

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111518\
 Data File : BM017669.D
 Acq On : 15 Nov 2018 20:23
 Operator : MJ/SJ
 Sample : J5958-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 04:37:44 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

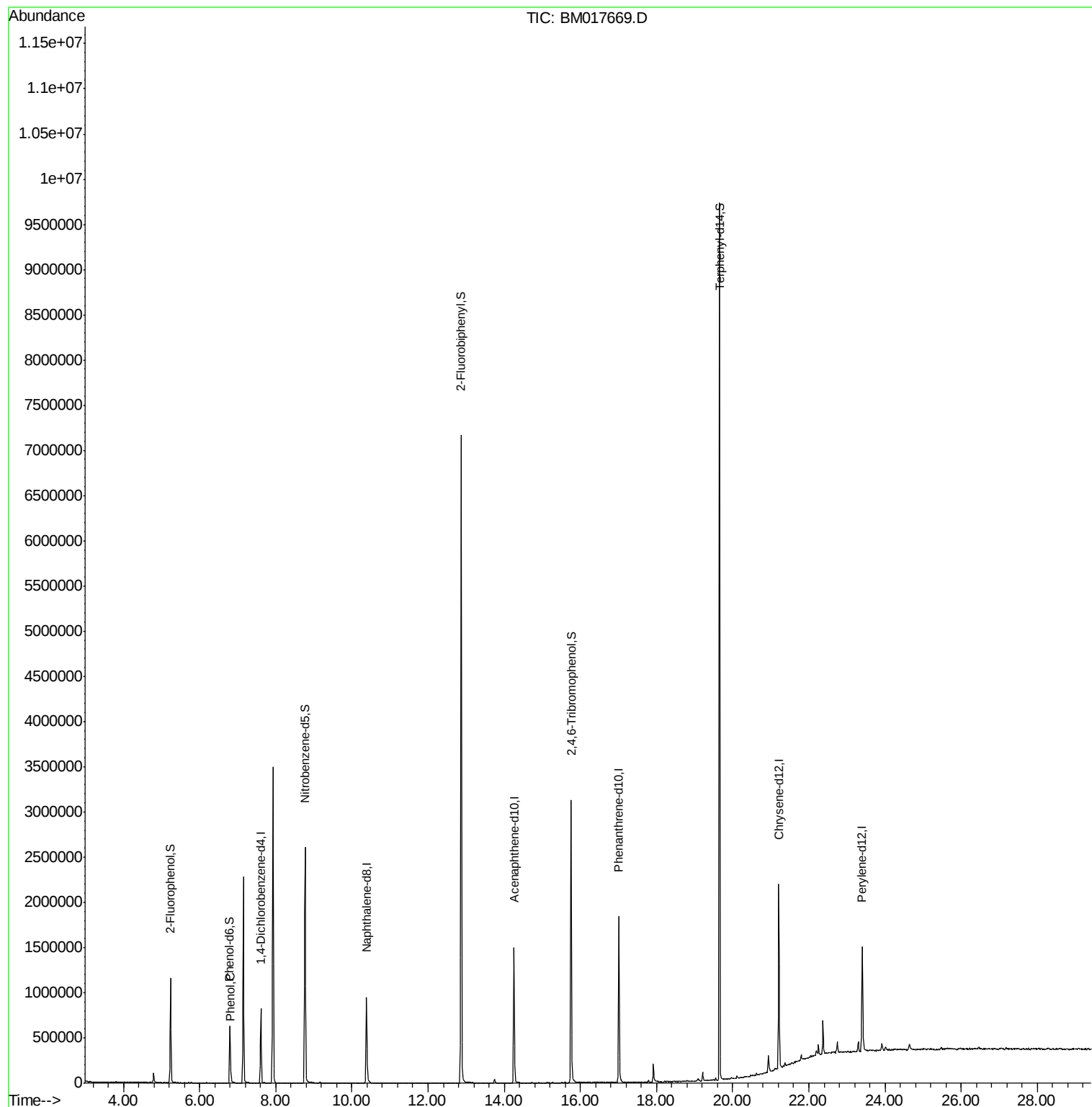
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	210332	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	846894	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	489350	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1115222	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1019313	20.00	ng	0.00
87) Perylene-d12	23.40	264	853762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	454817	36.49	ng	0.00
7) Phenol-d6	6.79	99	348043	20.00	ng	-0.01
23) Nitrobenzene-d5	8.77	82	1519518	92.63	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	577067	82.07	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3564615	94.50	ng	0.00
79) Terphenyl-d14	19.66	244	4288719	95.36	ng	0.00
Target Compounds						
10) Phenol	6.82	94	37986	2.079	ng	Qvalue 87

