

Data File : BM020553.D
Acq On : 24 May 2019 22:32
Operator : JU/SJ
Sample : PB119999BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119999BL

Quant Time: May 25 05:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51730	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	161511	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	128640	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	351505	20.00	ng	0.00
76) Chrysene-d12	21.27	240	447704	20.00	ng	0.00
87) Perylene-d12	23.50	264	517397	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	315210	119.54	ng	0.00
7) Phenol-d6	6.84	99	431756	108.48	ng	0.00
23) Nitrobenzene-d5	8.83	82	267636	69.55	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	271137	105.20	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	700348	68.31	ng	0.00
79) Terphenyl-d14	19.70	244	1721348	69.51	ng	0.00

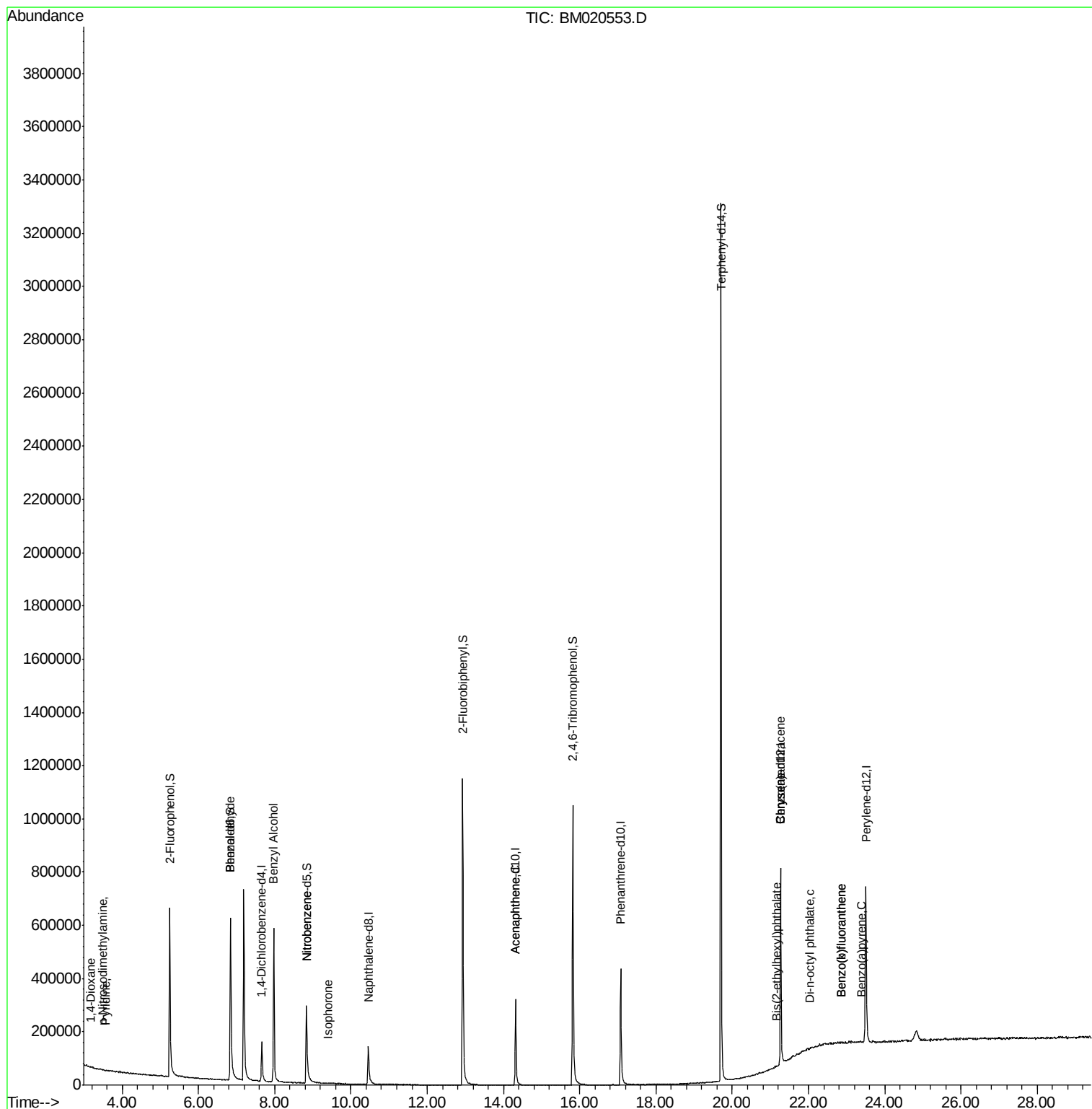
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	1047	0.759	ng	# 65
3) Pyridine	3.57	79	249	1.272	ng	# 1
4) n-Nitrosodimethylamine	3.49	42	661	0.676	ng	# 1
9) Benzaldehyde	6.84	77	1363	0.536	ng	# 8
15) Benzyl Alcohol	7.97	79	5401	1.467	ng	# 47
24) Nitrobenzene	8.83	77	767	0.202	ng	# 46
25) Isophorone	9.40	82	454	0.063	ng	# 68
52) Acenaphthene	14.32	154	115	0.015	ng	# 5
81) Benzo(a)anthracene	21.26	228	1009	0.033	ng	# 44
83) Chrysene	21.26	228	1009	0.034	ng	# 42
84) Bis(2-ethylhexyl)phthalate	21.17	149	642	0.045	ng	# 52
85) Di-n-octyl phthalate	22.04	149	178	0.007	ng	# 1
88) Benzo(b)fluoranthene	22.86	252	120	0.004	ng	# 60
89) Benzo(k)fluoranthene	22.87	252	124	0.004	ng	# 1
90) Benzo(a)pyrene	23.40	252	240	0.008	ng	# 60

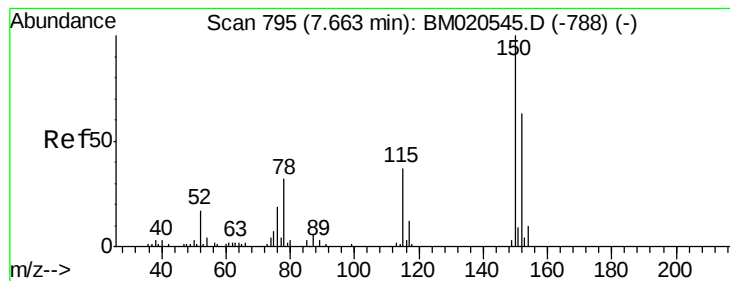
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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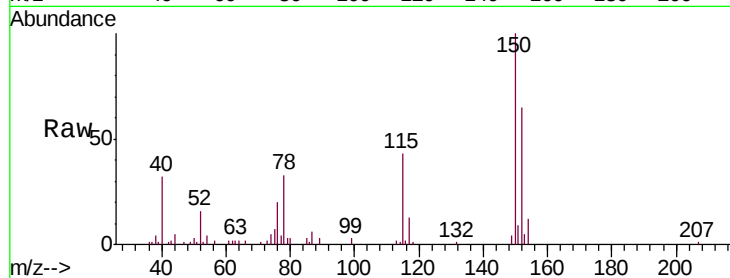


#1

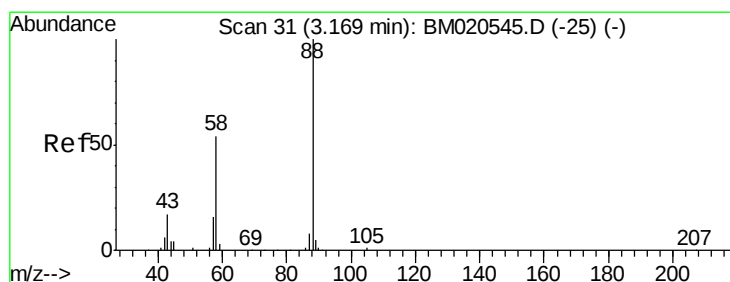
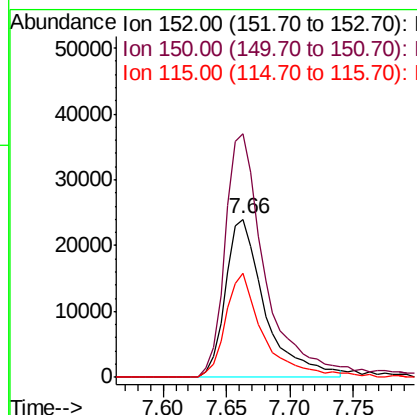
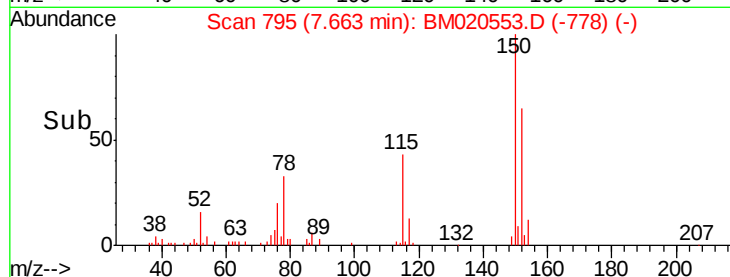
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Instrument :
BNA_M
ClientSampleId :
PB119999BL

Tgt Ion:152 Resp: 51730
Ion Ratio Lower Upper
152 100
150 154.2 126.6 190.0
115 66.3 46.6 70.0



