

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017596.D
 Acq On : 09 Nov 2018 18:00
 Operator : MJ/SJ
 Sample : PB114669BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BL

Quant Time: Nov 12 00:32:27 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

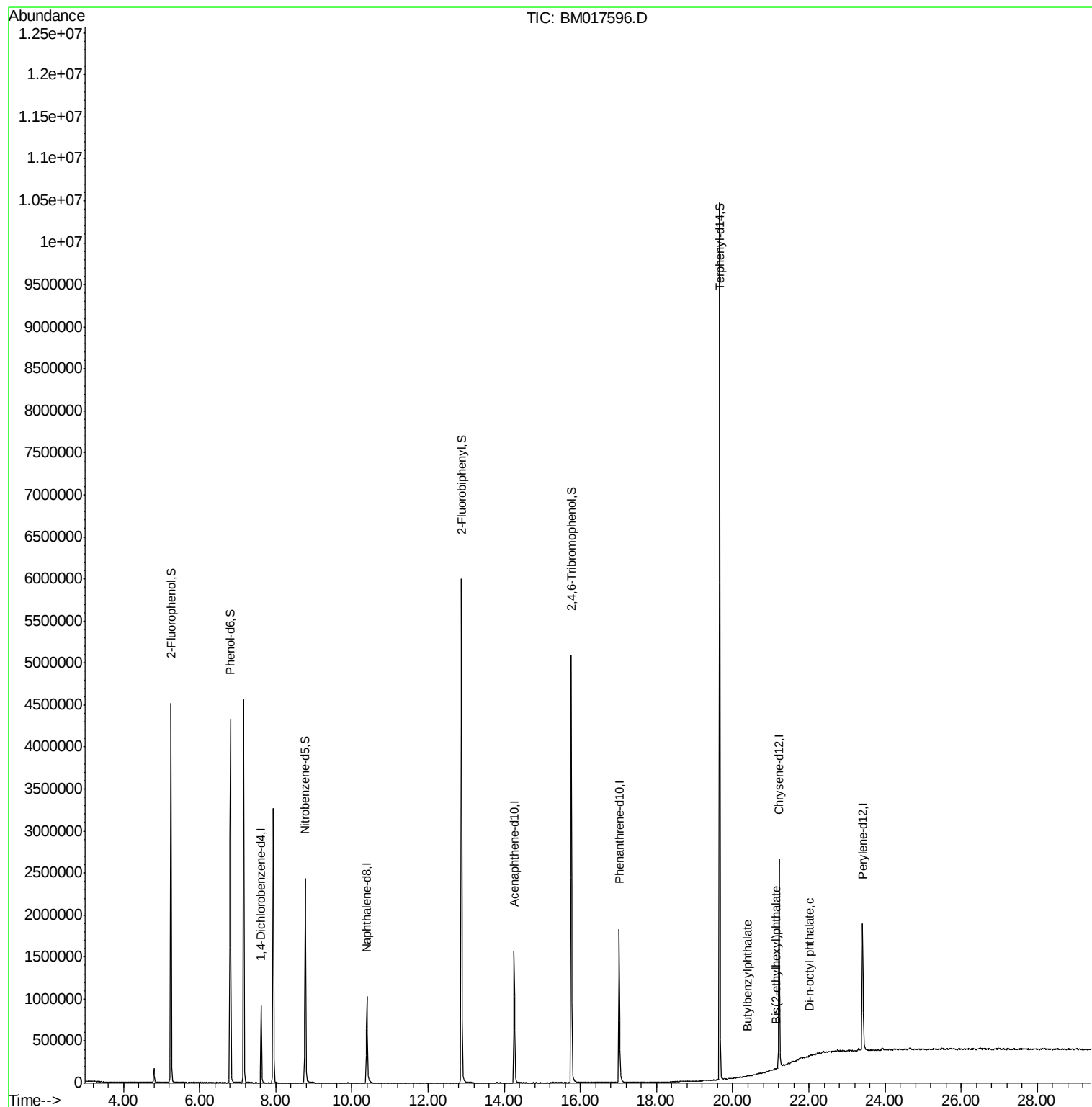
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	242686	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	931332	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	541016	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1248144	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1283592	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1142133	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1741368	121.36	ng	-0.02
7) Phenol-d6	6.81	99	2302875	117.84	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1398300	87.81	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	918795	125.58	ng	-0.03
45) 2-Fluorobiphenyl	12.88	172	3248591	79.89	ng	-0.02
79) Terphenyl-d14	19.66	244	4951208	86.94	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.37	149	1096	7.210	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.14	149	854	5.326	ng	# 52
85) Di-n-octyl phthalate	22.01	149	834	5.582	ng	# 1

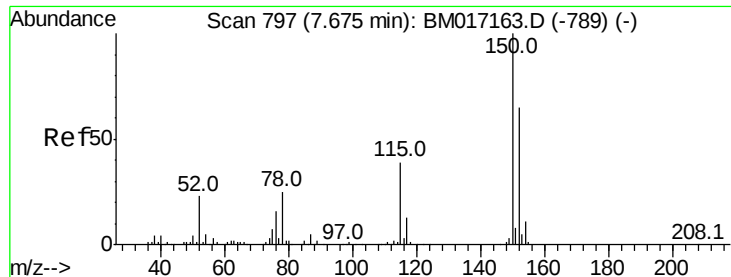
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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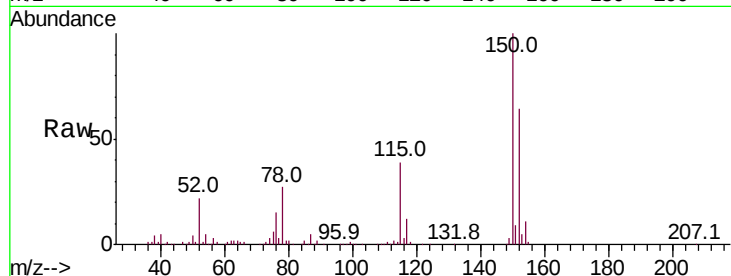


