

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017682.D
 Acq On : 16 Nov 2018 16:07
 Operator : MJ/SJ
 Sample : J5959-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 111418-TIPC-E-D-M

Quant Time: Nov 16 22:34:39 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	231111	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	936718	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	550837	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1282084	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1356646	20.00	ng	0.00
87) Perylene-d12	23.40	264	1210034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	512418	37.42	ng	0.00
7) Phenol-d6	6.79	99	387527	20.26	ng	-0.01
23) Nitrobenzene-d5	8.76	82	1867484	102.92	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	709314	89.62	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4363065	102.76	ng	0.00
79) Terphenyl-d14	19.66	244	5655073	94.47	ng	0.00

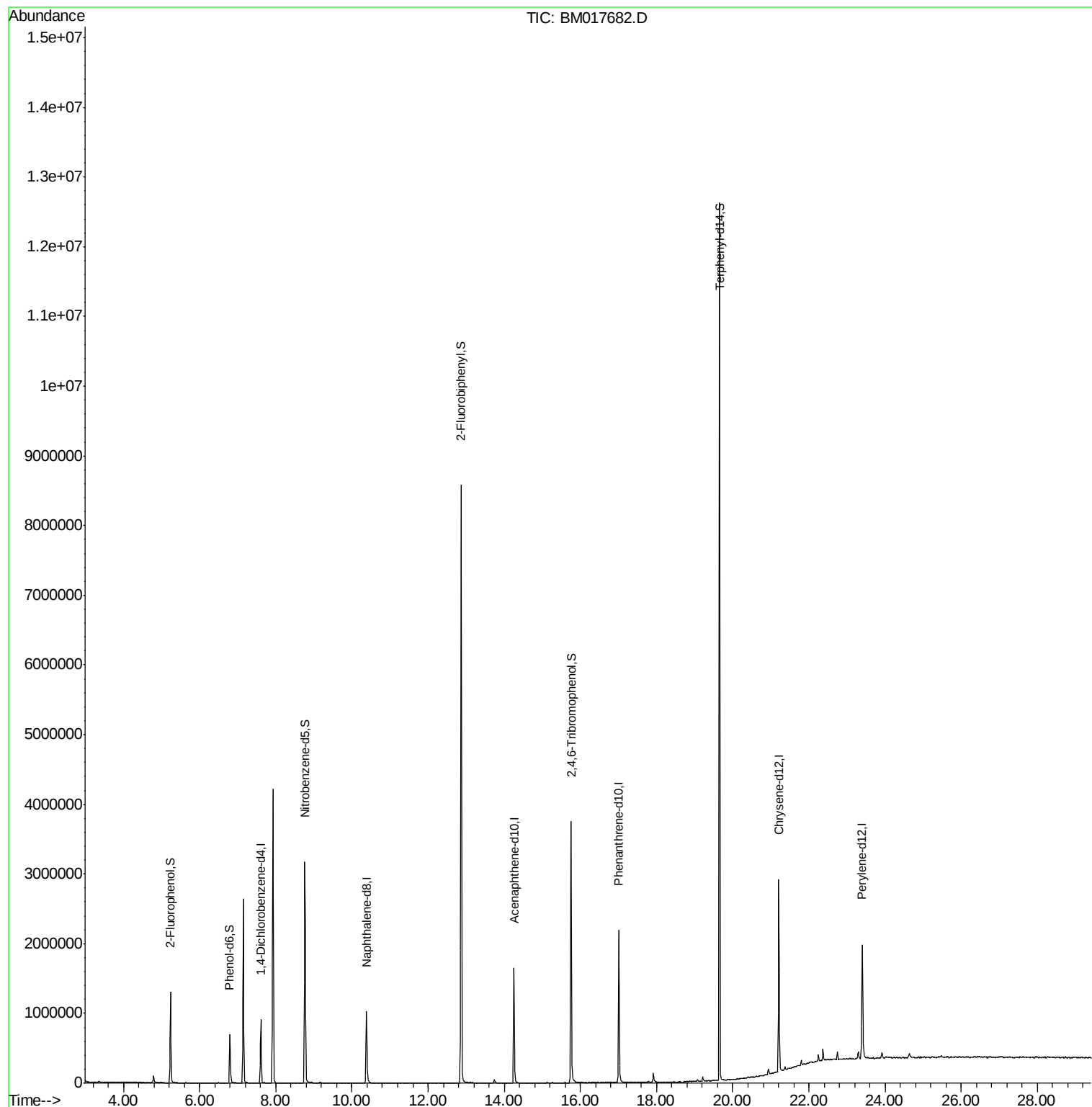
Target Compounds Qvalue

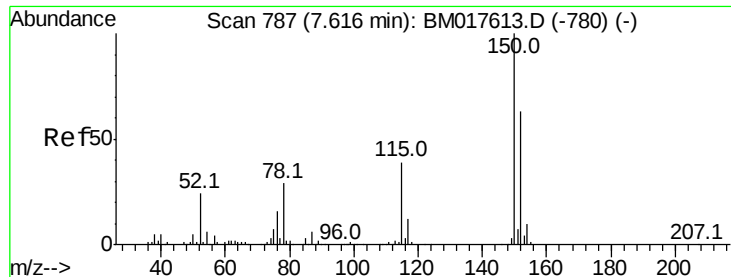
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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111418-TIPC-E-D-M

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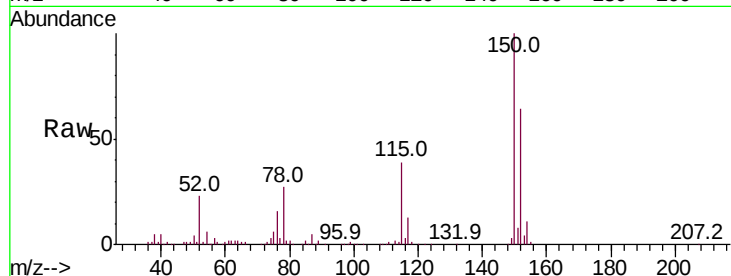


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017682.D
Acq: 16 Nov 2018 16:07

Instrument :
BNA_M
ClientSampleId :
111418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.4	189.6
115	61.2	49.4	74.0

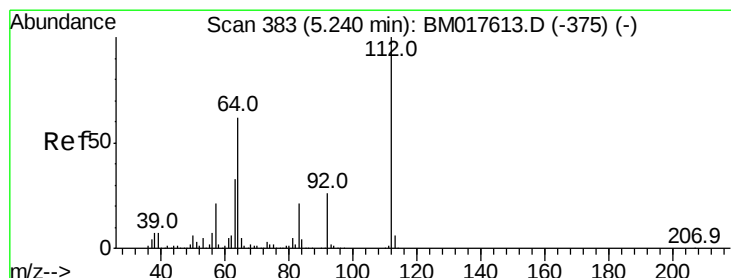
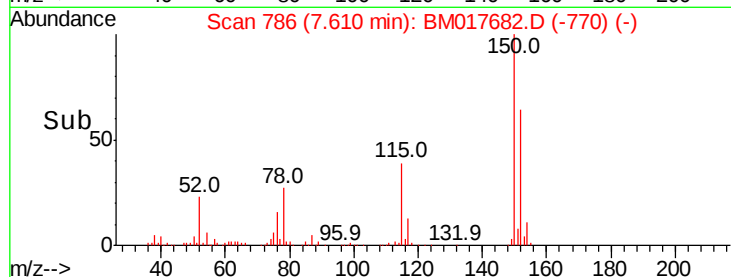
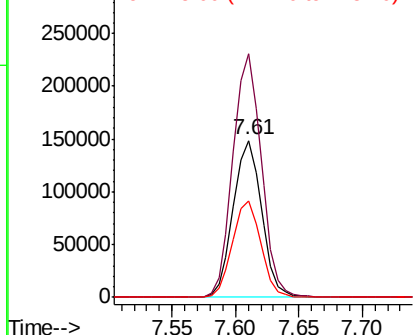


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

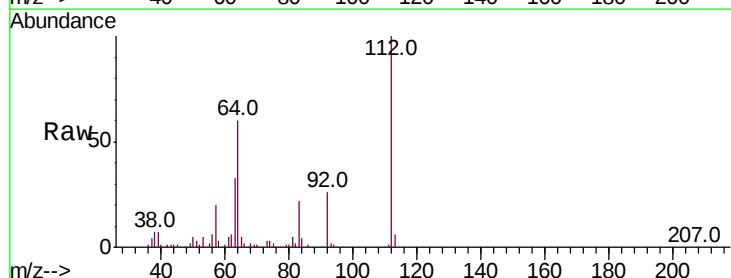
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.418 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017682.D
Acq: 16 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.3	73.9
63	33.5	26.2	39.4

