

Data File : BM017890.D
Acq On : 04 Dec 2018 00:55
Operator : JU/SJ
Sample : J5775-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-113018

Quant Time: Dec 04 06:58:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	178793	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	730937	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	431758	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	975414	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	913233	20.00	ng	-0.03
87) Perylene-d12	23.37	264	789975	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1148724	108.43	ng	-0.03
7) Phenol-d6	6.77	99	1356823	91.70	ng	-0.04
23) Nitrobenzene-d5	8.73	82	1086382	76.73	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	778936	125.56	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	2732112	82.09	ng	-0.04
79) Terphenyl-d14	19.63	244	4296989	106.64	ng	-0.02

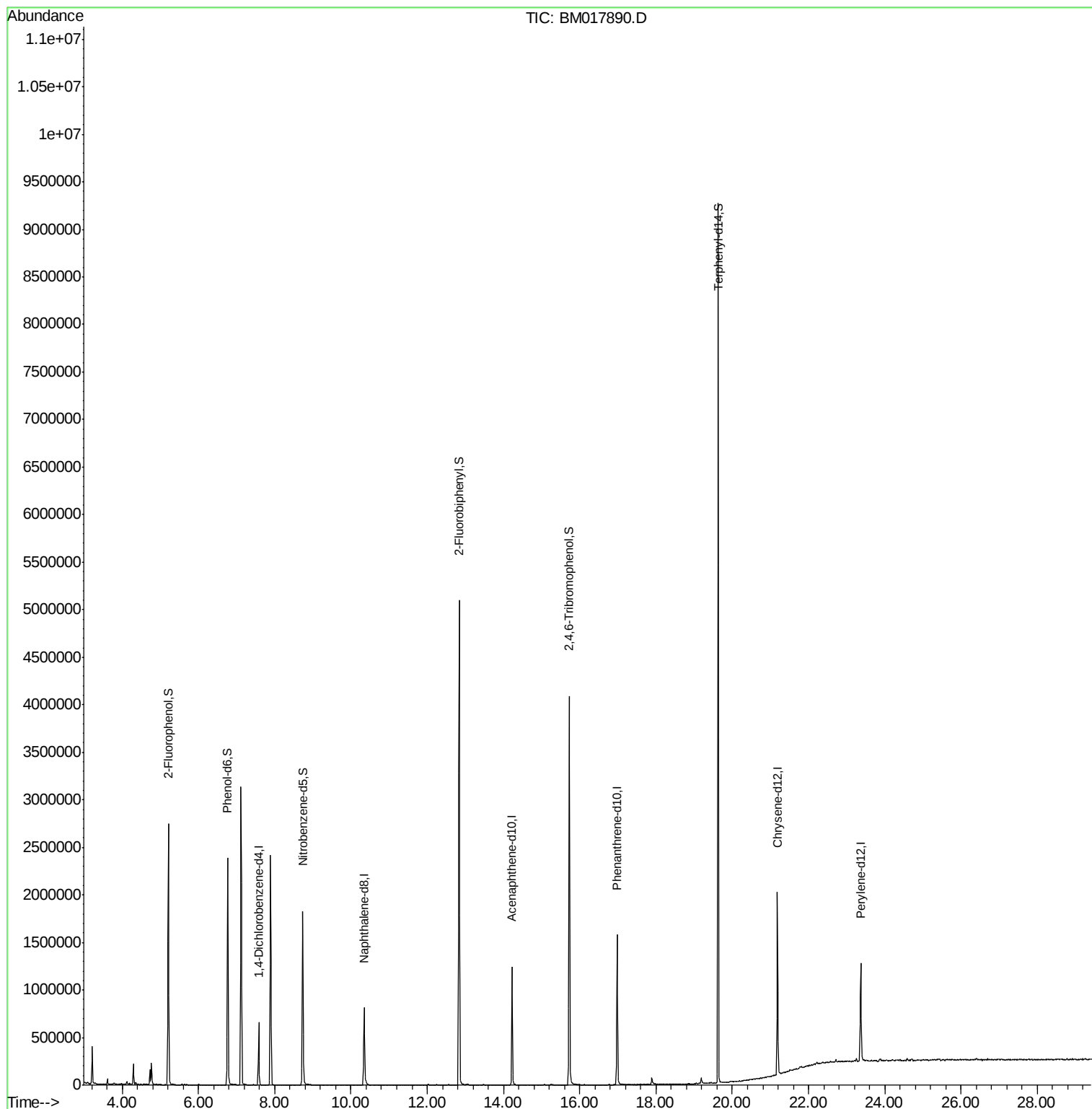
Target Compounds	Qvalue
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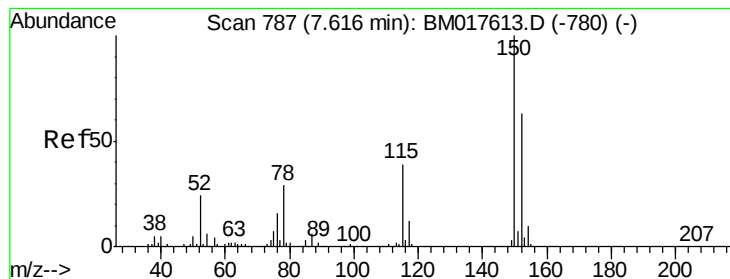
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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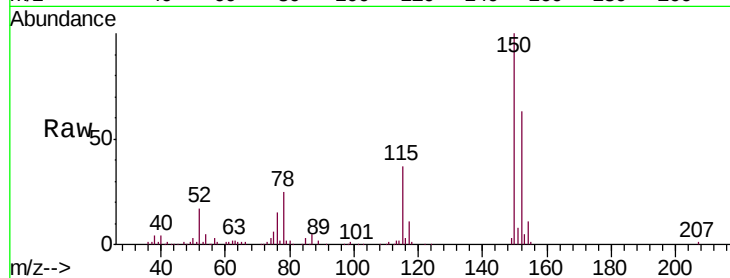


