

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
 Data File : BM017747.D
 Acq On : 22 Nov 2018 00:50
 Operator : MJ/SJ
 Sample : J6023-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 111918-CHDE-E-D-S

Quant Time: Nov 22 01:50:52 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

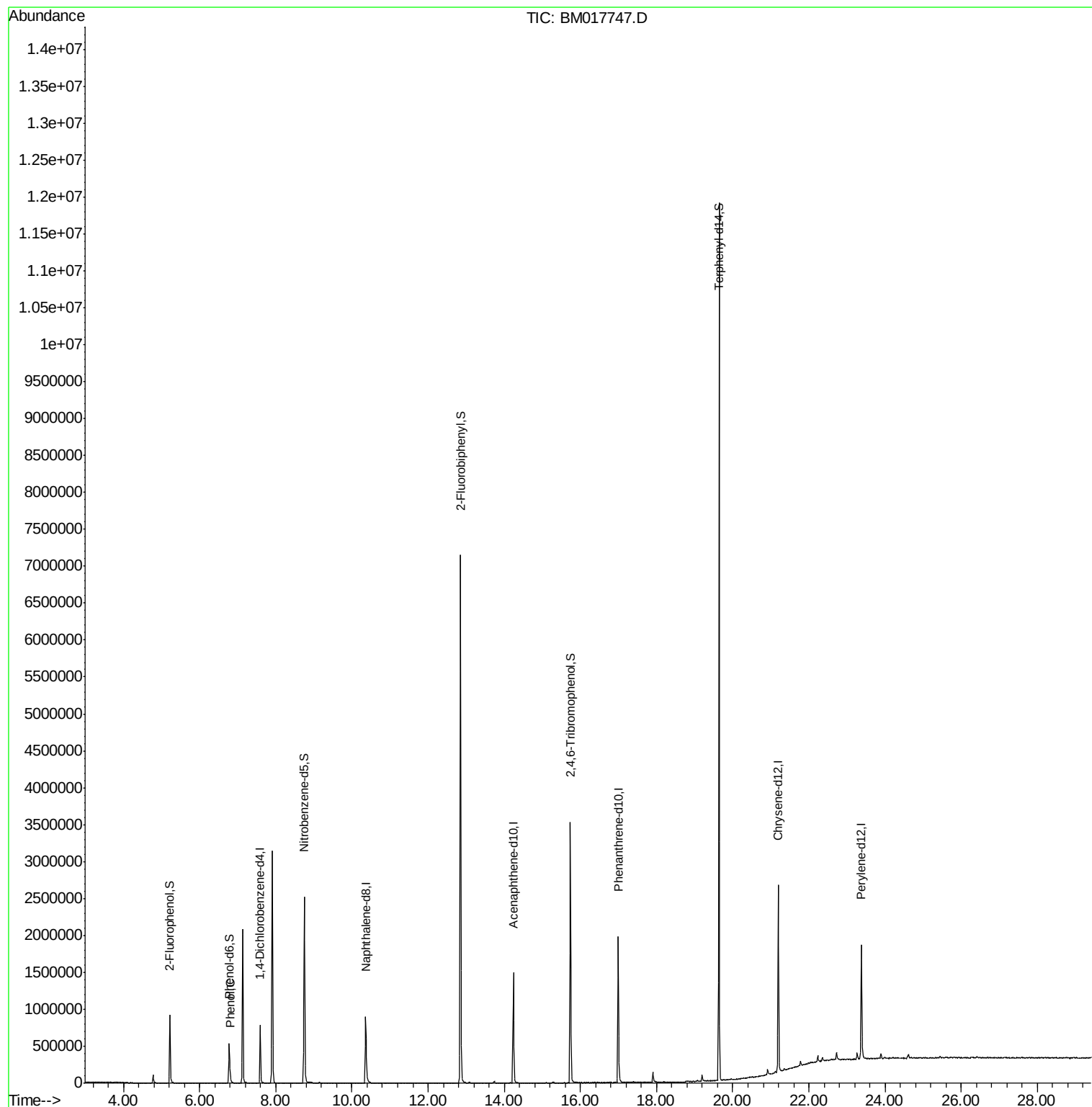
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	199857	20.00	ng	-0.02
21) Naphthalene-d8	10.36	136	833984	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	509802	20.00	ng	-0.02
64) Phenanthrene-d10	16.99	188	1237704	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1260630	20.00	ng	-0.02
87) Perylene-d12	23.38	264	1103790	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	382732	32.32	ng	-0.02
7) Phenol-d6	6.78	99	305111	18.45	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1517967	93.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.74	330	630292	86.05	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	3645447	92.77	ng	-0.02
79) Terphenyl-d14	19.64	244	5073429	91.21	ng	-0.02
Target Compounds						
10) Phenol	6.81	94	40753	2.347	ng	Qvalue 94

