

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016526.D
 Acq On : 22 Aug 2018 19:45
 Operator : SJ/JU
 Sample : J4573-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T27-COMP

Quant Time: Aug 23 03:42:10 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	113855	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	341133	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	251363	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	827359	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1074714	20.00	ng	0.00
86) Perylene-d12	23.83	264	1226433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	825140	142.02	ng	0.00
7) Phenol-d6	7.19	99	873354	113.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	864151	115.66	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1454859	207.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2959887	113.19	ng	0.00
78) Terphenyl-d14	19.99	244	8490775	167.22	ng	0.00

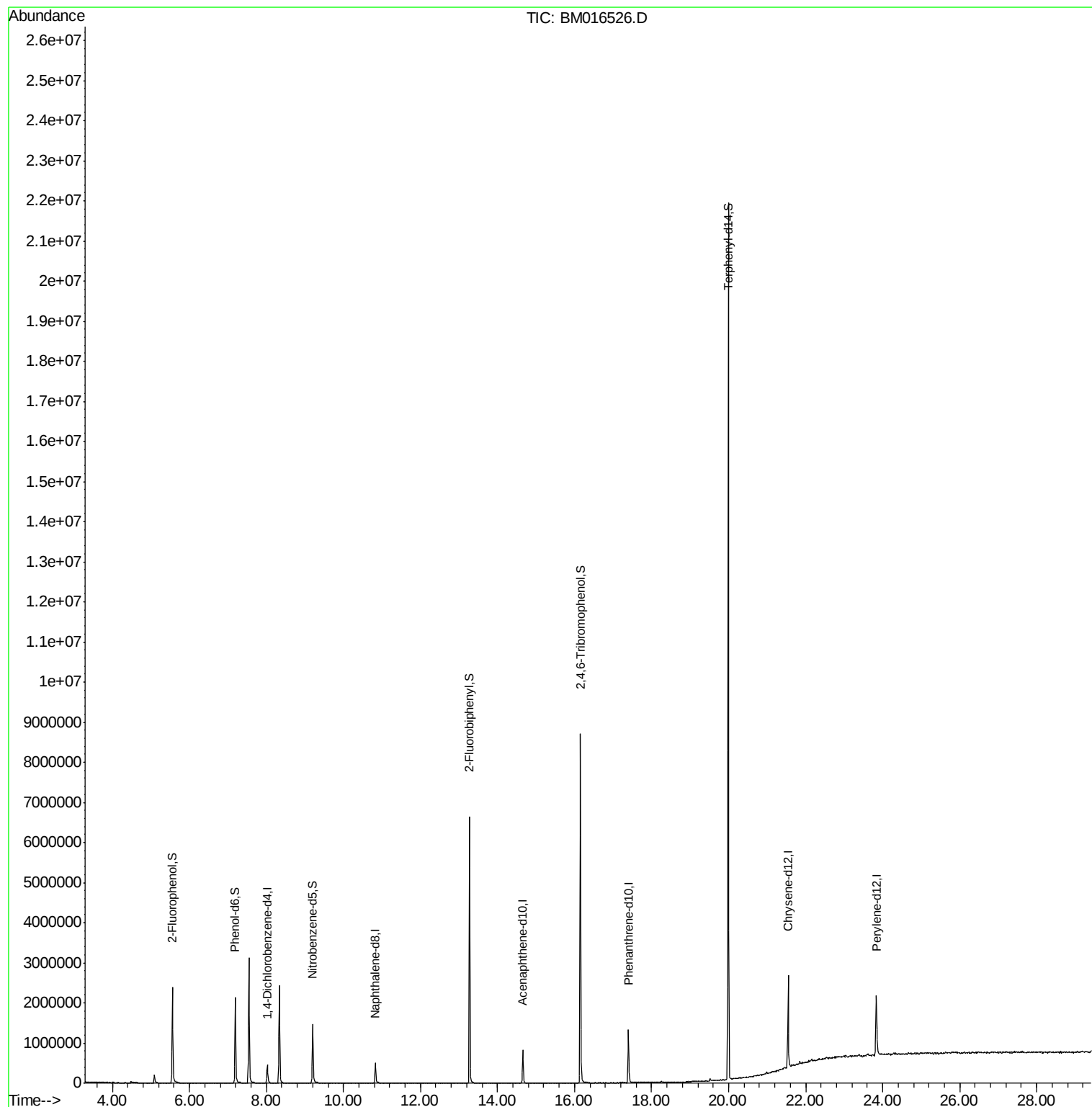
Target Compounds Qvalue

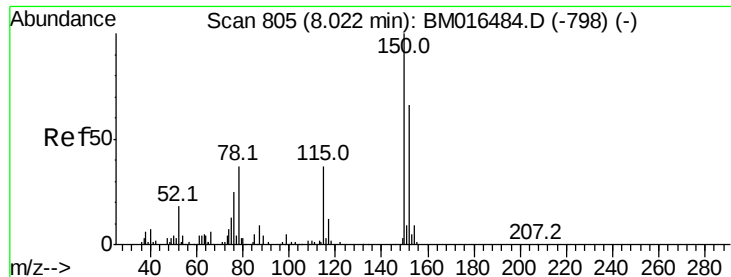
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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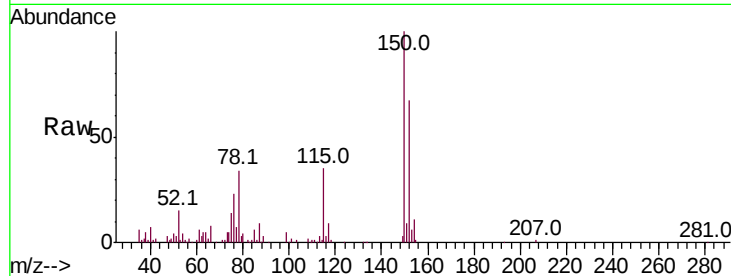


#1

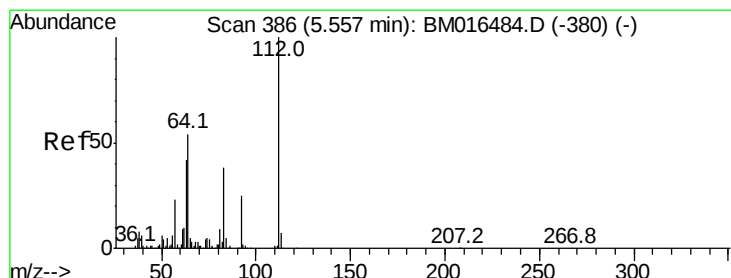
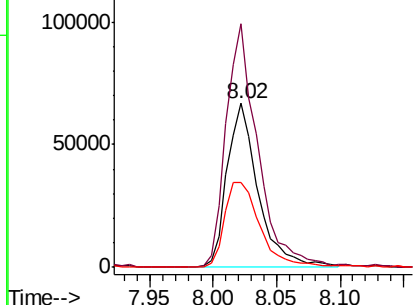
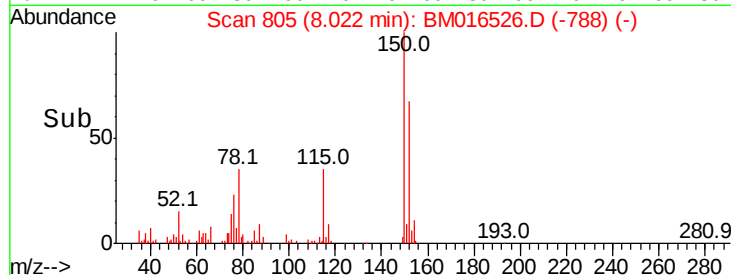
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016526.D
Acq: 22 Aug 2018 19:45

Instrument :
BNA_M
ClientSampled :
T27-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	52.2	43.0	64.4



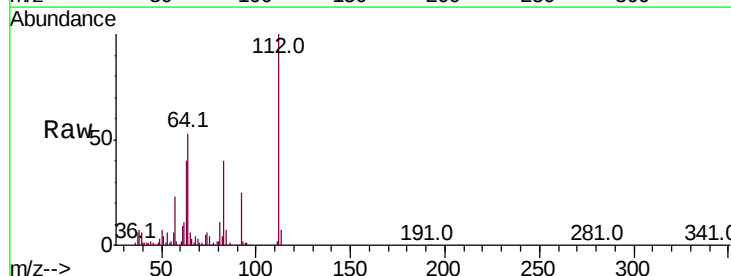
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