#1

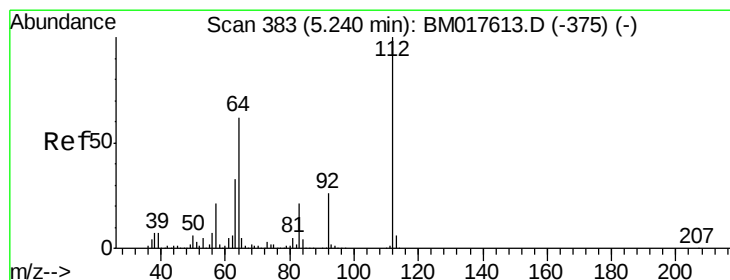
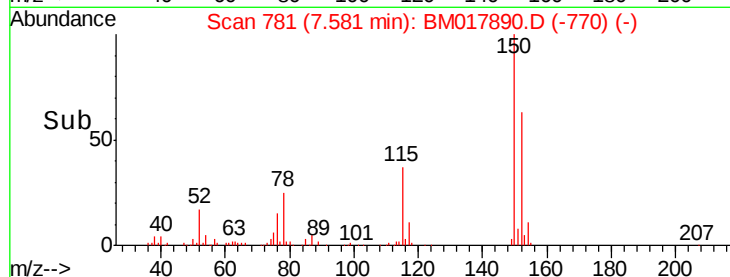
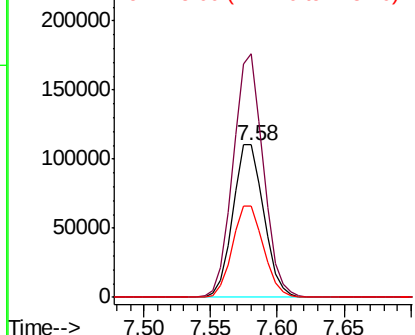
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Instrument :
BNA_M
ClientSampleId :
TR-04-113018

Tgt Ion:152 Resp: 178793
Ion Ratio Lower Upper
152 100
150 159.6 126.4 189.6
115 59.5 49.4 74.0



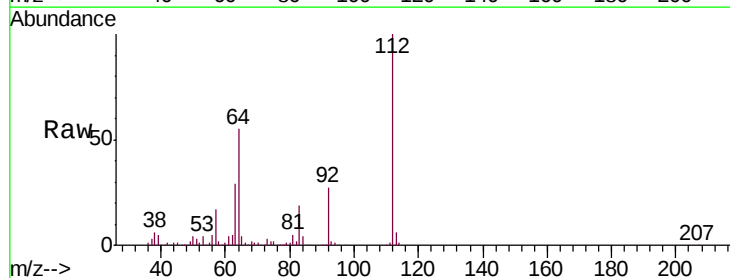
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