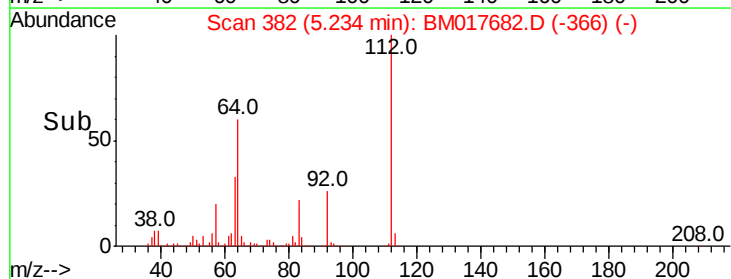
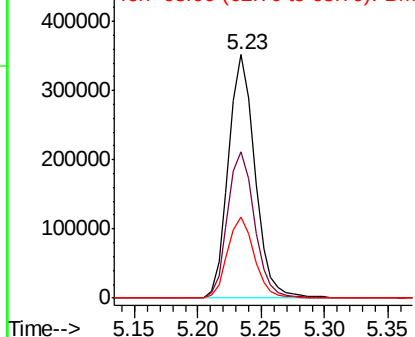


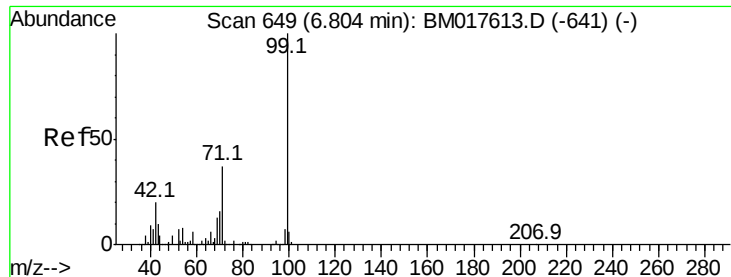
Abundance

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: 20.262 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM017682.D

Acq: 16 Nov 2018 16:07

Instrument :

BNA_M

ClientSampleId :

111418-TIPC-E-D-M

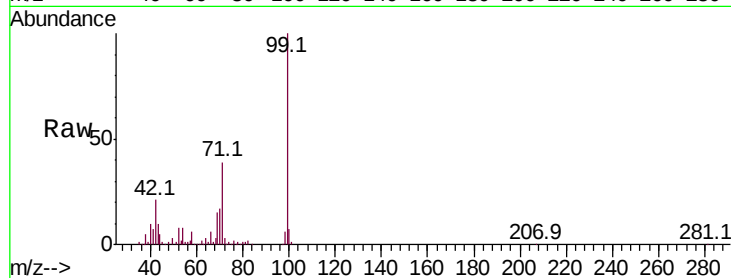
Tot Ion: 99 Resp: 387527

Ion Ratio Lower Upper

99 100

42 21.1 16.3 24.5

71 39.1 29.8 44.8

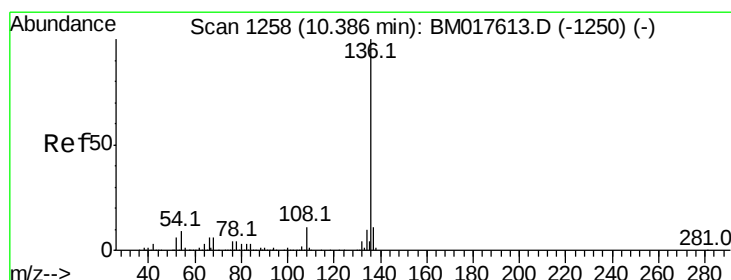
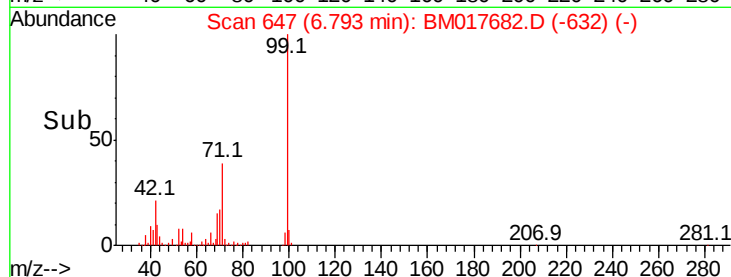
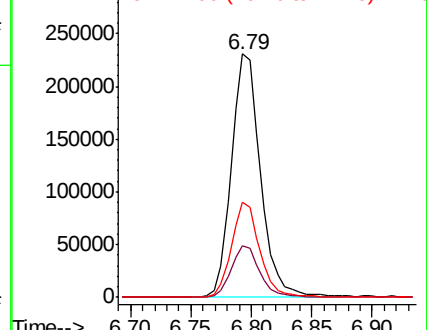


