

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017552.D
 Acq On : 07 Nov 2018 10:24
 Operator : MJ/SJ
 Sample : J5805-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(6-10)

Quant Time: Nov 07 13:39:17 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	213991	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	803558	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	462163	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1192378	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1515985	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1554854	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1478861	116.89	ng	-0.01
7) Phenol-d6	6.81	99	1744802	101.26	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1320824	96.13	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	968597	154.97	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3093460	89.06	ng	-0.02
79) Terphenyl-d14	19.67	244	6069211	90.24	ng	-0.02

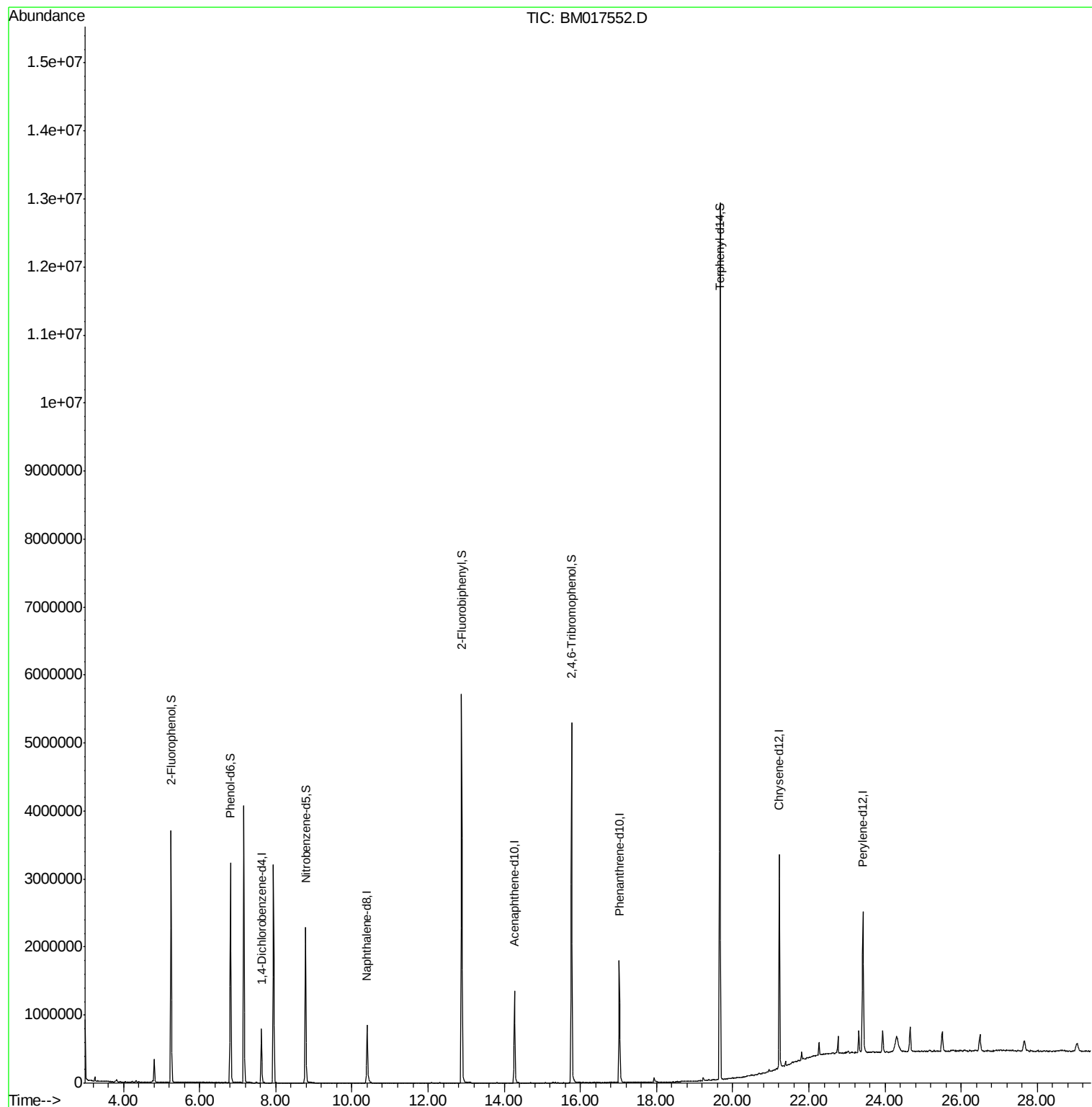
Target Compounds Qvalue

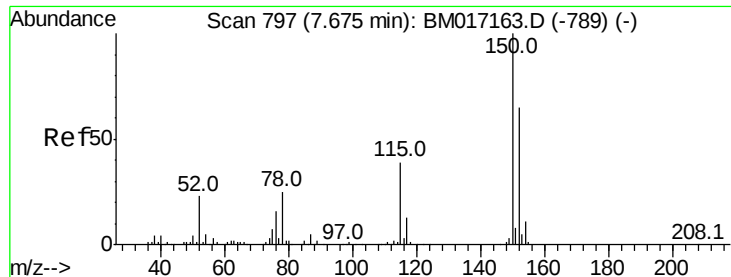
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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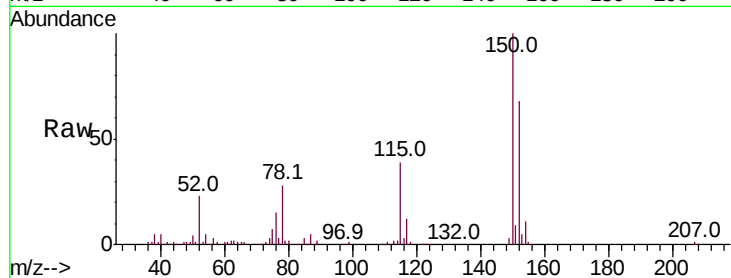


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017552.D
Acq: 07 Nov 2018 10:24

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(6-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	124.3	186.5
115	57.9	48.1	72.1

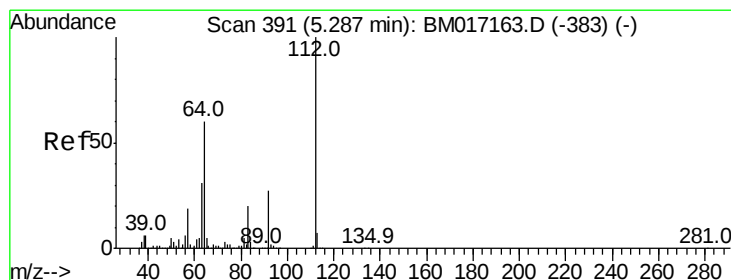
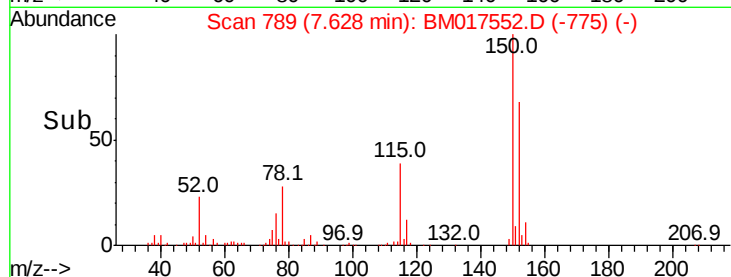
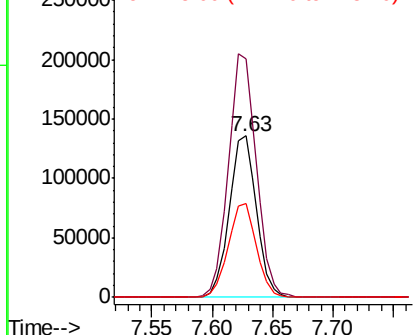


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

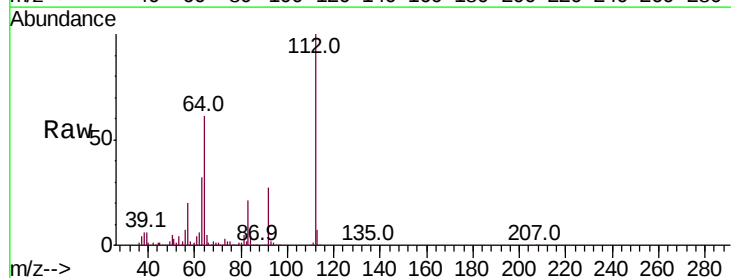
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.886 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017552.D
Acq: 07 Nov 2018 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	41.7	62.5
63	32.2	23.0	34.4