#1

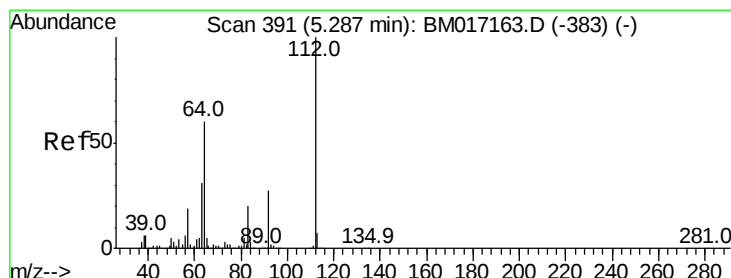
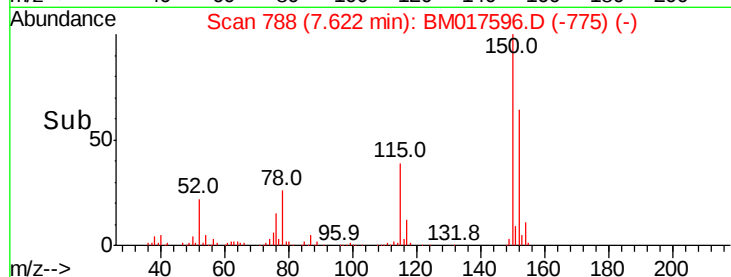
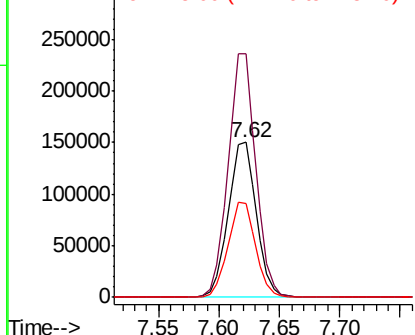
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017596.D
Acq: 09 Nov 2018 18:00

Instrument :
BNA_M
ClientSampleId :
PB114669BL

Tot Ion:152 Resp: 242686
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 60.8 48.1 72.1



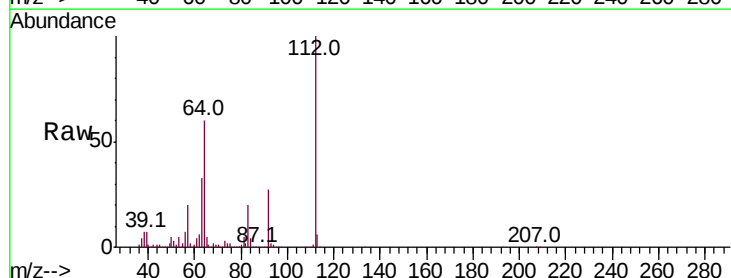
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



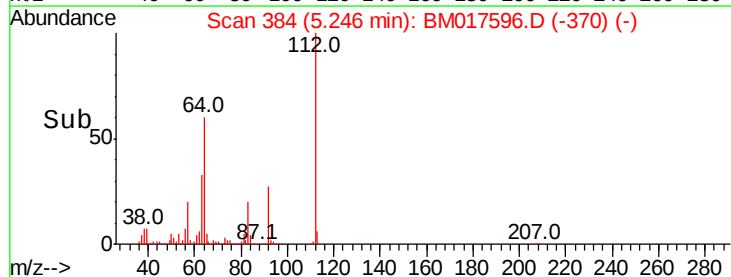
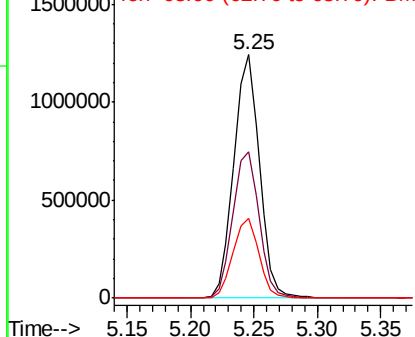
#5

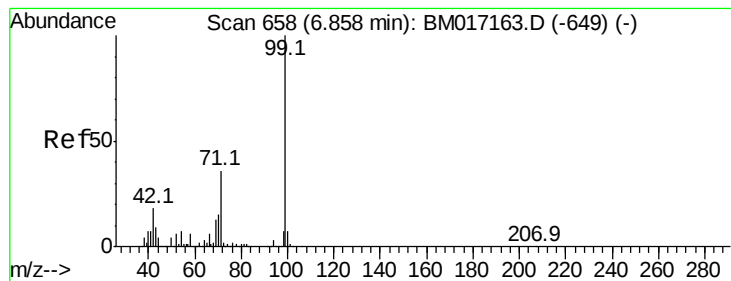
2-Fluorophenol
Concen: 121.360 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017596.D
Acq: 09 Nov 2018 18:00

Tgt Ion:112 Resp: 1741368
Ion Ratio Lower Upper
112 100
64 60.1 41.7 62.5
63 32.7 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: 117.841 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

Instrument :

BNA_M

ClientSampleId :

