

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017594.D
 Acq On : 09 Nov 2018 16:48
 Operator : MJ/SJ
 Sample : J5860-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-111(14-16)

Quant Time: Nov 12 00:31:51 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

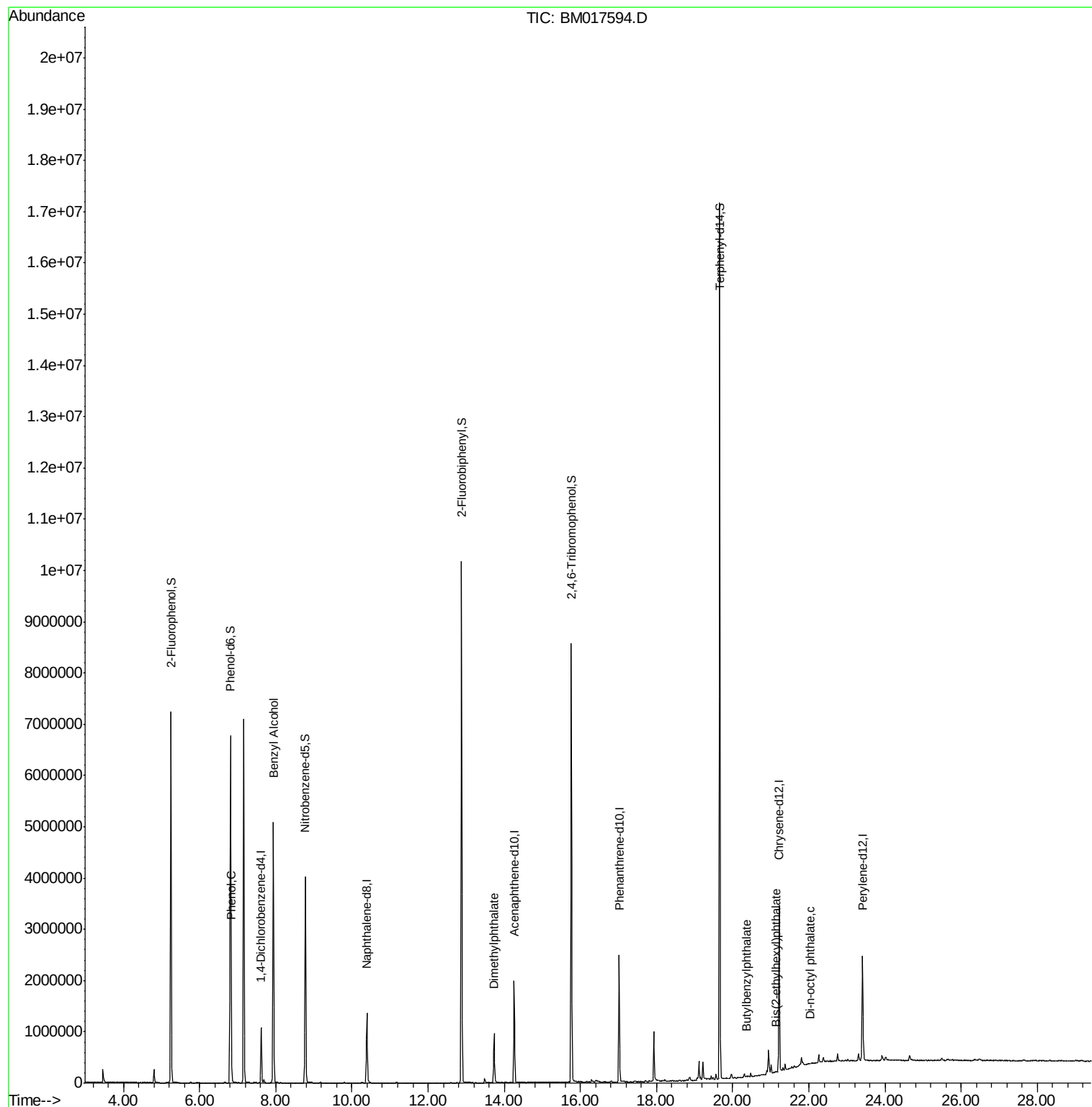
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	276713	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	1115643	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	637480	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1431617	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1561314	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1430535	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2720319	166.27	ng	-0.02
7) Phenol-d6	6.82	99	3743649	168.01	ng	-0.02
23) Nitrobenzene-d5	8.77	82	2308032	120.99	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1511232	175.30	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	5144053	107.37	ng	-0.02
79) Terphenyl-d14	19.66	244	7539074	108.84	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	202353	8.438	ng	87
15) Benzyl Alcohol	7.93	79	33887	2.081	ng	# 46
50) Dimethylphthalate	13.73	163	669317	13.609	ng	100
80) Butylbenzylphthalate	20.37	149	702	7.194	ng	# 60
84) Bis(2-ethylhexyl)phthalate	21.14	149	8108	5.450	ng	# 91
85) Di-n-octyl phthalate	22.03	149	1210	5.584	ng	# 76

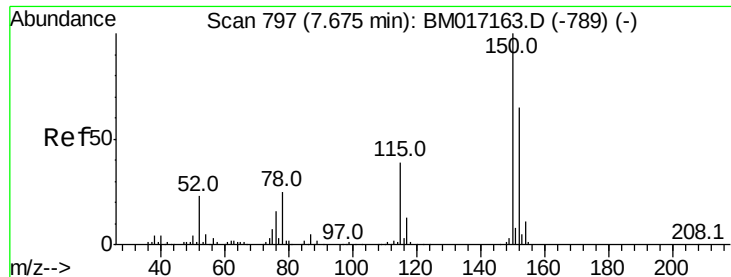
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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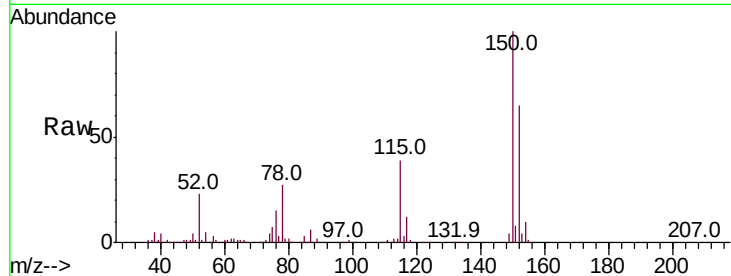


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

Instrument :
BNA_M
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.3	186.5
115	60.4	48.1	72.1