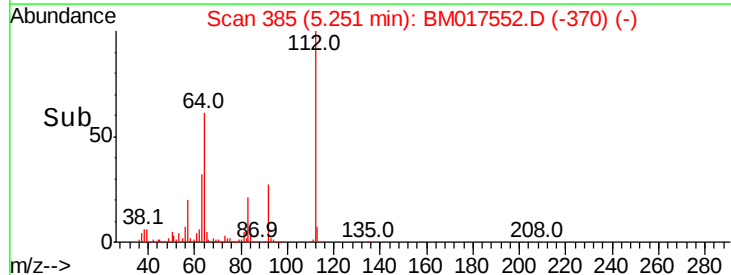
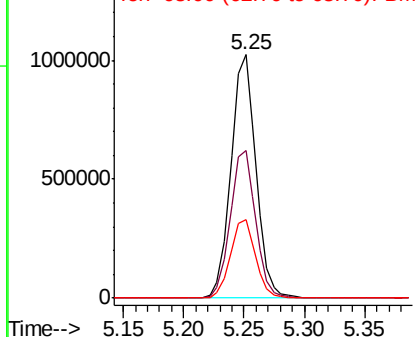


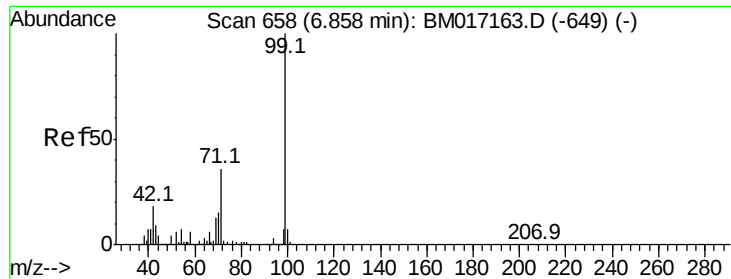
Abundance

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: 101.256 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(6-10)

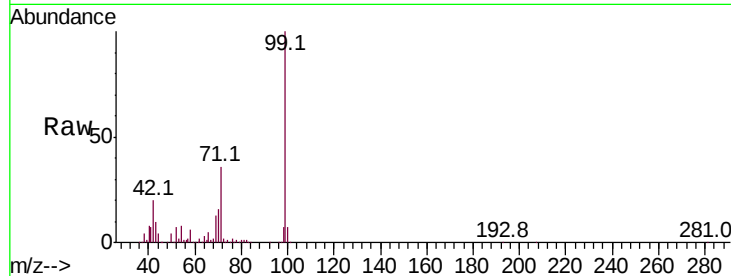
Tot Ion: 99 Resp: 1744802

Ion Ratio Lower Upper

99 100

42 19.9 13.3 19.9

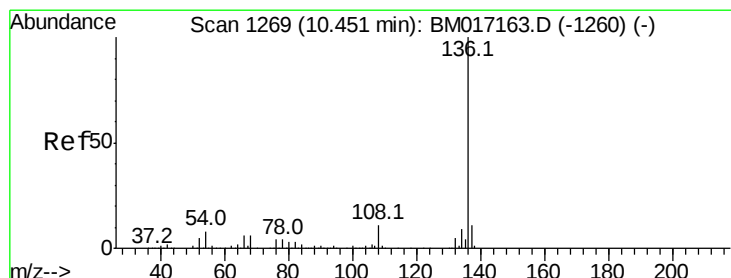
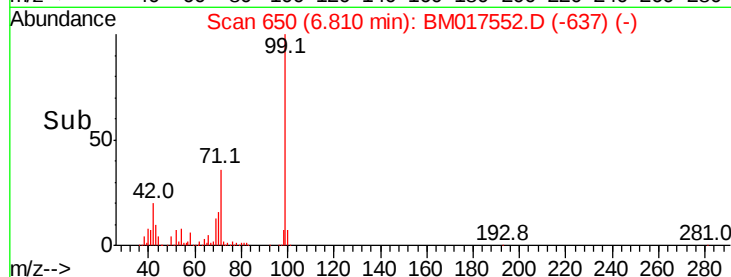
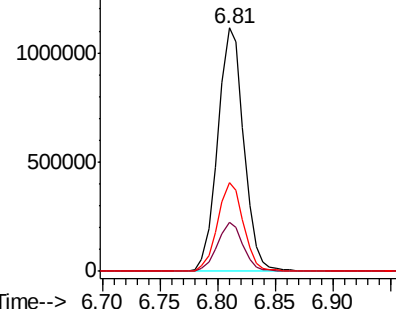
71 36.2 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