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017682.D

Acq: 16 Nov 2018 16:07

Tgt Ion: 136 Resp: 936718

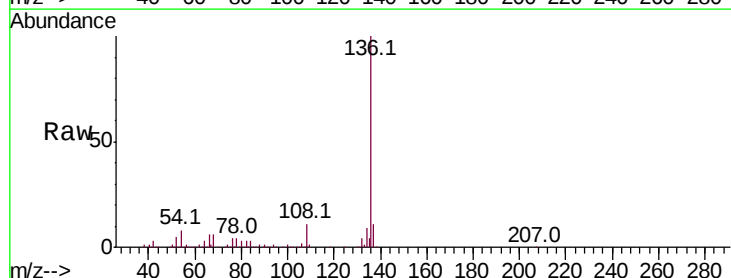
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.5 7.0 10.6

68 5.7 4.9 7.3



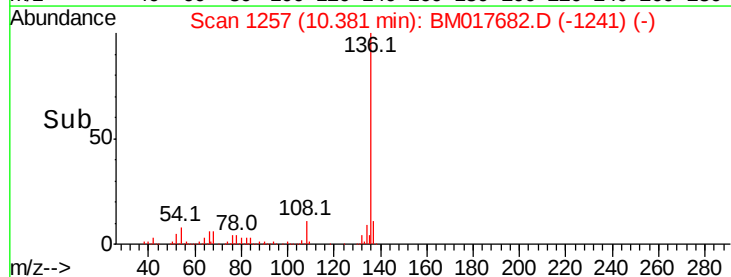
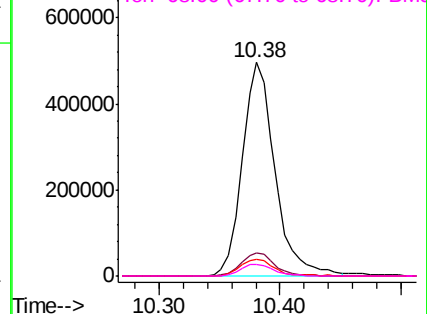
Abundance

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) (-)



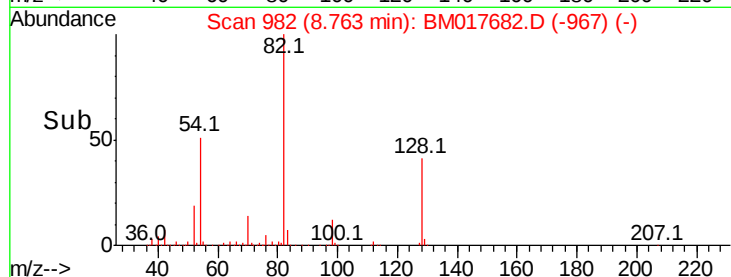
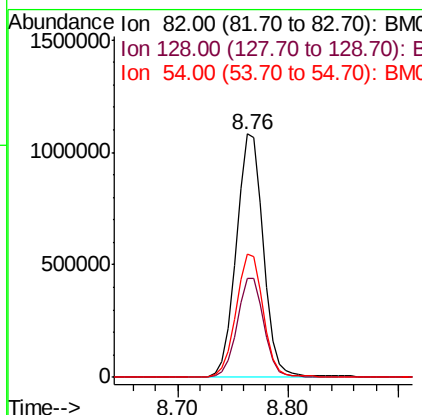
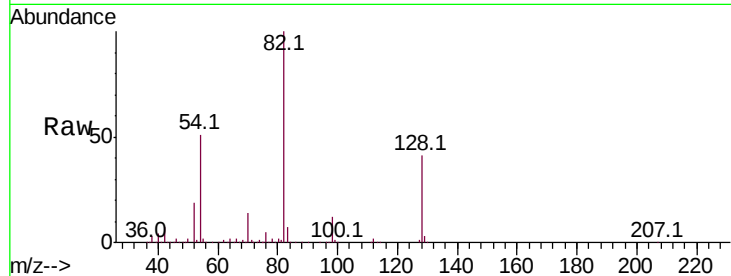


#23
 Nitrobenzene-d5
 Concen: 102.923 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM017682.D
 Acq: 16 Nov 2018 16:07

