

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017556.D
 Acq On : 07 Nov 2018 12:48
 Operator : MJ/SJ
 Sample : J5805-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(26-30)

Quant Time: Nov 07 13:45:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	228304	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	848009	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	500789	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1266050	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1528820	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1527850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1545486	114.49	ng	-0.01
7) Phenol-d6	6.81	99	1820030	99.00	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1407212	97.05	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1031502	152.31	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3247862	86.29	ng	-0.02
79) Terphenyl-d14	19.66	244	6356941	93.72	ng	-0.02

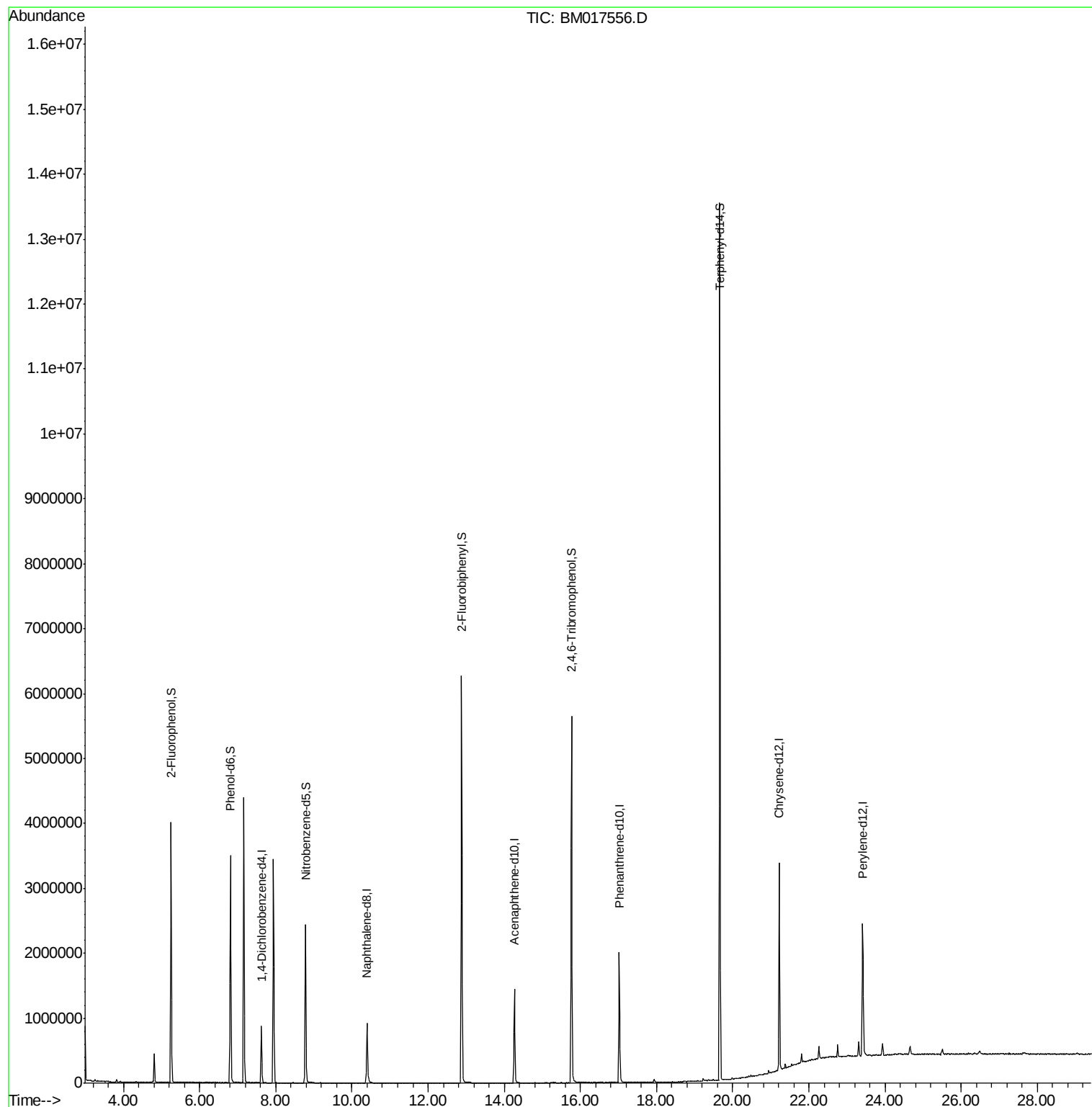
Target Compounds Qvalue

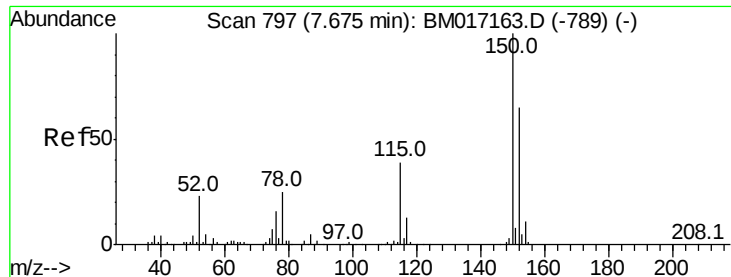
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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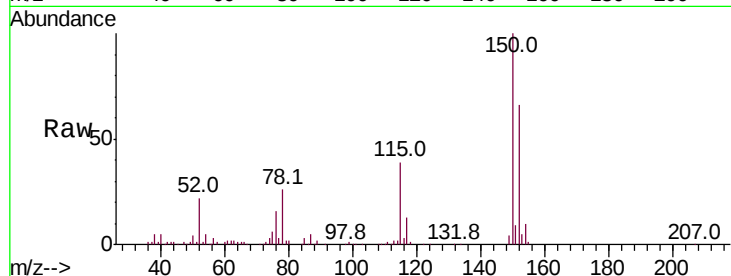


#1

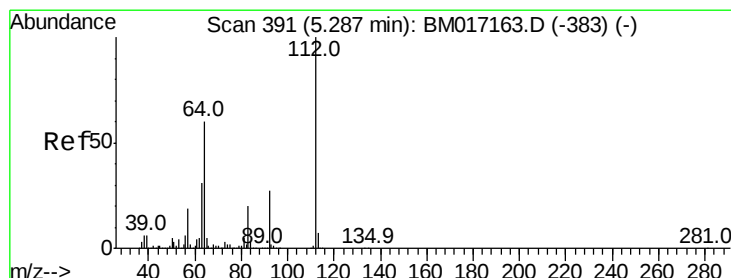
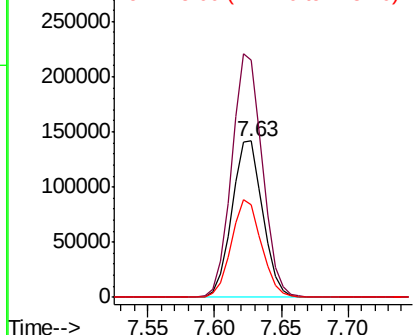
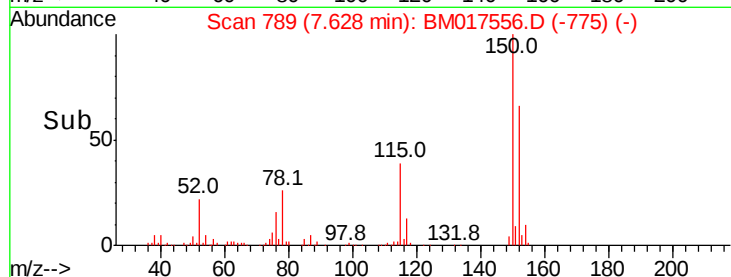
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tot Ion:152 Resp: 228304
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 59.4 48.1 72.1



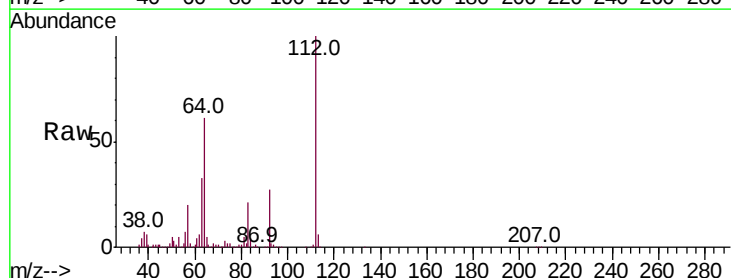
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