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

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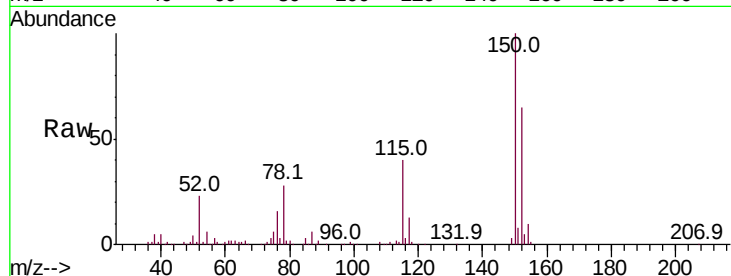


#1

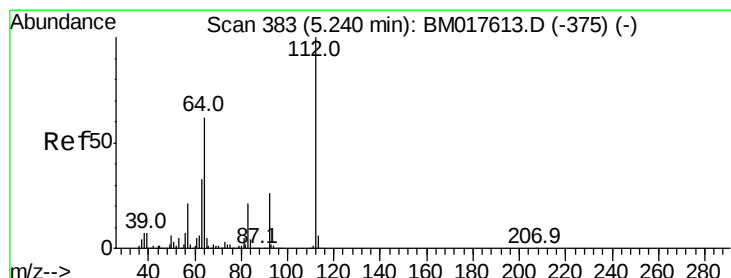
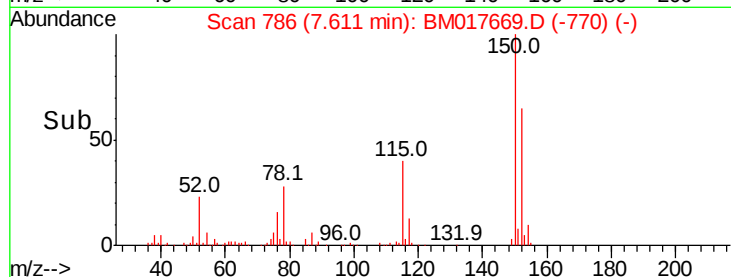
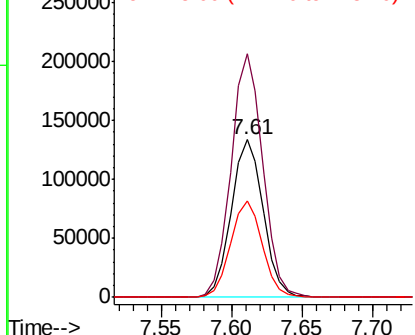
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 210332
Ion Ratio Lower Upper
152 100
150 154.5 126.4 189.6
115 61.2 49.4 74.0



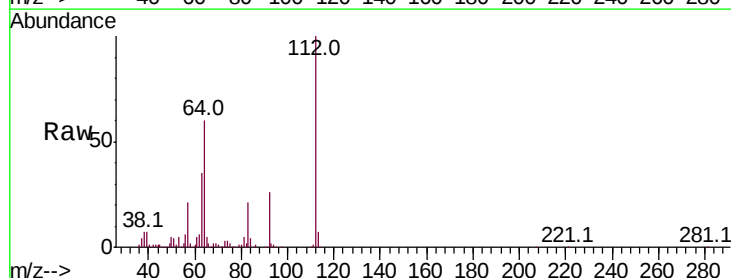
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



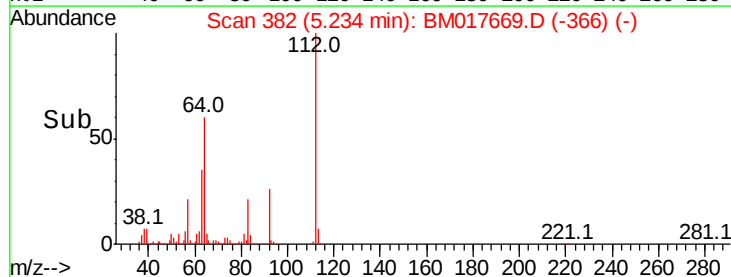
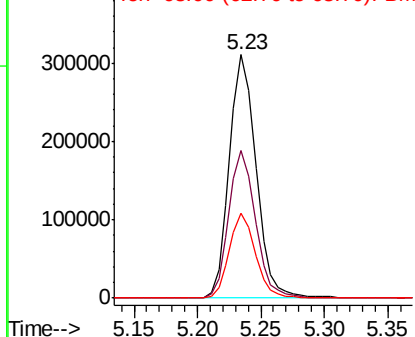
#5