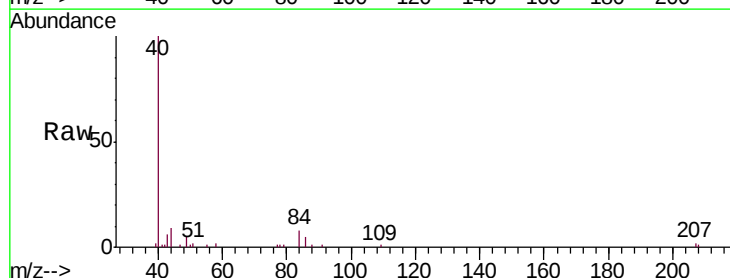
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



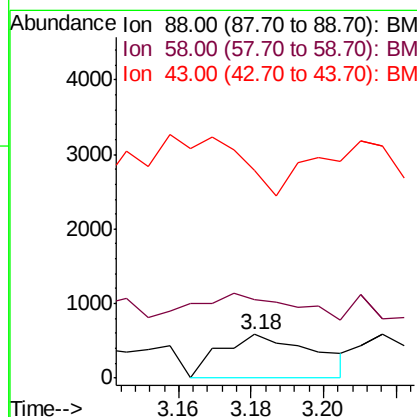
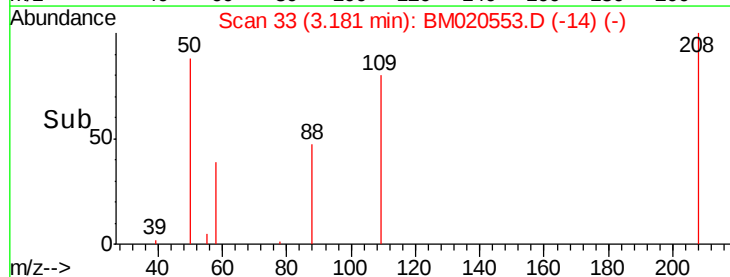
#2

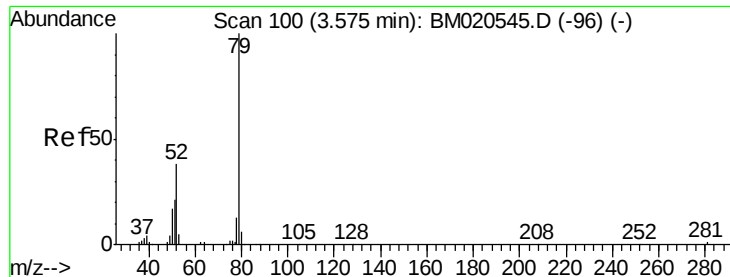
1,4-Dioxane
Concen: 0.759 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion: 88 Resp: 1047
Ion Ratio Lower Upper
88 100
58 75.4 42.3 63.5#
43 0.0 16.0 24.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 1.272 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

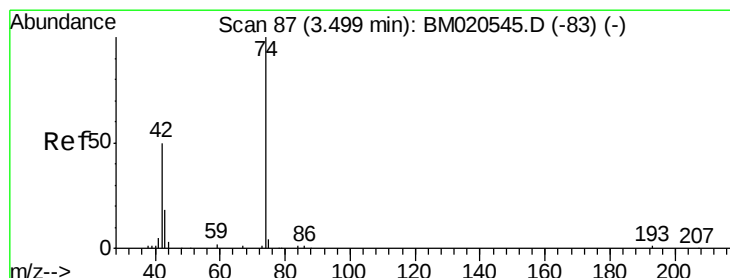
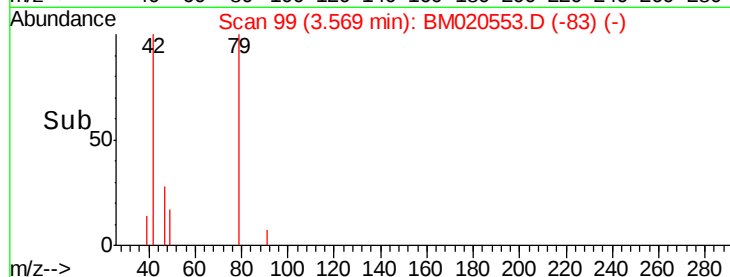
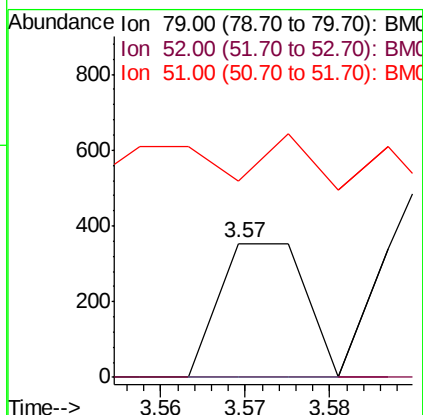
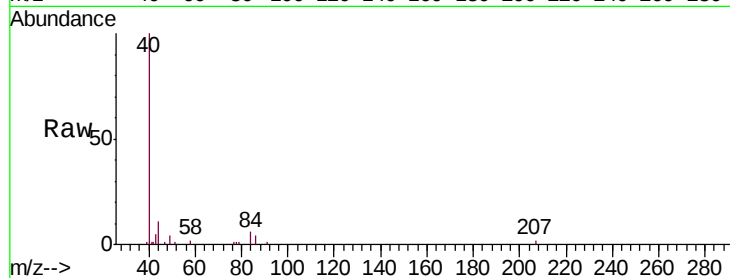
Tgt Ion: 79 Resp: 249

Ion Ratio Lower Upper

79 100

52 0.0 30.1 45.1#

51 147.0 17.8 26.8#



#4

n-Nitrosodimethylamine

Concen: 0.676 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

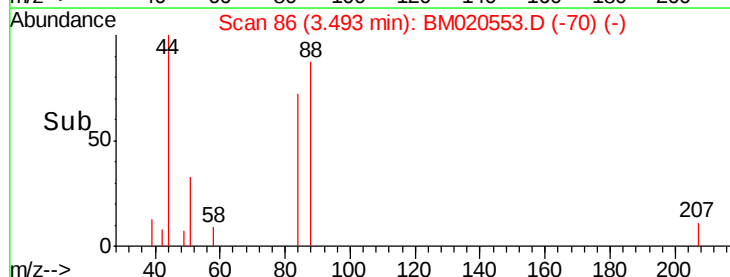
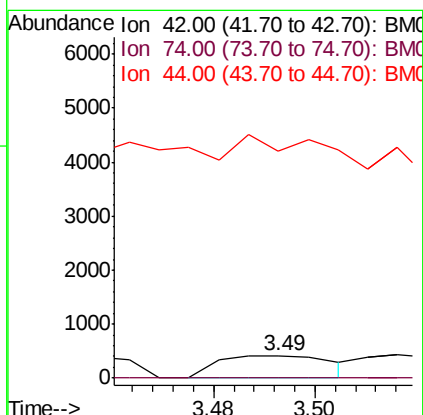
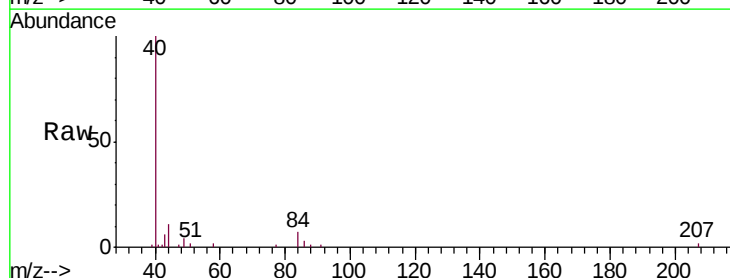
Tgt Ion: 42 Resp: 661

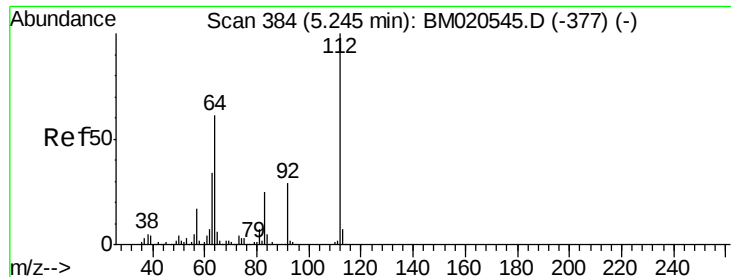
Ion Ratio Lower Upper

42 100

74 0.0 161.1 241.7#

44 1004.5 20.9 31.3#





#5

2-Fluorophenol

Concen: 119.541 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

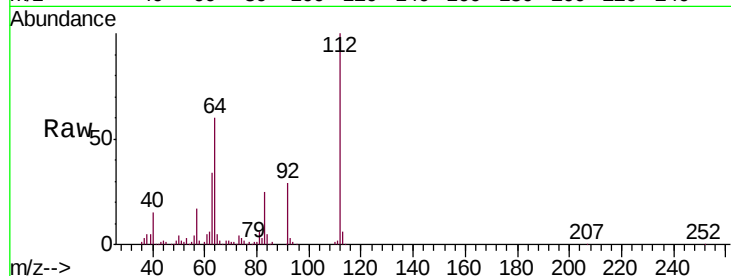
Tgt Ion: 112 Resp: 315210

Ion Ratio Lower Upper

112 100

64 60.3 48.6 73.0

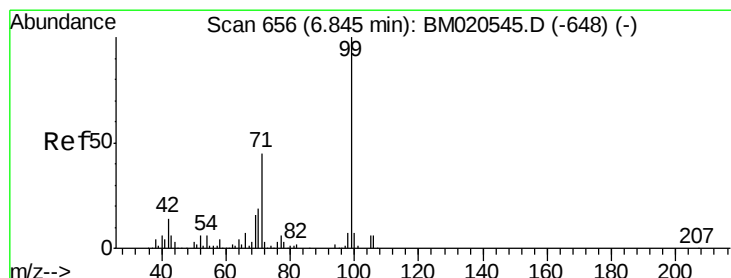
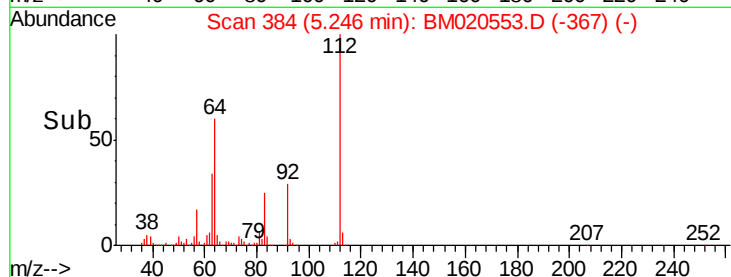
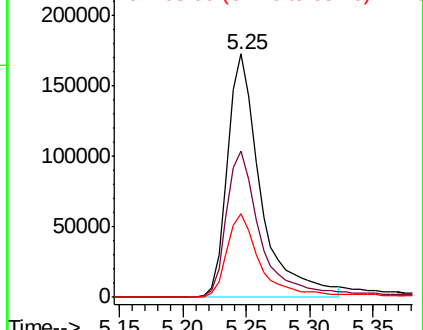
63 34.3 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 108.484 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

