

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017639.D
 Acq On : 14 Nov 2018 02:15
 Operator : MJ/SJ
 Sample : J5918-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FIELD-BLANK

Quant Time: Nov 14 03:35:16 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	7.62	152	262087	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1061878	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	613340	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1390629	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1326997	20.00	ng	0.00
87) Perylene-d12	23.41	264	1084626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	735659	47.37	ng	0.00
7) Phenol-d6	6.80	99	570531	26.30	ng	0.00
23) Nitrobenzene-d5	8.77	82	1704563	82.87	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1033913	117.32	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3871008	81.88	ng	0.00
79) Terphenyl-d14	19.66	244	5726797	97.81	ng	0.00

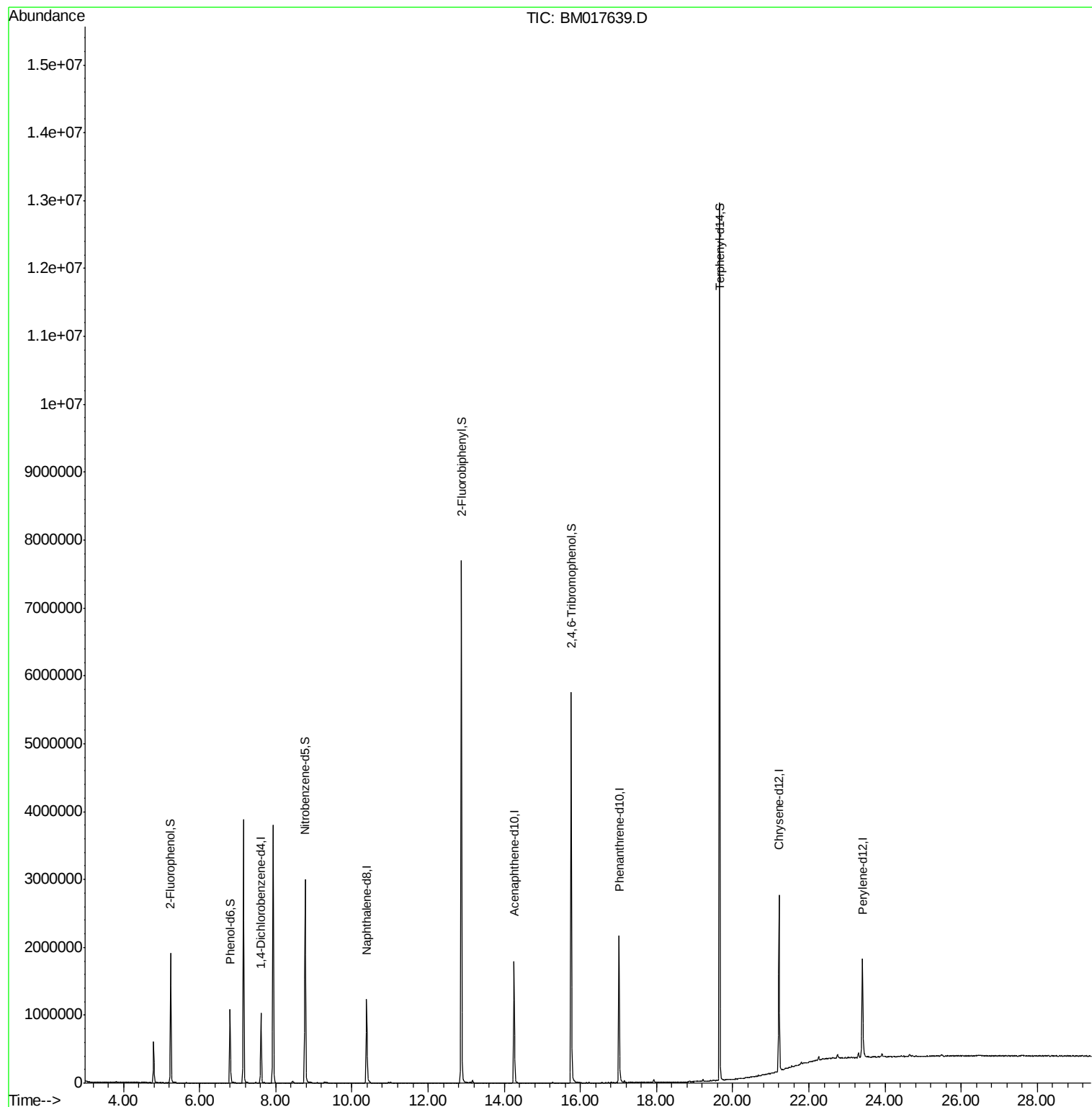
Target Compounds	Qvalue
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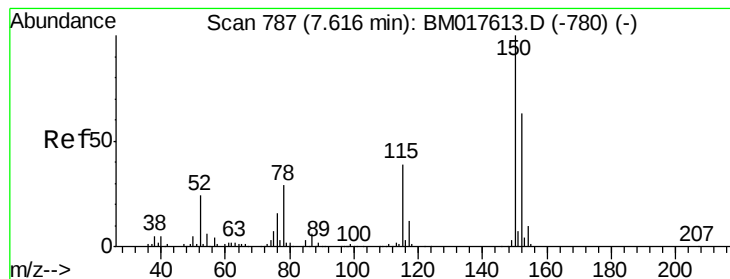
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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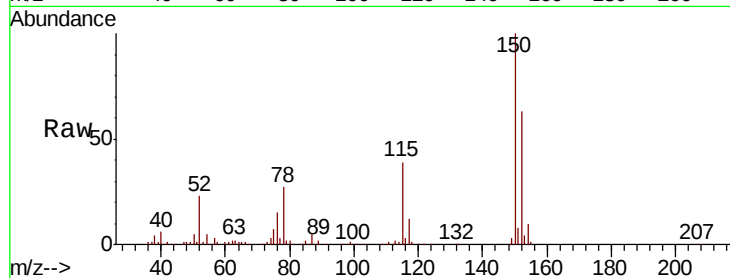


