

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017592.D
 Acq On : 09 Nov 2018 15:35
 Operator : MJ/SJ
 Sample : J5860-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-105(8-12)

Quant Time: Nov 12 00:31:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

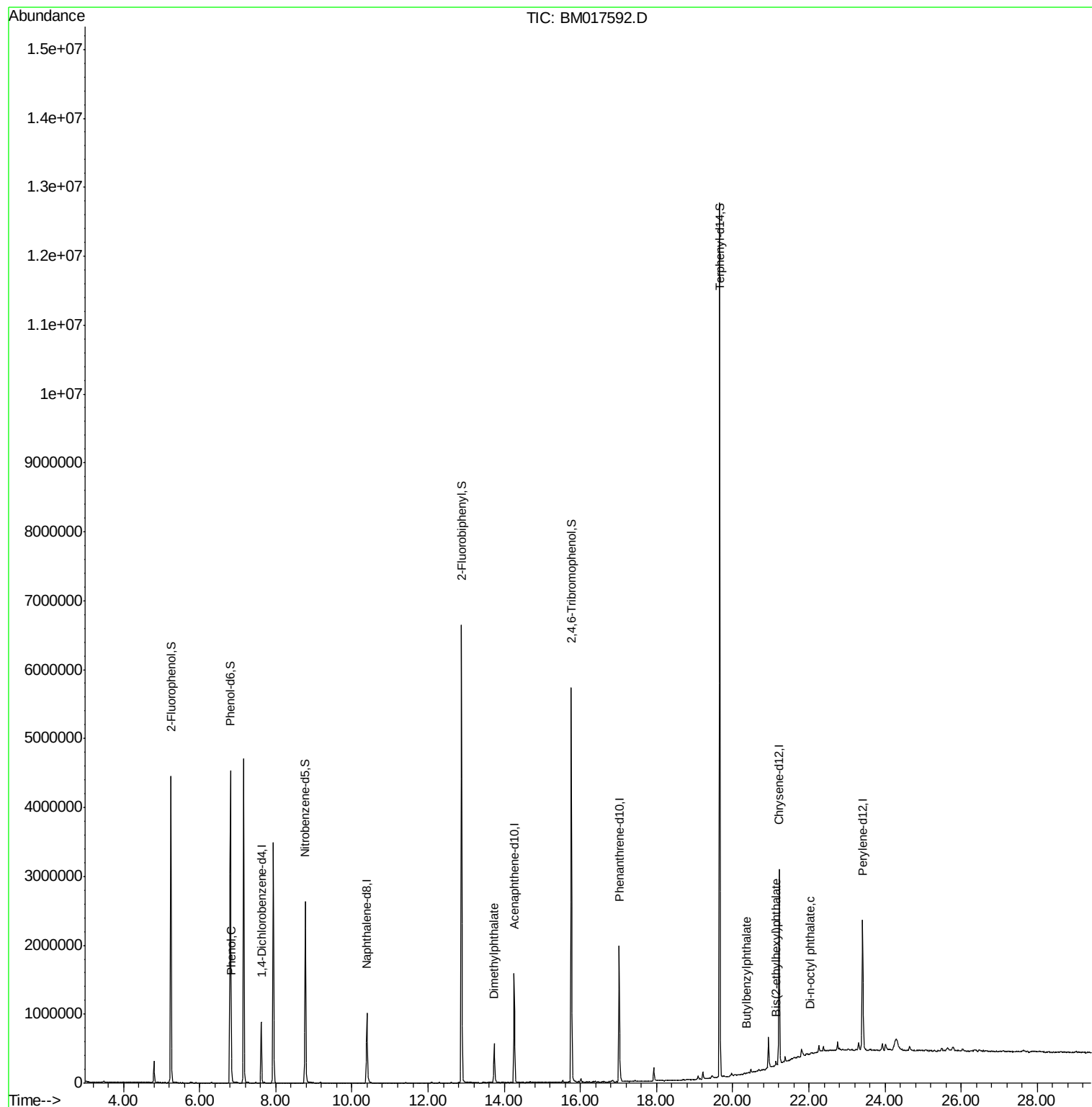
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	230533	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	909921	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	528851	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1215212	20.00	ng	-0.03
76) Chrysene-d12	21.21	240	1367923	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1355706	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1780118	130.60	ng	-0.02
7) Phenol-d6	6.81	99	2439437	131.41	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1494435	96.06	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	996601	139.35	ng	-0.03
45) 2-Fluorobiphenyl	12.88	172	3491617	87.85	ng	-0.02
79) Terphenyl-d14	19.66	244	5544518	91.36	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	173886	8.703	ng	94
50) Dimethylphthalate	13.73	163	426519	10.454	ng	99
80) Butylbenzylphthalate	20.37	149	1150	7.210	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.14	149	20751	5.723	ng	# 90
85) Di-n-octyl phthalate	22.02	149	477	5.577	ng	# 1

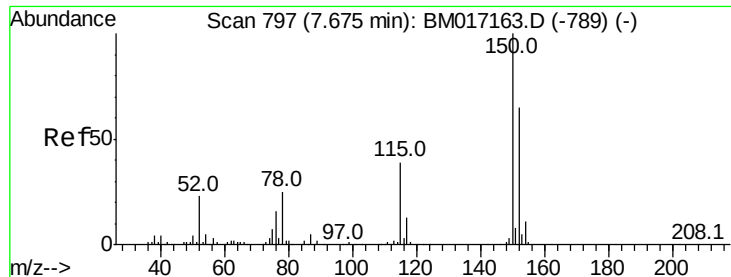
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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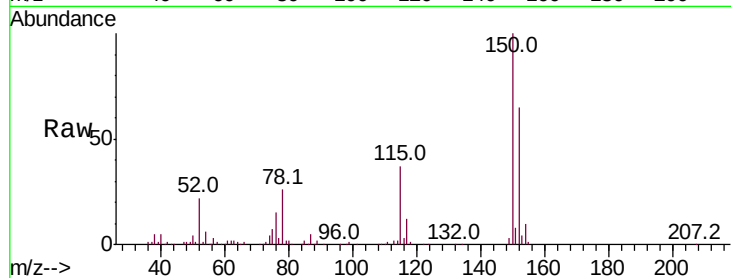


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.62 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-105(8-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	57.7	48.1	72.1

