

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017628.D
 Acq On : 13 Nov 2018 19:36
 Operator : MJ/SJ
 Sample : J5916-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 110918-DBRI-F-D-S

Quant Time: Nov 14 03:33:53 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	235107	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	943848	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	555976	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1291018	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1266457	20.00	ng	0.00
87) Perylene-d12	23.41	264	1038188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	689745	49.51	ng	0.00
7) Phenol-d6	6.80	99	544477	27.98	ng	0.00
23) Nitrobenzene-d5	8.77	82	1982123	108.42	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	872489	109.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4512634	105.30	ng	0.00
79) Terphenyl-d14	19.66	244	6090502	108.99	ng	0.00

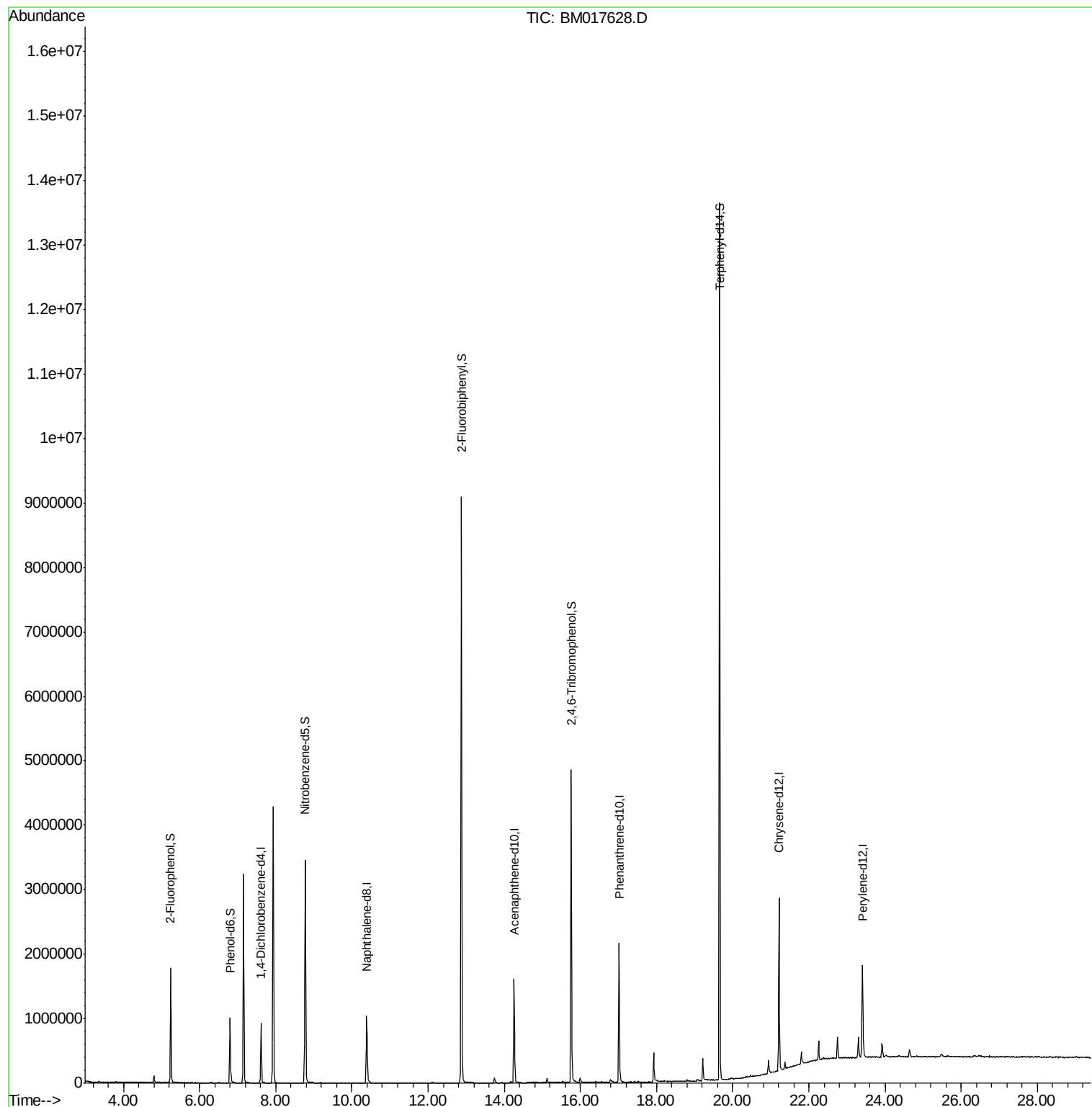
Target Compounds	Qvalue
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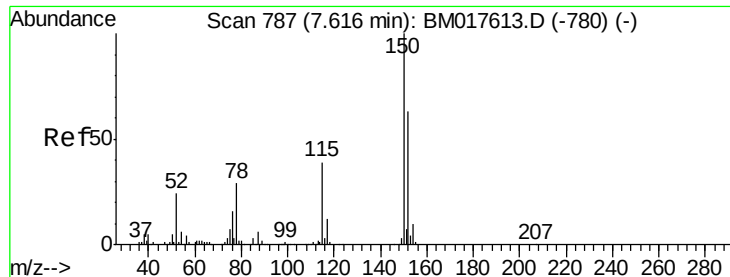
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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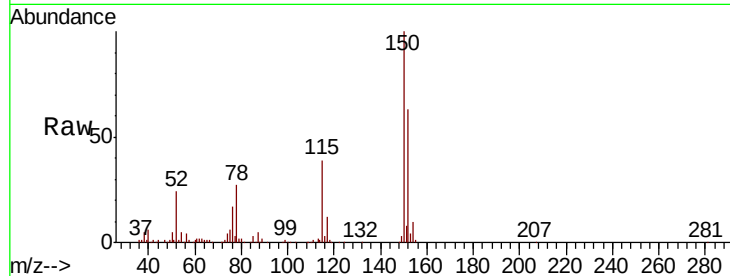