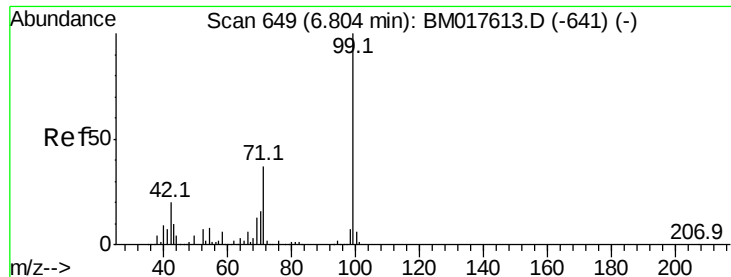
2-Fluorophenol
Concen: 36.493 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Tgt Ion:112 Resp: 454817
Ion Ratio Lower Upper
112 100
64 60.5 49.3 73.9
63 34.7 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: 19.995 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

Instrument :

BNA_M

ClientSampleId :

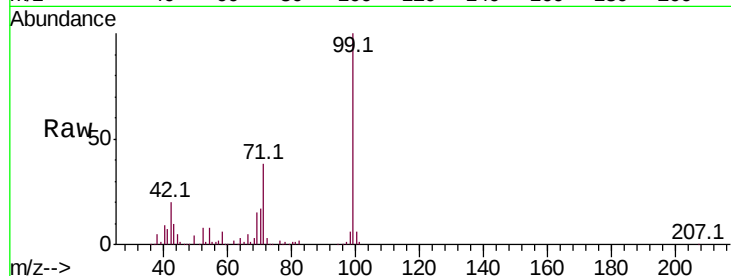
Tot Ion: 99 Resp: 348043

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

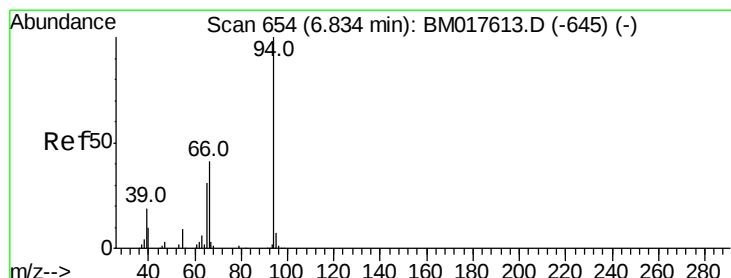
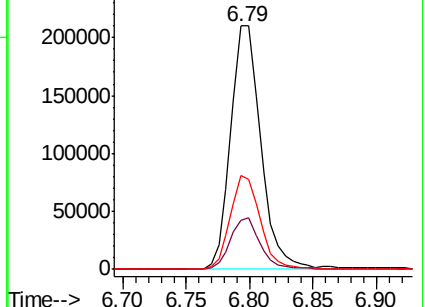
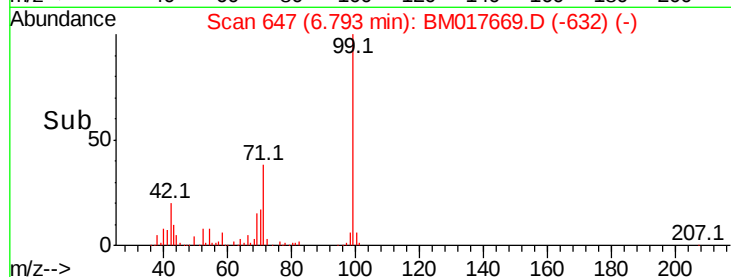
71 38.4 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#10