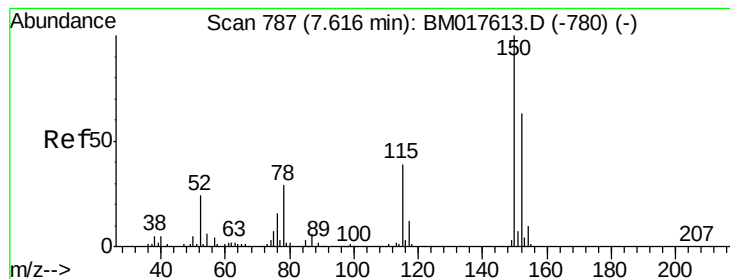
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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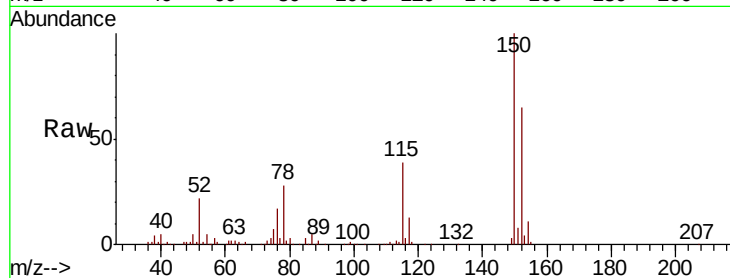


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Instrument :
BNA_M
ClientSampleId :
111918-CHDE-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.4	189.6
115	60.5	49.4	74.0

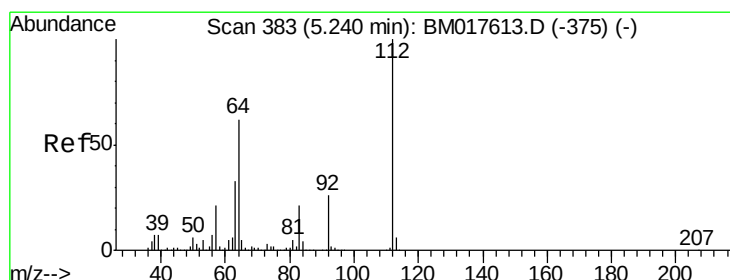
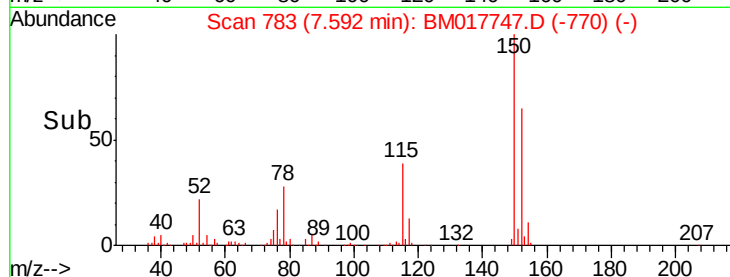
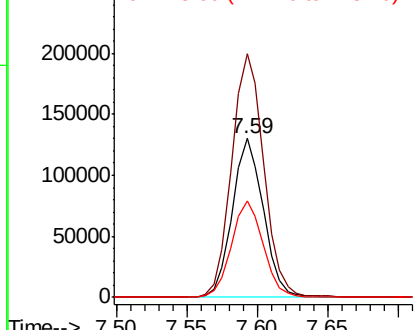


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

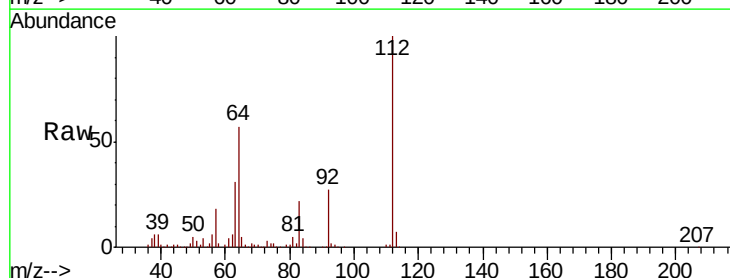
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.319 ng
RT: 5.22 min Scan# 379
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	49.3	73.9
63	31.3	26.2	39.4

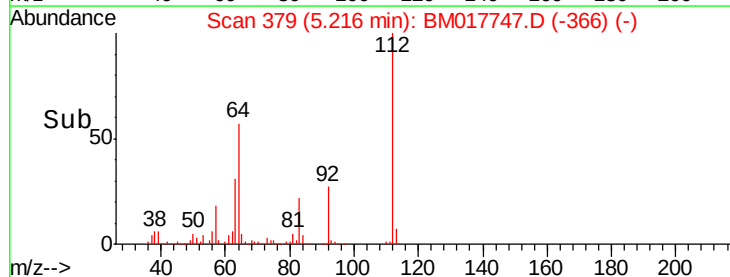
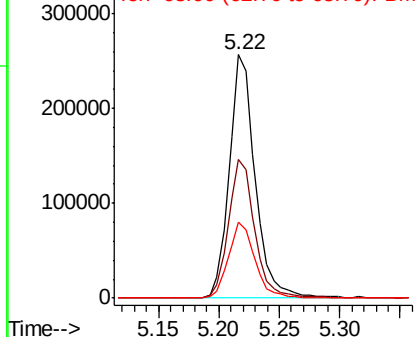


