

Data File : BM020560.D
Acq On : 25 May 2019 02:44
Operator : JU/SJ
Sample : PB119991BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119991BL

Quant Time: May 25 05:31:06 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	43912	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	137014	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	116988	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	335791	20.00	ng	0.00
76) Chrysene-d12	21.26	240	470495	20.00	ng	-0.01
87) Perylene-d12	23.50	264	541442	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	336765	150.45	ng	0.00
7) Phenol-d6	6.84	99	470574	139.29	ng	0.00
23) Nitrobenzene-d5	8.83	82	288351	88.33	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	326359	139.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	776094	83.24	ng	0.00
79) Terphenyl-d14	19.70	244	2218723	85.25	ng	0.00

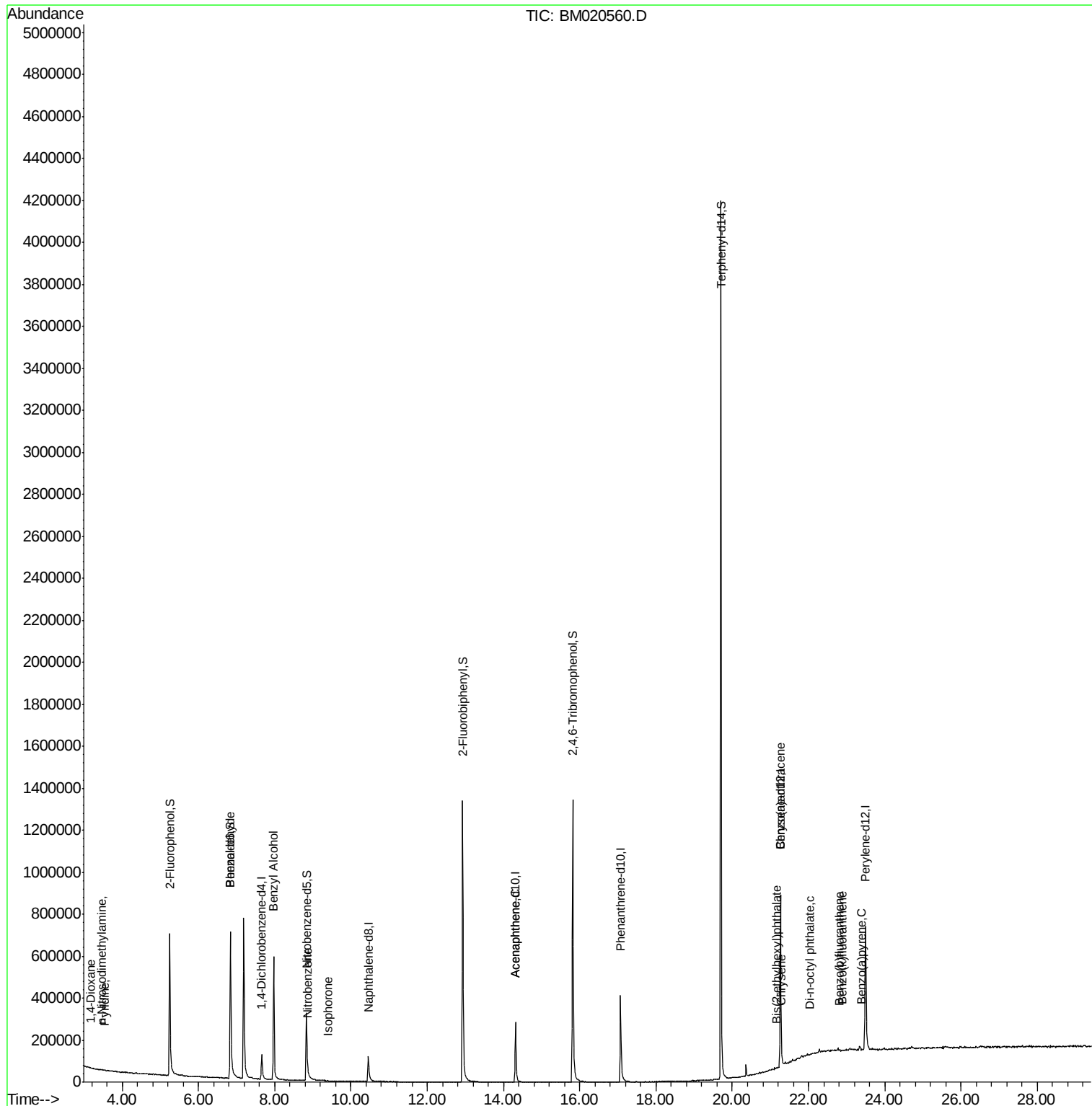
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	628	0.536	ng	# 10
3) Pyridine	3.54	79	733	1.418	ng	# 26
4) n-Nitrosodimethylamine	3.46	42	873	1.051	ng	# 1
9) Benzaldehyde	6.83	77	899	0.417	ng	# 8
15) Benzyl Alcohol	7.97	79	5481	1.753	ng	# 51
24) Nitrobenzene	8.87	77	116	0.036	ng	# 46
25) Isophorone	9.40	82	665	0.109	ng	# 68
52) Acenaphthene	14.32	154	121	0.017	ng	# 5
81) Benzo(a)anthracene	21.26	228	1275	0.039	ng	# 58
83) Chrysene	21.30	228	111	0.004	ng	# 51
84) Bis(2-ethylhexyl)phthalate	21.15	149	120	0.008	ng	# 52
85) Di-n-octyl phthalate	22.04	149	215	0.008	ng	# 1
88) Benzo(b)fluoranthene	22.80	252	113	0.003	ng	# 1
89) Benzo(k)fluoranthene	22.88	252	243	0.007	ng	# 9
90) Benzo(a)pyrene	23.40	252	229	0.007	ng	# 1

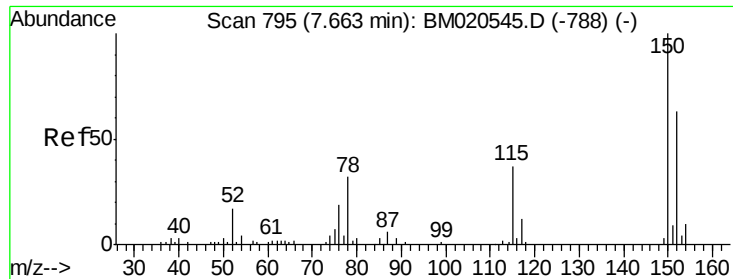
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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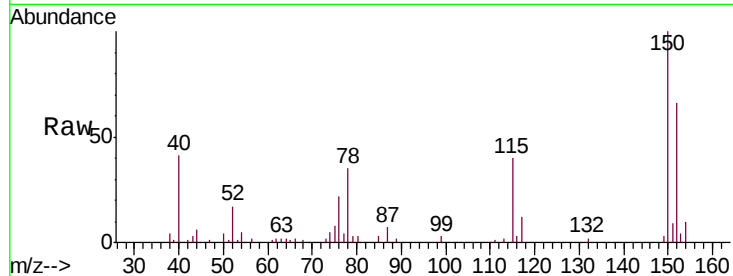


#1

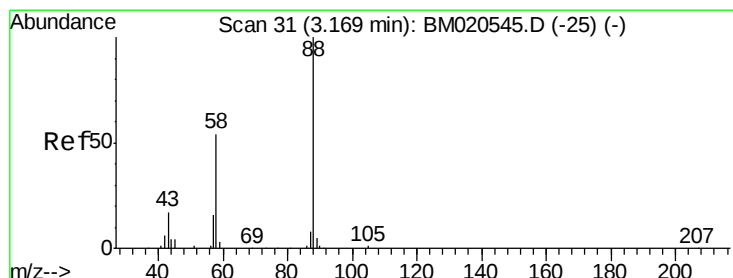
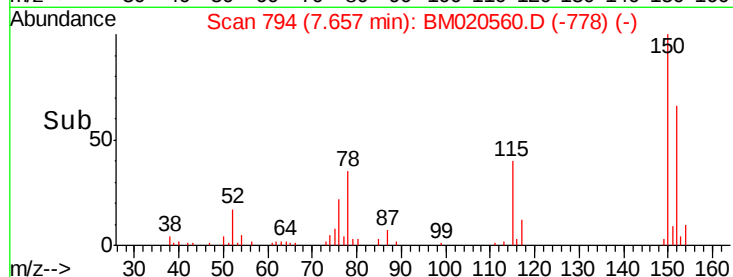
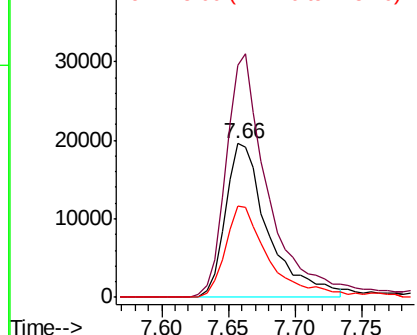
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Instrument :
BNA_M
ClientSampleId :
PB119991BL

Tgt Ion:152 Resp: 43912
Ion Ratio Lower Upper
152 100
150 150.8 126.6 190.0
115 59.6 46.6 70.0



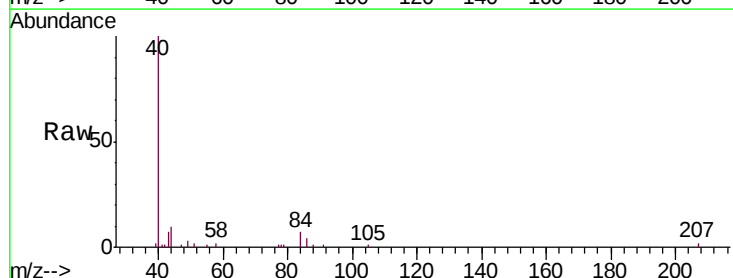
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