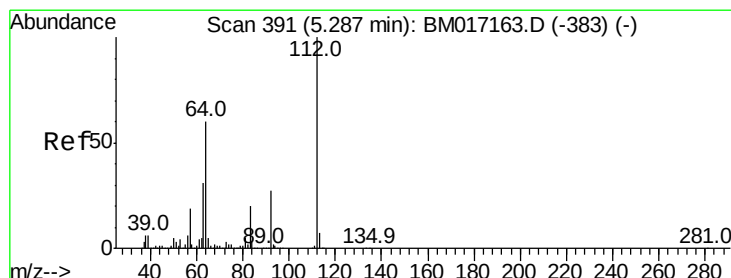
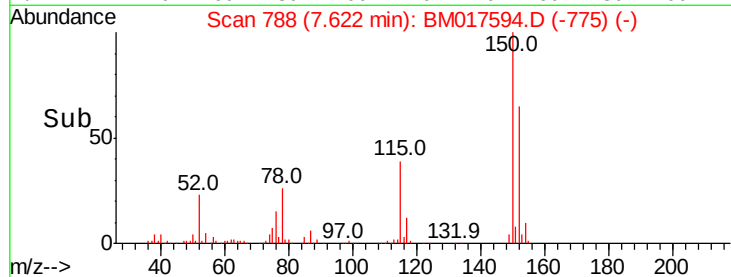
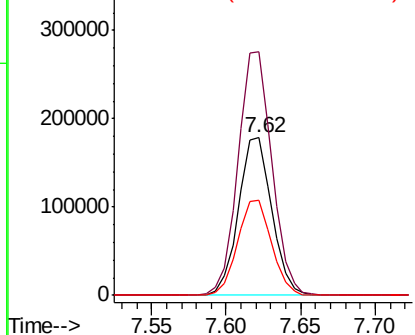


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

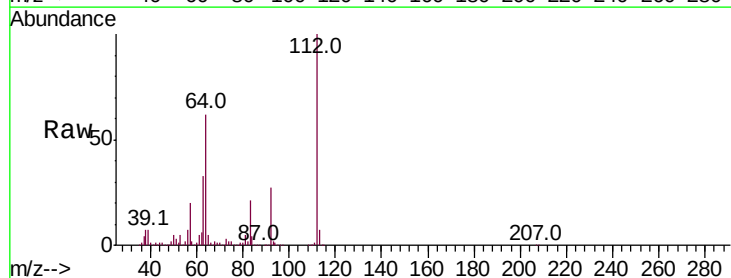
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 166.272 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	41.7	62.5
63	32.9	23.0	34.4

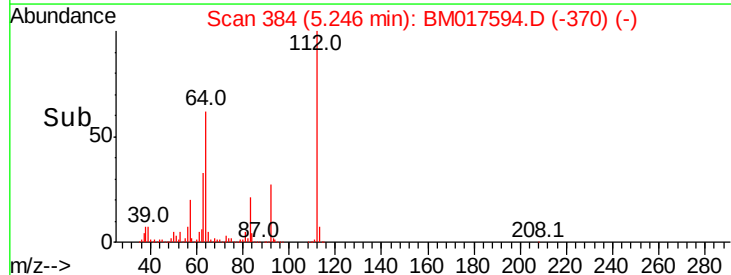
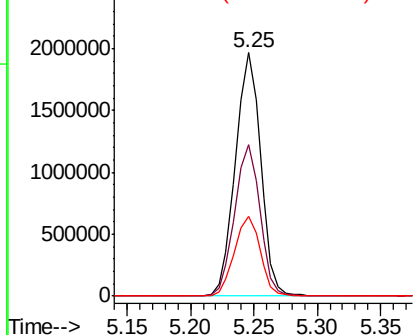


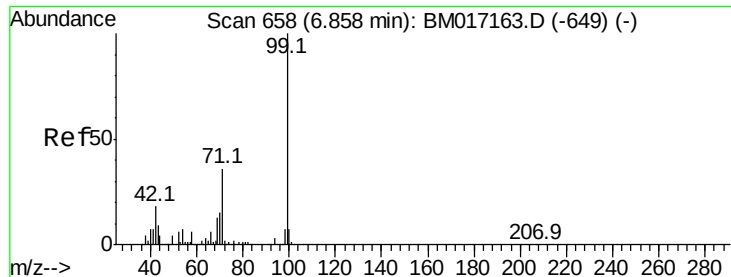
Abundance

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: 168.010 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

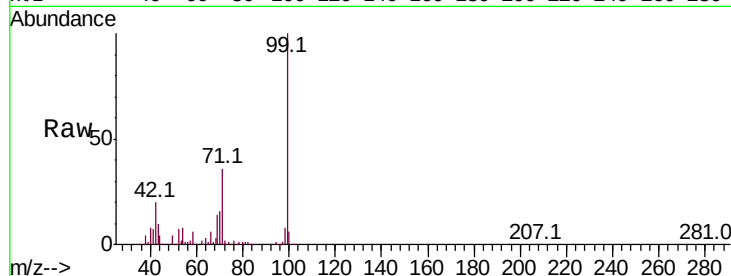
BNA_M

ClientSampleId :

EP2-SB-111(14-16)

Tot Ion: 99 Resp: 3743649

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.3	19.9#
71	36.3	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)

6.82

2500000

2000000

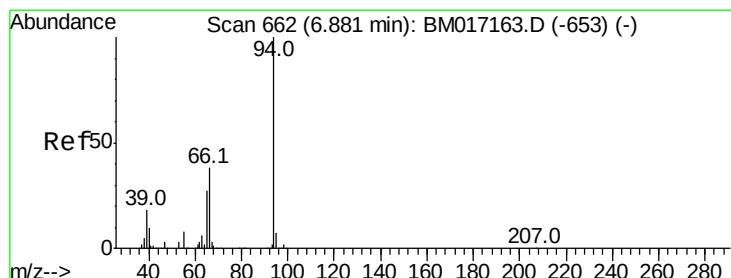
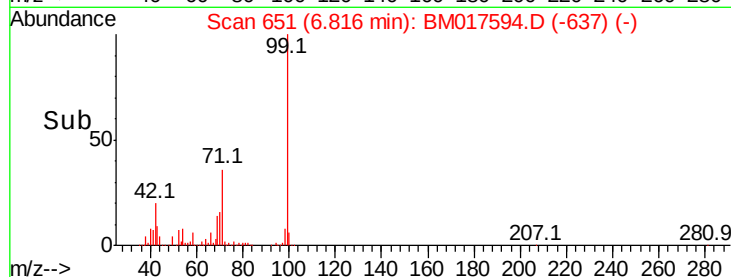
1500000