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.4	189.6
115	61.0	49.4	74.0

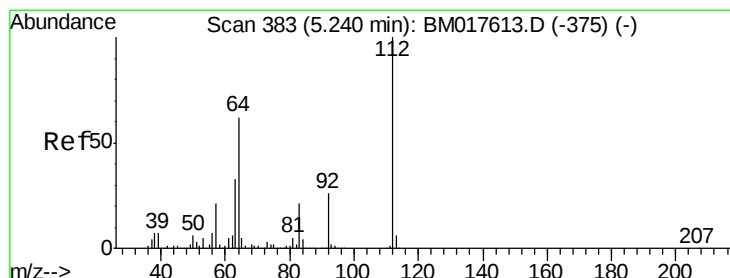
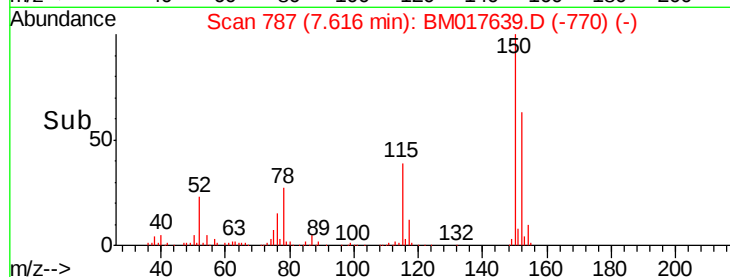
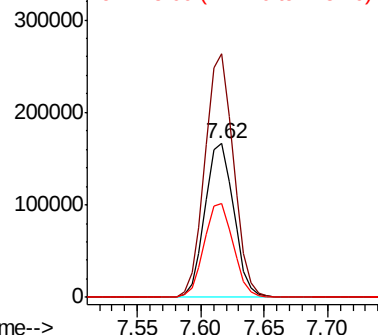


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

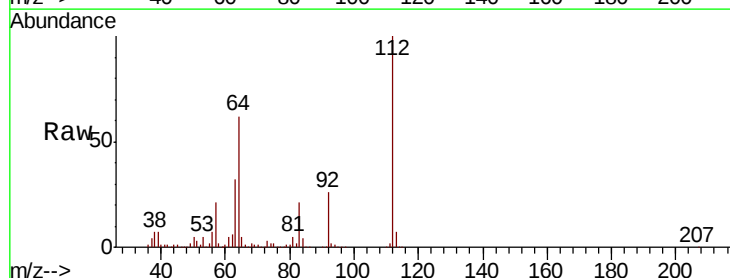
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.371 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.3	73.9
63	32.2	26.2	39.4