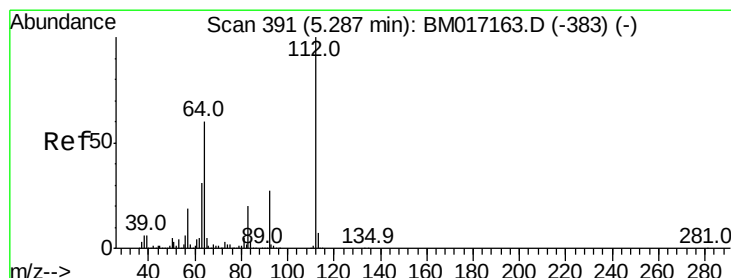
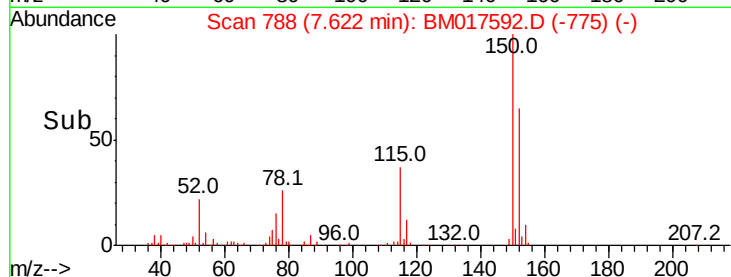
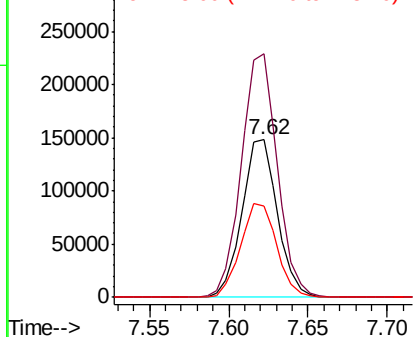


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

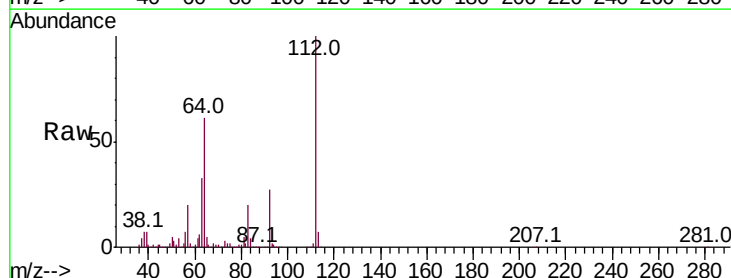
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 130.601 ng
 RT: 5.25 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	41.7	62.5
63	33.2	23.0	34.4

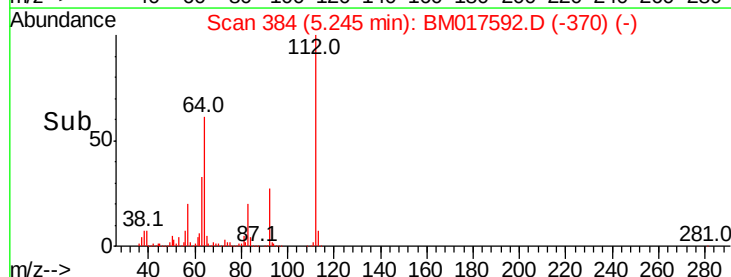
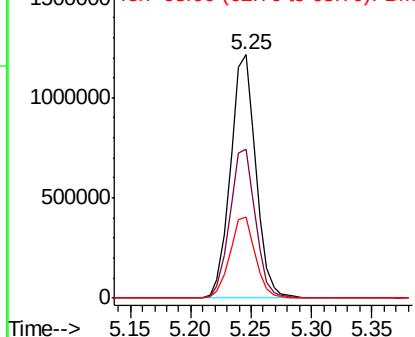


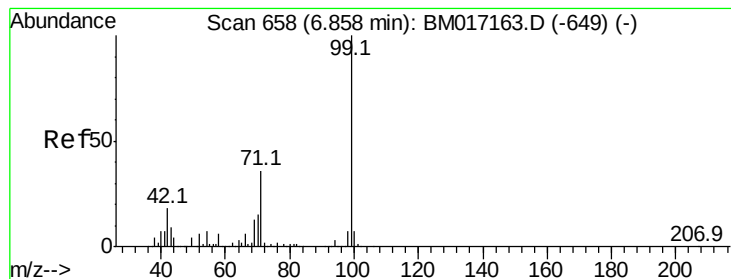
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 131.410 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017592.D

Acq: 09 Nov 2018 15:35

Instrument :

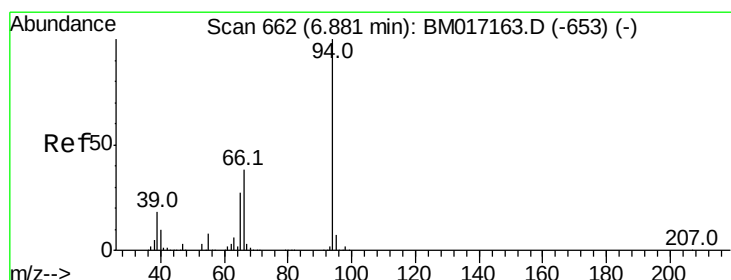
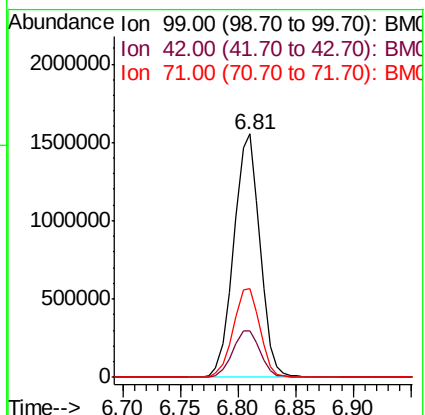
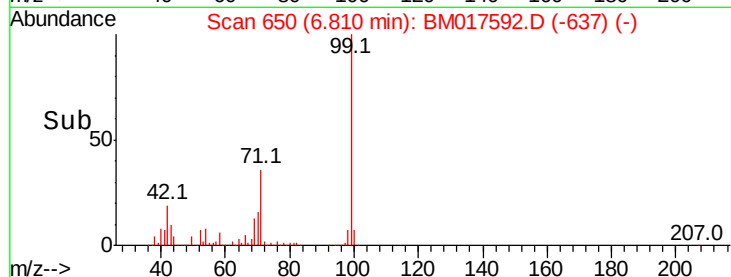
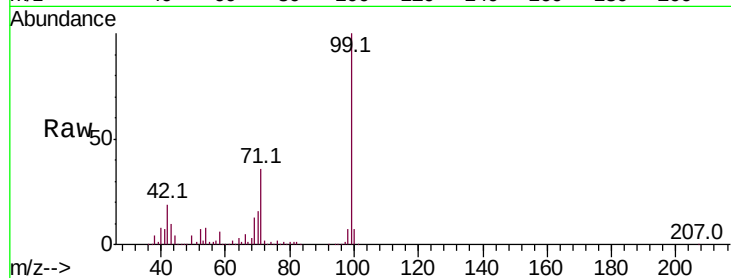
BNA_M