1000000

500000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#10

Phenol

Concen: 8.438 ng

RT: 6.83 min Scan# 654

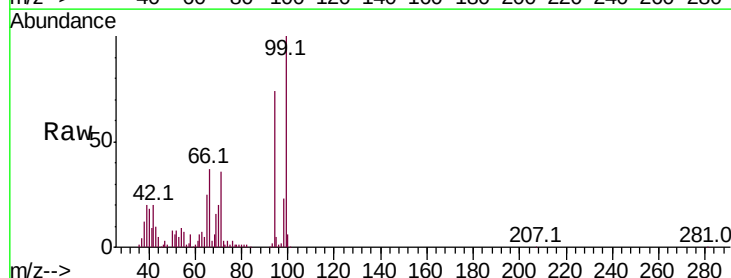
Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Tgt Ion: 94 Resp: 202353

Ion	Ratio	Lower	Upper
94	100		
65	33.6	9.4	49.4
66	49.8	19.0	59.0



Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-653) (-)

6.83

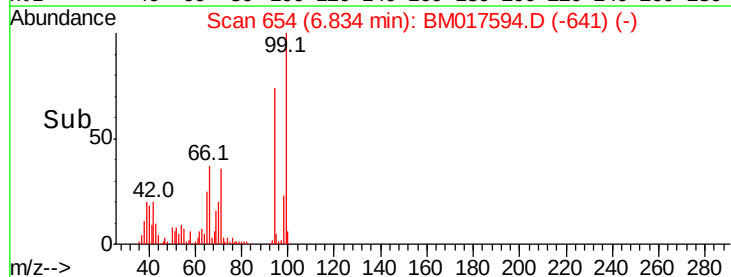
150000

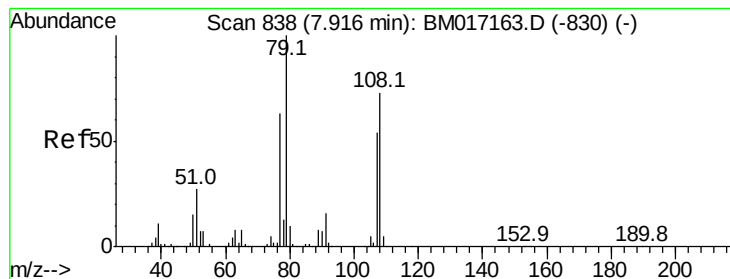
100000

50000

0

Time--> 6.75 6.80 6.85 6.90





#15

Benzyl Alcohol

Concen: 2.081 ng

RT: 7.93 min Scan# 841

Delta R.T. 0.04 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

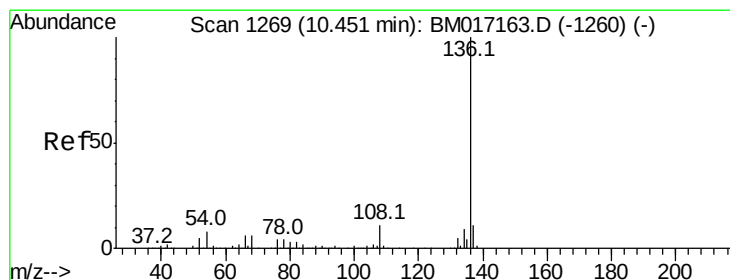
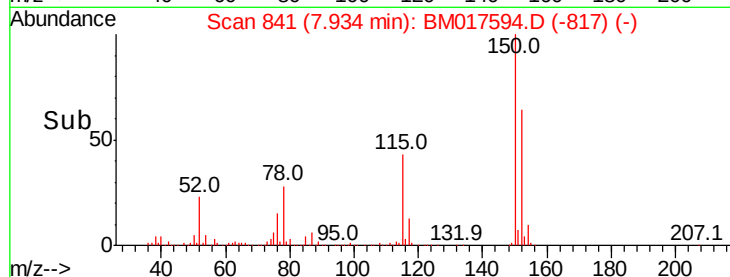
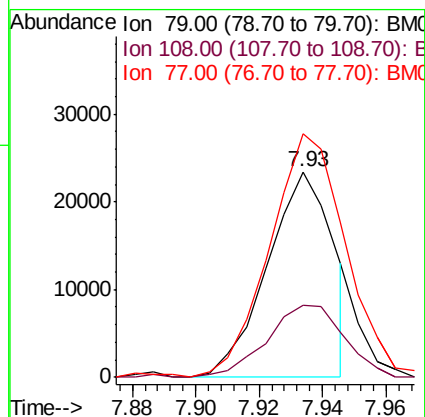
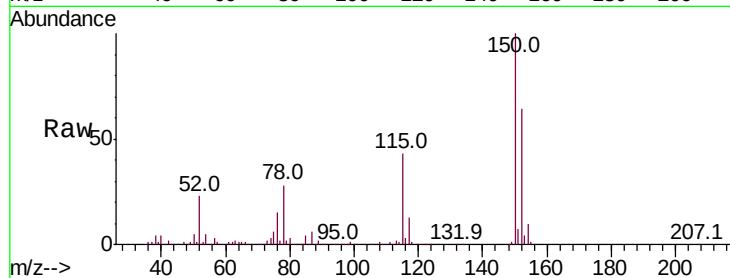
Tot Ion: 79 Resp: 33887

Ion Ratio Lower Upper

79 100

108 35.1 60.3 90.5#

77 118.6 54.8 82.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Tgt Ion: 136 Resp: 1115643

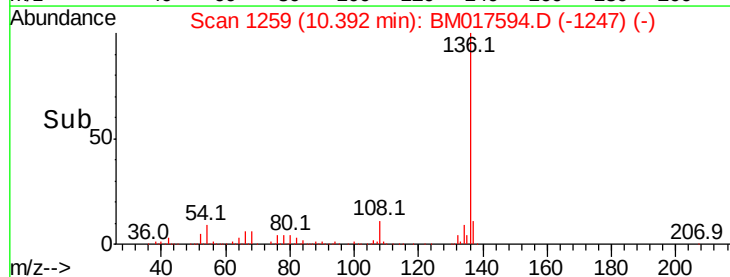
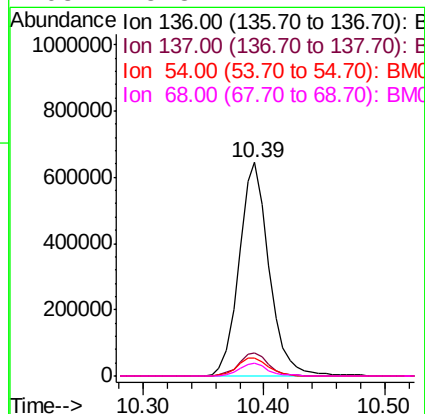
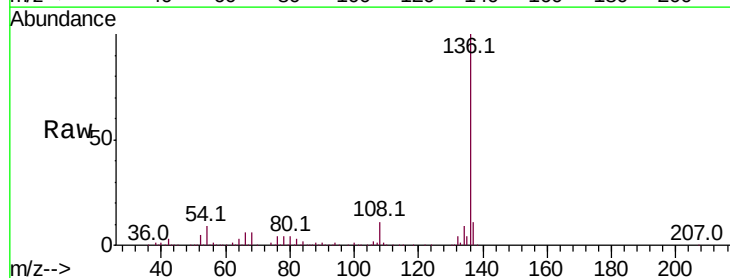
Ion Ratio Lower Upper