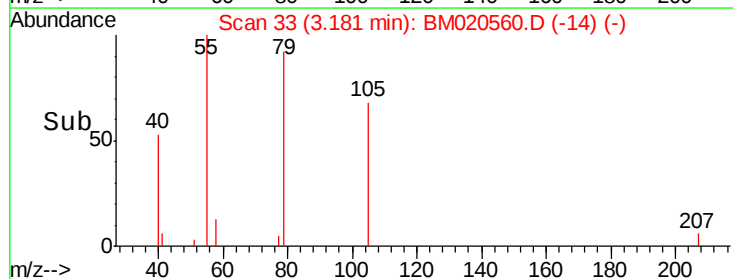
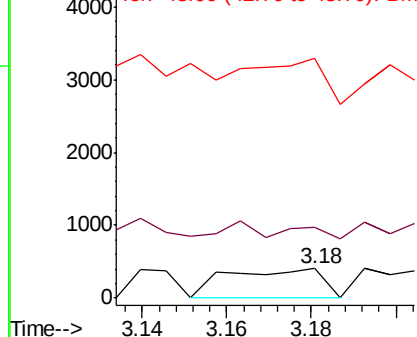
#2

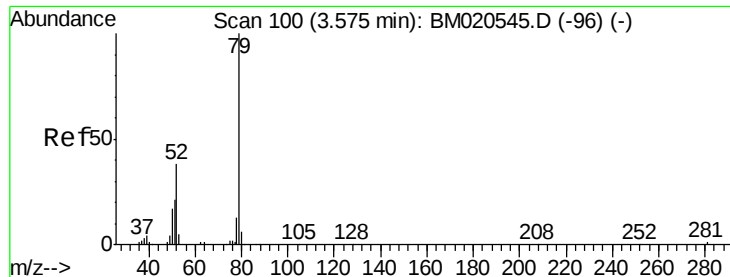
1,4-Dioxane
Concen: 0.536 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Tgt Ion: 88 Resp: 628
Ion Ratio Lower Upper
88 100
58 8.4 42.3 63.5#
43 94.1 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: 1.418 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.03 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

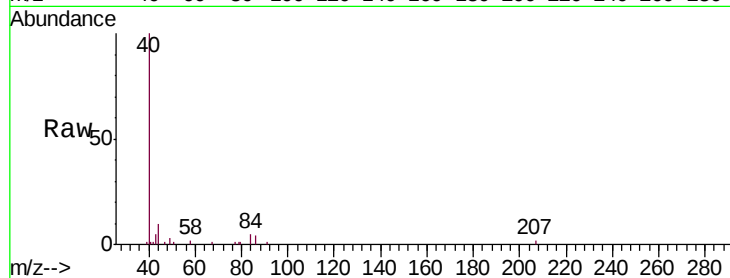
Tgt Ion: 79 Resp: 733

Ion Ratio Lower Upper

79 100

52 0.0 30.1 45.1#

51 67.2 17.8 26.8#

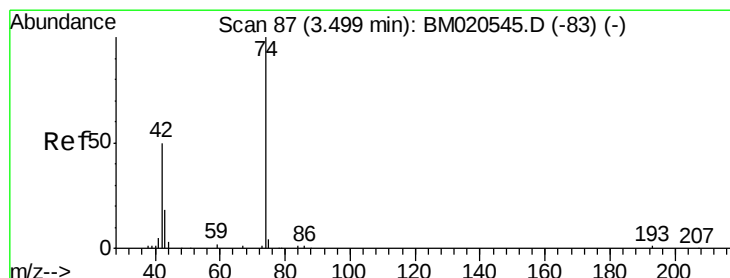
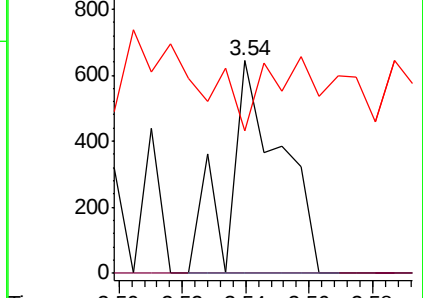
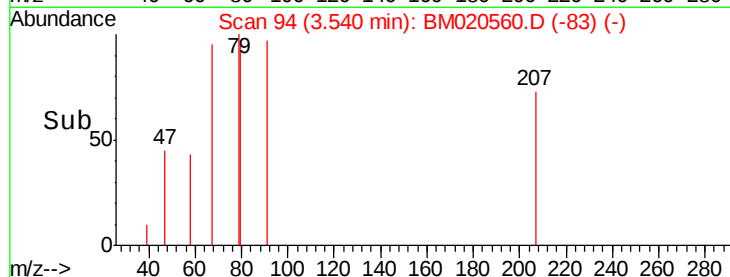


Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020545.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-96) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 1.051 ng

RT: 3.46 min Scan# 80

Delta R.T. -0.04 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

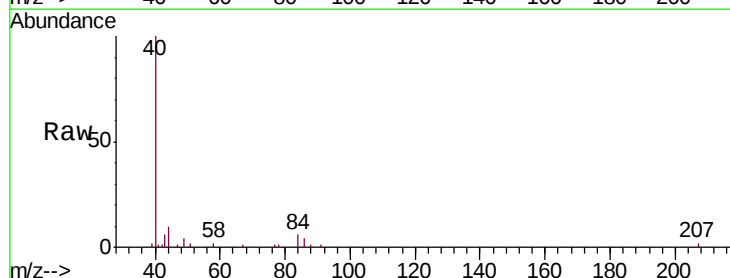
Tgt Ion: 42 Resp: 873

Ion Ratio Lower Upper

42 100

74 0.0 161.1 241.7#

44 916.6 20.9 31.3#

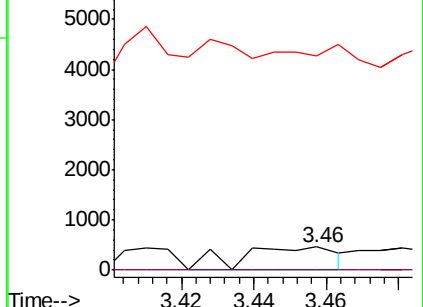
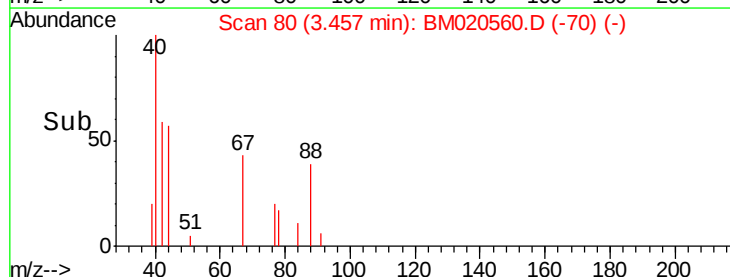


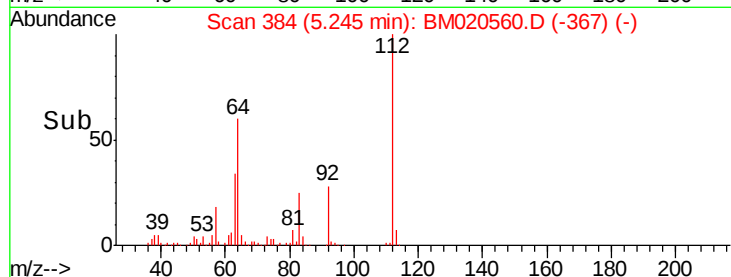
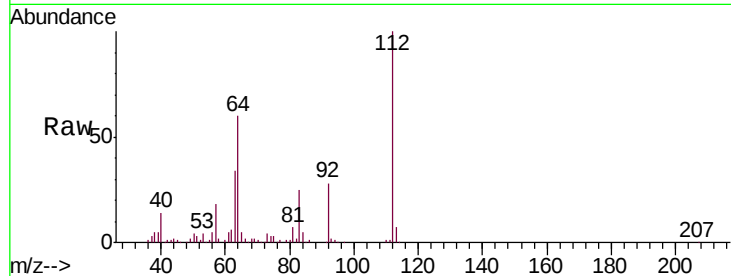
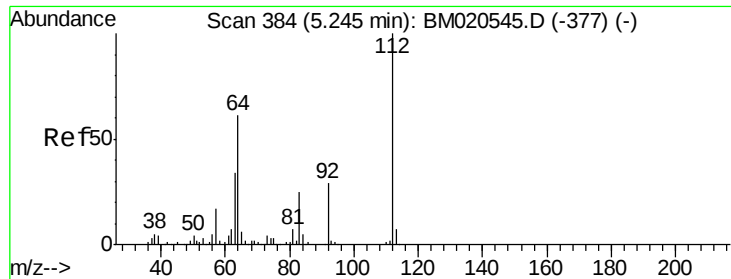
Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020545.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020545.D (-83) (-)

