

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
 Data File : BM017738.D
 Acq On : 21 Nov 2018 19:23
 Operator : MJ/SJ
 Sample : J6023-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 111918-JETT-E-U-M

Quant Time: Nov 22 01:49:43 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	7.59	152	169052	20.00	ng	-0.02
21) Naphthalene-d8	10.37	136	695814	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	442491	20.00	ng	-0.02
64) Phenanthrene-d10	17.00	188	1067721	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1208679	20.00	ng	-0.02
87) Perylene-d12	23.39	264	1159062	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	350413	34.98	ng	-0.02
7) Phenol-d6	6.78	99	264023	18.87	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1215578	90.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.74	330	565490	88.94	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	3028878	88.80	ng	-0.02
79) Terphenyl-d14	19.64	244	4265875	79.99	ng	-0.02

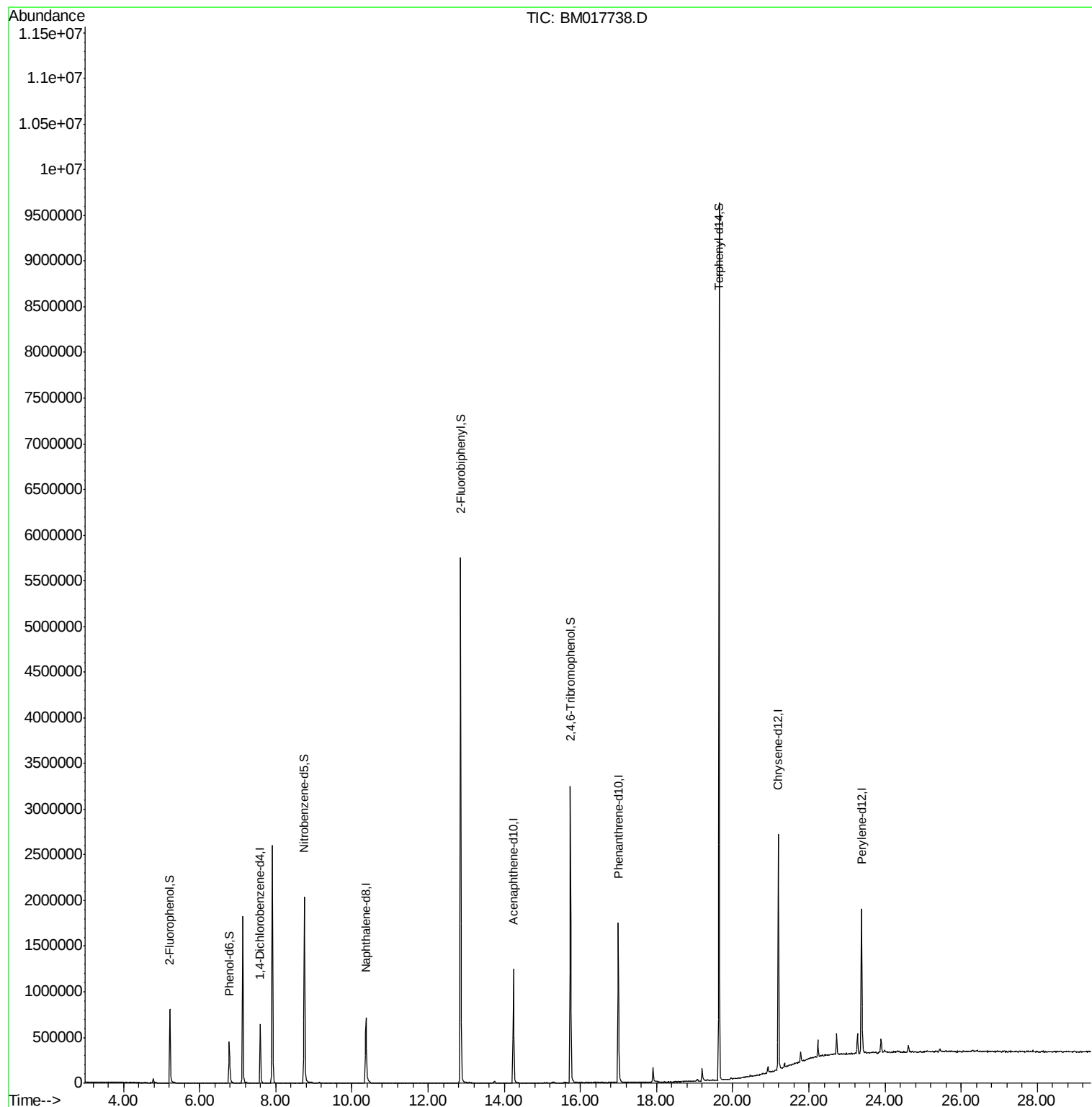
Target Compounds Qvalue

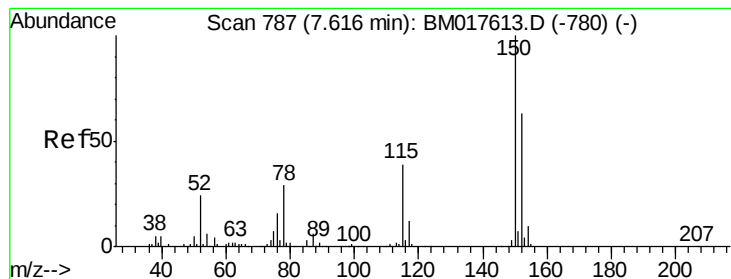
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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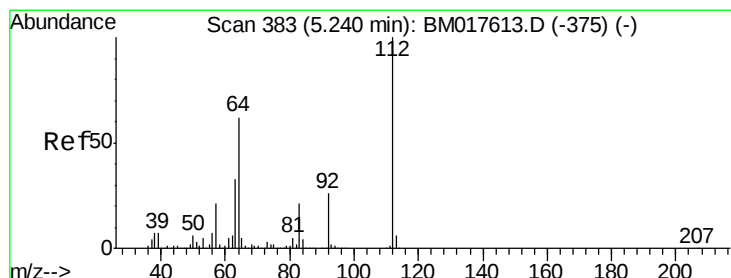
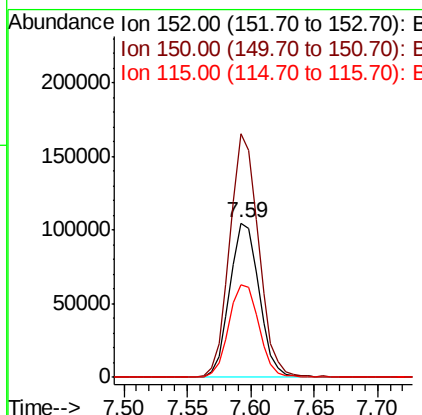
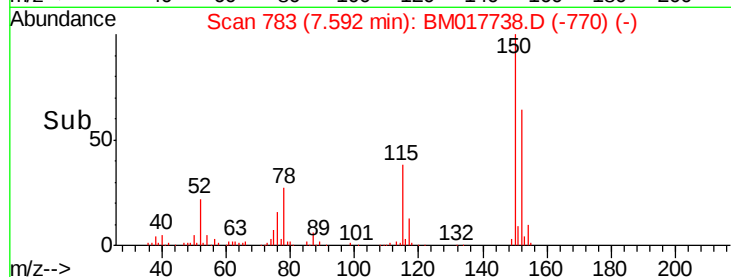
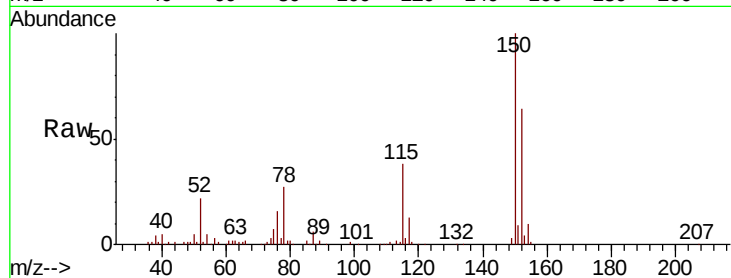


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM017738.D
Acq: 21 Nov 2018 19:23

