

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017368.D
 Acq On : 27 Oct 2018 03:11
 Operator : MJ/SJ
 Sample : PB114211BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BL

Quant Time: Oct 27 04:26:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242181	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	991048	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	625001	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1599059	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1835041	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1618275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1282256	89.55	ng	-0.02
7) Phenol-d6	6.83	99	1743984	89.43	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1544383	91.14	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	821337	97.17	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3950557	84.10	ng	-0.02
79) Terphenyl-d14	19.69	244	7285518	89.49	ng	-0.02

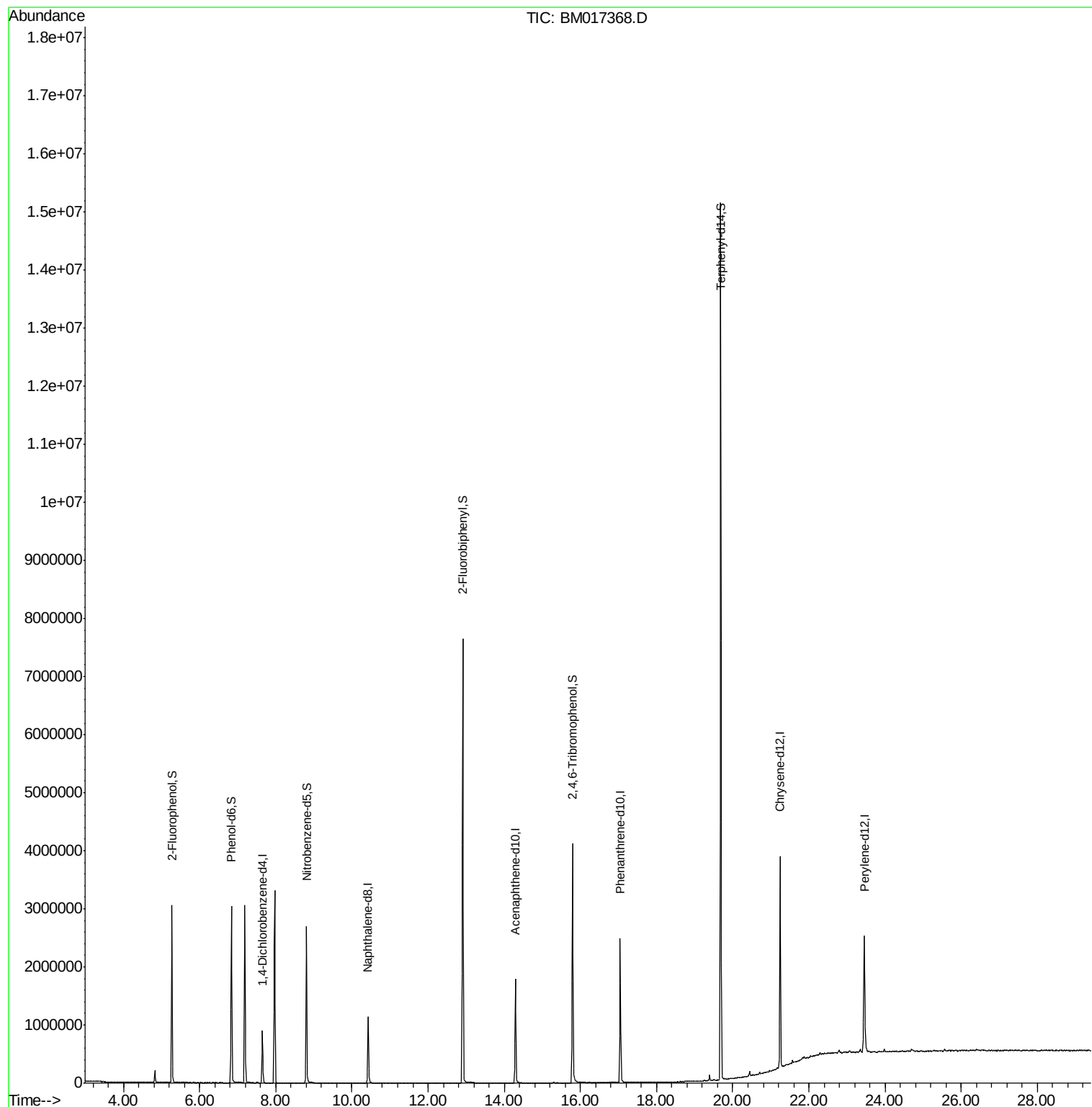
Target Compounds Qvalue

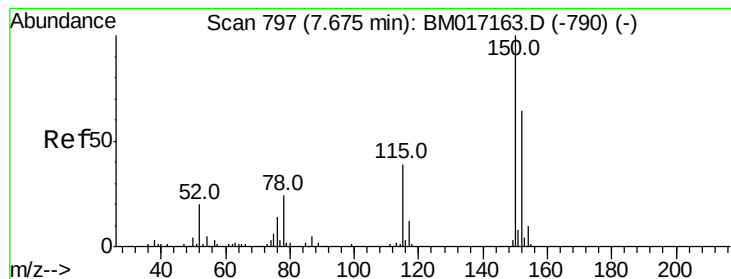
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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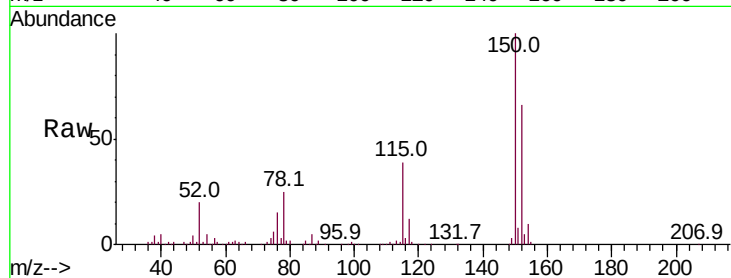


#1

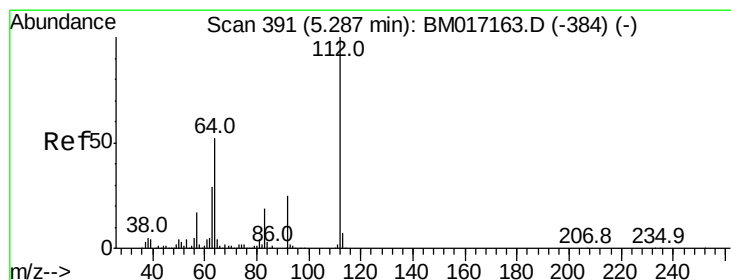
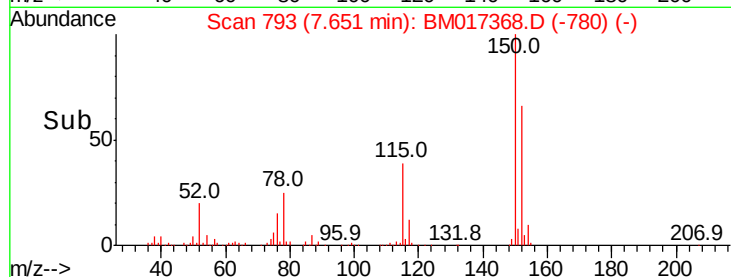
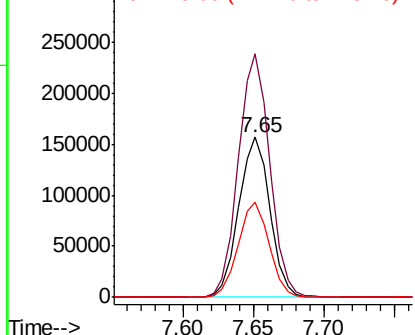
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017368.D
Acq: 27 Oct 2018 03:11

Instrument :
BNA_M
ClientSampleId :
PB114211BL

Tot Ion:152 Resp: 242181
Ion Ratio Lower Upper
152 100
150 151.9 124.3 186.5
115 59.3 48.1 72.1



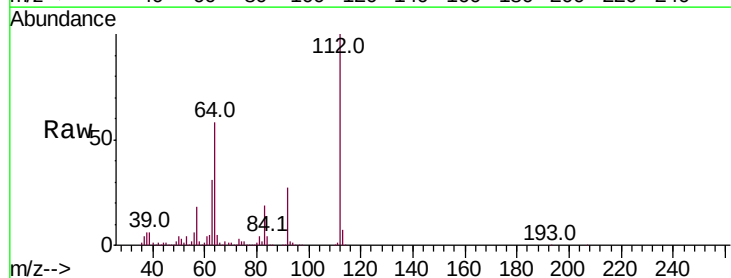
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