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

Instrument :
BNA_M
ClientSampleId :
110918-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.4	189.6
115	60.8	49.4	74.0

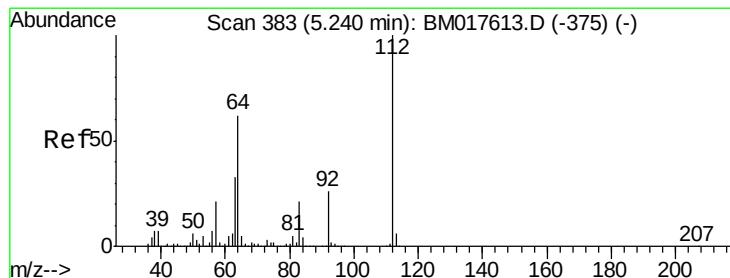
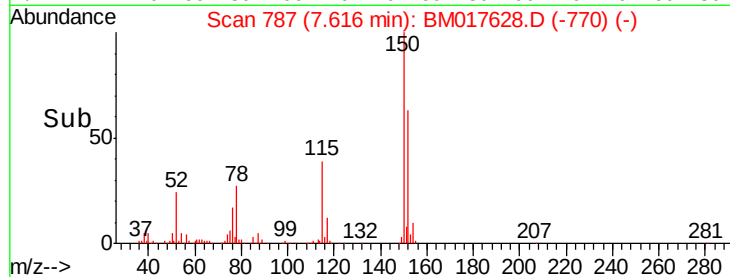
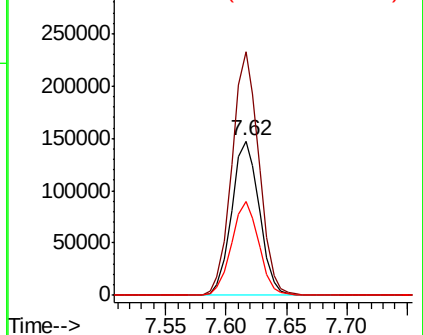


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

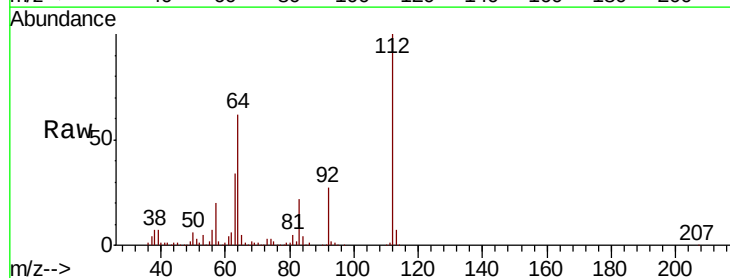
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.511 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.3	73.9
63	33.9	26.2	39.4