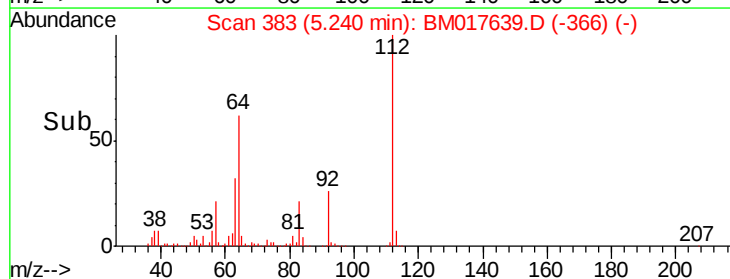
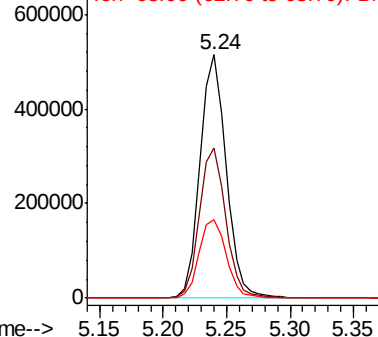


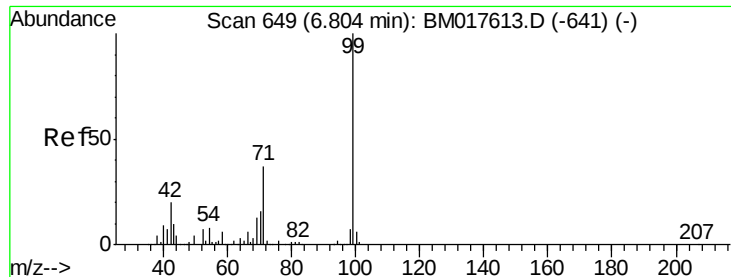
Abundance

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: 26.304 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017639.D

Acq: 14 Nov 2018 02:15

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK

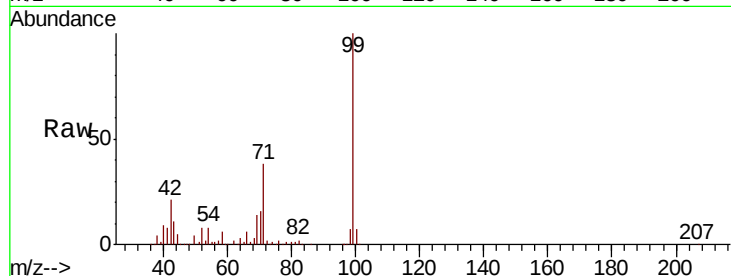
Tgt Ion: 99 Resp: 570531

Ion Ratio Lower Upper

99 100

42 20.7 16.3 24.5

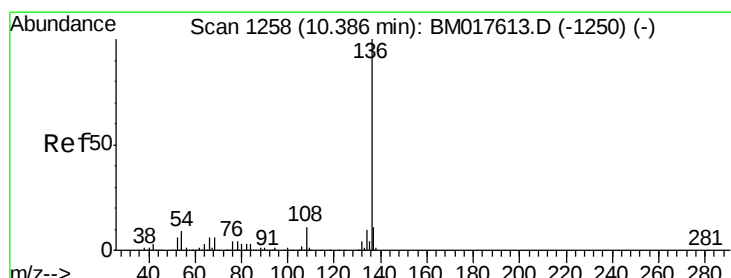
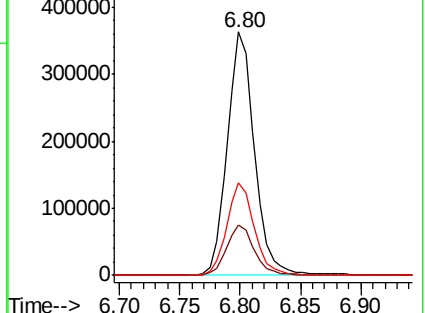
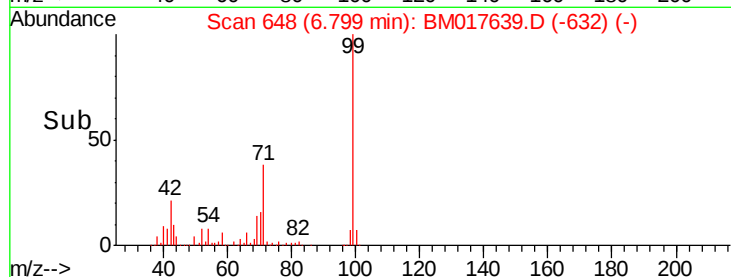
71 38.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017639.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017639.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017639.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017639.D