Instrument :
BNA_M
ClientSampleId :
111918-JETT-E-U-M

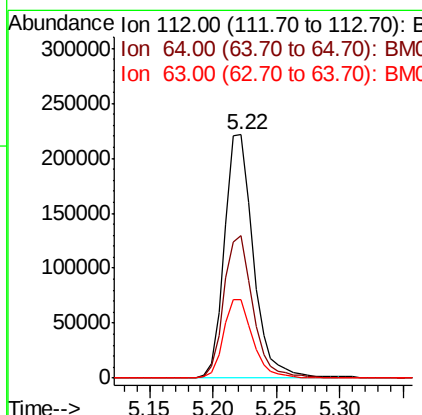
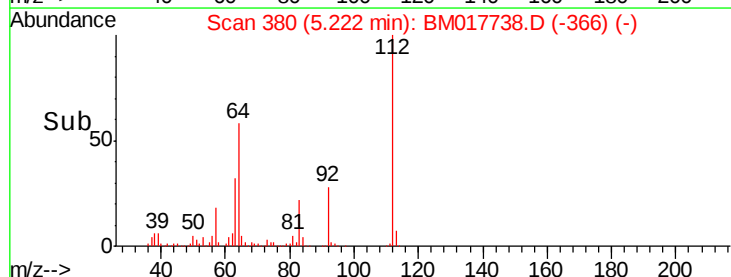
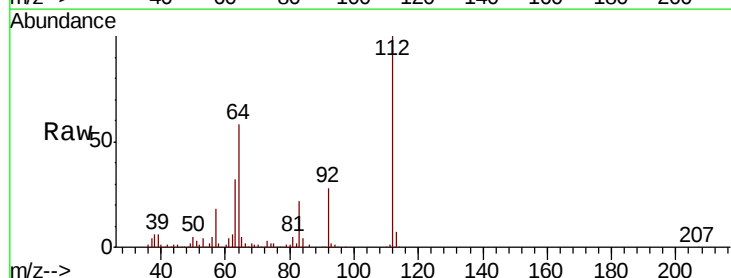
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.4	189.6
115	60.2	49.4	74.0

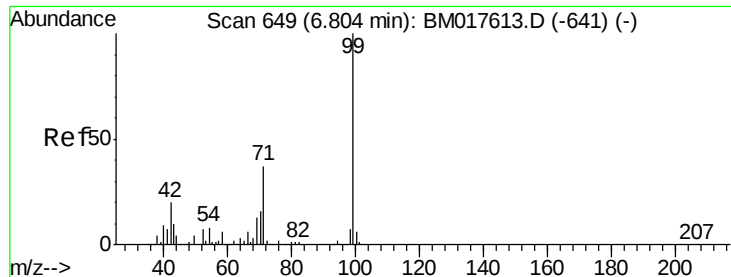


#5

2-Fluorophenol
Concen: 34.982 ng
RT: 5.22 min Scan# 380
Delta R.T. -0.02 min
Lab File: BM017738.D
Acq: 21 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.3	73.9
63	32.3	26.2	39.4





#7

Phenol-d6

Concen: 18.872 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017738.D

Acq: 21 Nov 2018 19:23

Instrument :

BNA_M

ClientSampleId :