Time-->





#5

2-Fluorophenol

Concen: 150.453 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

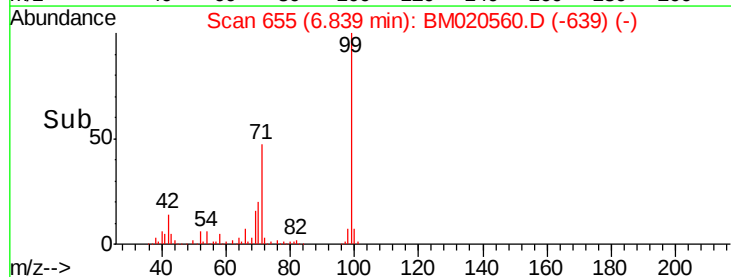
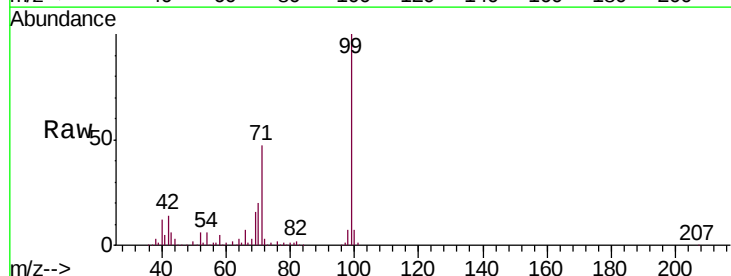
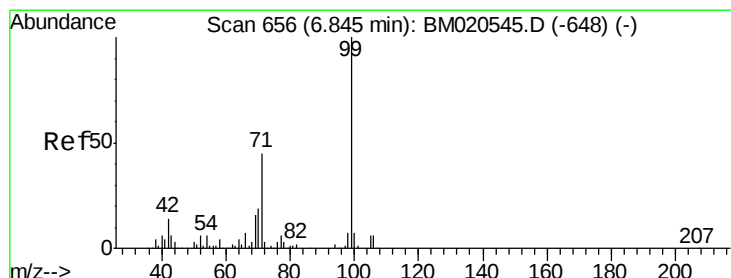
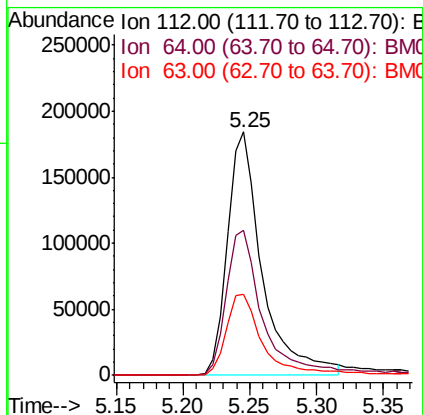
Tgt Ion:112 Resp: 336765

Ion Ratio Lower Upper

112 100

64 59.6 48.6 73.0

63 33.5 27.4 41.0



#7

Phenol-d6

Concen: 139.288 ng

RT: 6.84 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

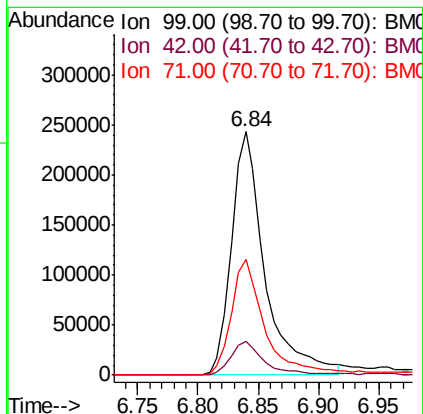
Tgt Ion: 99 Resp: 470574

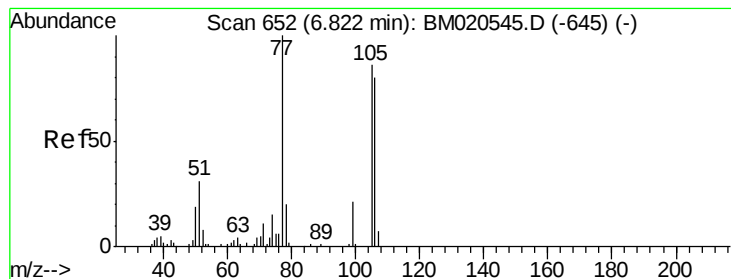
Ion Ratio Lower Upper

99 100

42 13.8 10.8 16.2

71 47.5 36.3 54.5





#9

Benzaldehyde

Concen: 0.417 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

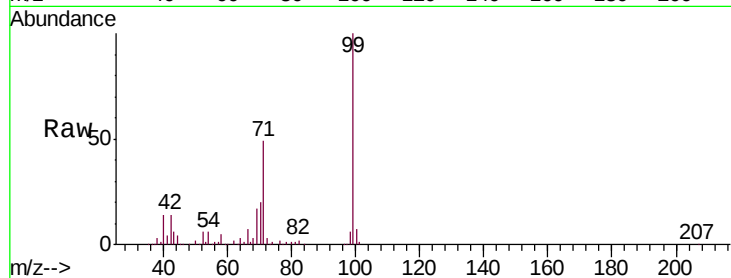
Tgt Ion: 77 Resp: 899

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): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)

6.83

600

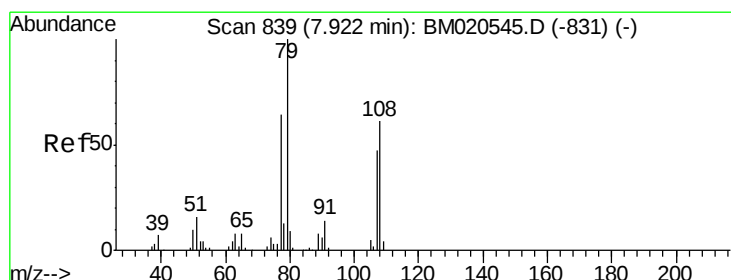
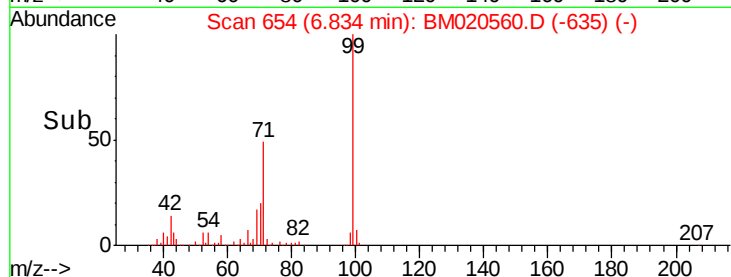
400

200

0

6.80 6.82 6.84 6.86 6.88

Time-->



#15

Benzyl Alcohol

Concen: 1.753 ng

RT: 7.97 min Scan# 848

Delta R.T. 0.05 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

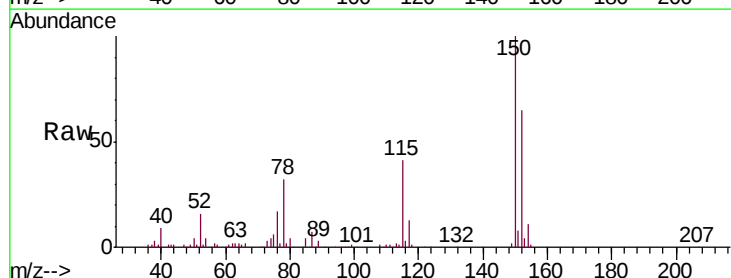
Tgt Ion: 79 Resp: 5481

Ion Ratio Lower Upper

79 100

108 35.0 48.5 72.7#

77 112.4 50.9 76.3#



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

Ion 108.00 (107.70 to 108.70): BM020545.D (-831) (-)

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

7.97

4000

3000

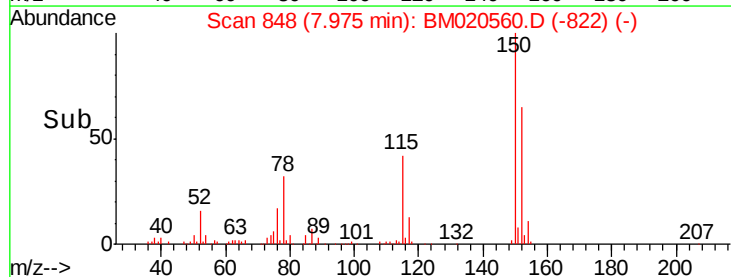
2000

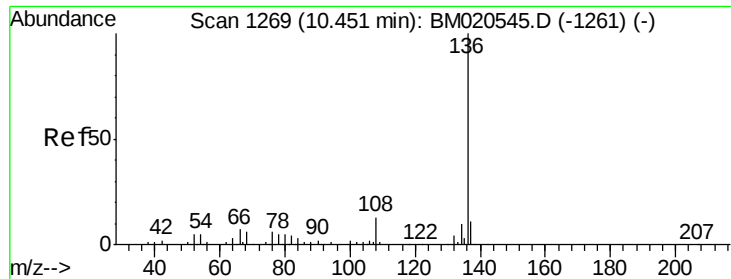
1000

0

7.92 7.94 7.96 7.98 8.00

Time-->

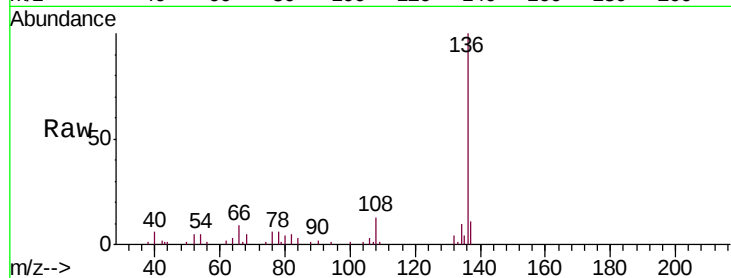




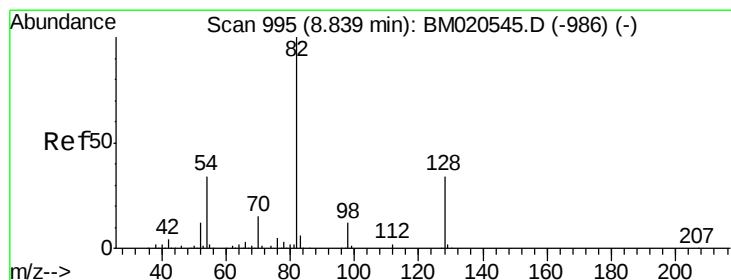
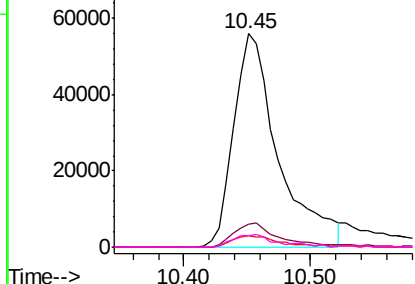
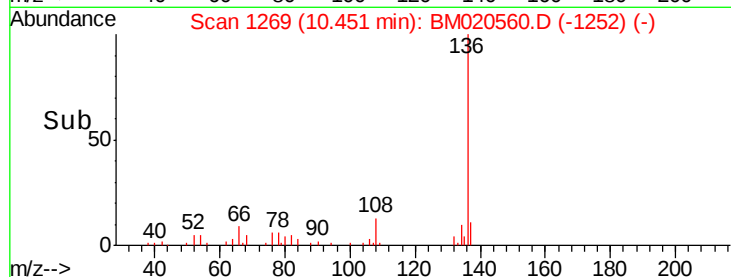
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