PB114669BL

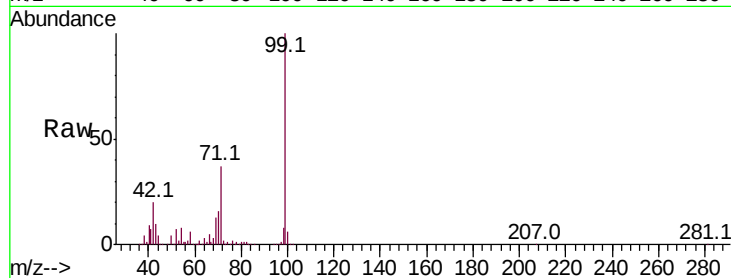
Tot Ion: 99 Resp: 2302875

Ion Ratio Lower Upper

99 100

42 19.9 13.3 19.9

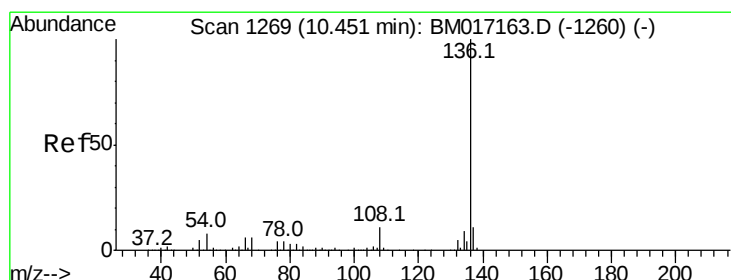
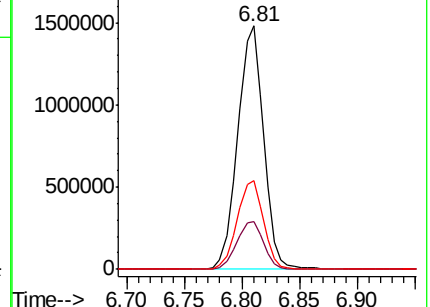
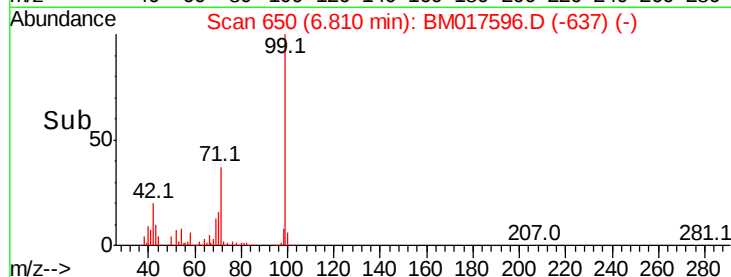
71 36.7 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

Tgt Ion: 136 Resp: 931332

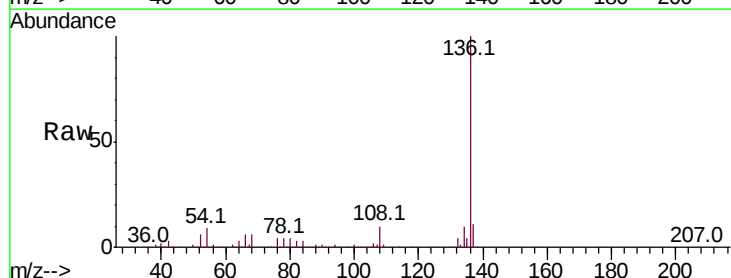
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.7 6.7 10.1

68 6.2 4.7 7.1

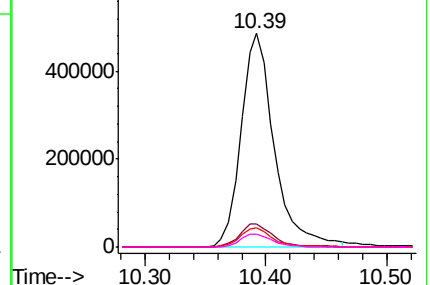
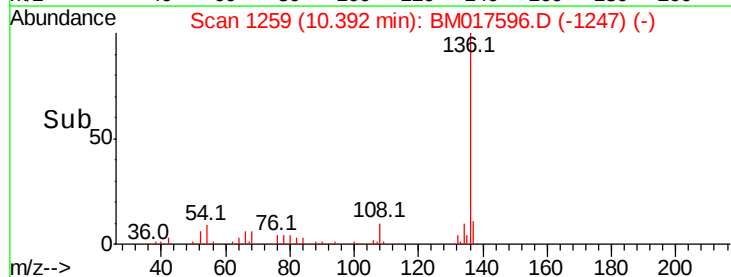


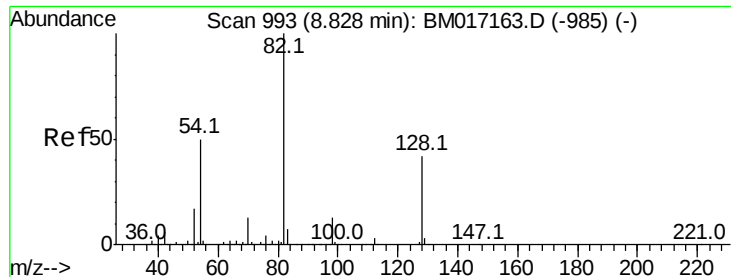
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)



