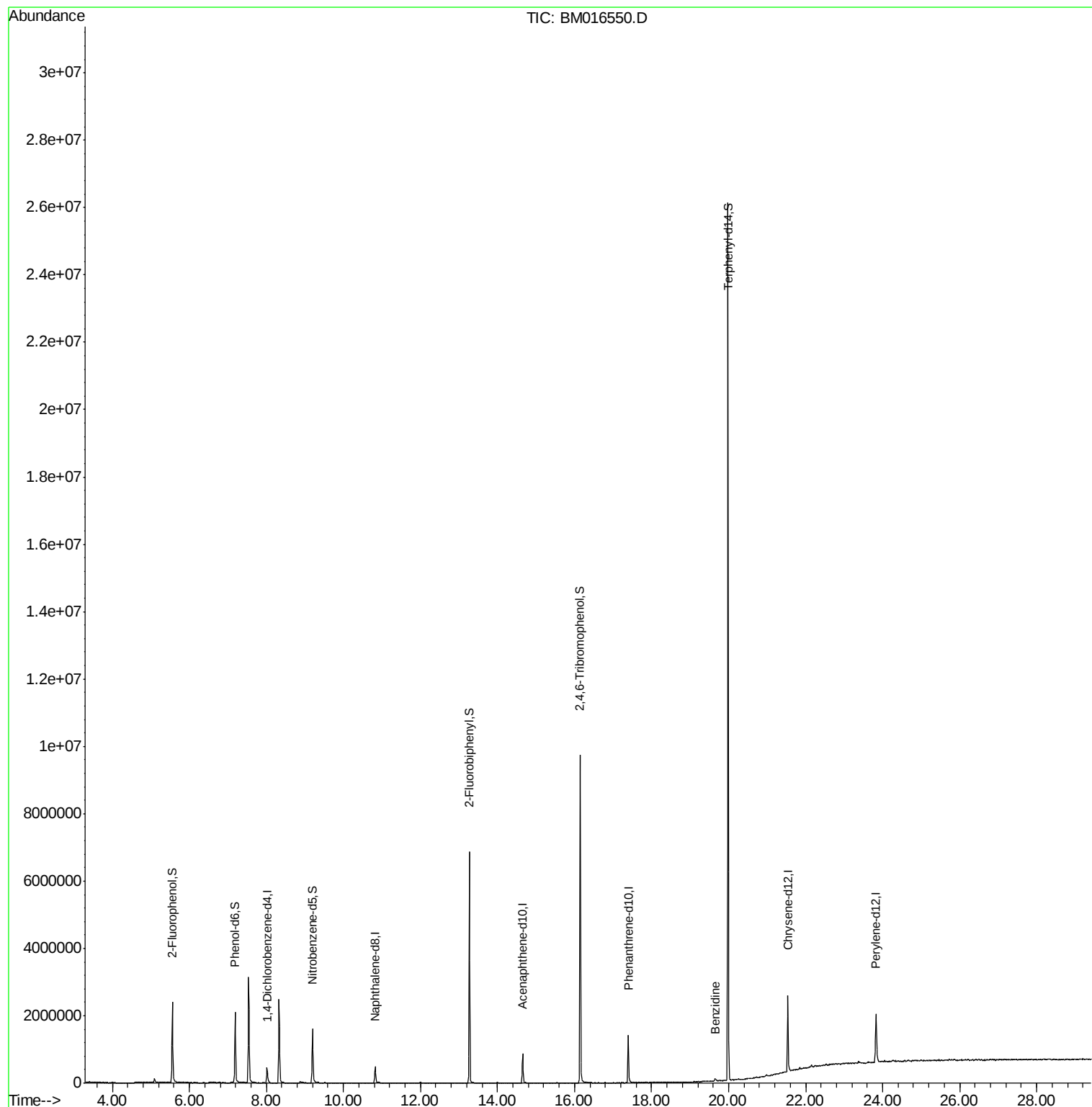
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	111489	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	333201	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	246544	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	831168	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1086528	20.00	ng	0.00
86) Perylene-d12	23.83	264	1209225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	783403	137.69	ng	0.00
7) Phenol-d6	7.19	99	854567	113.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	901065	123.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1619077	234.92	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3078871	120.04	ng	-0.01
78) Terphenyl-d14	19.99	244	9504640	185.15	ng	-0.01
Target Compounds						
76) Benzidine	19.64	184	61140	2.926	ng	Qvalue # 93

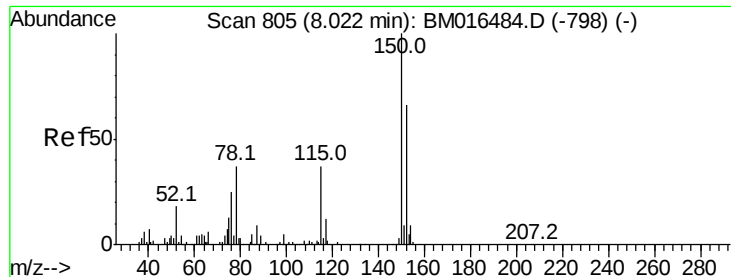
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