ClientSampleId :

EP2-SB-105(8-12)

Tot Ion: 99 Resp: 2439437

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.3	19.9
71	36.4	28.0	42.0



#10

Phenol

Concen: 8.703 ng

RT: 6.83 min Scan# 654

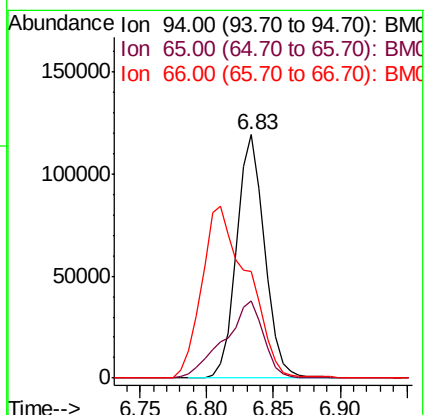
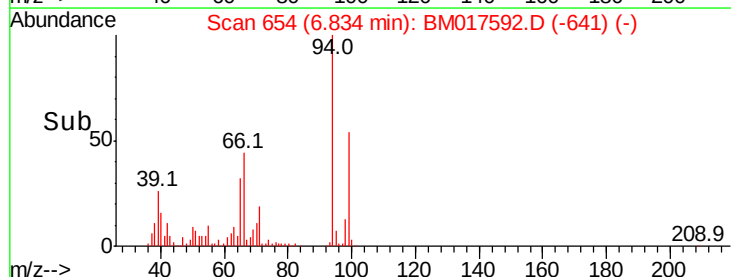
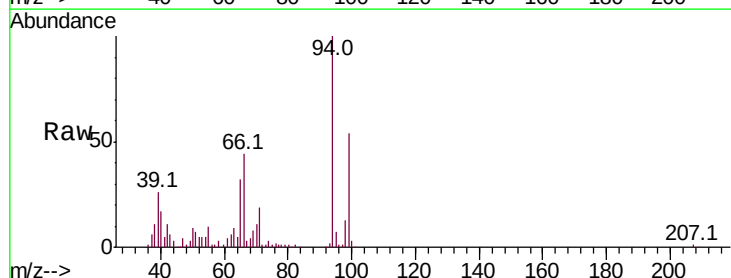
Delta R.T. -0.02 min

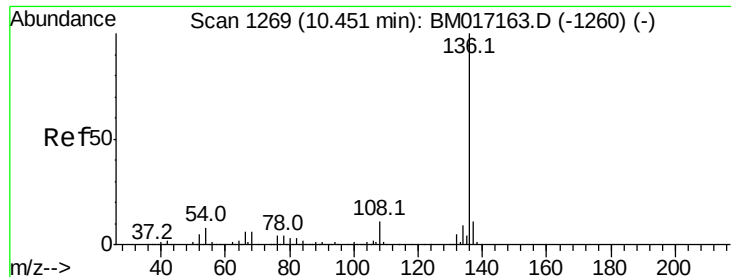
Lab File: BM017592.D

Acq: 09 Nov 2018 15:35

Tgt Ion: 94 Resp: 173886

Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.4	49.4
66	43.9	19.0	59.0

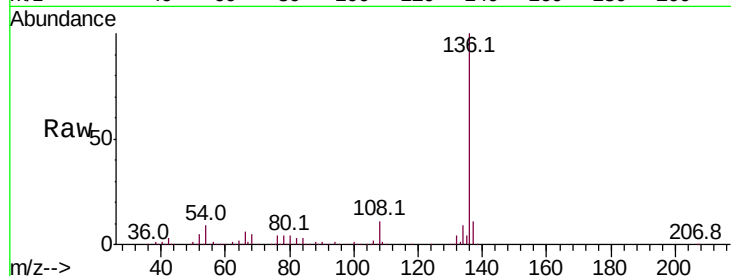




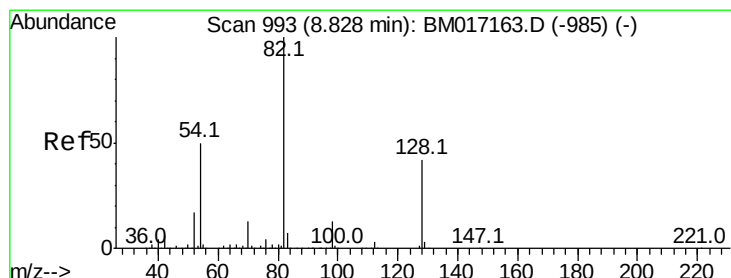
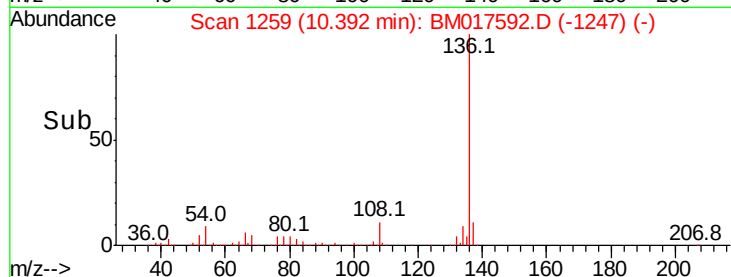
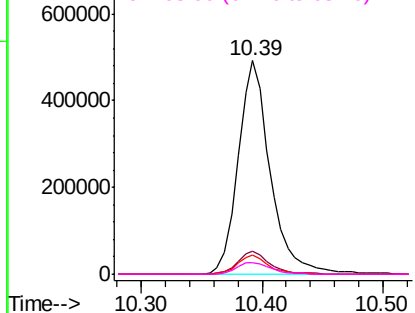
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017592.D
Acq: 09 Nov 2018 15:35