Phenol

Concen: 2.079 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

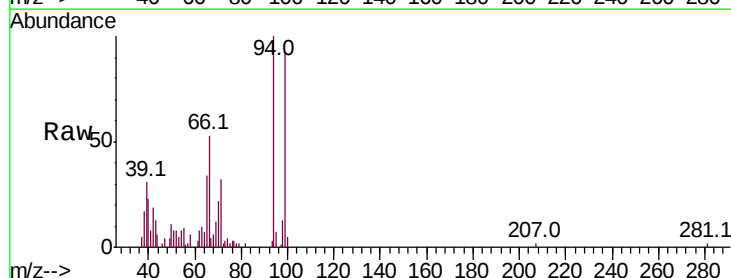
Tgt Ion: 94 Resp: 37986

Ion Ratio Lower Upper

94 100

65 34.3 11.4 51.4

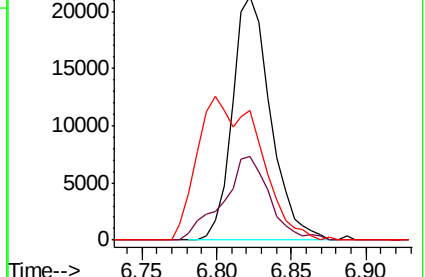
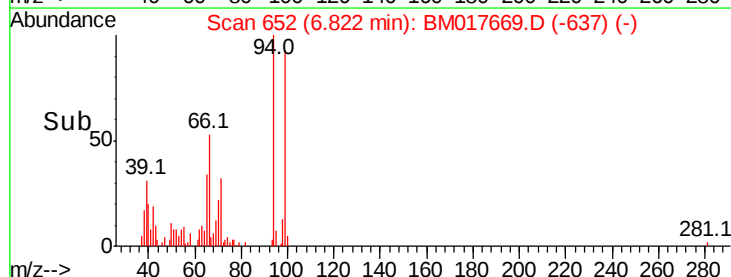
66 53.5 21.4 61.4

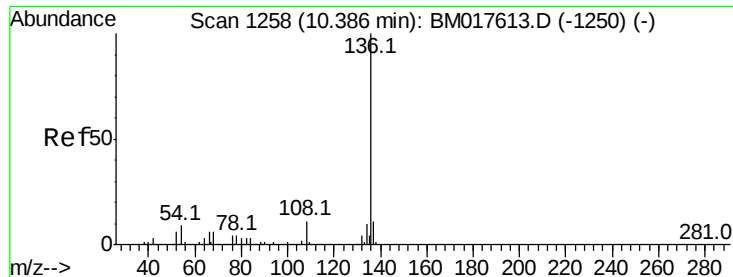


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

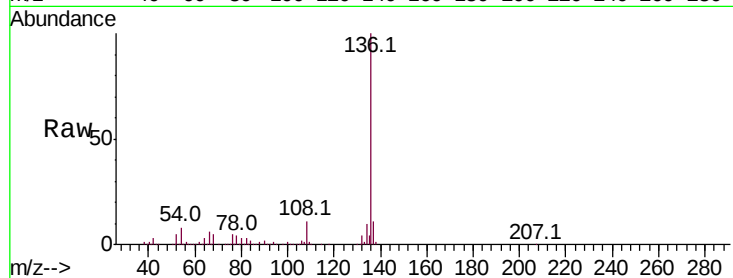




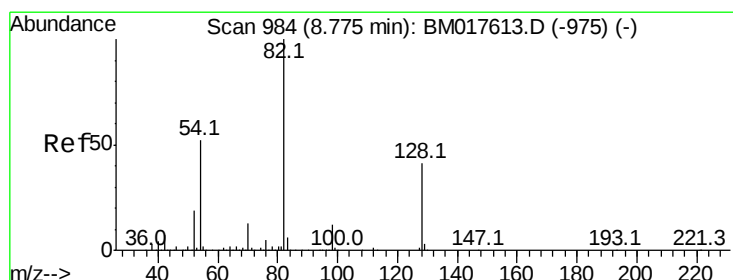
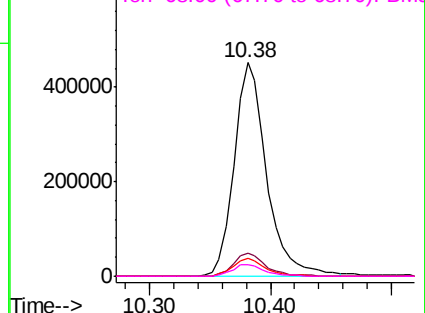
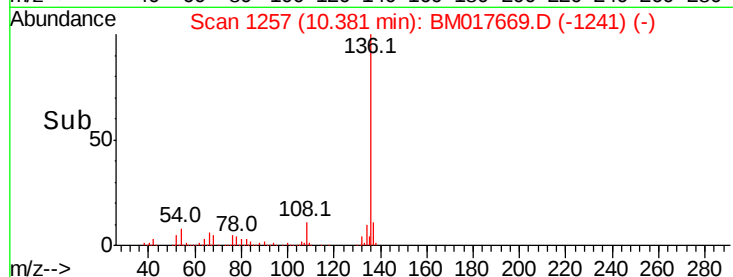
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	846894
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.2	7.0	10.6
68	5.5	4.9	7.3