Acq: 14 Nov 2018 02:15

Tgt Ion: 136 Resp: 1061878

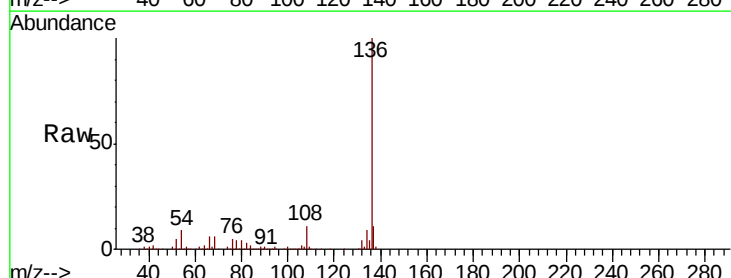
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 8.6 7.0 10.6

68 5.8 4.9 7.3

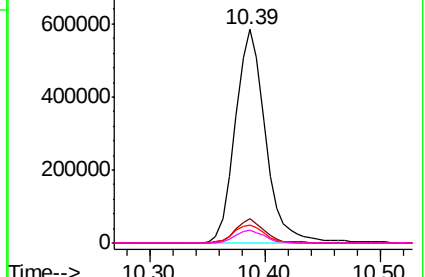
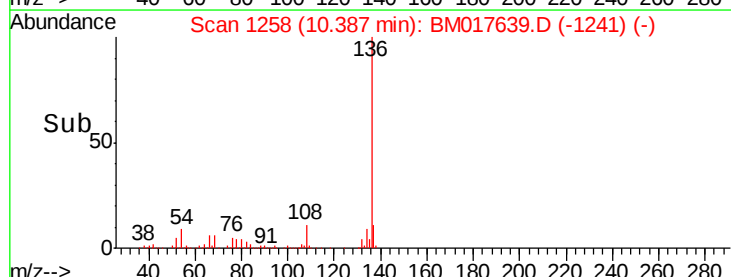


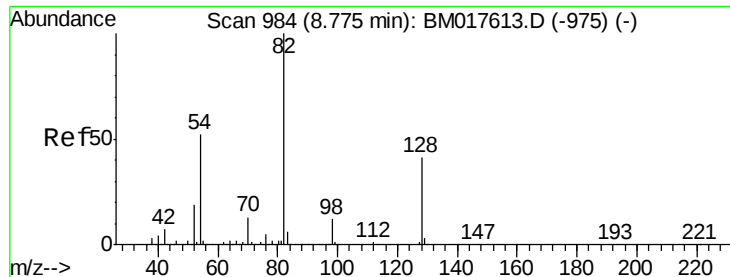
Abundance Ion 136.00 (135.70 to 136.70): BM017639.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017639.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017639.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017639.D (-1241) (-)

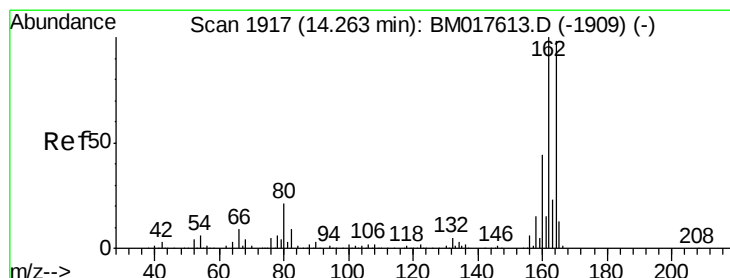
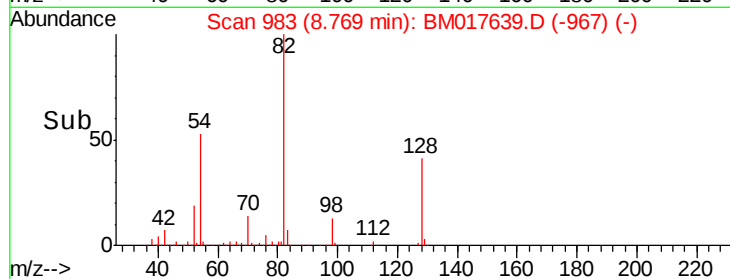
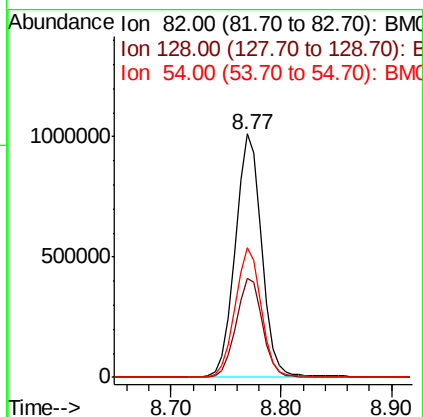
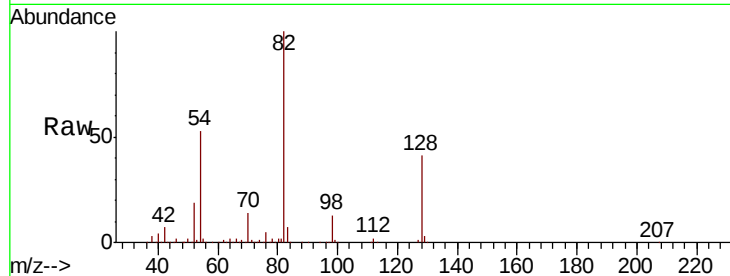