Tgt Ion: 136 Resp: 803558

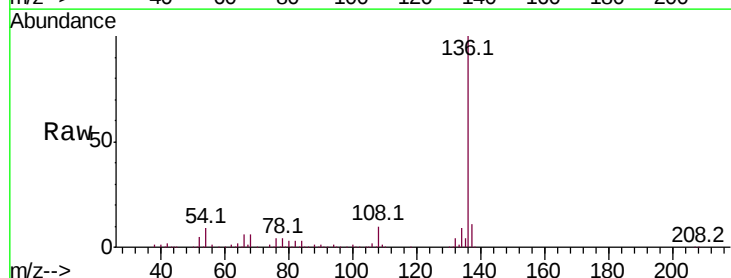
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.6 6.7 10.1

68 5.7 4.7 7.1

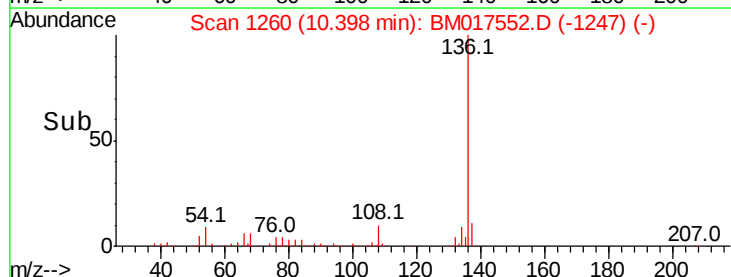
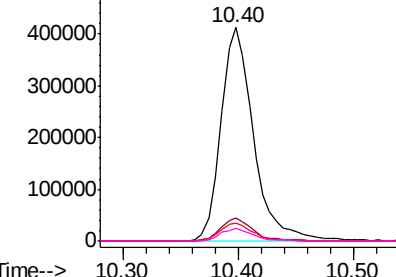


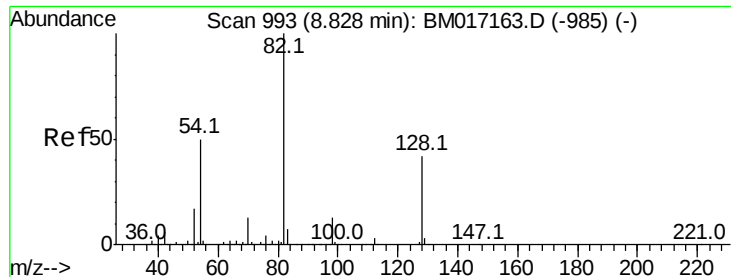
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

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) (-)

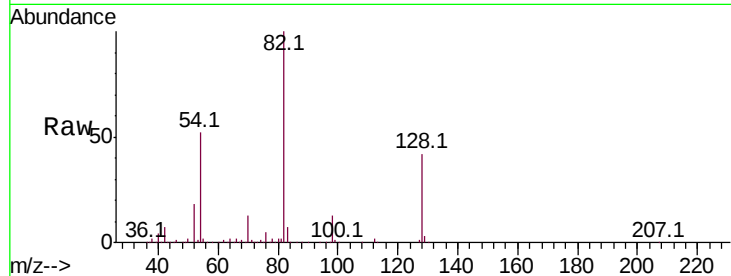




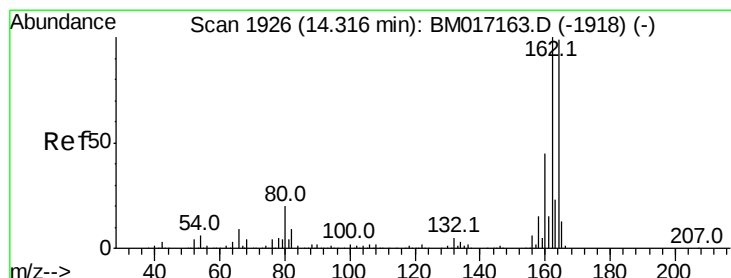
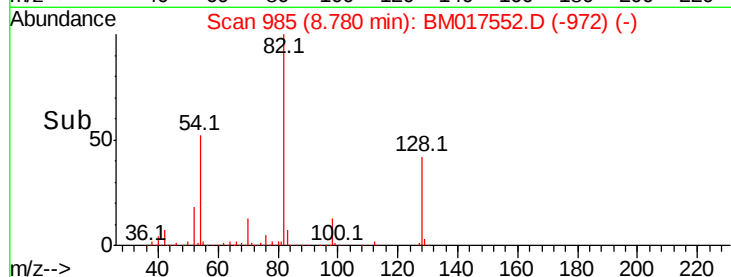
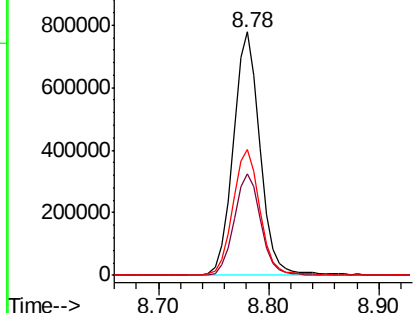
#23
 Nitrobenzene-d5
 Concen: 96.134 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017552.D
 Acq: 07 Nov 2018 10:24