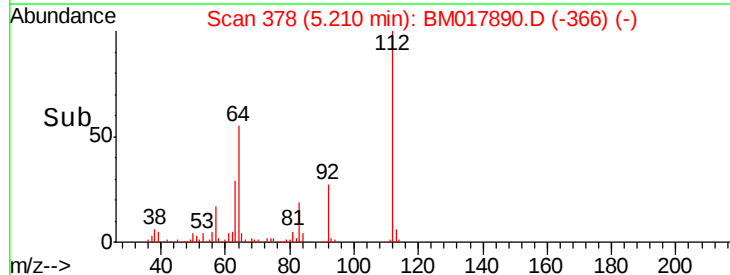
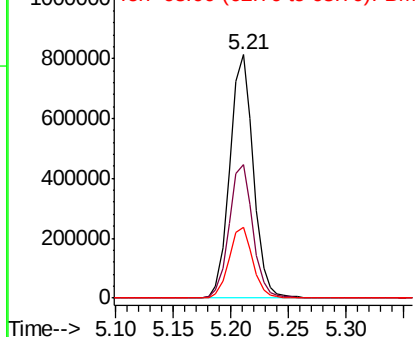
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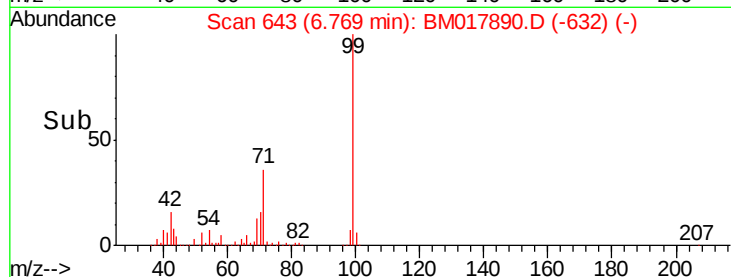
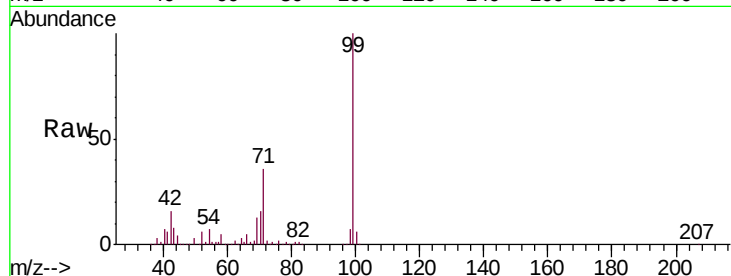
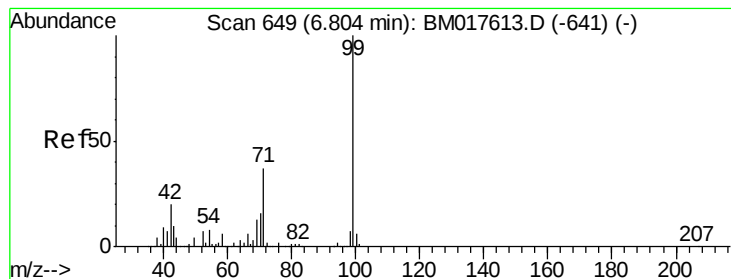
2-Fluorophenol
Concen: 108.429 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Tgt Ion:112 Resp: 1148724
Ion Ratio Lower Upper
112 100
64 54.8 49.3 73.9
63 29.1 26.2 39.4



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: 91.700 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Instrument :

BNA_M

ClientSampleId :

TR-04-113018

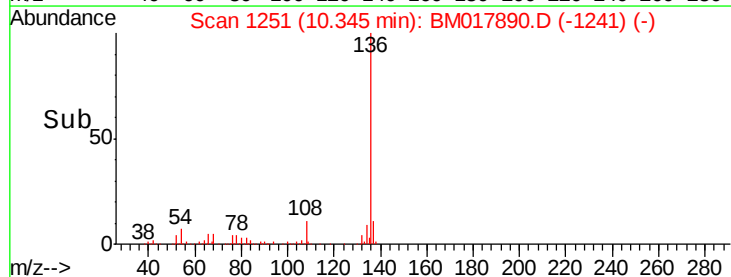
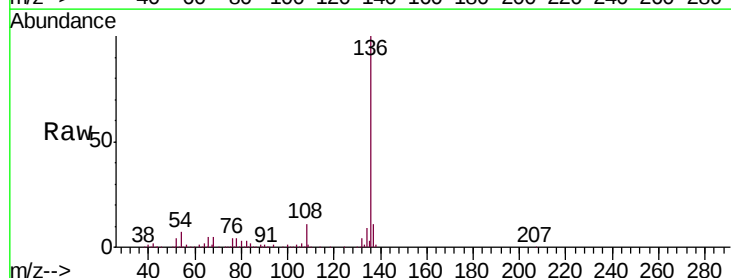
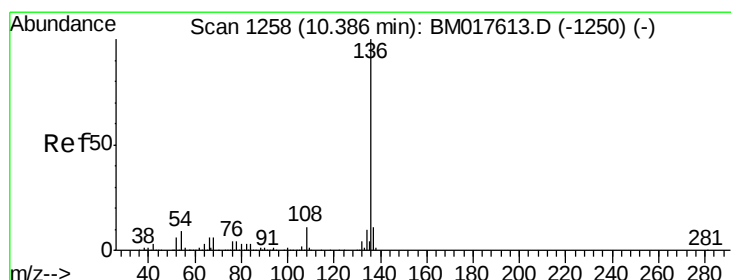
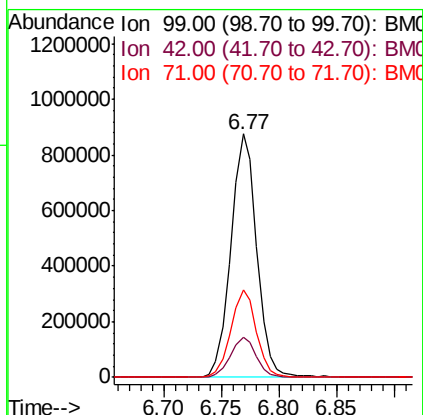
Tgt Ion: 99 Resp: 1356823