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Tgt Ion:	136	Resp:	137014
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	5.5	4.2	6.4
68	5.2	4.6	7.0

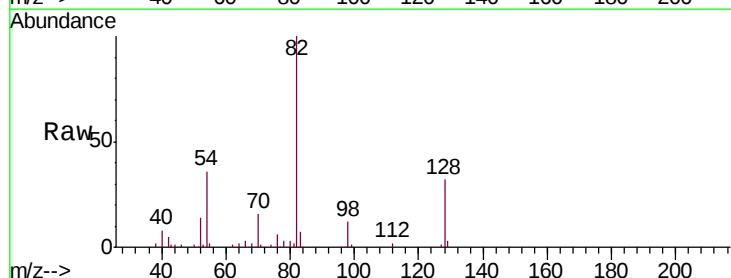


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

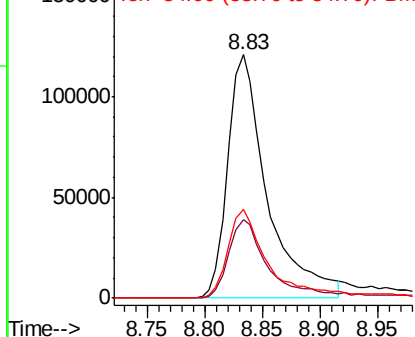
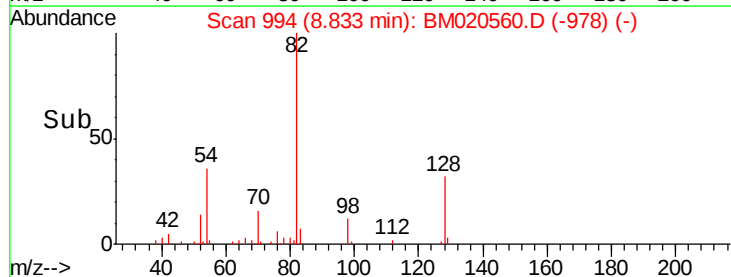


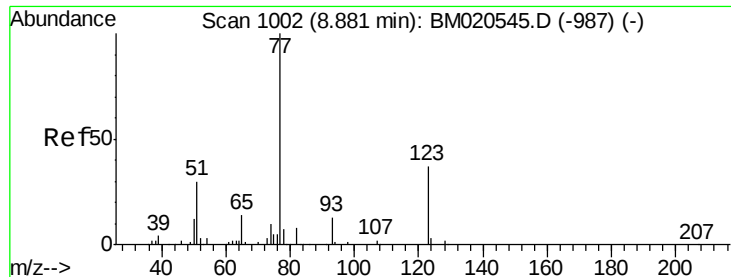
#23
Nitrobenzene-d5
Concen: 88.333 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Tgt Ion:	82	Resp:	288351
Ion	Ratio	Lower	Upper
82	100		
128	32.5	27.0	40.4
54	36.3	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

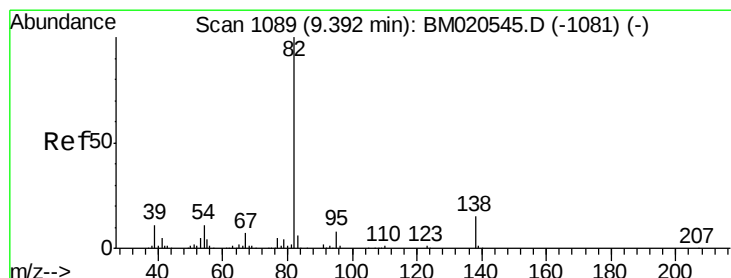
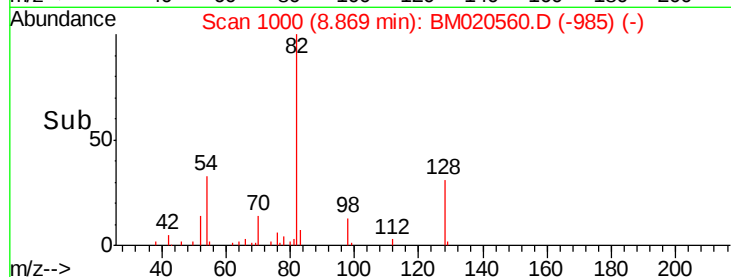
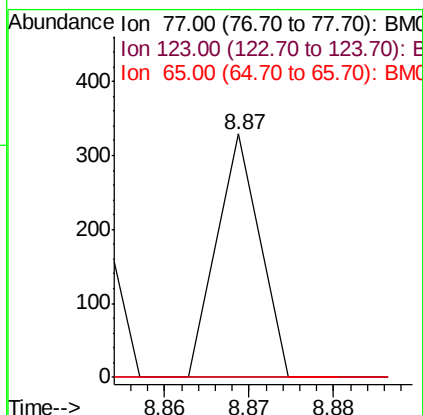
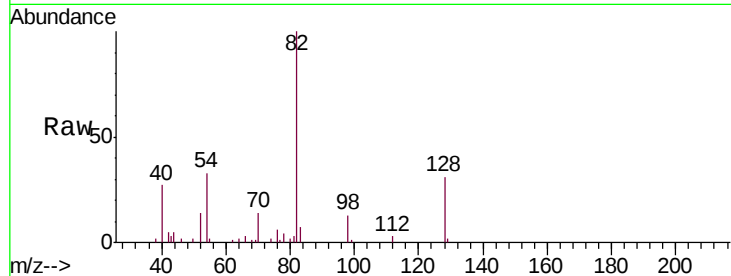




#24
Nitrobenzene
Concen: 0.036 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

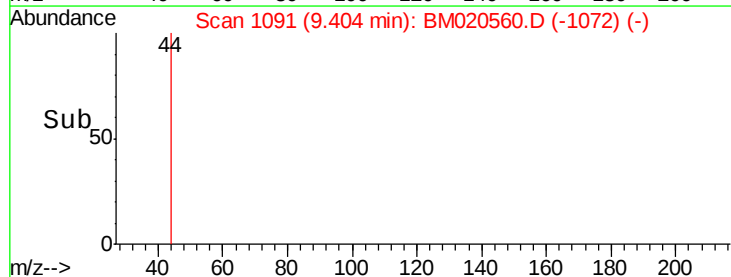
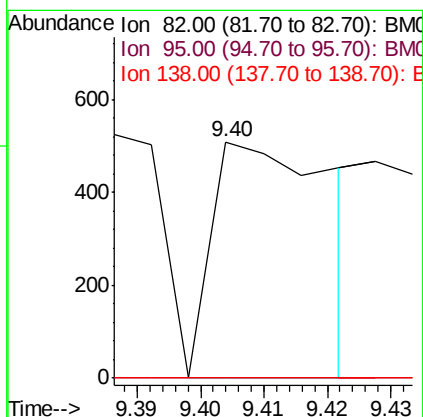
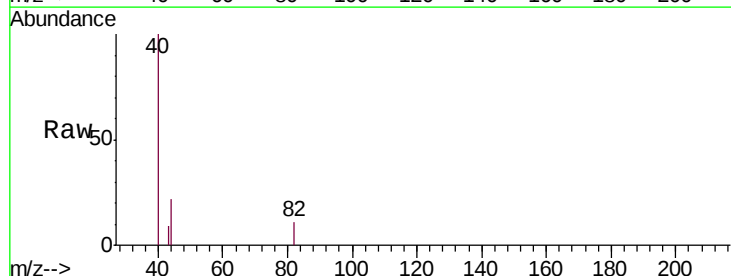
Instrument :
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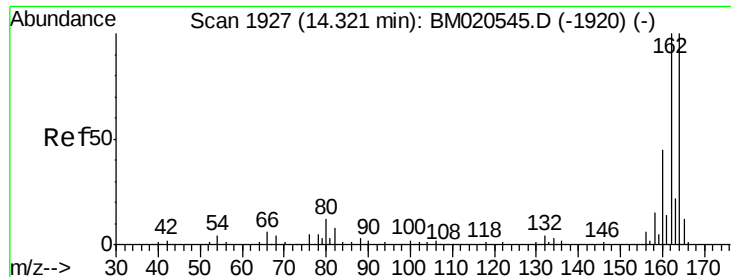
Tgt Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
123 0.0 29.4 44.2#
65 0.0 10.8 16.2#



#25
Isophorone
Concen: 0.109 ng
RT: 9.40 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Tgt Ion: 82 Resp: 665
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: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