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(6-10)

Tot Ion: 82 Resp: 1320824
 Ion Ratio Lower Upper
 82 100
 128 41.9 37.0 55.6
 54 51.8 40.7 61.1

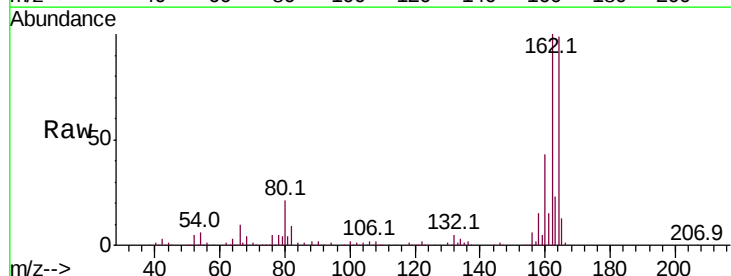


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
 Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
 Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

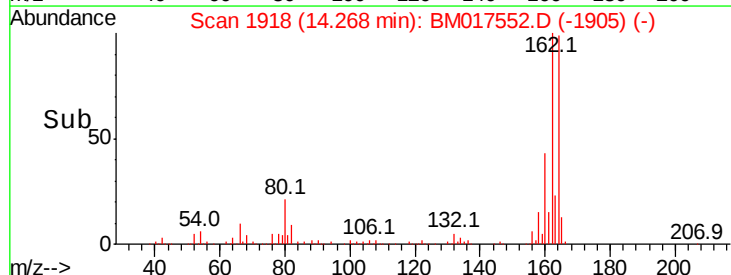
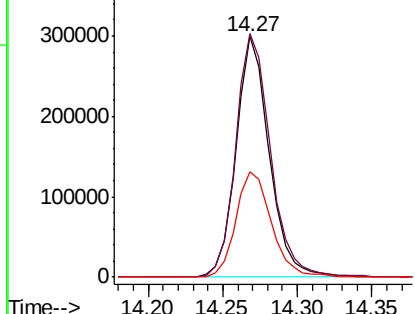


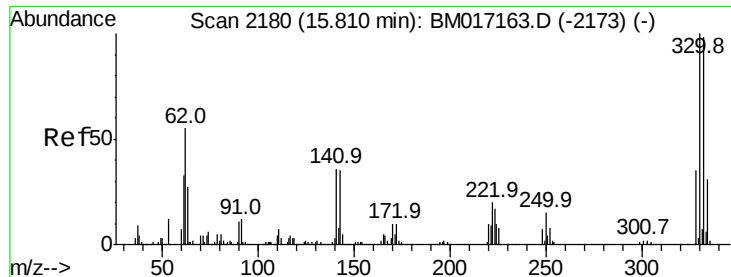
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017552.D
 Acq: 07 Nov 2018 10:24

Tgt Ion:164 Resp: 462163
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.1 123.1
 160 43.9 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)
 Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)
 Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)