#23
Nitrobenzene-d5
Concen: 82.871 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

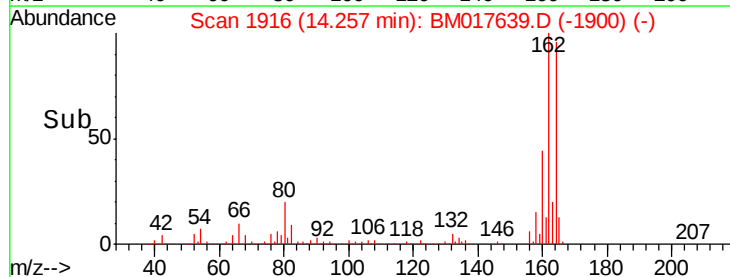
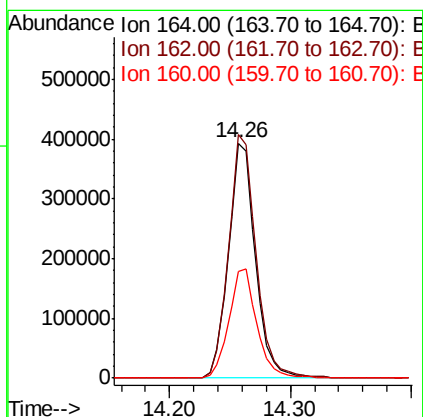
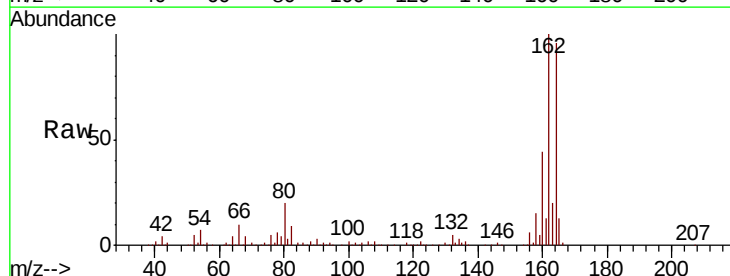
Instrument :
BNA_M
ClientSampleId :
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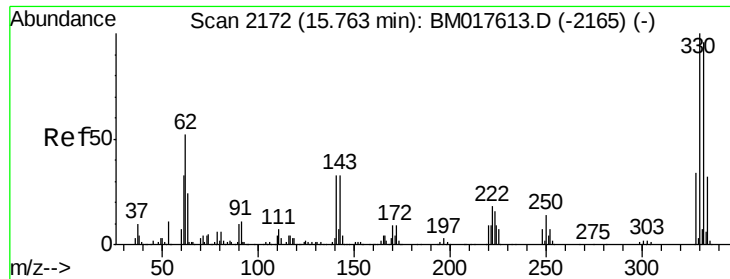
Tgt Ion: 82 Resp: 1704563
Ion Ratio Lower Upper
82 100
128 40.5 33.0 49.4
54 53.0 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

Tgt Ion: 164 Resp: 613340
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 45.3 35.6 53.4