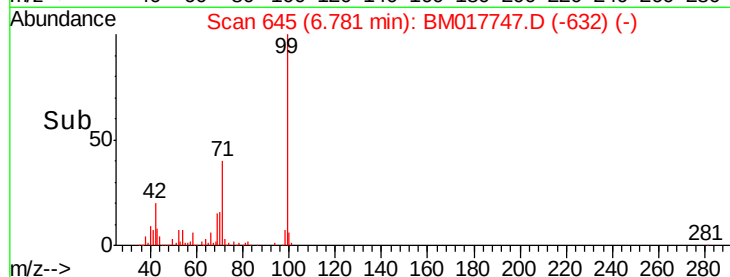
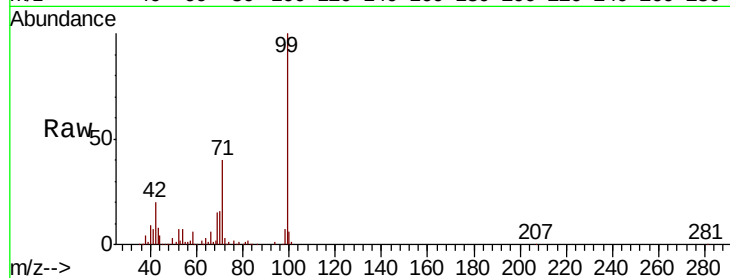
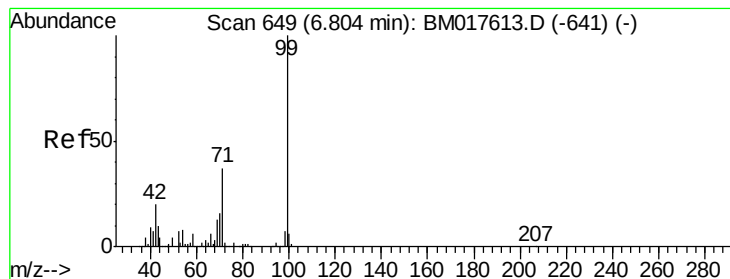
Abundance

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: 18.447 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017747.D

Acq: 22 Nov 2018 00:50

Instrument :

BNA_M

ClientSampleId :

111918-CHDE-E-D-S

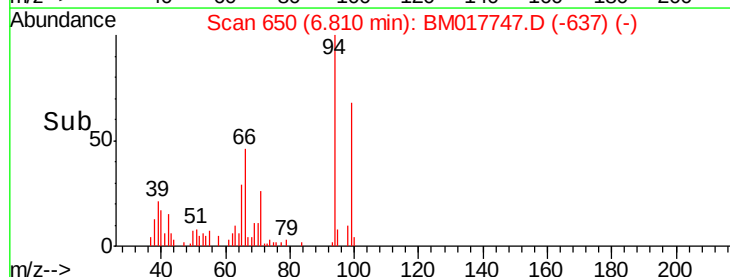
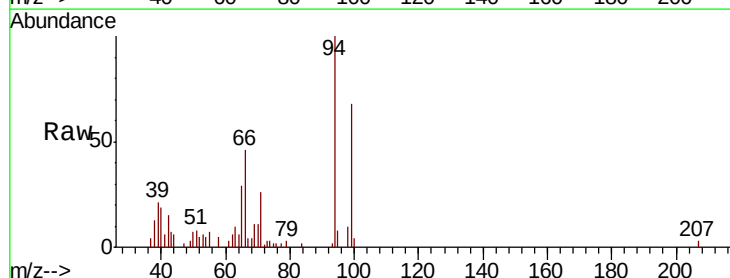
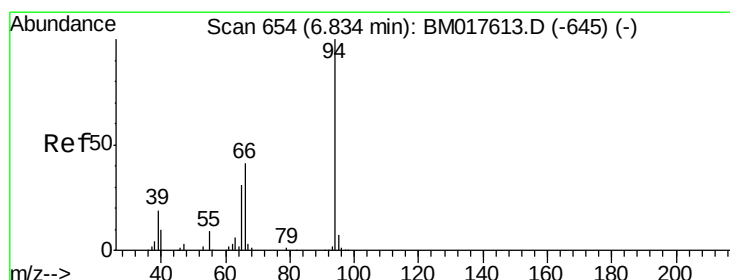
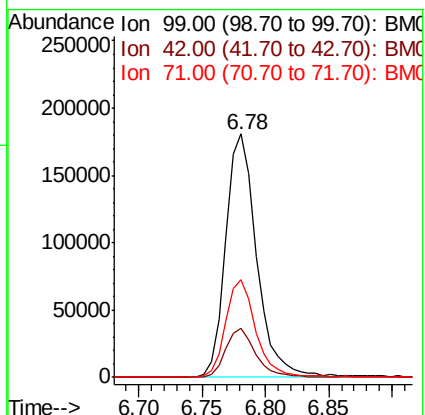
Tot Ion: 99 Resp: 305111