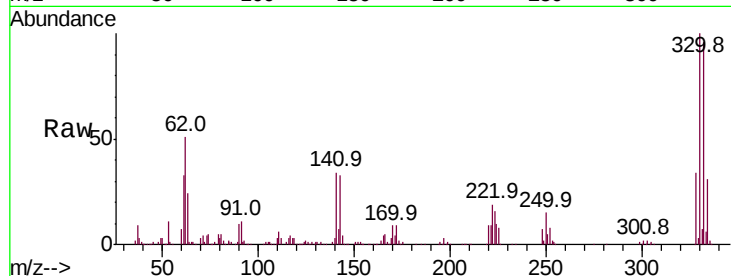




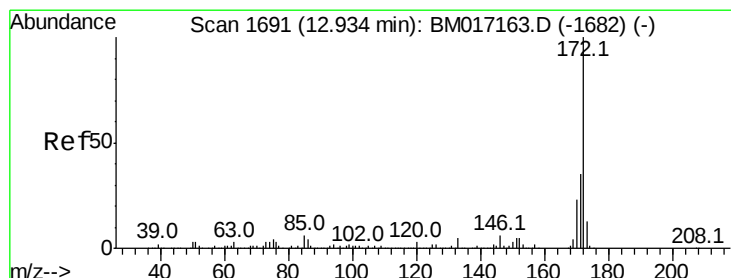
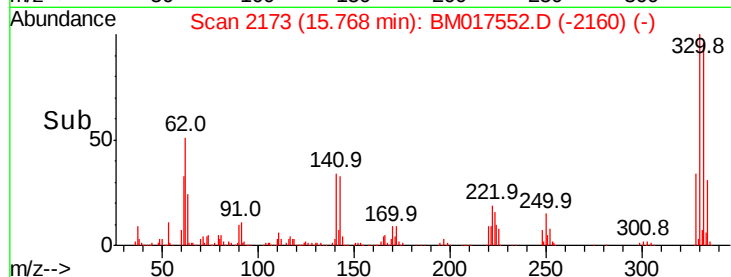
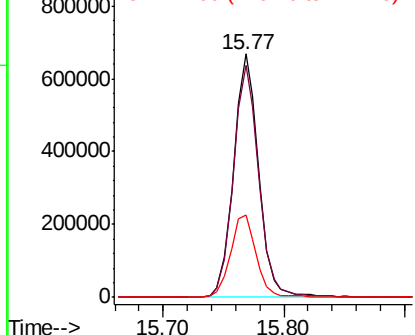
#42
 2,4,6-Tribromophenol
 Concen: 154.974 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017552.D
 Acq: 07 Nov 2018 10:24

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(6-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	35.0	27.4	41.0

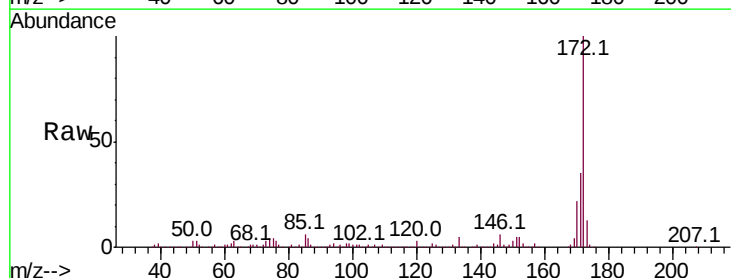


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

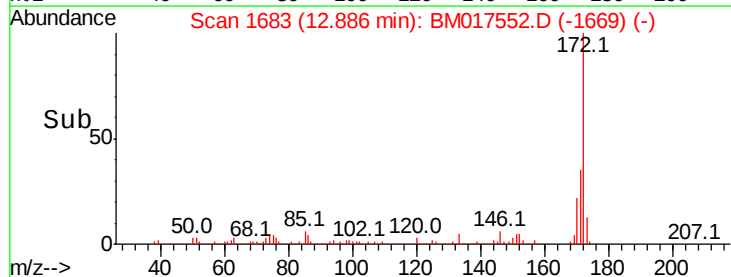
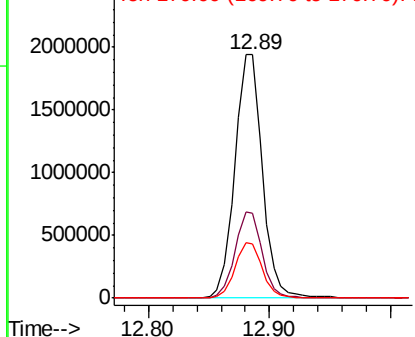


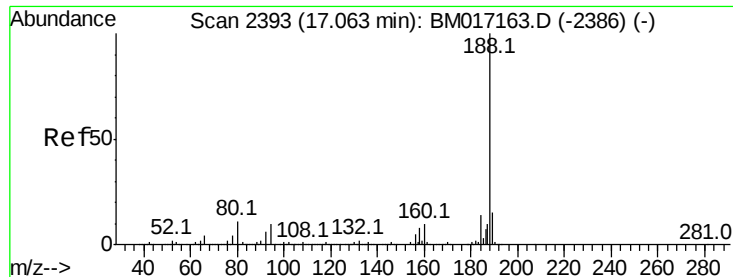
#45
 2-Fluorobiphenyl
 Concen: 89.059 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017552.D
 Acq: 07 Nov 2018 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.4	18.3	27.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(6-10)