Instrument :
 BNA_M
 ClientSampleId :
 111418-TIPC-E-D-M

Tot Ion: 82 Resp: 1867484

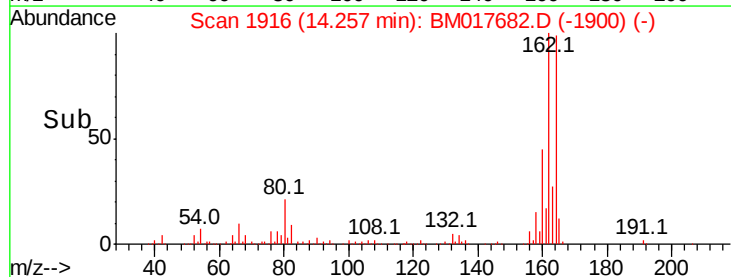
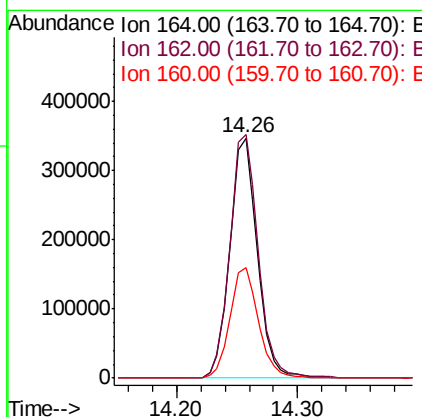
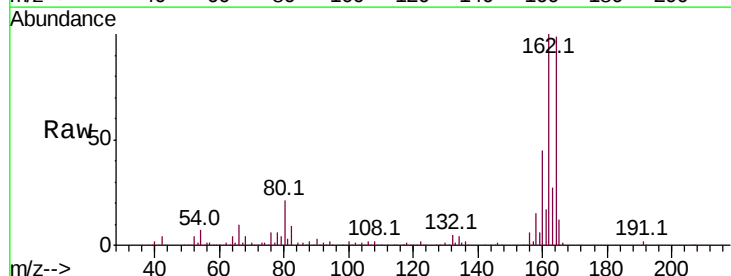
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	50.9	41.4	62.2

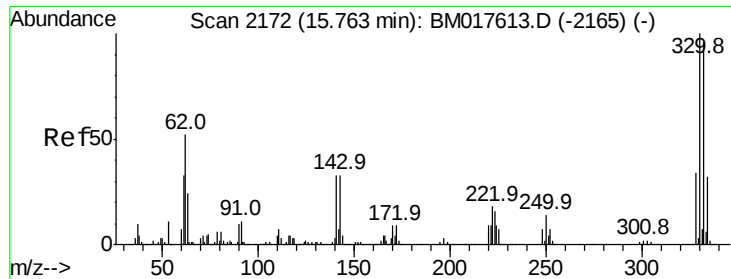


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017682.D
 Acq: 16 Nov 2018 16:07

Tgt Ion:164 Resp: 550837

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	45.9	35.6	53.4

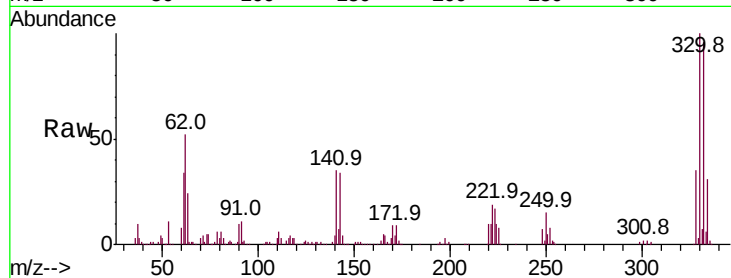




#42
 2,4,6-Tribromophenol
 Concen: 89.619 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017682.D
 Acq: 16 Nov 2018 16:07

Instrument :
 BNA_M
 ClientSampleId :
 111418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.9	116.9
141	37.3	27.5	41.3