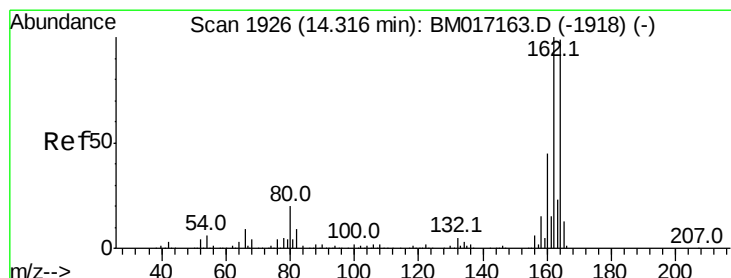
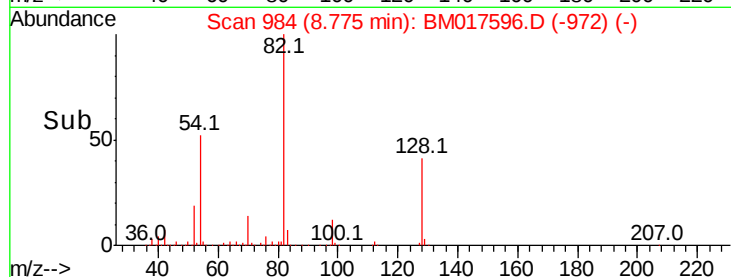
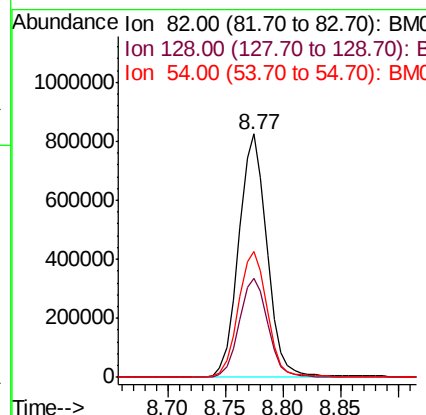
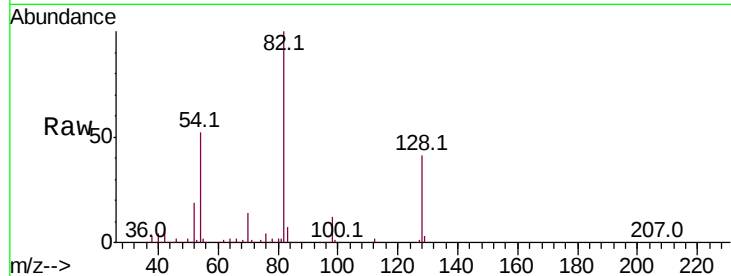


#23
 Nitrobenzene-d5
 Concen: 87.810 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017596.D
 Acq: 09 Nov 2018 18:00

Instrument :
 BNA_M
 ClientSampled :
 PB114669BL

Tot Ion: 82 Resp: 1398300

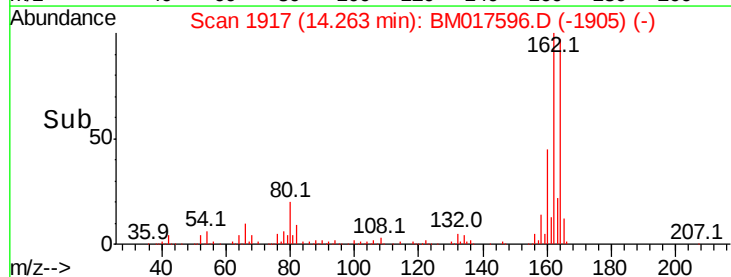
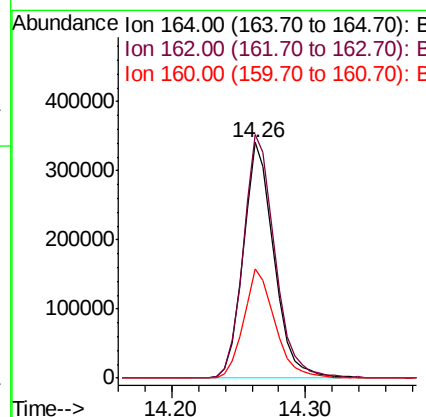
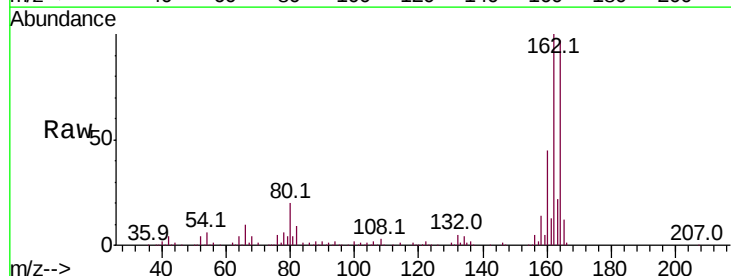
Ion	Ratio	Lower	Upper
82	100		
128	40.8	37.0	55.6
54	51.9	40.7	61.1

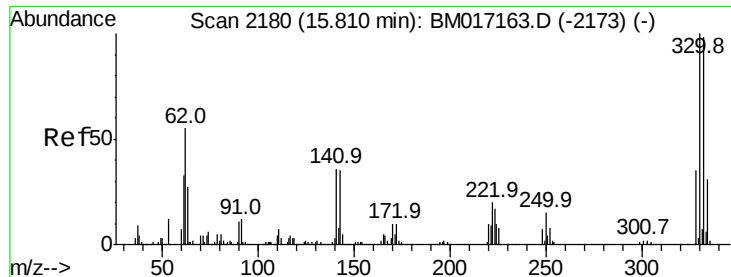


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.03 min
 Lab File: BM017596.D
 Acq: 09 Nov 2018 18:00

Tgt Ion:164 Resp: 541016

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	46.5	40.2	60.2





#42

2,4,6-Tribromophenol

Concen: 125.579 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

Instrument :