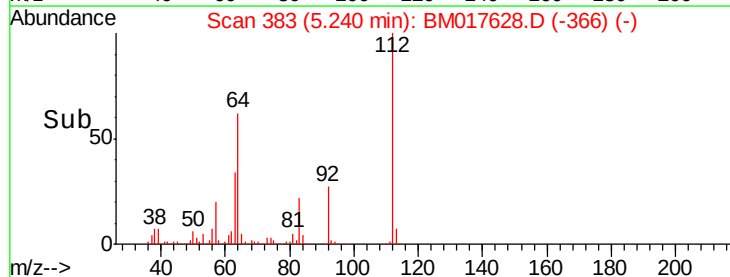
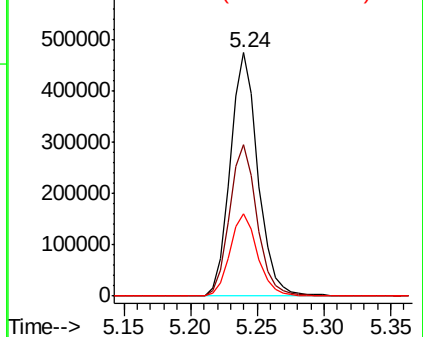


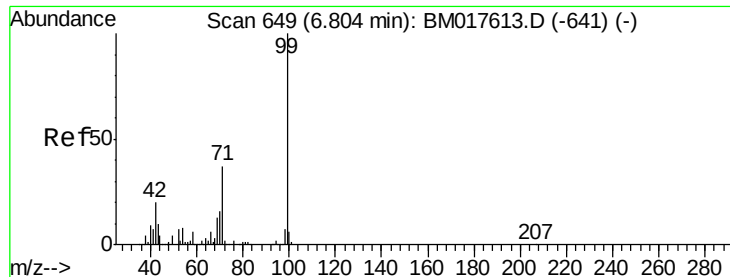
Abundance

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: 27.984 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017628.D

Acq: 13 Nov 2018 19:36

Instrument :

BNA_M

ClientSampleId :

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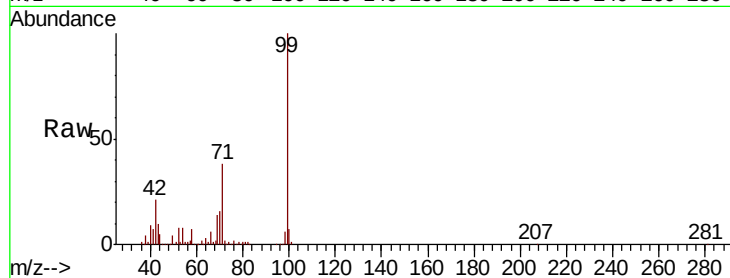
Tgt Ion: 99 Resp: 544477

Ion Ratio Lower Upper

99 100

42 21.0 16.3 24.5

71 38.5 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) (-)

6.80

400000

300000

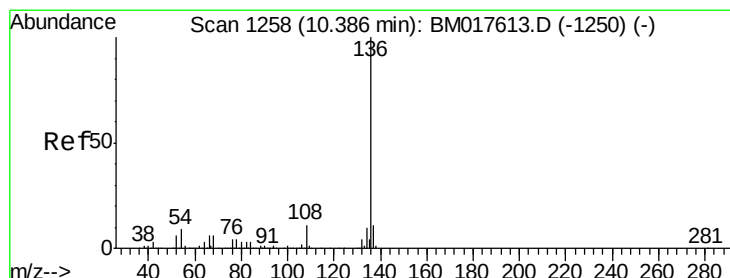
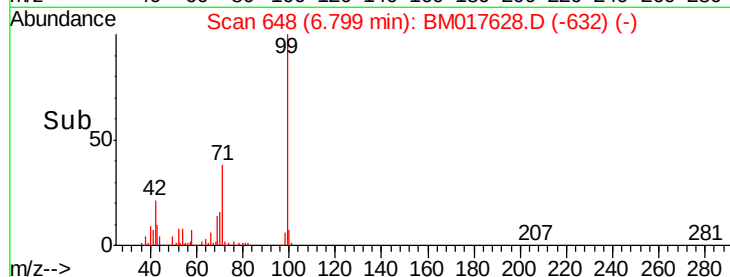
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017628.D