Instrument :
BNA_M
ClientSampleId :
EP2-SB-105(8-12)

Tot Ion:136	Resp:	909921	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.2	13.8	
54 8.8	6.7	10.1	
68 5.4	4.7	7.1	

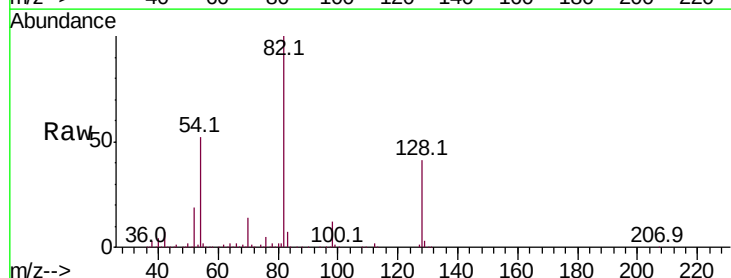


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

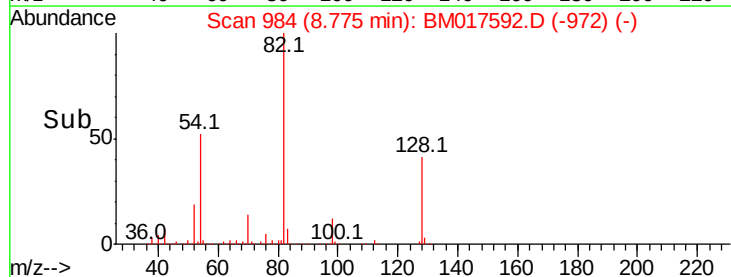
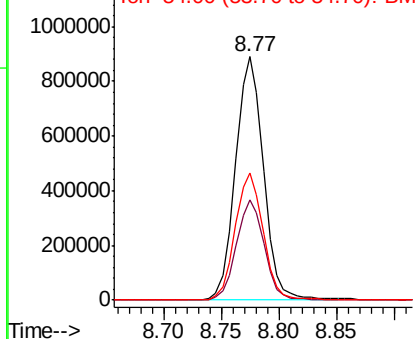


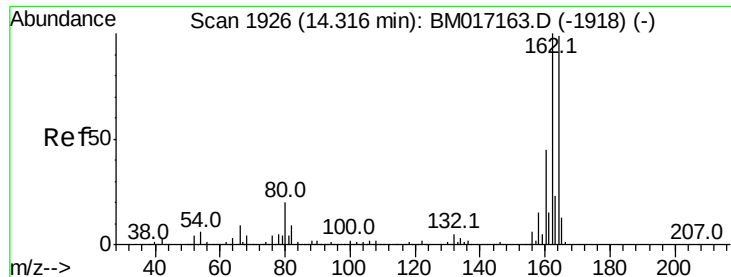
#23
Nitrobenzene-d5
Concen: 96.056 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017592.D
Acq: 09 Nov 2018 15:35

Tgt Ion: 82	Resp: 1494435
Ion Ratio	Lower Upper
82 100	
128 41.3	37.0 55.6
54 52.3	40.7 61.1



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

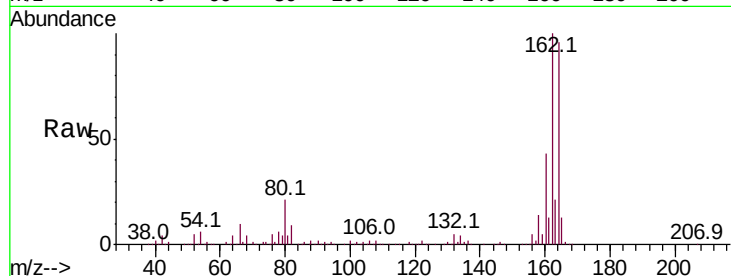




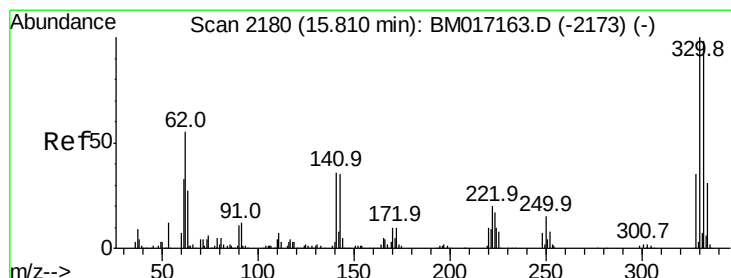
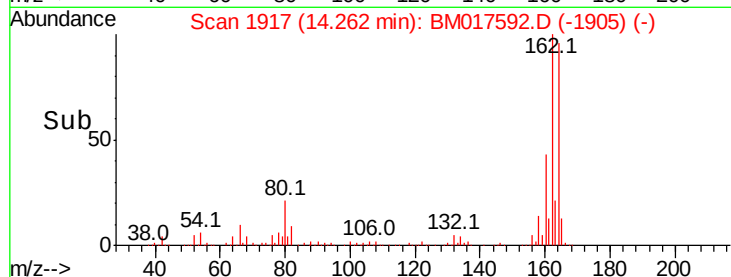
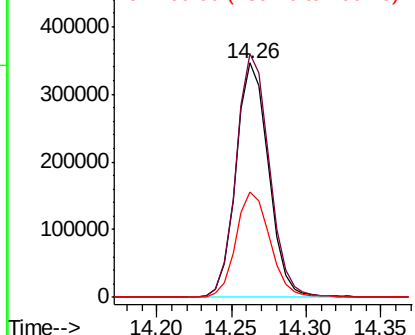
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.03 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-105(8-12)

Tot Ion:164 Resp: 528851
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 44.8 40.2 60.2