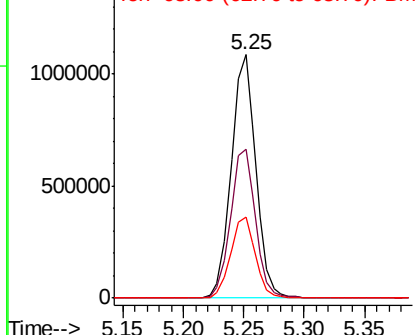
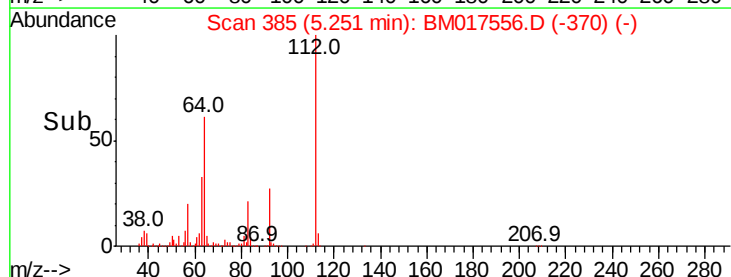
#5

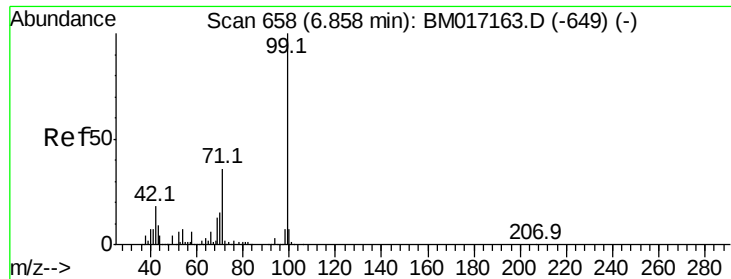
2-Fluorophenol
Concen: 114.494 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:112 Resp: 1545486
Ion Ratio Lower Upper
112 100
64 61.1 41.7 62.5
63 33.3 23.0 34.4



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: 99.000 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

Instrument :

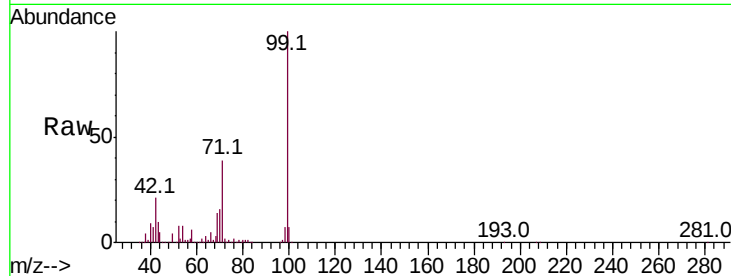
BNA_M

ClientSampleId :

COMP-SAMPLES(26-30)

Tot Ion: 99 Resp: 1820030

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.3	19.9#
71	38.6	28.0	42.0

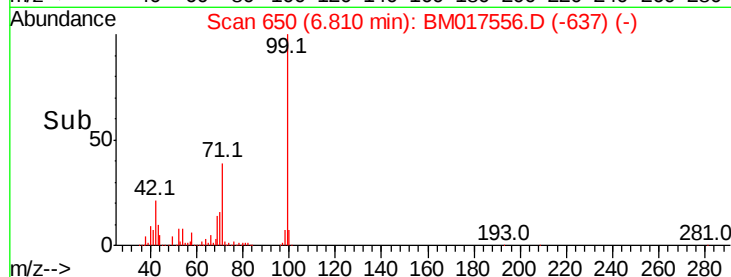


Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)

Time--> 6.70 6.75 6.80 6.85 6.90

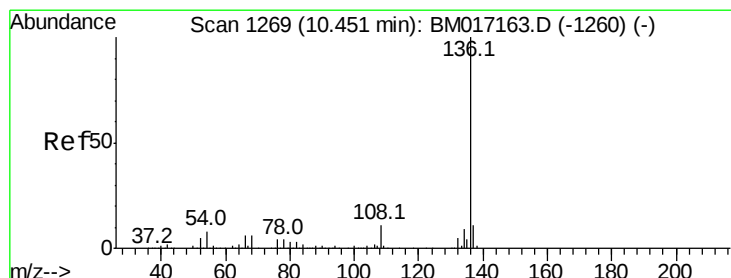


Abundance Ion 99.00 (98.70 to 99.70): BM017556.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017556.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017556.D (-637) (-)

Time--> 6.70 6.75 6.80 6.85 6.90



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

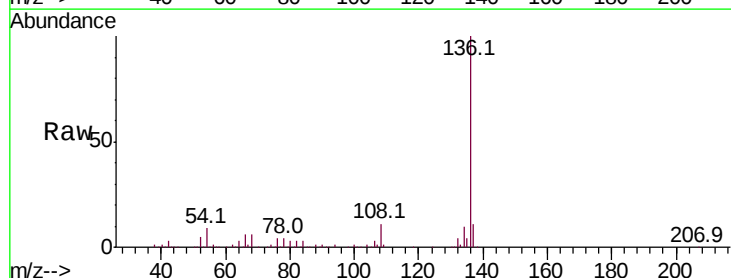
Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

