

Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3-S

Quant Time: May 25 05:31:29 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	68117	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	235360	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	182223	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	564833	20.00	ng	0.00
76) Chrysene-d12	21.26	240	537811	20.00	ng	-0.01
87) Perylene-d12	23.50	264	521694	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	391758	112.83	ng	0.00
7) Phenol-d6	6.84	99	555022	105.91	ng	0.00
23) Nitrobenzene-d5	8.83	82	357962	63.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	387938	106.26	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	661761	45.57	ng	0.00
79) Terphenyl-d14	19.70	244	1669543	56.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	193	0.106	ng	# 1
3) Pyridine	3.60	79	126	1.235	ng	# 1
4) n-Nitrosodimethylamine	3.50	42	366	0.284	ng	# 1
9) Benzaldehyde	6.84	77	6882	2.057	ng	# 62
10) Phenol	6.86	94	10381	1.834	ng	# 15
15) Benzyl Alcohol	7.97	79	6025	1.242	ng	# 50
20) 3+4-Methylphenols	8.50	107	282	0.056	ng	# 20
24) Nitrobenzene	8.83	77	1576	0.285	ng	# 46
25) Isophorone	9.33	82	521	0.050	ng	# 68
31) Naphthalene	10.50	128	17660	1.453	ng	99
37) 2-Methylnaphthalene	12.13	142	4560	0.491	ng	93
38) 1-Methylnaphthalene	12.35	142	3761	0.418	ng	# 79
46) 1,1'-Biphenyl	13.14	154	2713	0.193	ng	85
49) Acenaphthylene	14.04	152	15705	0.868	ng	# 90
50) Dimethylphthalate	13.78	163	72241	4.476	ng	99
52) Acenaphthene	14.38	154	10350	0.949	ng	96
55) Dibenzofuran	14.72	168	14250	0.755	ng	# 91
58) Fluorene	15.37	166	21905	1.398	ng	92
60) Diethylphthalate	15.15	149	134	0.008	ng	# 56
63) Azobenzene	15.66	77	1296	0.084	ng	# 1
66) n-Nitrosodiphenylamine	15.57	169	1735	0.113	ng	# 79
71) Phenanthrene	17.11	178	311456	10.150	ng	99
72) Anthracene	17.20	178	82722	2.780	ng	99
73) Carbazole	17.49	167	24257	0.950	ng	# 90
74) Di-n-butylphthalate	18.03	149	2428	0.077	ng	# 45
75) Fluoranthene	19.15	202	1129539	26.471	ng	99
77) Benzidine	19.33	184	662	0.067	ng	# 1
78) Pyrene	19.50	202	1149383	34.042	ng	99
80) Butylbenzylphthalate	20.39	149	238	0.020	ng	# 1
81) Benzo(a)anthracene	21.25	228	1067596	28.682	ng	96
82) 3,3'-Dichlorobenzidine	21.19	252	468	0.034	ng	# 75
83) Chrysene	21.30	228	888686	24.708	ng	95
84) Bis(2-ethylhexyl)phthalate	21.16	149	2978	0.172	ng	# 6
85) Di-n-octyl phthalate	22.04	149	1153	0.038	ng	# 1

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\
Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

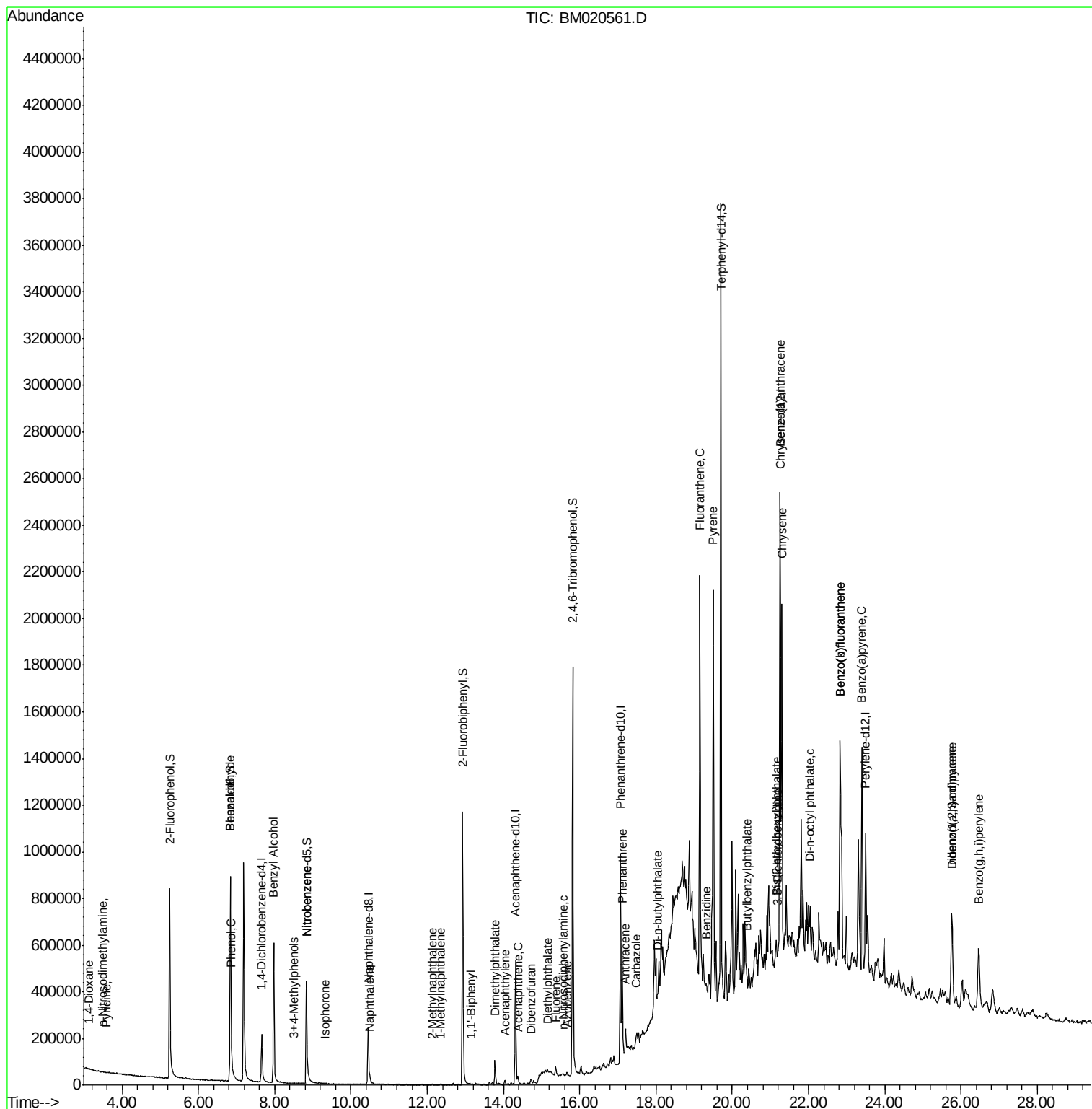
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.76	276	423416	9.736	ng	96
88) Benzo(b)fluoranthene	22.83	252	1332615	39.027	ng #	97
89) Benzo(k)fluoranthene	22.83	252	1352187	40.803	ng	98
90) Benzo(a)pyrene	23.40	252	801698	25.514	ng	99
91) Dibenzo(a,h)anthracene	25.76	278	120989	3.762	ng #	87
92) Benzo(g,h,i)perylene	26.46	276	386042	12.948	ng	96

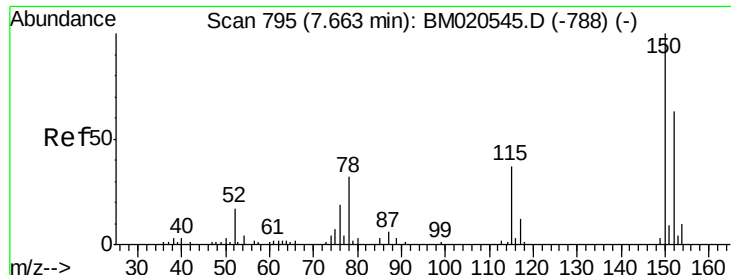
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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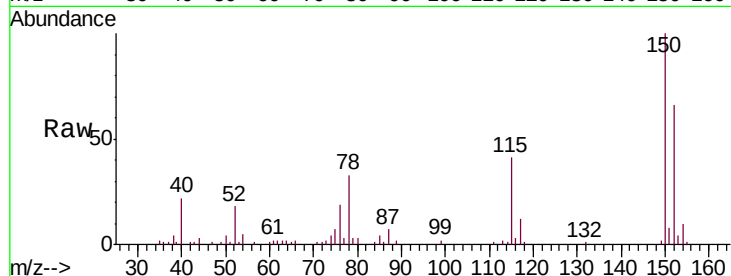


#1

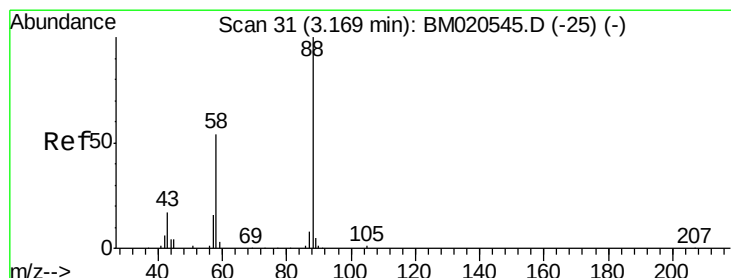
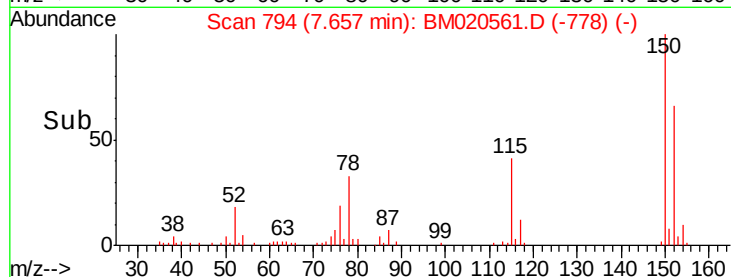
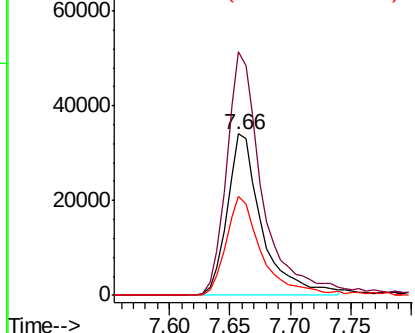
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 68117
Ion Ratio Lower Upper
152 100
150 151.0 126.6 190.0
115 61.3 46.6 70.0



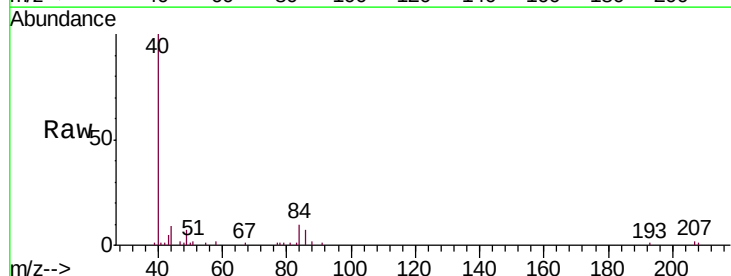
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



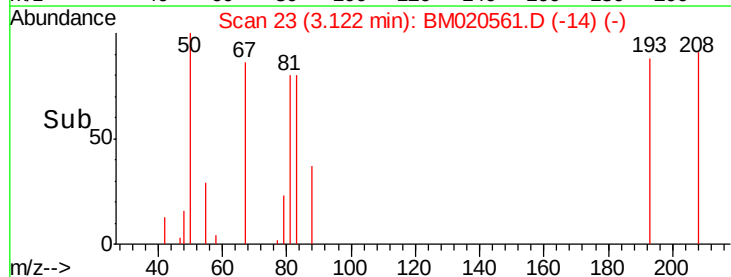
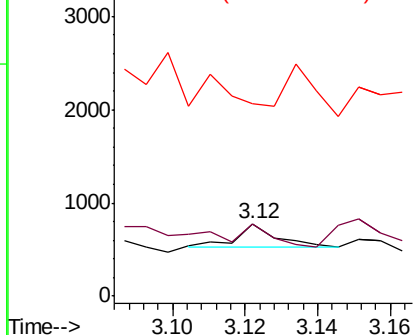
#2

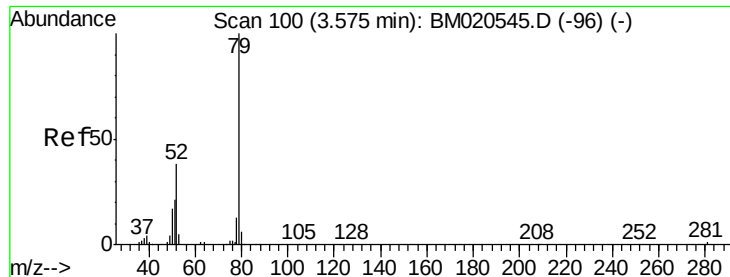
1,4-Dioxane
Concen: 0.106 ng
RT: 3.12 min Scan# 23
Delta R.T. -0.05 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
58 0.0 42.3 63.5#
43 154.9 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: 1.235 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.02 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

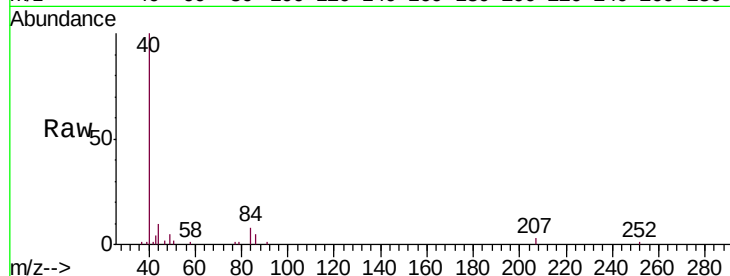
Tgt Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 0.0 30.1 45.1#

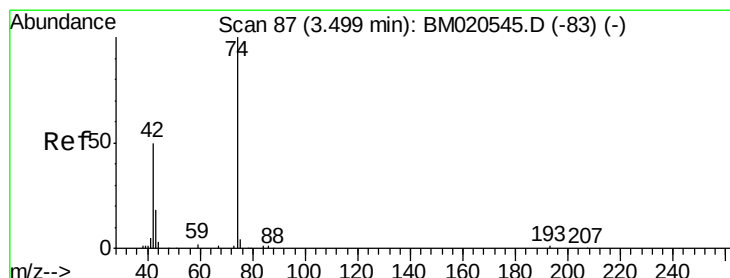
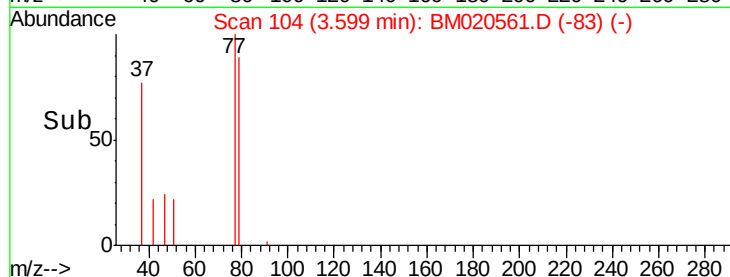
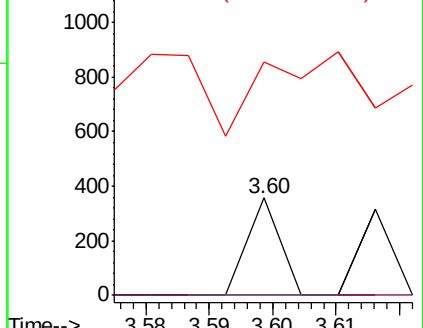
51 241.0 17.8 26.8#