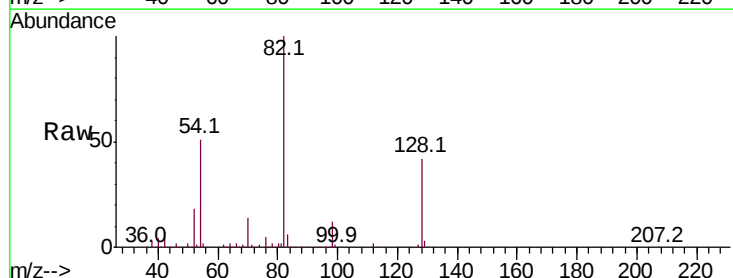


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

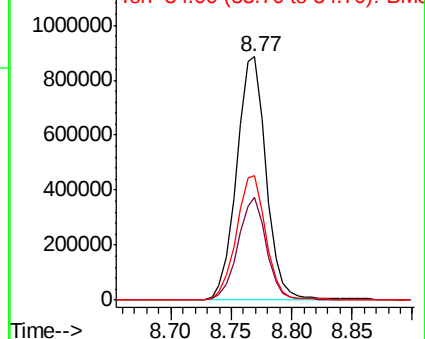
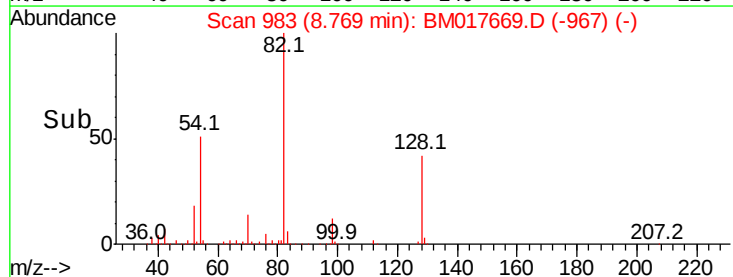


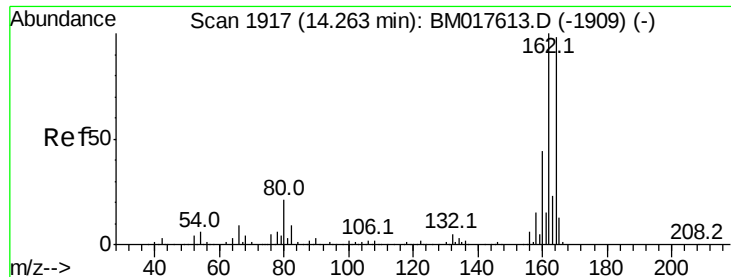
#23
Nitrobenzene-d5
Concen: 92.627 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Tgt Ion:	82	Resp:	1519518
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	51.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

Instrument :

BNA_M

ClientSampleId :

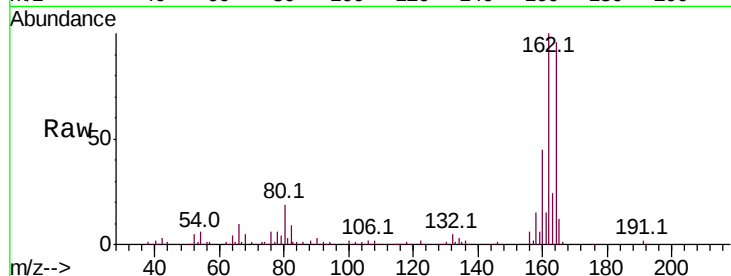
Tot Ion:164 Resp: 489350

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.0

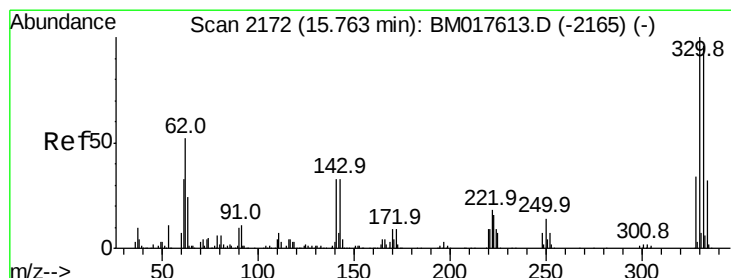
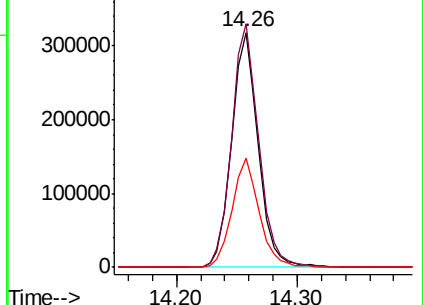
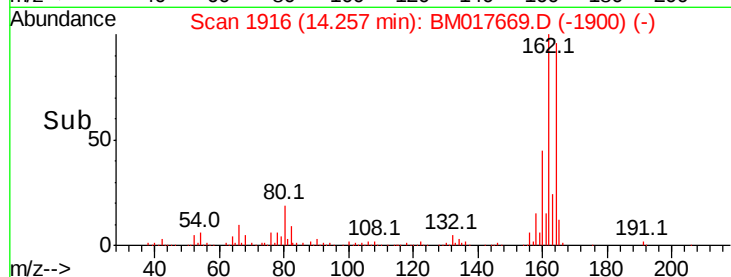
160 46.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 82.072 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