Tgt Ion: 136 Resp: 848009

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.7	6.7	10.1
68	5.9	4.7	7.1



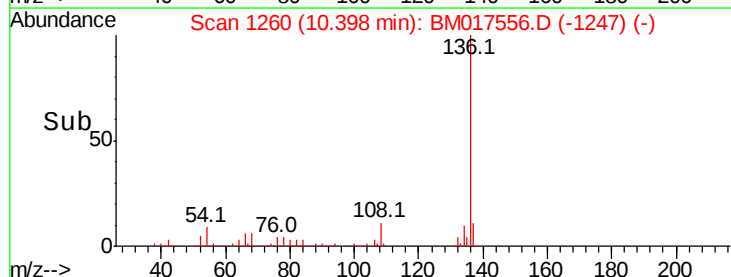
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

Time--> 10.30 10.40 10.50



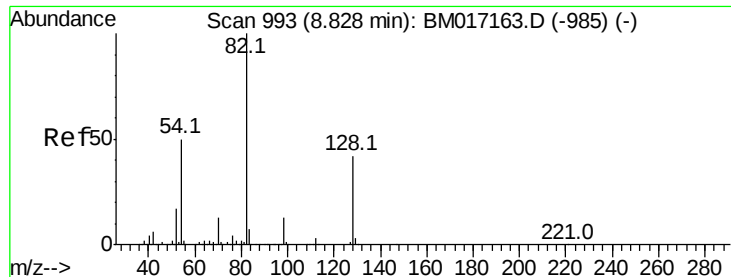
Abundance Ion 136.00 (135.70 to 136.70): BM017556.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM017556.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM017556.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM017556.D (-1247) (-)

Time--> 10.30 10.40 10.50



#23

Nitrobenzene-d5

Concen: 97.053 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(26-30)

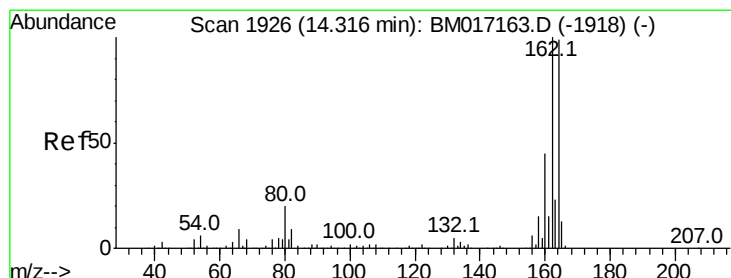
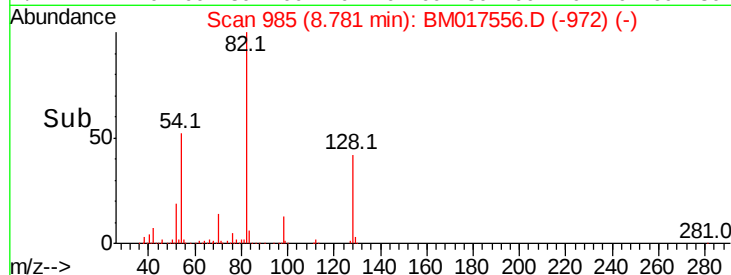
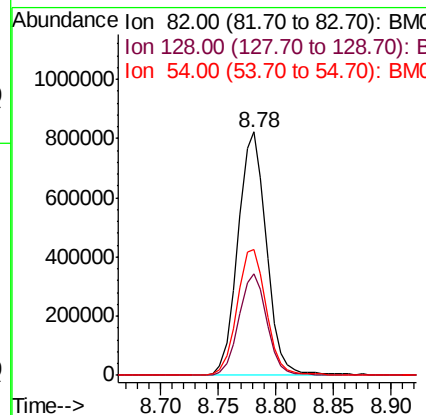
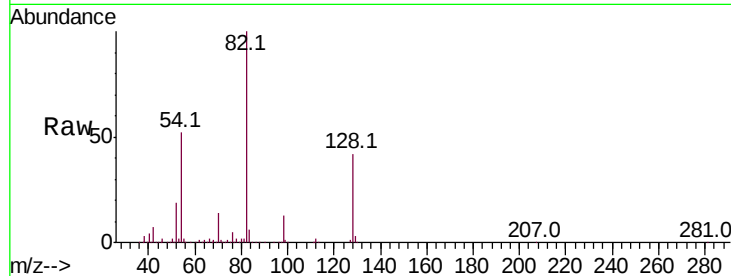
Tot Ion: 82 Resp: 1407212