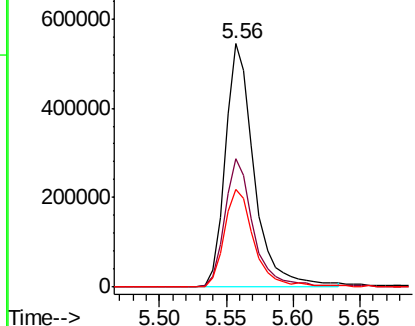
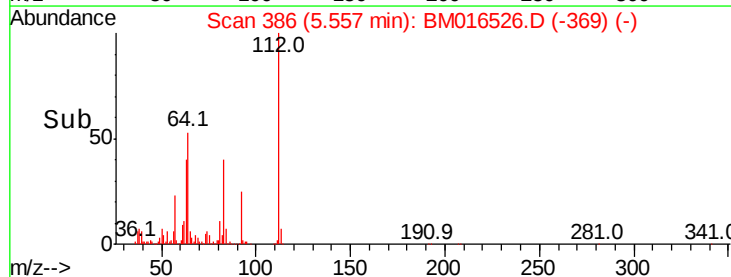
#5

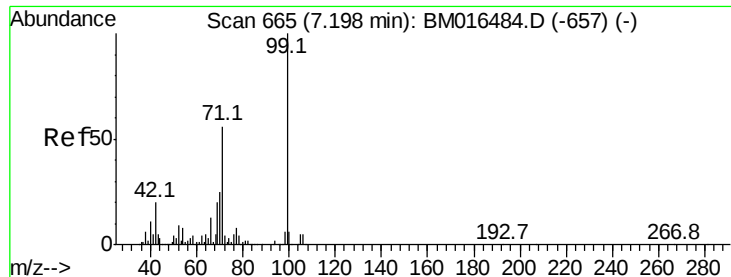
2-Fluorophenol
Concen: 142.017 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016526.D
Acq: 22 Aug 2018 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	38.6	57.8
63	39.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BMC
Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 113.593 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

Instrument :

BNA_M

ClientSampleId :

T27-COMP

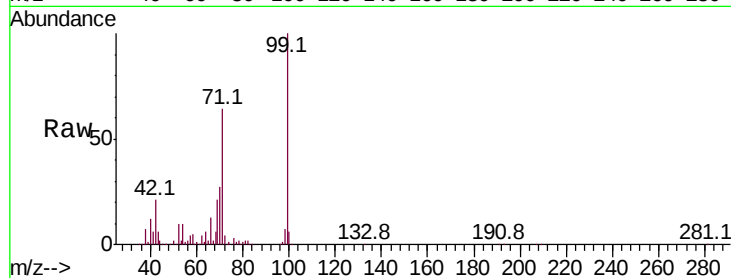
Tot Ion: 99 Resp: 873354

Ion Ratio Lower Upper

99 100

42 20.7 11.0 16.4#

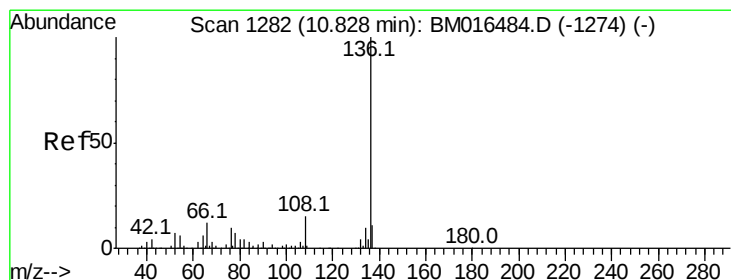
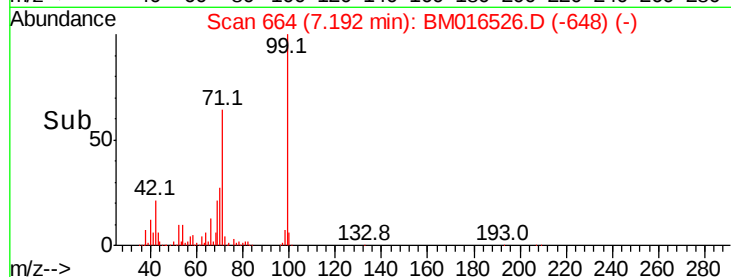
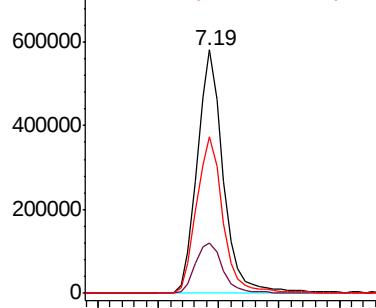
71 64.3 23.4 35.2#