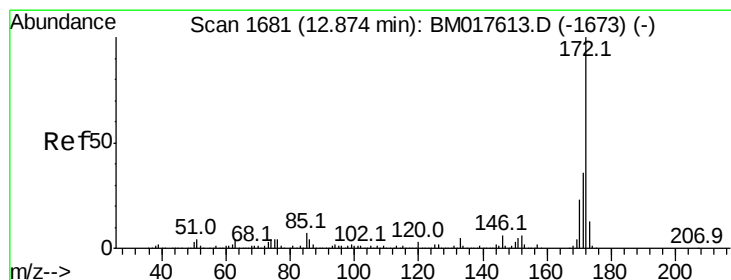
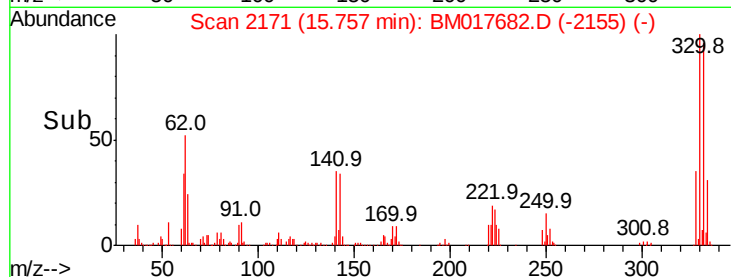
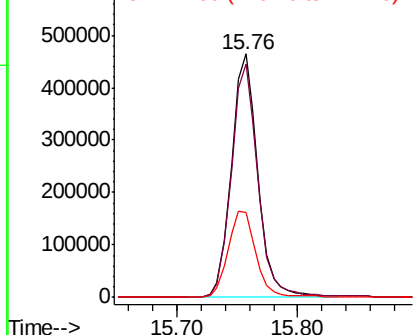


Abundance

Ion 329.80 (329.50 to 330.50): E

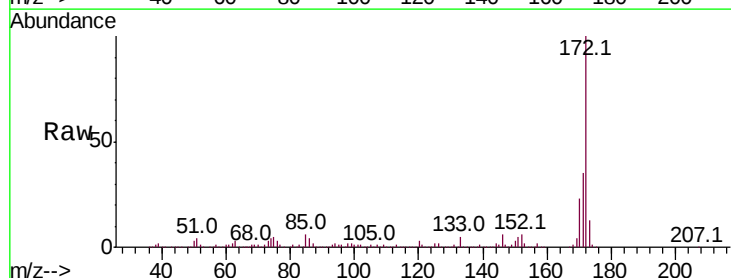
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.759 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017682.D
 Acq: 16 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.7	18.3	27.5

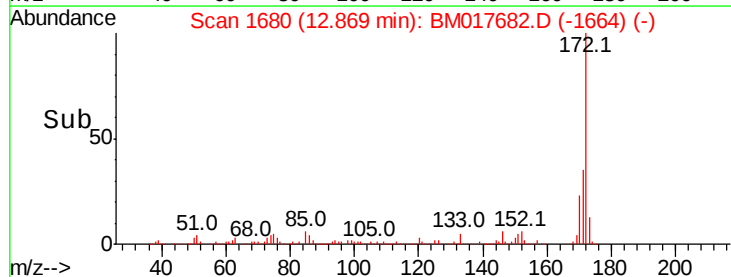
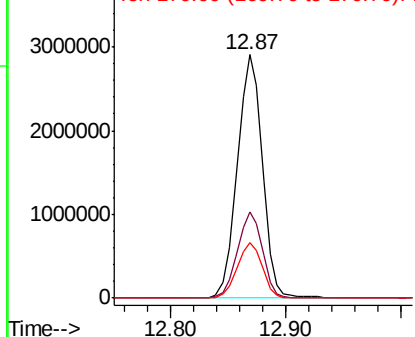