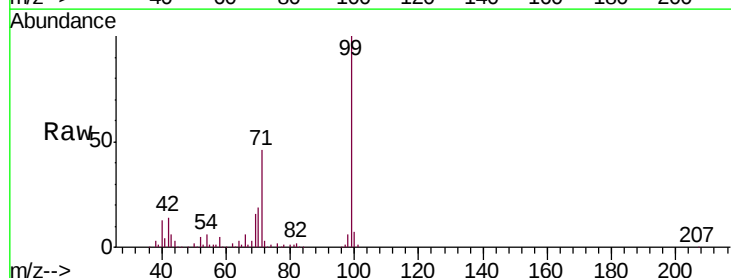
Tgt Ion: 99 Resp: 431756

Ion Ratio Lower Upper

99 100

42 13.7 10.8 16.2

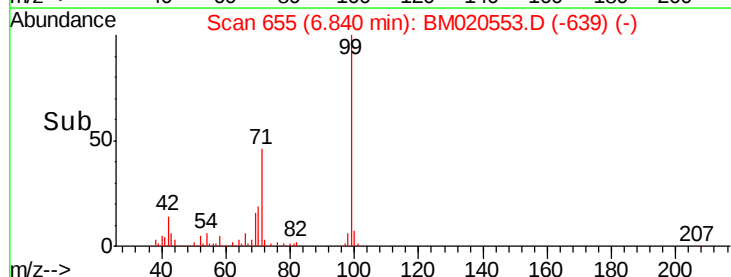
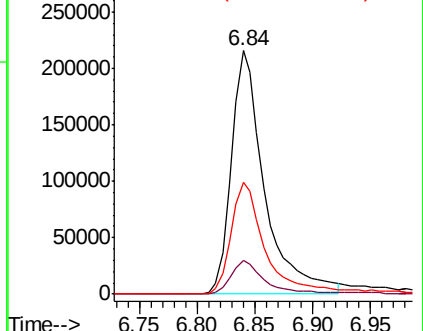
71 46.0 36.3 54.5

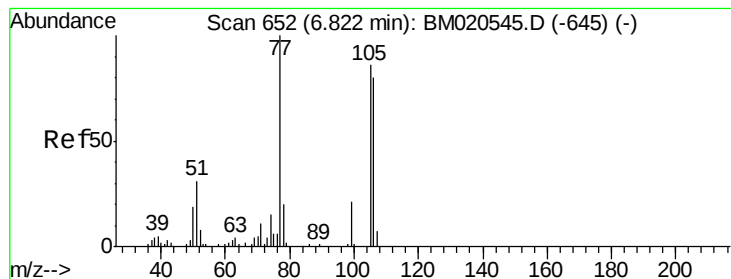


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.536 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.02 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

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ClientSampleId :

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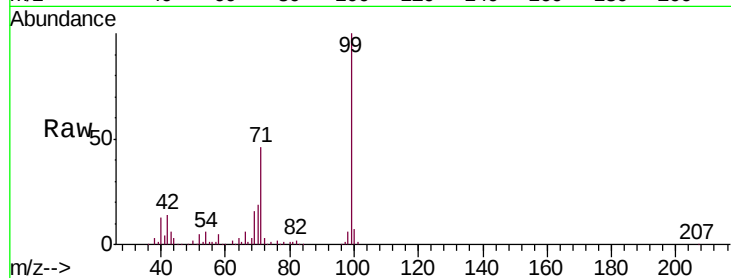
Tgt Ion: 77 Resp: 1363

Ion Ratio Lower Upper

77 100

105 0.0 66.1 106.1#

106 0.0 60.0 100.0#



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.84

800

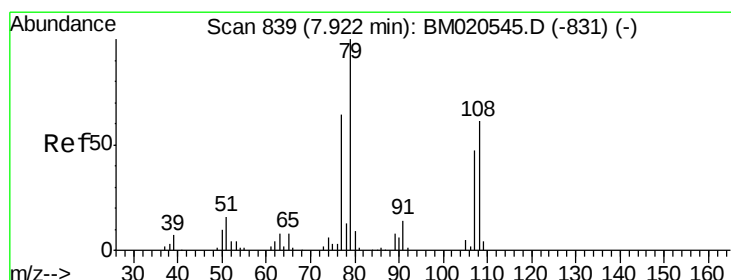
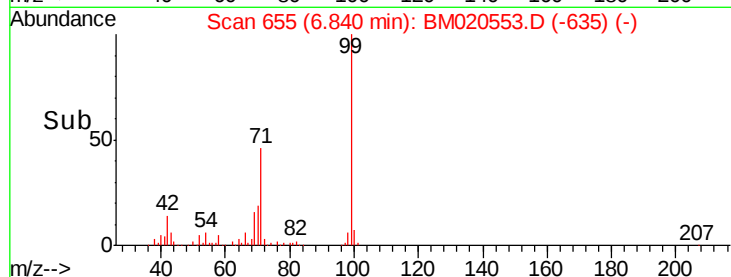
600

400

200

0

Time-->



#15

Benzyl Alcohol

Concen: 1.467 ng

RT: 7.97 min Scan# 847

Delta R.T. 0.05 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

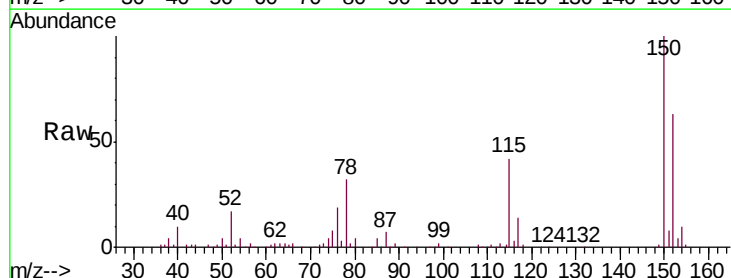
Tgt Ion: 79 Resp: 5401

Ion Ratio Lower Upper

79 100

108 35.5 48.5 72.7#

77 119.3 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-831) (-)

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM020545.D (-831) (-)