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) (-)



#4

n-Nitrosodimethylamine

Concen: 0.284 ng

RT: 3.50 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

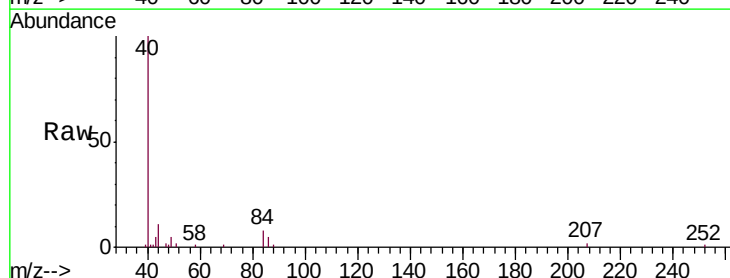
Tgt Ion: 42 Resp: 366

Ion Ratio Lower Upper

42 100

74 0.0 161.1 241.7#

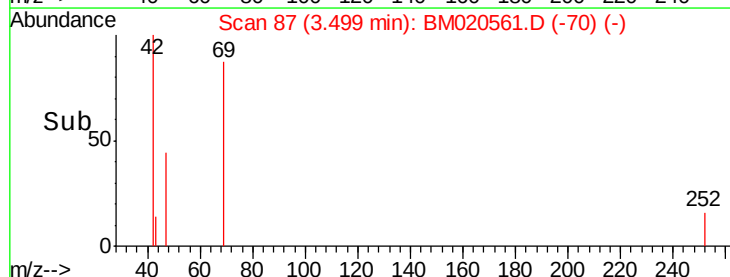
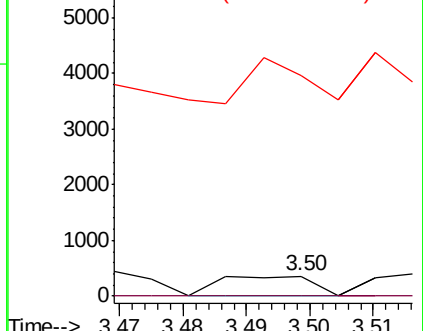
44 1086.8 20.9 31.3#

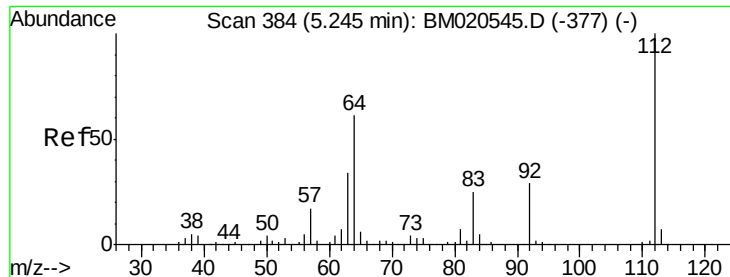


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

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

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





#5

2-Fluorophenol

Concen: 112.829 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

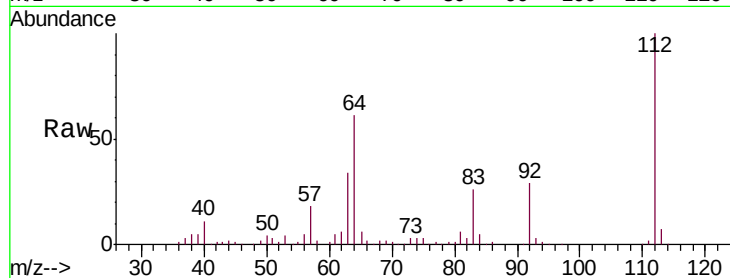
Tgt Ion: 112 Resp: 391758

Ion Ratio Lower Upper

112 100

64 60.5 48.6 73.0

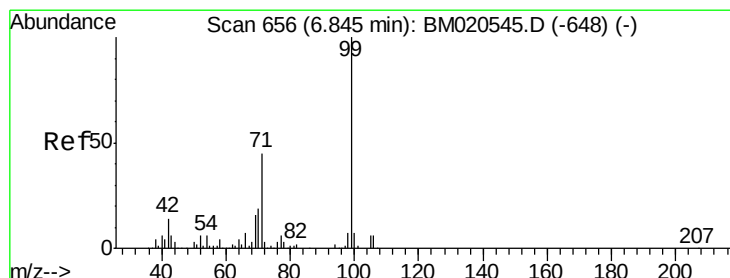
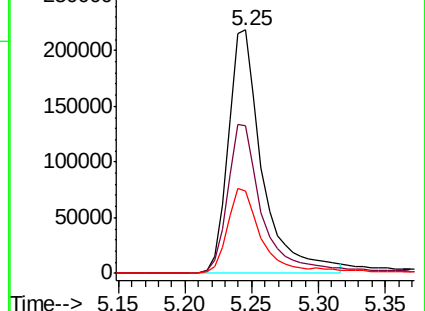
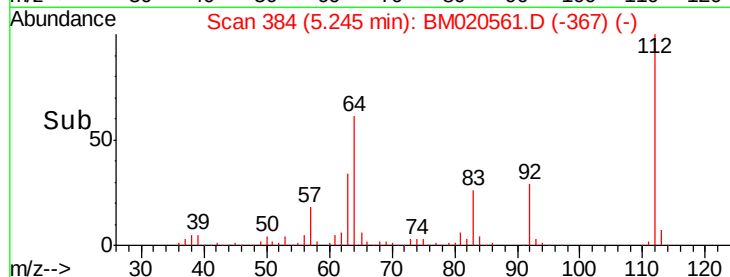
63 34.0 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 105.907 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

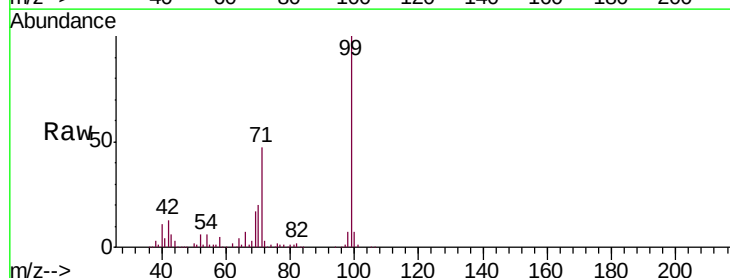
Tgt Ion: 99 Resp: 555022

Ion Ratio Lower Upper

99 100

42 13.3 10.8 16.2

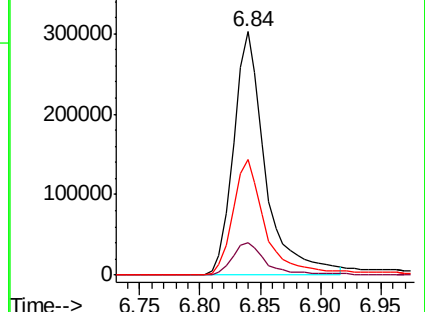
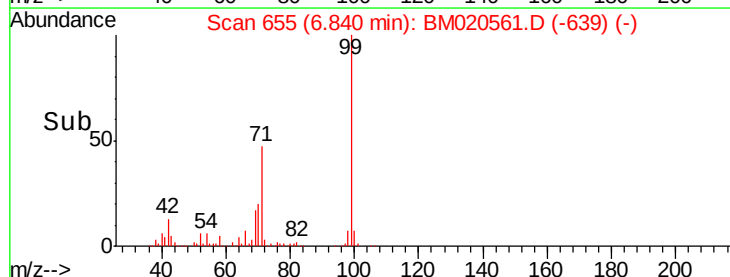
71 47.4 36.3 54.5

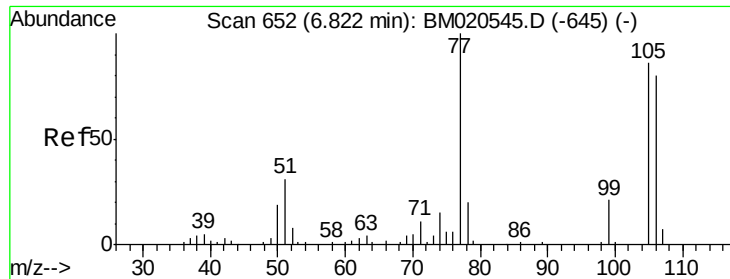


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 2.057 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.02 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

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ClientSampleId :

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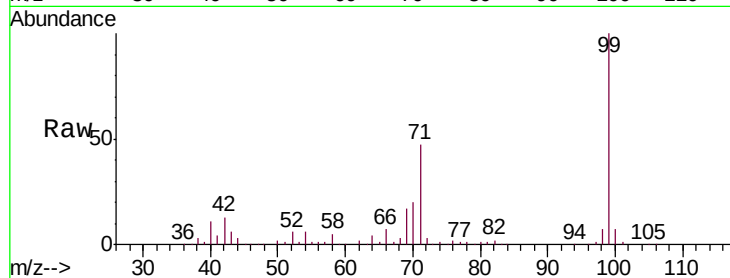
Tgt Ion: 77 Resp: 6882

Ion Ratio Lower Upper

77 100

105 55.7 66.1 106.1#

106 41.8 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) (-)

Time-->

6.84

6.85

6.90

6.95

7.00

7.05

7.10

7.15

7.20

7.25

7.30

7.35

7.40

7.45

7.50

7.55

7.60

7.65

7.70

7.75

7.80

7.85

7.90

7.95

8.00

8.05

8.10

8.15

8.20

8.25

8.30

8.35

8.40

8.45

8.50

8.55

8.60

8.65

8.70

8.75

8.80

8.85

8.90

8.95

9.00

9.05

9.10

9.15

9.20

9.25

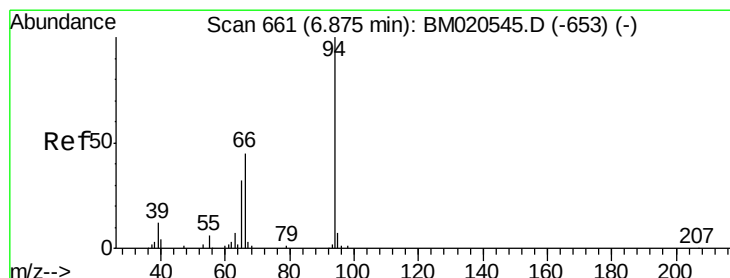
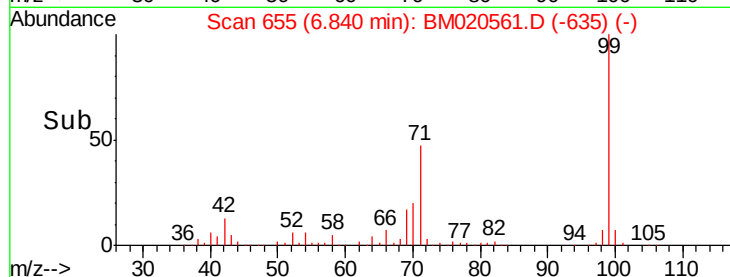
9.30

9.35

9.40

9.45

9.50



#10

Phenol

Concen: 1.834 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

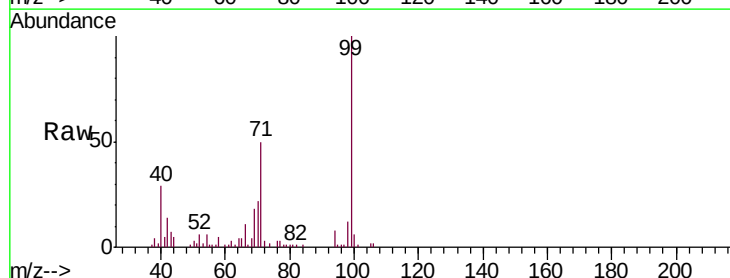
Tgt Ion: 94 Resp: 10381

Ion Ratio Lower Upper

94 100

65 43.7 12.4 52.4

66 134.1 27.4 67.4#



Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)

Time-->

6.86

6.87

6.88

6.89

6.90

6.91

6.92

6.93

6.94

6.95

6.96

6.97

6.98

6.99

7.00

7.01

7.02

7.03

7.04

7.05

7.06

7.07

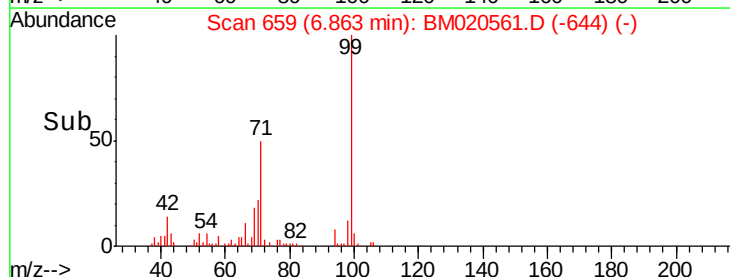
7.08

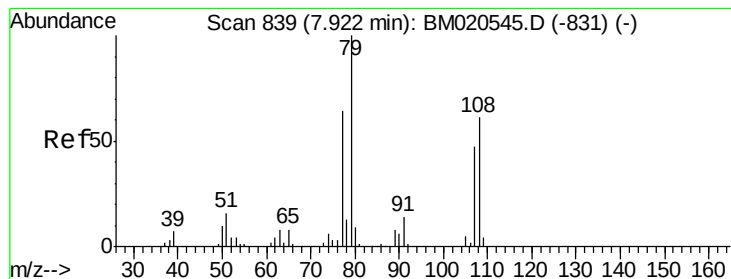
7.09

7.10

7.11

7.12





#15

Benzyl Alcohol

Concen: 1.242 ng

RT: 7.97 min Scan# 848

Delta R.T. 0.05 min

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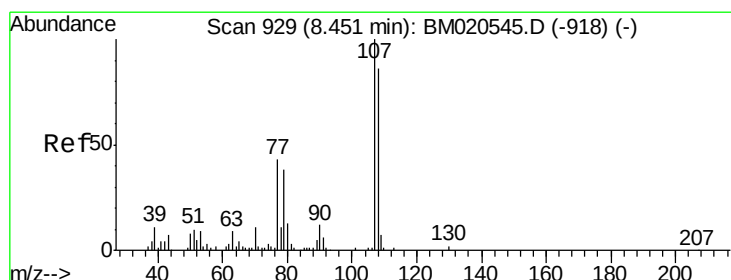
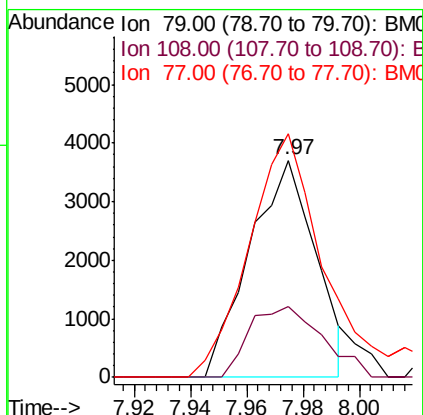
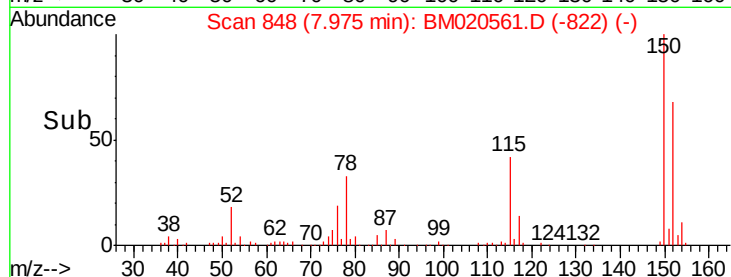
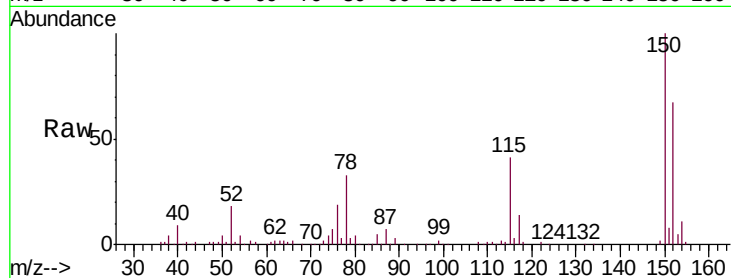
Tgt Ion: 79 Resp: 6025