BNA_M

ClientSampleId :

PB114669BL

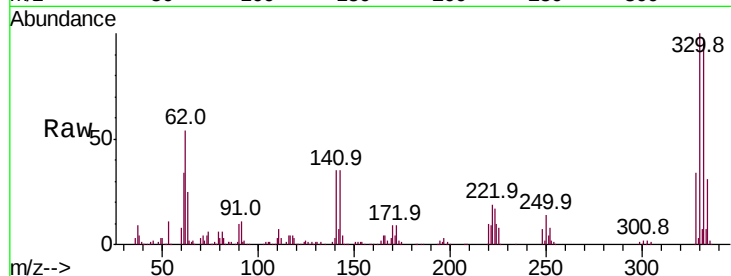
Tot Ion:330 Resp: 918795

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

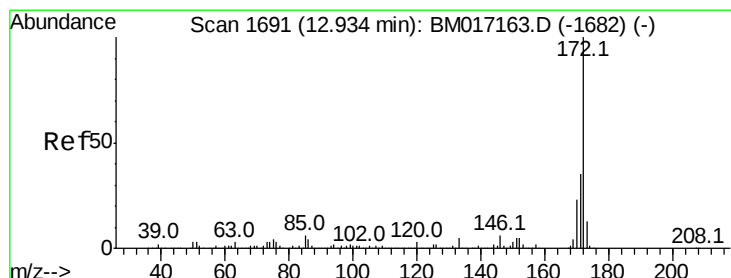
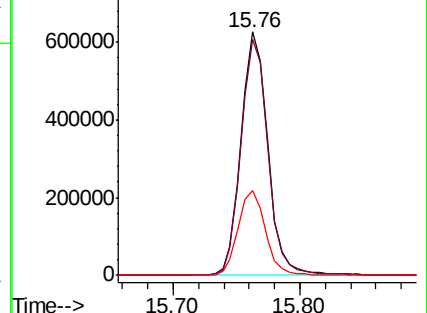
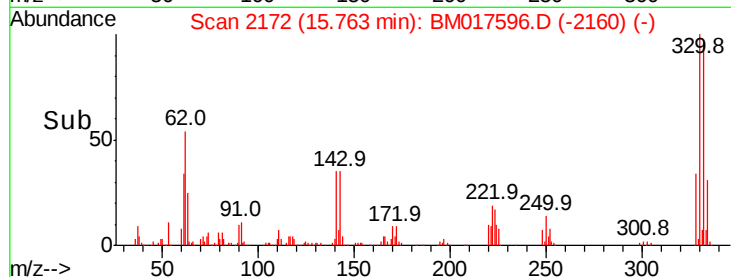
141 35.4 27.4 41.0



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: 79.894 ng

RT: 12.88 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

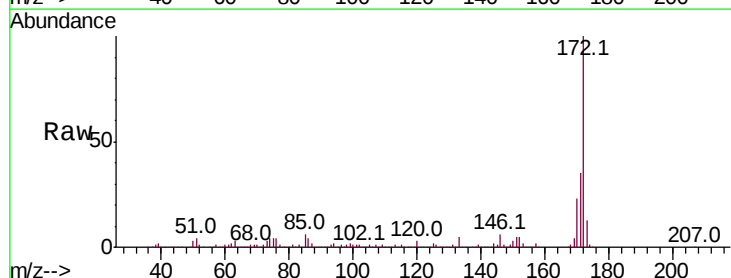
Tgt Ion:172 Resp: 3248591

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

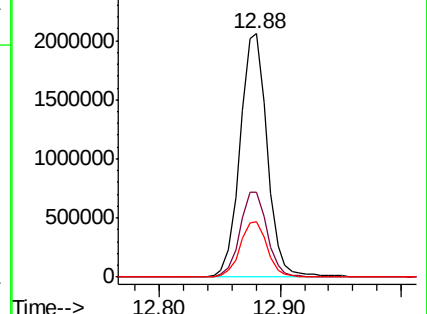
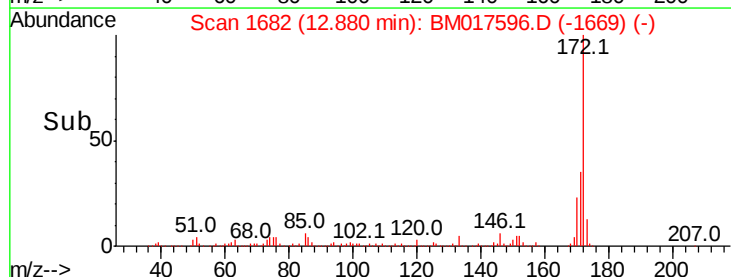
170 22.5 18.3 27.5