7.97

5000

4000

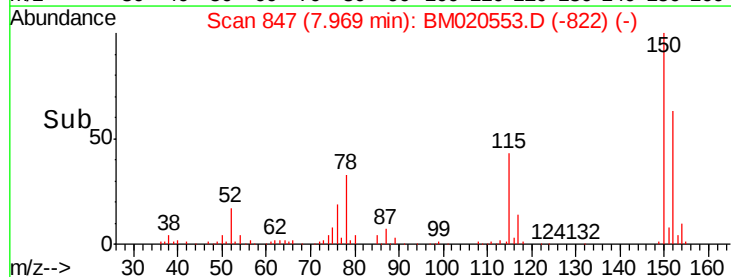
3000

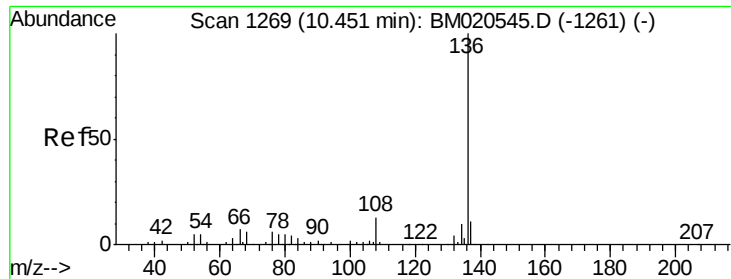
2000

1000

0

Time-->

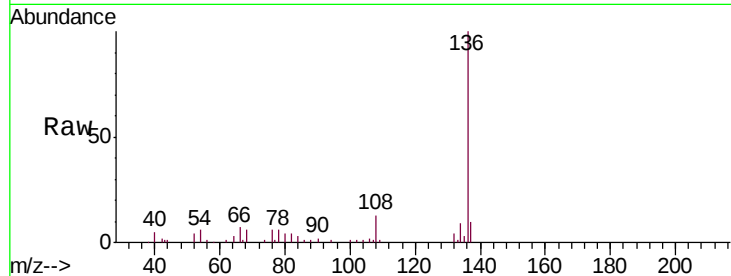




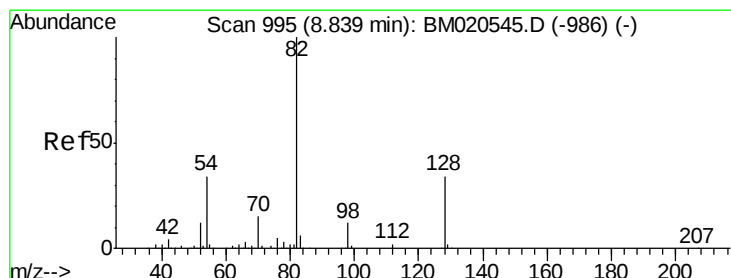
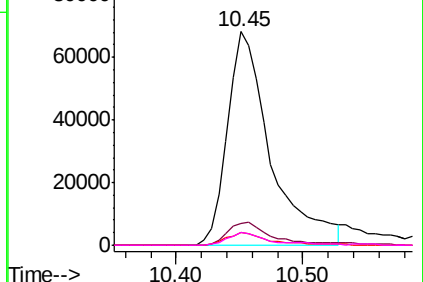
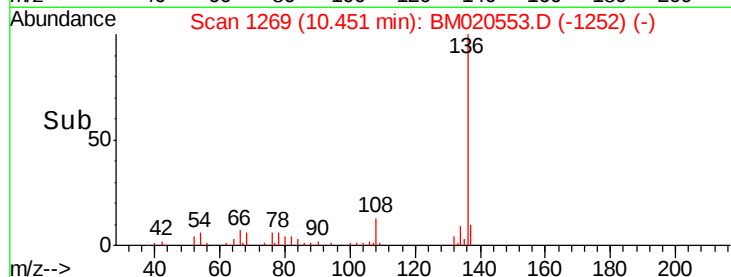
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Instrument :
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Tgt Ion:	136	Resp:	161511
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.4	12.6
54	5.7	4.2	6.4
68	5.9	4.6	7.0

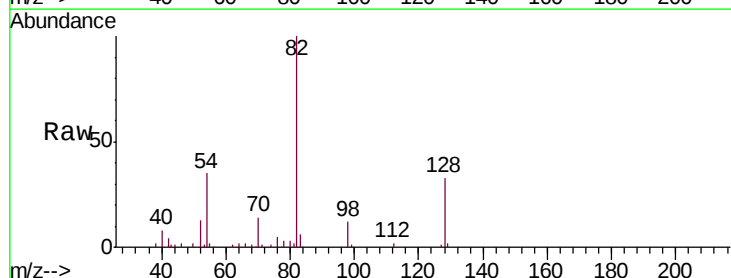


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

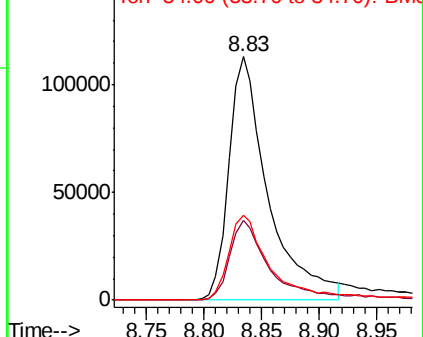
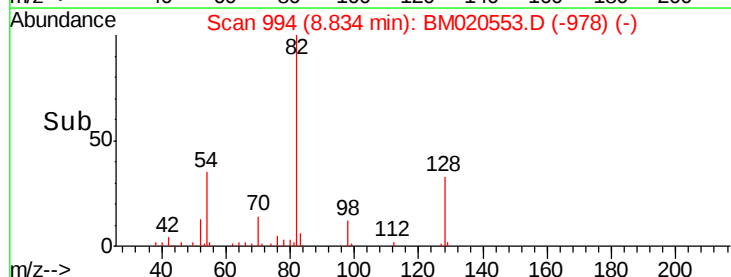


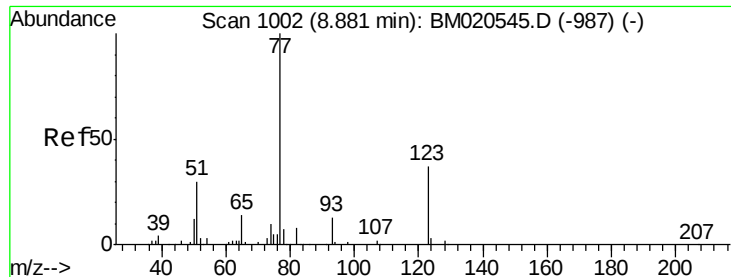
#23
Nitrobenzene-d5
Concen: 69.552 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion:	82	Resp:	267636
Ion	Ratio	Lower	Upper
82	100		
128	32.5	27.0	40.4
54	35.0	27.4	41.2



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

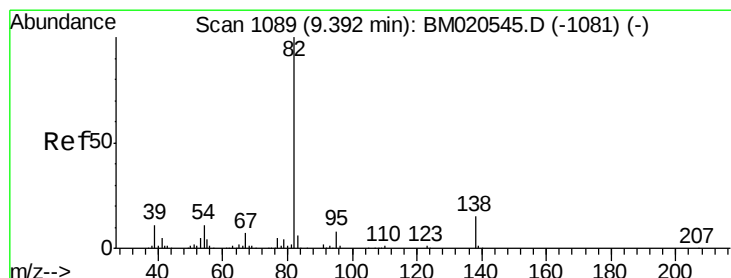
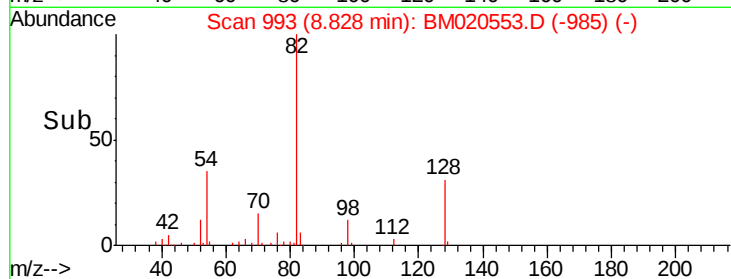
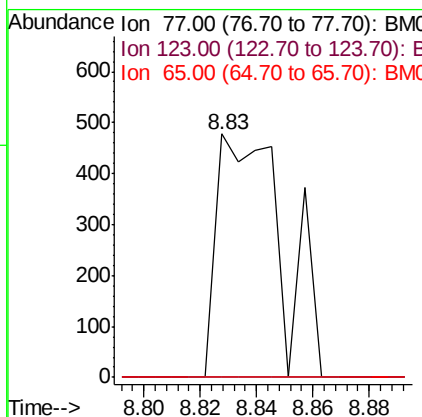
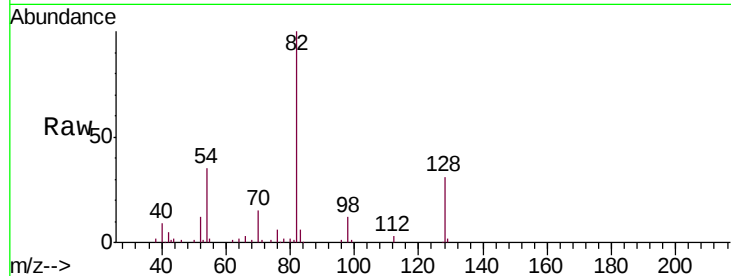




#24
Nitrobenzene
Concen: 0.202 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.05 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

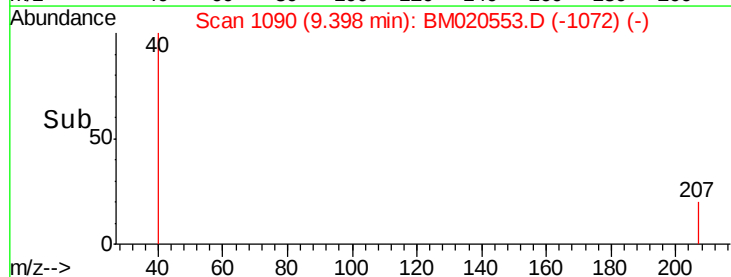
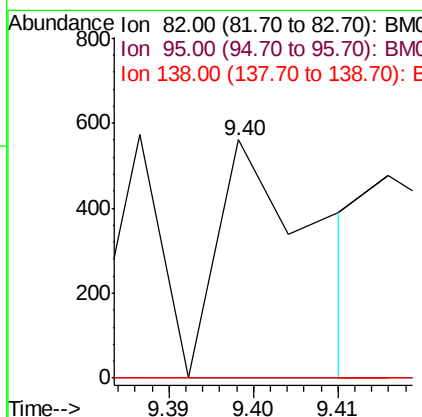
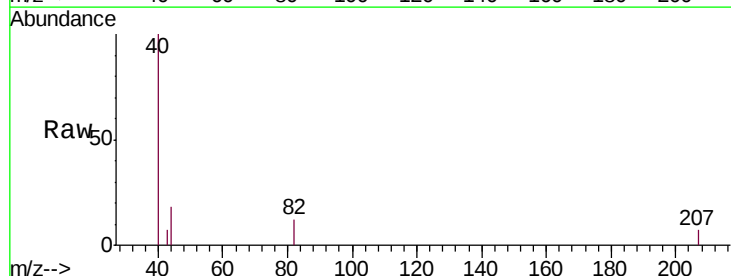
Instrument :
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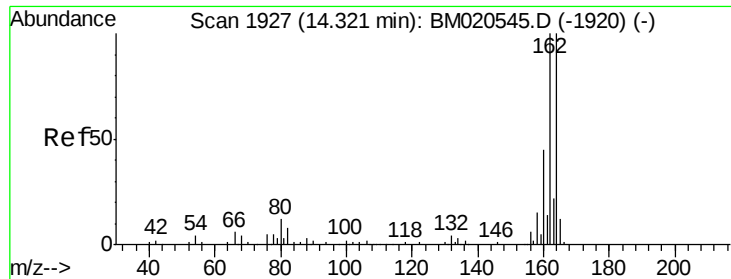
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.4	44.2#
65	0.0	10.8	16.2#