Ion Ratio Lower Upper

79 100

108 32.3 48.5 72.7#

77 112.1 50.9 76.3#



#20

3+4-Methylphenols

Concen: 0.056 ng

RT: 8.50 min Scan# 937

Delta R.T. 0.05 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Tgt Ion: 107 Resp: 282

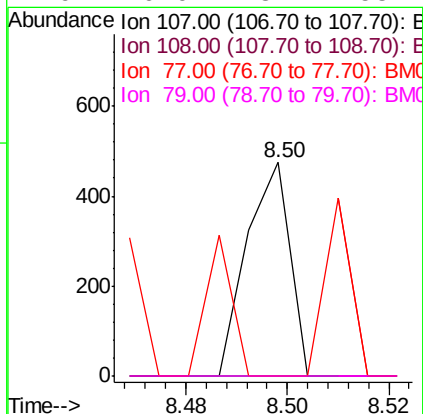
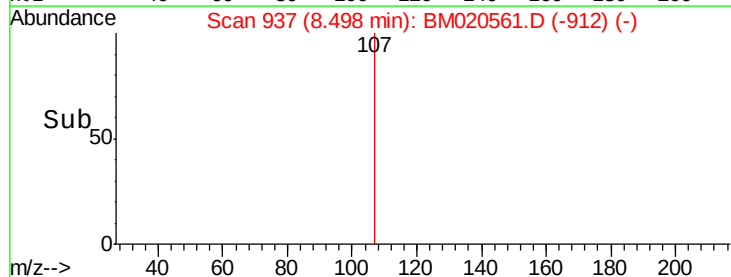
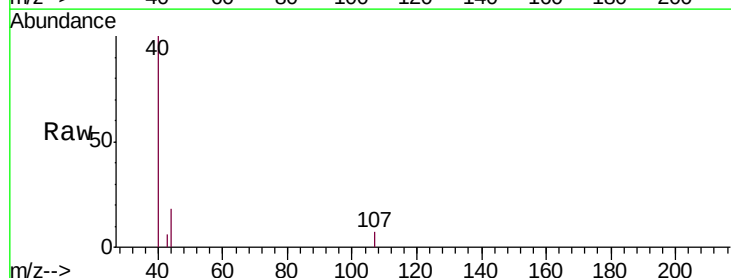
Ion Ratio Lower Upper

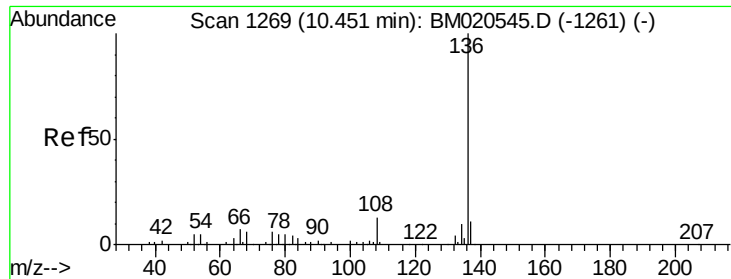
107 100

108 0.0 66.5 106.5#

77 0.0 23.0 63.0#

79 0.0 18.2 58.2#

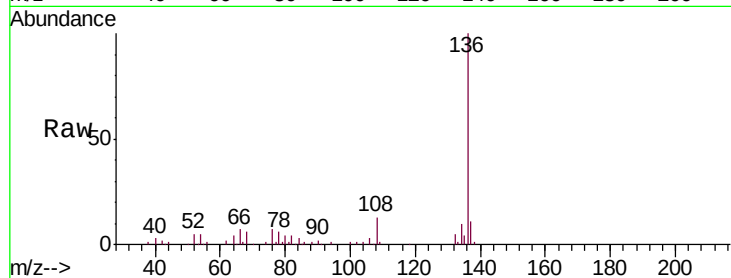




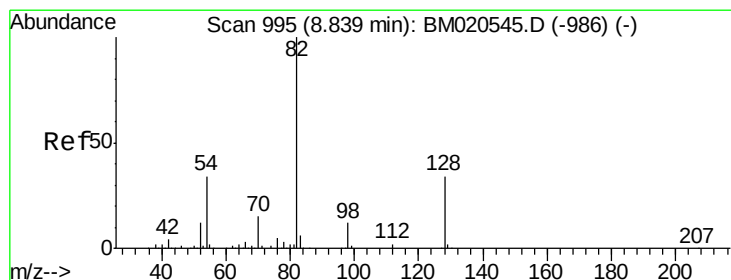
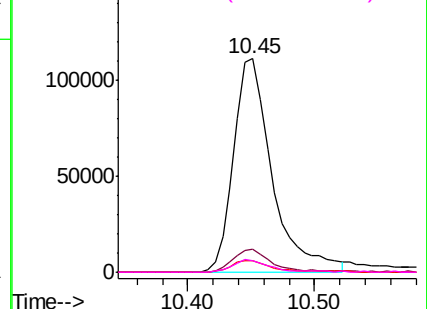
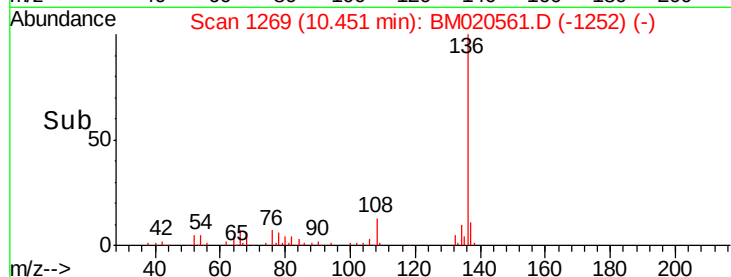
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
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ClientSampleId :
TP-3-S

Tgt Ion:	136	Resp:	235360
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.2	4.2	6.4
68	5.6	4.6	7.0

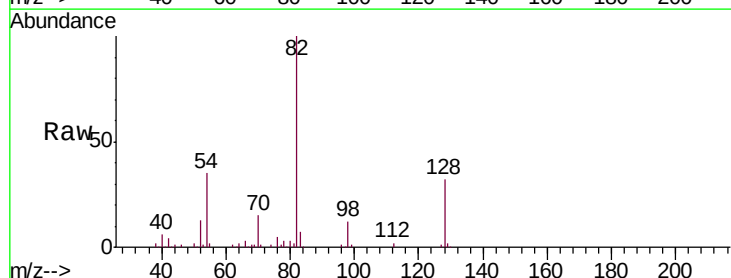


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

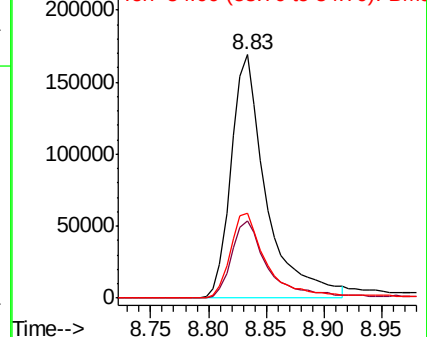
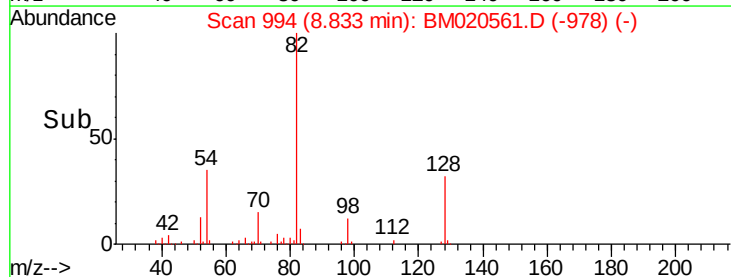


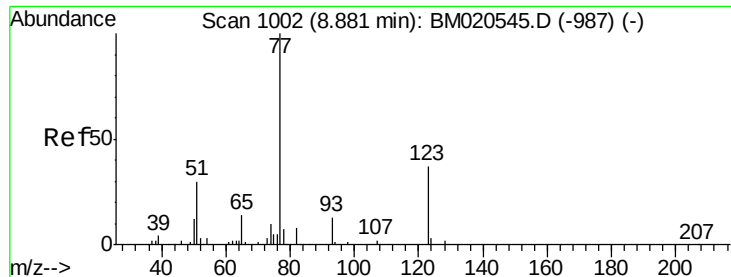
#23
Nitrobenzene-d5
Concen: 63.837 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion:	82	Resp:	357962
Ion	Ratio	Lower	Upper
82	100		
128	31.8	27.0	40.4
54	34.7	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

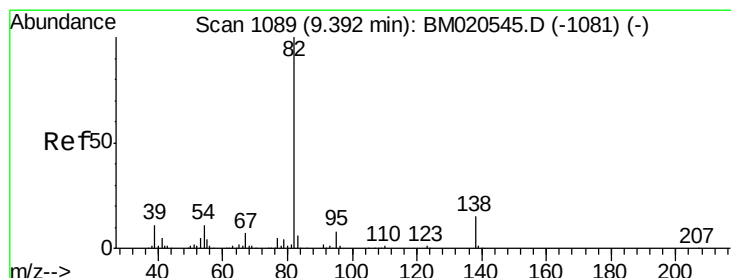
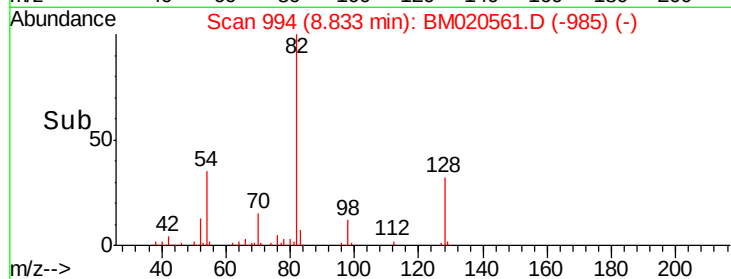
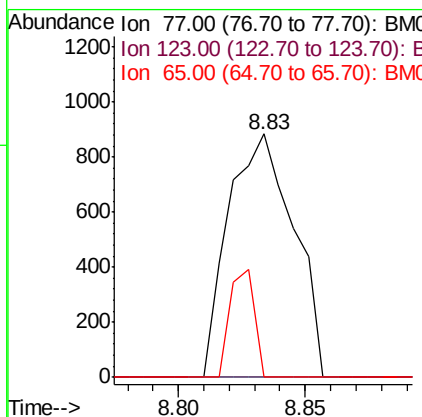
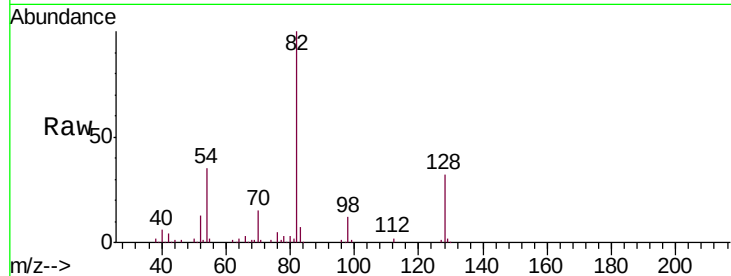




#24
 Nitrobenzene
 Concen: 0.285 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.05 min
 Lab File: BM020561.D
 Acq: 25 May 2019 03:20

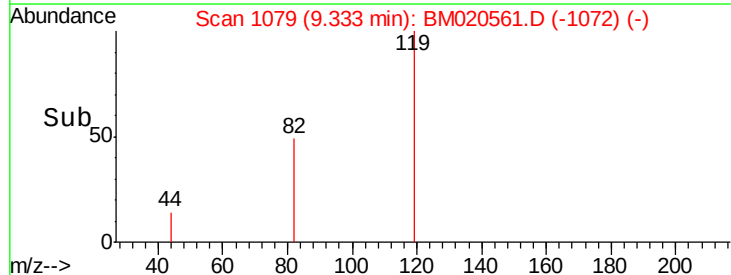
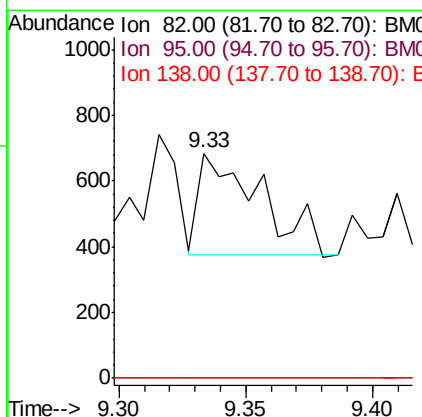
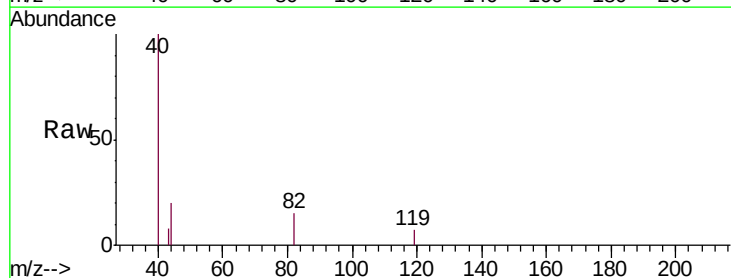
Instrument :
 BNA_M
 ClientSampled :
 TP-3-S