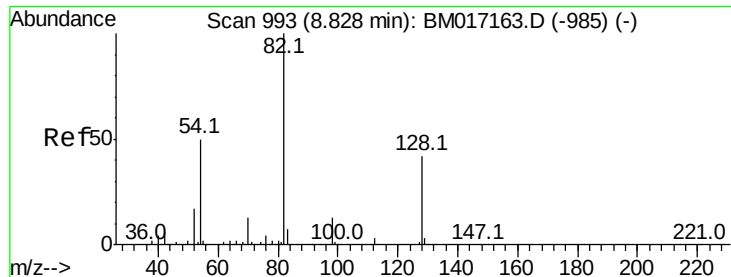
136 100

137 10.8 9.2 13.8

54 8.6 6.7 10.1

68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 120.995 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

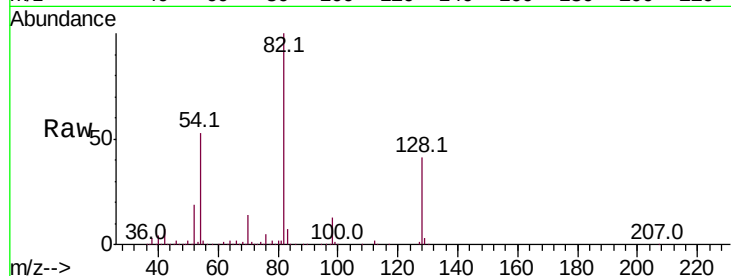
Tot Ion: 82 Resp: 2308032

Ion Ratio Lower Upper

82 100

128 41.3 37.0 55.6

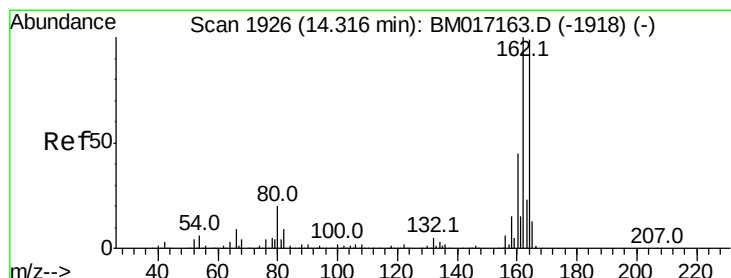
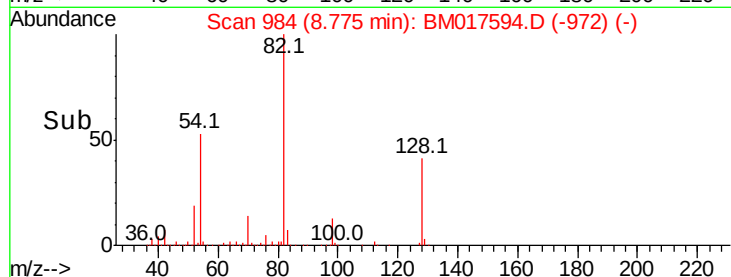
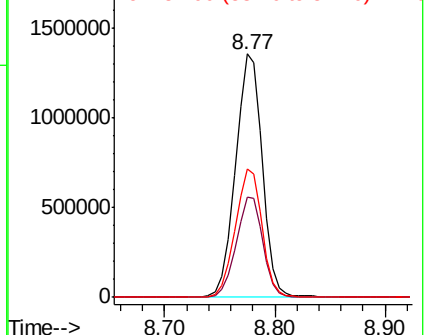
54 52.7 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

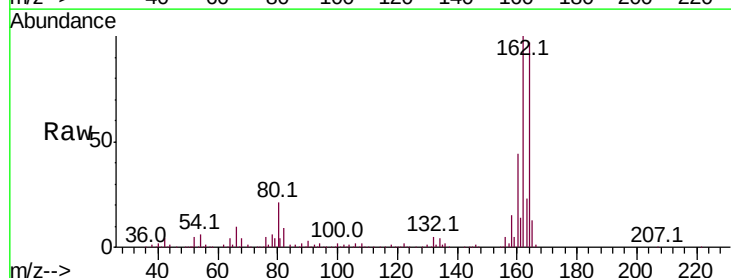
Tgt Ion:164 Resp: 637480

Ion Ratio Lower Upper

164 100

162 103.2 82.1 123.1

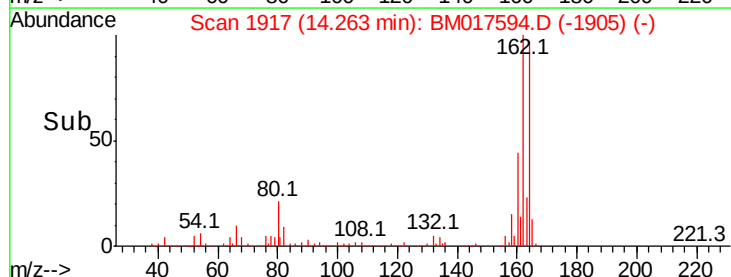
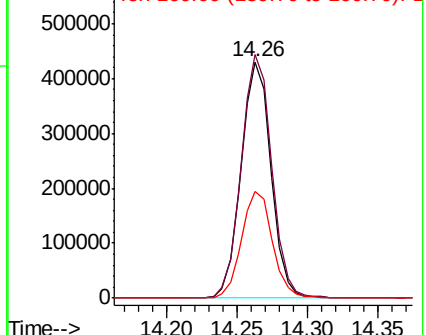
160 45.3 40.2 60.2