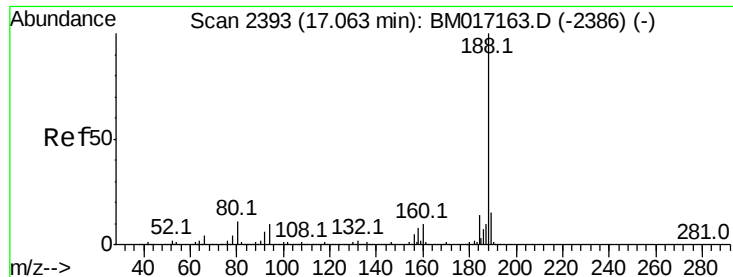


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

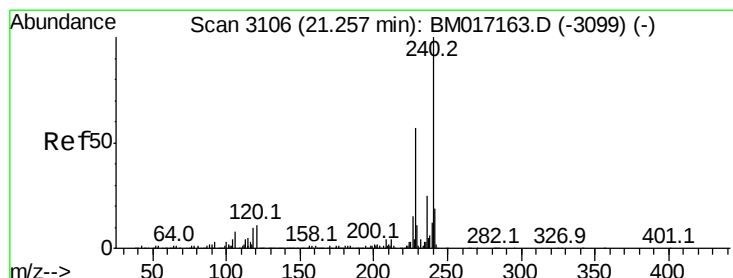
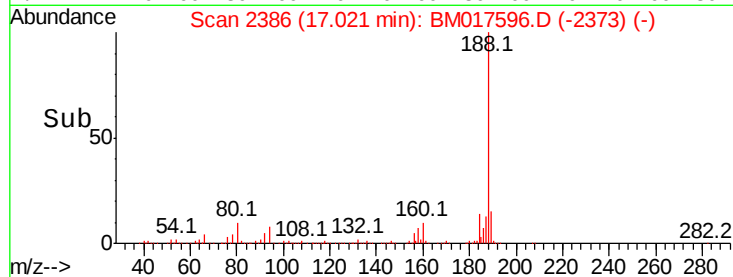
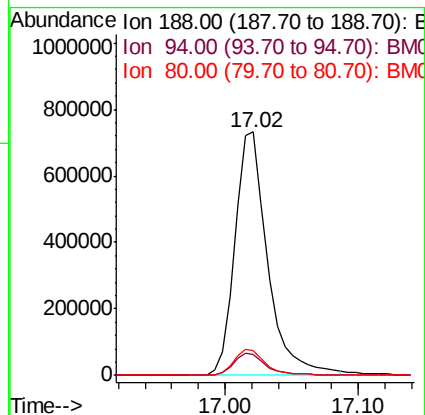
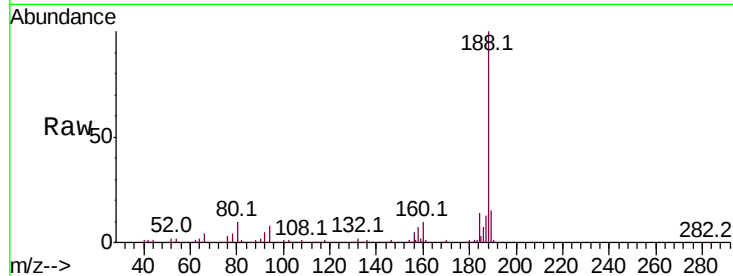




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017596.D
Acq: 09 Nov 2018 18:00

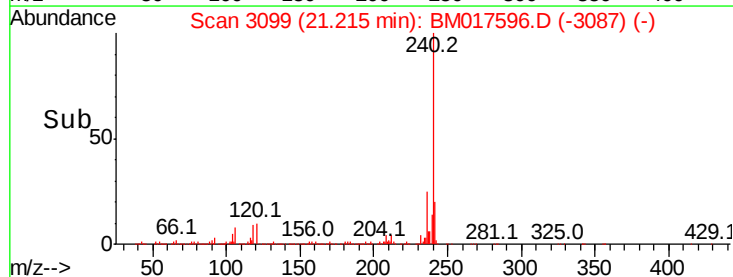
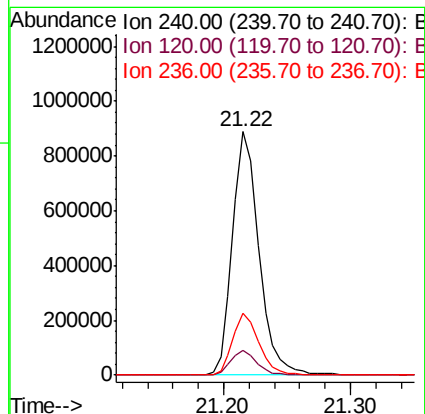
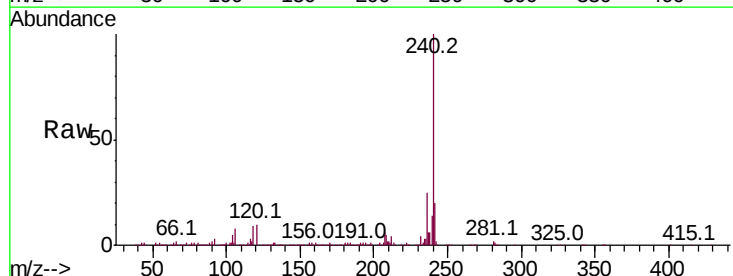
Instrument :
BNA_M
ClientSampleId :
PB114669BL

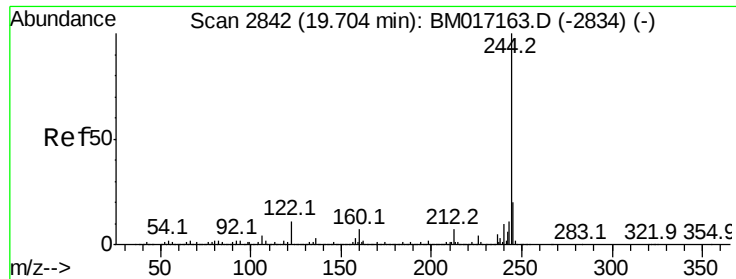
Tot Ion:188 Resp: 1248144
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BM017596.D
Acq: 09 Nov 2018 18:00

Tgt Ion:240 Resp: 1283592
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.5 19.9 29.9





#79

Terphenyl-d14

Concen: 86.944 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

Instrument :

BNA_M

ClientSampleId :