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

71 39.9 29.8 44.8



#10

Phenol

Concen: 2.347 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017747.D

Acq: 22 Nov 2018 00:50

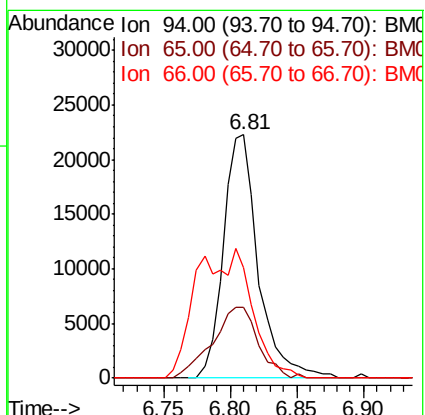
Tgt Ion: 94 Resp: 40753

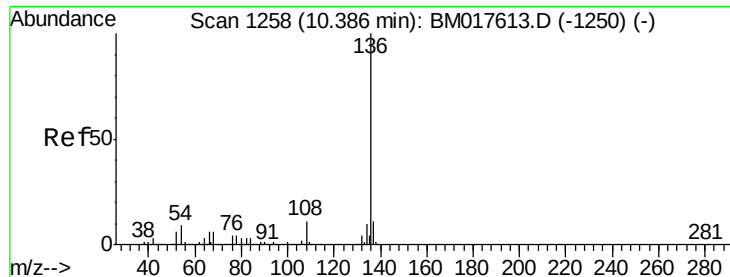
Ion Ratio Lower Upper

94 100

65 28.9 11.4 51.4

66 45.6 21.4 61.4

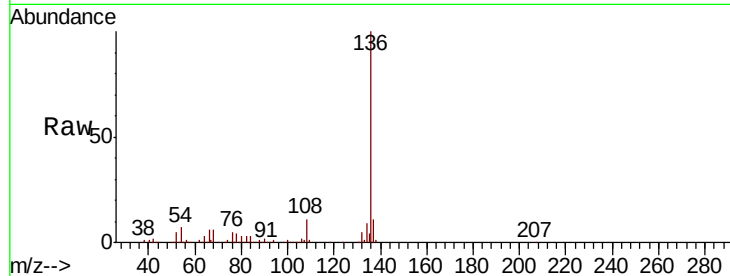




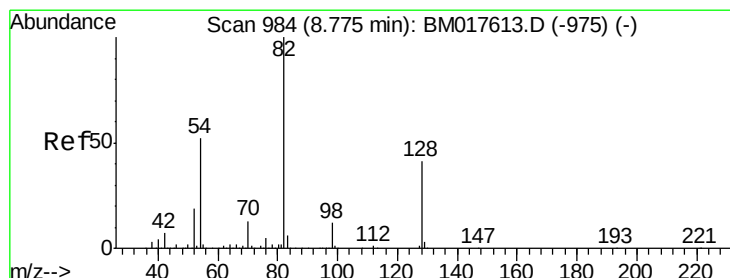
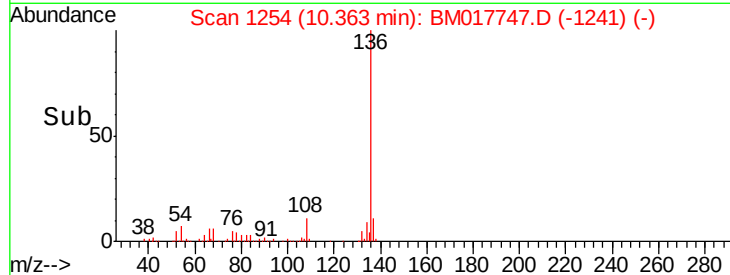
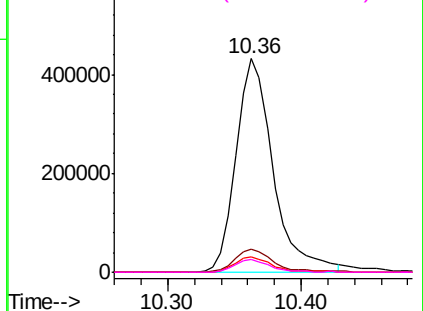
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Instrument :
BNA_M
ClientSampleId :
111918-CHDE-E-D-S

Tot Ion:136	Resp:	833984	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	12.8	
54 7.2	7.0	10.6	
68 5.9	4.9	7.3	