#25
Isophorone
Concen: 0.063 ng
RT: 9.40 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	12.0	18.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleID :

PB119999BL

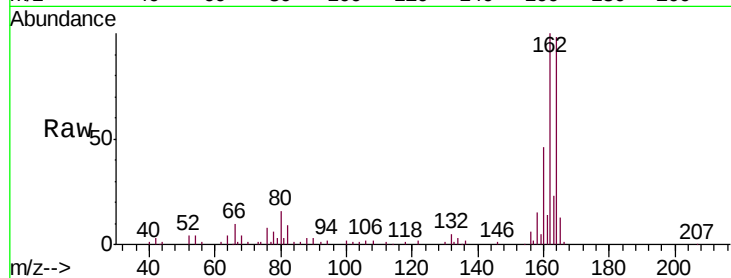
Tgt Ion:164 Resp: 128640

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

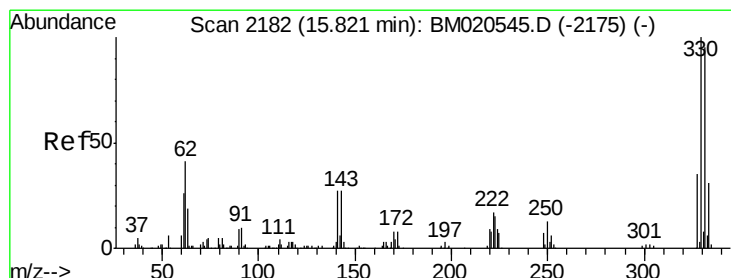
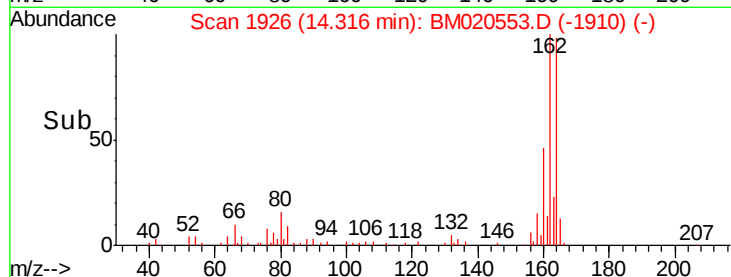
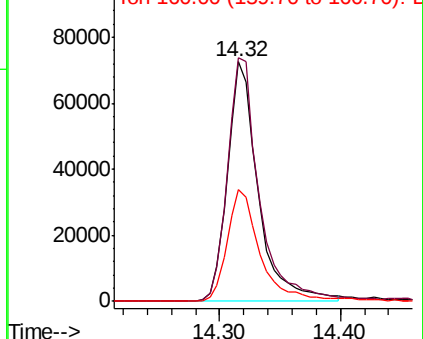
160 46.5 35.9 53.9



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: 105.204 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

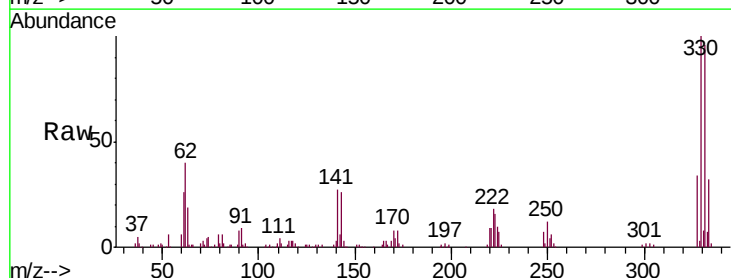
Tgt Ion:330 Resp: 271137

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

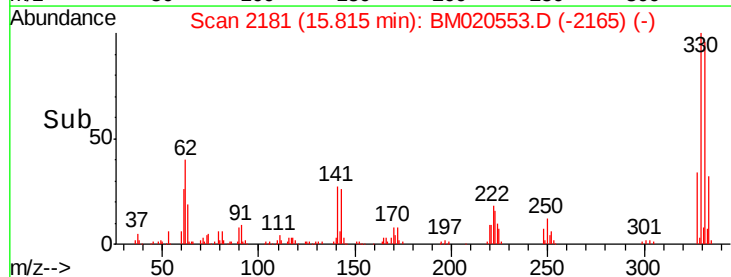
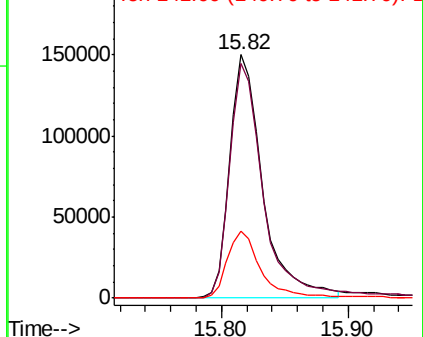
141 27.6 21.7 32.5

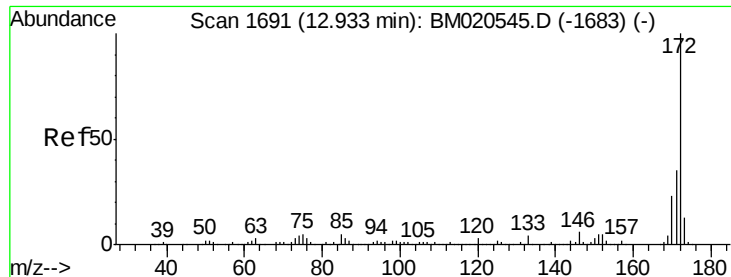


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

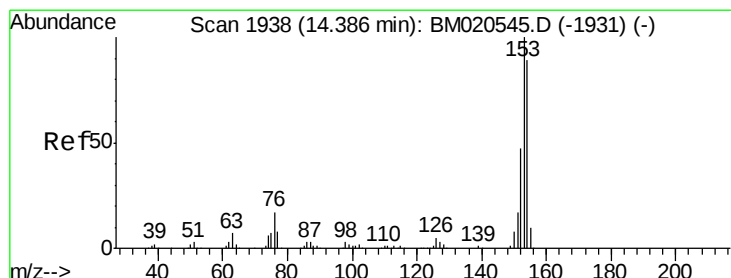
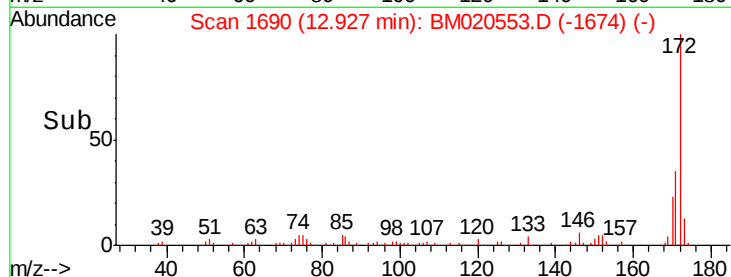
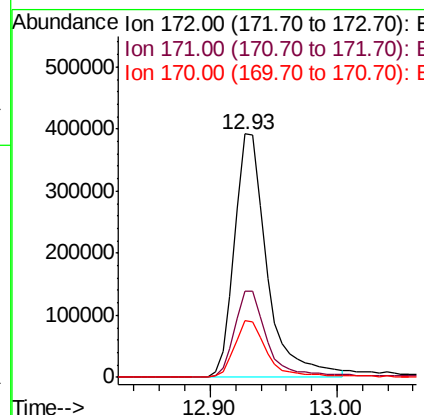
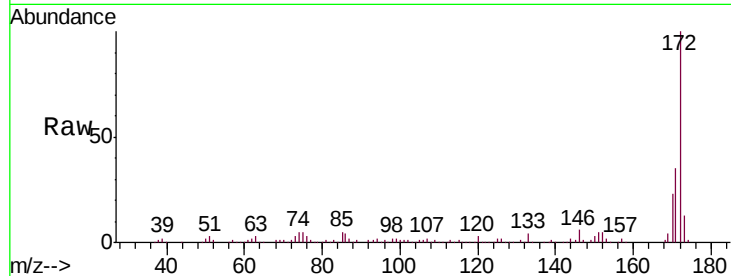




#45
2-Fluorobiphenyl
Concen: 68.315 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

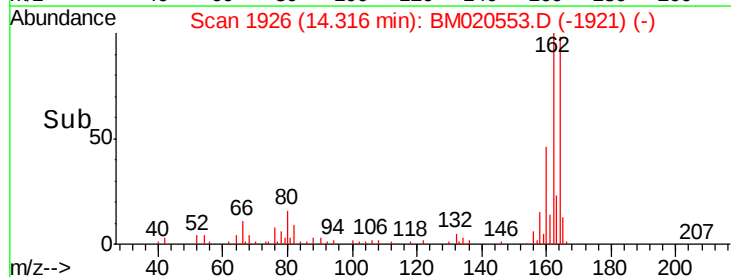
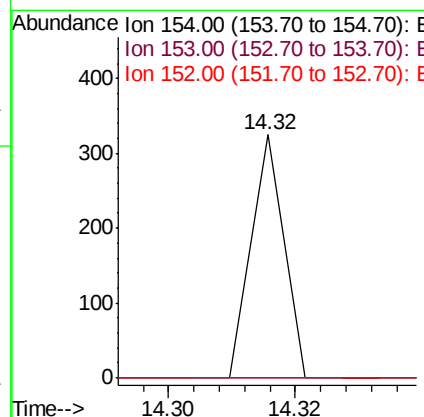
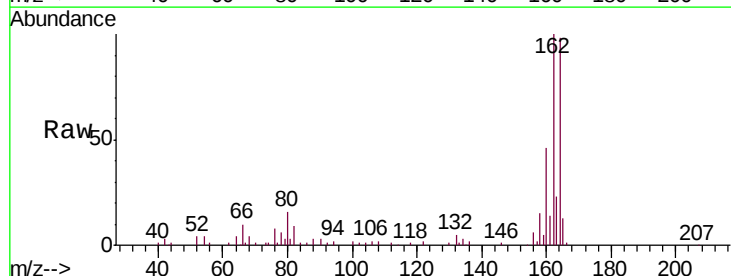
Instrument :
BNA_M
ClientSampleId :
PB119999BL