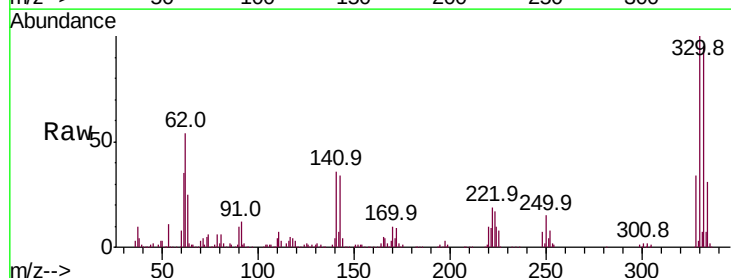


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

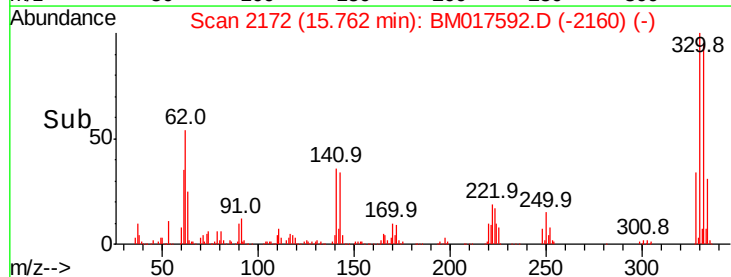
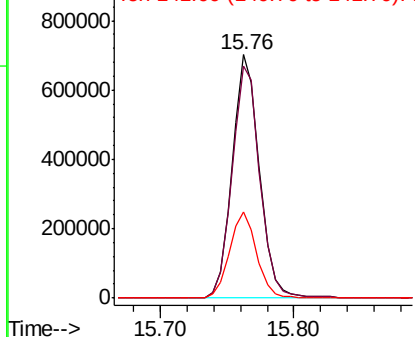


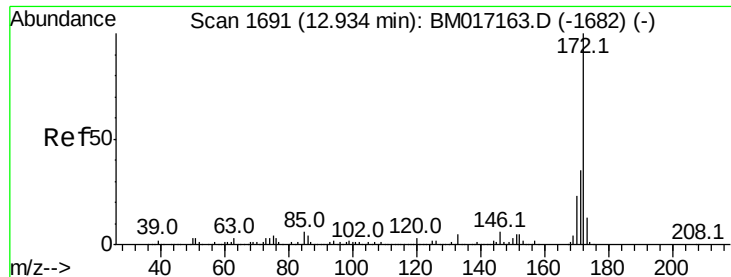
#42
 2,4,6-Tribromophenol
 Concen: 139.347 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. -0.03 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Tgt Ion:330 Resp: 996601
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 35.3 27.4 41.0



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

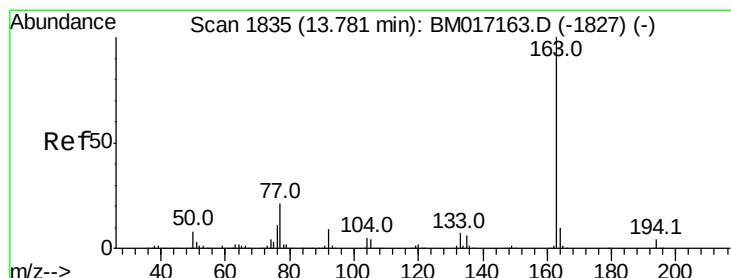
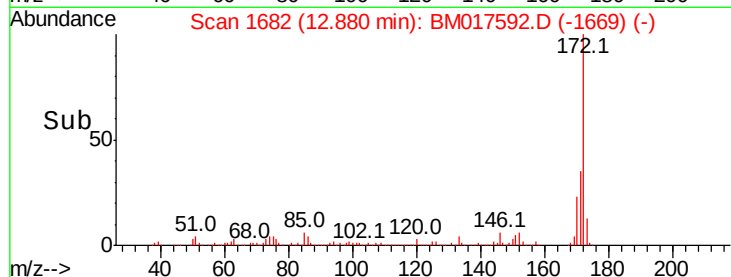
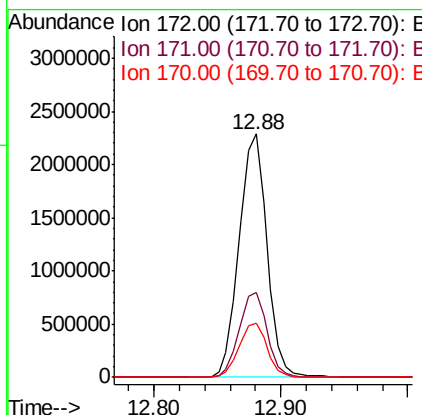
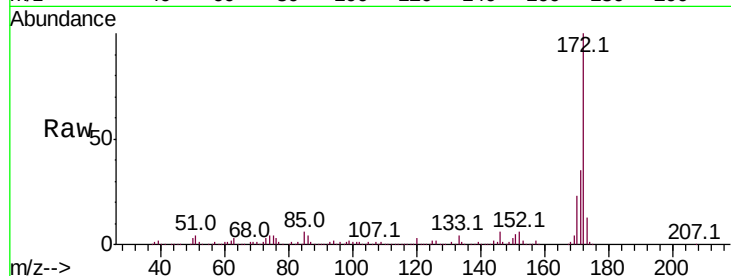




#45
2-Fluorobiphenyl
Concen: 87.846 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017592.D
Acq: 09 Nov 2018 15:35

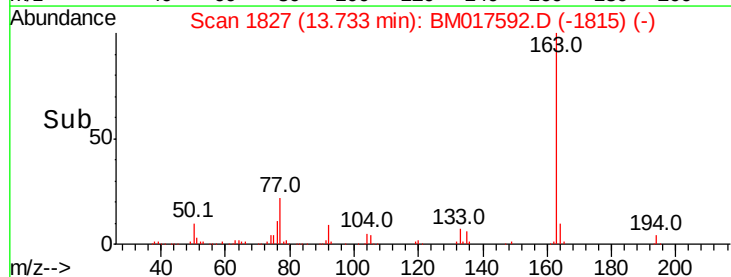
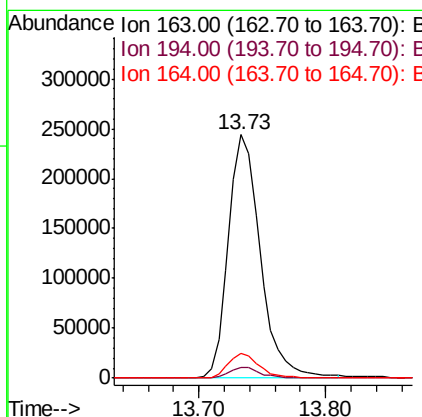
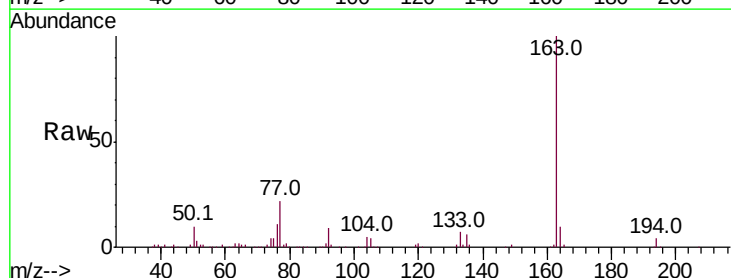
Instrument :
BNA_M
ClientSampleId :
EP2-SB-105(8-12)

