

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017564.D
 Acq On : 07 Nov 2018 17:35
 Operator : MJ/SJ
 Sample : J5839-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 08:54:47 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

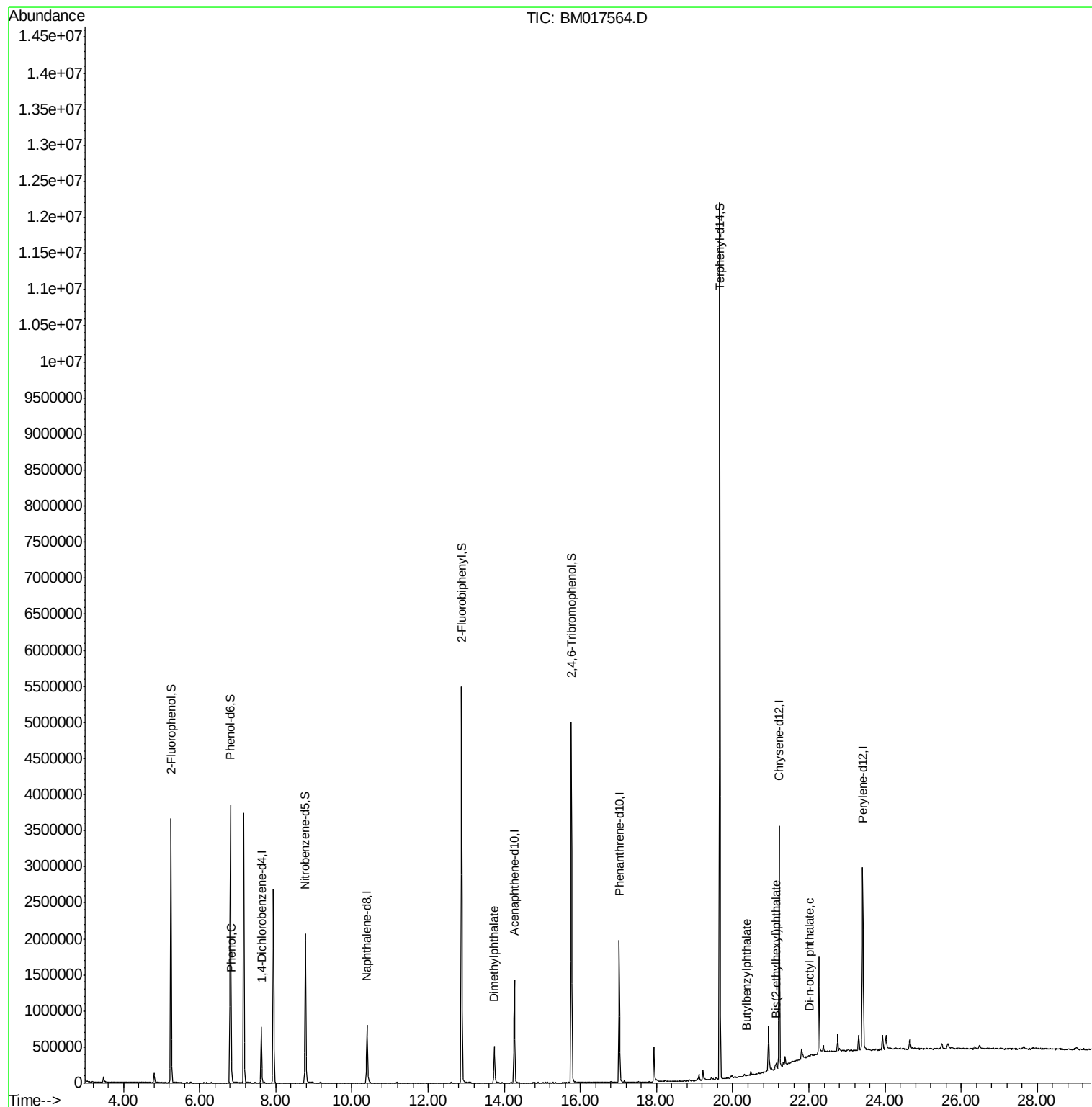
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	194765	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	760609	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	465936	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1172440	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1567822	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1777614	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1445102	125.49	ng	-0.02
7) Phenol-d6	6.81	99	2011337	128.25	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1214157	93.36	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	908897	144.24	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	2826276	80.71	ng	-0.02
79) Terphenyl-d14	19.66	244	5367895	77.17	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	117761	6.98	ng	Qvalue 94
50) Dimethylphthalate	13.74	163	398887	11.10	ng	99
80) Butylbenzylphthalate	20.36	149	2018	7.23	ng	# 82
84) Bis(2-ethylhexyl)phthalate	21.14	149	40553	6.01	ng	# 99
85) Di-n-octyl phthalate	22.01	149	610	5.58	ng	# 1

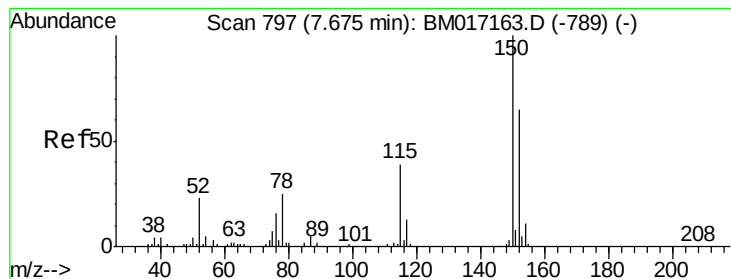
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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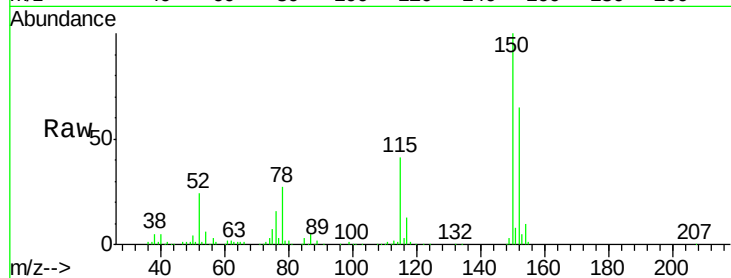