Ion Ratio Lower Upper

99 100

42 16.3 16.3 24.5#

71 35.9 29.8 44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Tgt Ion: 136 Resp: 730937

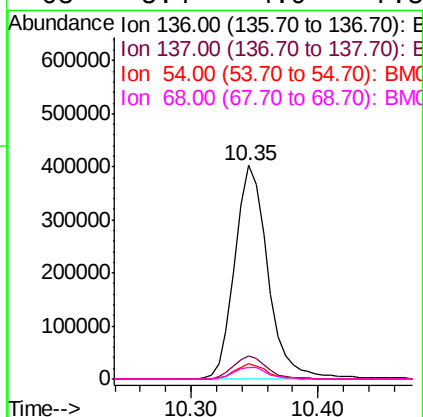
Ion Ratio Lower Upper

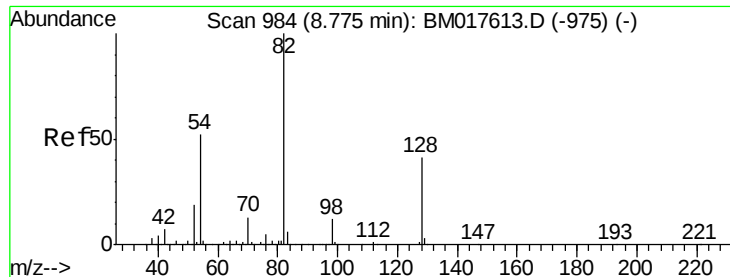
136 100

137 11.0 8.6 12.8

54 7.0 7.0 10.6#

68 5.4 4.9 7.3

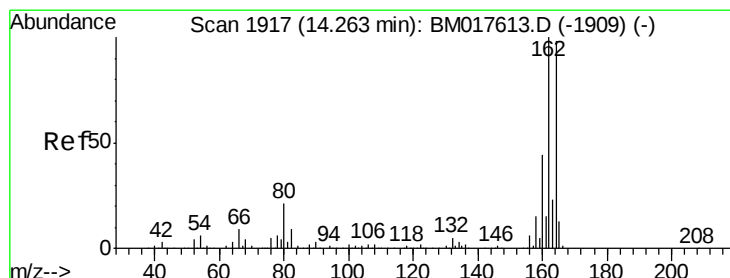
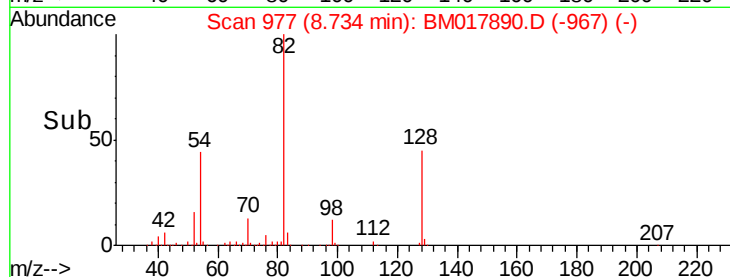
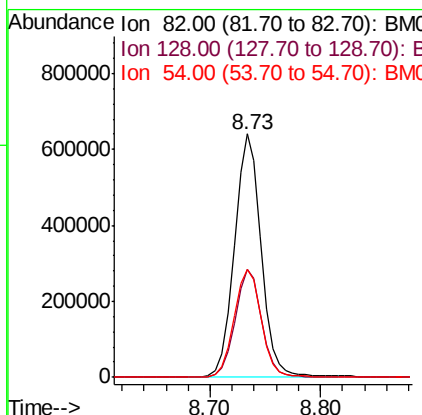
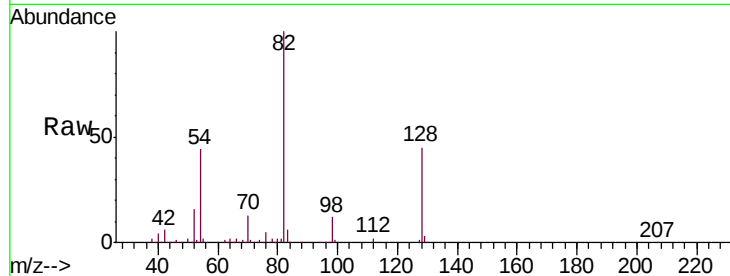