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: 10.83 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

Tgt Ion: 136 Resp: 341133

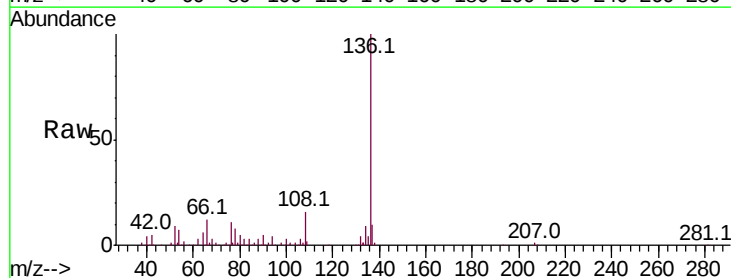
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 6.9 4.6 6.8#

68 3.1 3.7 5.5#

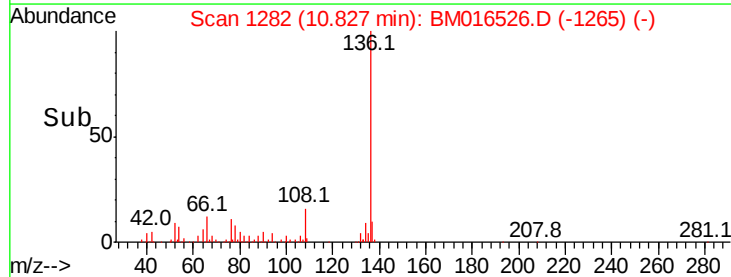
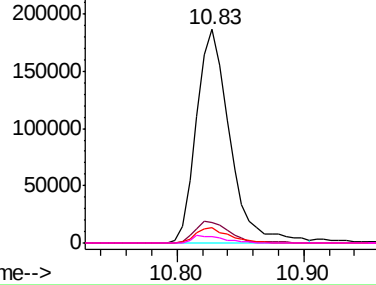


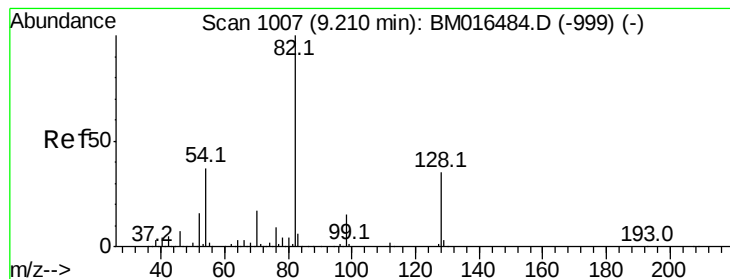
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: 115.662 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

Instrument :

BNA_M

ClientSampleId :

T27-COMP

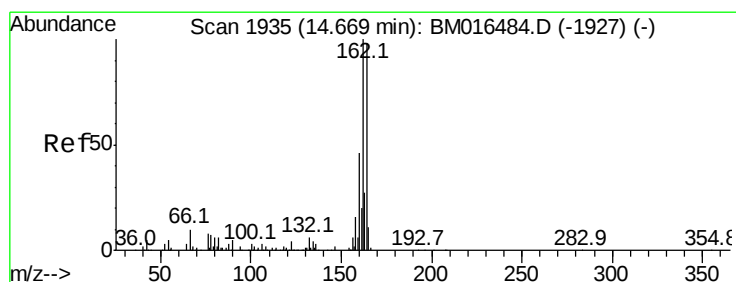
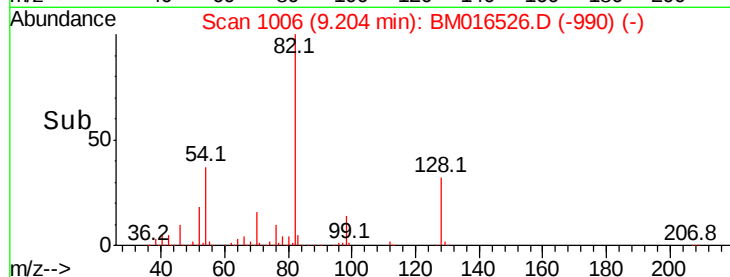
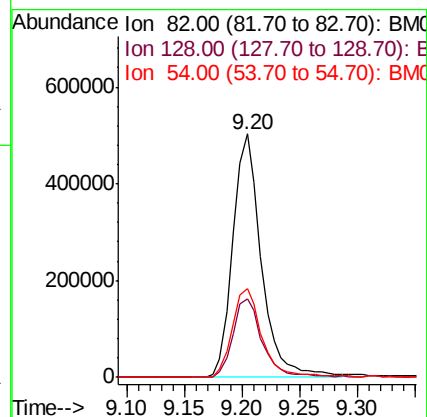
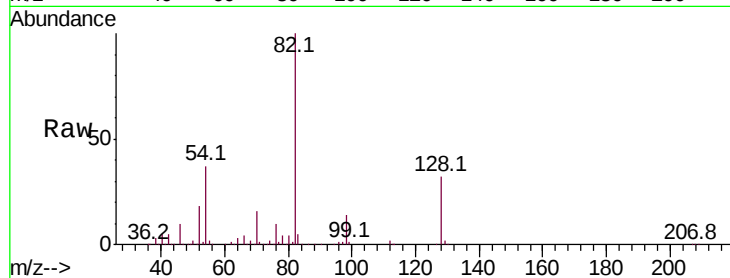
Tot Ion: 82 Resp: 864151