Acq: 13 Nov 2018 19:36

Tgt Ion: 136 Resp: 943848

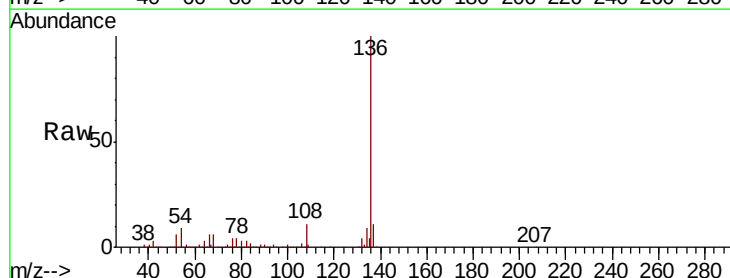
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.0 7.0 10.6

68 6.2 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

10.39

600000

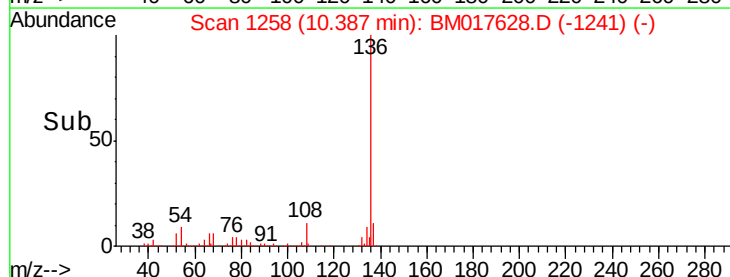
400000

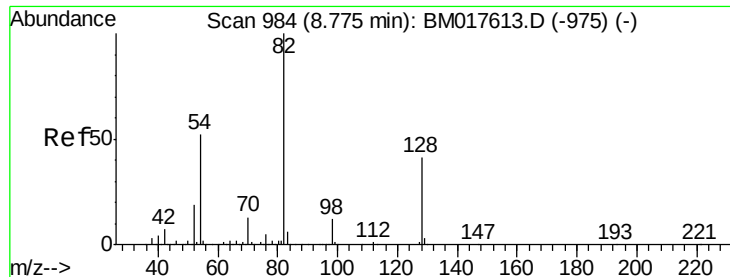
200000

0

10.30 10.40 10.50

Time-->

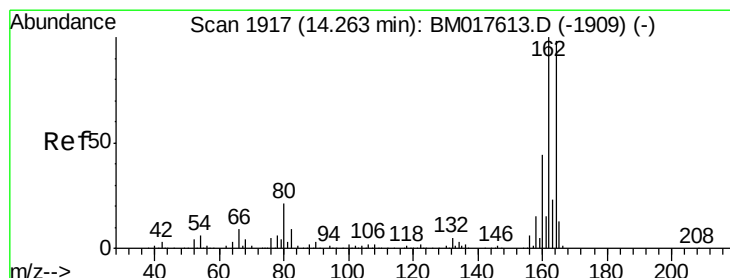
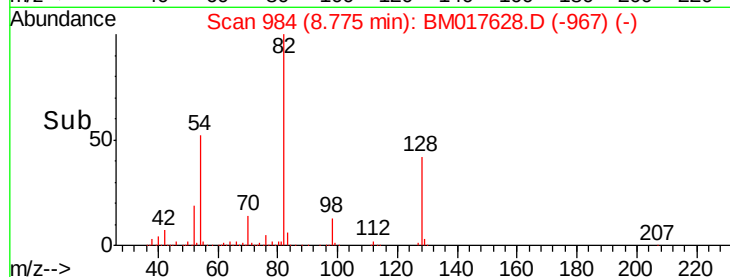
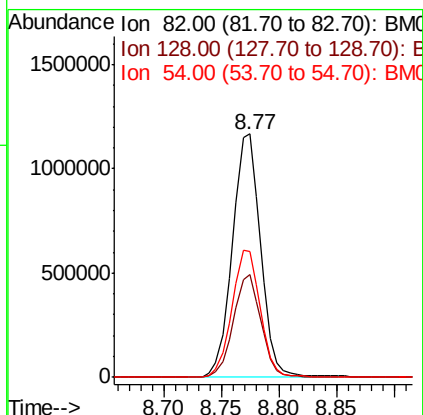
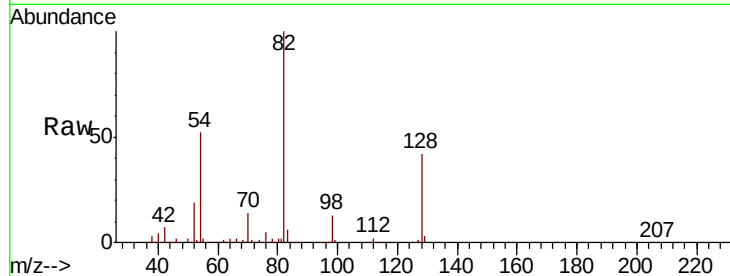