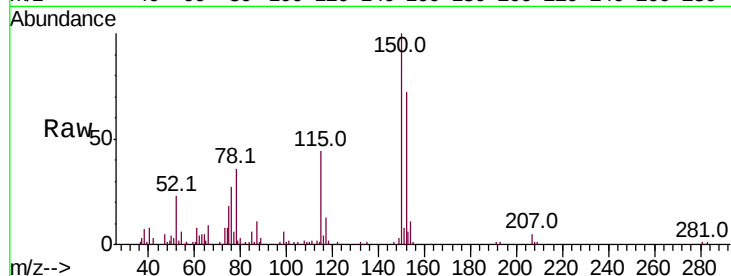


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :
T25-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	61.5	43.0	64.4

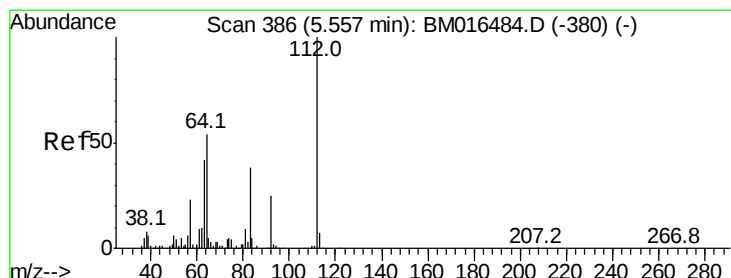
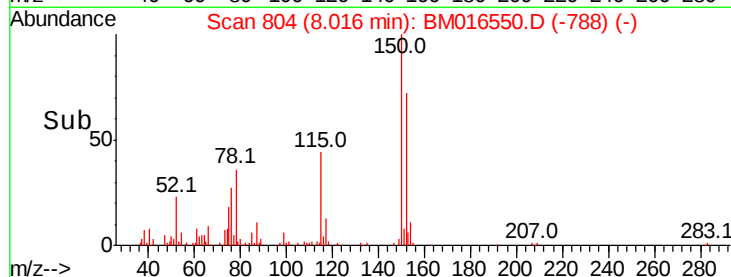
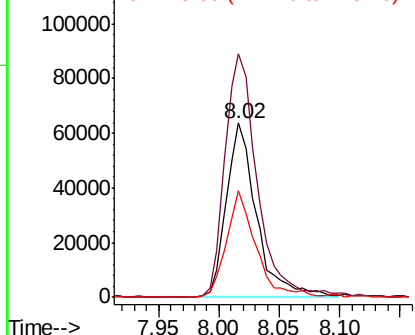


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

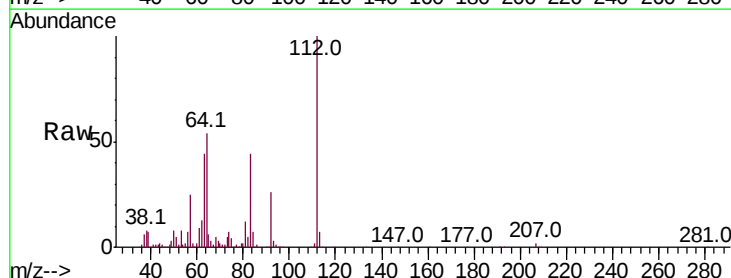
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.695 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	38.6	57.8
63	44.0	19.3	28.9

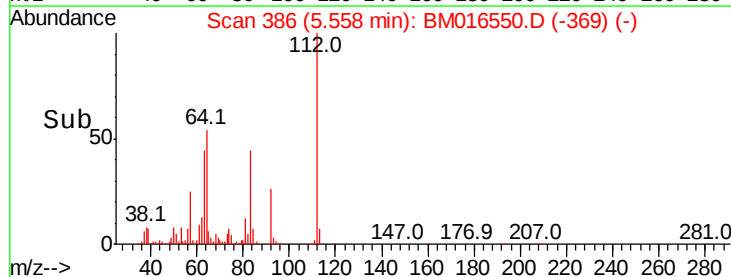
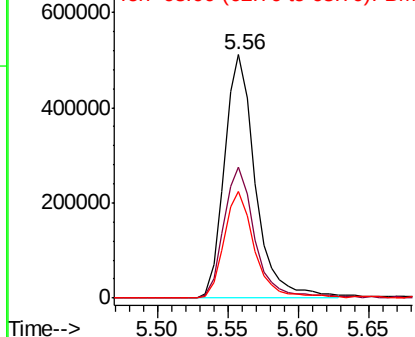