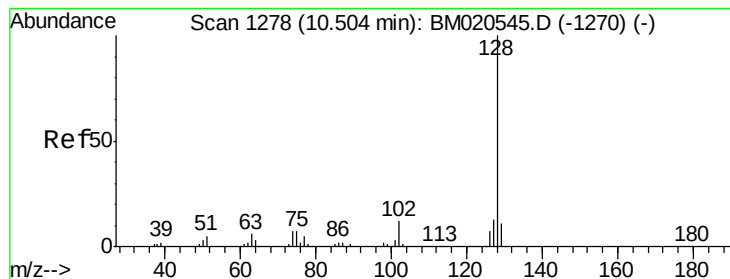
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.4	44.2#
65	0.0	10.8	16.2#



#25
 Isophorone
 Concen: 0.050 ng
 RT: 9.33 min Scan# 1079
 Delta R.T. -0.06 min
 Lab File: BM020561.D
 Acq: 25 May 2019 03:20

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





#31

Naphthalene

Concen: 1.453 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

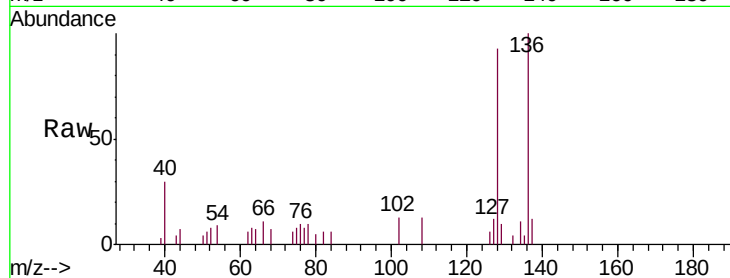
Tgt Ion:128 Resp: 17660

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

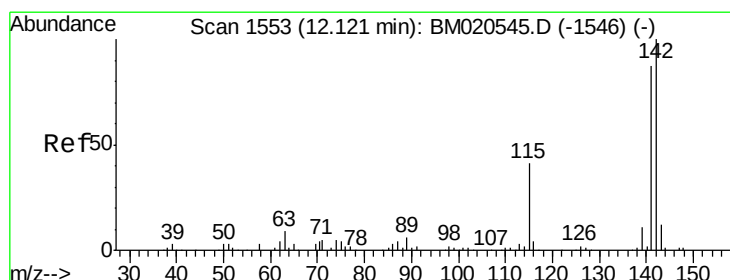
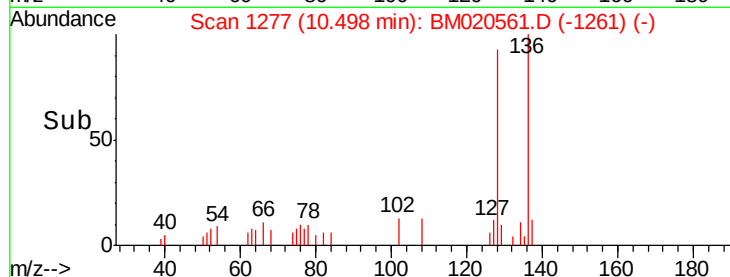
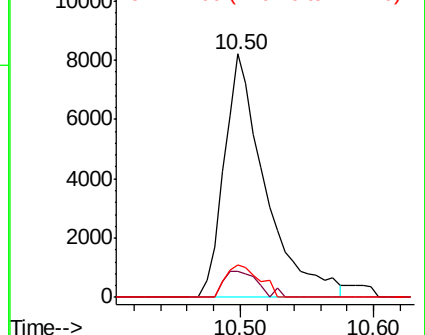
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 0.491 ng

RT: 12.13 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

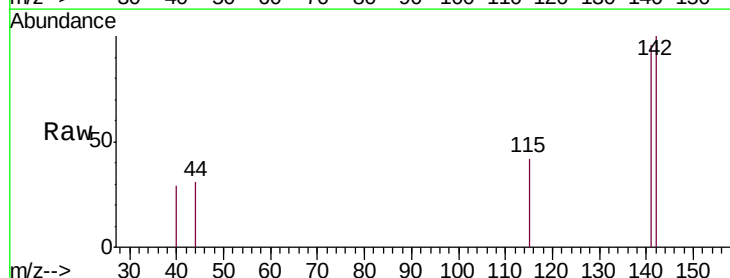
Tgt Ion:142 Resp: 4560

Ion Ratio Lower Upper

142 100

141 95.9 69.9 104.9

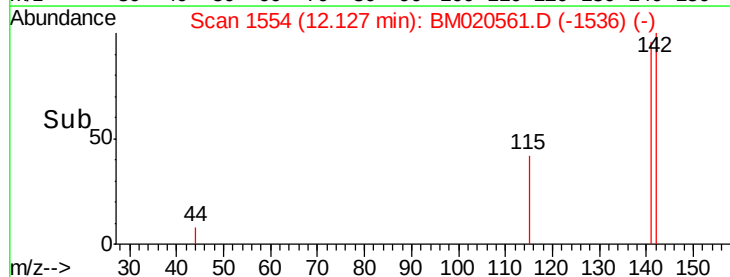
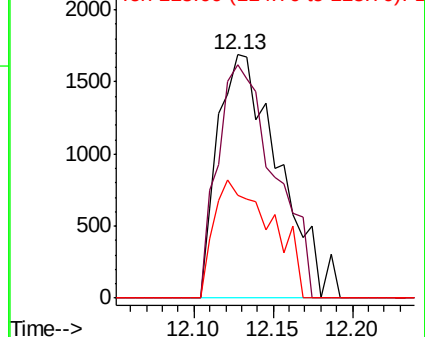
115 42.4 32.9 49.3

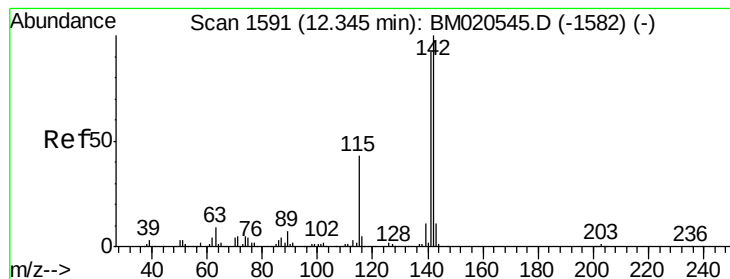


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 0.418 ng

RT: 12.35 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

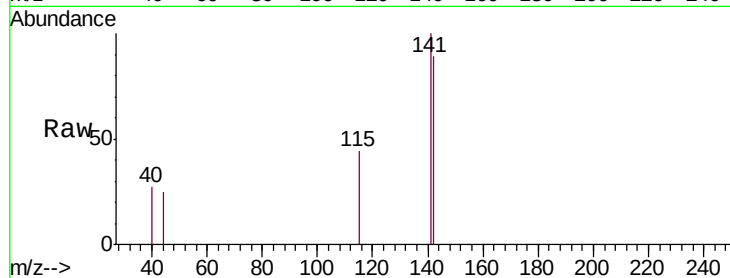
Tgt Ion:142 Resp: 3761

Ion Ratio Lower Upper

142 100

141 112.3 73.7 110.5#

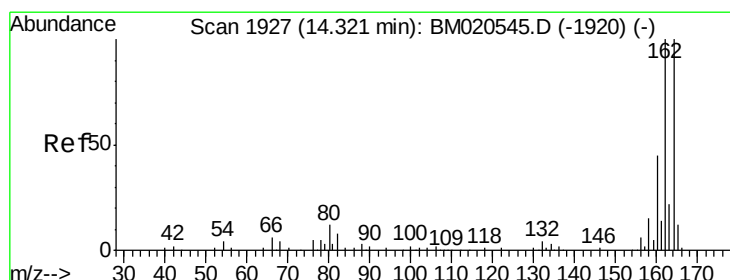
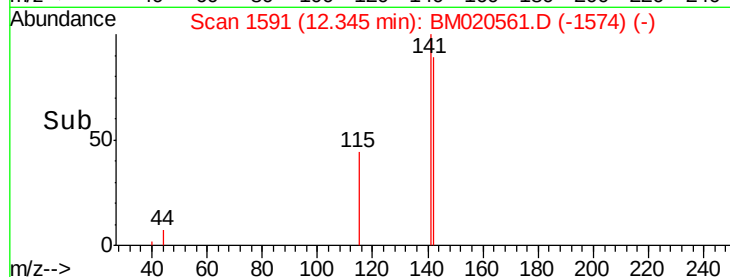
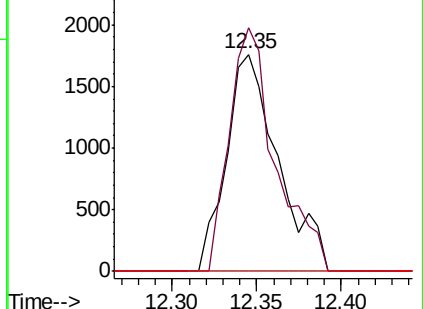
116 0.0 3.7 5.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

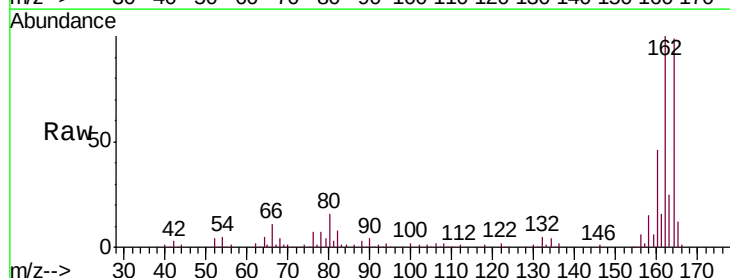
Tgt Ion:164 Resp: 182223

Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

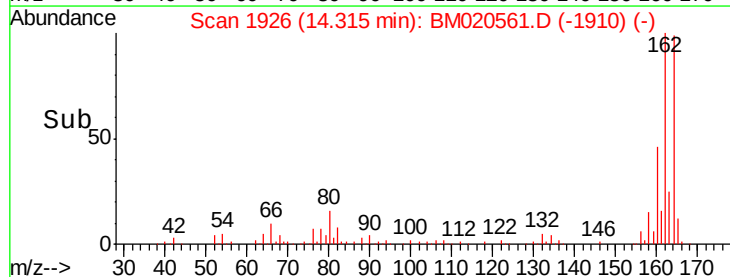
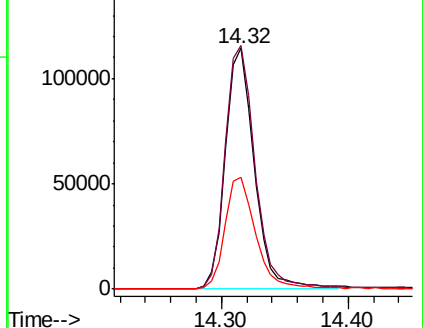
160 46.5 35.9 53.9

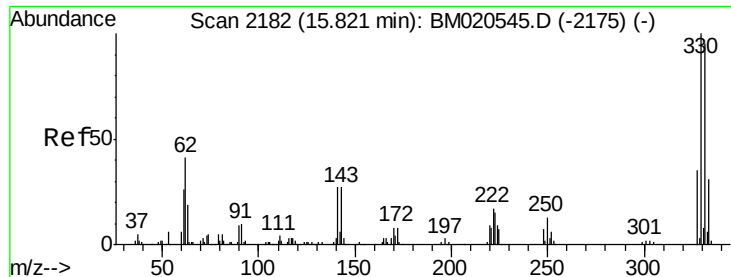


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 106.262 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

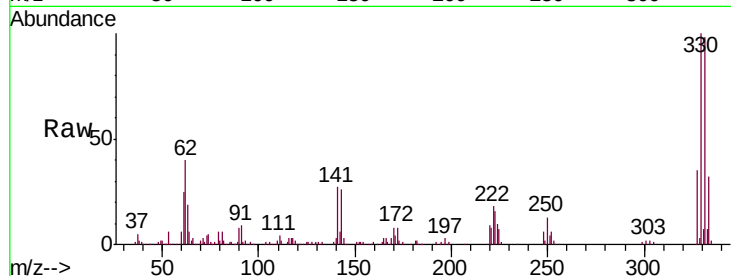
Tgt Ion:330 Resp: 387938

Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

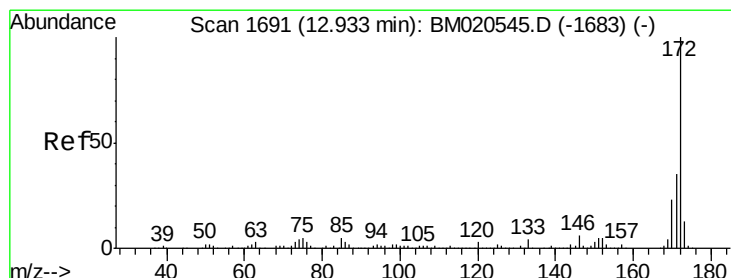
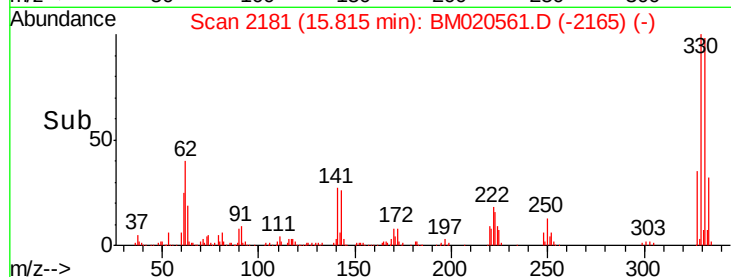
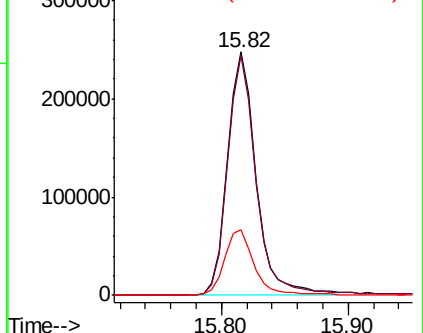
141 28.1 21.7 32.5



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: 45.570 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