Ion Ratio Lower Upper

82 100

128 32.4 32.8 49.2#

54 36.7 40.6 60.8#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

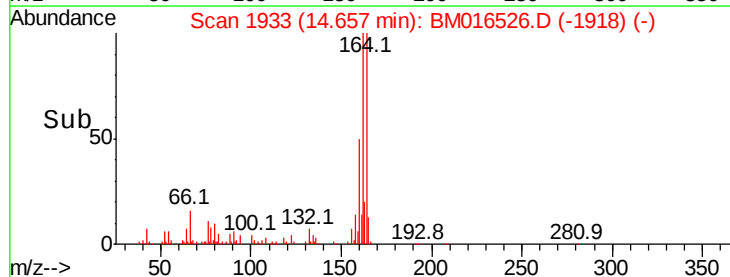
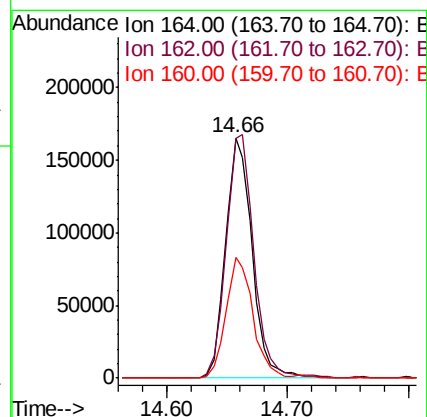
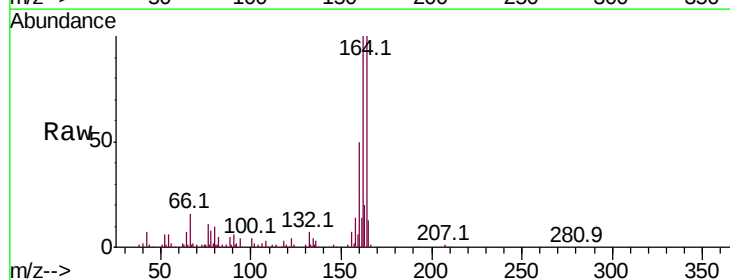
Tgt Ion:164 Resp: 251363