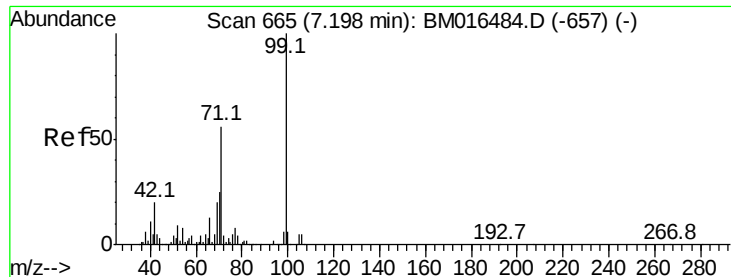
Abundance

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: 113.508 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Instrument :

BNA_M

ClientSampleId :

T25-COMP

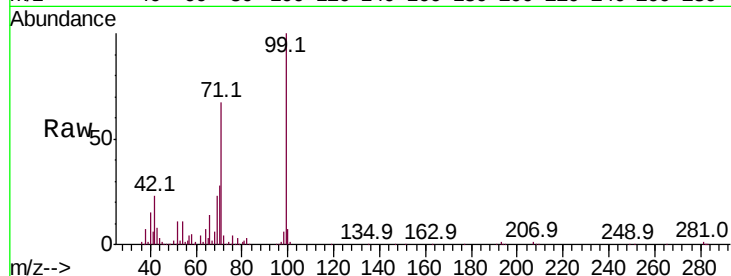
Tot Ion: 99 Resp: 854567

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

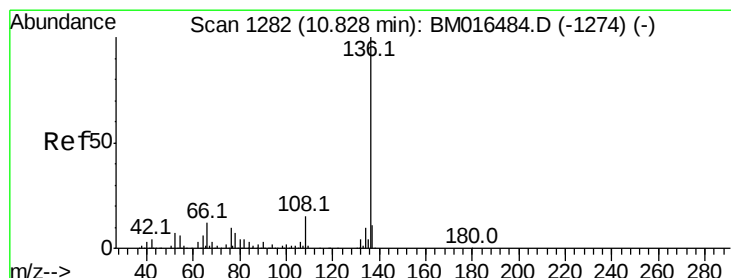
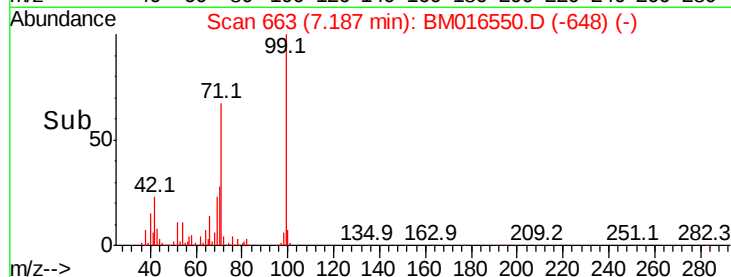
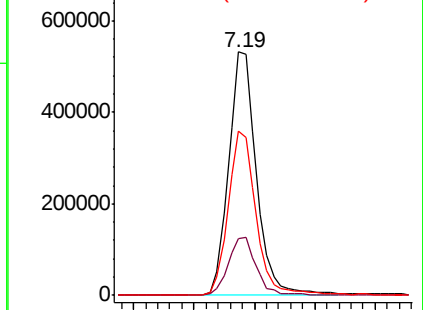
71 67.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Tgt Ion: 136 Resp: 333201

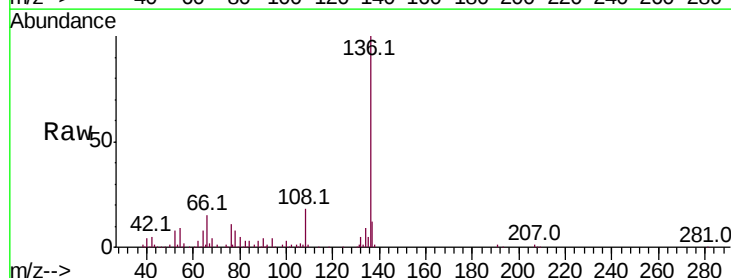
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 9.2 4.6 6.8#

68 3.8 3.7 5.5

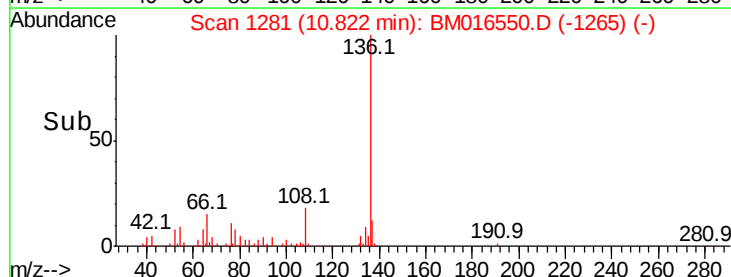
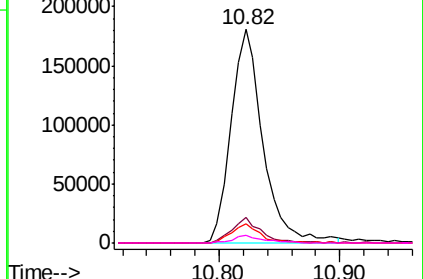