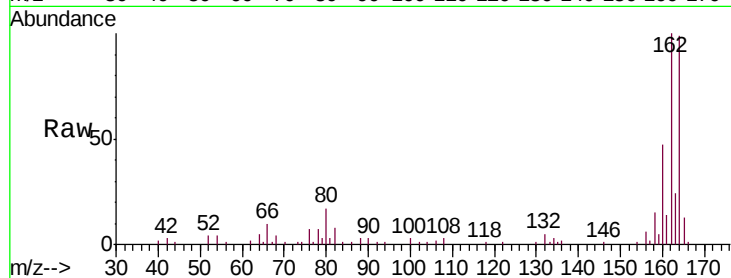
Tgt Ion:164 Resp: 116988

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

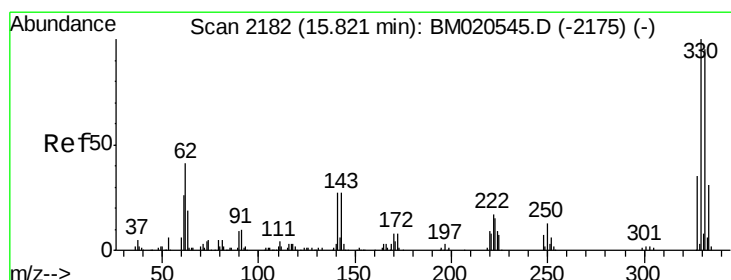
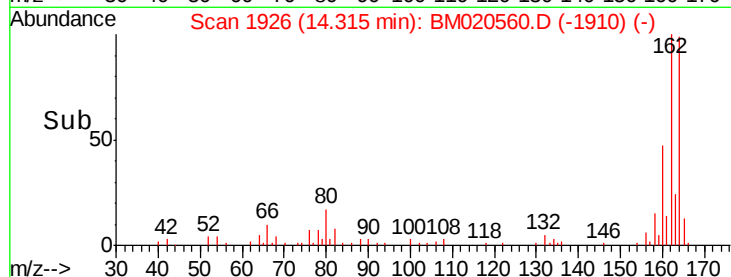
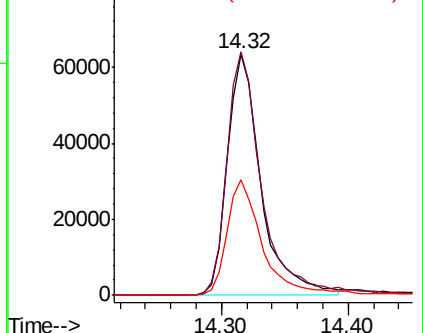
160 47.6 35.9 53.9



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: 139.243 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

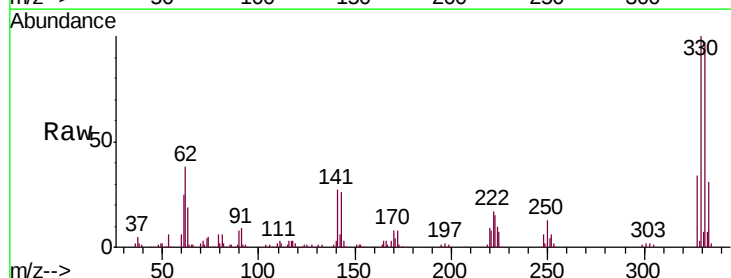
Tgt Ion:330 Resp: 326359

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

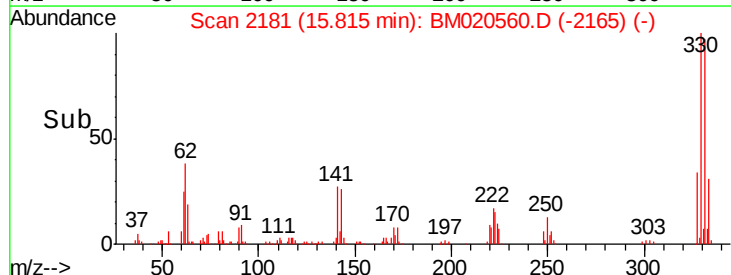
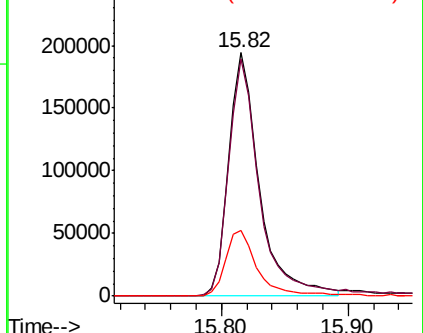
141 28.0 21.7 32.5

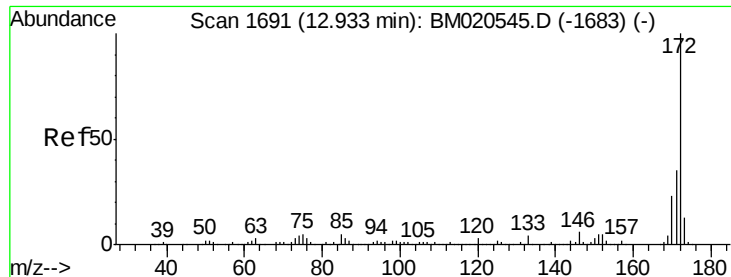


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

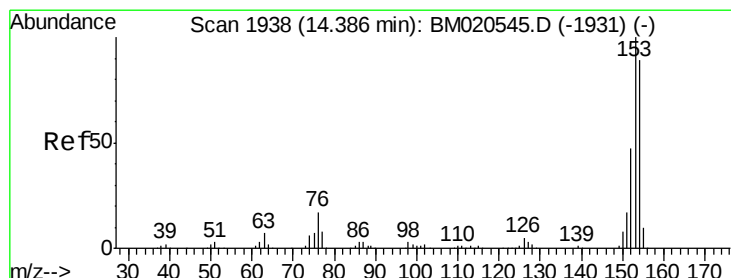
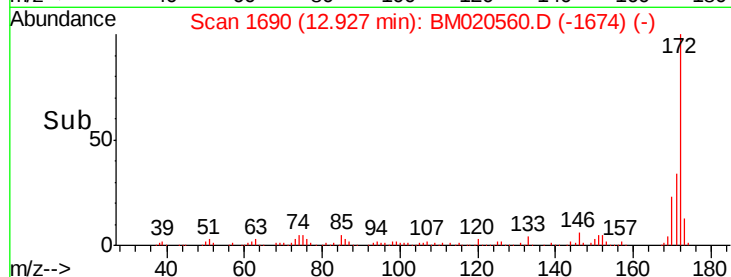
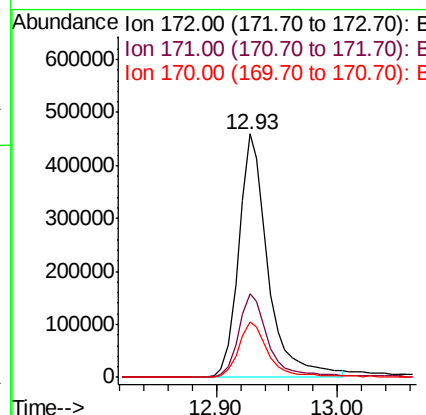
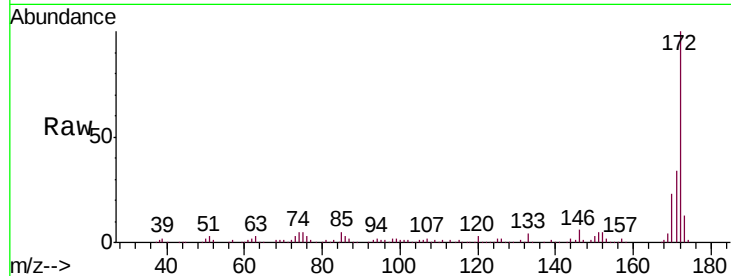




#45
2-Fluorobiphenyl
Concen: 83.243 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

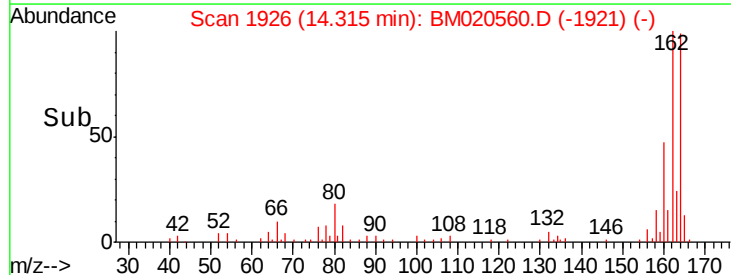
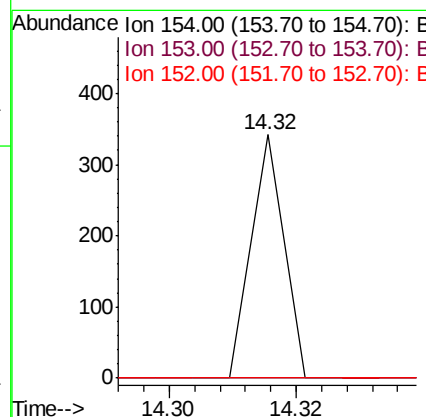
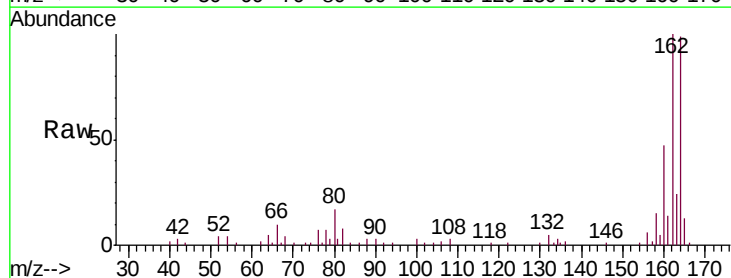
Instrument :
BNA_M
ClientSampleId :
PB119991BL