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

160 50.1 35.8 53.6

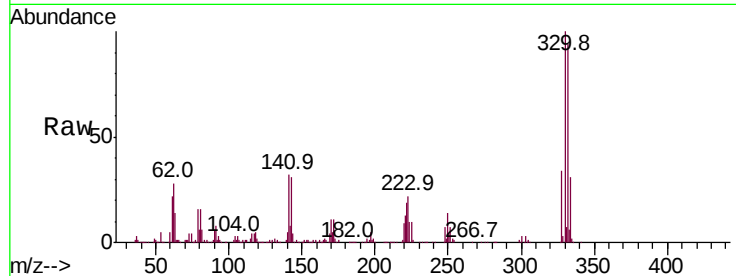




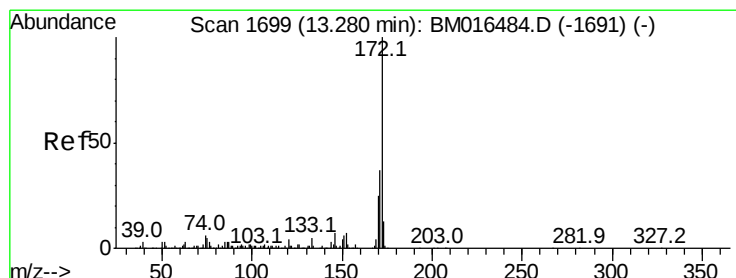
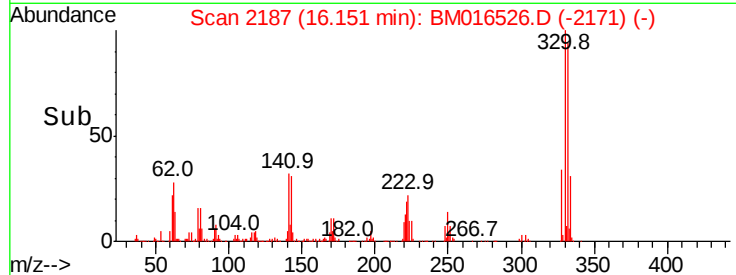
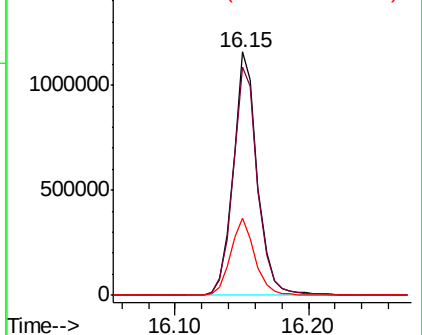
#41
 2,4,6-Tribromophenol
 Concen: 207.048 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016526.D
 Acq: 22 Aug 2018 19:45

Instrument :
 BNA_M
 ClientSampleId :
 T27-COMP

Tot Ion:330 Resp: 1454859
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 32.3 0.0 0.0#

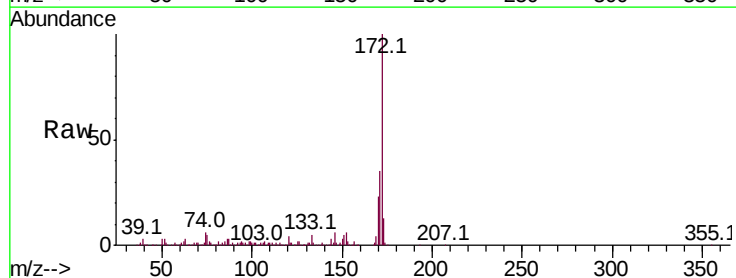


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

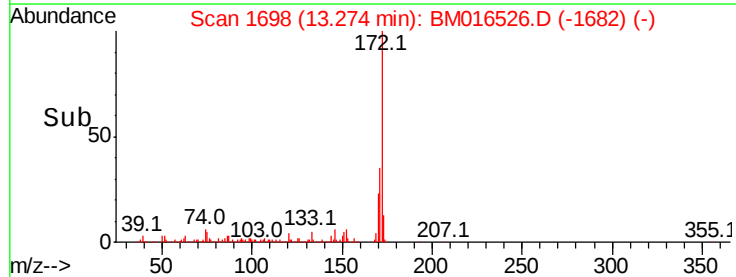
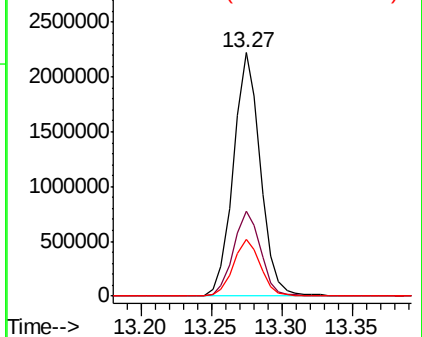


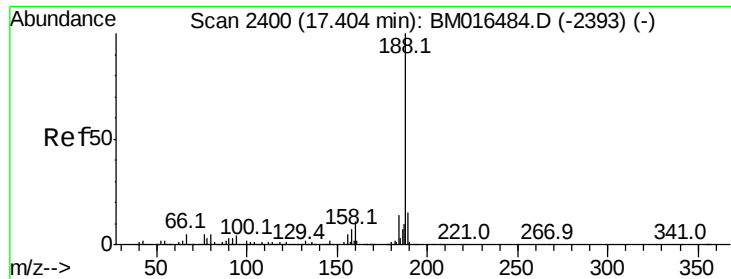
#44
 2-Fluorobiphenyl
 Concen: 113.187 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016526.D
 Acq: 22 Aug 2018 19:45