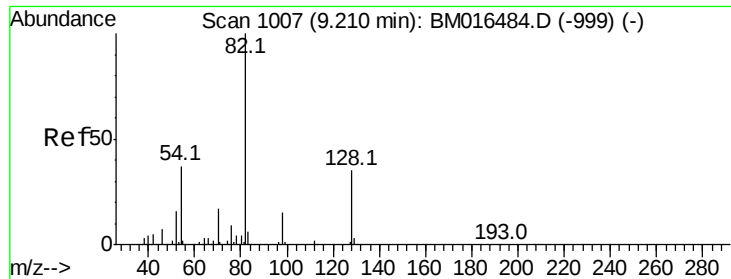
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

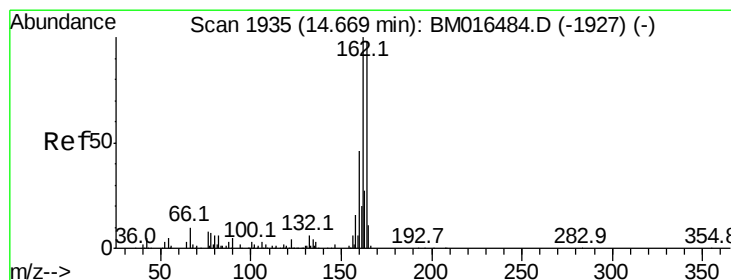
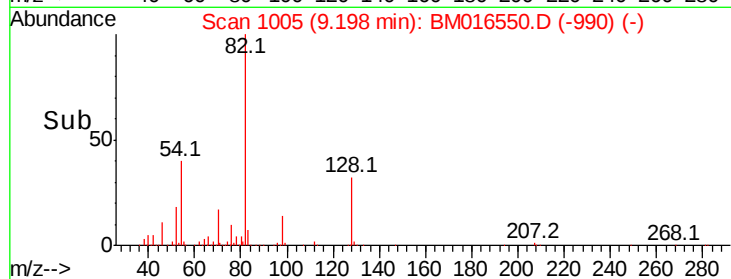
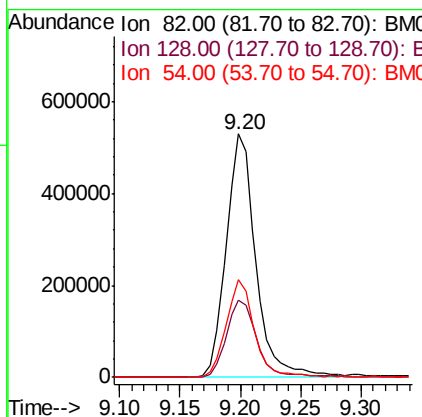
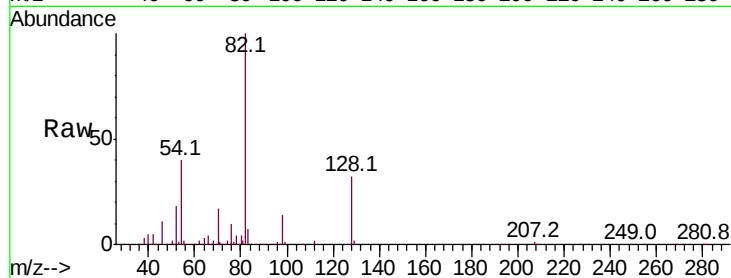




#23
 Nitrobenzene-d5
 Concen: 123.474 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