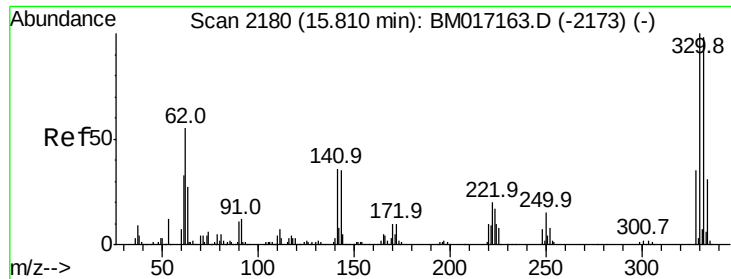


Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)

Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)

Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)

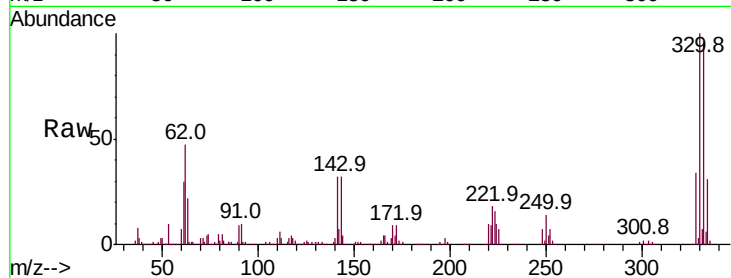




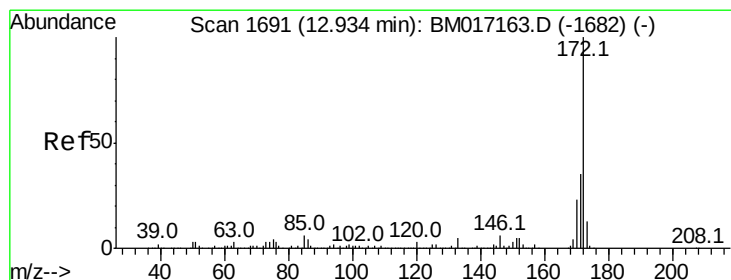
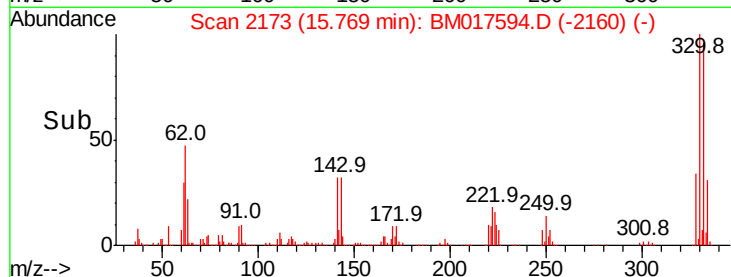
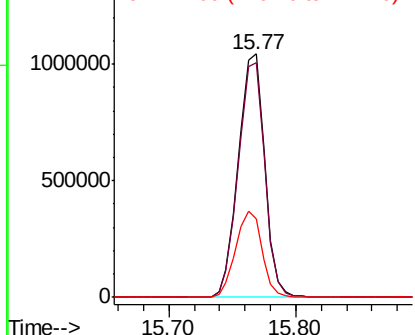
#42
 2,4,6-Tribromophenol
 Concen: 175.297 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-111(14-16)

Tot Ion:330 Resp: 1511232
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 35.3 27.4 41.0

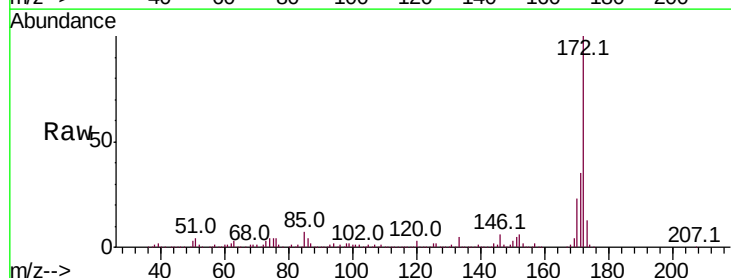


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

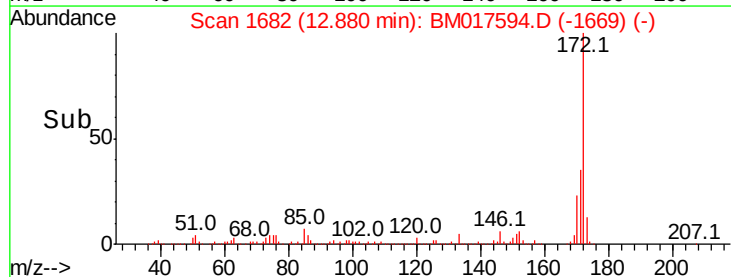
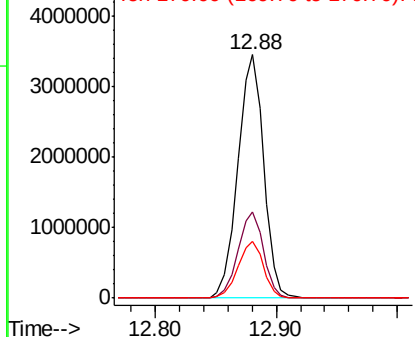


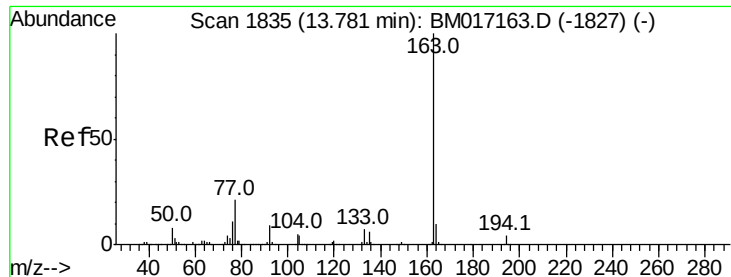
#45
 2-Fluorobiphenyl
 Concen: 107.366 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

Tgt Ion:172 Resp: 5144053
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 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