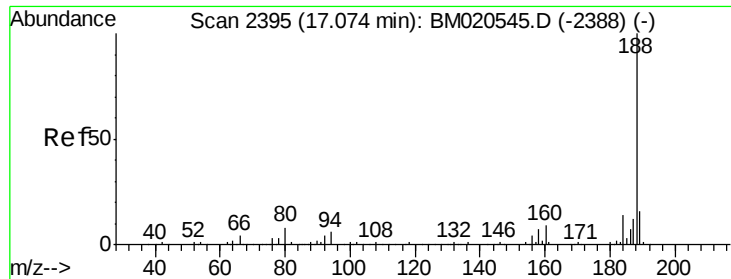
Tgt Ion:172 Resp: 700348
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.0 18.2 27.4



#52
Acenaphthene
Concen: 0.015 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.07 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion:154 Resp: 115
Ion Ratio Lower Upper
154 100
153 0.0 90.2 135.4#
152 0.0 42.0 63.0#

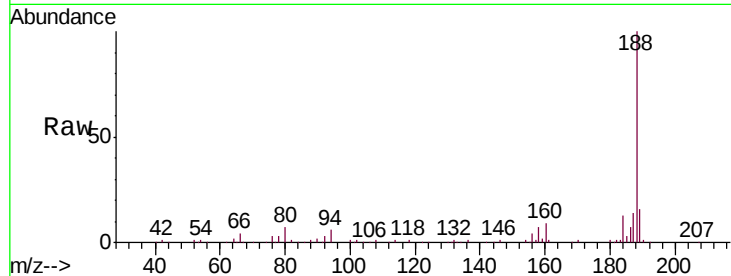




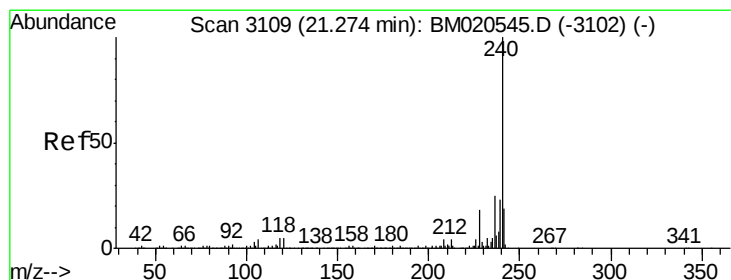
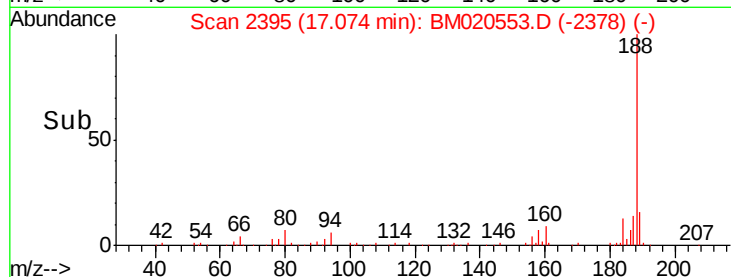
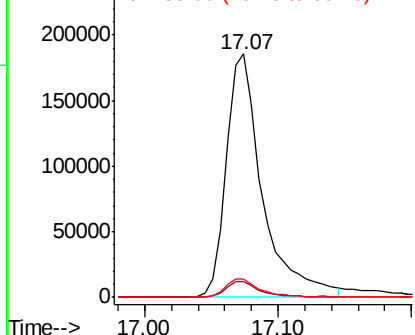
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Instrument :
BNA_M
ClientSampleId :
PB119999BL

Tgt Ion:188 Resp: 351505
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 7.3 6.5 9.7

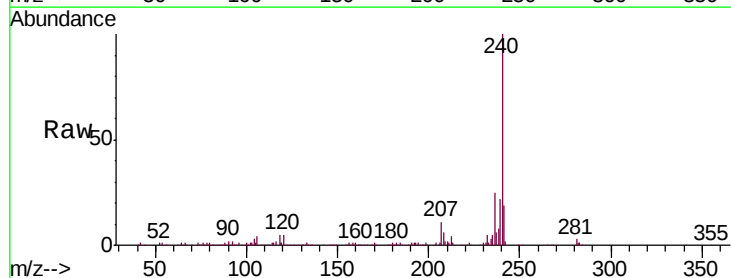


Abundance Ion 188.00 (187.70 to 188.70): E
250000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

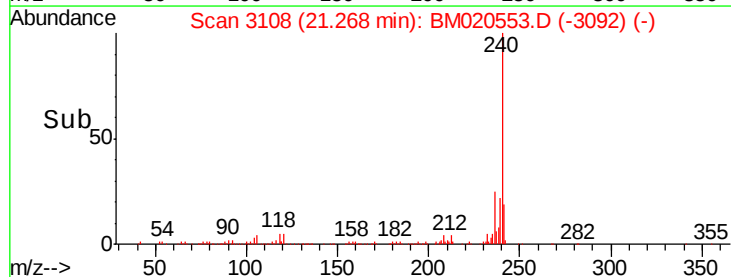
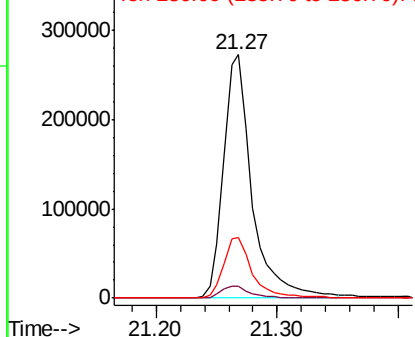


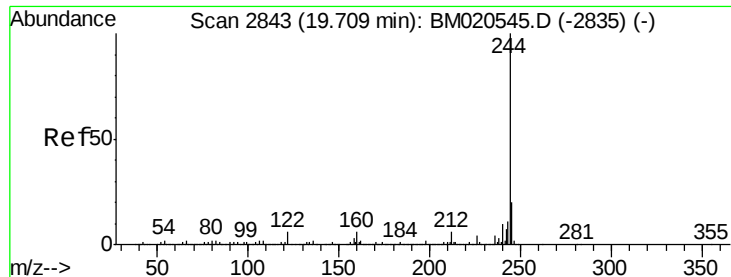
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion:240 Resp: 447704
Ion Ratio Lower Upper
240 100
120 5.0 4.1 6.1
236 24.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
300000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.506 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

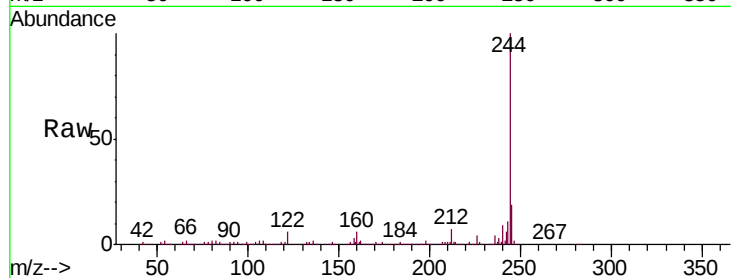
Tgt Ion:244 Resp: 1721348

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

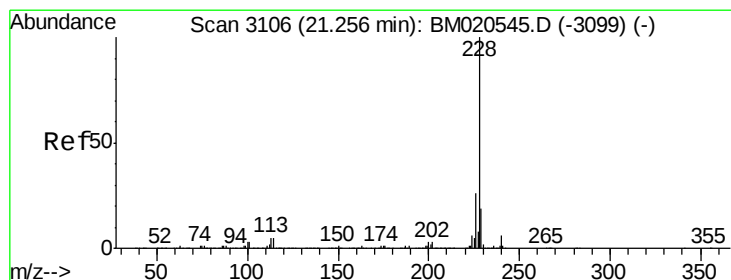
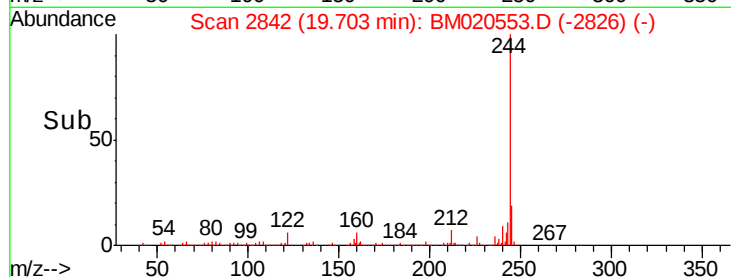
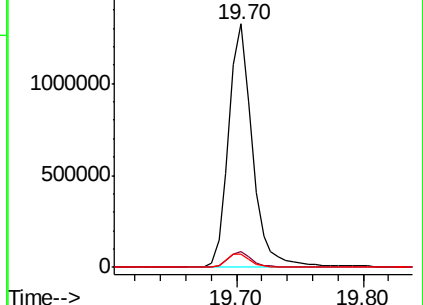
122 5.5 4.6 7.0