#1

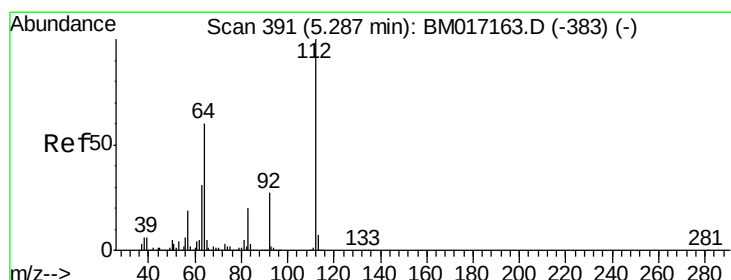
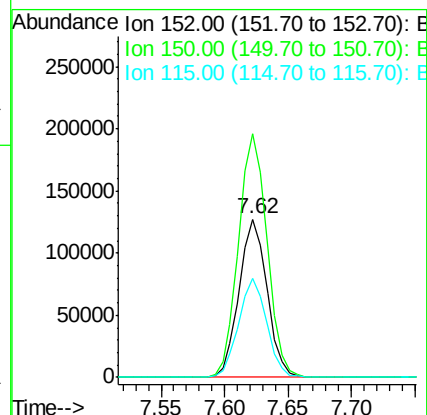
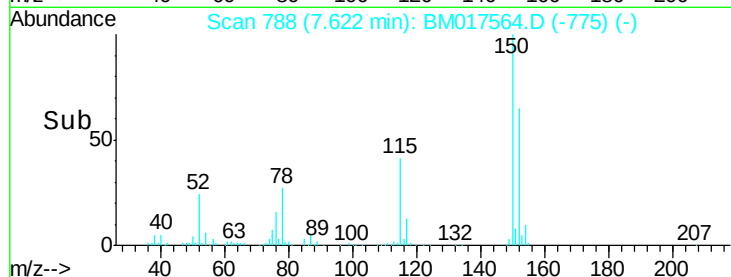
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 194765
Ion Ratio Lower Upper
152 100
150 153.9 124.3 186.5
115 62.8 48.1 72.1



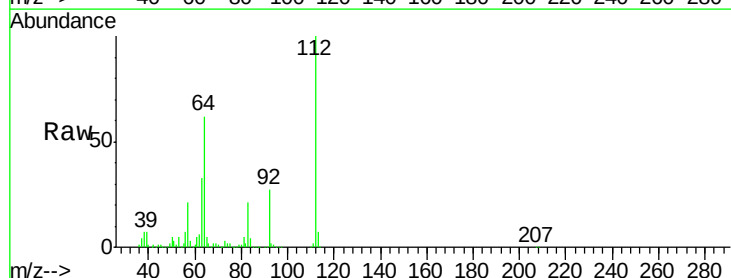
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



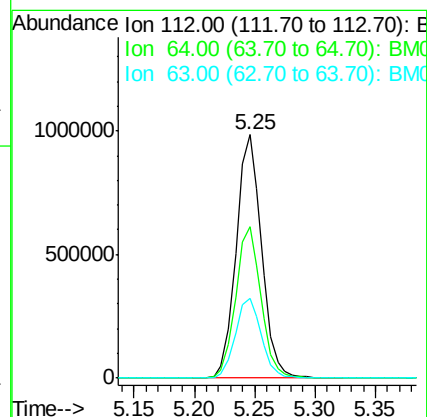
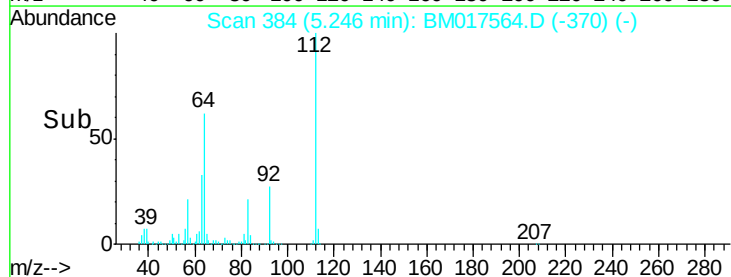
#5

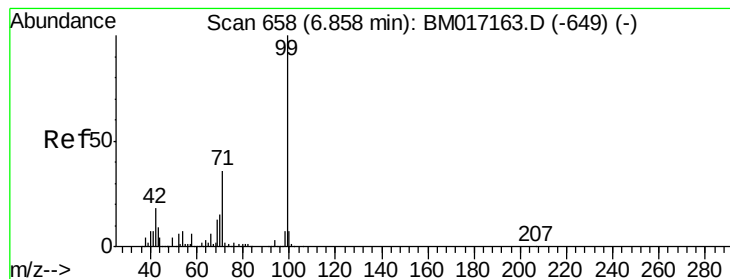
2-Fluorophenol
Concen: 125.49 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Tgt Ion:112 Resp: 1445102
Ion Ratio Lower Upper
112 100
64 62.1 41.7 62.5
63 32.8 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: 128.25 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

Instrument :

BNA_M

ClientSampleId :