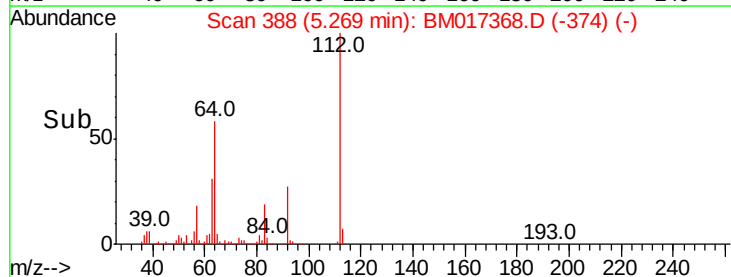
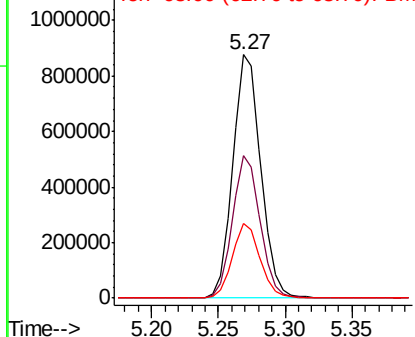
#5

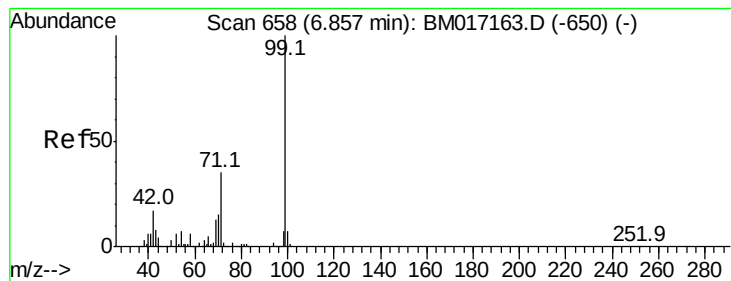
2-Fluorophenol
Concen: 89.550 ng
RT: 5.27 min Scan# 388
Delta R.T. -0.02 min
Lab File: BM017368.D
Acq: 27 Oct 2018 03:11

Tgt Ion:112 Resp: 1282256
Ion Ratio Lower Upper
112 100
64 58.4 41.7 62.5
63 30.7 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: 89.428 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

Instrument :

BNA_M

ClientSampled :

PB114211BL

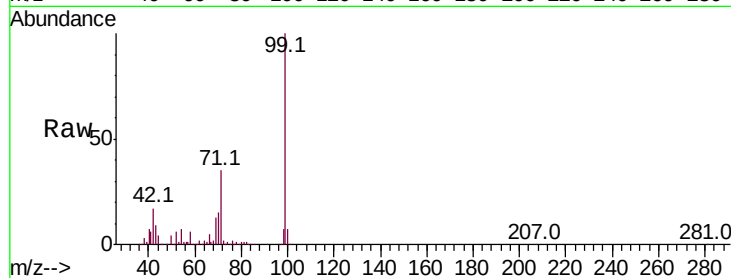
Tot Ion: 99 Resp: 1743984

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

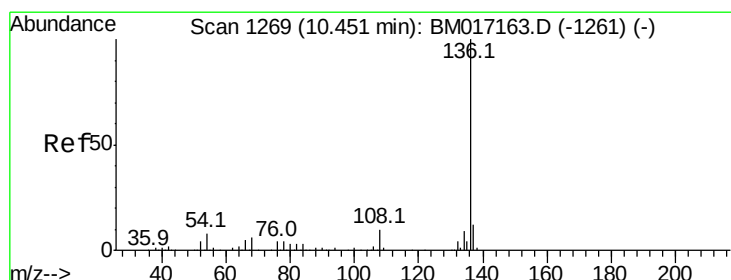
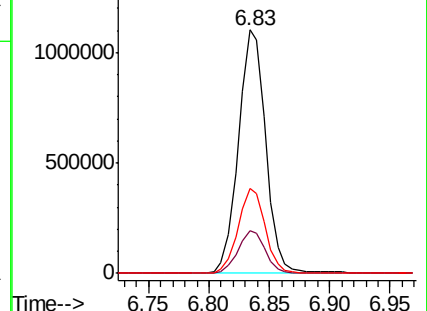
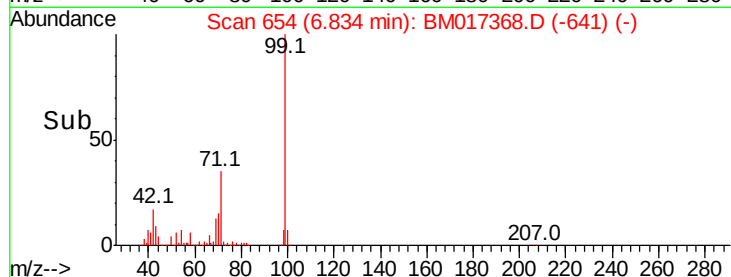
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