#23
Nitrobenzene-d5
Concen: 108.415 ng
RT: 8.77 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

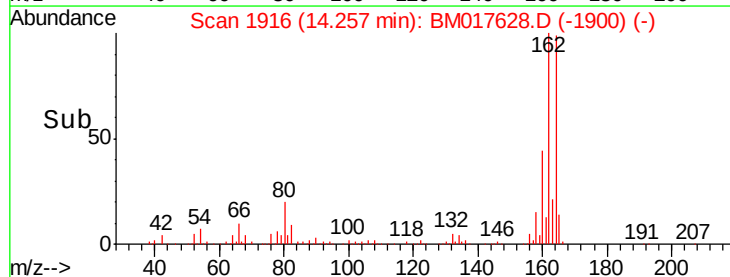
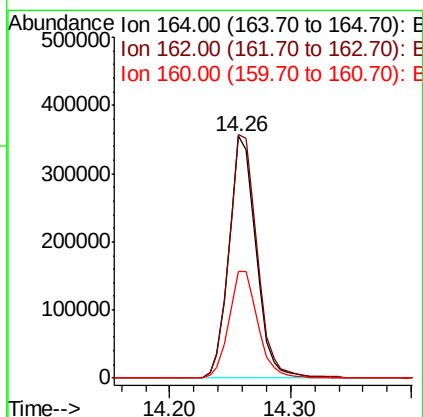
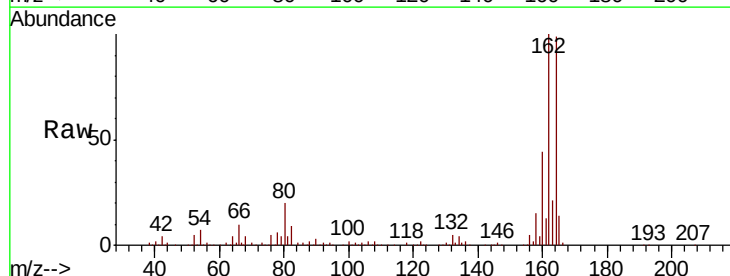
Instrument :
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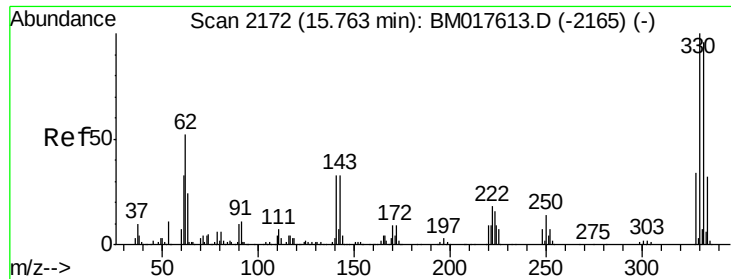
Tgt Ion: 82 Resp: 1982123
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 52.0 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

Tgt Ion: 164 Resp: 555976
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.2 35.6 53.4

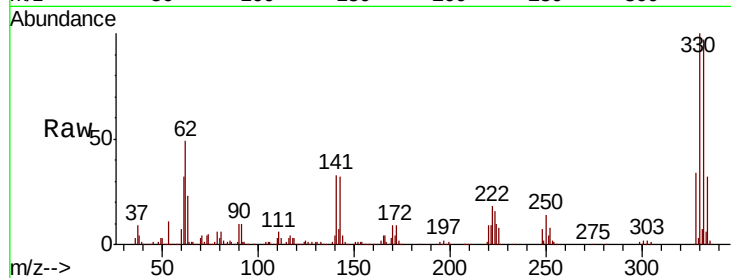




#42
 2,4,6-Tribromophenol
 Concen: 109.217 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM017628.D
 Acq: 13 Nov 2018 19:36

Instrument :
 BNA_M
 ClientSampleId :
 110918-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.9	116.9
141	36.1	27.5	41.3