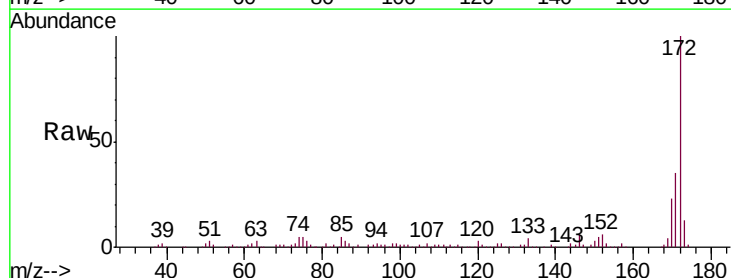
Tgt Ion:172 Resp: 661761

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

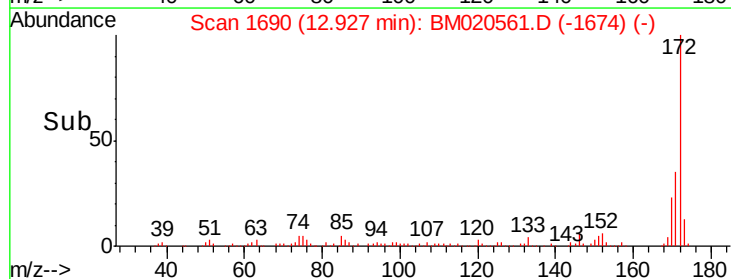
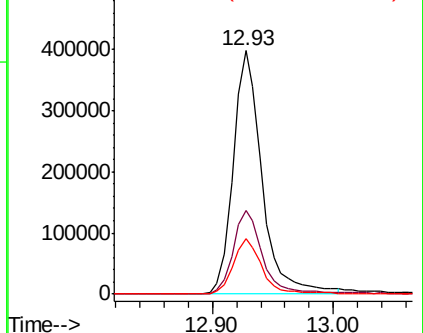
170 22.9 18.2 27.4

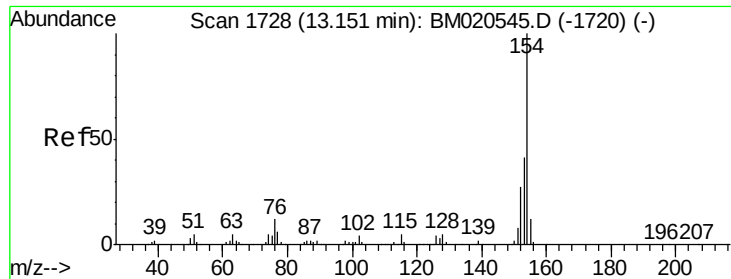


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

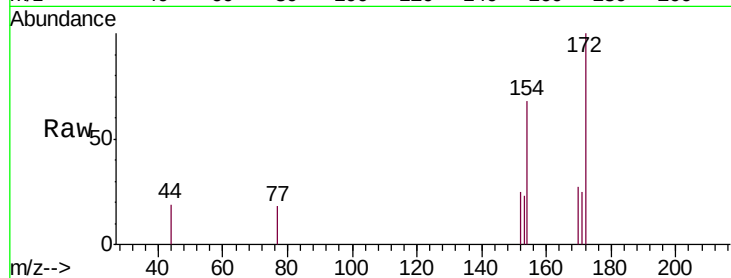




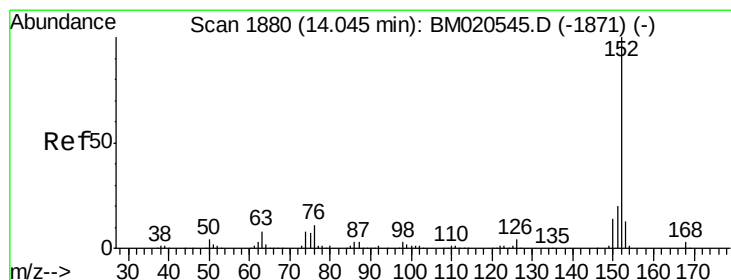
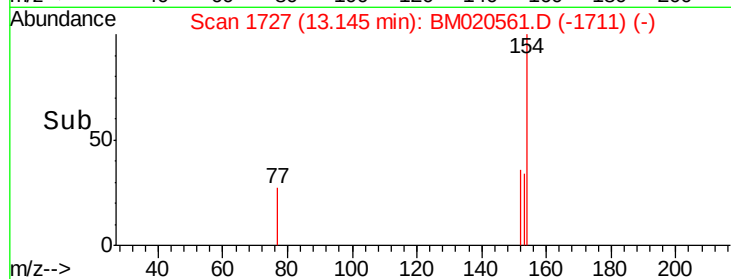
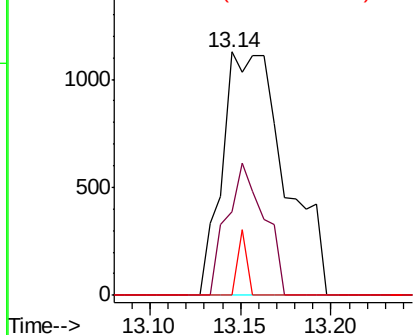
#46
1,1'-Biphenyl
Concen: 0.193 ng
RT: 13.14 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampled :
TP-3-S

Tgt Ion:154 Resp: 2713
Ion Ratio Lower Upper
154 100
153 34.2 20.6 60.6
76 0.0 0.0 32.2

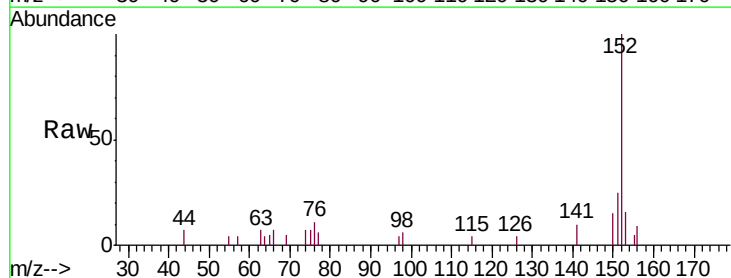


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

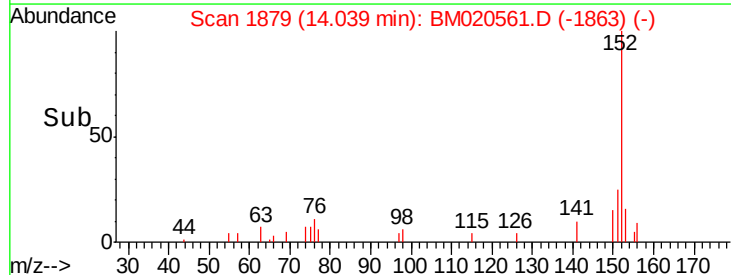
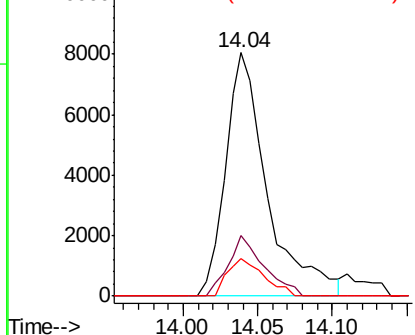


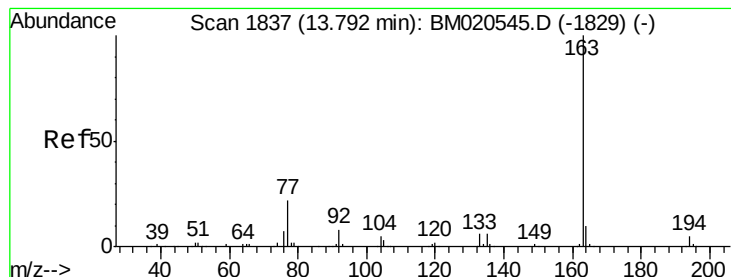
#49
Acenaphthylene
Concen: 0.868 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion:152 Resp: 15705
Ion Ratio Lower Upper
152 100
151 25.1 15.7 23.5#
153 15.6 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 4.476 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

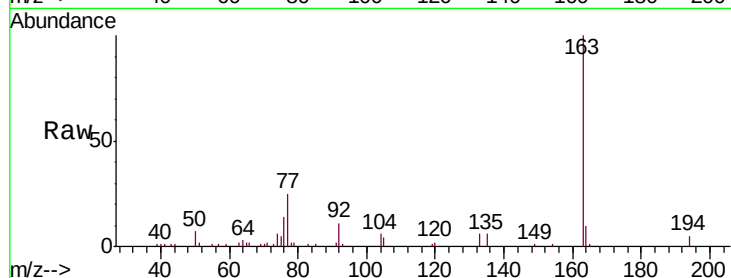
Tgt Ion:163 Resp: 72241

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

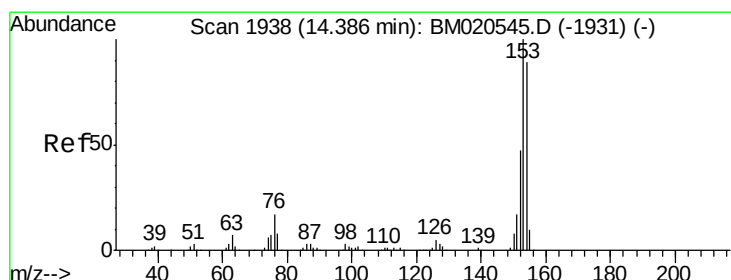
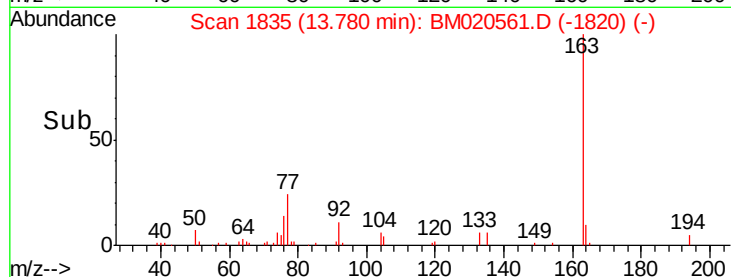
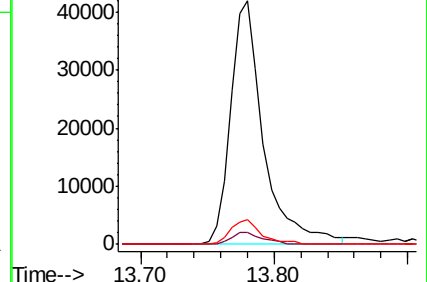
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 0.949 ng

RT: 14.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

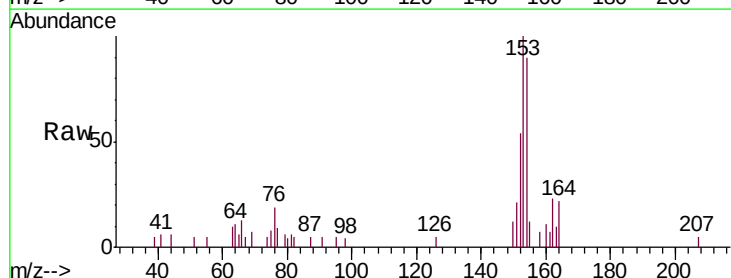
Tgt Ion:154 Resp: 10350

Ion Ratio Lower Upper

154 100

153 111.5 90.2 135.4

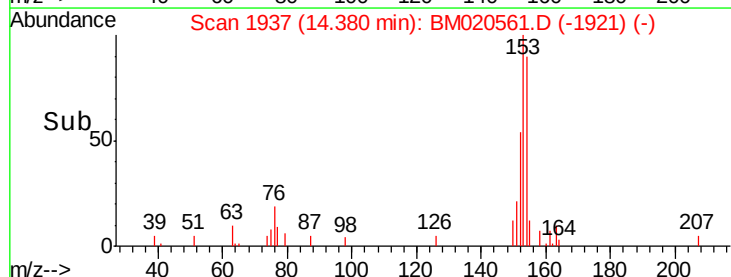
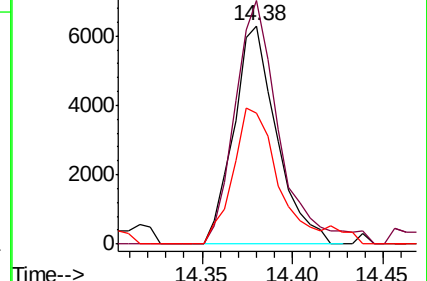
152 60.1 42.0 63.0

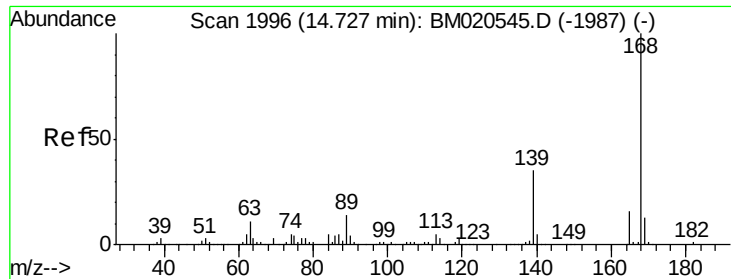


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 0.755 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

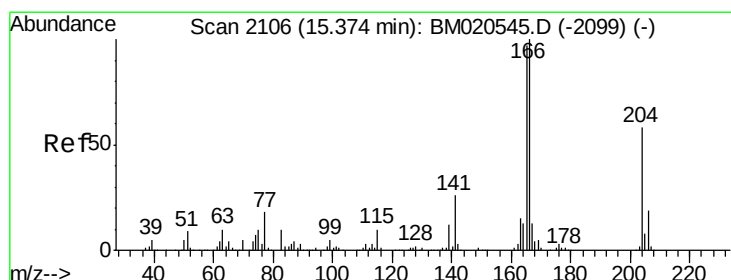
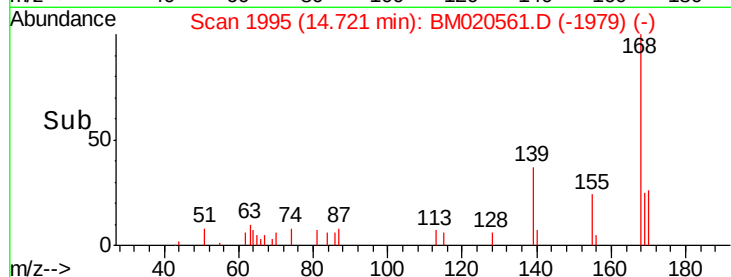
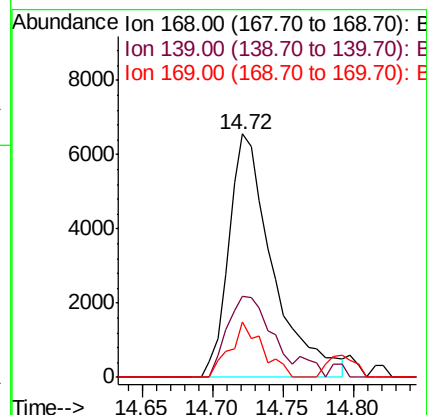
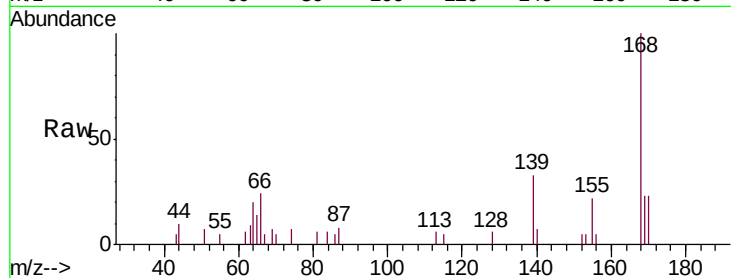
Tgt Ion:168 Resp: 14250