Tgt Ion: 136 Resp: 991048

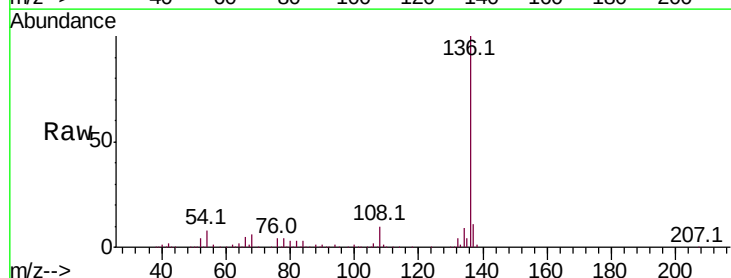
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.0 6.7 10.1

68 6.0 4.7 7.1

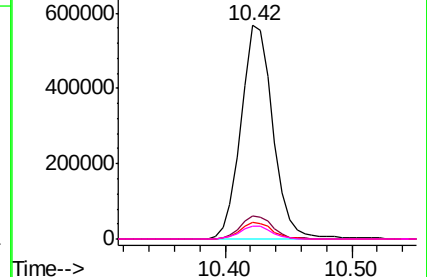
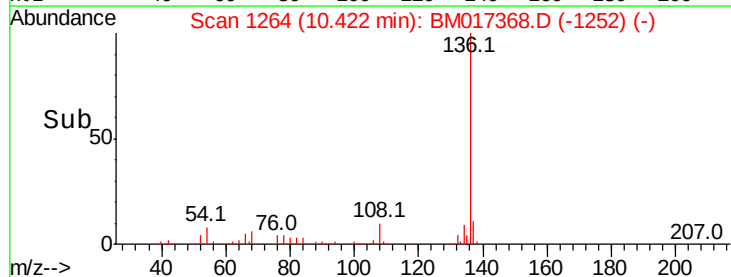


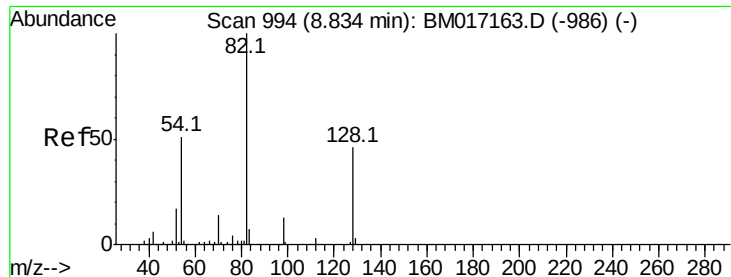
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

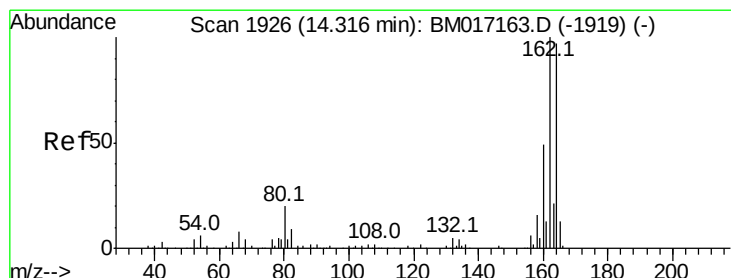
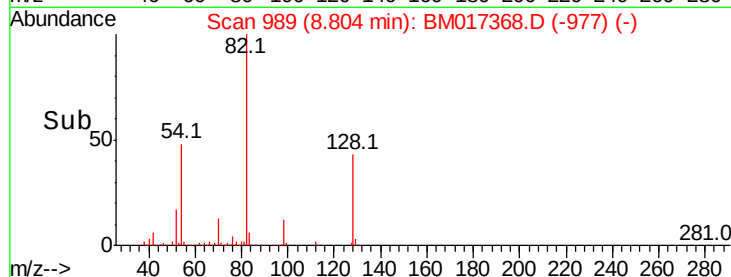
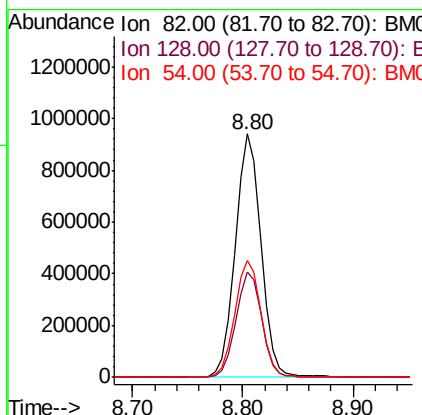
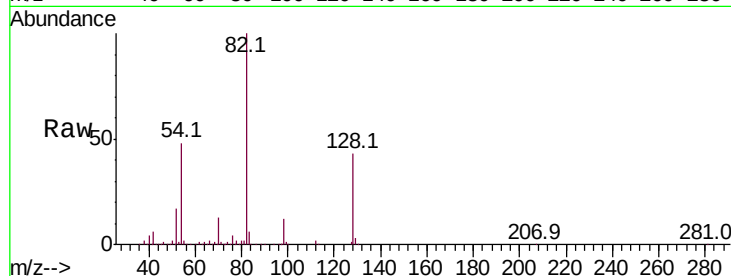