111918-JETT-E-U-M

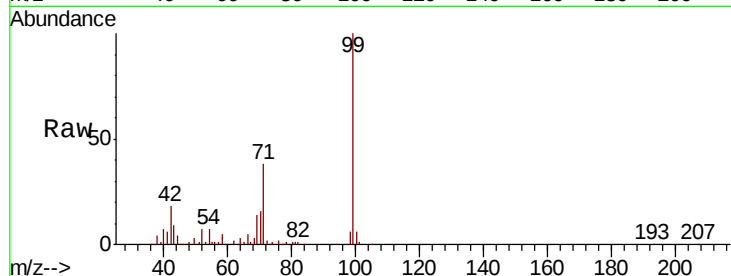
Tot Ion: 99 Resp: 264023

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

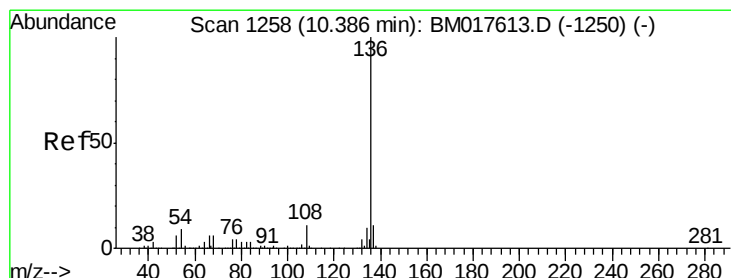
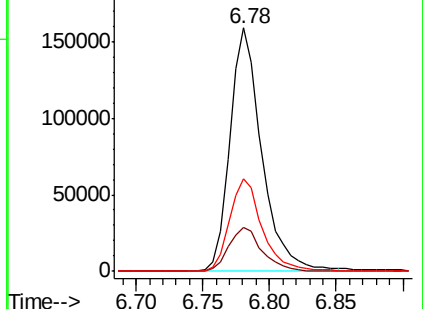
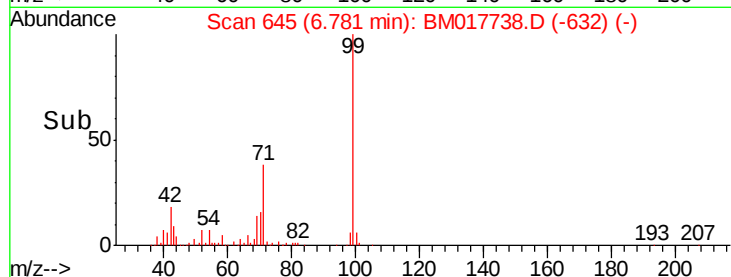
71 37.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017738.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017738.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017738.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BM017738.D

Acq: 21 Nov 2018 19:23

Tgt Ion: 136 Resp: 695814

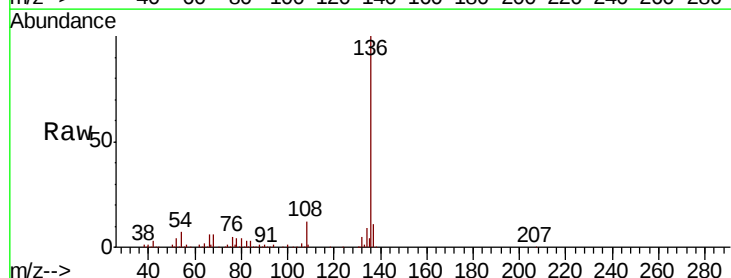
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.3 7.0 10.6

68 5.7 4.9 7.3

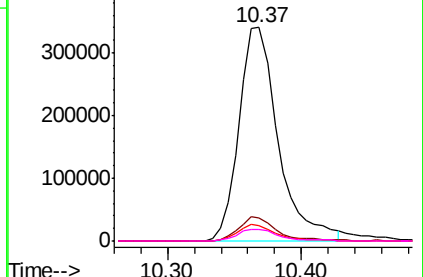
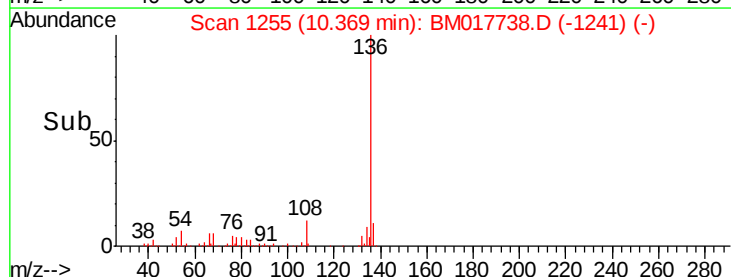


Abundance Ion 136.00 (135.70 to 136.70): BM017738.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017738.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017738.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017738.D (-1241) (-)



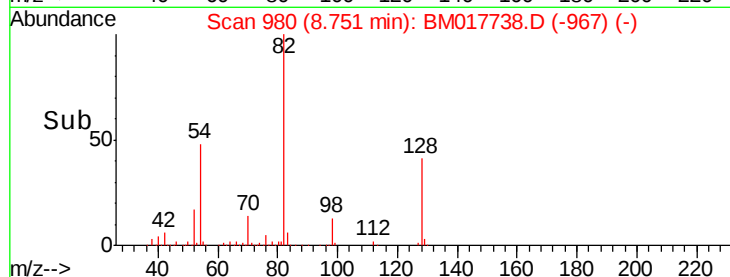
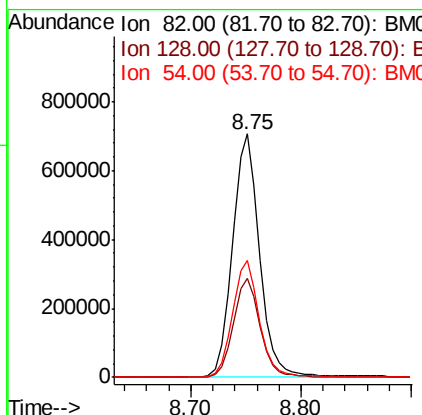
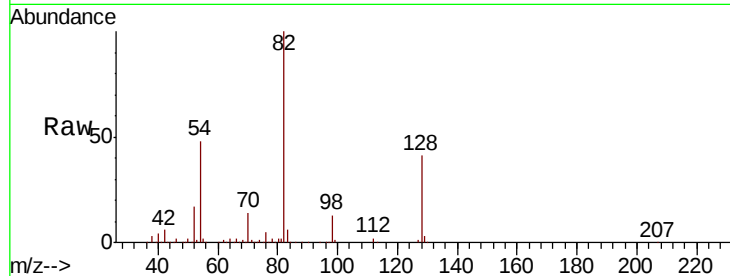