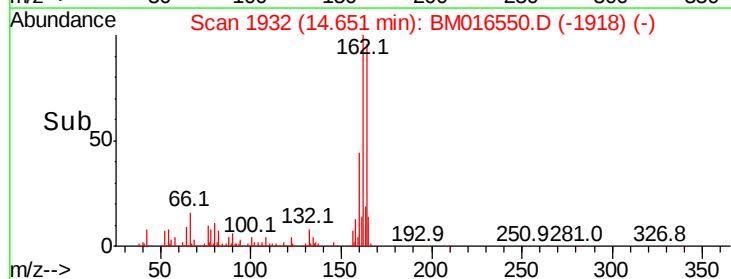
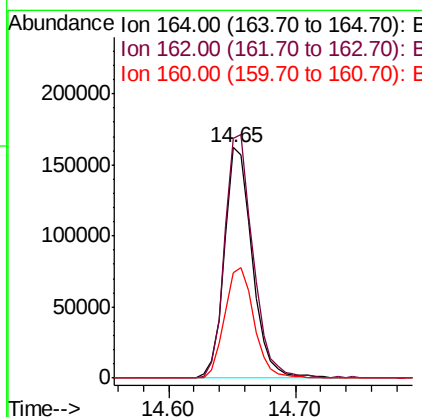
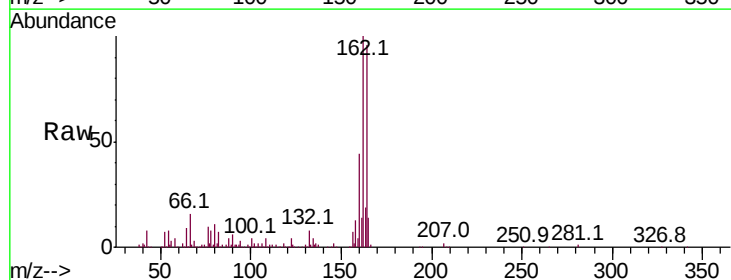
Instrument :
 BNA_M
 ClientSampleId :
 T25-COMP

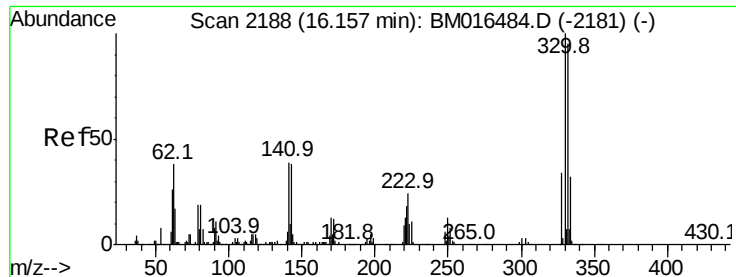
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	40.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	45.6	35.8	53.6

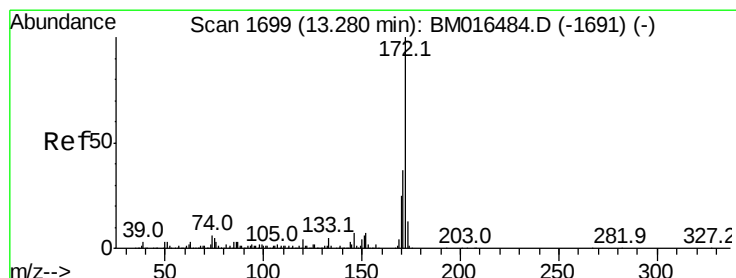
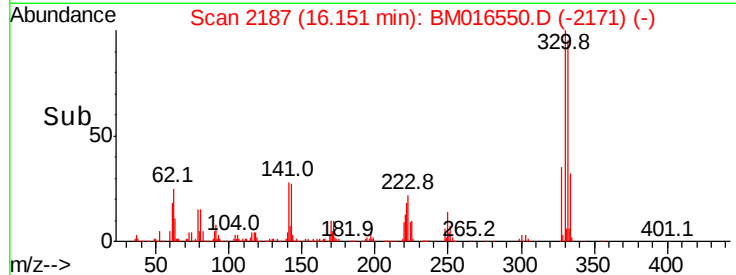
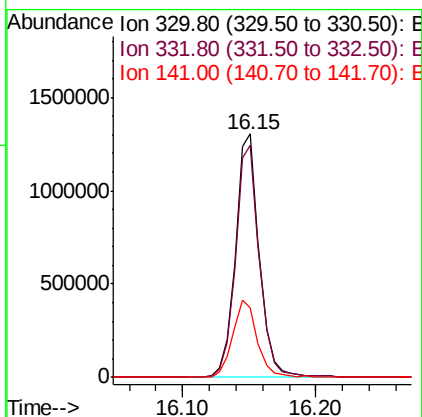
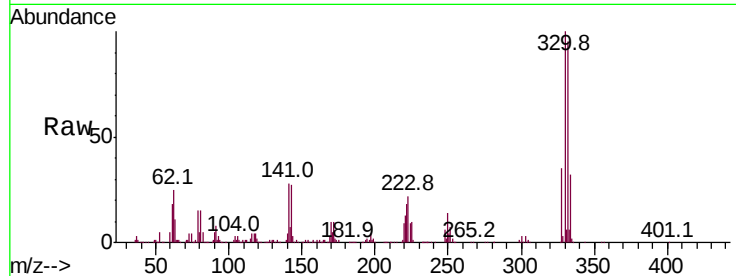




#41
 2,4,6-Tribromophenol
 Concen: 234.923 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