#50

Dimethylphthalate

Concen: 13.609 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

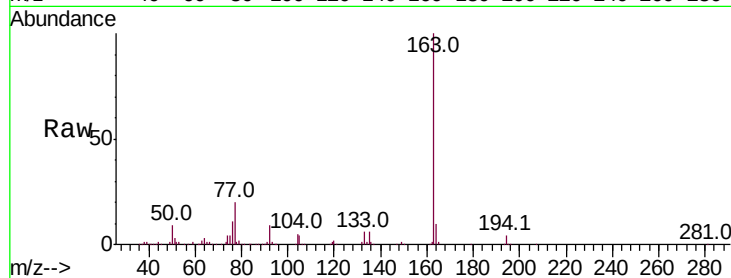
Tot Ion:163 Resp: 669317

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

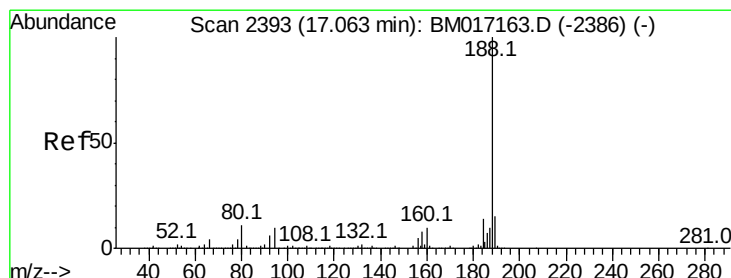
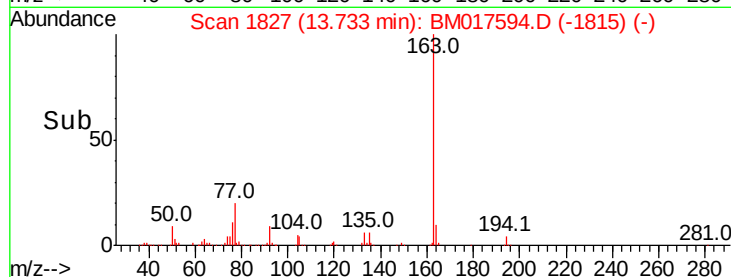
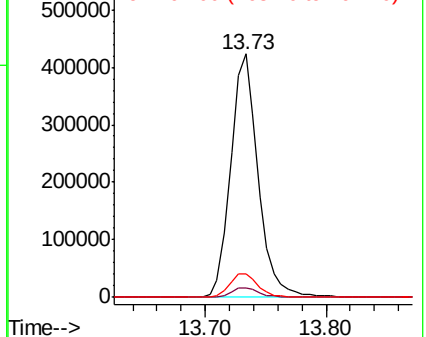
164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

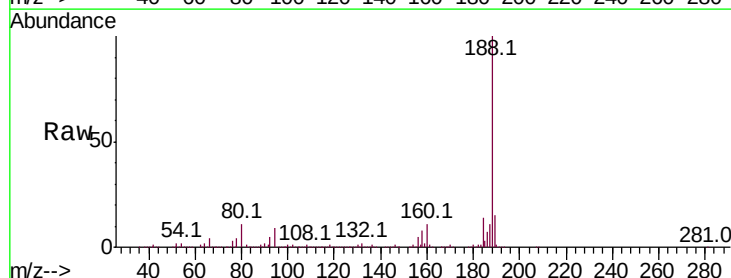
Tgt Ion:188 Resp: 1431617

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

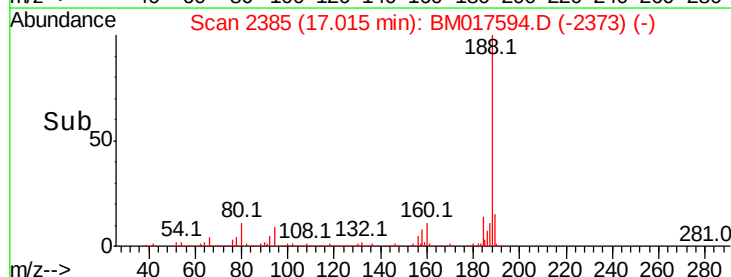
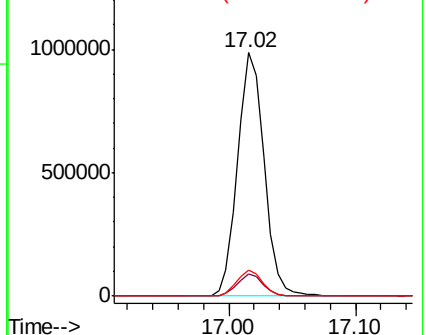
80 10.8 7.7 11.5

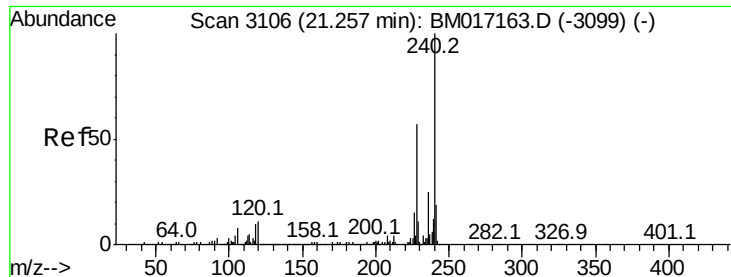


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

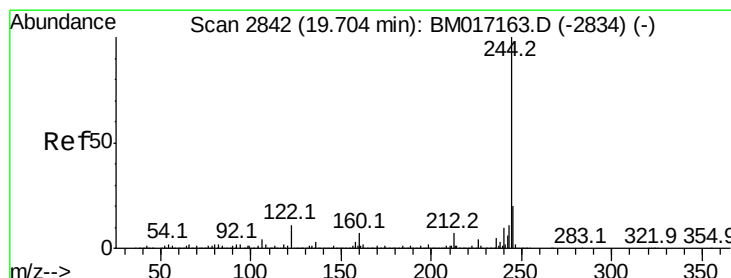
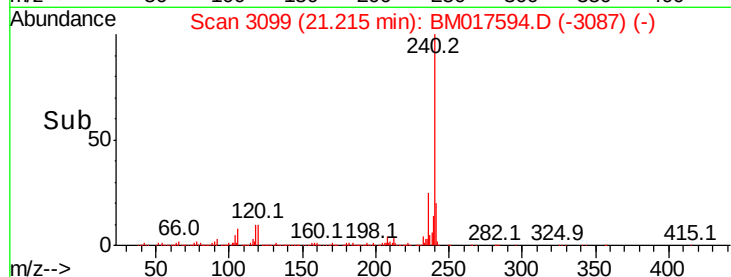
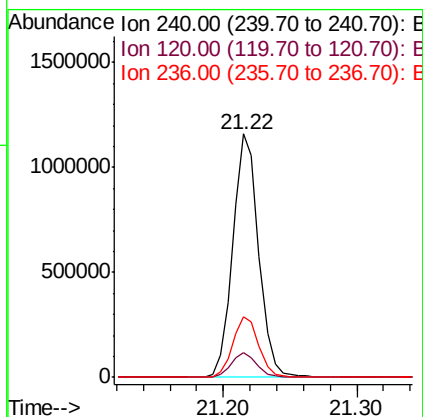
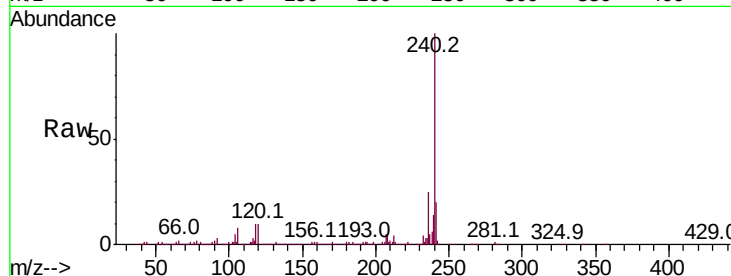