Ion Ratio Lower Upper

168 100

139 33.4 28.2 42.4

169 22.6 10.6 16.0#



#58

Fluorene

Concen: 1.398 ng

RT: 15.37 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

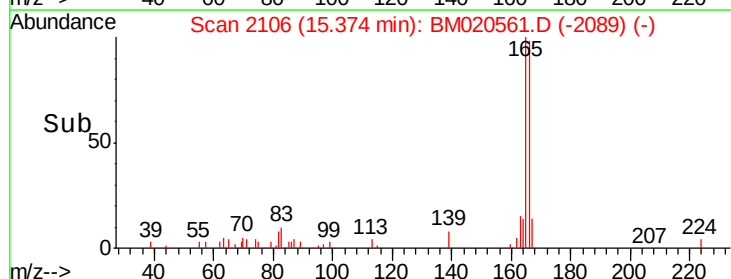
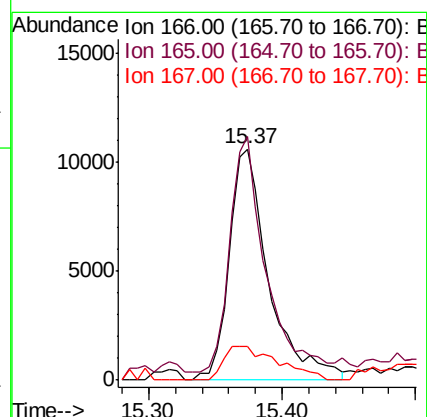
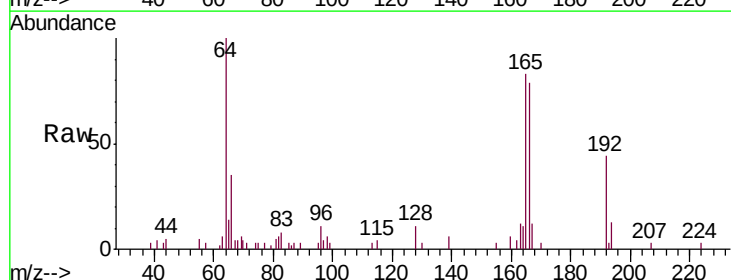
Tgt Ion:166 Resp: 21905

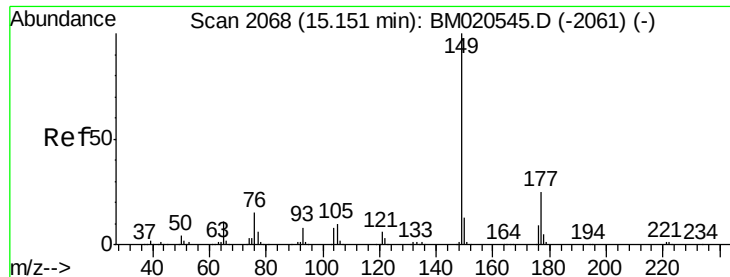
Ion Ratio Lower Upper

166 100

165 105.3 77.4 116.0

167 14.6 10.6 16.0

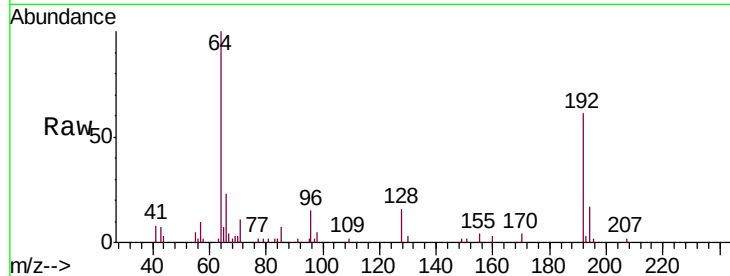




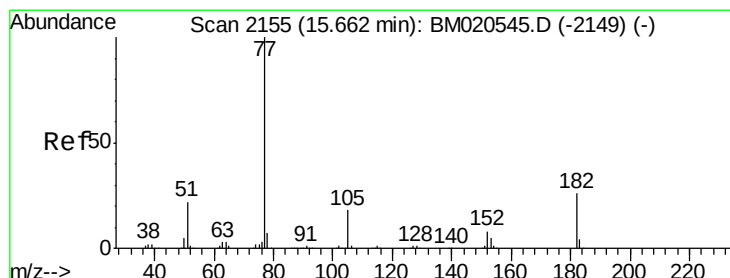
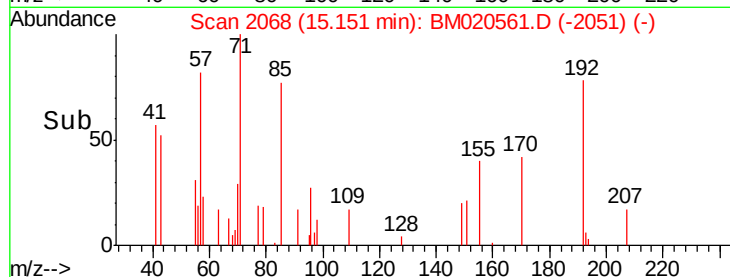
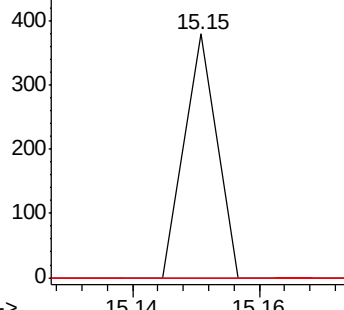
#60
Diethylphthalate
Concen: 0.008 ng
RT: 15.15 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampled :
TP-3-S

Tgt Ion: 149 Resp: 134
Ion Ratio Lower Upper
149 100
177 0.0 19.8 29.8#
150 0.0 10.2 15.2#

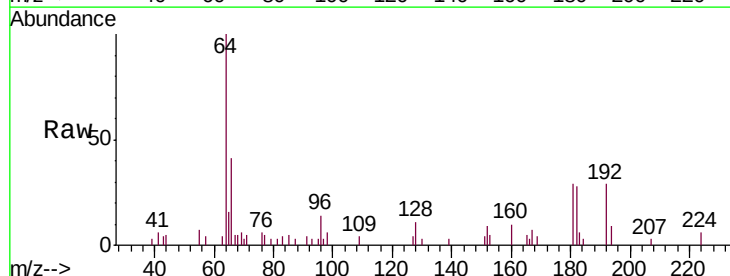


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

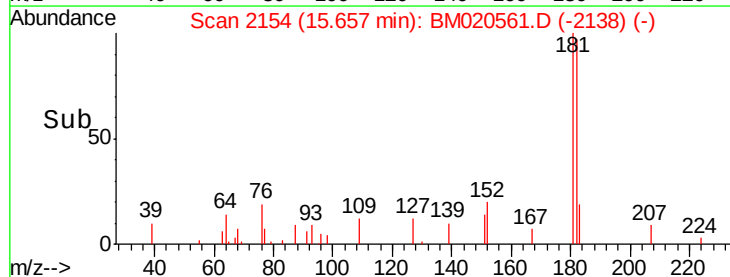
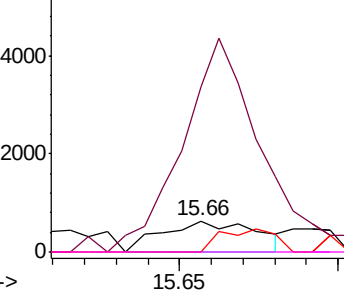


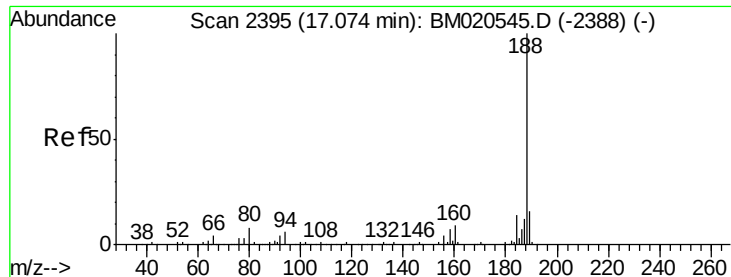
#63
Azobenzene
Concen: 0.084 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion: 77 Resp: 1296
Ion Ratio Lower Upper
77 100
182 531.6 5.7 45.7#
105 0.0 0.0 37.6
51 0.0 1.7 41.7#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

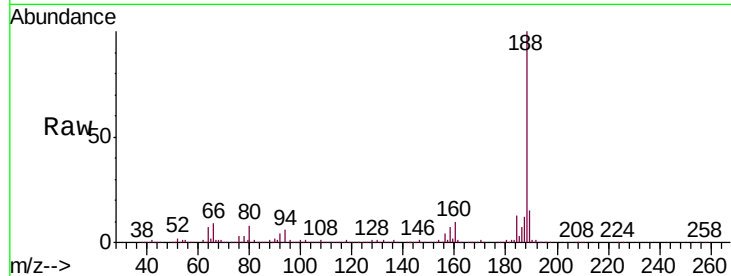
Tgt Ion:188 Resp: 564833

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

80 7.8 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

500000

400000

300000

200000

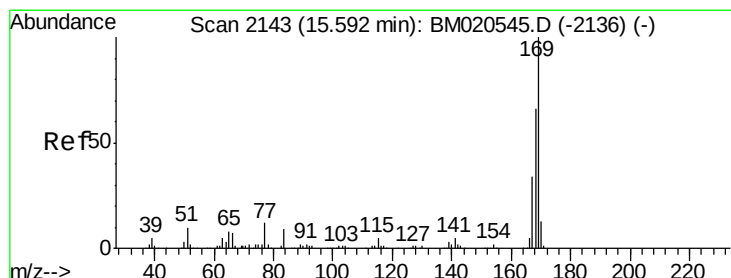
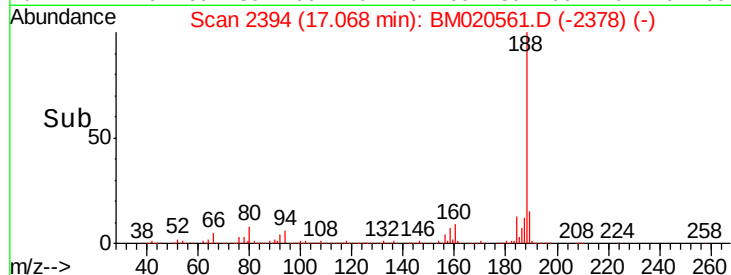
100000

0

17.00

17.10

Time-->



#66

n-Nitrosodiphenylamine

Concen: 0.113 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.02 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

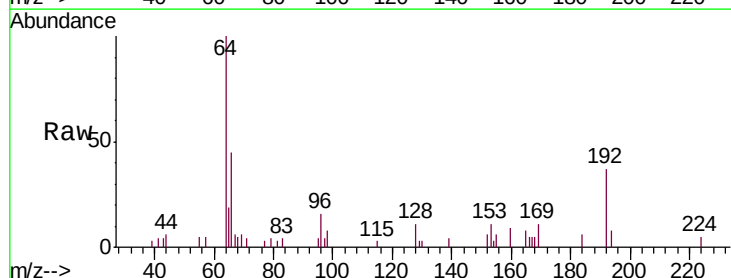
Tgt Ion:169 Resp: 1735

Ion Ratio Lower Upper

169 100

168 49.2 52.5 78.7#

167 46.8 27.5 41.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1500

1000

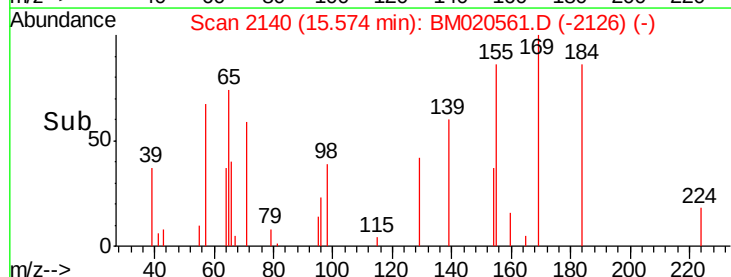
500

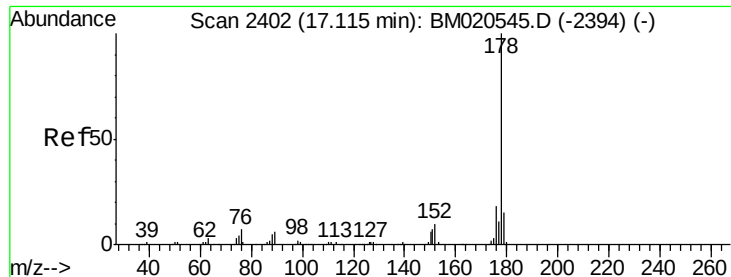
0

15.55

15.60

Time-->

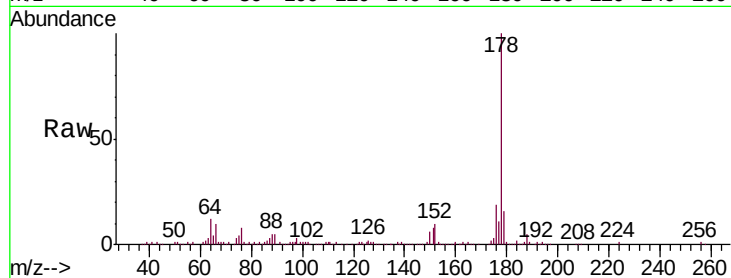




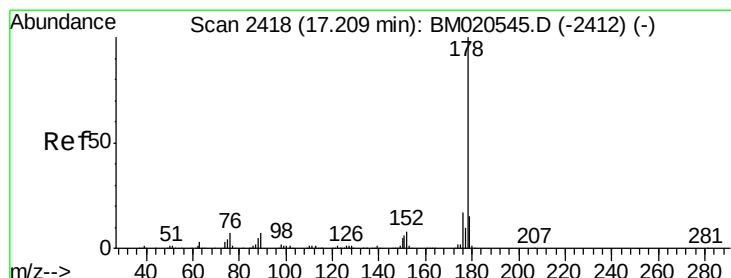
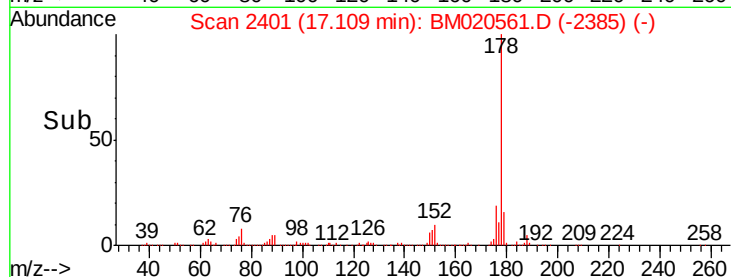
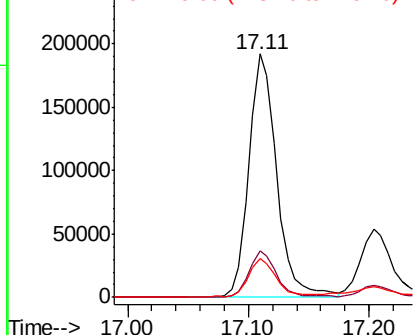
#71
Phenanthrene
Concen: 10.150 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampled :
TP-3-S