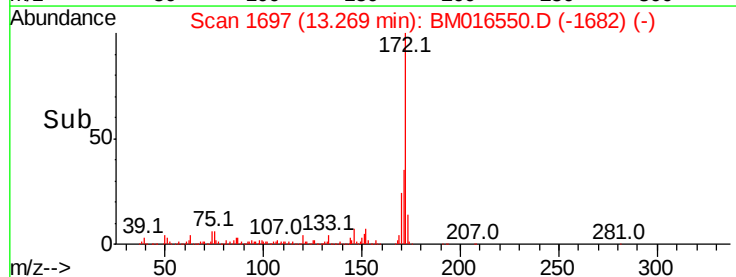
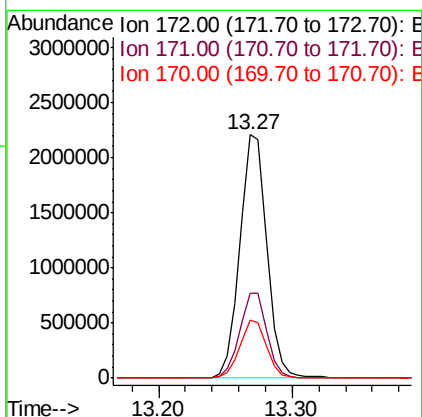
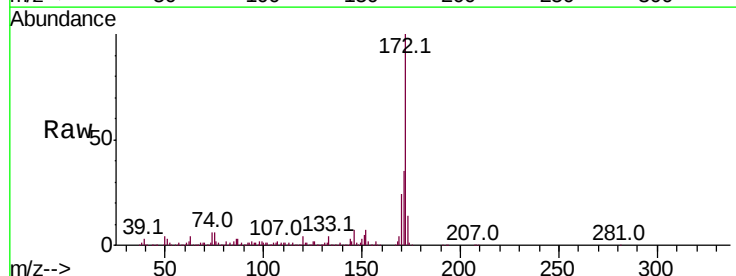
Instrument :
 BNA_M
 ClientSampleId :
 T25-COMP

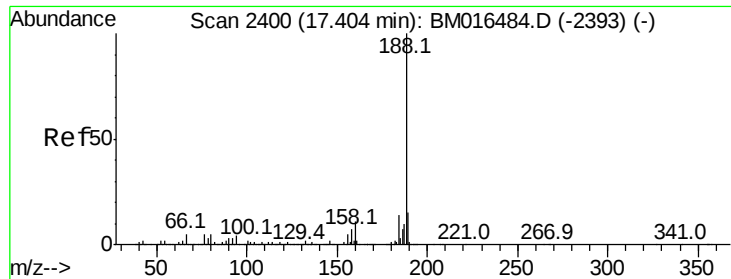
Tot Ion:330 Resp: 1619077
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 32.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 120.039 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:172 Resp: 3078871
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.7 18.8 28.2

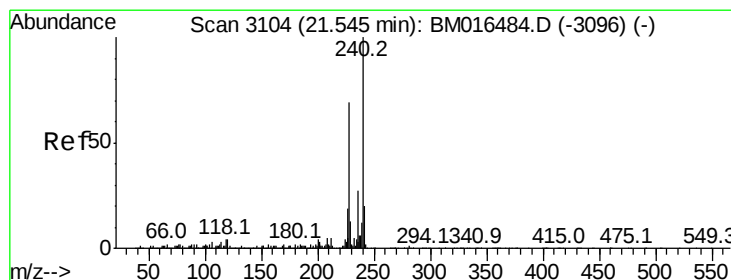
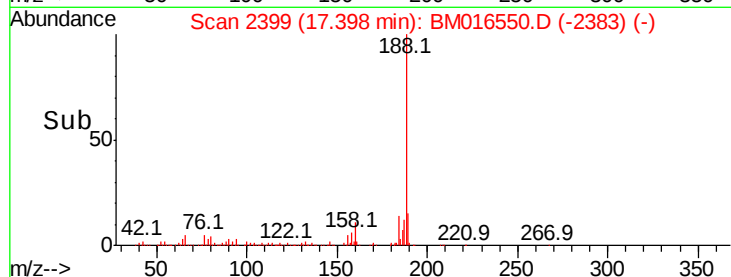
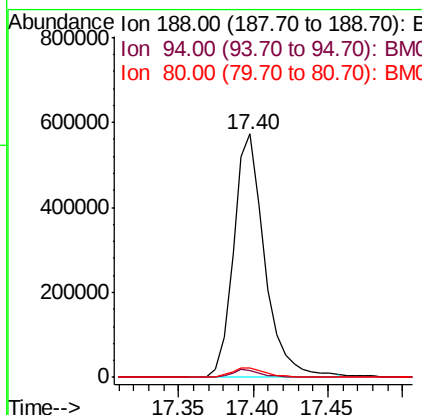
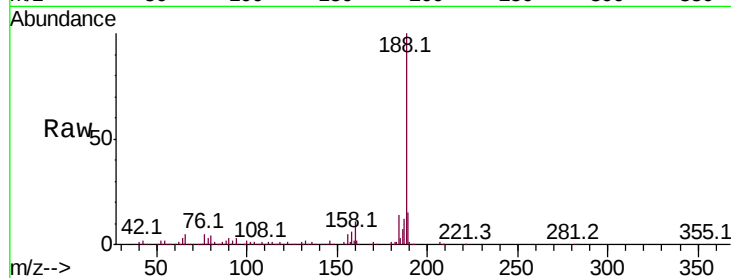