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



#81

Benzo(a)anthracene

Concen: 0.033 ng

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

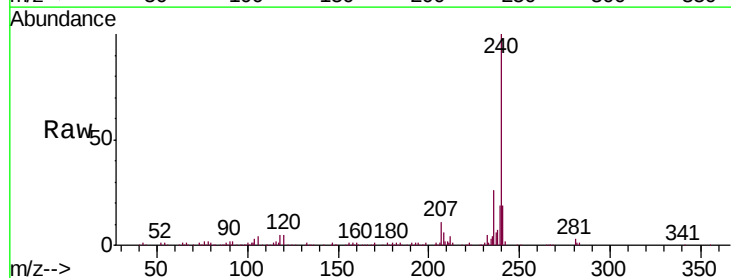
Tgt Ion:228 Resp: 1009

Ion Ratio Lower Upper

228 100

226 0.0 20.7 31.1#

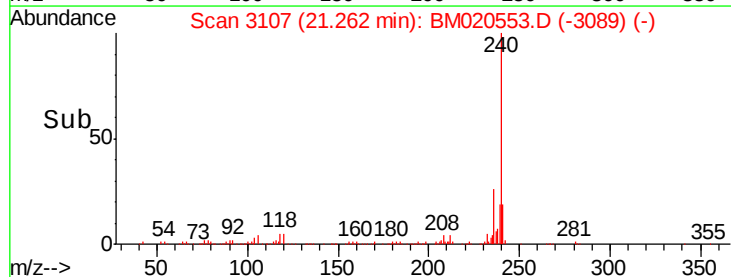
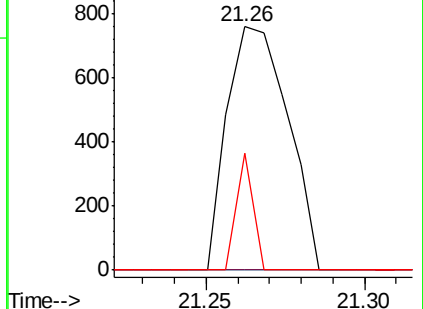
229 48.0 15.5 23.3#

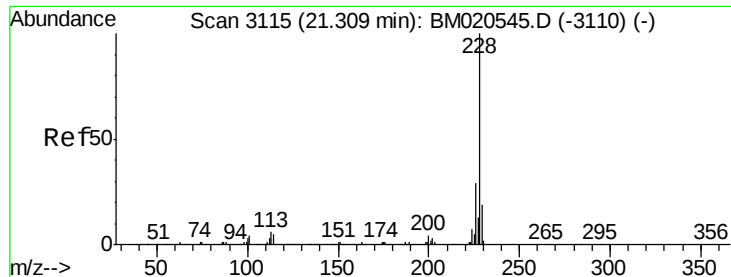


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.034 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.05 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

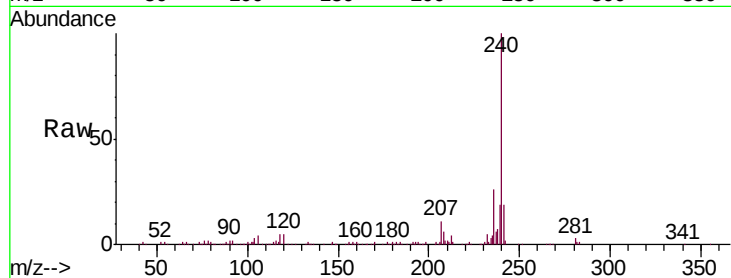
Tgt Ion: 228 Resp: 1009

Ion Ratio Lower Upper

228 100

226 0.0 22.9 34.3#

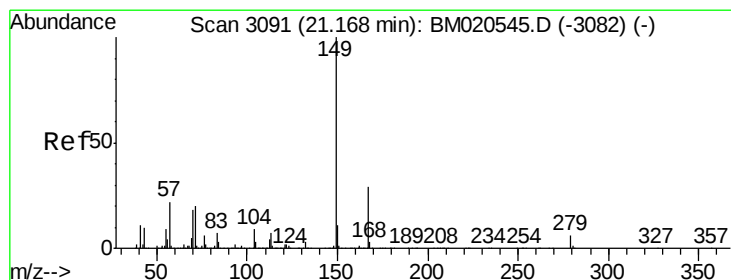
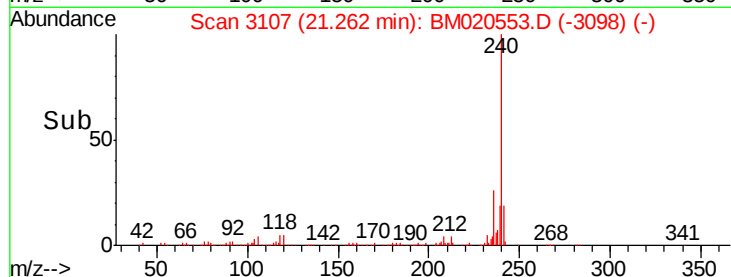
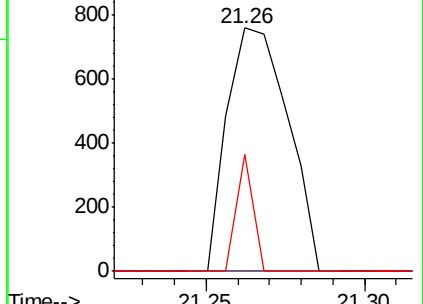
229 48.0 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

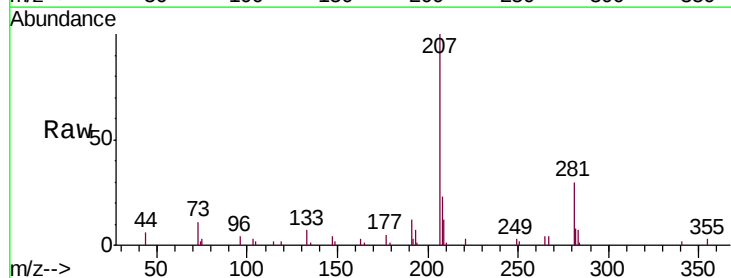
Tgt Ion: 149 Resp: 642

Ion Ratio Lower Upper

149 100

167 0.0 22.9 34.3#

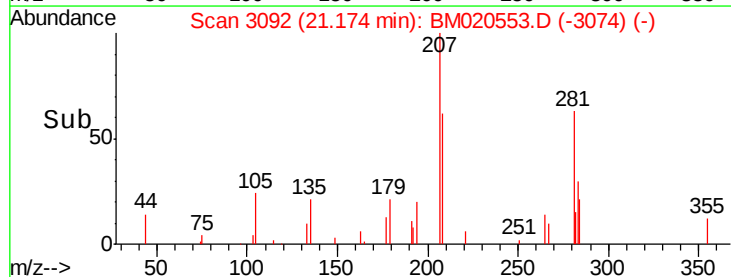
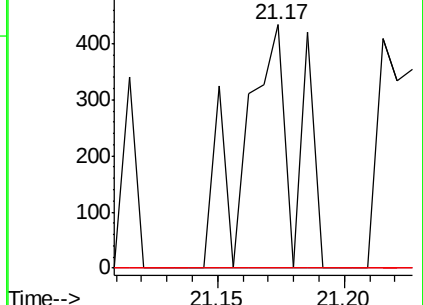
279 0.0 4.9 7.3#

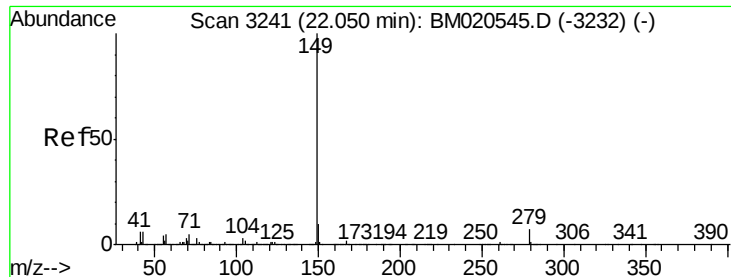


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

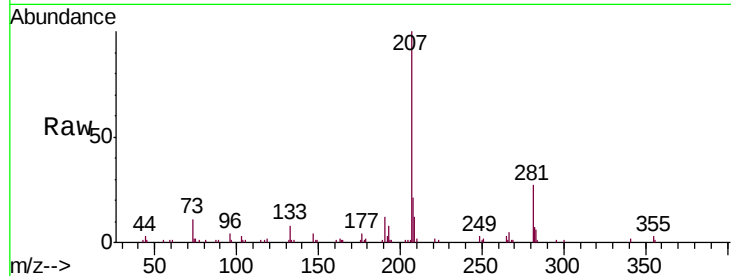
Tgt Ion:149 Resp: 178

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

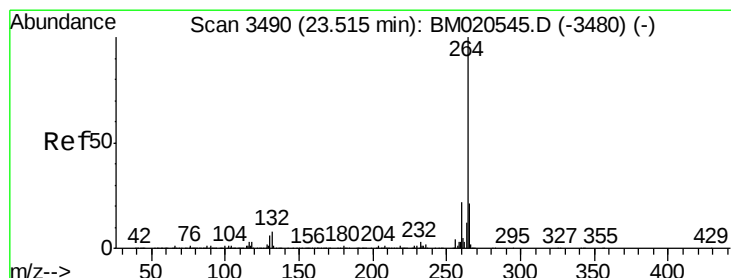
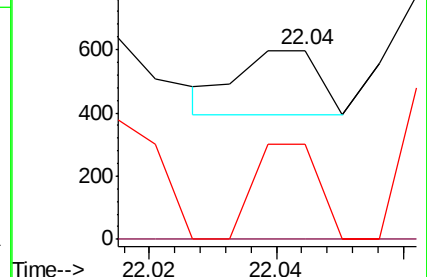
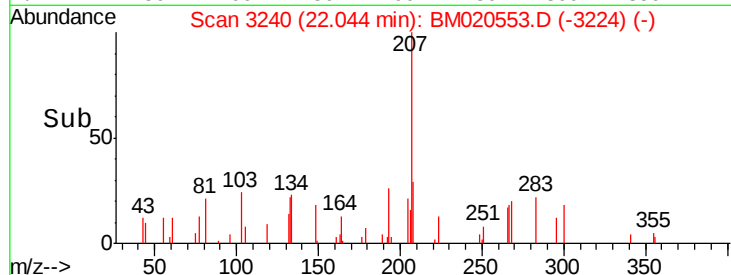
43 119.1 4.8 7.2#