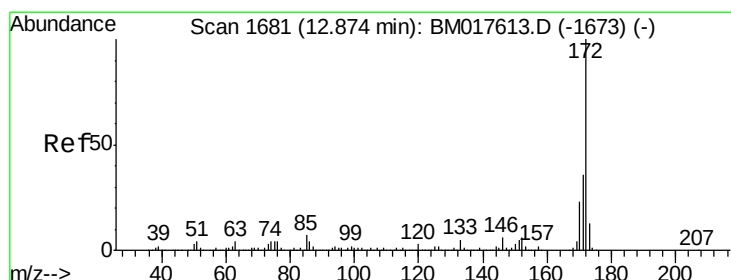
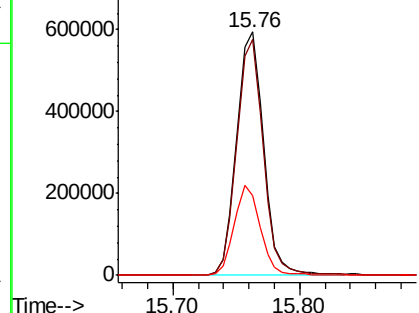
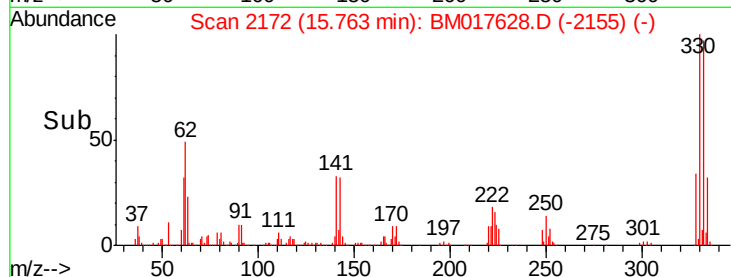


Abundance

Ion 329.80 (329.50 to 330.50): E

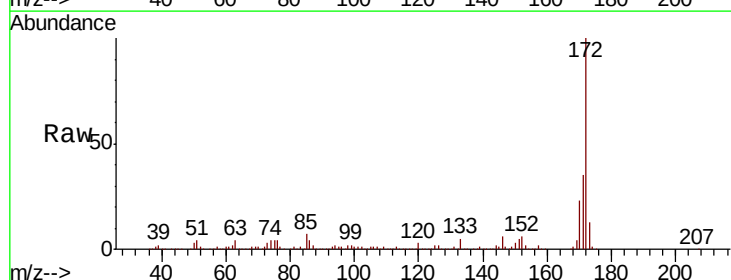
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.299 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017628.D
 Acq: 13 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.0	18.3	27.5

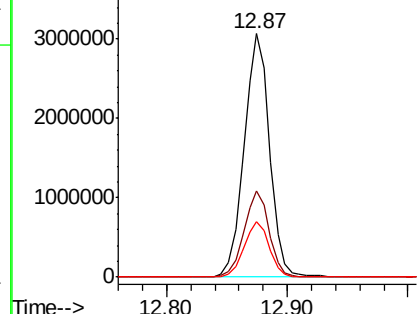
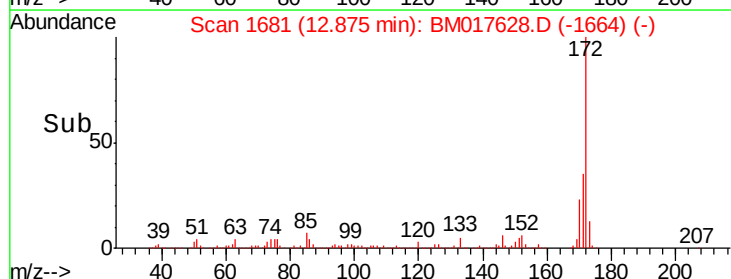