#23
Nitrobenzene-d5
Concen: 91.140 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017368.D
Acq: 27 Oct 2018 03:11

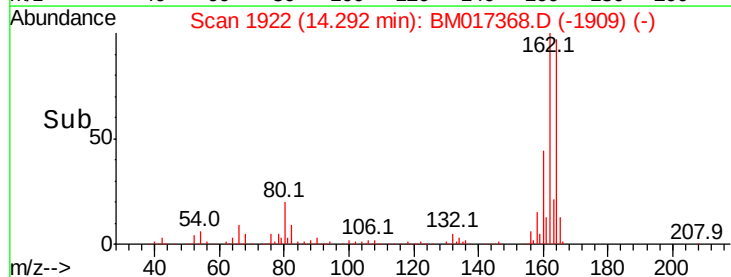
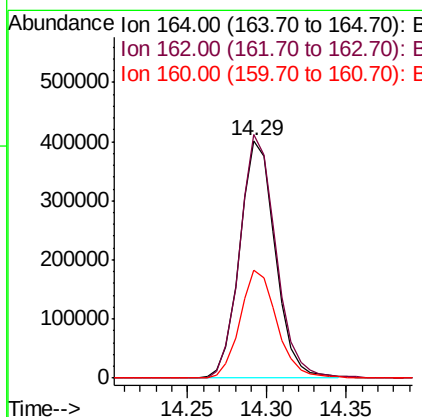
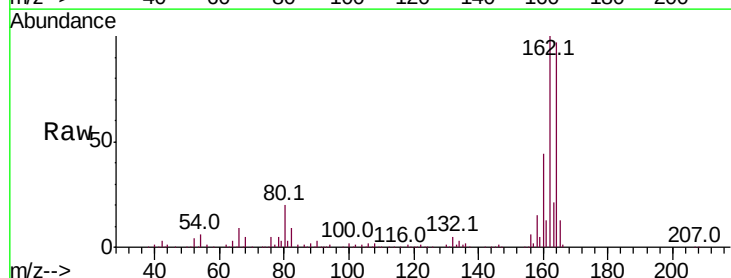
Instrument :
BNA_M
ClientSampleId :
PB114211BL

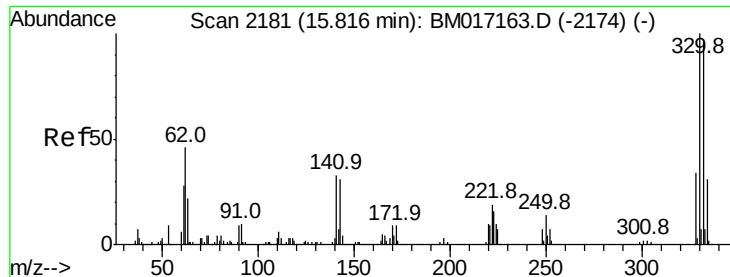
Tot Ion: 82 Resp: 1544383
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.6
54 48.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017368.D
Acq: 27 Oct 2018 03:11

Tgt Ion: 164 Resp: 625001
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 45.4 40.2 60.2