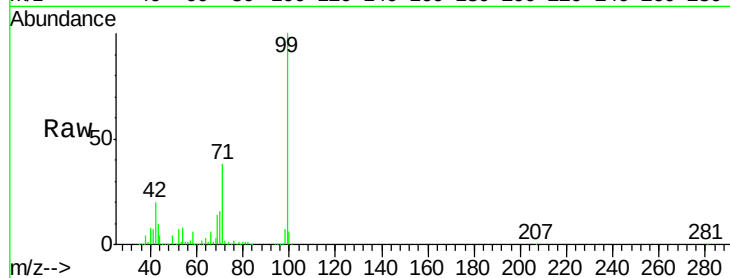
Tot Ion: 99 Resp: 2011337

Ion Ratio Lower Upper

99 100

42 20.1 13.3 19.9#

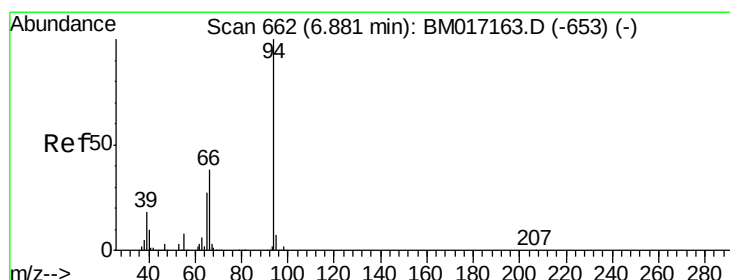
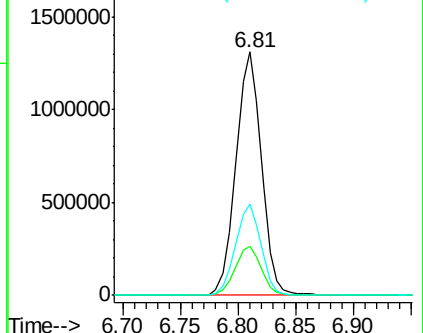
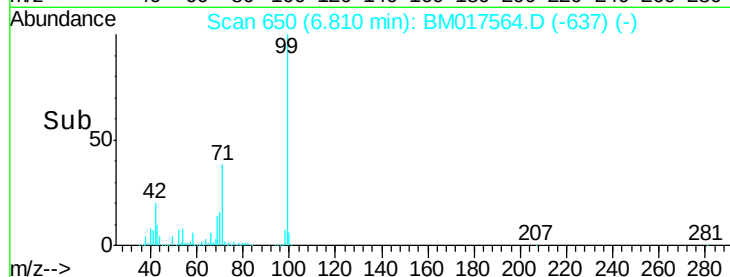
71 37.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017564.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017564.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017564.D (-637) (-)



#10

Phenol

Concen: 6.98 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

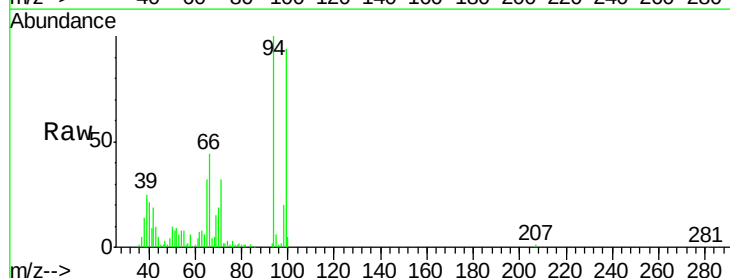
Tgt Ion: 94 Resp: 117761

Ion Ratio Lower Upper

94 100

65 31.7 9.4 49.4

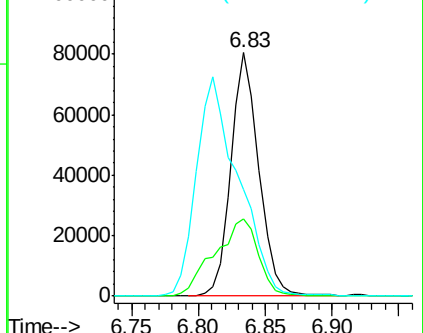
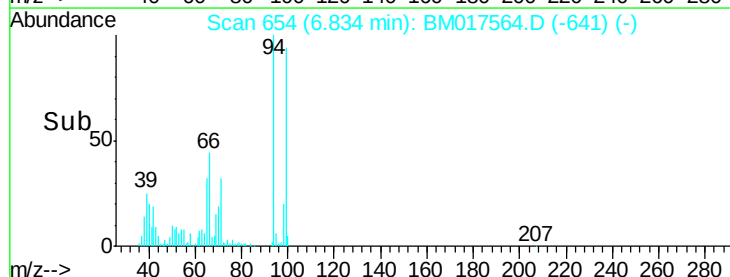
66 43.8 19.0 59.0

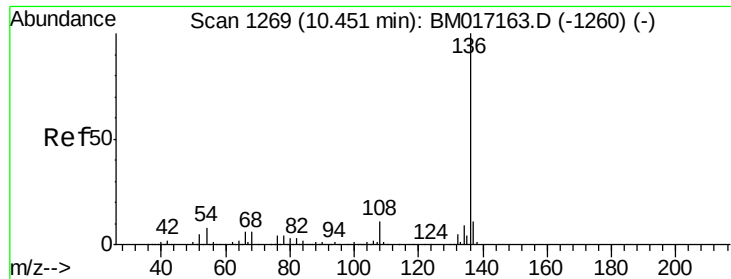


Abundance Ion 94.00 (93.70 to 94.70): BM017564.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017564.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017564.D (-641) (-)

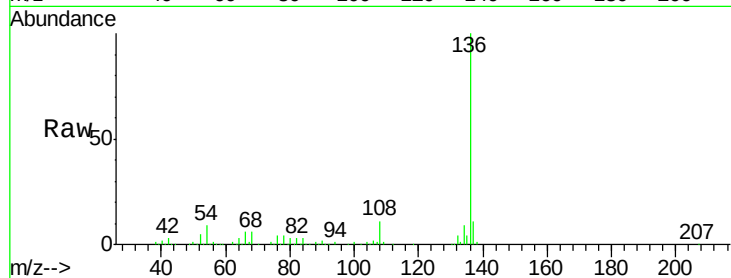




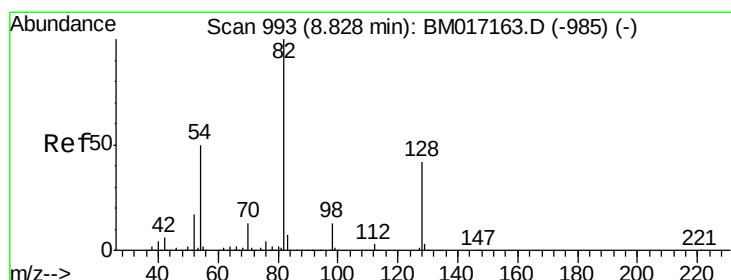
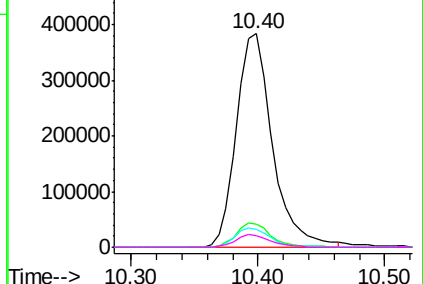
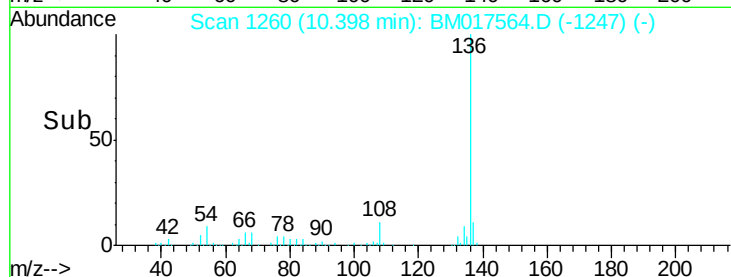
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 760609
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 8.5	6.7 10.1
68 5.7	4.7 7.1