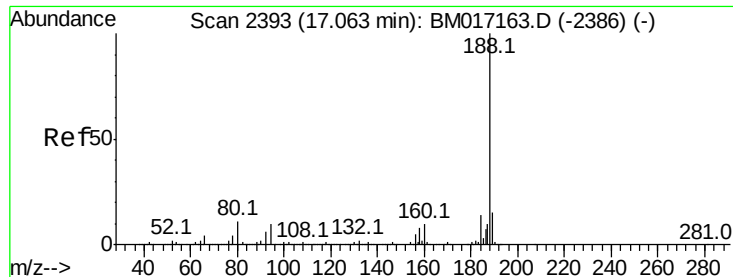
Tot Ion:172 Resp: 3491617
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.5 18.3 27.5



#50
Dimethylphthalate
Concen: 10.454 ng
RT: 13.73 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BM017592.D
Acq: 09 Nov 2018 15:35

Tgt Ion:163 Resp: 426519
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.4 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017592.D

Acq: 09 Nov 2018 15:35

Instrument :

BNA_M

ClientSampleId :

EP2-SB-105(8-12)

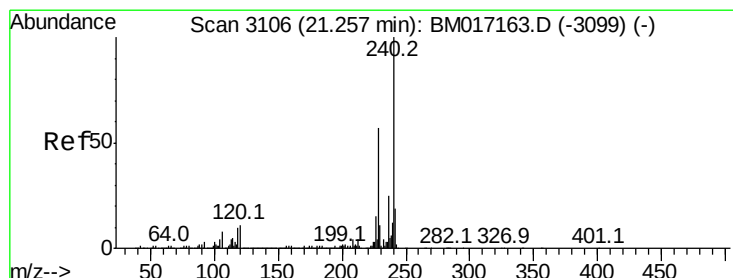
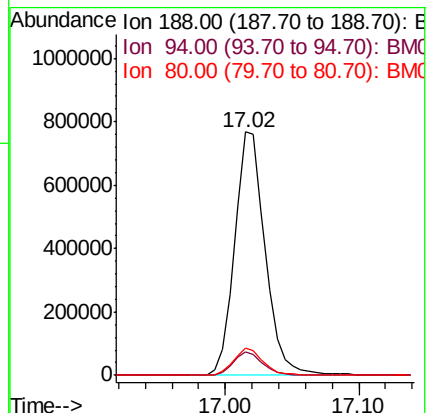
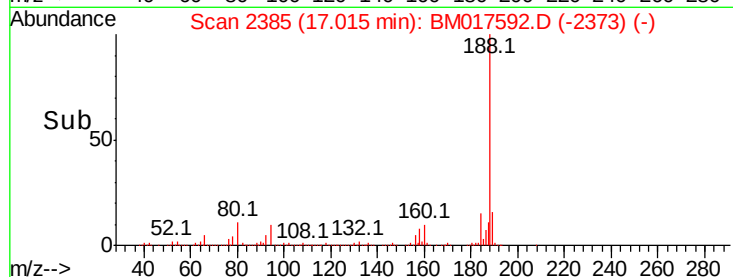
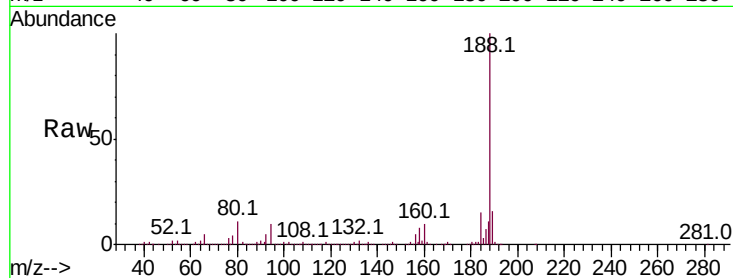
Tot Ion:188 Resp: 1215212

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 11.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017592.D

Acq: 09 Nov 2018 15:35

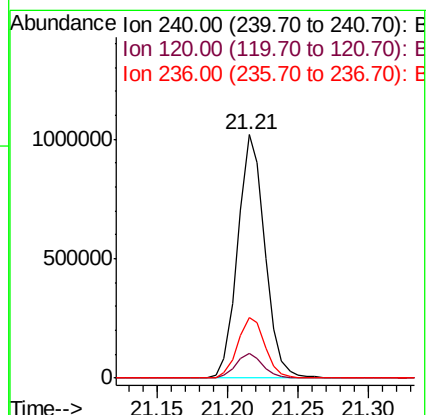
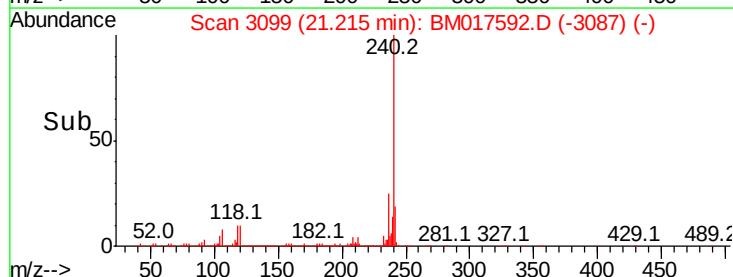
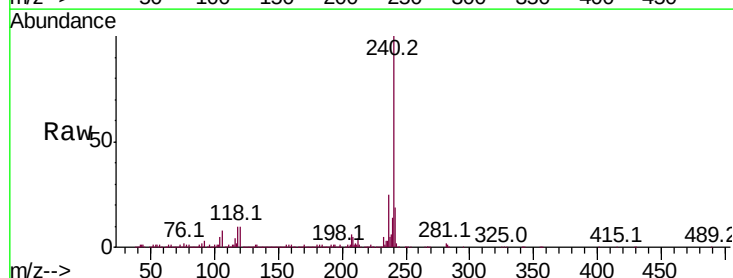
Tgt Ion:240 Resp: 1367923