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

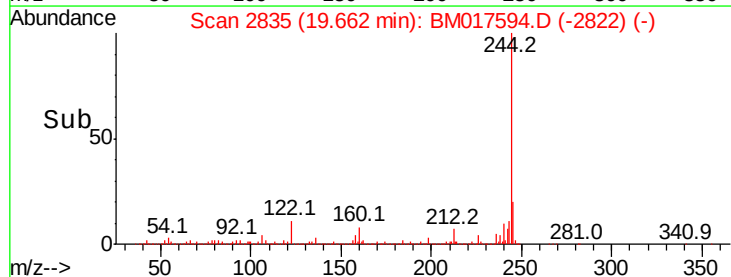
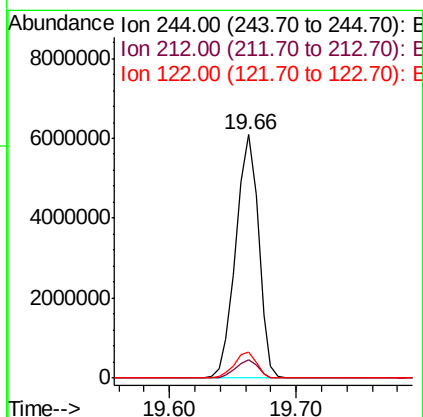
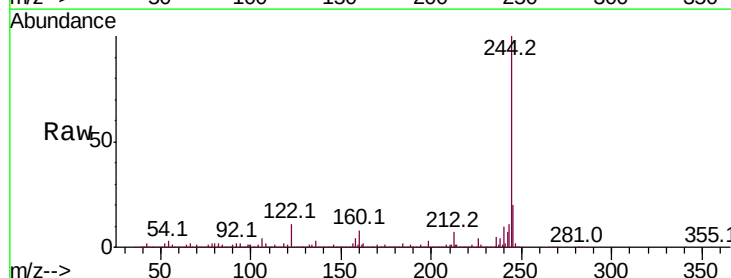
Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-111(14-16)

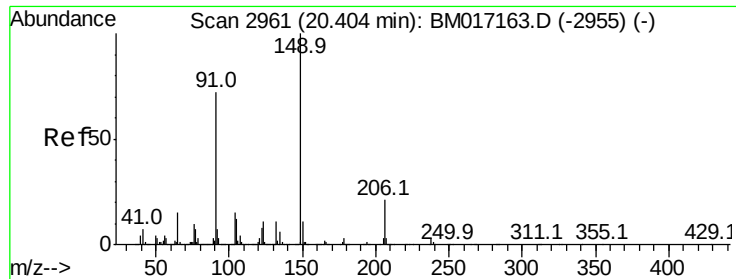
Tot Ion:240 Resp: 1561314
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 25.0 19.9 29.9



#79
 Terphenyl-d14
 Concen: 108.838 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

Tgt Ion:244 Resp: 7539074
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.7 8.4 12.6

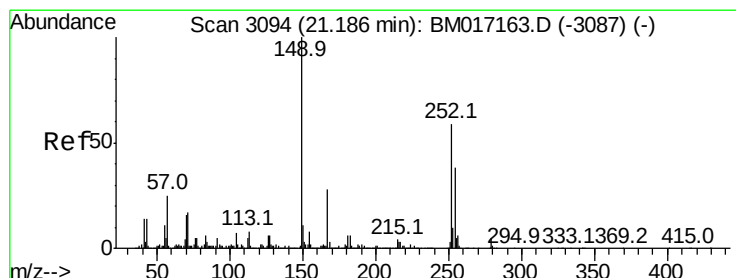
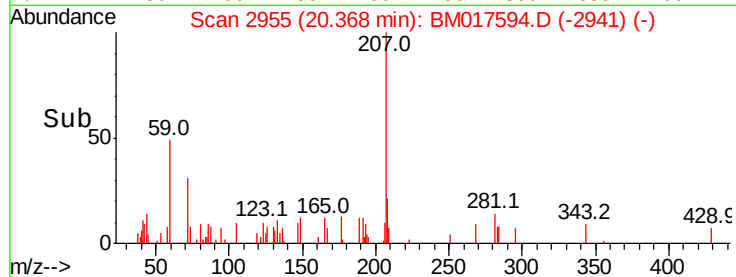
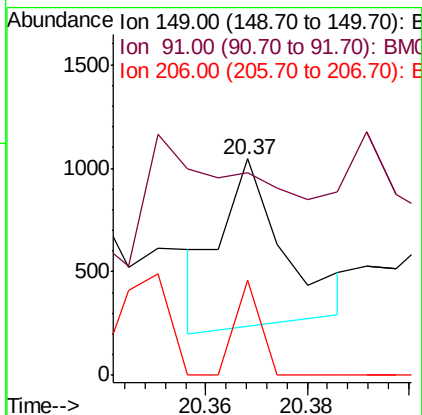
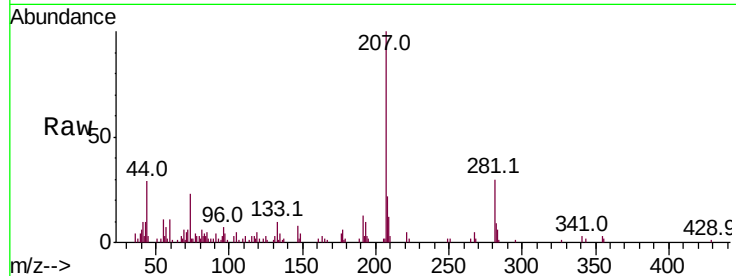