#23
 Nitrobenzene-d5
 Concen: 90.189 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BM017738.D
 Acq: 21 Nov 2018 19:23

Instrument :
 BNA_M
 ClientSampleId :
 111918-JETT-E-U-M

Tot Ion: 82 Resp: 1215578

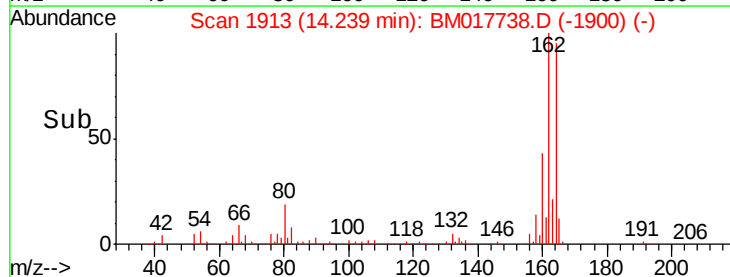
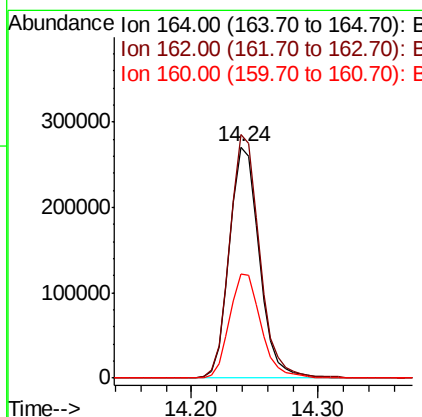
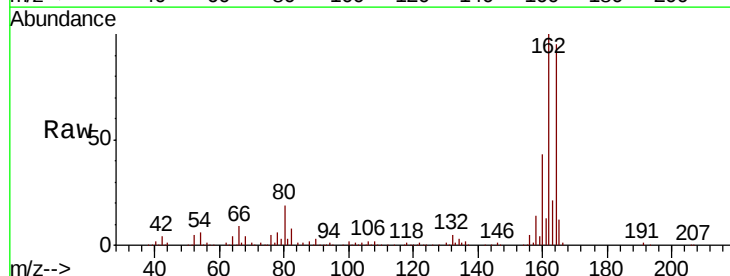
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	48.2	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM017738.D
 Acq: 21 Nov 2018 19:23

Tgt Ion: 164 Resp: 442491

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.4	122.0
160	44.9	35.6	53.4

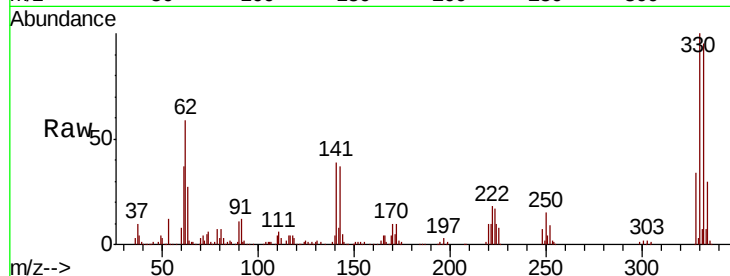




#42
 2,4,6-Tribromophenol
 Concen: 88.942 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM017738.D
 Acq: 21 Nov 2018 19:23

Instrument :
 BNA_M
 ClientSampleId :
 111918-JETT-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.9	116.9
141	37.5	27.5	41.3