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

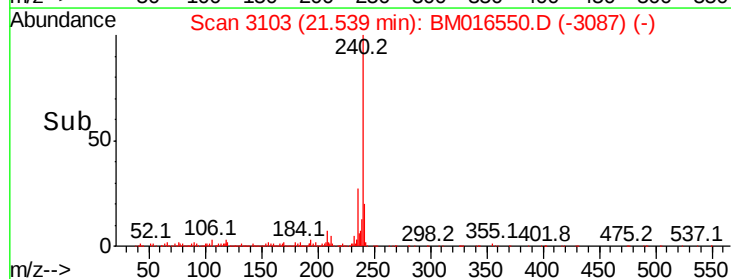
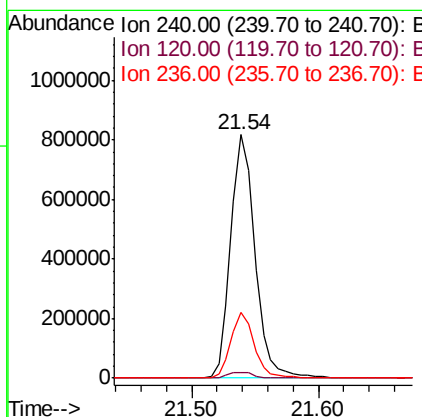
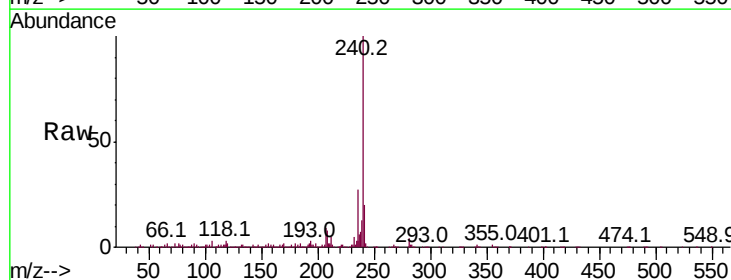
Instrument :
BNA_M
ClientSampleId :
T25-COMP

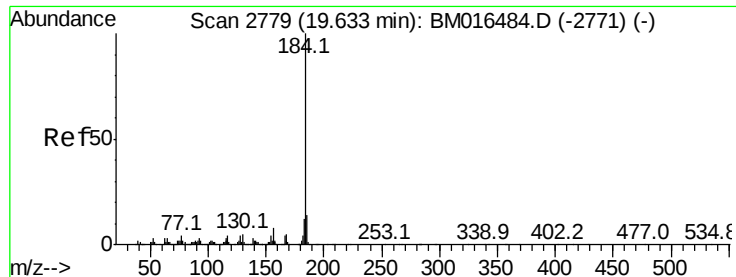
Tot Ion:188 Resp: 831168
Ion Ratio Lower Upper
188 100
94 2.6 8.7 13.1#
80 4.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:240 Resp: 1086528
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 26.8 20.0 30.0





#76

Benzidine

Concen: 2.926 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Instrument :

BNA_M

ClientSampleId :