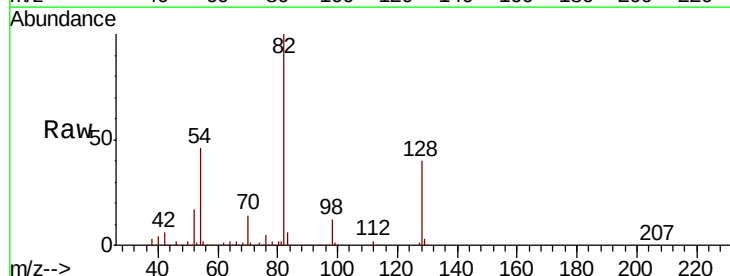


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

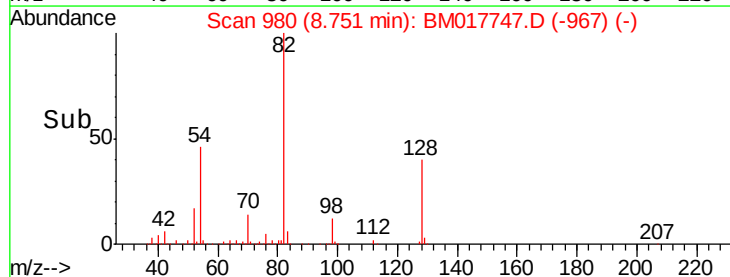
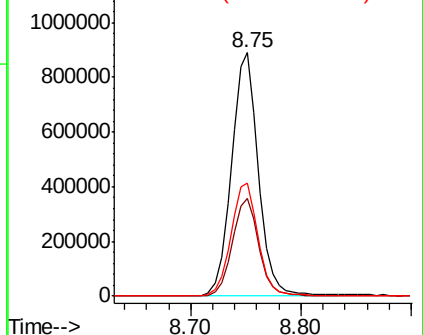


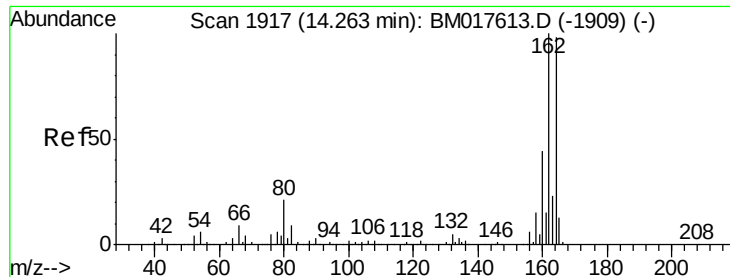
#23
Nitrobenzene-d5
Concen: 93.965 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Tgt	Ion: 82	Resp: 1517967	
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.4
54	46.4	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: 14.24 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM017747.D

Acq: 22 Nov 2018 00:50

Instrument :

BNA_M

ClientSampleId :

111918-CHDE-E-D-S

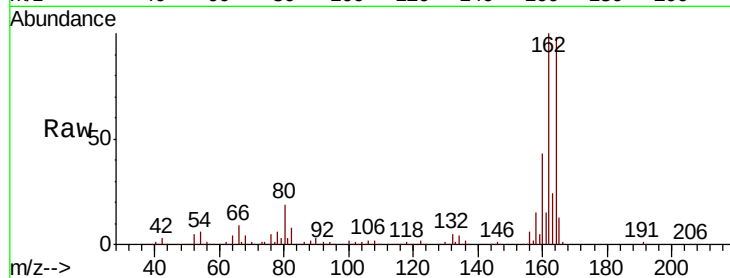
Tot Ion:164 Resp: 509802

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

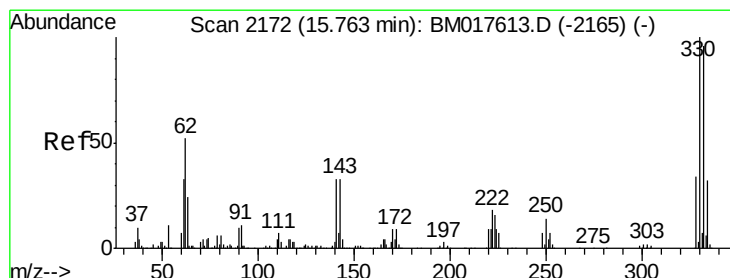
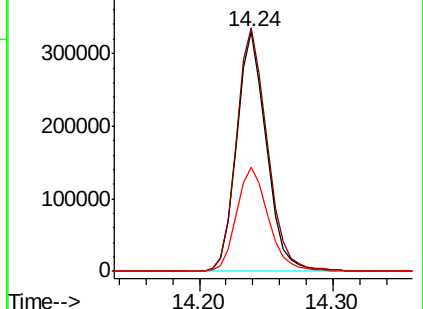
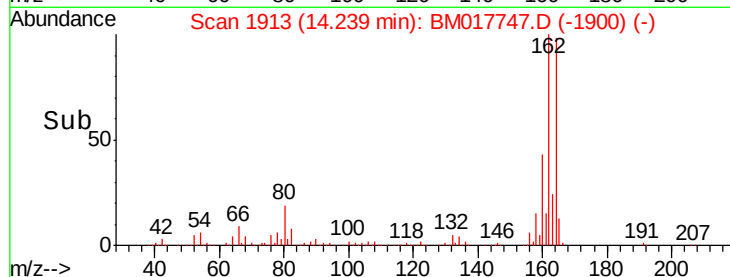
160 43.5 35.6 53.4