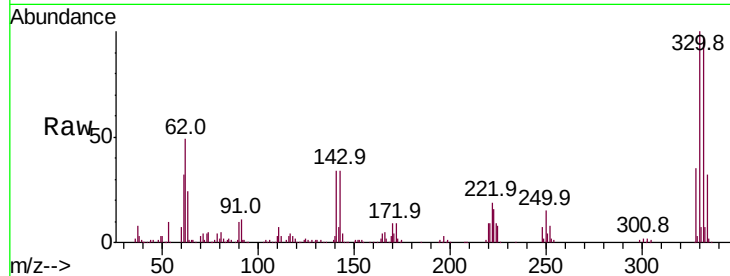




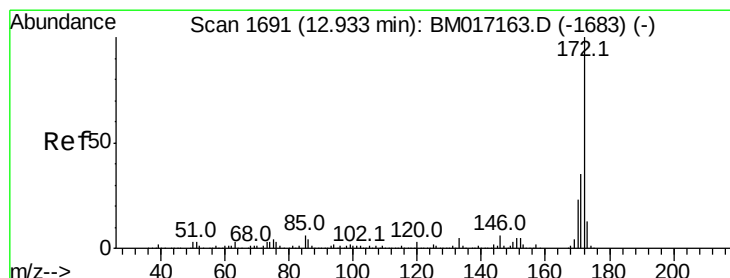
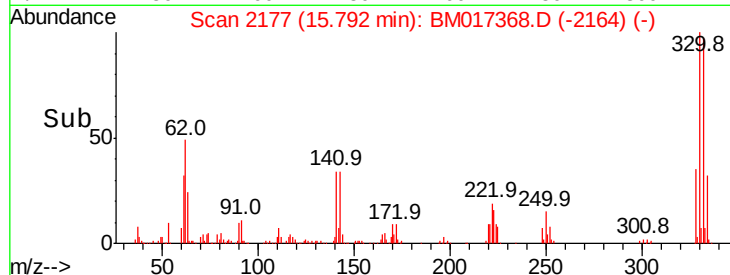
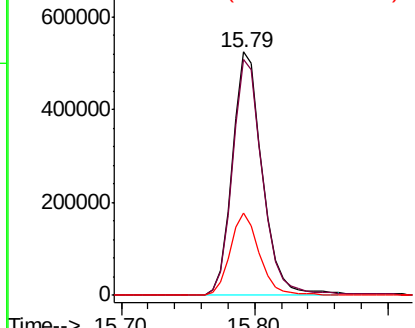
#42
 2,4,6-Tribromophenol
 Concen: 97.174 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017368.D
 Acq: 27 Oct 2018 03:11

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.0	27.4	41.0

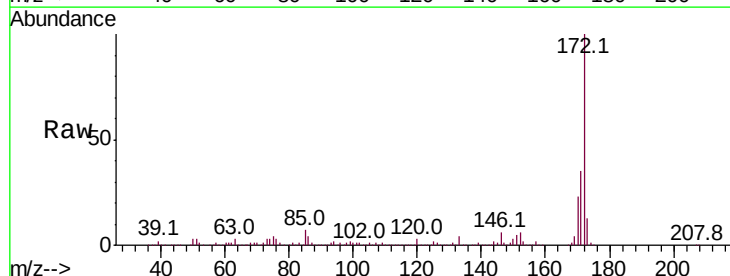


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

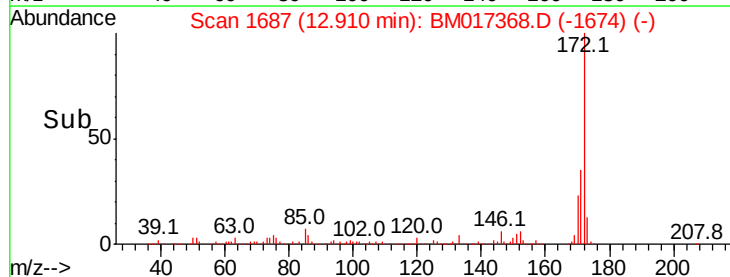
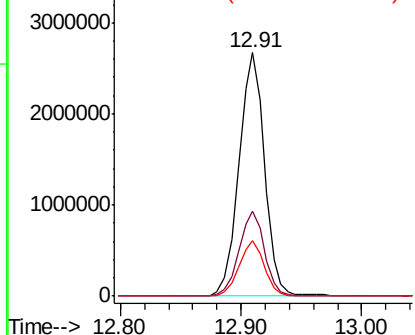


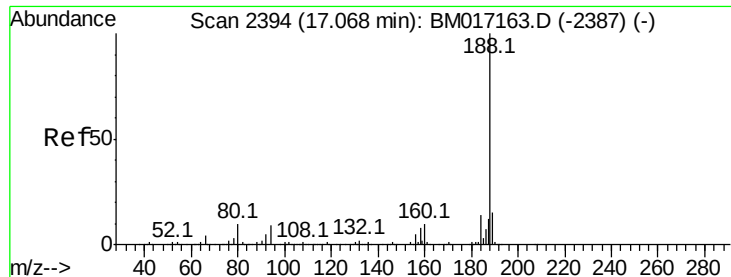
#45
 2-Fluorobiphenyl
 Concen: 84.102 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017368.D
 Acq: 27 Oct 2018 03:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.0	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: 17.04 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