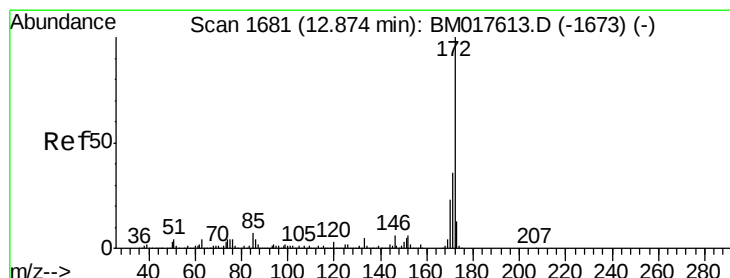
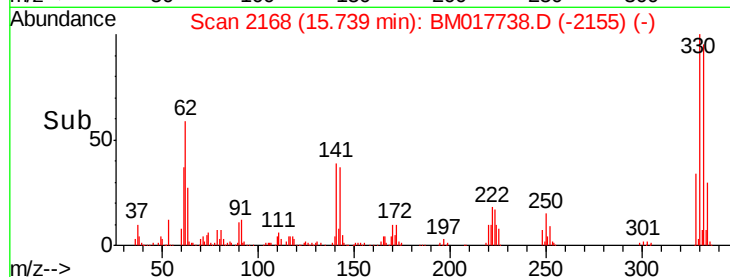
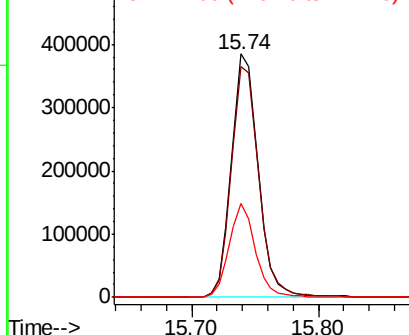


Abundance

Ion 329.80 (329.50 to 330.50): E

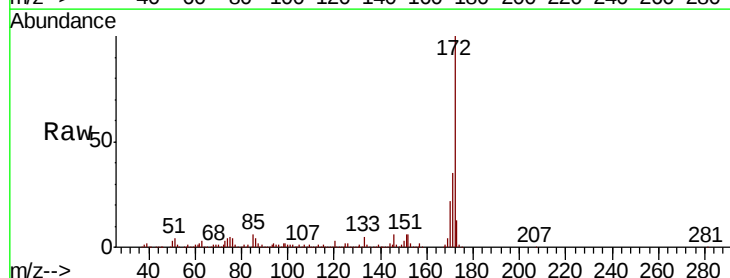
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.803 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM017738.D
 Acq: 21 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.4	18.3	27.5

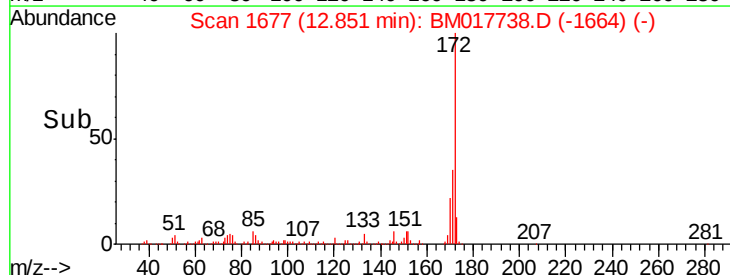
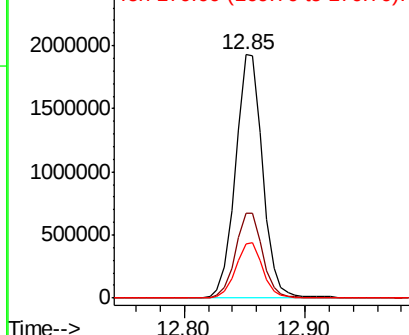