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: 86.045 ng

RT: 15.74 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM017747.D

Acq: 22 Nov 2018 00:50

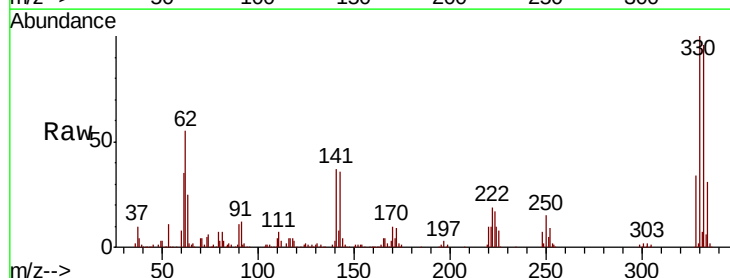
Tgt Ion:330 Resp: 630292

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

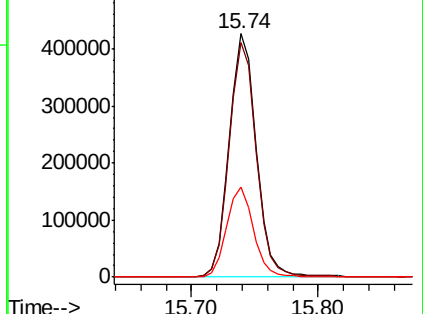
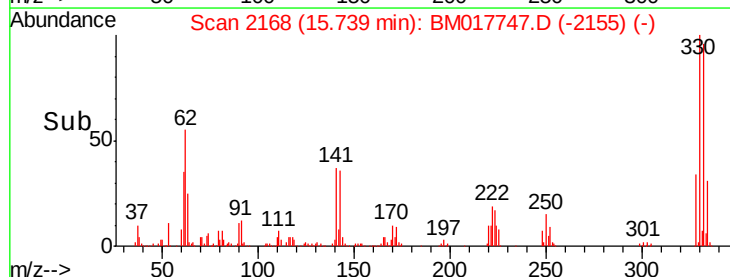
141 36.8 27.5 41.3

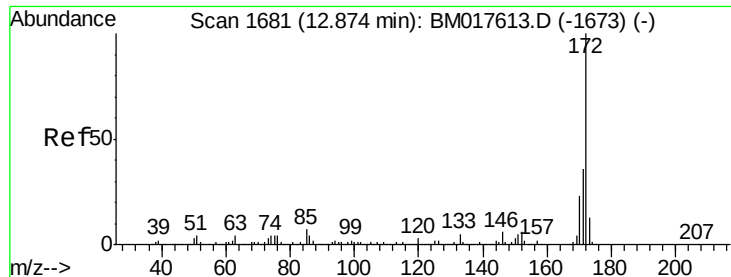


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

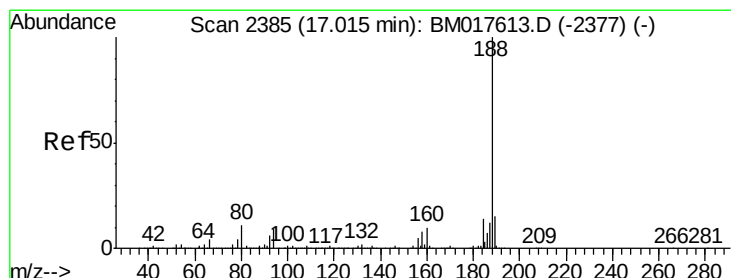
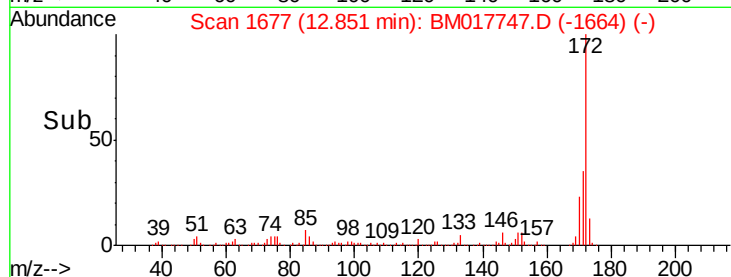
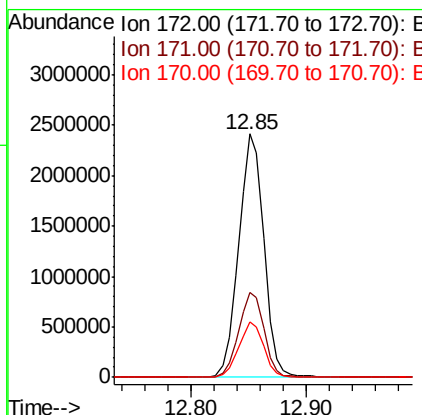
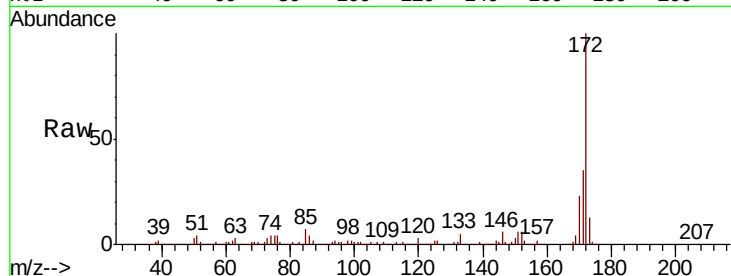