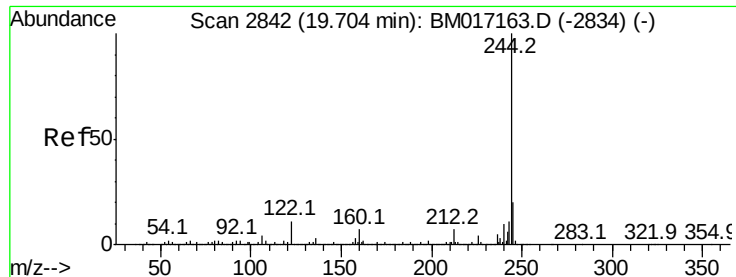
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 24.9 19.9 29.9

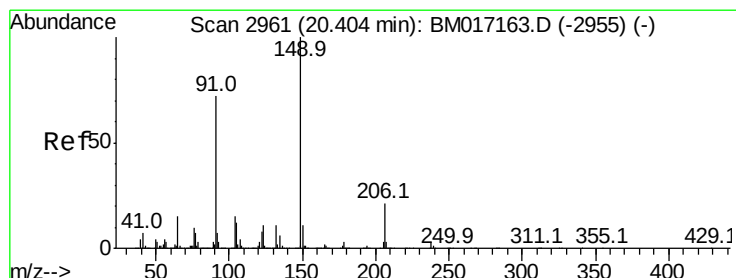
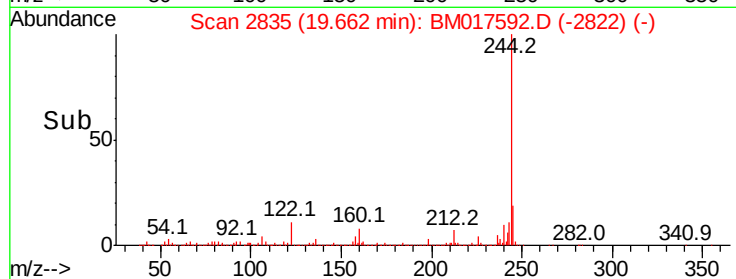
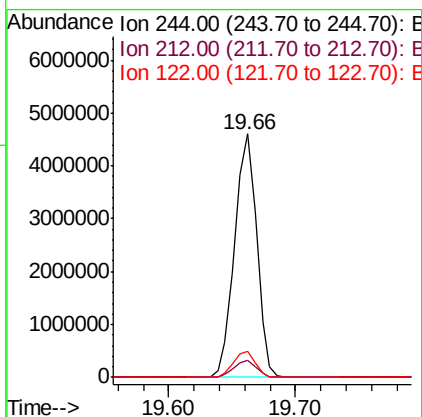
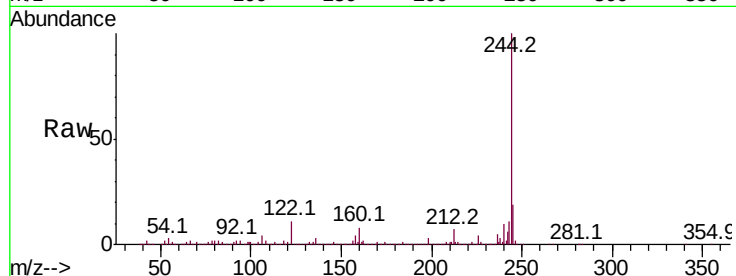




#79
 Terphenyl-d14
 Concen: 91.360 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

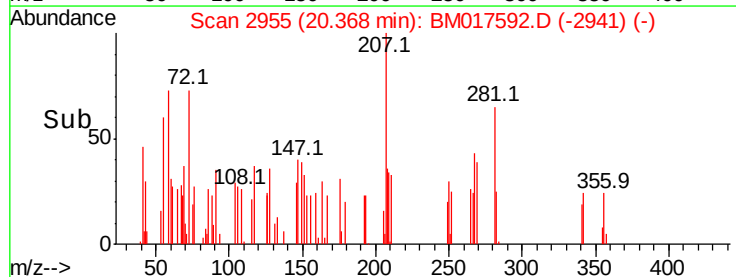
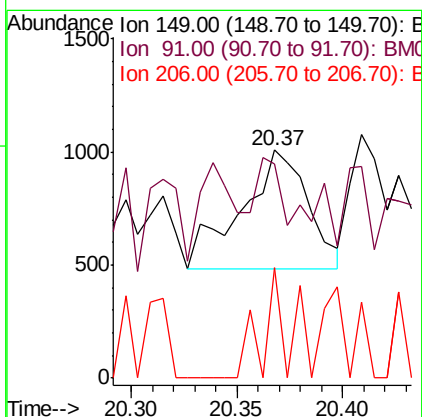
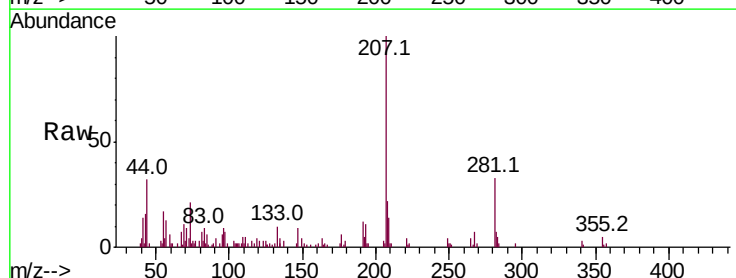
Instrument :
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 EP2-SB-105(8-12)

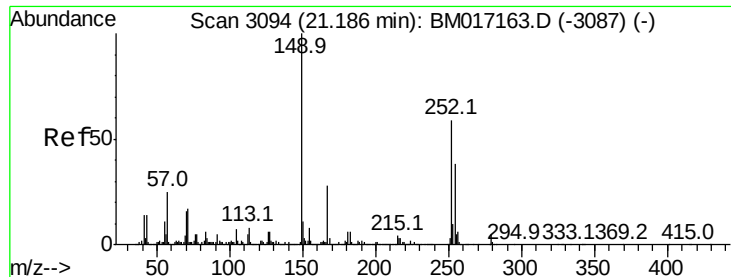
Tot Ion:244 Resp: 5544518
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.5 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 7.210 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Tgt Ion:149 Resp: 1150
 Ion Ratio Lower Upper
 149 100
 91 93.8 51.3 76.9#
 206 48.4 18.0 27.0#