#23
Nitrobenzene-d5
Concen: 76.730 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

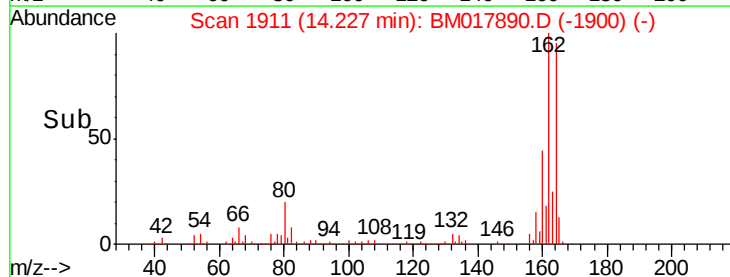
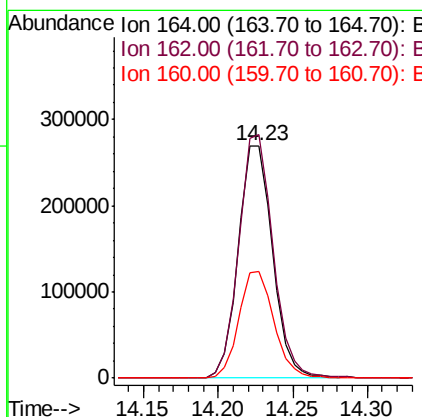
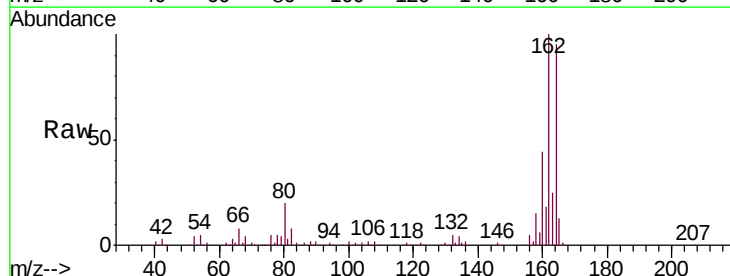
Instrument :
BNA_M
ClientSampleId :
TR-04-113018

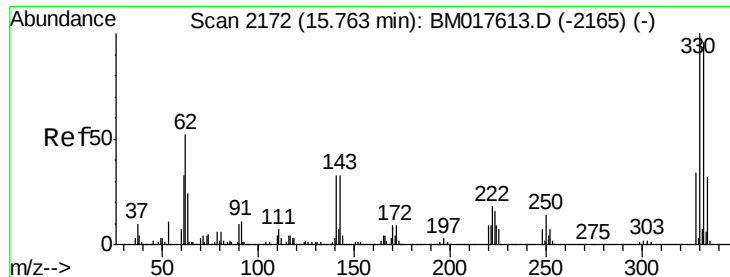
Tgt Ion: 82 Resp: 1086382
Ion Ratio Lower Upper
82 100
128 44.5 33.0 49.4
54 44.4 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Tgt Ion: 164 Resp: 431758
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 45.9 35.6 53.4