#45
2-Fluorobiphenyl
Concen: 92.769 ng
RT: 12.85 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

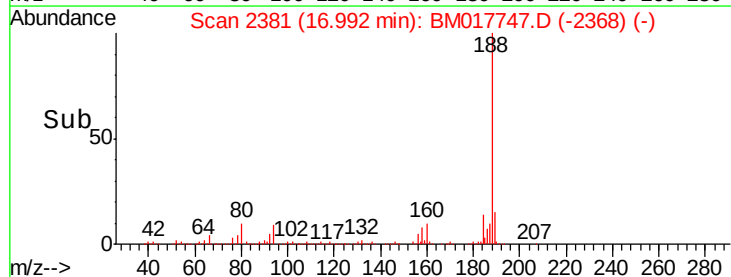
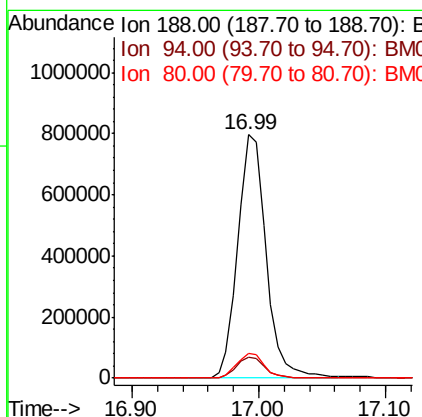
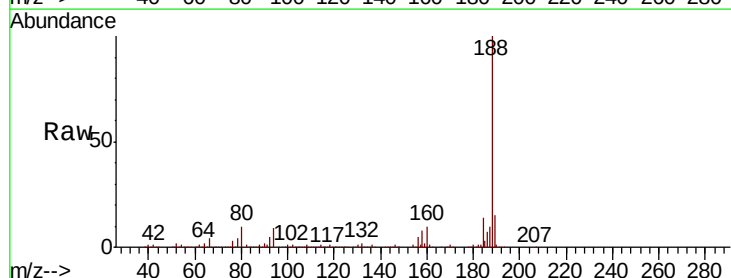
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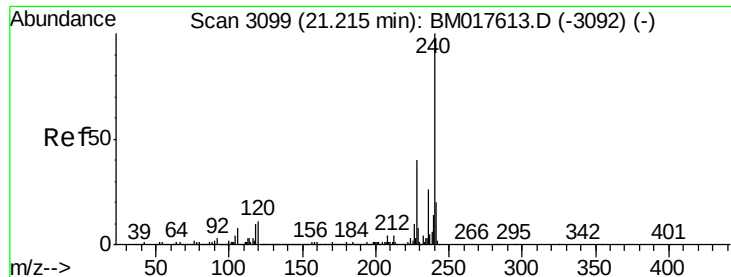
Tot Ion:172 Resp: 3645447
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 22.8 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Tgt Ion:188 Resp: 1237704
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.0 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: BM017747.D

Acq: 22 Nov 2018 00:50

Instrument :

BNA_M

ClientSampleId :

111918-CHDE-E-D-S

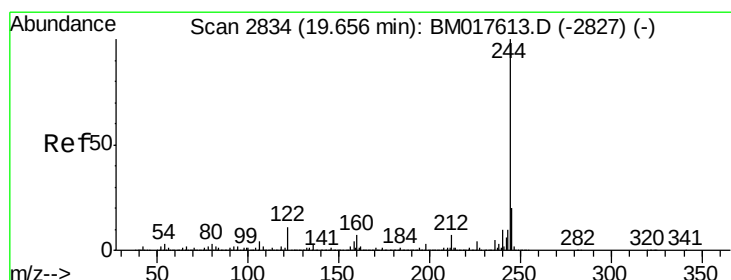
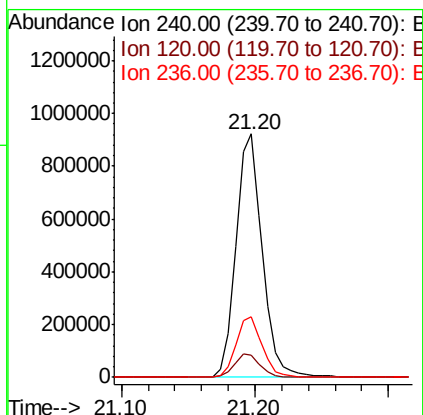
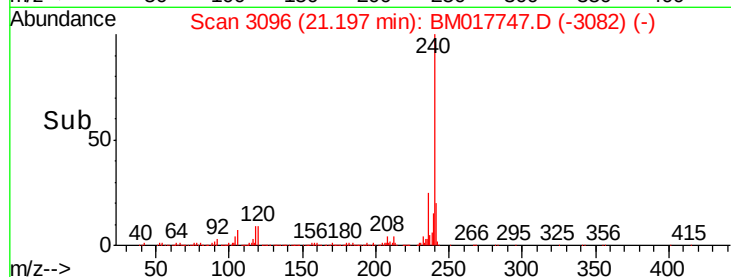
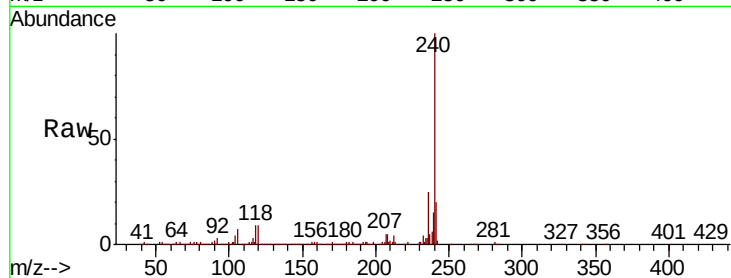
Tot Ion:240 Resp: 1260630