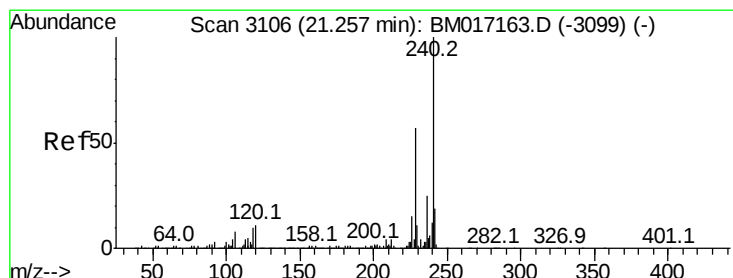
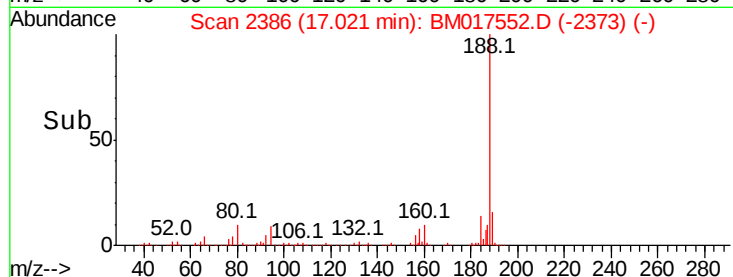
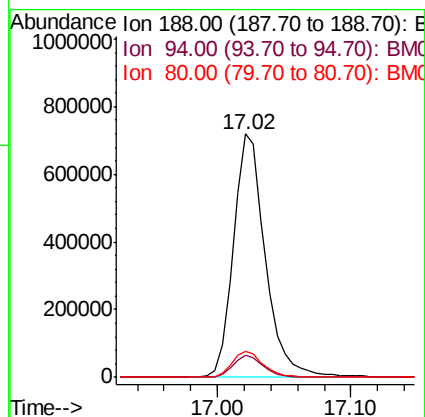
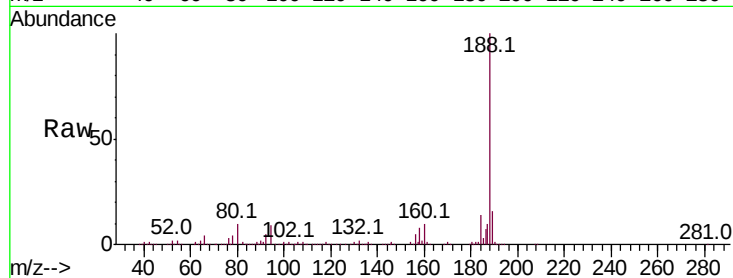
Tot Ion:188 Resp: 1192378

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

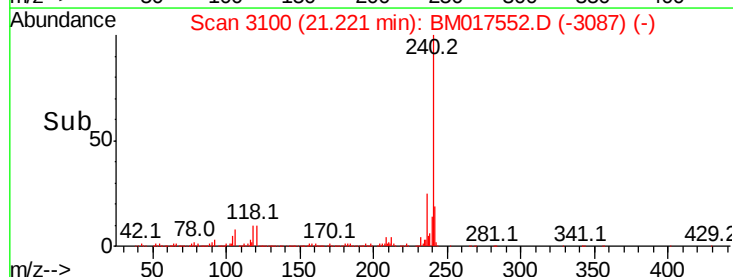
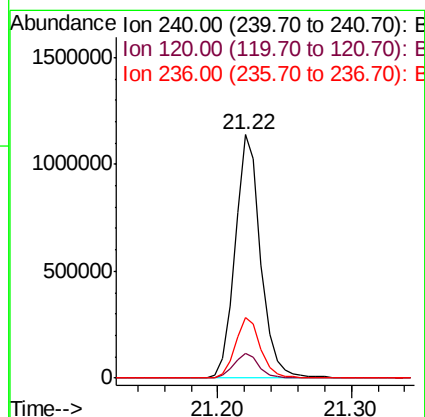
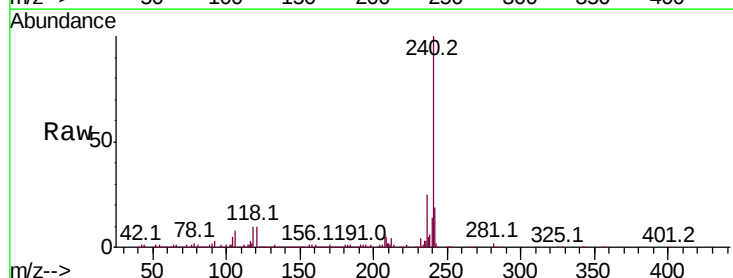
Tgt Ion:240 Resp: 1515985