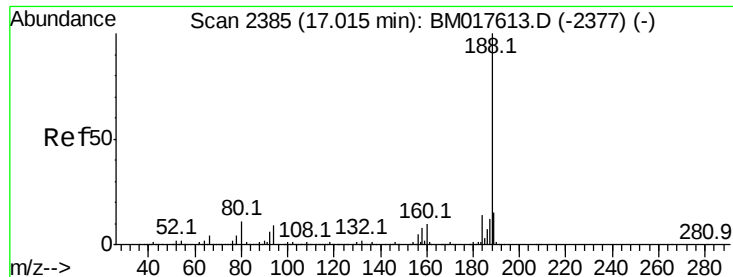
Abundance

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

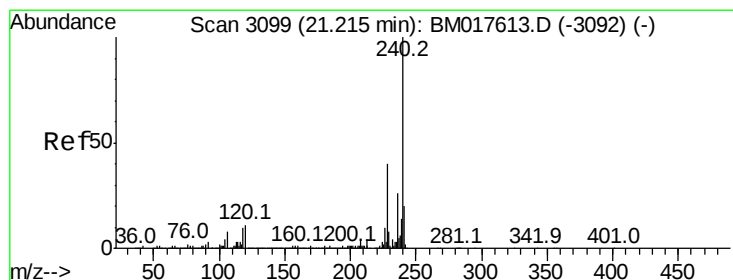
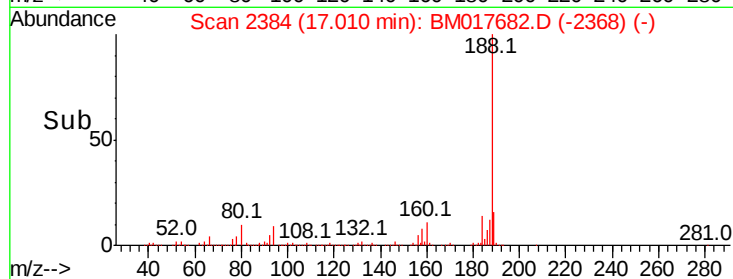
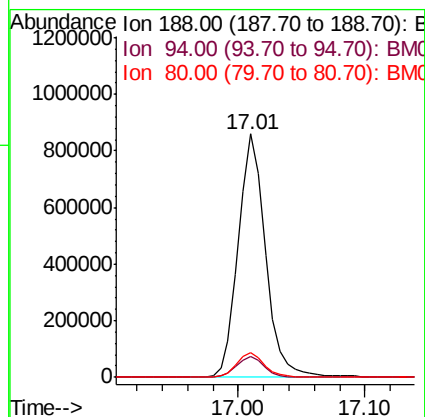
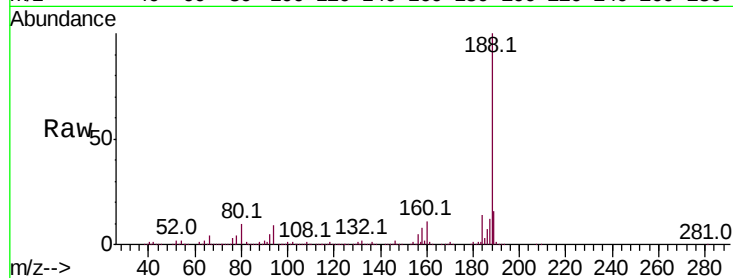




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017682.D
Acq: 16 Nov 2018 16:07

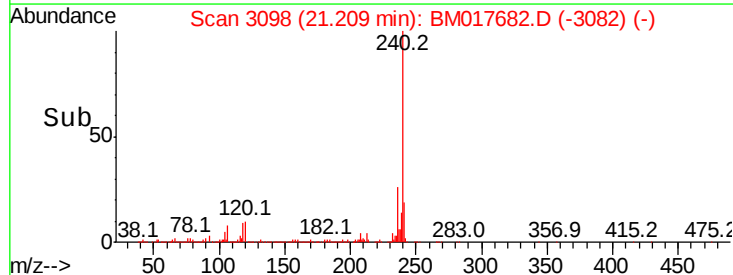
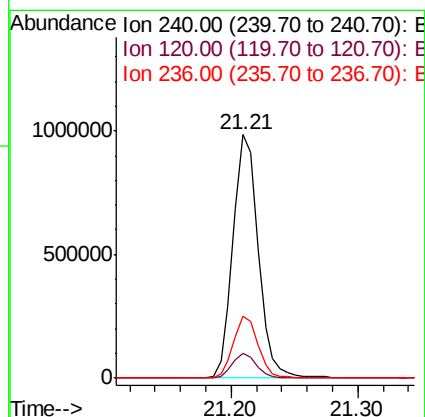
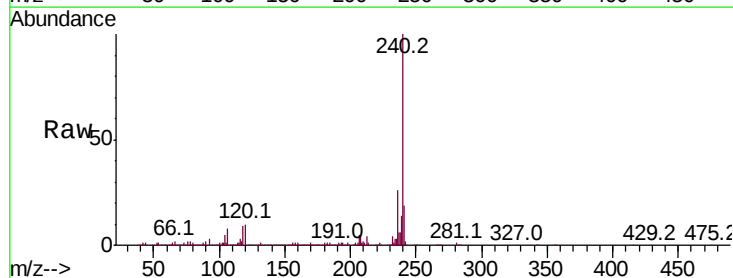
Instrument :
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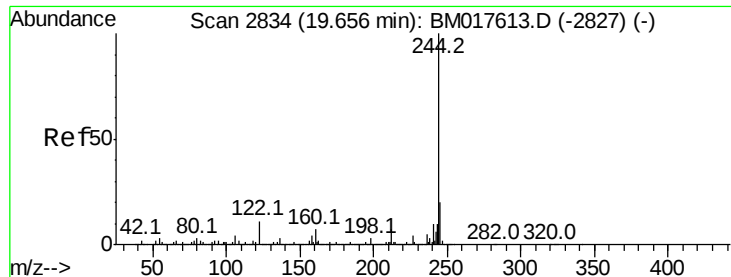
Tot Ion:188 Resp: 1282084
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017682.D
Acq: 16 Nov 2018 16:07