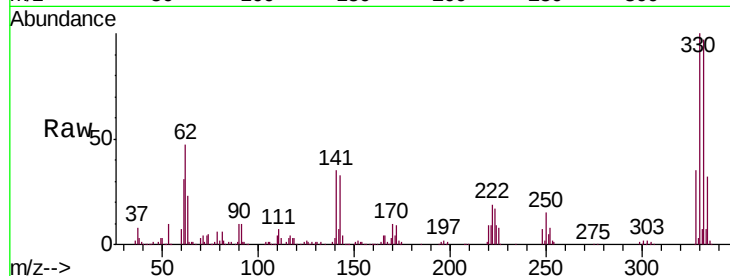




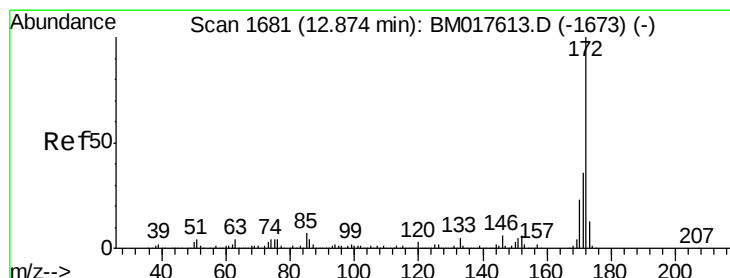
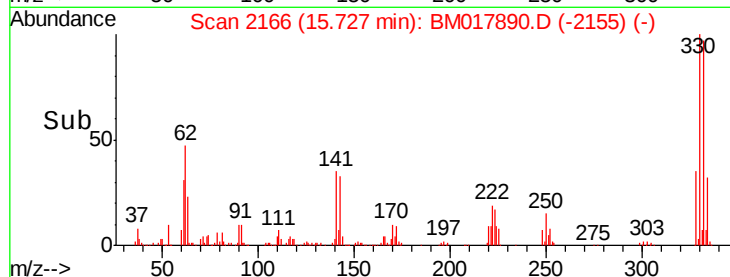
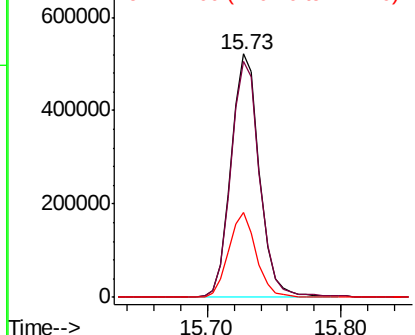
#42
 2,4,6-Tribromophenol
 Concen: 125.559 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017890.D
 Acq: 04 Dec 2018 00:55

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-113018

Tgt Ion:330 Resp: 778936
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.9 116.9
 141 34.0 27.5 41.3

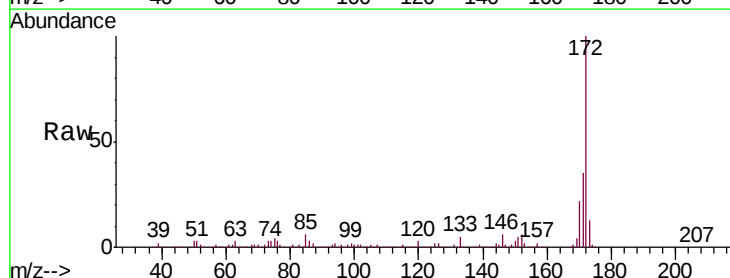


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

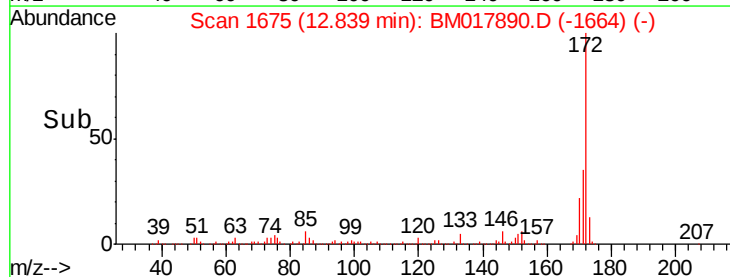
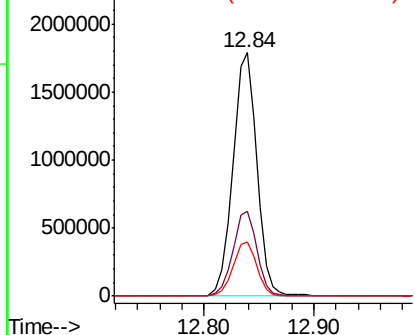


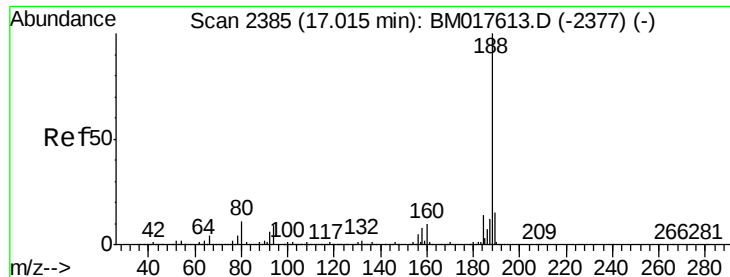
#45
 2-Fluorobiphenyl
 Concen: 82.094 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017890.D
 Acq: 04 Dec 2018 00:55