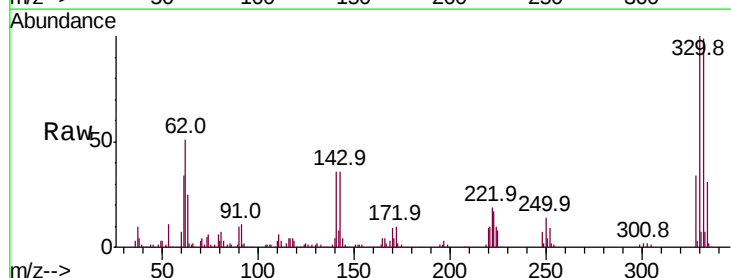
Tgt Ion:330 Resp: 577067

Ion Ratio Lower Upper

330 100

332 97.8 77.9 116.9

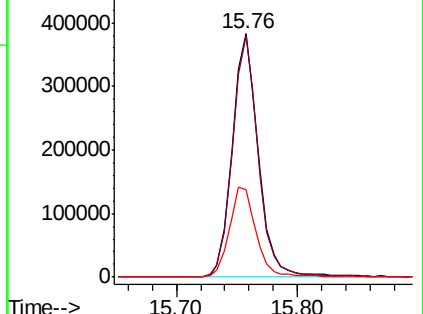
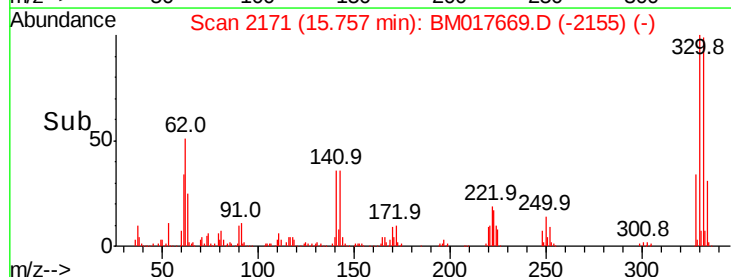
141 37.8 27.5 41.3