Ion Ratio Lower Upper

82 100

128 41.6 37.0 55.6

54 51.7 40.7 61.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

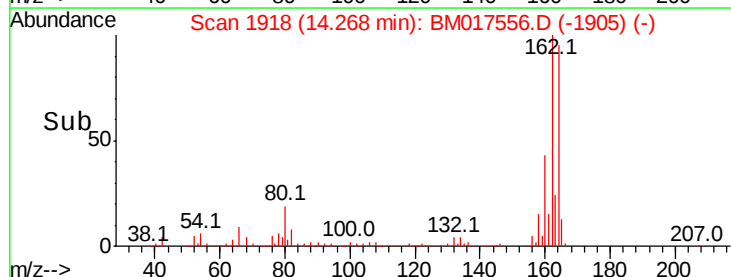
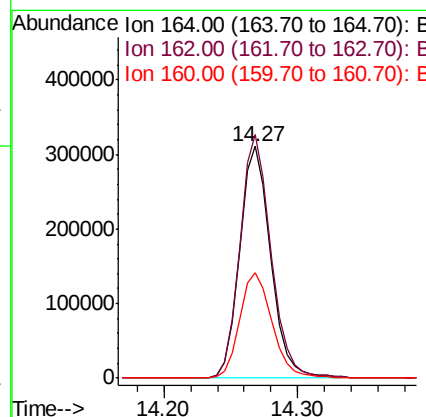
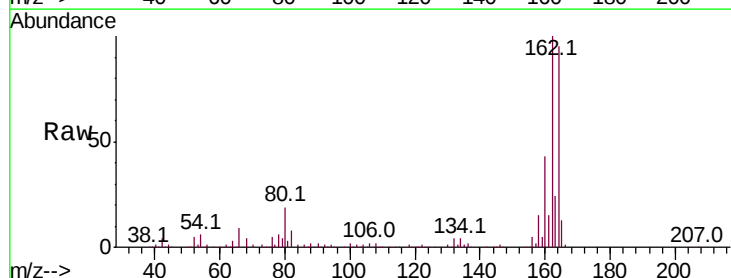
Tgt Ion:164 Resp: 500789