Tgt Ion:178 Resp: 311456
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.9 12.2 18.2

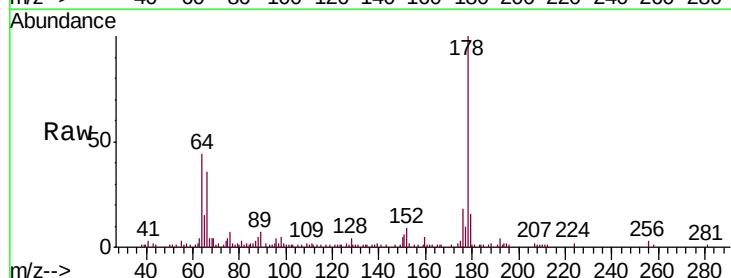


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

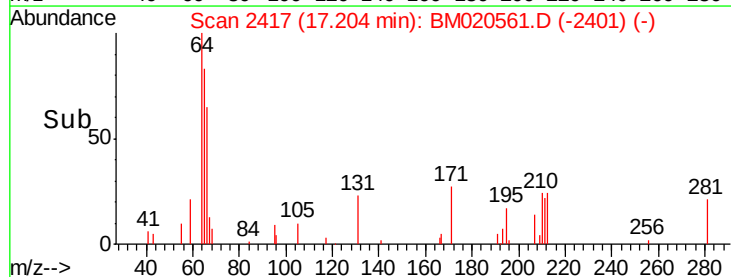
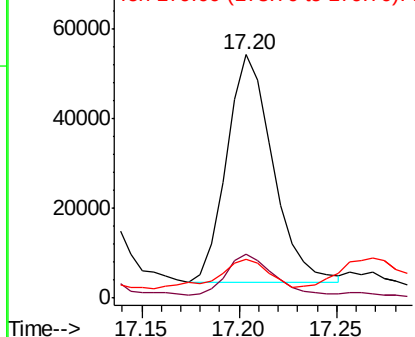


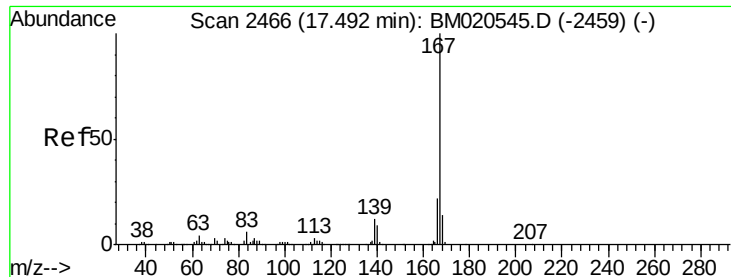
#72
Anthracene
Concen: 2.780 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion:178 Resp: 82722
Ion Ratio Lower Upper
178 100
176 17.8 14.0 21.0
179 15.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.950 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

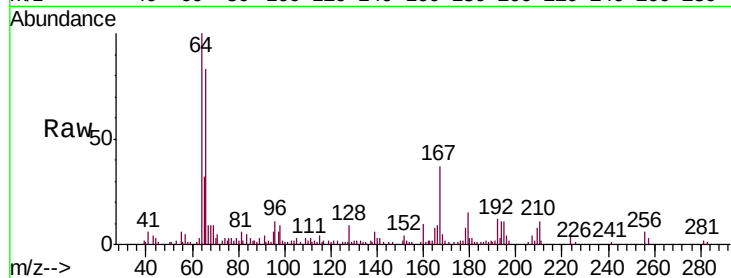
Tgt Ion:167 Resp: 24257

Ion Ratio Lower Upper

167 100

166 25.0 17.4 26.0

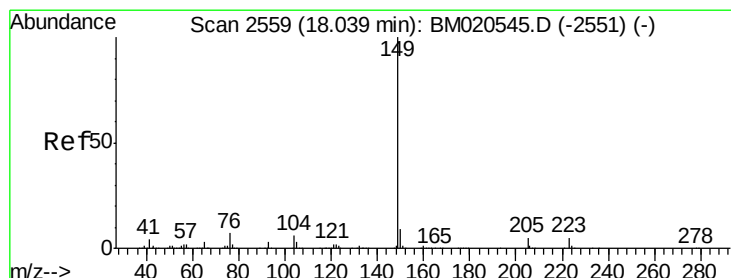
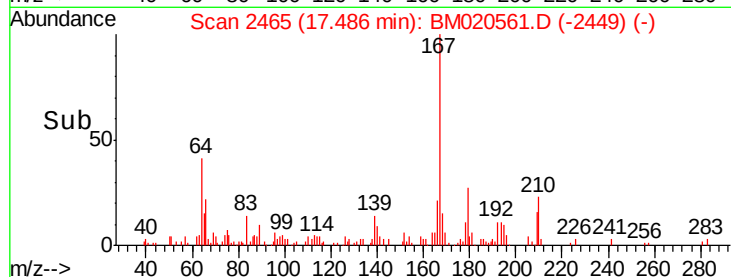
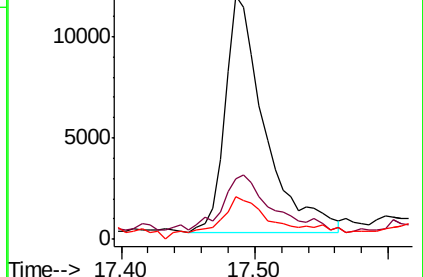
139 17.5 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.077 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

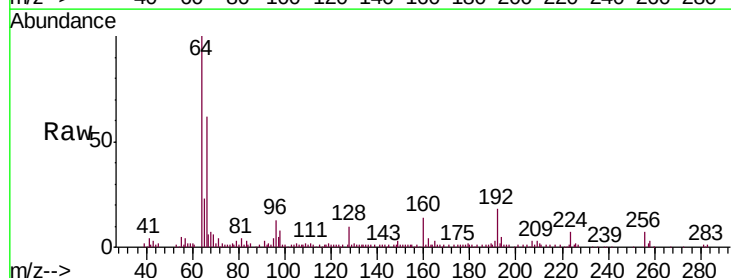
Tgt Ion:149 Resp: 2428

Ion Ratio Lower Upper

149 100

150 23.3 7.3 10.9#

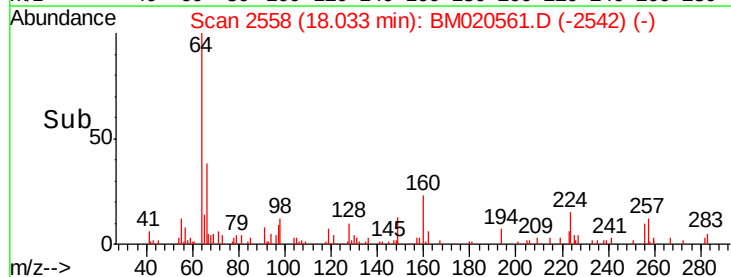
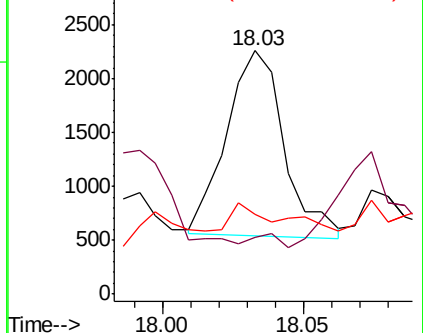
104 33.0 5.0 7.4#

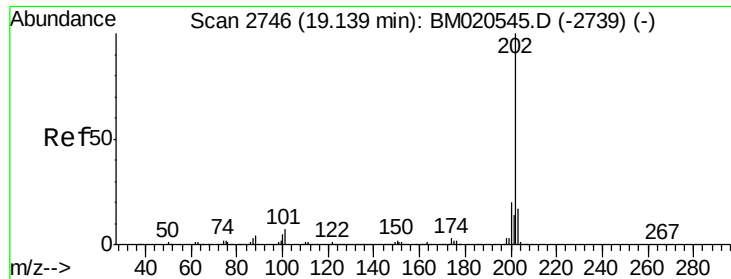


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 26.471 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

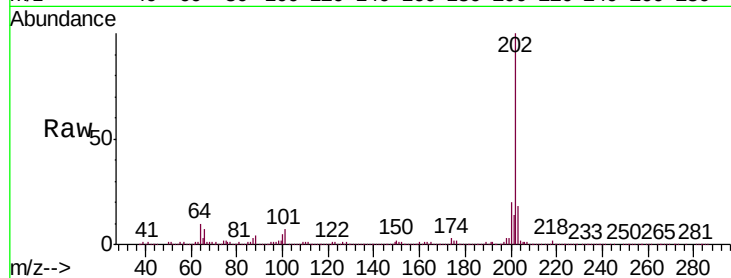
Tgt Ion:202 Resp: 1129539

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.7

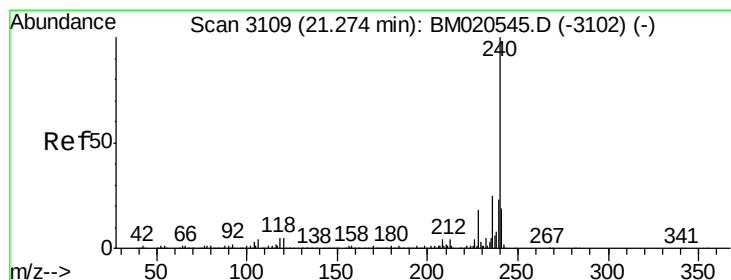
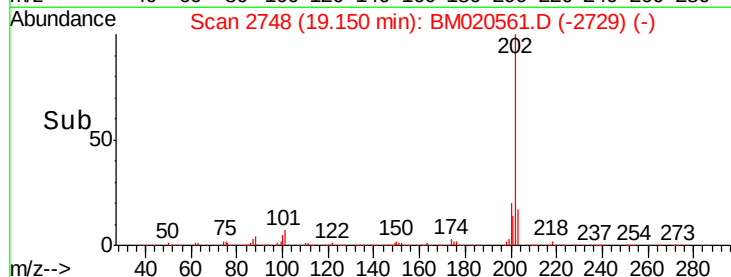
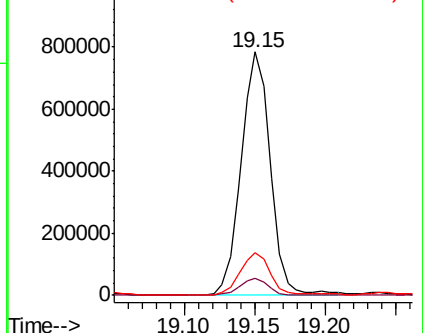
203 17.8 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

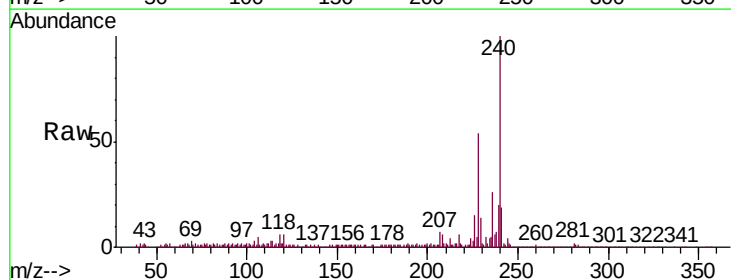
Tgt Ion:240 Resp: 537811

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

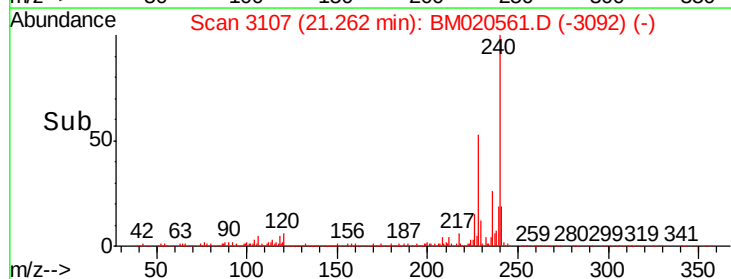
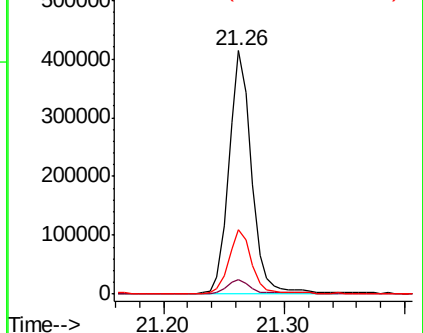
236 26.4 20.2 30.4

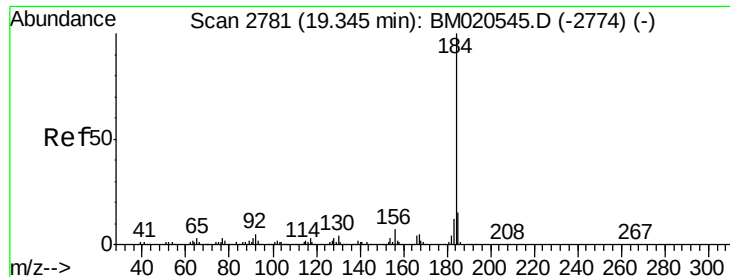


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.067 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

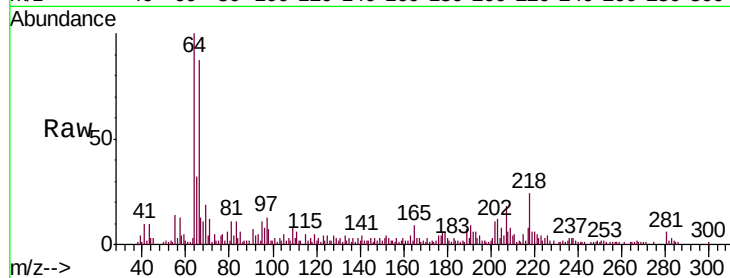
Tgt Ion:184 Resp: 662

Ion Ratio Lower Upper

184 100

185 116.9 11.8 17.8#

183 161.0 9.7 14.5#



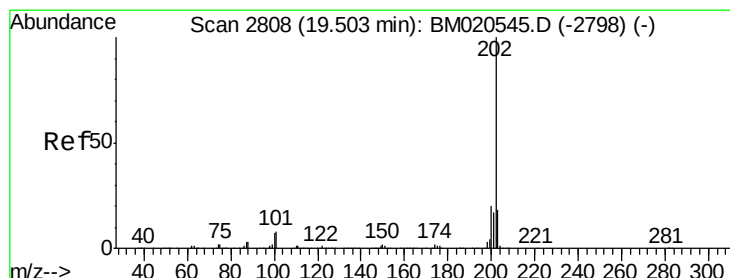
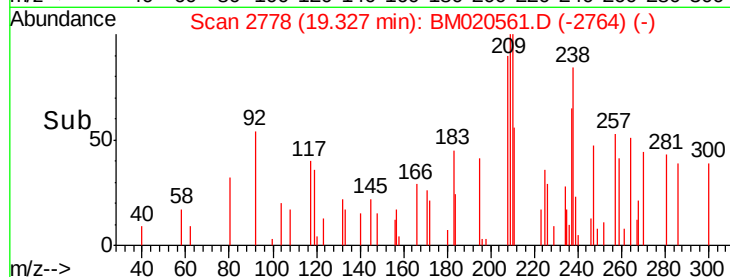
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.33