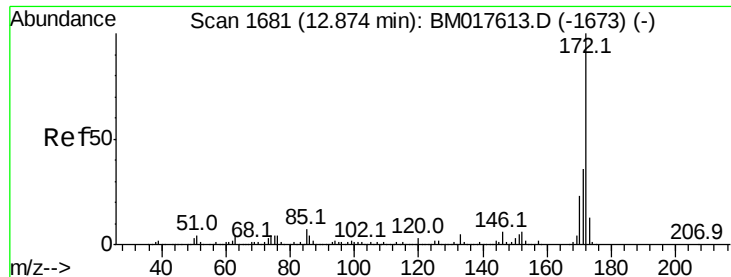


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

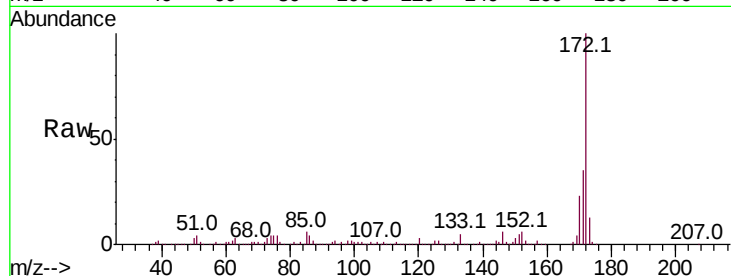




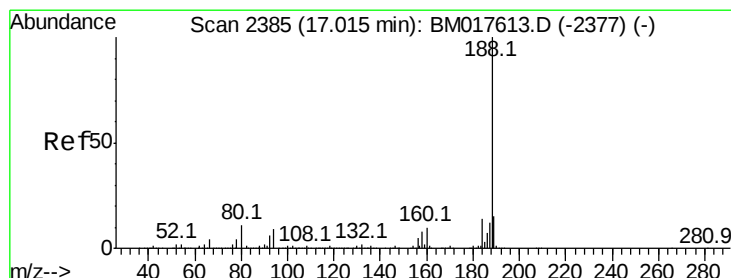
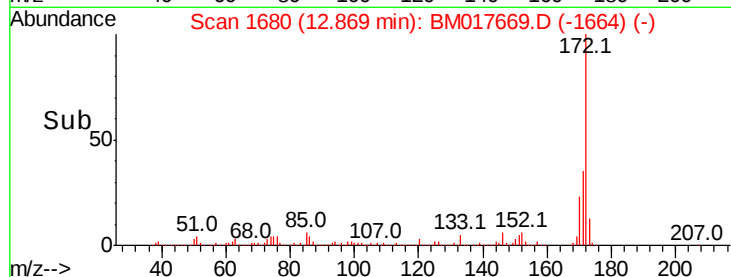
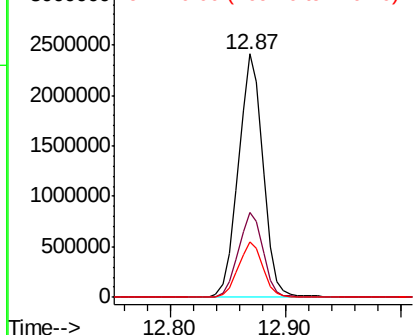
#45
2-Fluorobiphenyl
Concen: 94.503 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 3564615
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.0 18.3 27.5

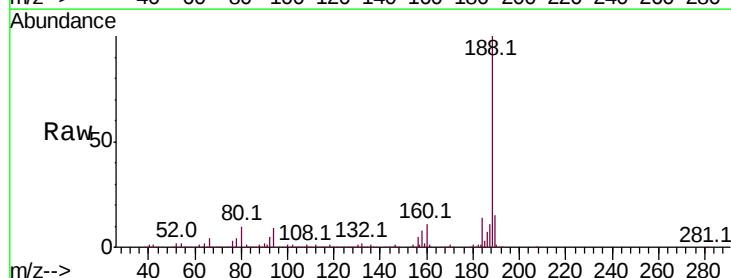


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

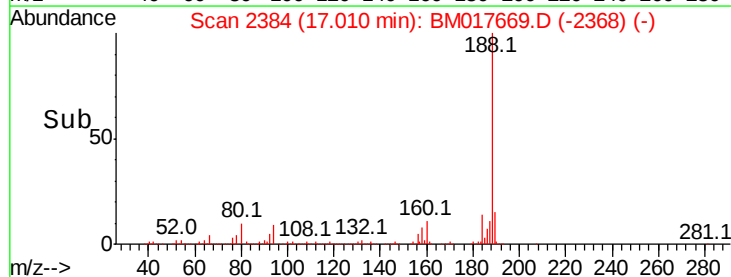
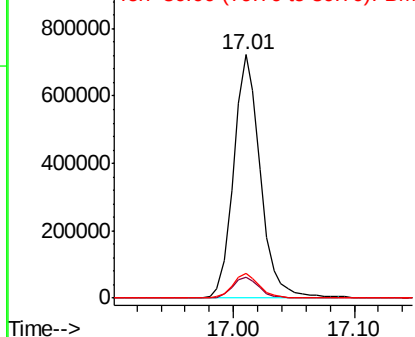


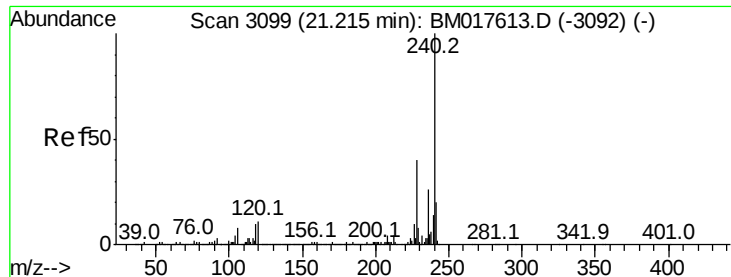
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Tgt Ion:188 Resp: 1115222
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.3 8.6 13.0



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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

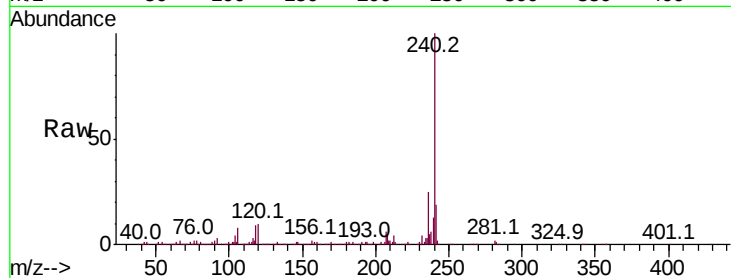
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1019313