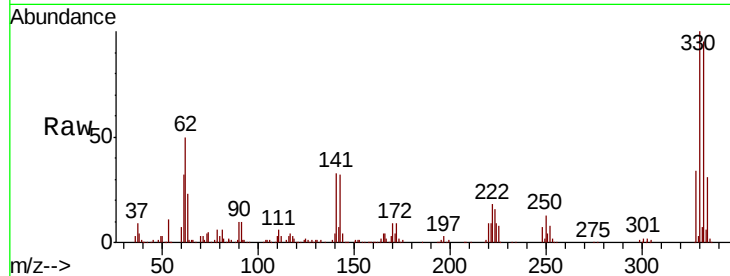




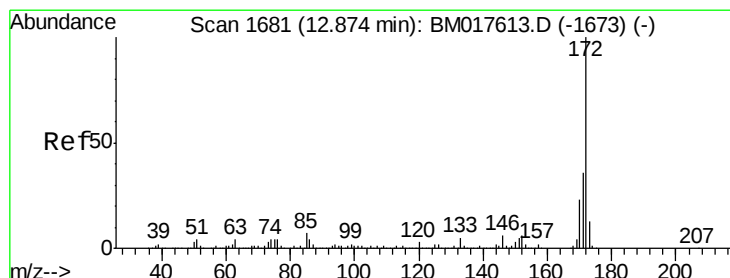
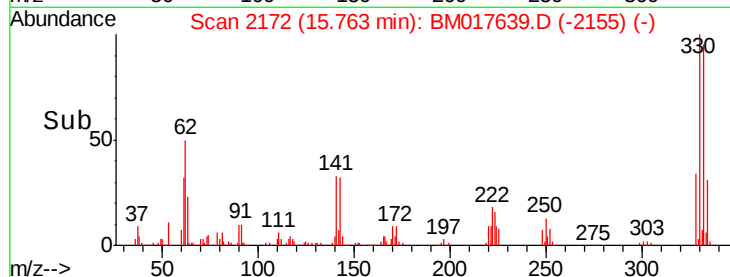
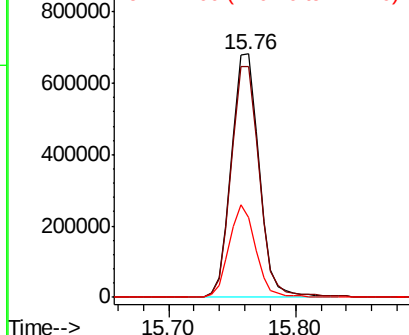
#42
 2,4,6-Tribromophenol
 Concen: 117.319 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM017639.D
 Acq: 14 Nov 2018 02:15

Instrument :
 BNA_M
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:330 Resp: 1033913
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.9 116.9
 141 36.3 27.5 41.3

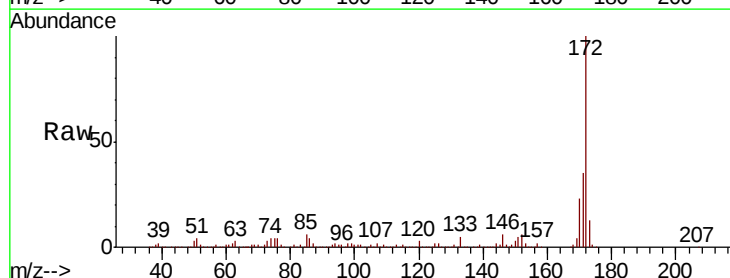


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

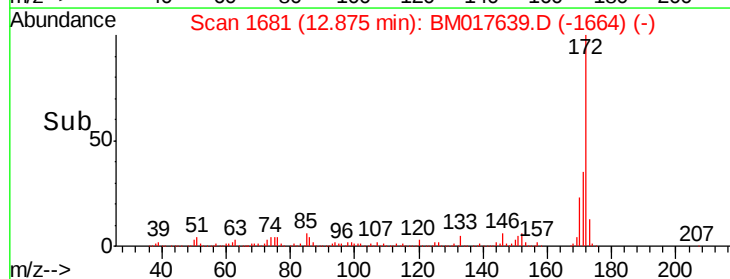
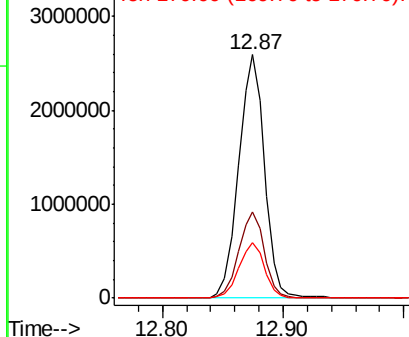


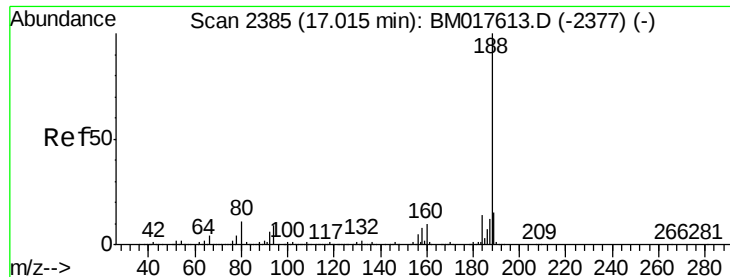
#45
 2-Fluorobiphenyl
 Concen: 81.879 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017639.D
 Acq: 14 Nov 2018 02:15