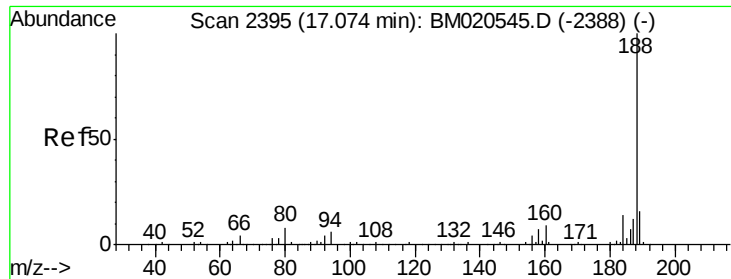
Tgt Ion:172 Resp: 776094
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.7 18.2 27.4



#52
Acenaphthene
Concen: 0.017 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.07 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Tgt Ion:154 Resp: 121
Ion Ratio Lower Upper
154 100
153 0.0 90.2 135.4#
152 0.0 42.0 63.0#

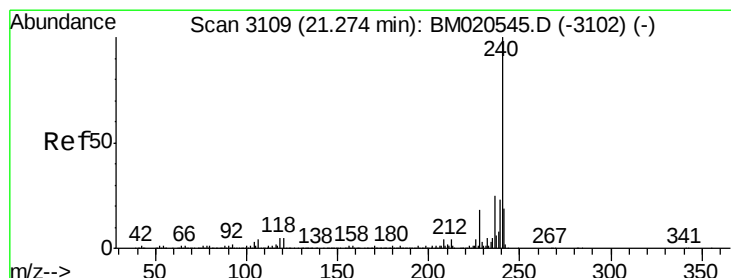
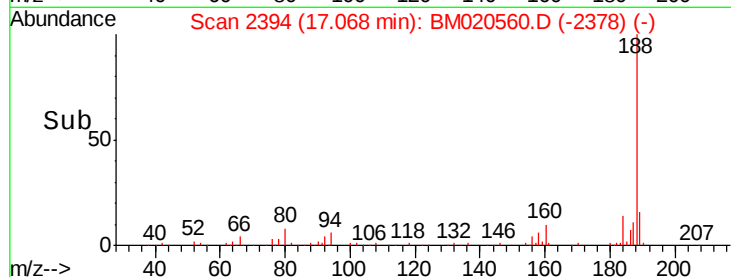
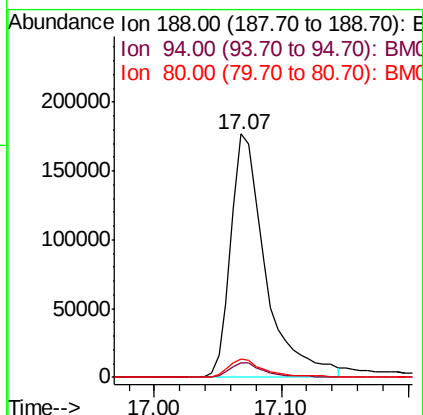
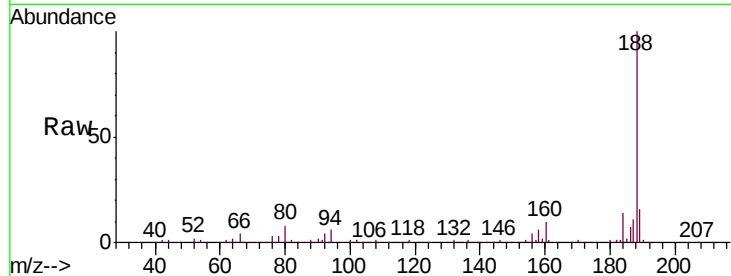




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

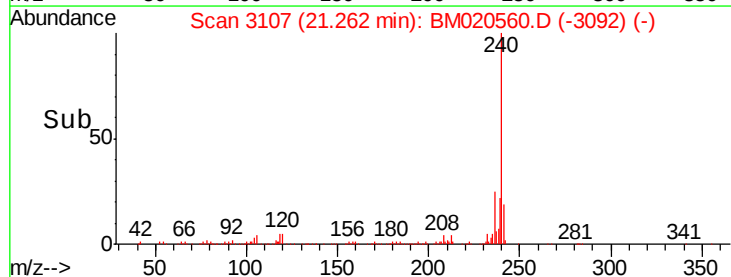
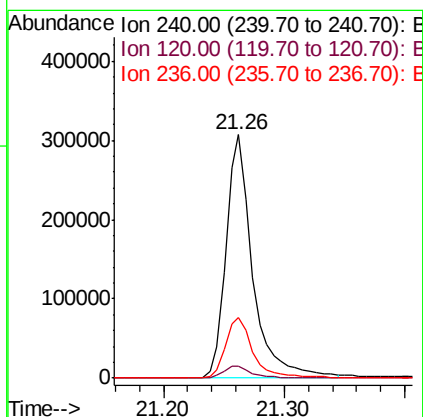
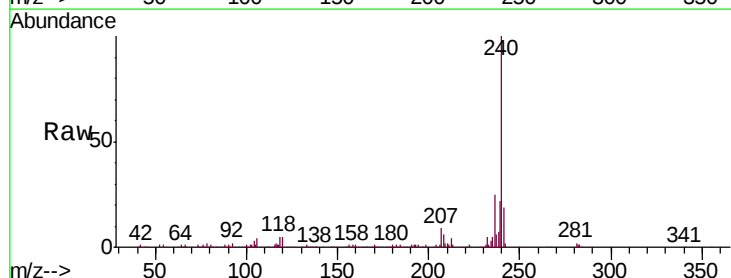
Instrument :
BNA_M
ClientSampleId :
PB119991BL

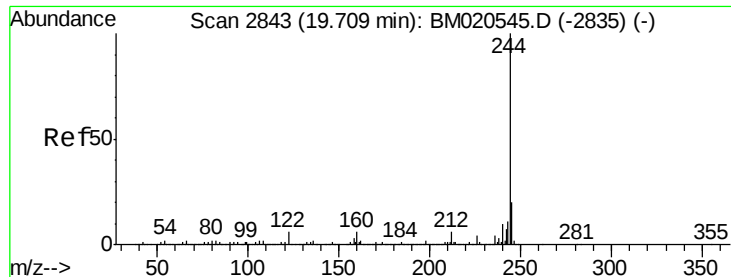
Tgt Ion:188 Resp: 335791
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 7.5 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020560.D
Acq: 25 May 2019 02:44

Tgt Ion:240 Resp: 470495
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 24.7 20.2 30.4

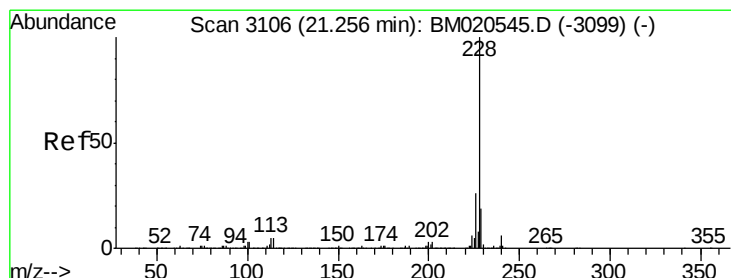
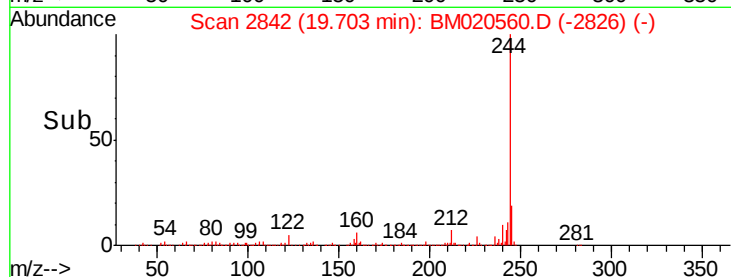
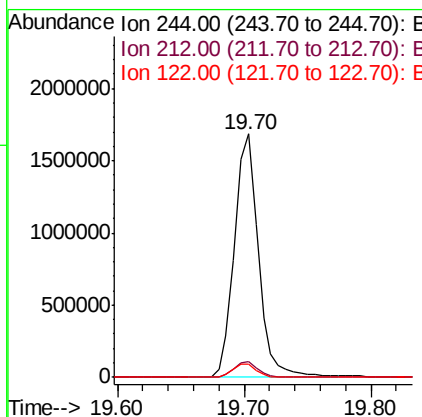
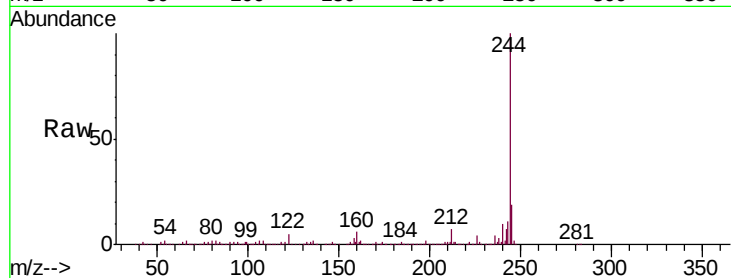




#79
 Terphenyl-d14
 Concen: 85.250 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020560.D
 Acq: 25 May 2019 02:44