Instrument :

BNA_M

ClientSampleId :

PB114211BL

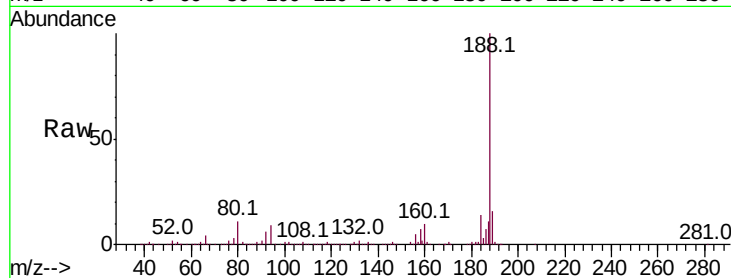
Tot Ion:188 Resp: 1599059

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

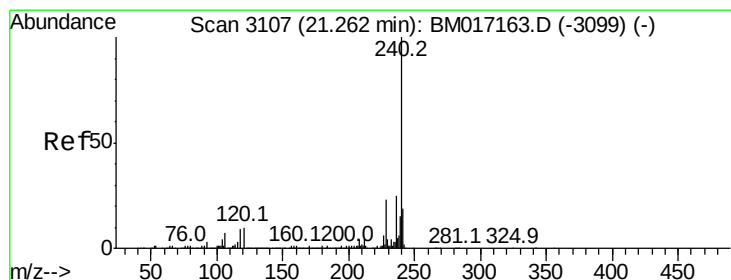
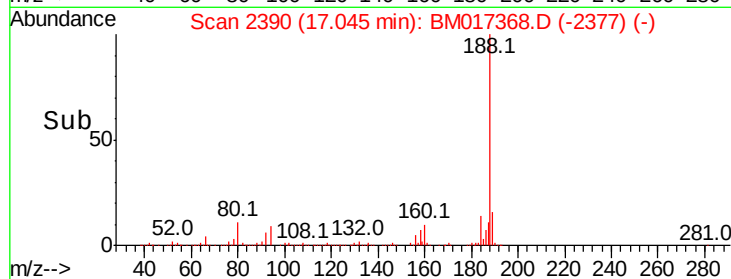
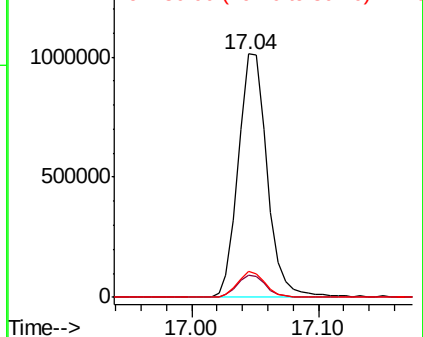
80 10.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

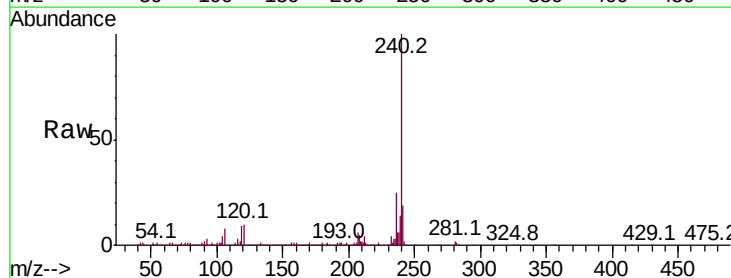
Tgt Ion:240 Resp: 1835041

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

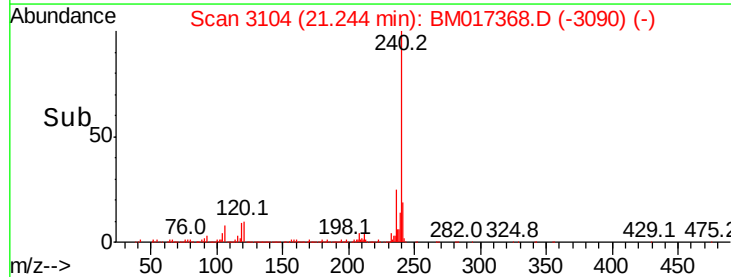
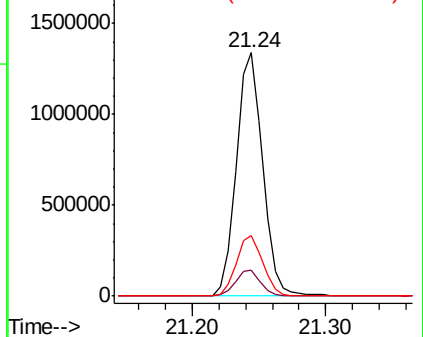
236 25.0 19.9 29.9