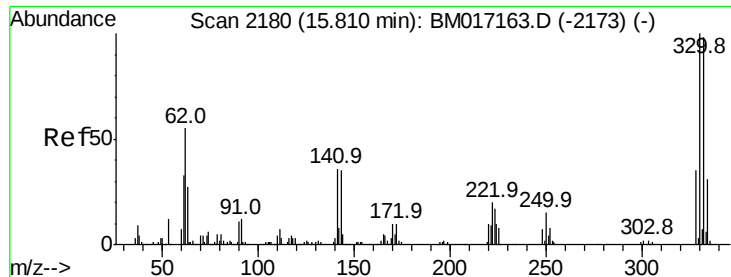
Ion Ratio Lower Upper

164 100

162 105.0 82.1 123.1

160 45.6 40.2 60.2

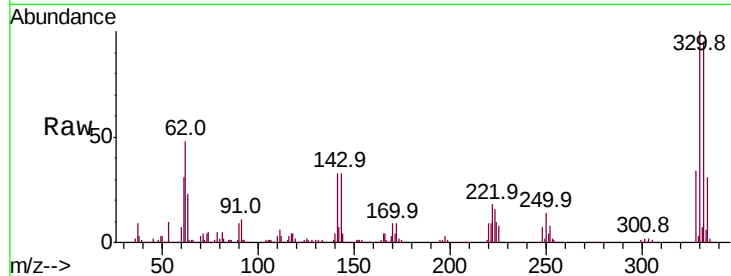




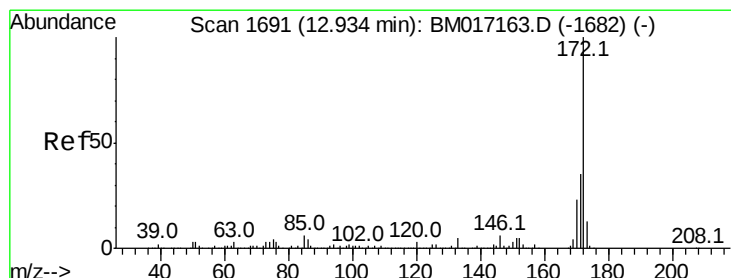
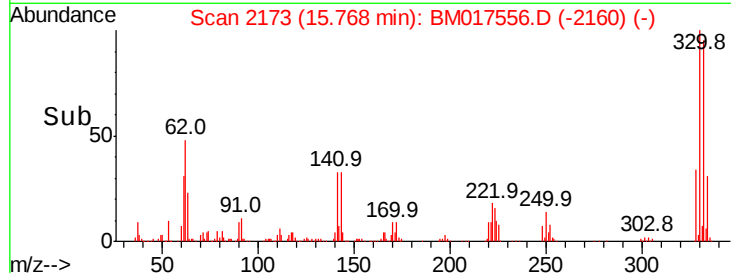
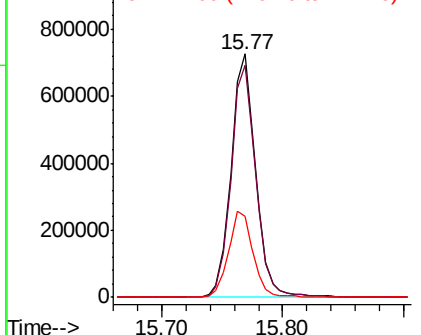
#42
 2,4,6-Tribromophenol
 Concen: 152.309 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017556.D
 Acq: 07 Nov 2018 12:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(26-30)

Tot Ion:330 Resp: 1031502
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 35.7 27.4 41.0

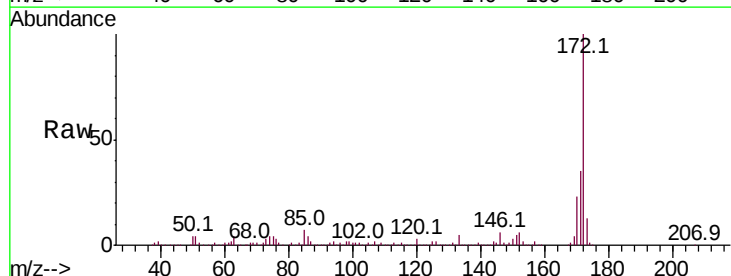


Abundance Ion 329.80 (329.50 to 330.50): E
 1000000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

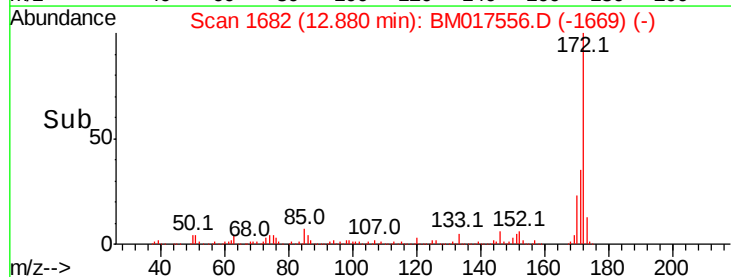
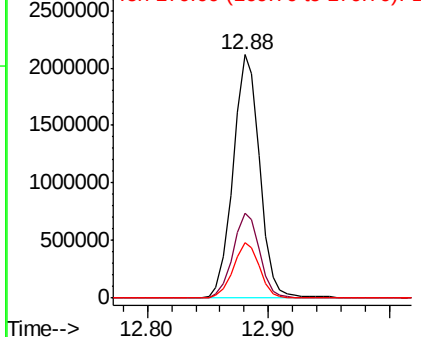


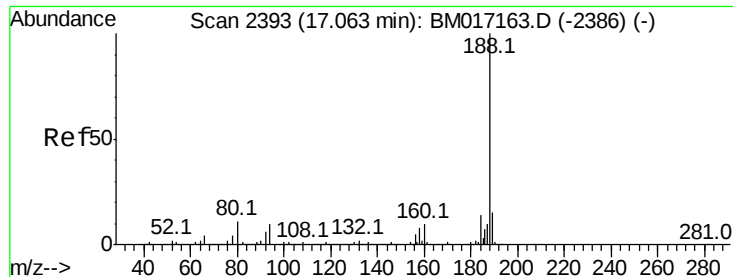
#45
 2-Fluorobiphenyl
 Concen: 86.292 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017556.D
 Acq: 07 Nov 2018 12:48