Abundance

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

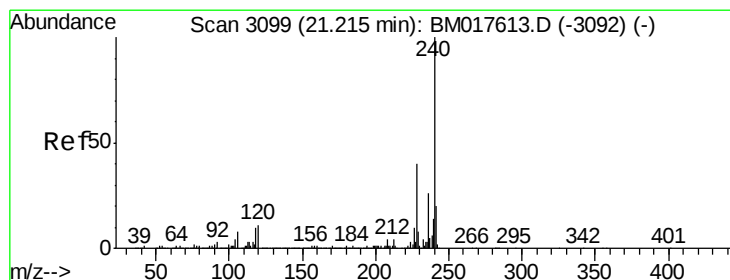
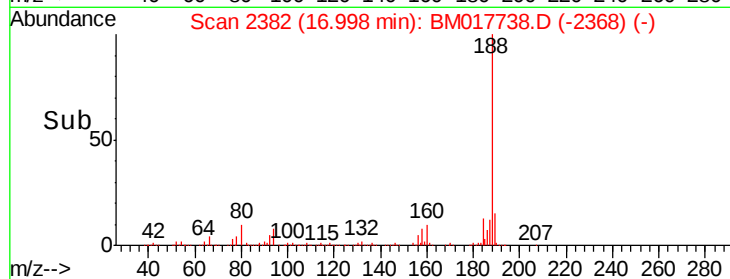
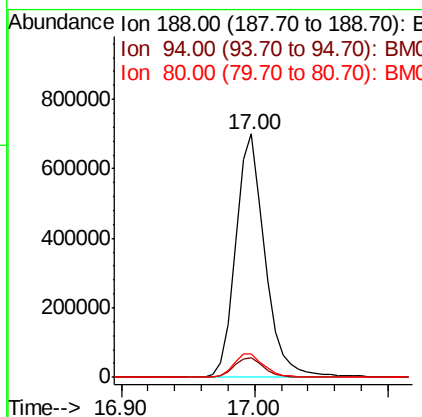
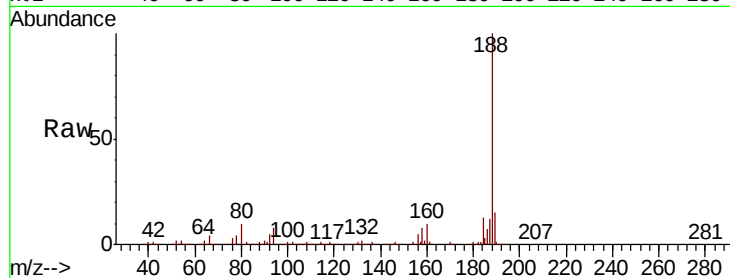




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM017738.D
Acq: 21 Nov 2018 19:23

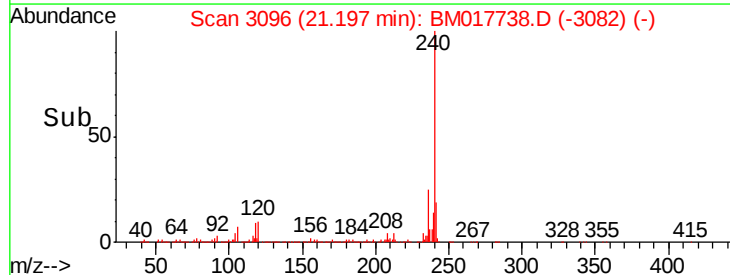
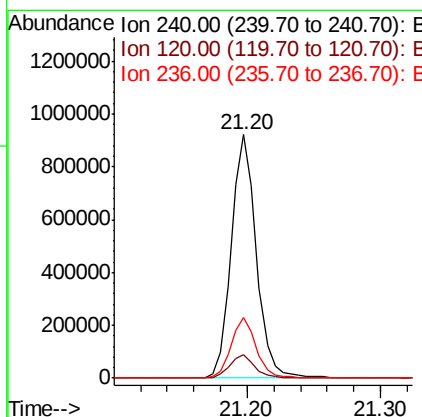
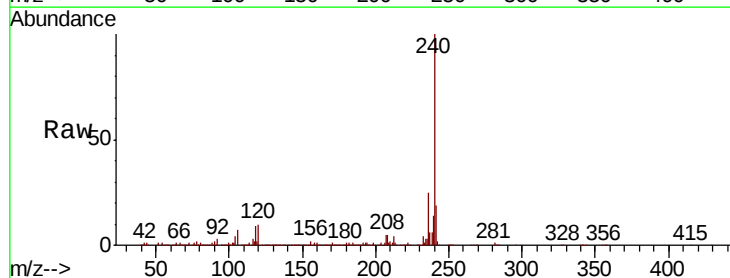
Instrument :
BNA_M
ClientSampleId :
111918-JETT-E-U-M