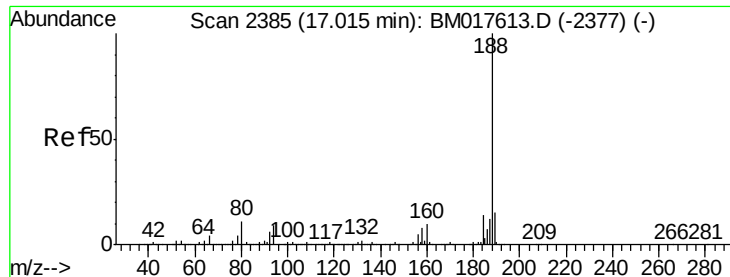
Abundance

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

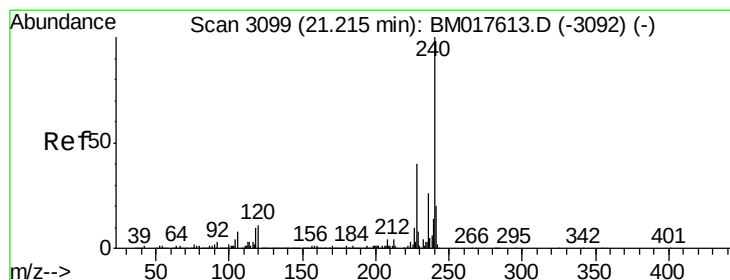
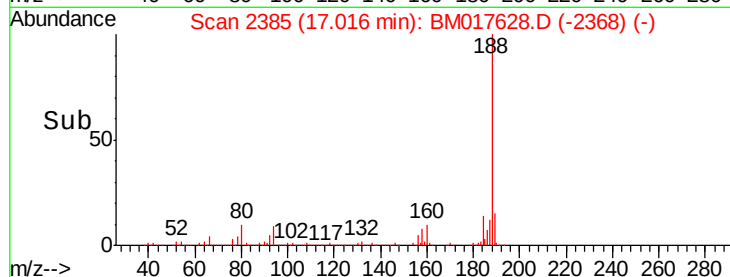
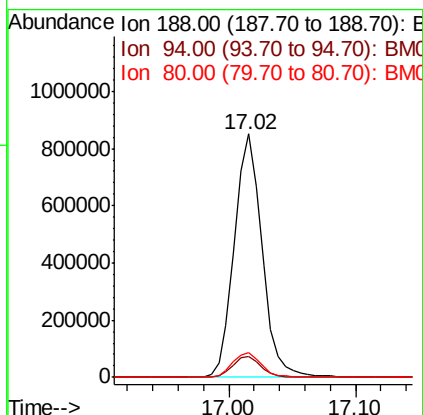
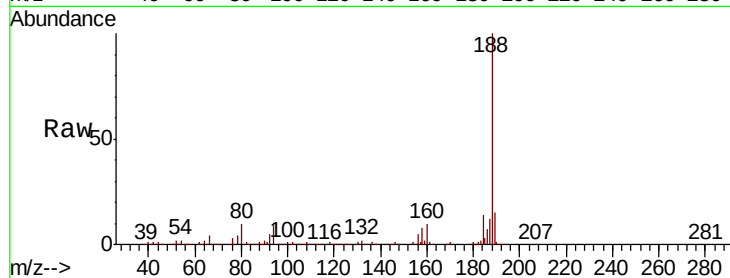




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

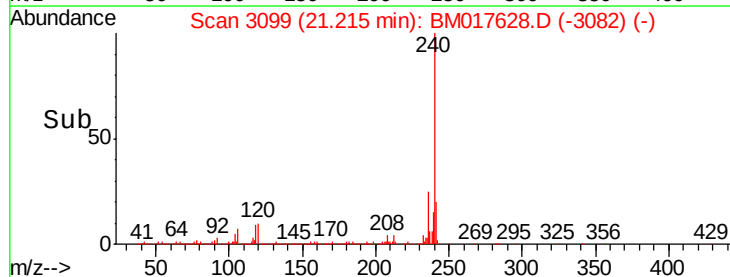
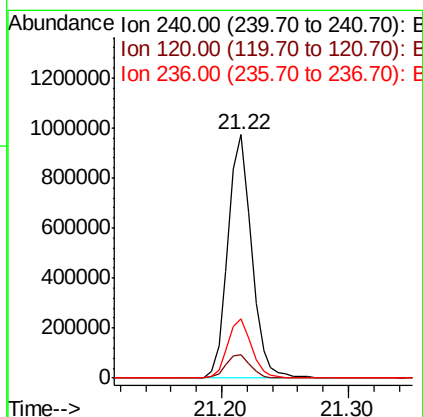
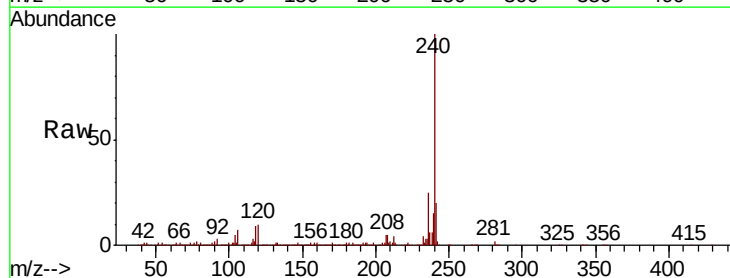
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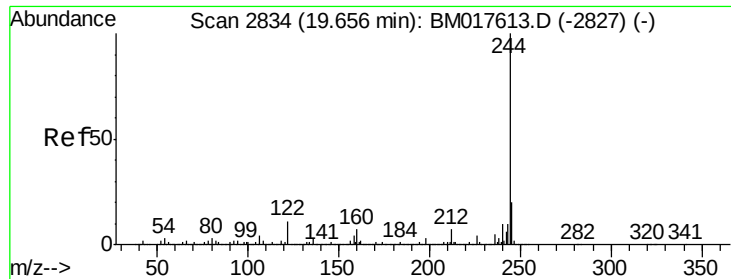
Tgt Ion:188 Resp: 1291018
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017628.D
Acq: 13 Nov 2018 19:36