Tgt Ion:172 Resp: 3247862
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.6 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(26-30)

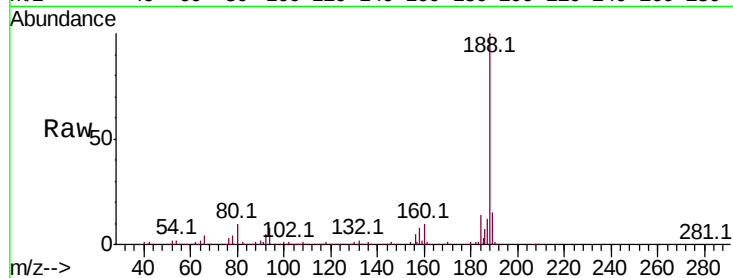
Tot Ion:188 Resp: 1266050

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

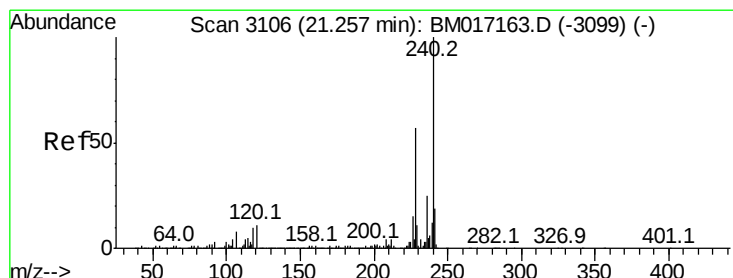
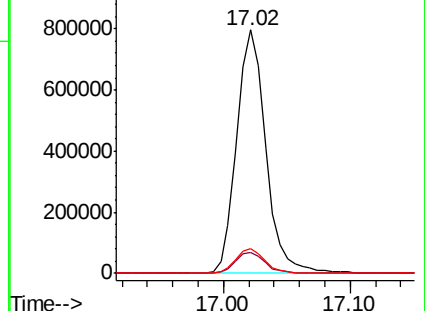
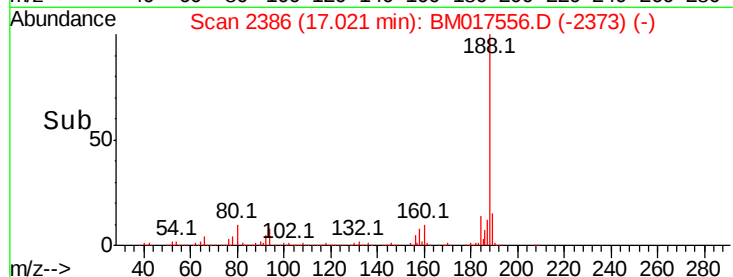
80 10.4 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

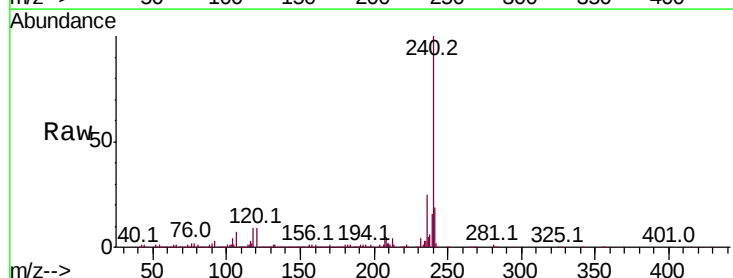
Tgt Ion:240 Resp: 1528820

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

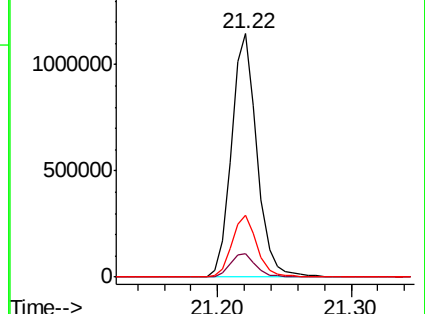
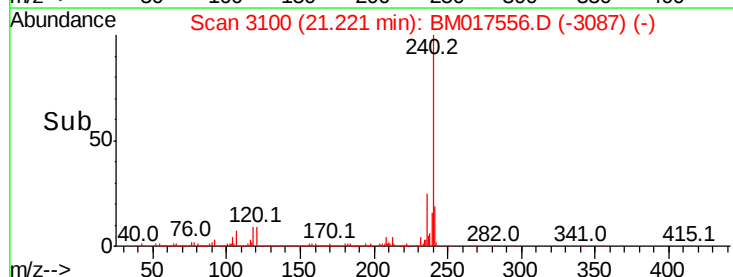
236 25.3 19.9 29.9