Tgt Ion:172 Resp: 2732112
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.7 43.1
 170 22.5 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: 16.98 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Instrument :

BNA_M

ClientSampleId :

TR-04-113018

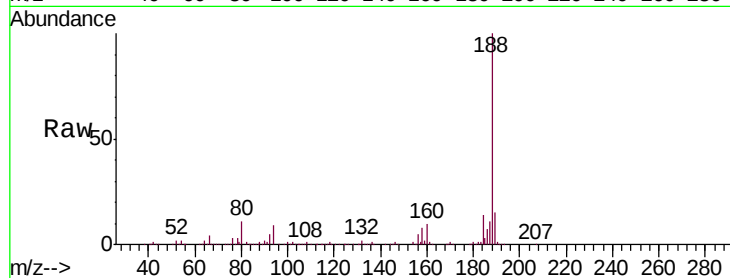
Tgt Ion:188 Resp: 975414

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

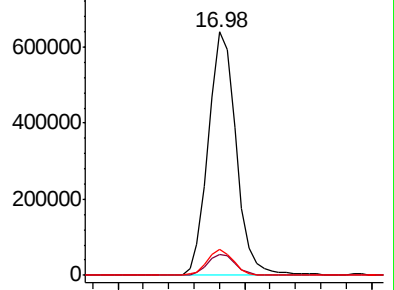
80 10.9 8.6 13.0



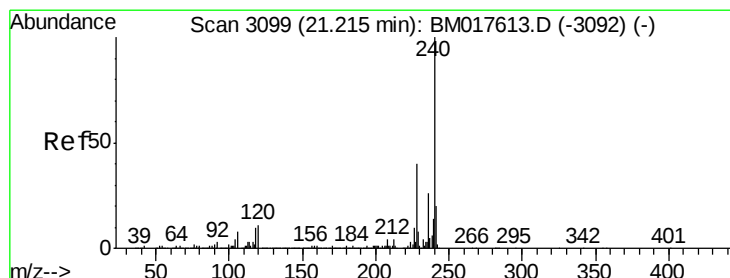
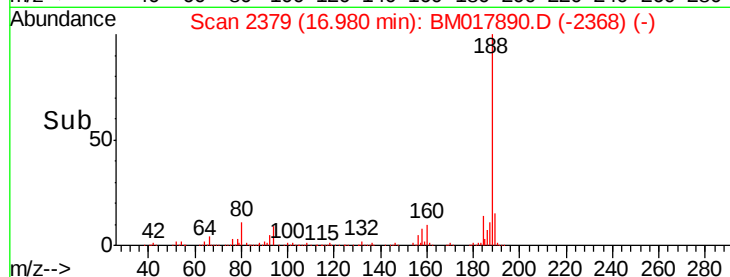
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

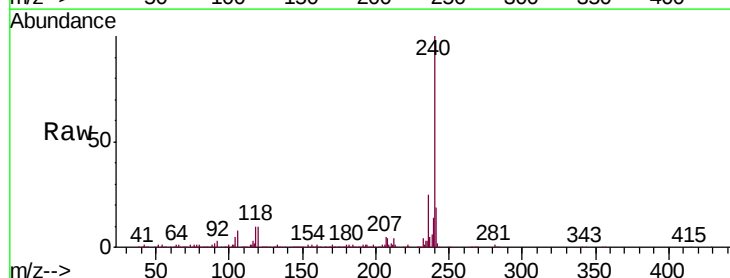
Tgt Ion:240 Resp: 913233

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

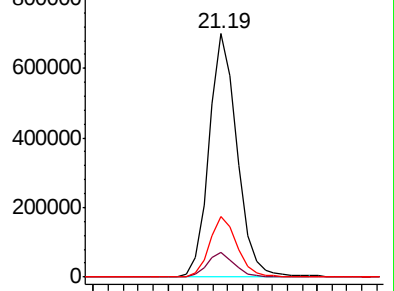
236 25.0 20.4 30.6



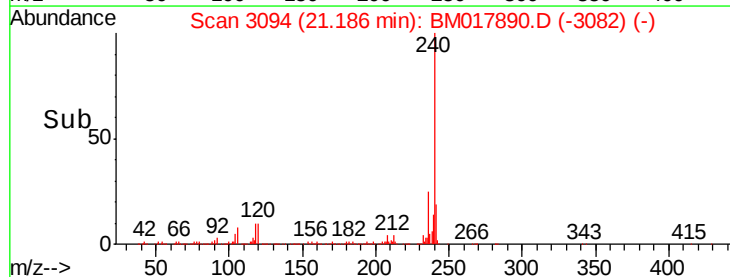
Abundance Ion 240.00 (239.70 to 240.70): E