Tgt Ion:240 Resp: 1356646
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 94.474 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017682.D

Acq: 16 Nov 2018 16:07

Instrument :

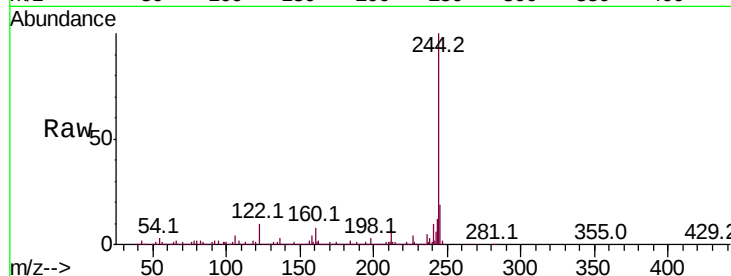
BNA_M

ClientSampleId :

111418-TIPC-E-D-M

Tot Ion:244 Resp: 5655073

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.0	9.0	13.6

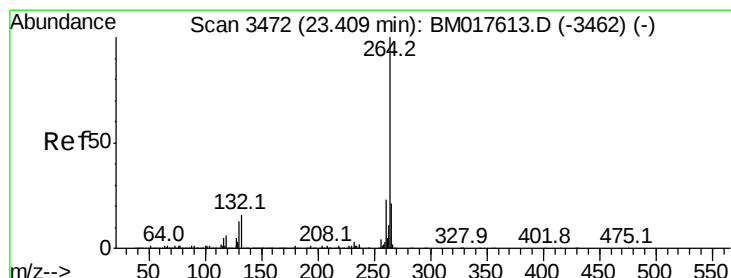
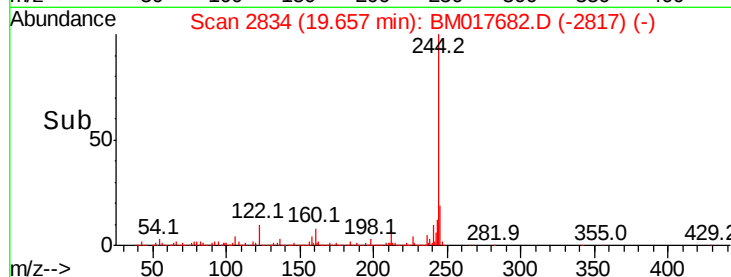
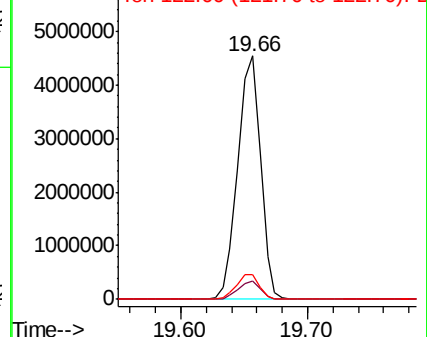


Abundance

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: 23.40 min Scan# 3471

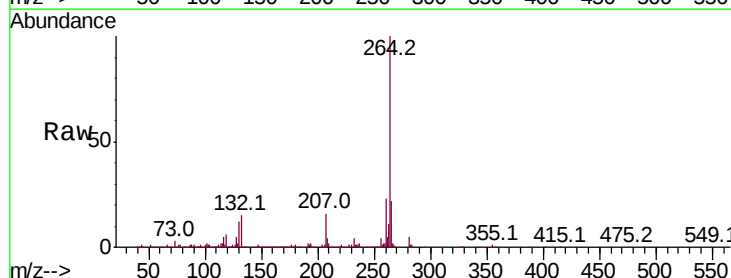
Delta R.T. -0.01 min

Lab File: BM017682.D

Acq: 16 Nov 2018 16:07

Tgt Ion:264 Resp: 1210034

Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