Tgt Ion:172 Resp: 3871008
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

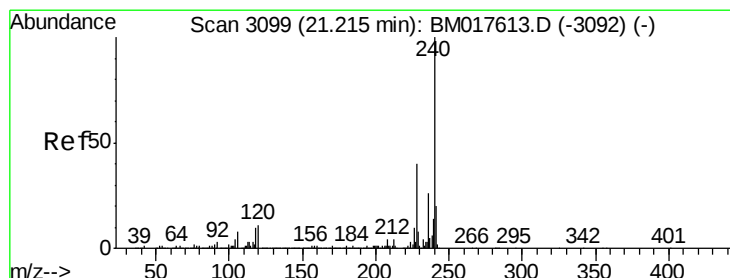
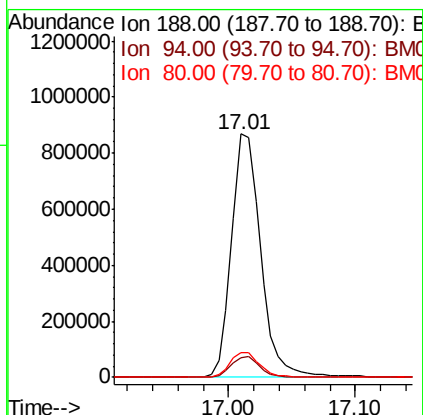
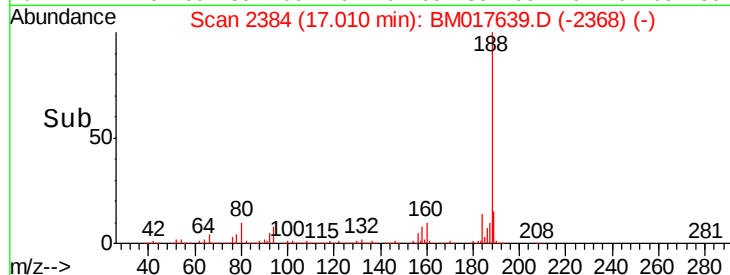
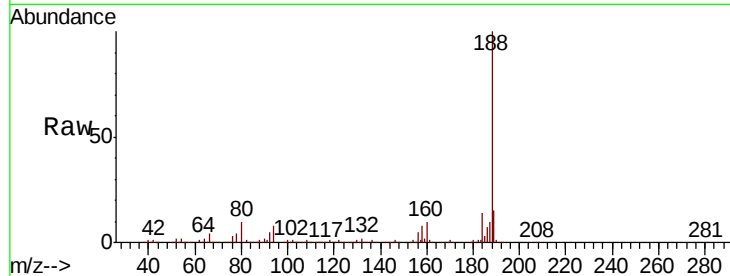




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

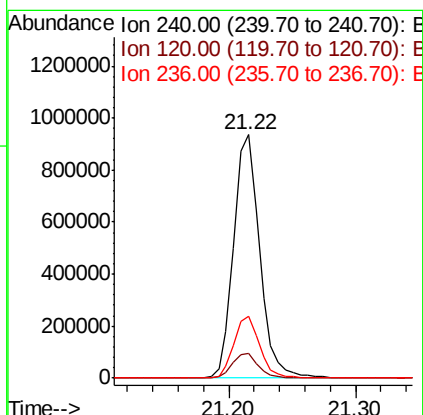
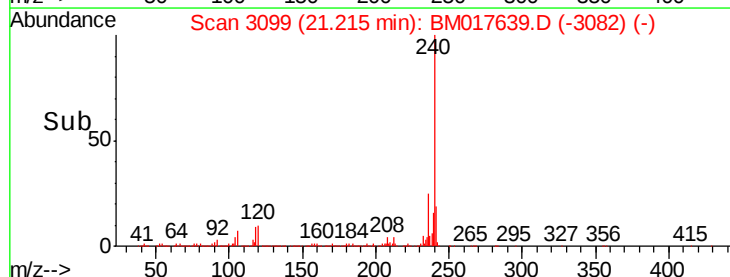
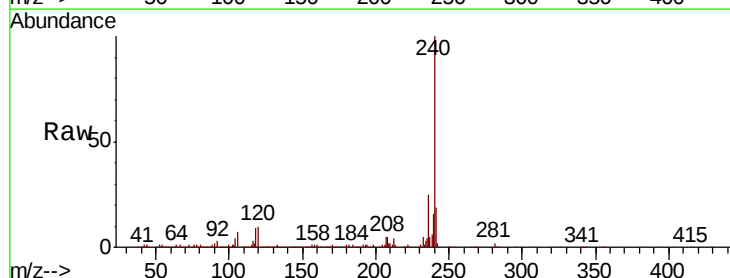
Instrument :
BNA_M
ClientSampleId :
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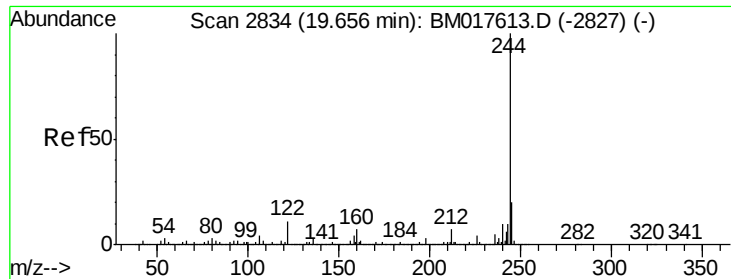
Tgt Ion:188 Resp: 1390629
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017639.D
Acq: 14 Nov 2018 02:15