PB114669BL

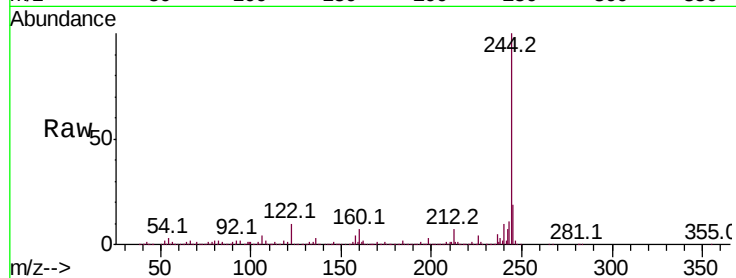
Tot Ion:244 Resp: 4951208

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

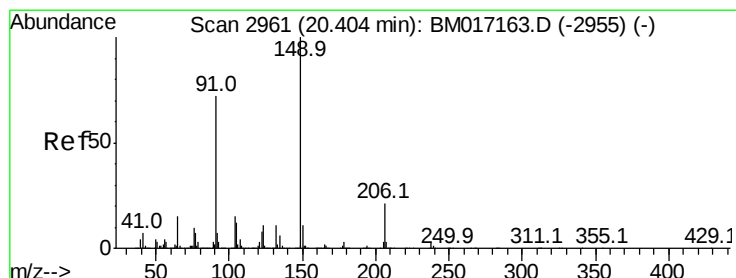
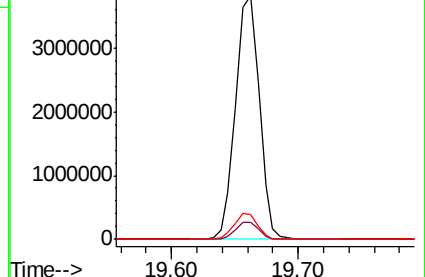
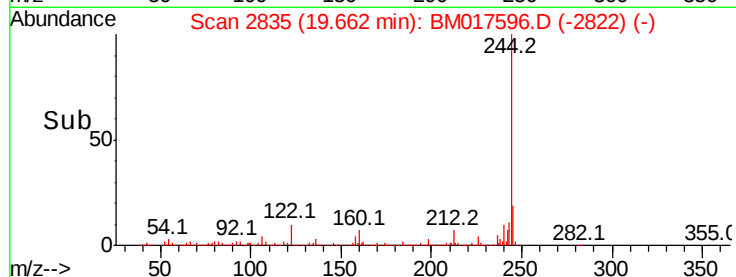
122 10.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.210 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BM017596.D

Acq: 09 Nov 2018 18:00

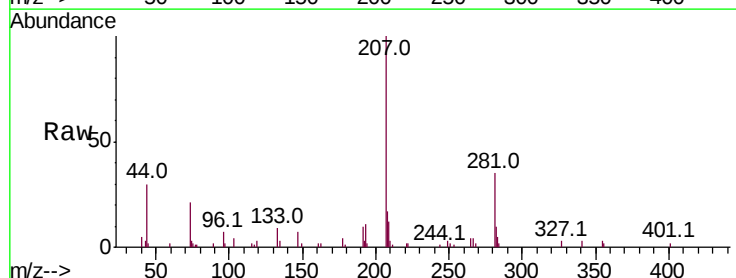
Tgt Ion:149 Resp: 1096

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

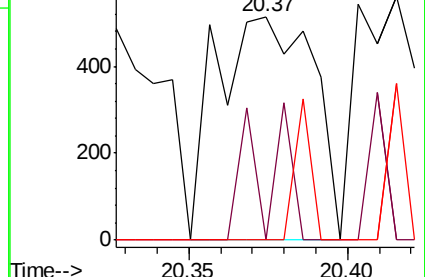
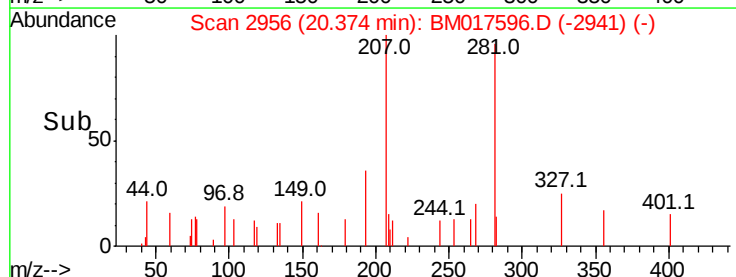
206 0.0 18.0 27.0#