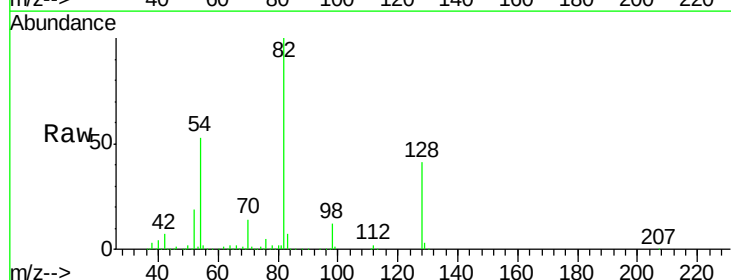


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

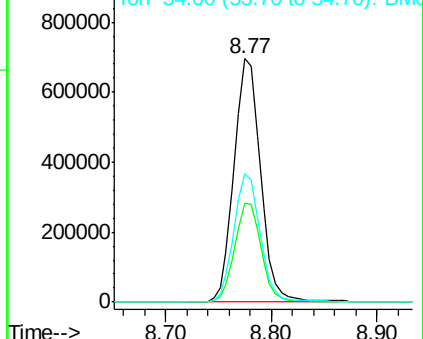
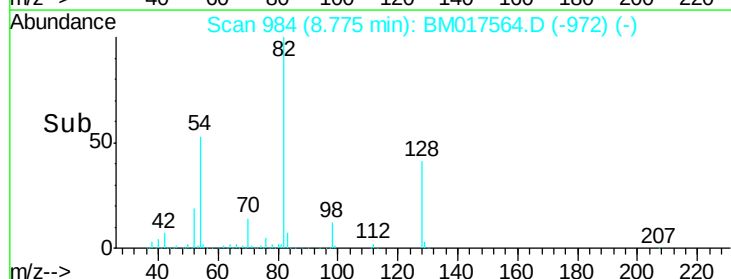


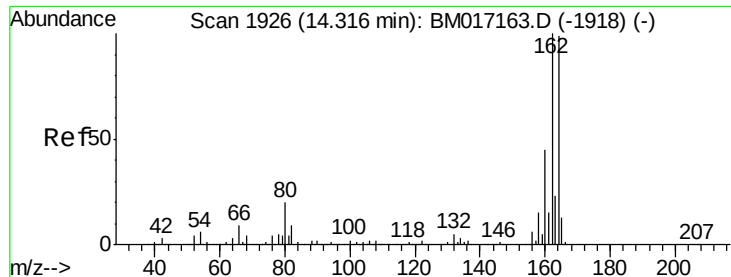
#23
Nitrobenzene-d5
Concen: 93.36 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Tgt	Ion: 82	Resp: 1214157	
Ion	Ratio	Lower	Upper
82	100		
128	40.9	37.0	55.6
54	52.6	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

Instrument :

BNA_M

ClientSampleId :

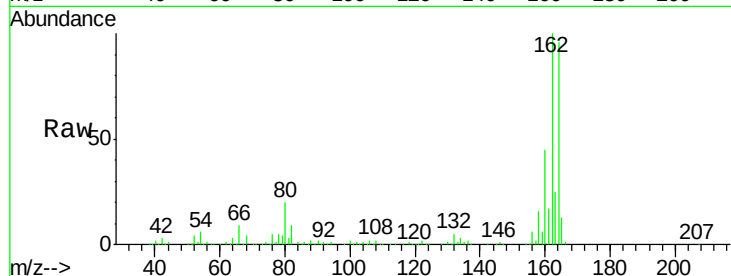
Tot Ion:164 Resp: 465936

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

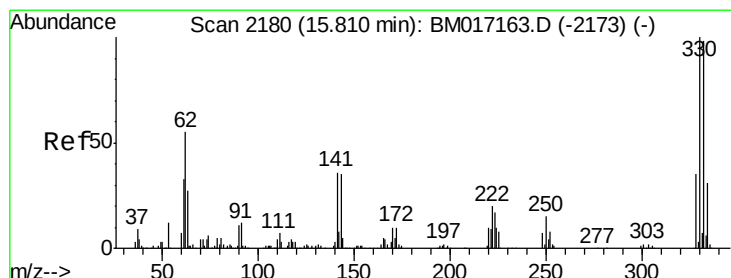
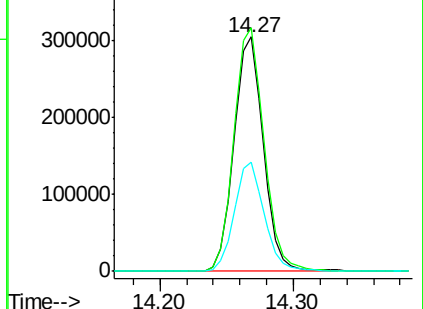
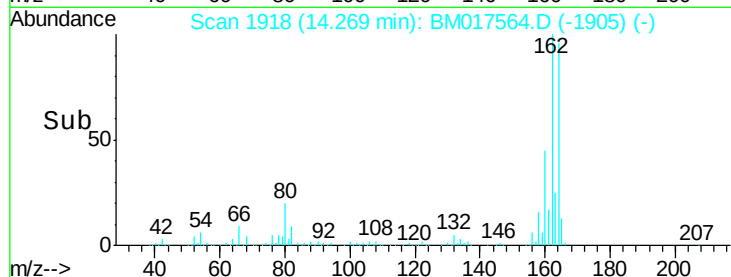
160 46.6 40.2 60.2



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: 144.24 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