#80
Butylbenzylphthalate
Concen: 7.194 ng
RT: 20.37 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

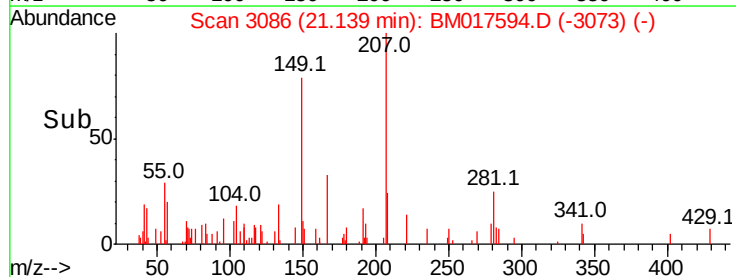
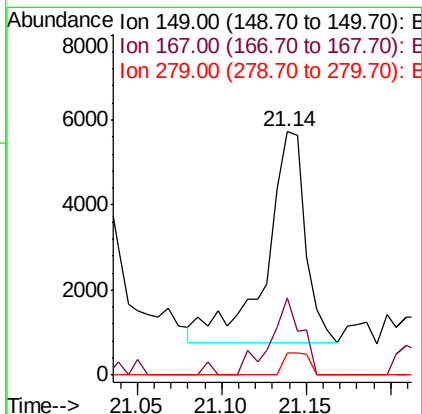
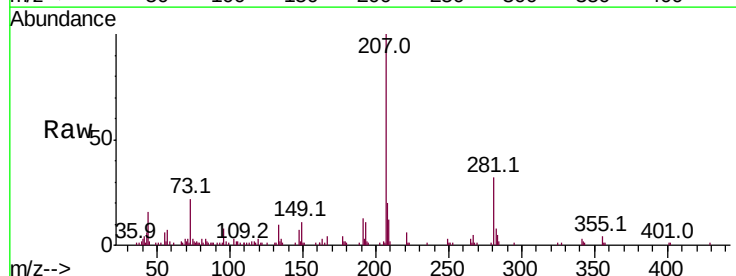
Instrument :
BNA_M
ClientSampleId :
EP2-SB-111(14-16)

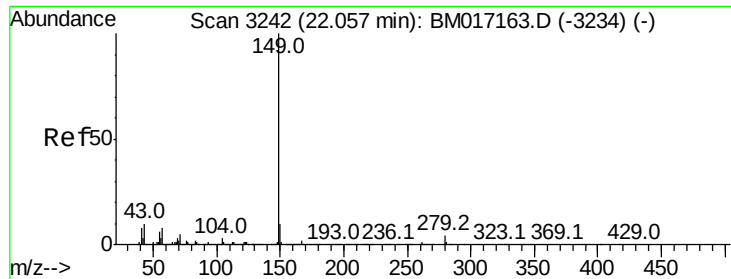
Tot Ion:149 Resp: 702
Ion Ratio Lower Upper
149 100
91 94.0 51.3 76.9#
206 44.2 18.0 27.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.450 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

Tgt Ion:149 Resp: 8108
Ion Ratio Lower Upper
149 100
167 31.9 22.2 33.4
279 9.2 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.584 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

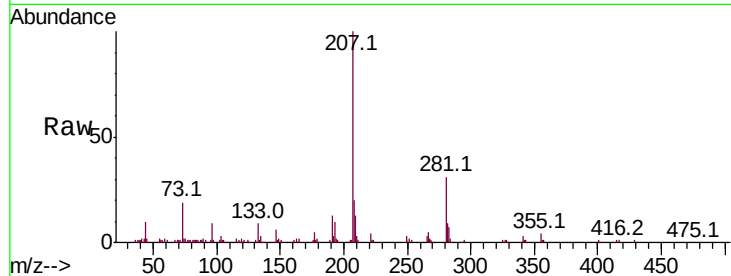
Tot Ion:149 Resp: 1210

Ion Ratio Lower Upper

149 100

167 9.4 1.4 2.0#

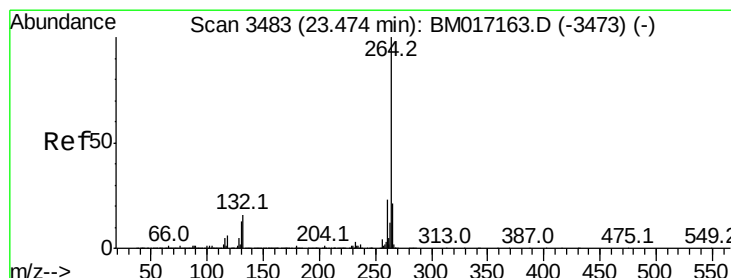
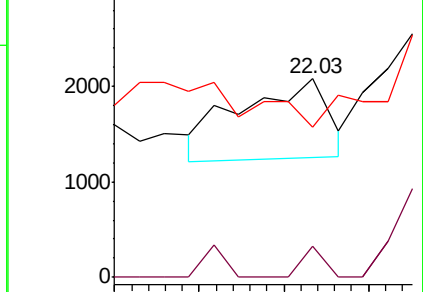
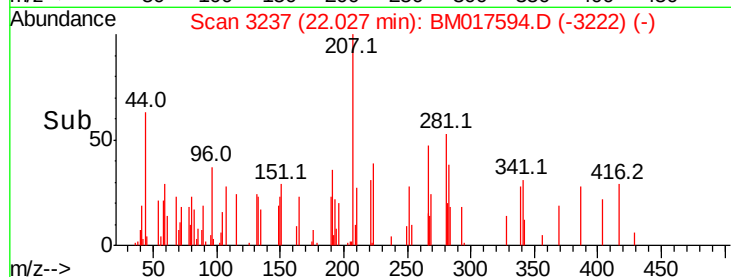
43 0.0 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.04 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

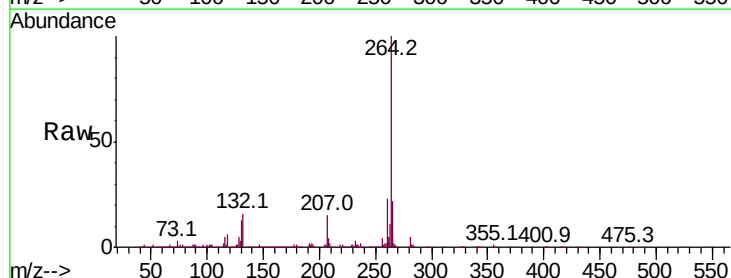
Tgt Ion:264 Resp: 1430535

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.9 17.8 26.8



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