Tgt Ion:240 Resp: 1326997
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 97.810 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017639.D

Acq: 14 Nov 2018 02:15

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK

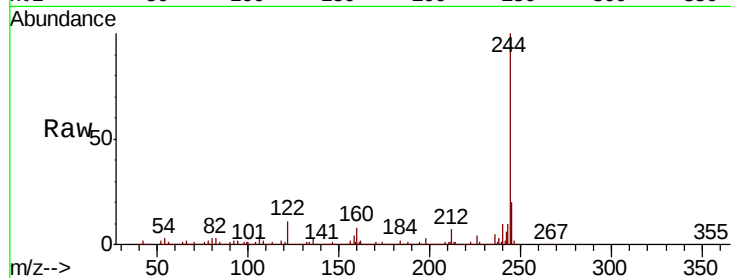
Tgt Ion:244 Resp: 5726797

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

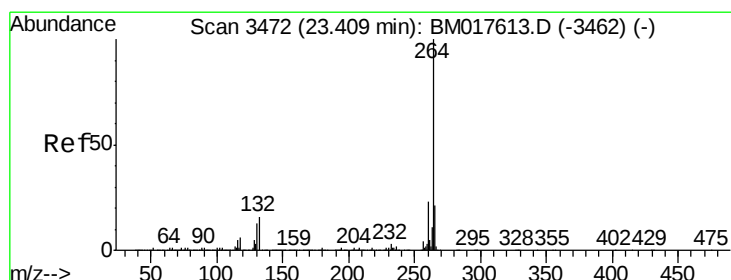
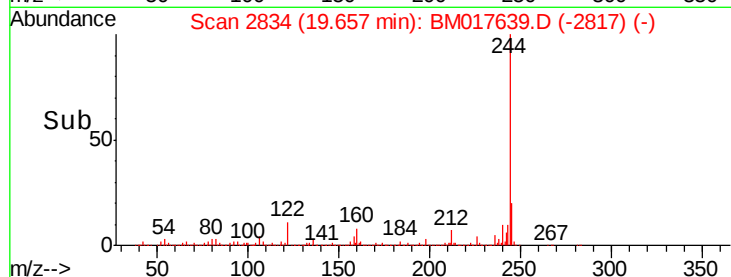
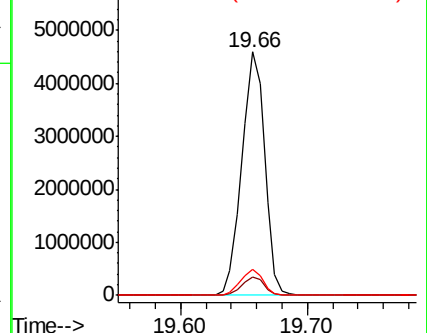
122 10.8 9.0 13.6



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: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017639.D

Acq: 14 Nov 2018 02:15

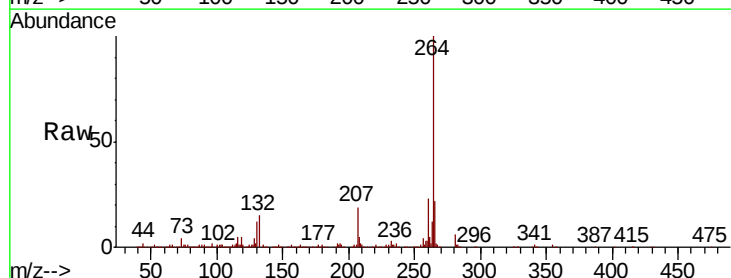
Tgt Ion:264 Resp: 1084626

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.6 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