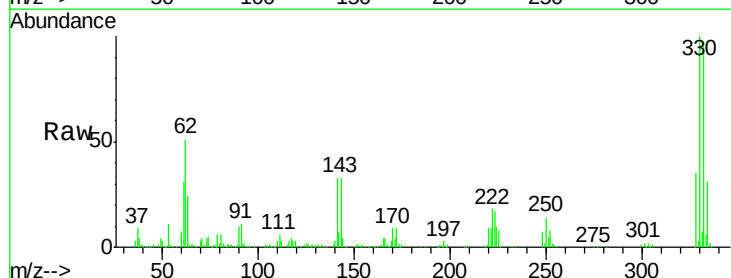
Tgt Ion:330 Resp: 908897

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

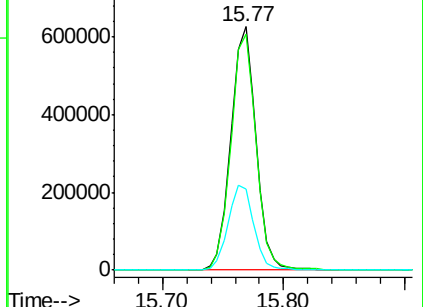
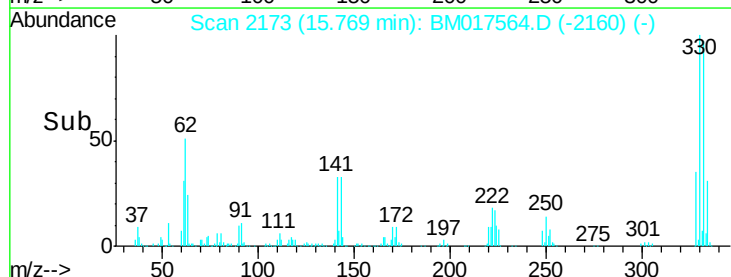
141 36.0 27.4 41.0

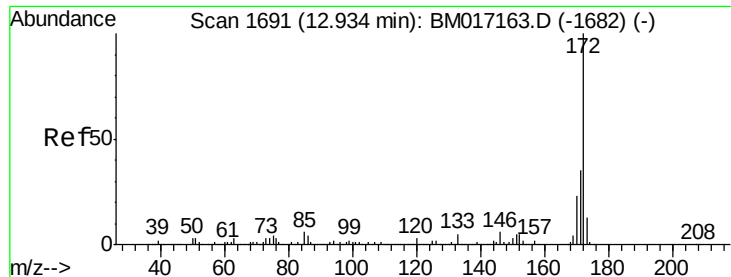


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

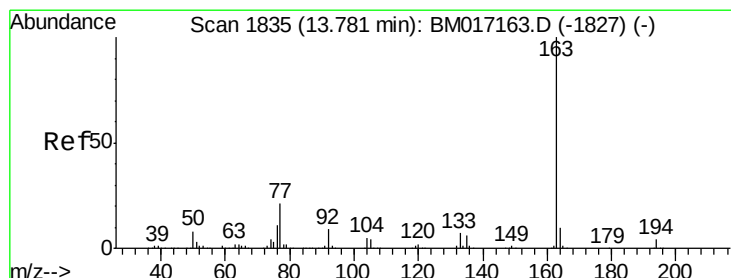
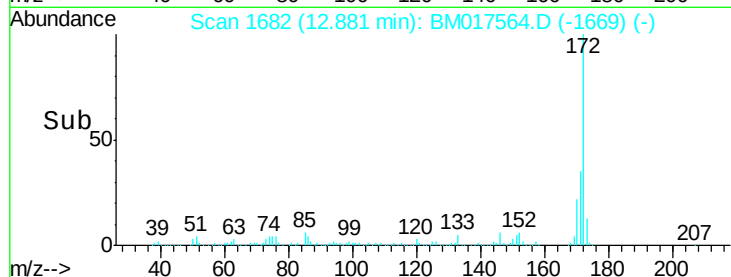
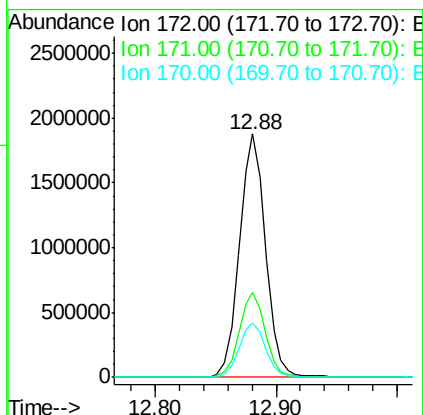
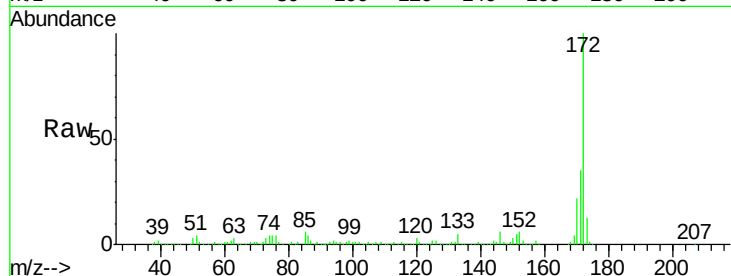




#45
2-Fluorobiphenyl
Concen: 80.71 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

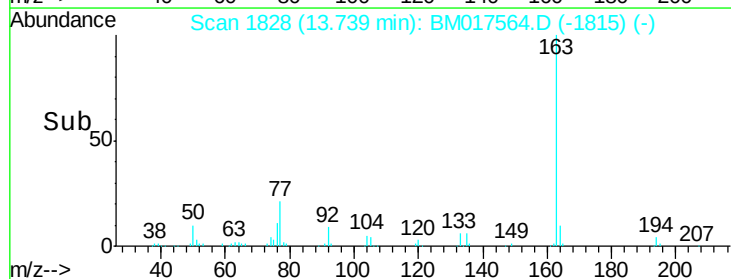
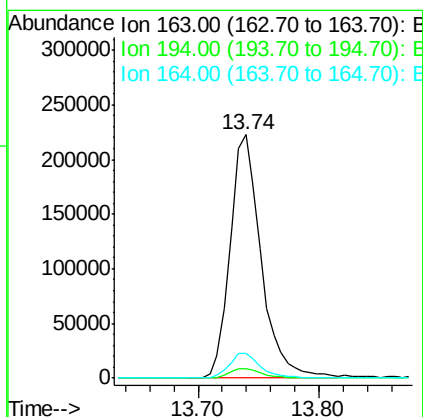
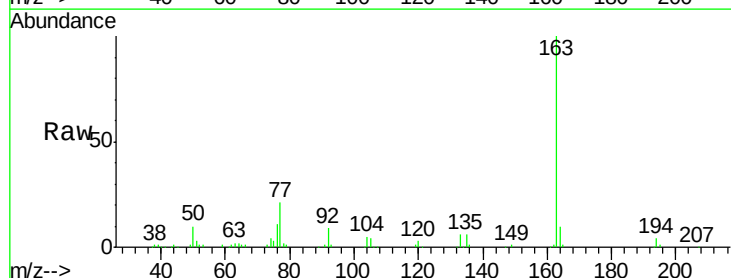
Instrument :
BNA_M
ClientSampled :