Tgt Ion:172 Resp: 2959887
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.1 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

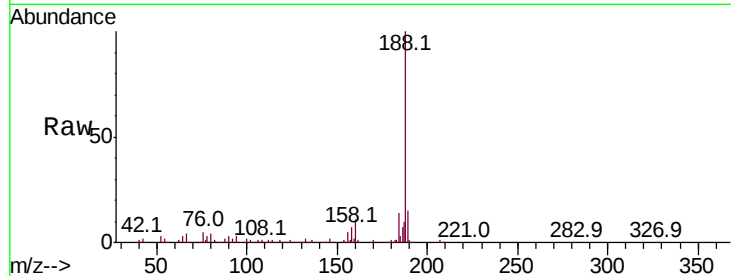




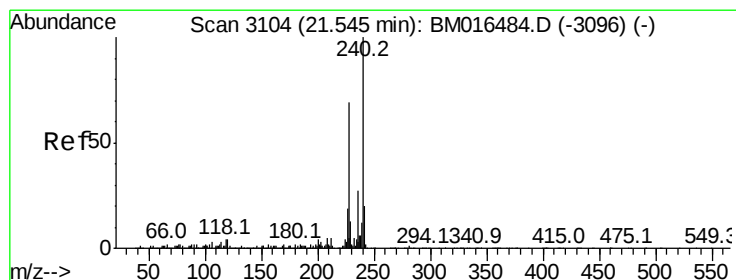
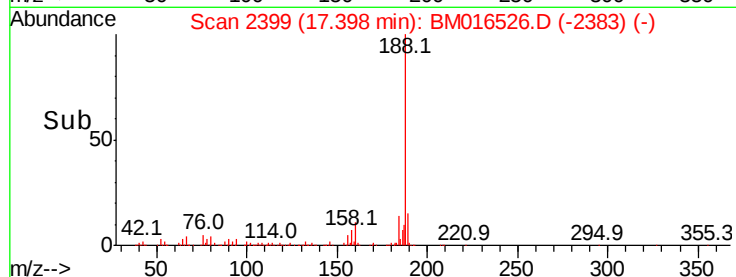
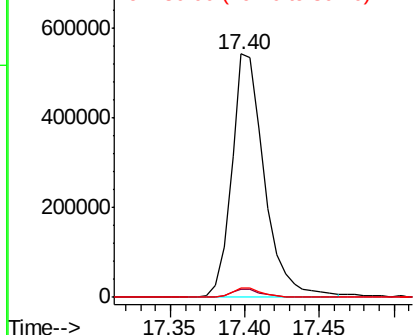
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016526.D
Acq: 22 Aug 2018 19:45

Instrument :
BNA_M
ClientSampleId :
T27-COMP

Tot Ion:188 Resp: 827359
Ion Ratio Lower Upper
188 100
94 3.5 8.7 13.1#
80 3.7 9.3 13.9#

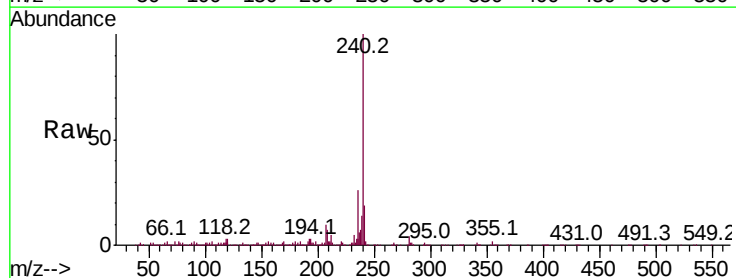


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

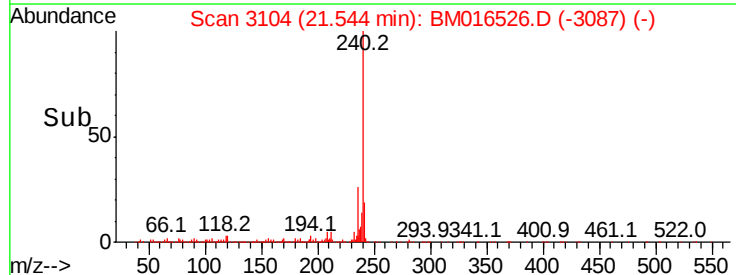
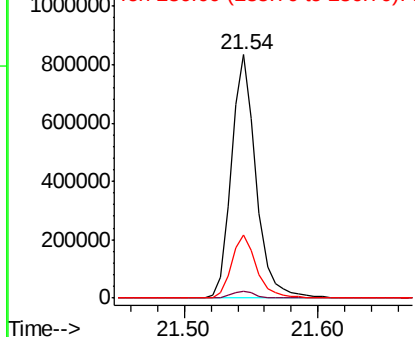