Ion Ratio Lower Upper

240 100

120 8.9 8.5 12.7

236 24.9 20.4 30.6



#79

Terphenyl-d14

Concen: 91.213 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017747.D

Acq: 22 Nov 2018 00:50

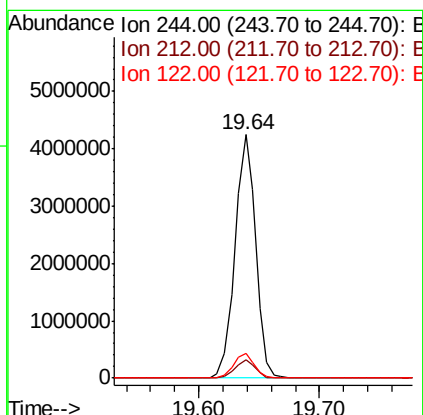
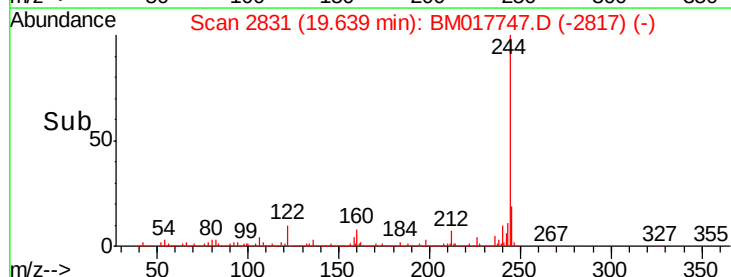
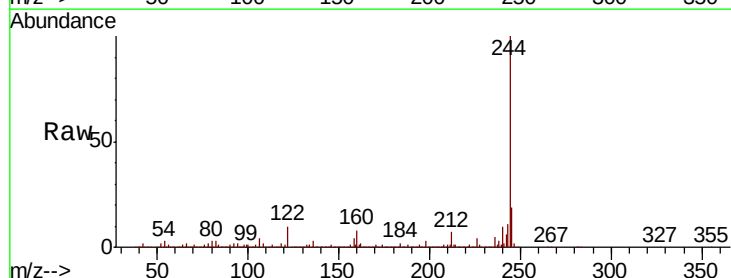
Tgt Ion:244 Resp: 5073429

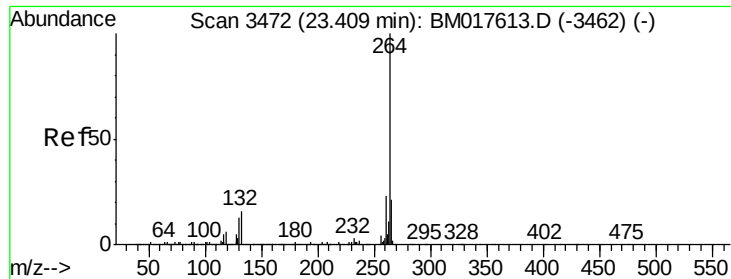
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.4 9.0 13.6



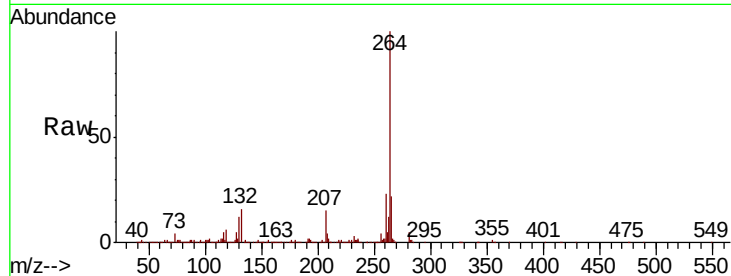


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.03 min
Lab File: BM017747.D
Acq: 22 Nov 2018 00:50

Instrument :
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Tot Ion:264 Resp: 1103790

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.0	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