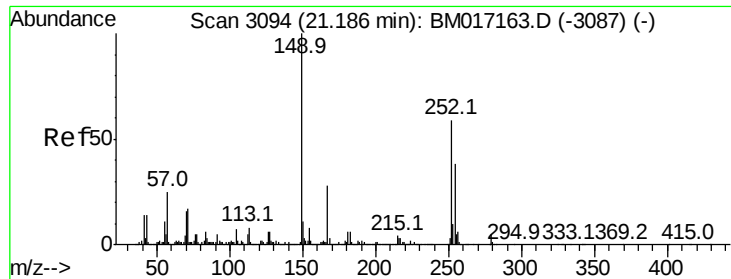


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

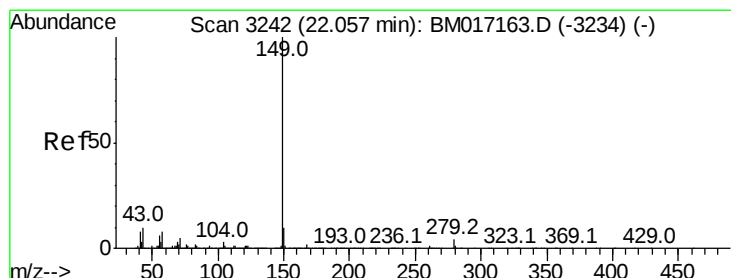
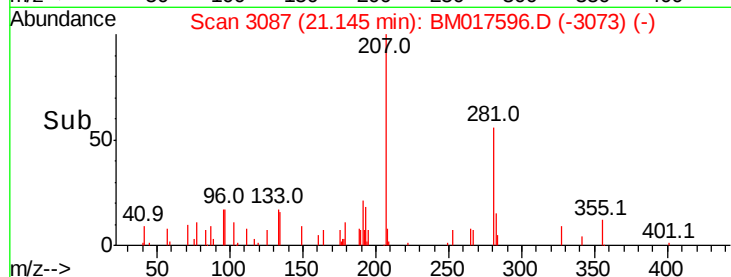
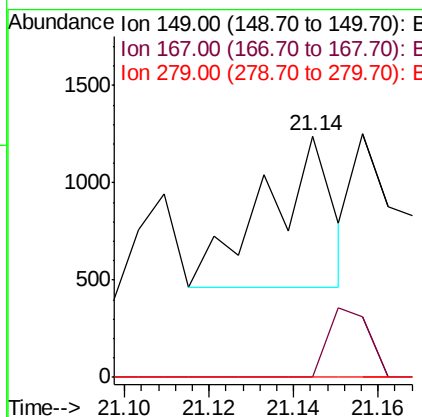
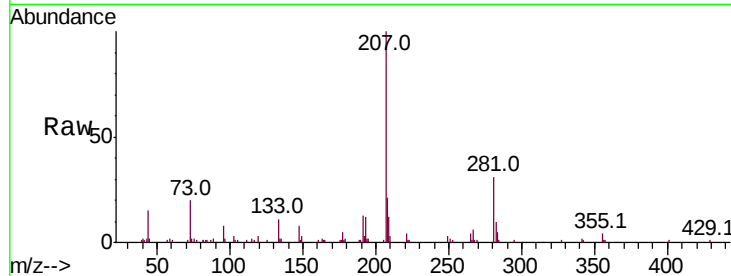




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.326 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017596.D
 Acq: 09 Nov 2018 18:00

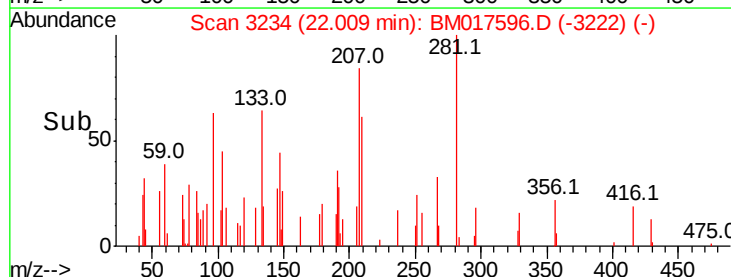
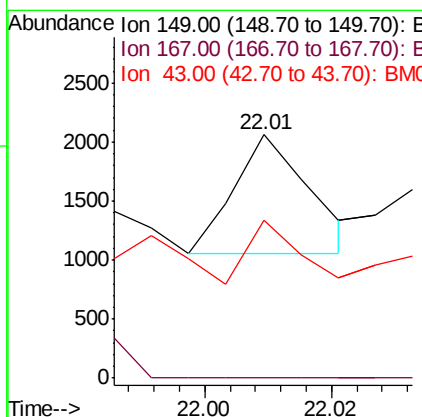
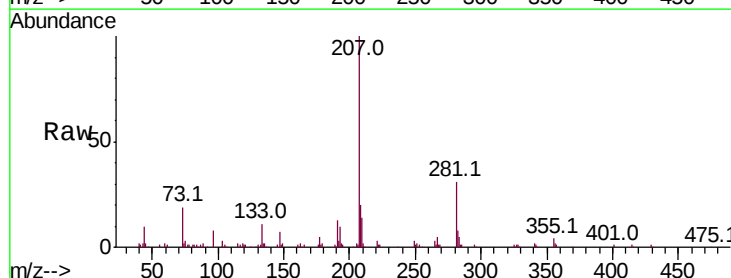
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BL

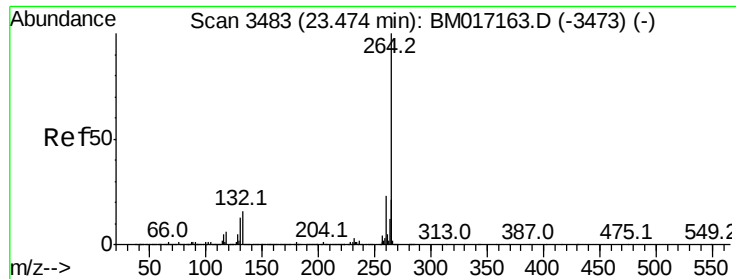
Tot Ion:149 Resp: 854
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.4#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.582 ng
 RT: 22.01 min Scan# 3234
 Delta R.T. -0.03 min
 Lab File: BM017596.D
 Acq: 09 Nov 2018 18:00

Tgt Ion:149 Resp: 834
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 52.3 7.2 10.8#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.41 min Scan# 3472
 Delta R.T. -0.04 min
 Lab File: BM017596.D
 Acq: 09 Nov 2018 18:00

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BL

Tot Ion:264 Resp: 1142133

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.3	17.8	26.8