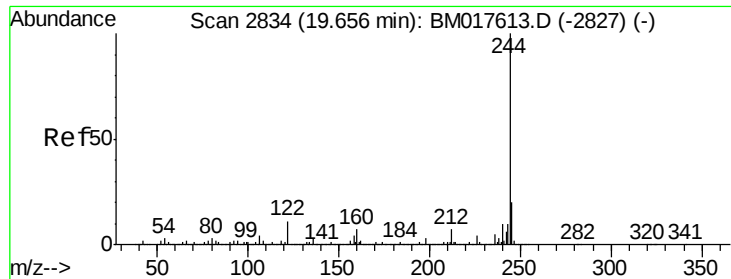
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 106.641 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017890.D

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Instrument :

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TR-04-113018

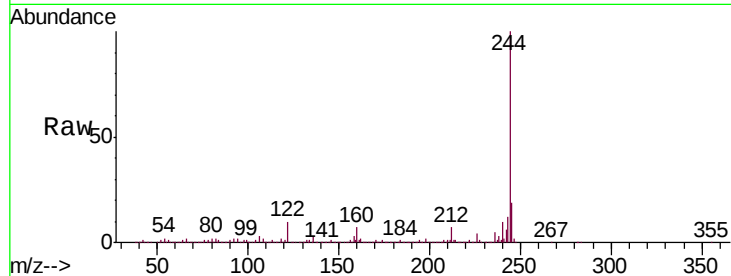
Tgt Ion:244 Resp: 4296989

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

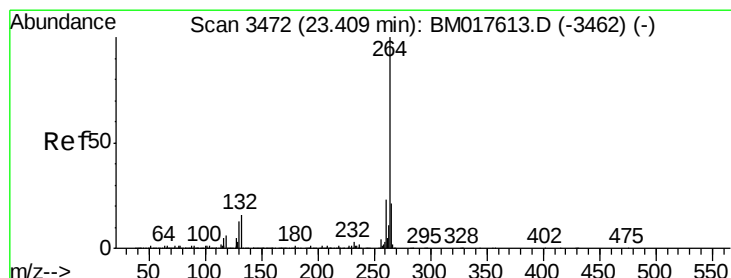
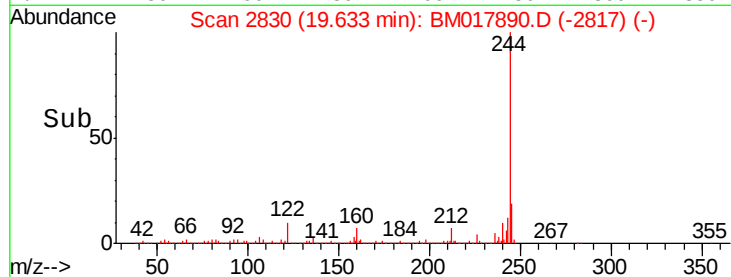
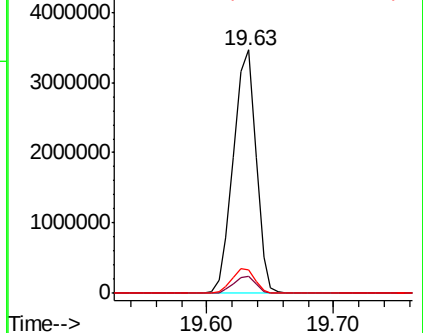
122 9.7 9.0 13.6



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: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

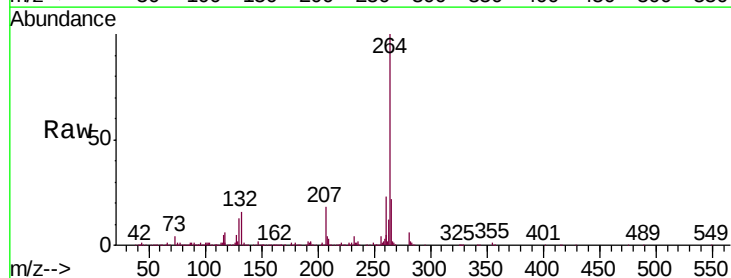
Tgt Ion:264 Resp: 789975

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 22.0 17.5 26.3



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