T25-COMP

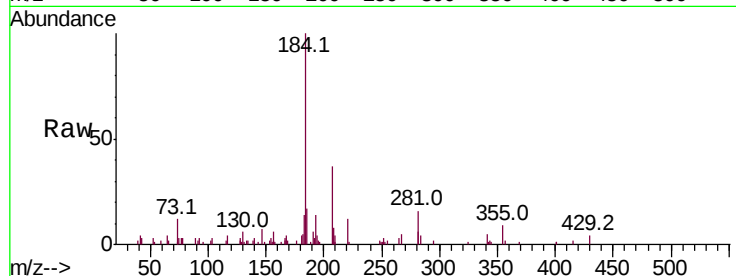
Tot Ion:184 Resp: 61140

Ion Ratio Lower Upper

184 100

185 16.9 11.3 16.9

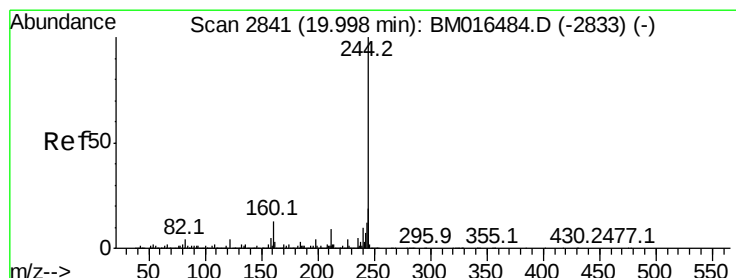
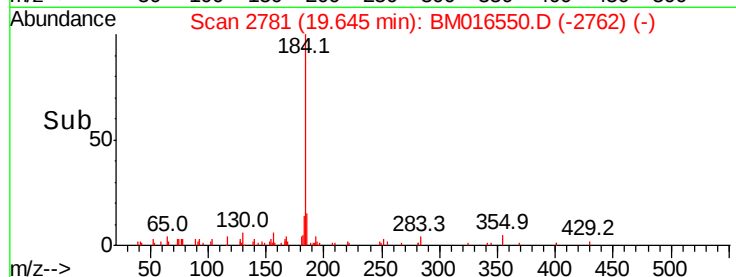
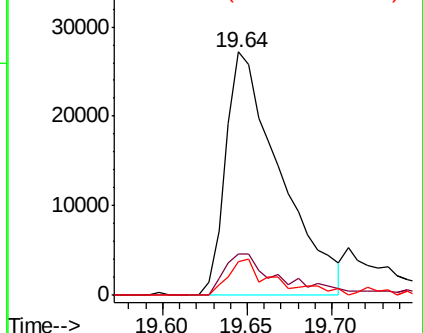
183 14.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 185.152 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

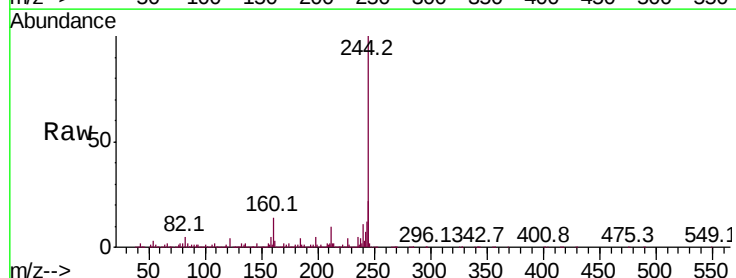
Tgt Ion:244 Resp: 9504640

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

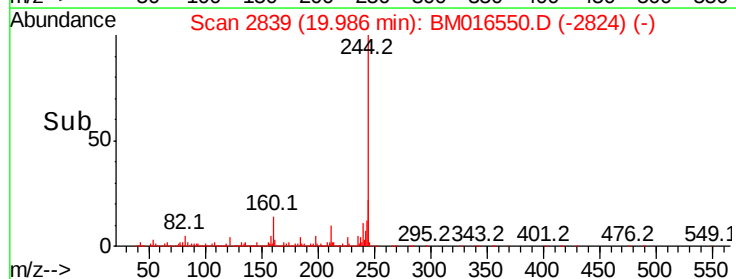
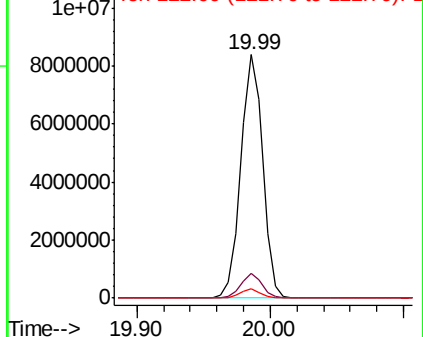
122 3.6 6.2 9.4#

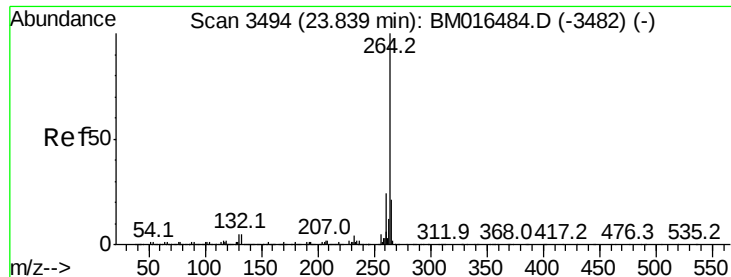


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



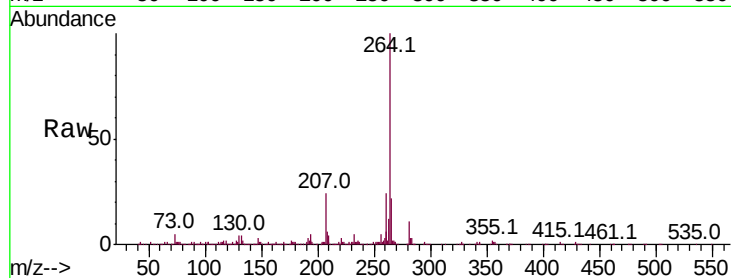


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampleId :
T25-COMP

Tot Ion:264 Resp: 1209225

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.7	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