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.5	12.7
236	24.7	20.4	30.6

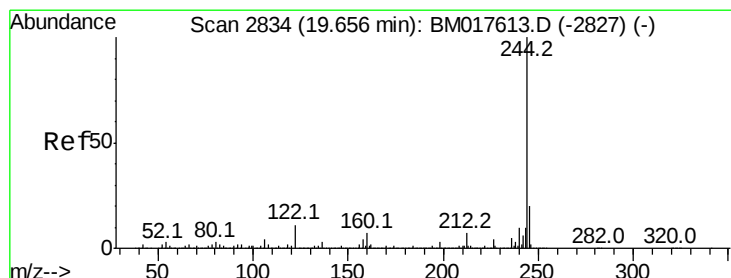
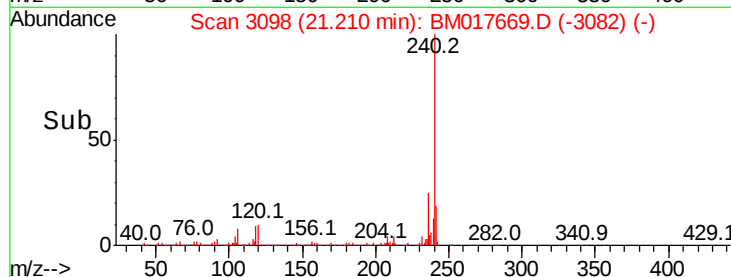
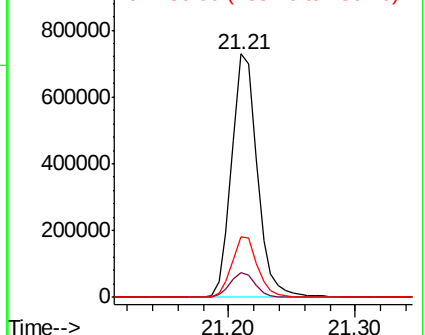


Abundance

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



#79

Terphenyl-d14

Concen: 95.359 ng

RT: 19.66 min Scan# 2834

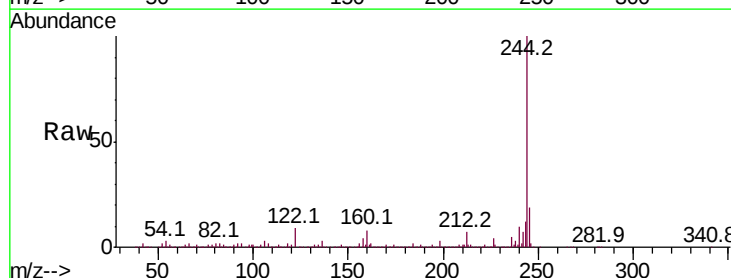
Delta R.T. 0.00 min

Lab File: BM017669.D

Acq: 15 Nov 2018 20:23

Tgt Ion:244 Resp: 4288719

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.4	9.0	13.6

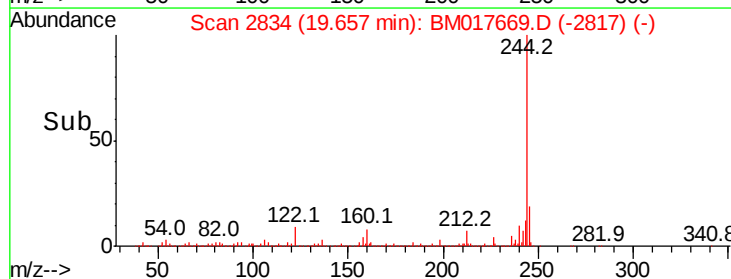
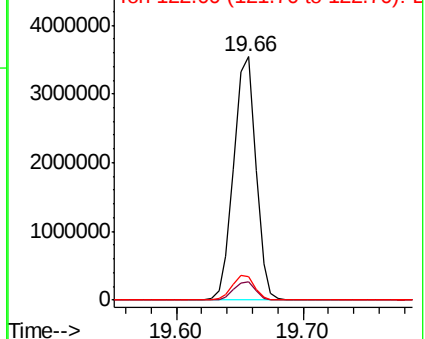


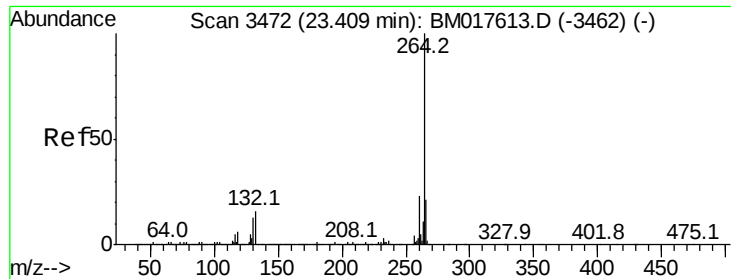
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM017669.D
Acq: 15 Nov 2018 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.6	17.5	26.3