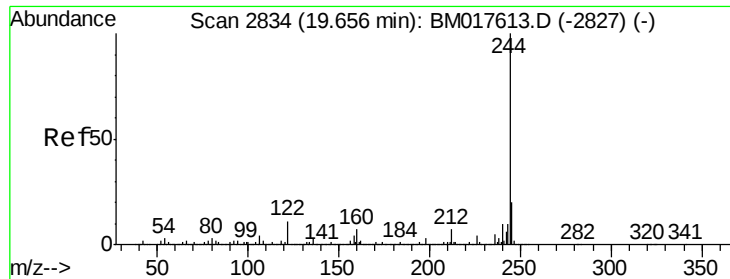
Tot Ion:188 Resp: 1067721
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 9.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.02 min
Lab File: BM017738.D
Acq: 21 Nov 2018 19:23

Tgt Ion:240 Resp: 1208679
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 24.7 20.4 30.6





#79

Terphenyl-d14

Concen: 79.990 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017738.D

Acq: 21 Nov 2018 19:23

Instrument :

BNA_M

ClientSampleId :

111918-JETT-E-U-M

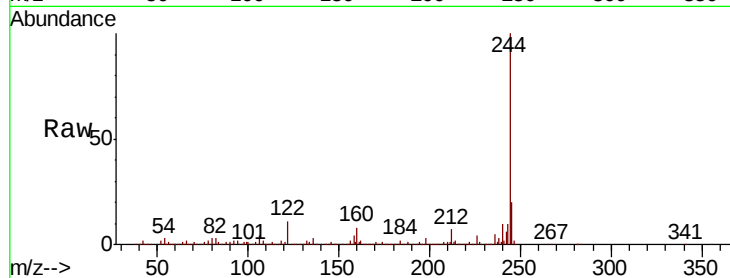
Tot Ion:244 Resp: 4265875

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

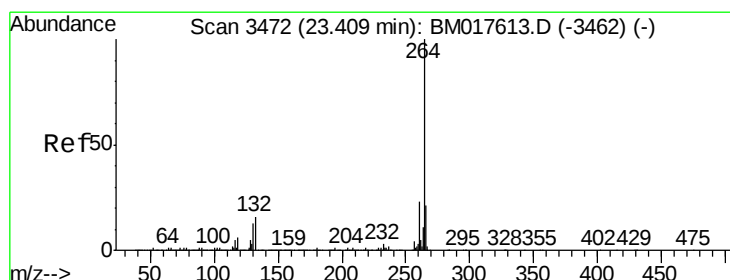
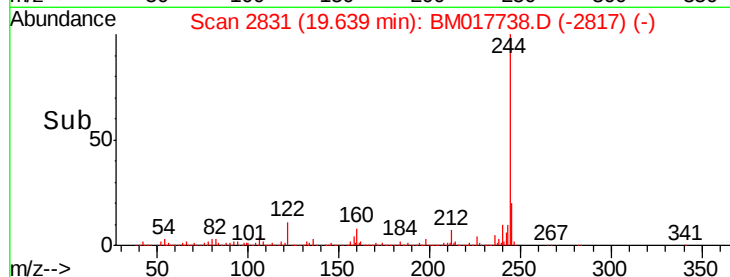
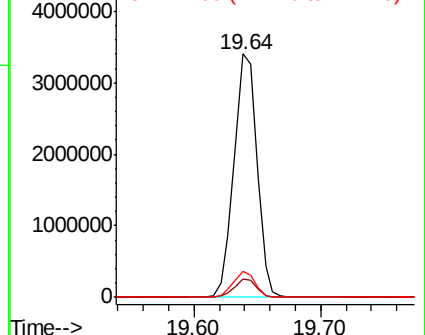
122 10.6 9.0 13.6



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: 23.39 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM017738.D

Acq: 21 Nov 2018 19:23

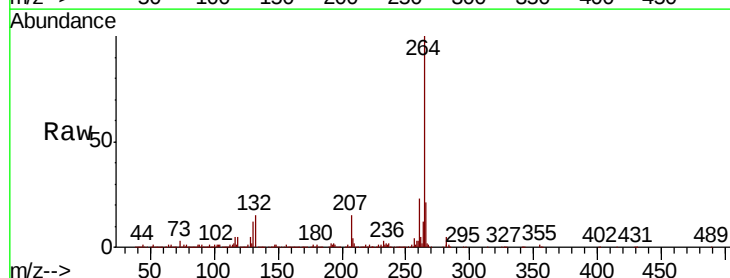
Tgt Ion:264 Resp: 1159062

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.3 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