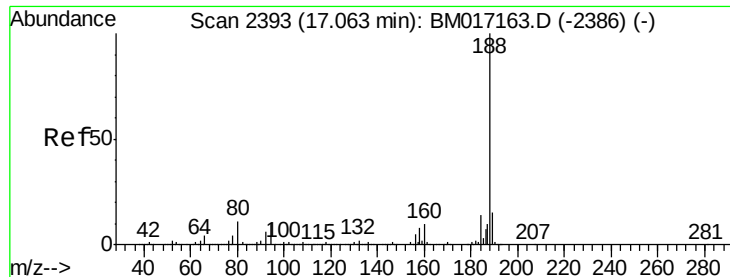
Tot Ion:172 Resp: 2826276
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.5 18.3 27.5



#50
Dimethylphthalate
Concen: 11.10 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Tgt Ion:163 Resp: 398887
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.3 7.8 11.8

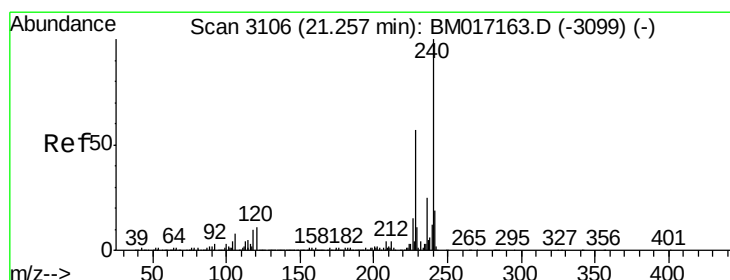
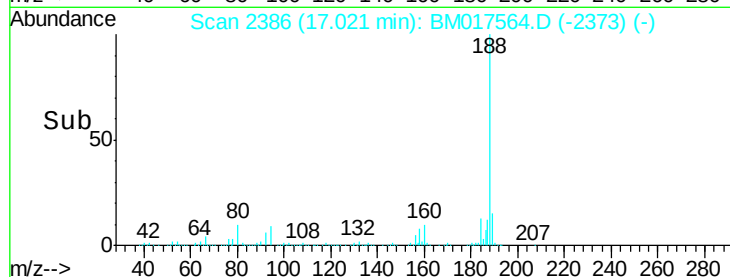
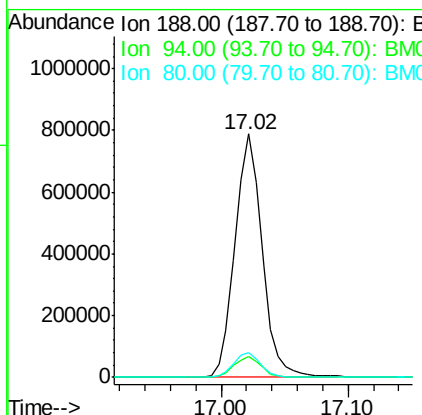
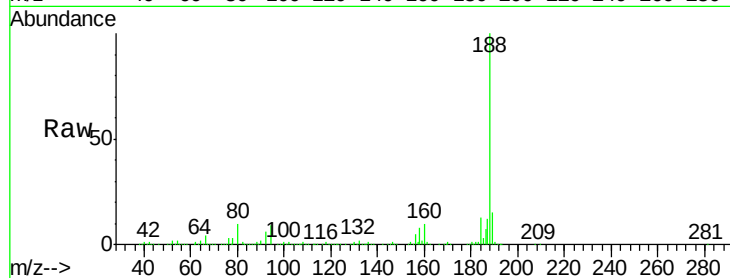




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

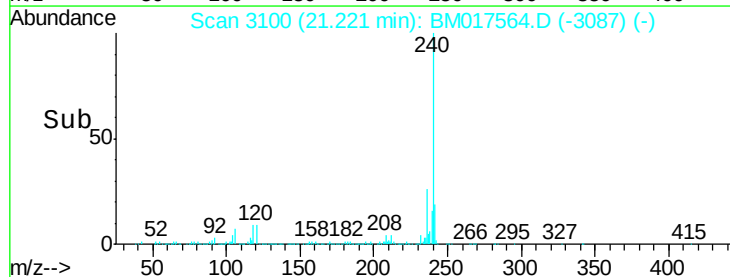
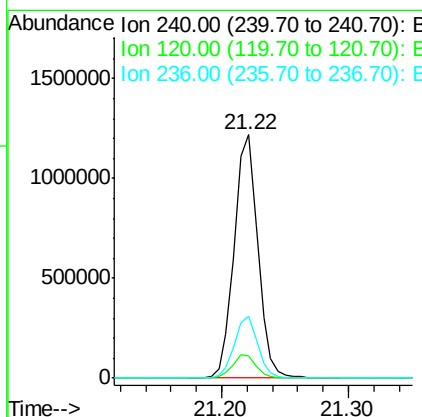
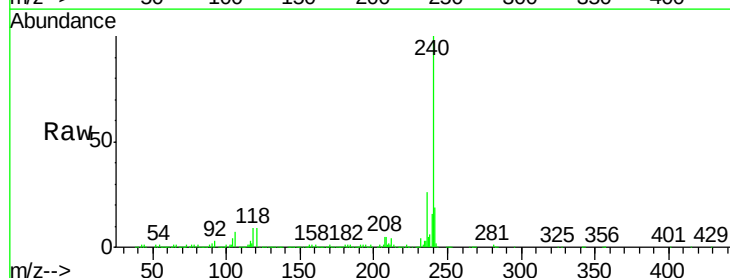
Instrument :
BNA_M
ClientSampled :