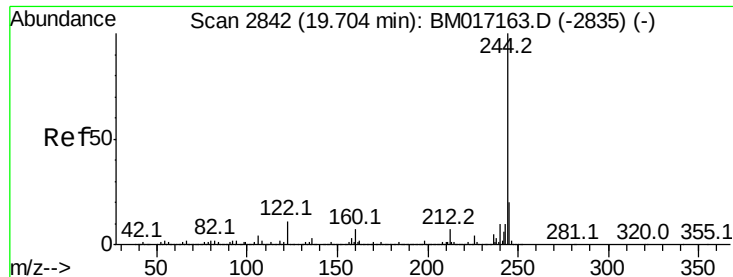


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.489 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

Instrument :

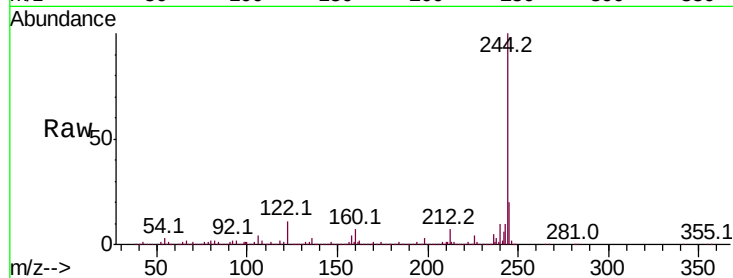
BNA_M

ClientSampleId :

PB114211BL

Tot Ion:244 Resp: 7285518

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	11.3	8.4	12.6

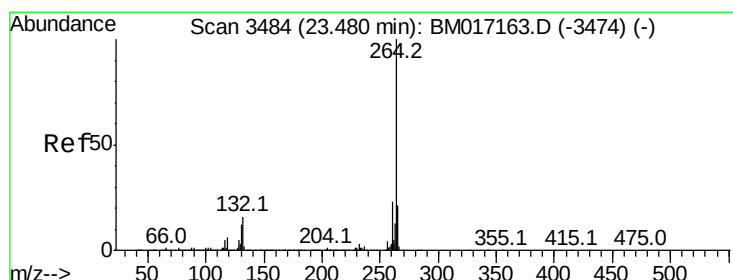
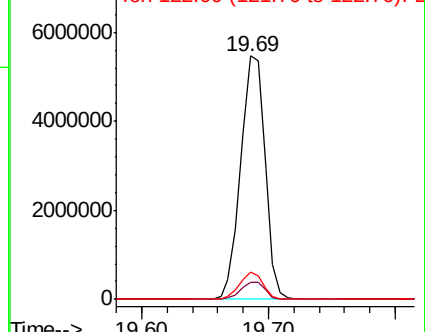
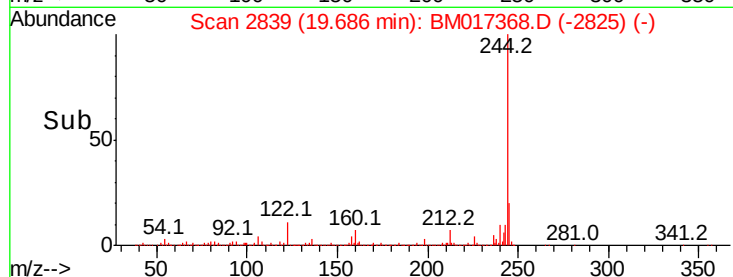


Abundance

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: 23.46 min Scan# 3480

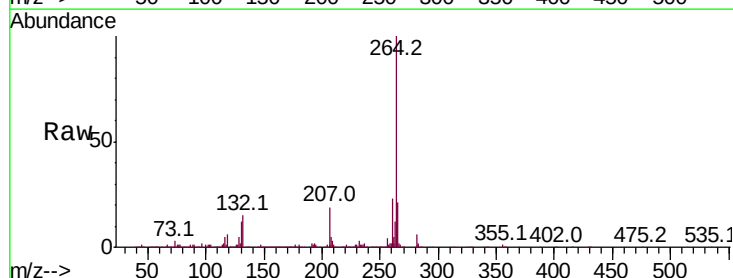
Delta R.T. -0.02 min

Lab File: BM017368.D

Acq: 27 Oct 2018 03:11

Tgt Ion:264 Resp: 1618275

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.1	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