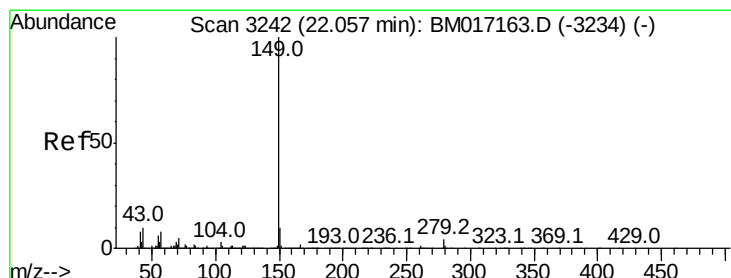
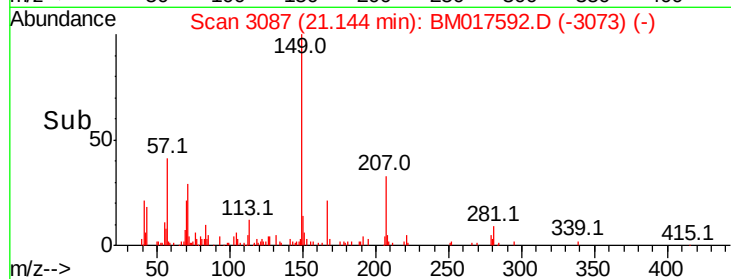
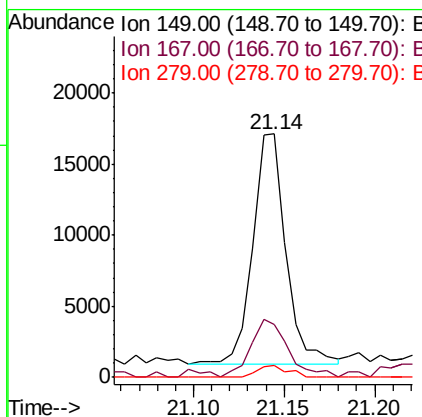
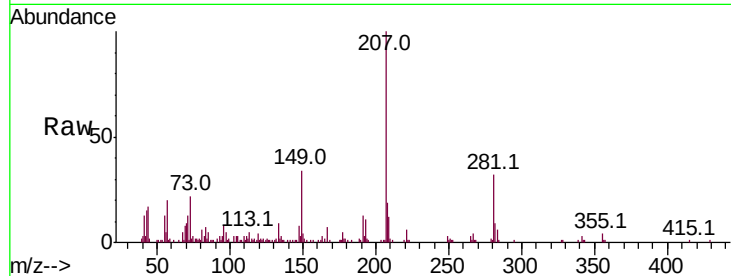




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.723 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

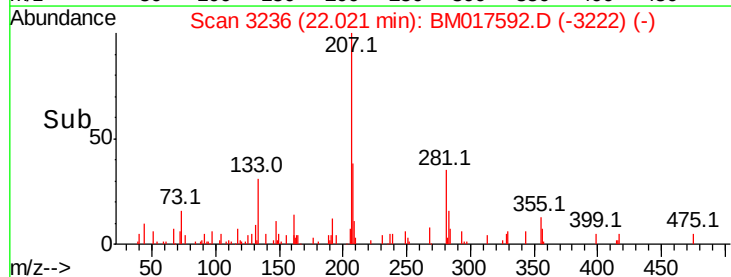
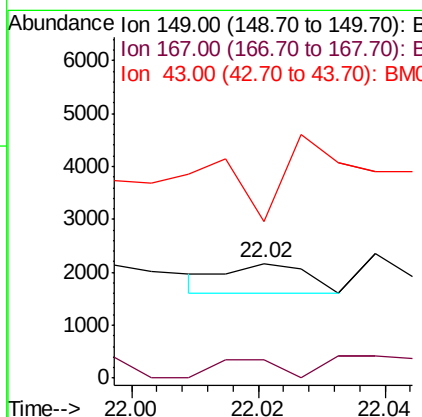
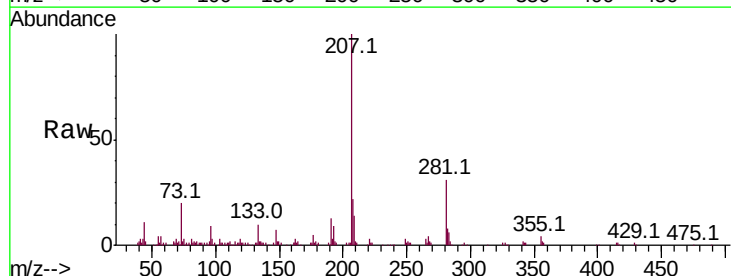
Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-105(8-12)

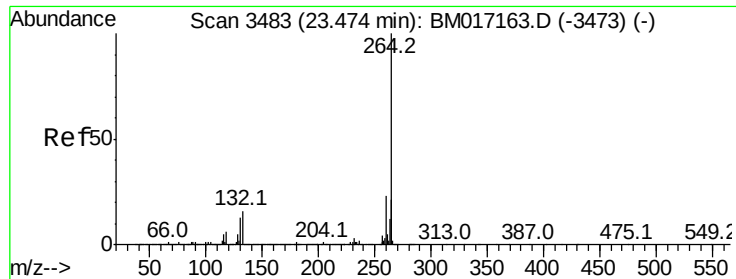
Tot Ion:149 Resp: 20751
 Ion Ratio Lower Upper
 149 100
 167 21.7 22.2 33.4#
 279 5.0 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 5.577 ng
 RT: 22.02 min Scan# 3236
 Delta R.T. -0.02 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Tgt Ion:149 Resp: 477
 Ion Ratio Lower Upper
 149 100
 167 50.9 1.4 2.0#
 43 271.5 7.2 10.8#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.41 min Scan# 3473
 Delta R.T. -0.04 min
 Lab File: BM017592.D
 Acq: 09 Nov 2018 15:35

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-105(8-12)

Tot Ion:264 Resp: 1355706

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.5	17.8	26.8