Tgt Ion:240 Resp: 1266457
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 24.6 20.4 30.6





#79

Terphenyl-d14

Concen: 108.994 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017628.D

Acq: 13 Nov 2018 19:36

Instrument :

BNA_M

ClientSampleId :

110918-DBRI-F-D-S

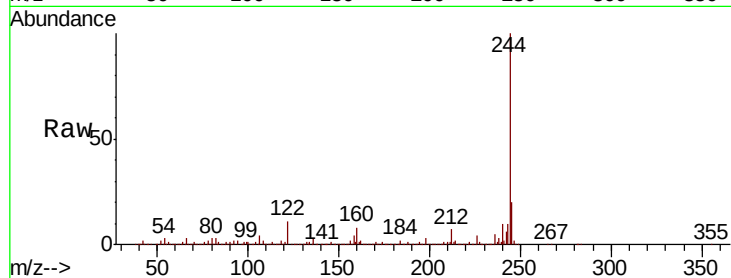
Tgt Ion:244 Resp: 6090502

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

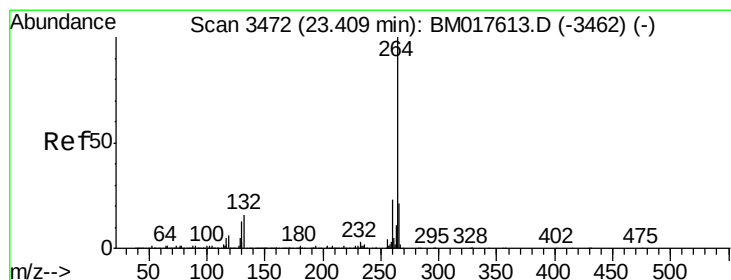
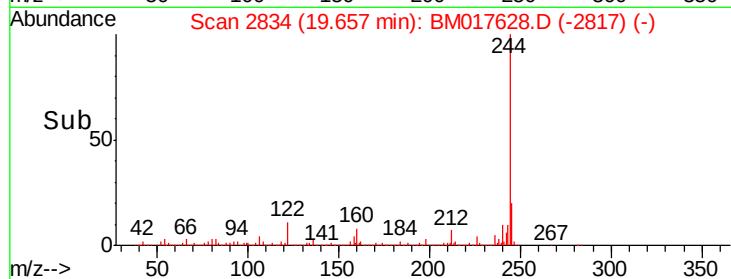
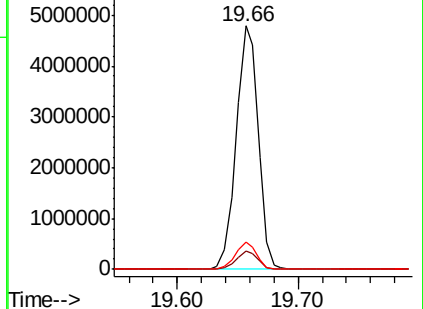
122 11.2 9.0 13.6



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: BM017628.D

Acq: 13 Nov 2018 19:36

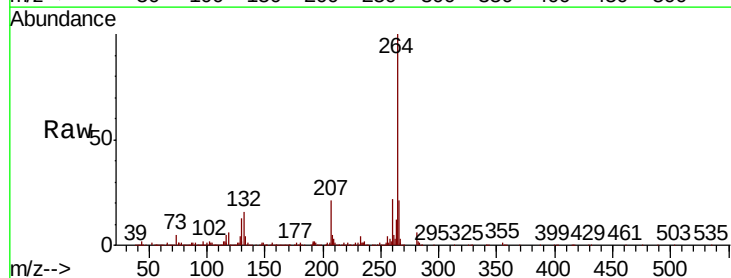
Tgt Ion:264 Resp: 1038188

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 21.5 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