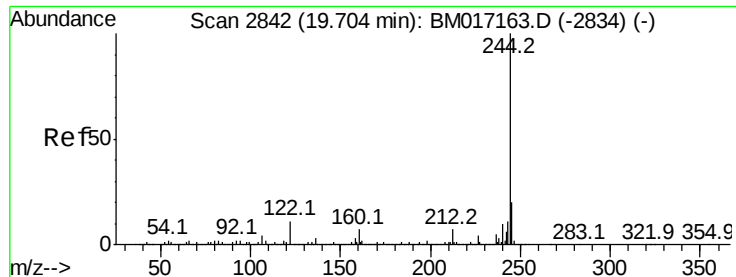


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.723 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(26-30)

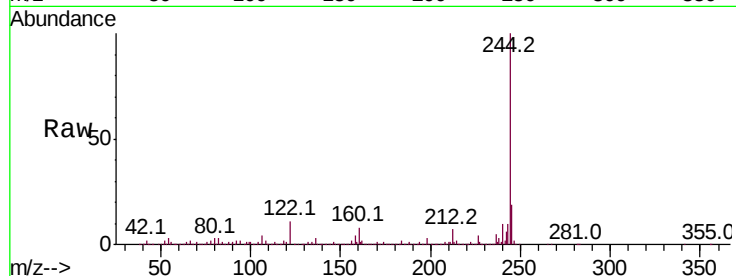
Tot Ion:244 Resp: 6356941

Ion Ratio Lower Upper

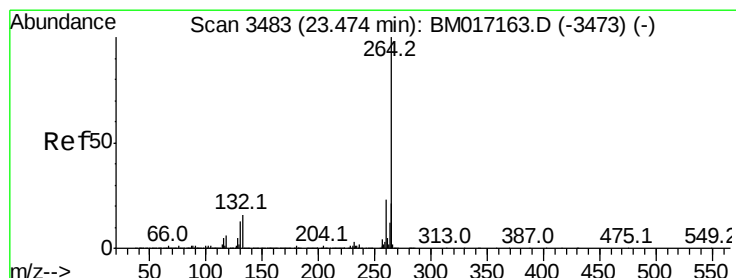
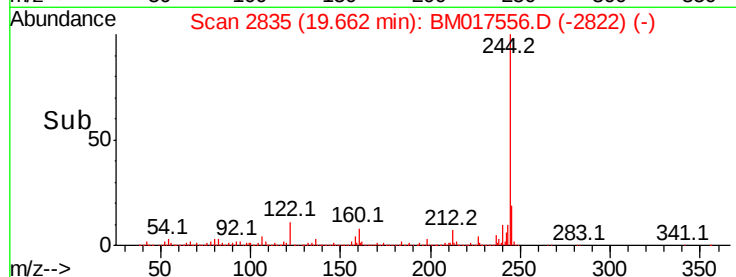
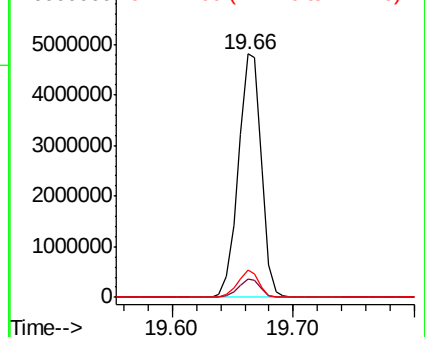
244 100

212 7.4 5.5 8.3

122 11.2 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017556.D

Acq: 07 Nov 2018 12:48

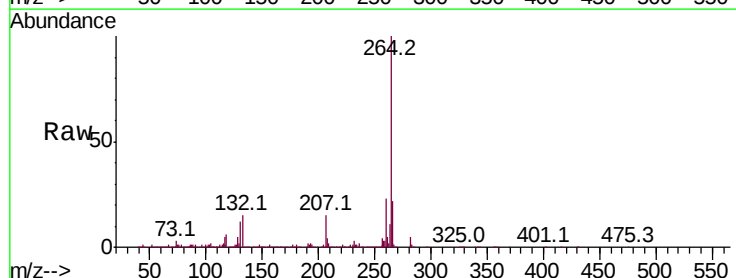
Tgt Ion:264 Resp: 1527850

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.0 17.8 26.8



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