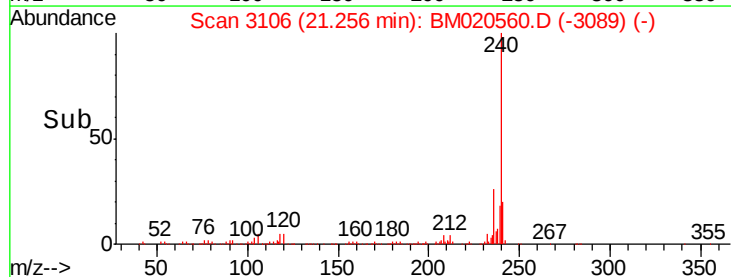
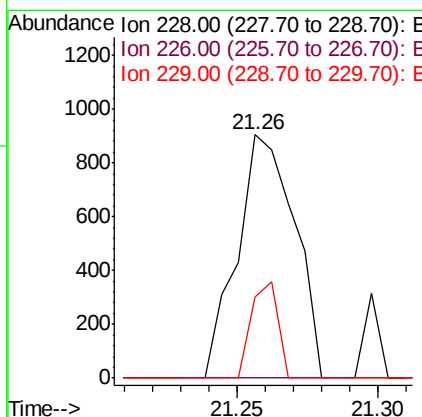
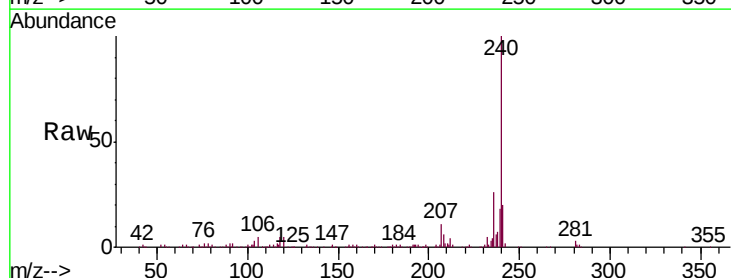
Instrument :
 BNA_M
 ClientSampleId :
 PB119991BL

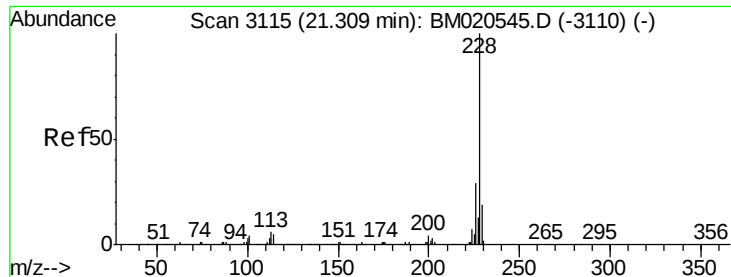
Tgt Ion:244 Resp: 2218723
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 5.4 4.6 7.0



#81
 Benzo(a)anthracene
 Concen: 0.039 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM020560.D
 Acq: 25 May 2019 02:44

Tgt Ion:228 Resp: 1275
 Ion Ratio Lower Upper
 228 100
 226 0.0 20.7 31.1#
 229 33.4 15.5 23.3#





#83

Chrysene

Concen: 0.004 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

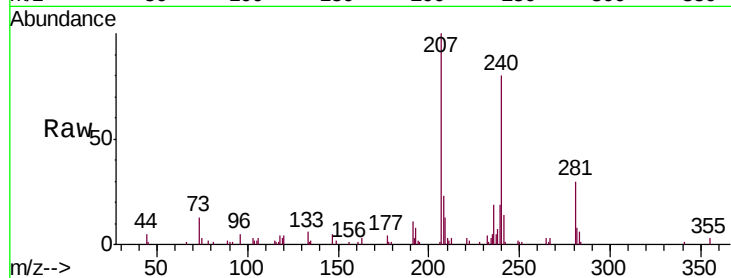
Tgt Ion:228 Resp: 111

Ion Ratio Lower Upper

228 100

226 0.0 22.9 34.3#

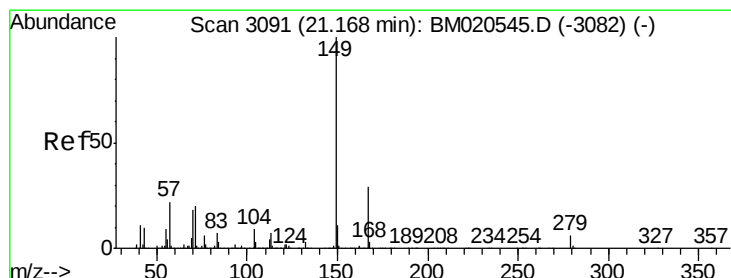
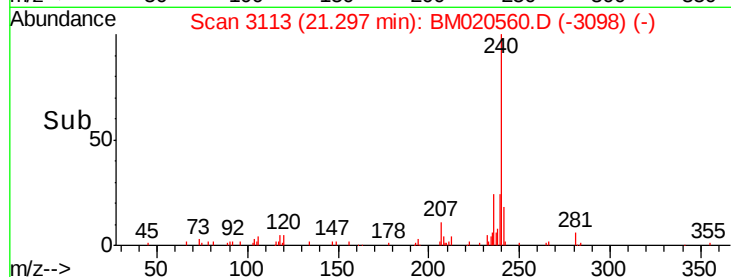
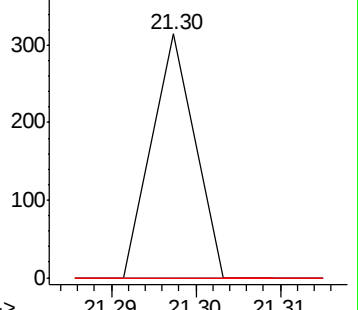
229 0.0 15.4 23.2#



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: 0.008 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

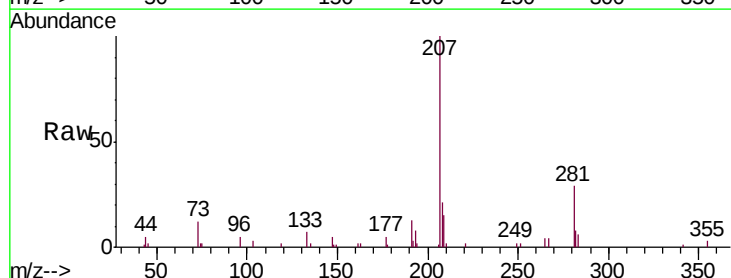
Tgt Ion:149 Resp: 120

Ion Ratio Lower Upper

149 100

167 0.0 22.9 34.3#

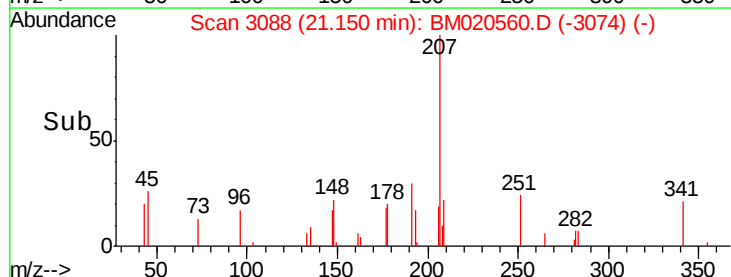
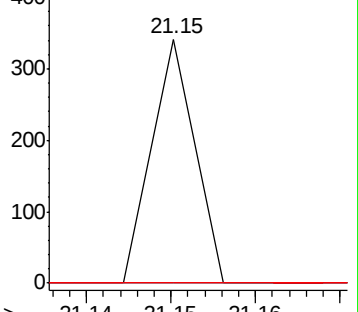
279 0.0 4.9 7.3#

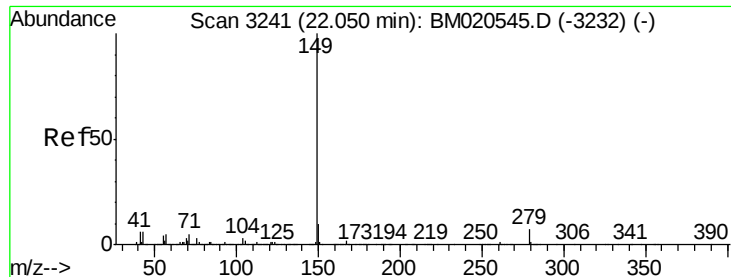


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

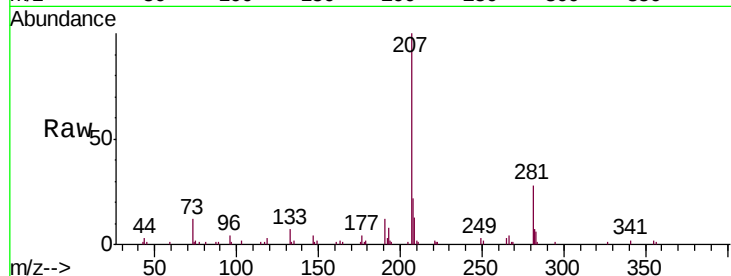
Tgt Ion:149 Resp: 215

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

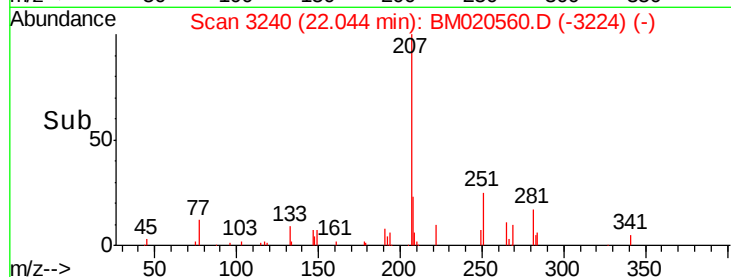
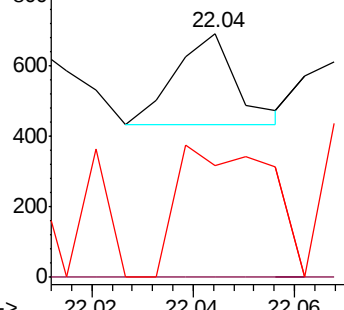
43 220.5 4.8 7.2#