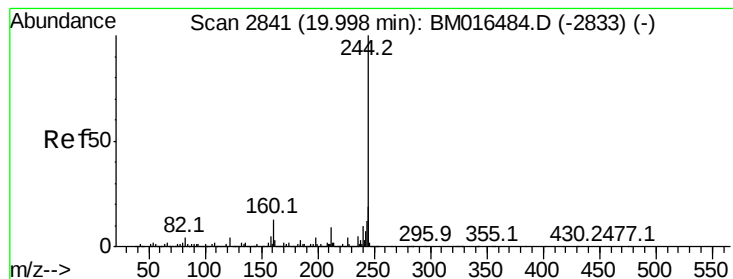
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016526.D
Acq: 22 Aug 2018 19:45

Tgt Ion:240 Resp: 1074714
Ion Ratio Lower Upper
240 100
120 2.6 8.2 12.2#
236 26.0 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





#78

Terphenyl-d14

Concen: 167.220 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

Instrument :

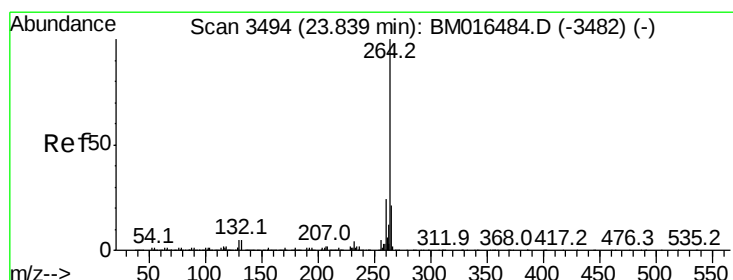
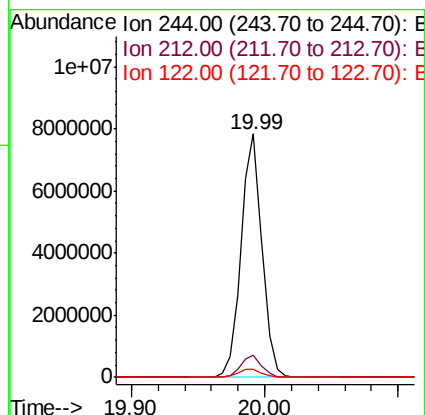
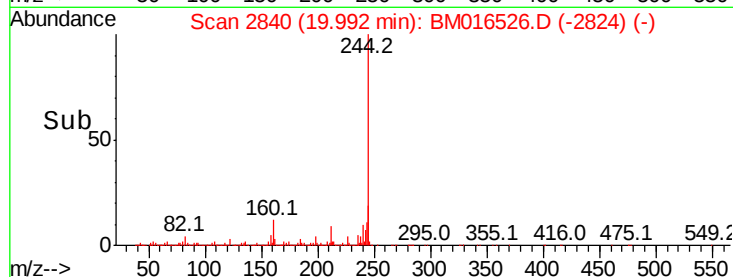
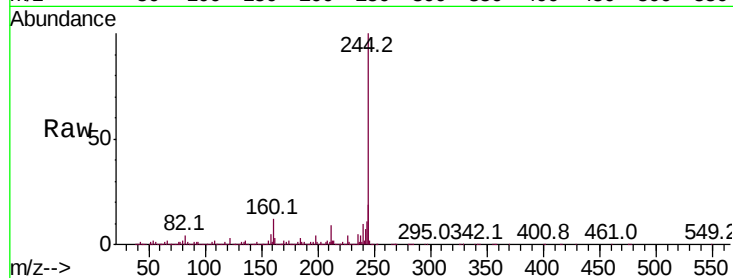
BNA_M

ClientSampleId :

T27-COMP

Tot Ion:244 Resp: 8490775

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	3.1	6.2	9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016526.D

Acq: 22 Aug 2018 19:45

Tgt Ion:264 Resp: 1226433

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	17.3	25.9