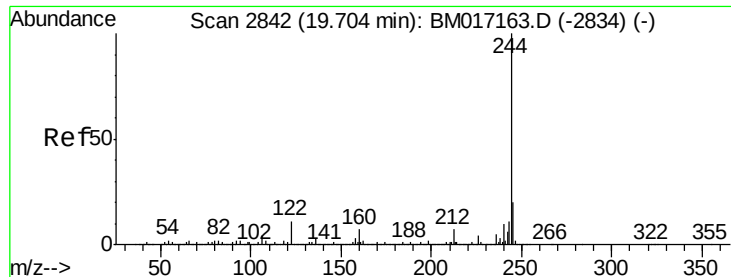
Tot Ion:188 Resp: 1172440
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Tgt Ion:240 Resp: 1567822
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.7 19.9 29.9





#79

Terphenyl-d14

Concen: 77.17 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

Instrument :

BNA_M

ClientSampleId :

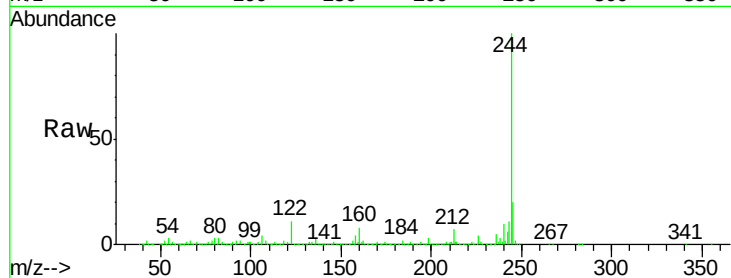
Tot Ion:244 Resp: 5367895

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

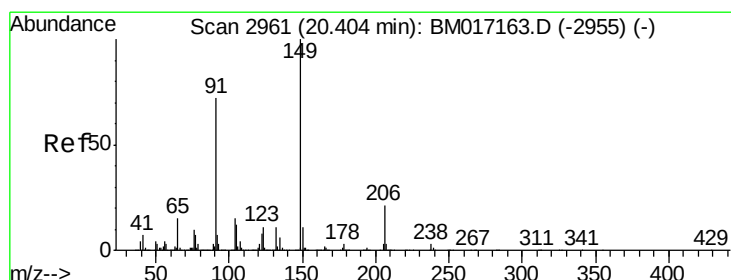
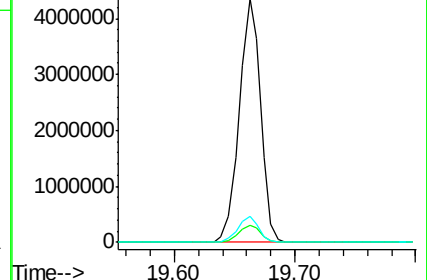
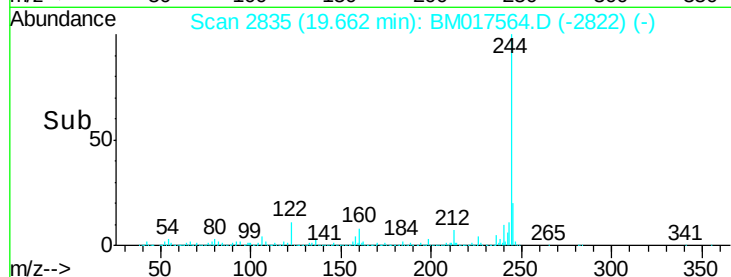
122 10.7 8.4 12.6



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: 7.23 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BM017564.D

Acq: 07 Nov 2018 17:35

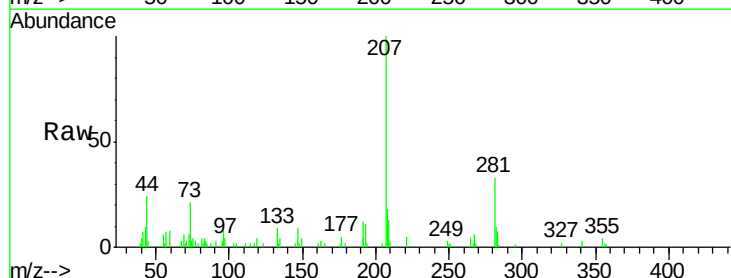
Tgt Ion:149 Resp: 2018

Ion Ratio Lower Upper

149 100

91 70.4 51.3 76.9

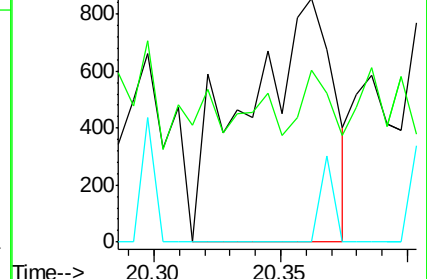
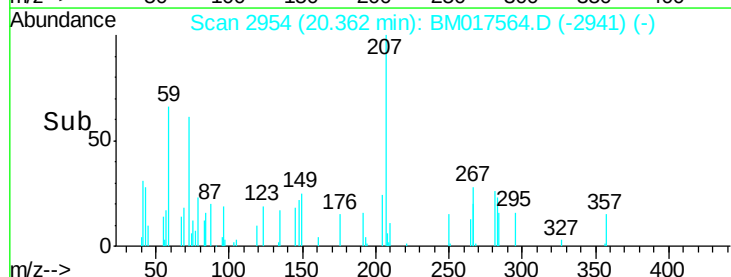
206 0.0 18.0 27.0#