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): BM0



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

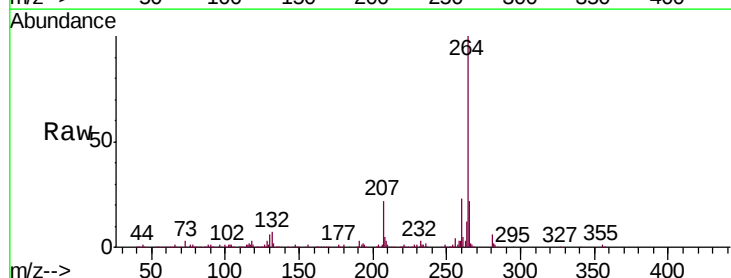
Tgt Ion:264 Resp: 517397

Ion Ratio Lower Upper

264 100

260 22.8 17.7 26.5

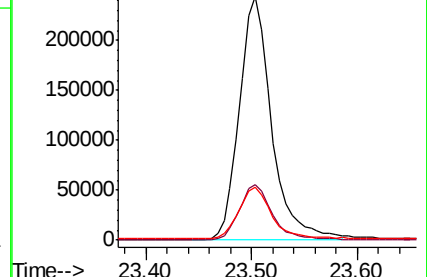
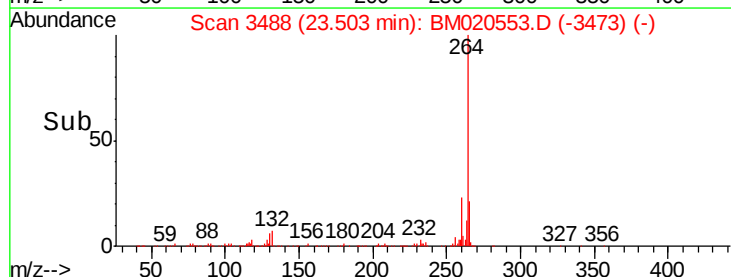
265 21.6 17.4 26.2

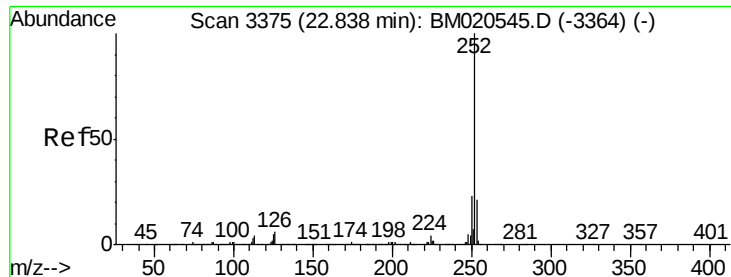


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

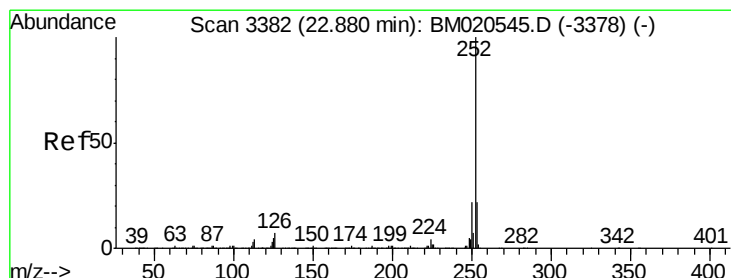
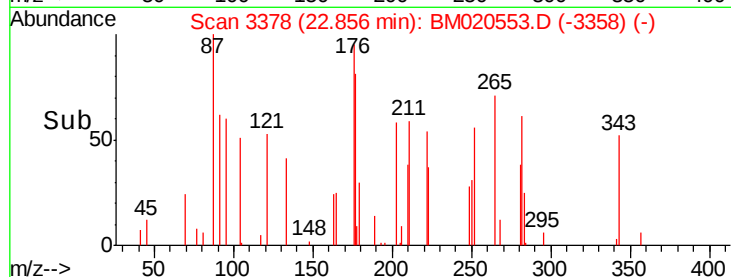
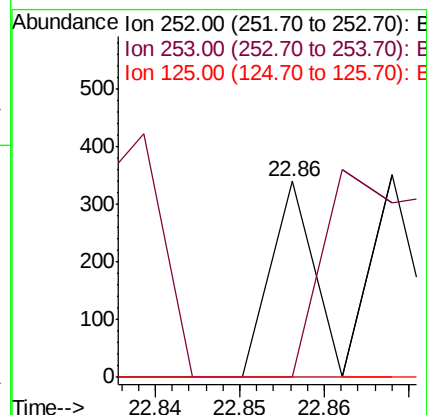
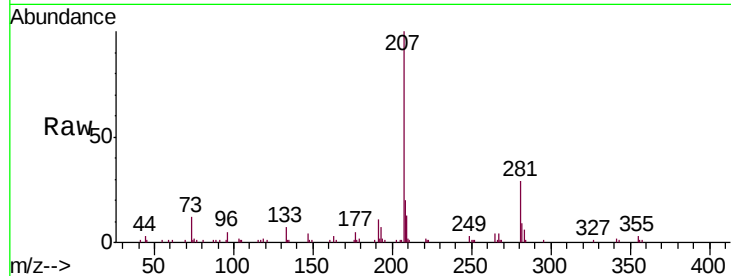




#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.86 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

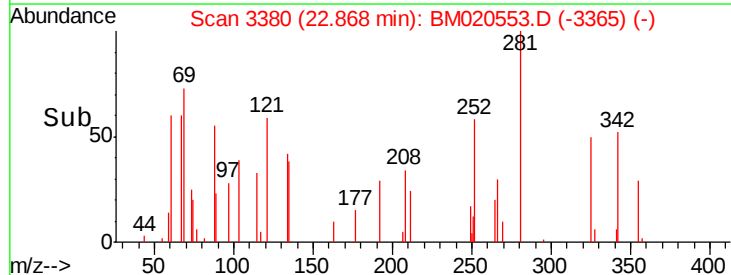
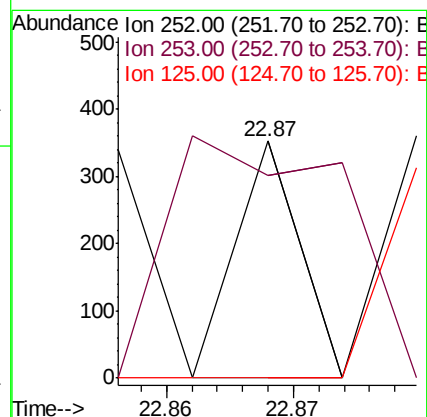
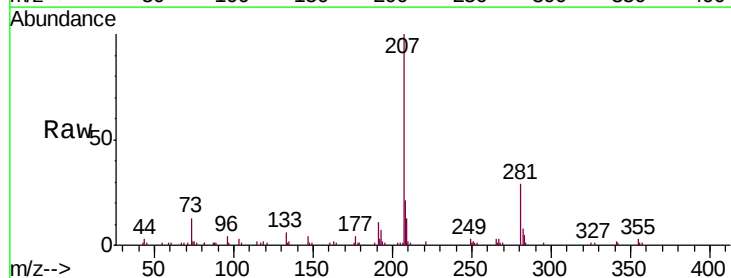
Instrument :
BNA_M
ClientSampleId :
PB119999BL

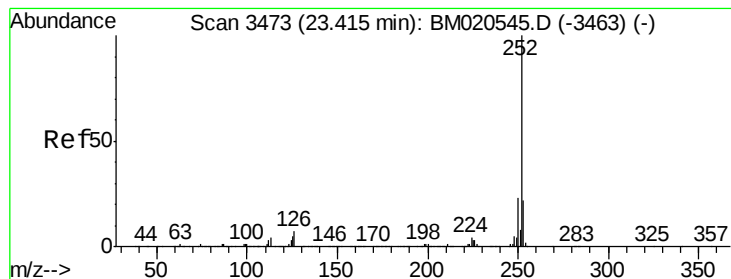
Tgt Ion:252 Resp: 120
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 3.8 5.8#



#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion:252 Resp: 124
Ion Ratio Lower Upper
252 100
253 85.8 17.6 26.4#
125 0.0 4.2 6.4#





#90

Benzo(a)pyrene

Concen: 0.008 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

Tgt Ion: 252 Resp: 240

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 4.2 6.4#