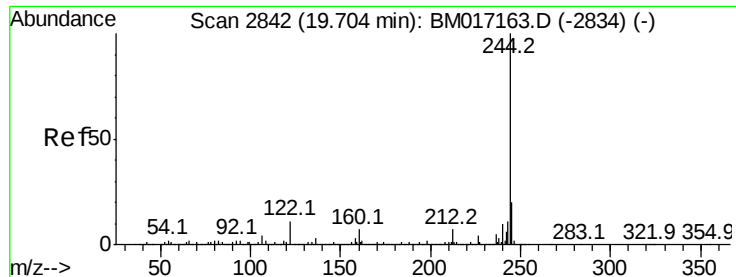
Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

236 25.0 19.9 29.9





#79

Terphenyl-d14

Concen: 90.238 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(6-10)

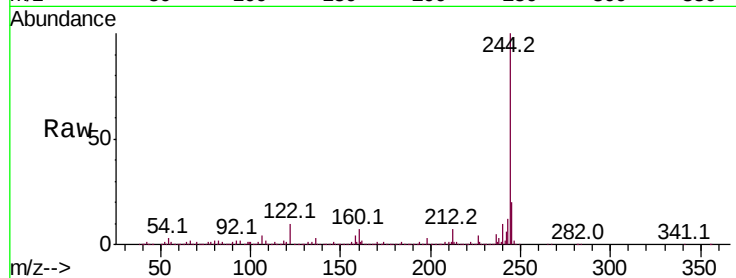
Tot Ion:244 Resp: 6069211

Ion Ratio Lower Upper

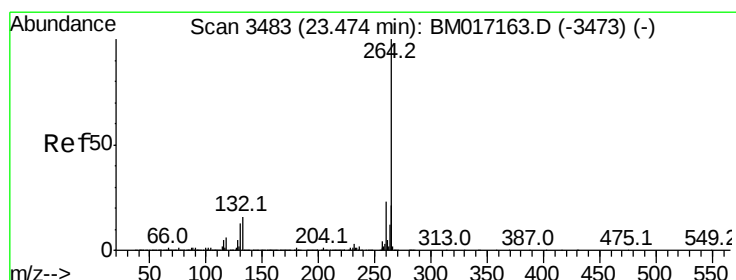
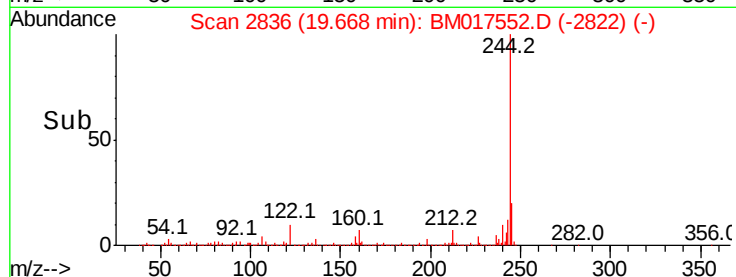
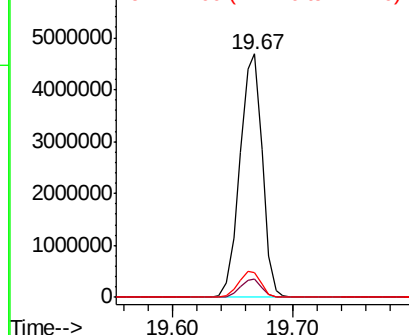
244 100

212 7.3 5.5 8.3

122 10.2 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: 23.42 min Scan# 3474

Delta R.T. -0.03 min

Lab File: BM017552.D

Acq: 07 Nov 2018 10:24

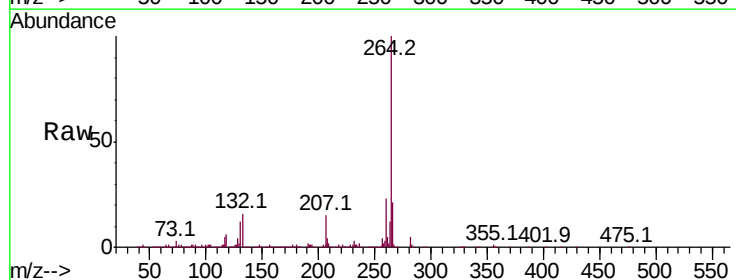
Tgt Ion:264 Resp: 1554854

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.5 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