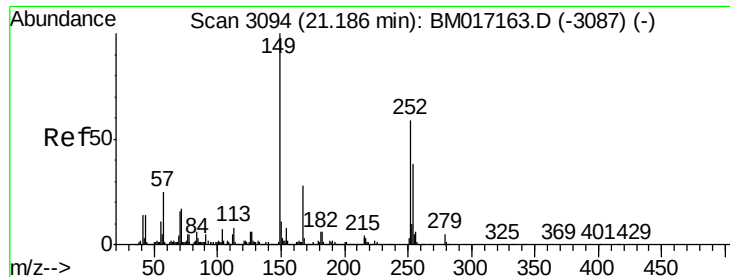


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

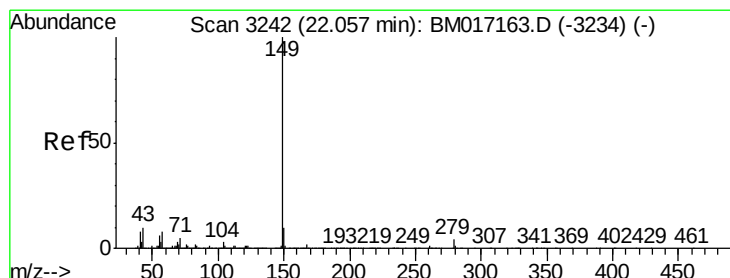
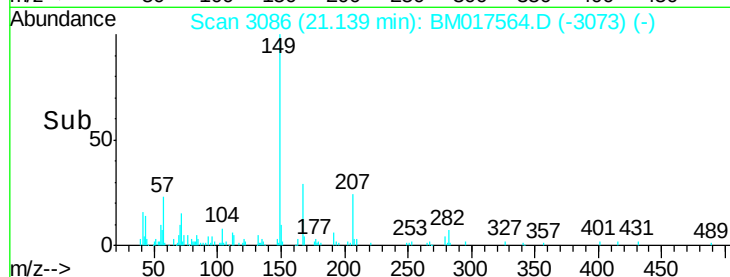
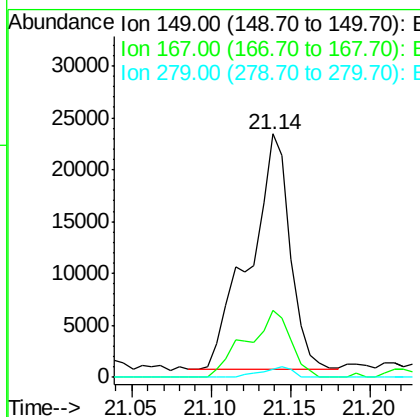
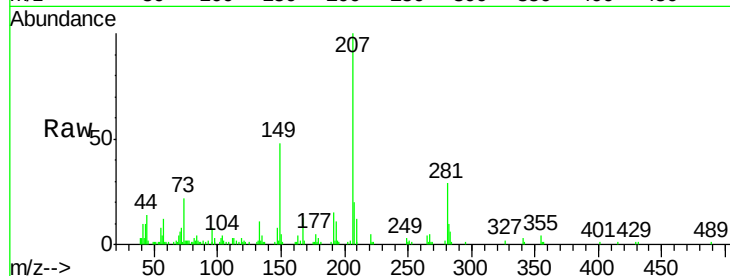




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.01 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.02 min
 Lab File: BM017564.D
 Acq: 07 Nov 2018 17:35

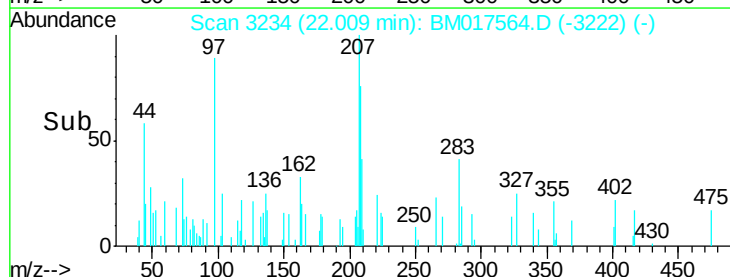
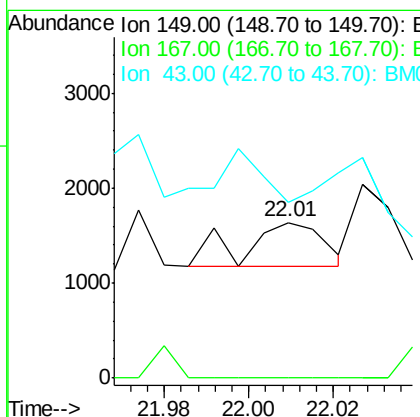
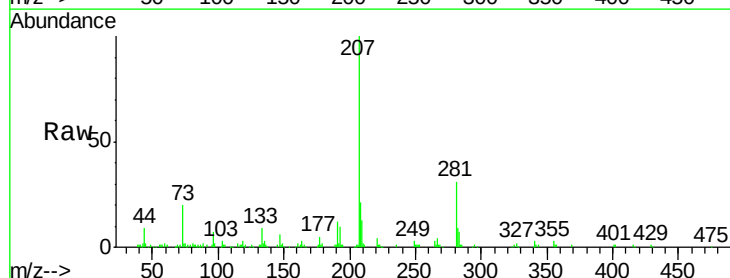
Instrument :
 BNA_M
 ClientSampleId :

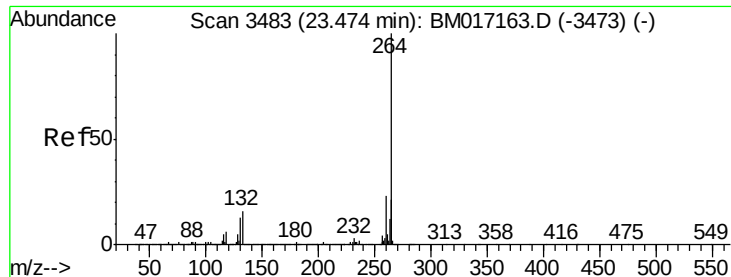
Tot Ion:149 Resp: 40553
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.2 33.4
 279 3.5 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.58 ng
 RT: 22.01 min Scan# 3234
 Delta R.T. -0.03 min
 Lab File: BM017564.D
 Acq: 07 Nov 2018 17:35

Tgt Ion:149 Resp: 610
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 57.2 7.2 10.8#



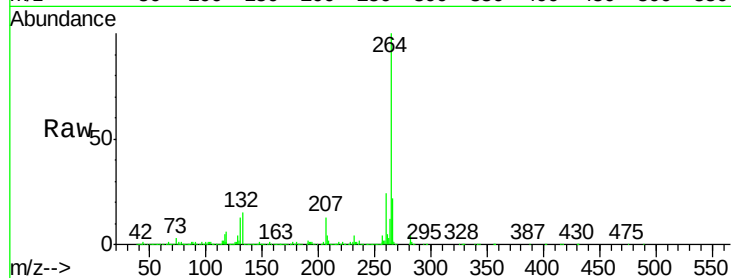


#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017564.D
Acq: 07 Nov 2018 17:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1777614

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.2	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