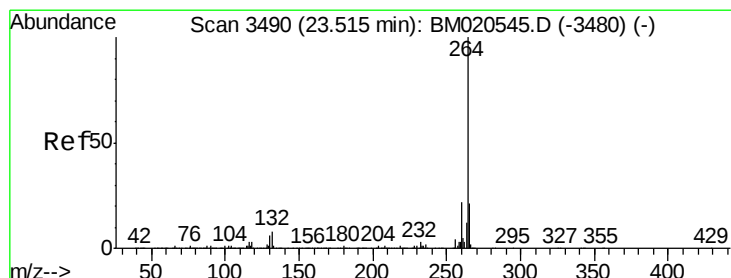
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.02 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

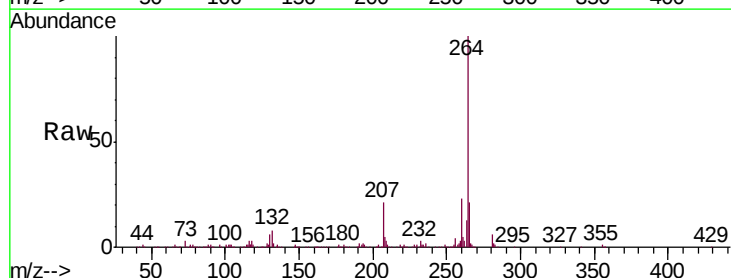
Tgt Ion:264 Resp: 541442

Ion Ratio Lower Upper

264 100

260 23.0 17.7 26.5

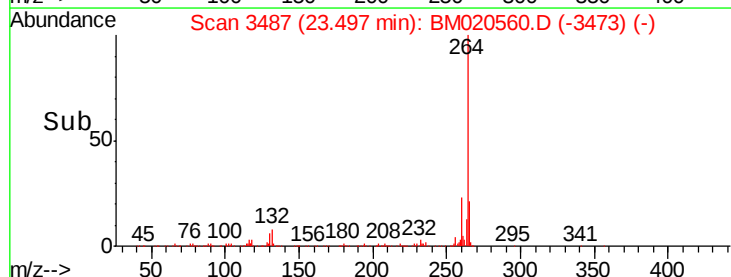
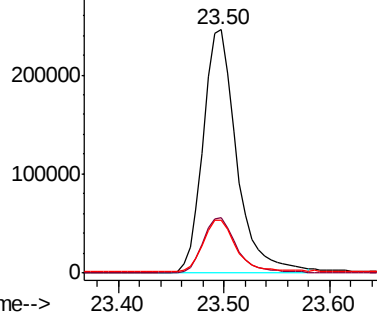
265 21.5 17.4 26.2



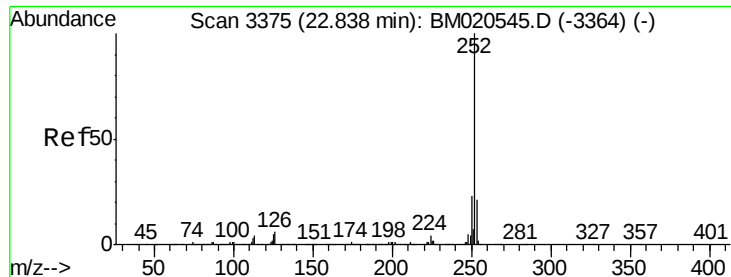
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL

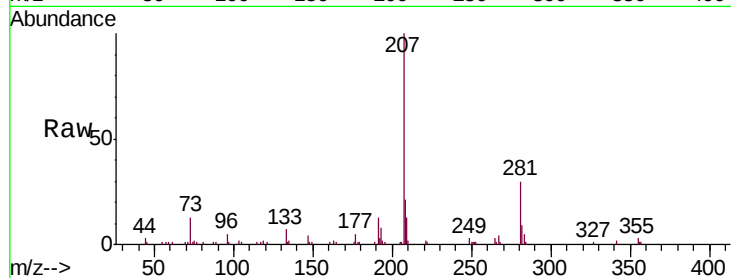
Tgt Ion:252 Resp: 113

Ion Ratio Lower Upper

252 100

253 102.5 17.1 25.7#

125 0.0 3.8 5.8#

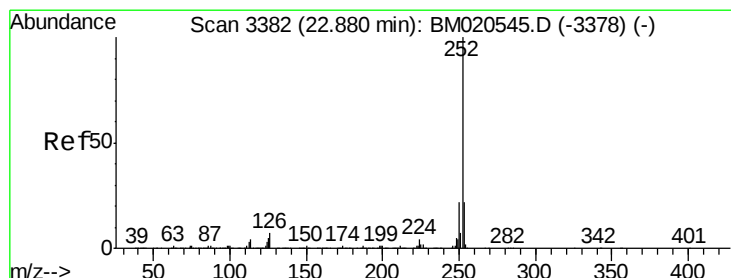
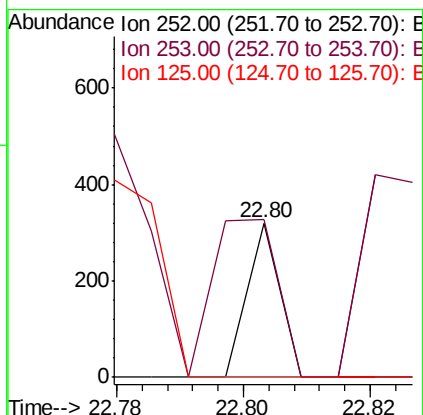
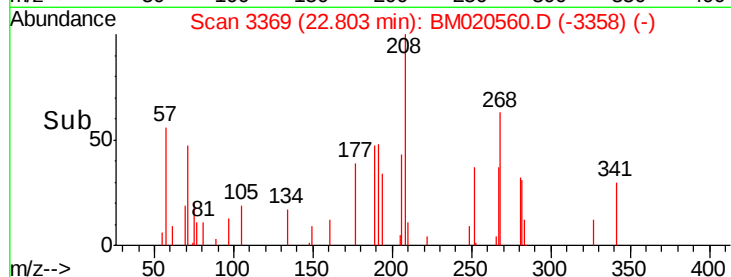


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 22.78 22.80 22.82



#89

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 22.88 min Scan# 3382

Delta R.T. 0.00 min

Lab File: BM020560.D

Acq: 25 May 2019 02:44

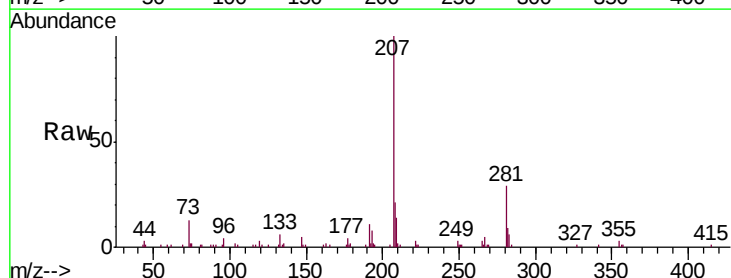
Tgt Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

125 96.9 4.2 6.4#

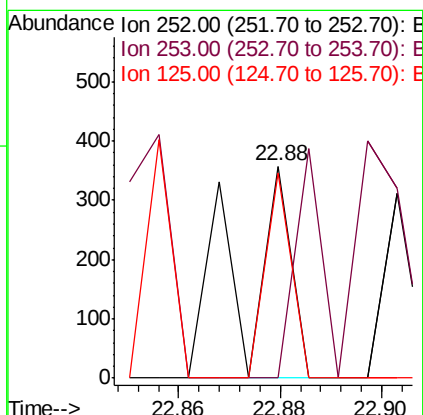
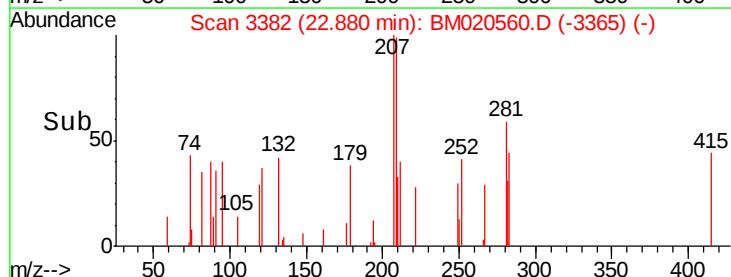


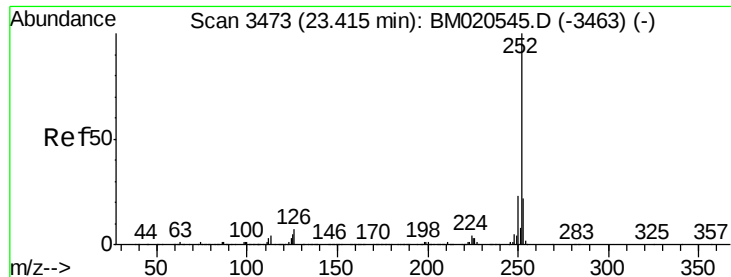
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 22.86 22.88 22.90





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM020560.D

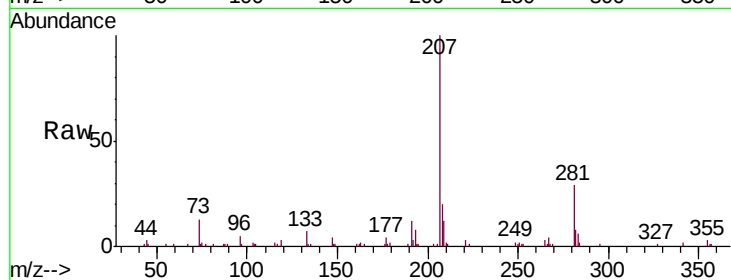
Acq: 25 May 2019 02:44

Instrument :

BNA_M

ClientSampleId :

PB119991BL



Tgt Ion:	252	Resp:	229
Ion	Ratio	Lower	Upper
252	100		
253	100.9	17.4	26.2#
125	0.0	4.2	6.4#