Time-->



#78

Pyrene

Concen: 34.042 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

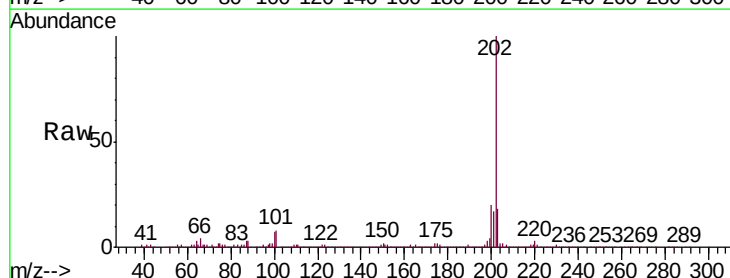
Tgt Ion:202 Resp: 1149383

Ion Ratio Lower Upper

202 100

200 20.2 16.0 24.0

203 18.2 14.1 21.1



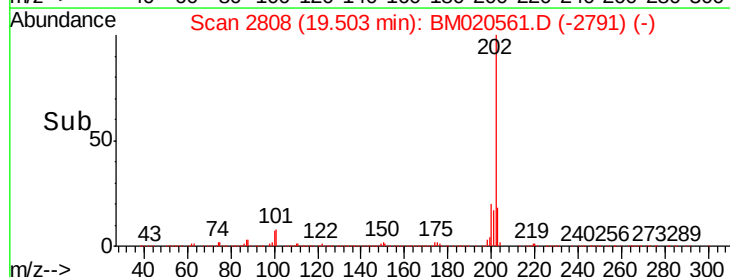
Abundance Ion 202.00 (201.70 to 202.70): E

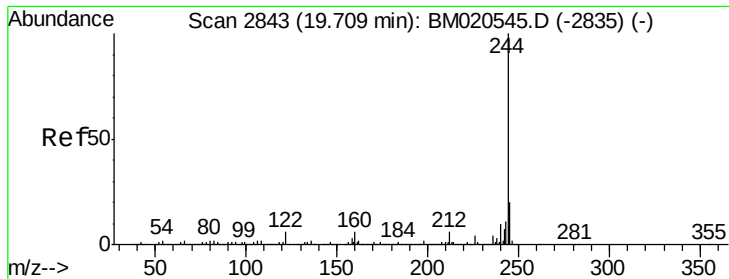
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.50

Time-->





#79

Terphenyl-d14

Concen: 56.120 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleId :

TP-3-S

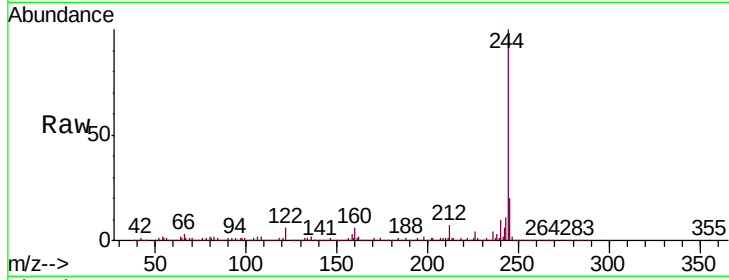
Tgt Ion:244 Resp: 1669543

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

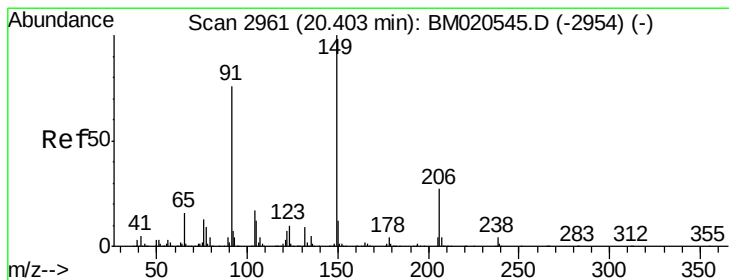
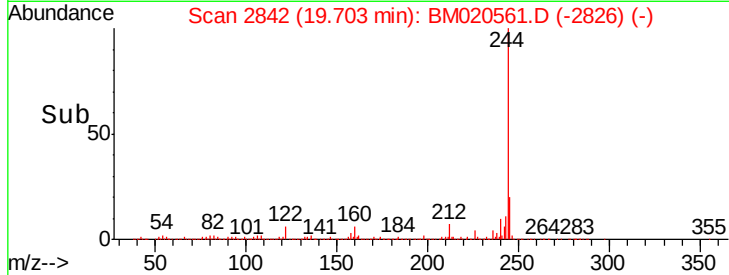
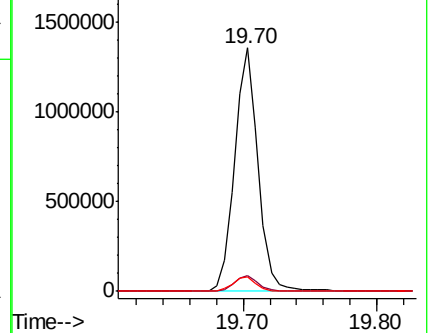
122 5.7 4.6 7.0



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



#80

Butylbenzylphthalate

Concen: 0.020 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

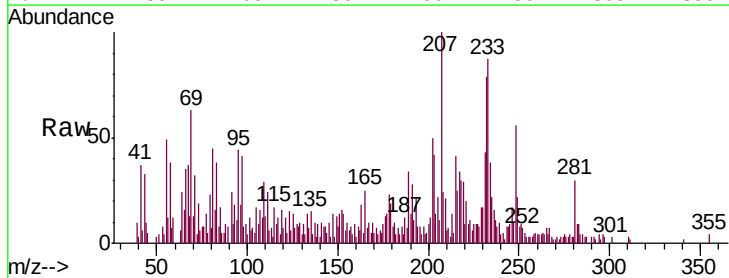
Tgt Ion:149 Resp: 238

Ion Ratio Lower Upper

149 100

91 181.0 60.9 91.3#

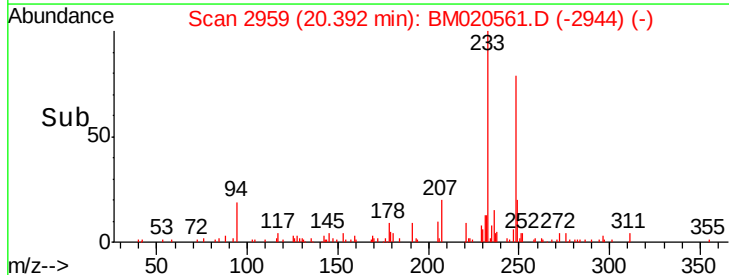
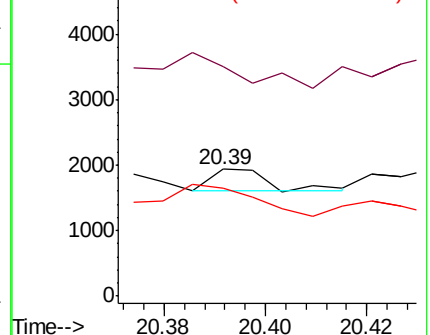
206 84.9 21.6 32.4#

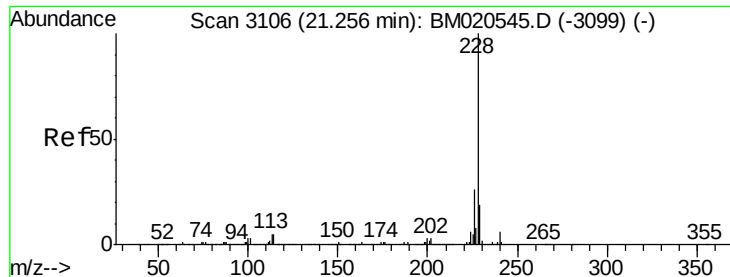


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.682 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

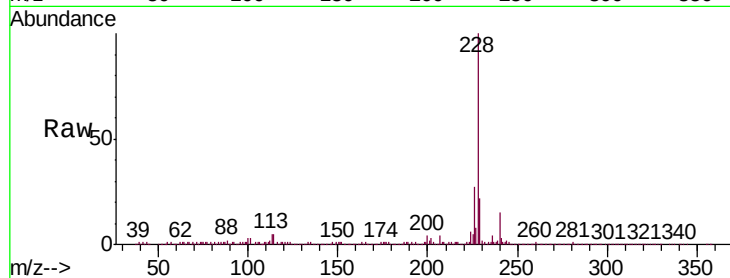
Tgt Ion:228 Resp: 1067596

Ion Ratio Lower Upper

228 100

226 26.9 20.7 31.1

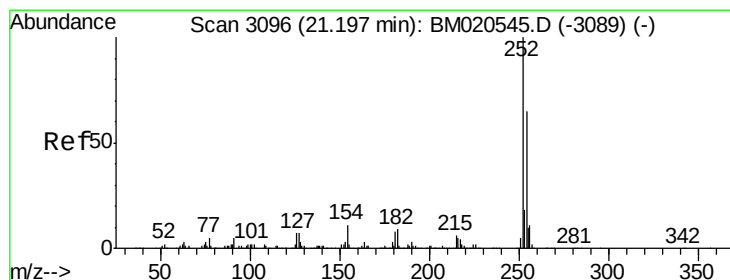
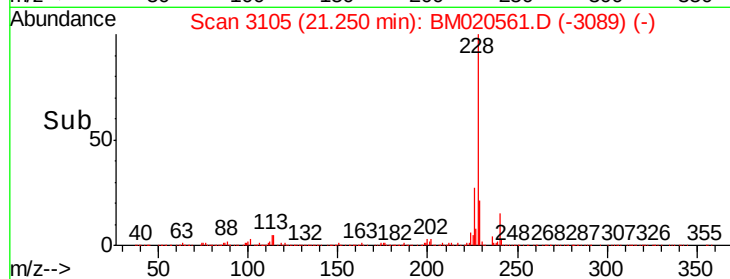
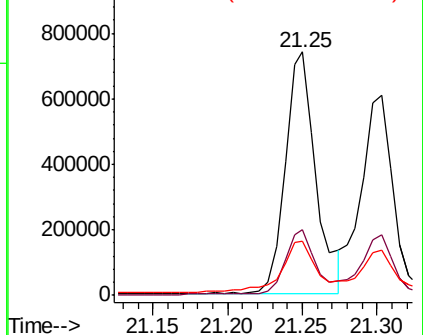
229 22.1 15.5 23.3



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



#82

3,3'-Dichlorobenzidine

Concen: 0.034 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

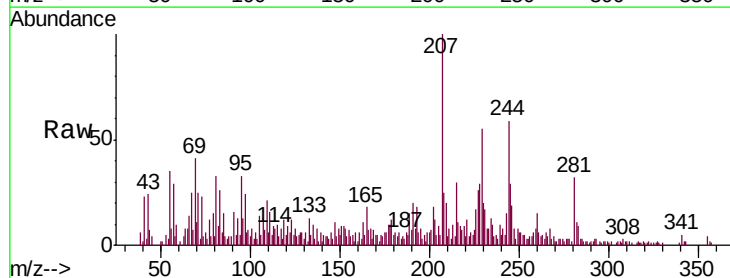
Tgt Ion:252 Resp: 468

Ion Ratio Lower Upper

252 100

254 58.8 51.8 77.6

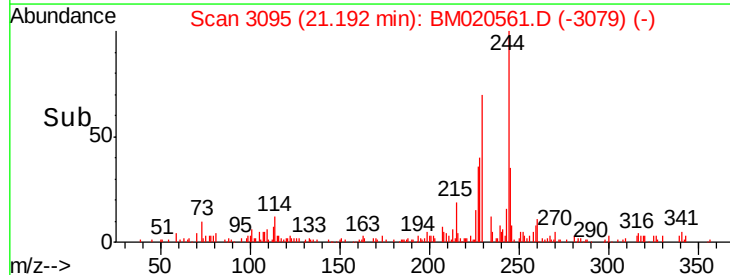
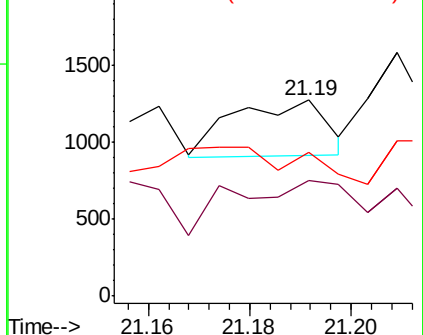
126 73.1 5.2 7.8#

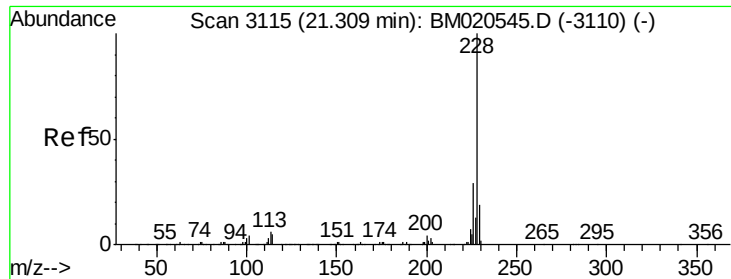


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.708 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampled :

TP-3-S

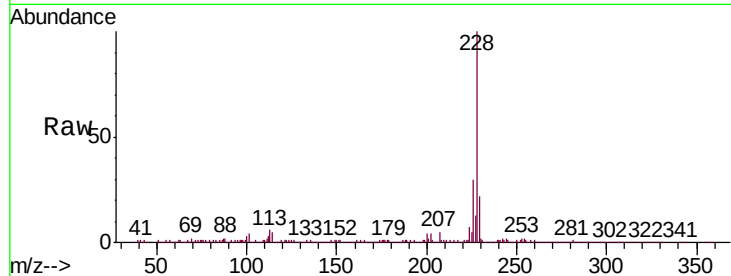
Tgt Ion:228 Resp: 888686

Ion Ratio Lower Upper

228 100

226 30.3 22.9 34.3

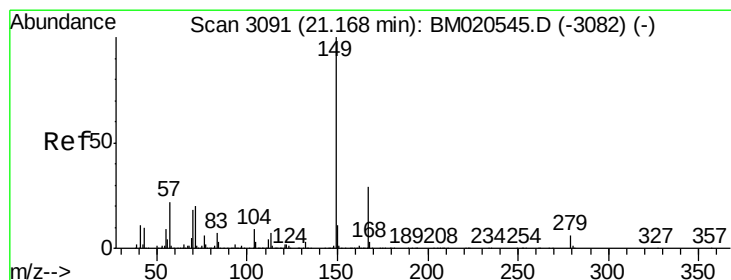
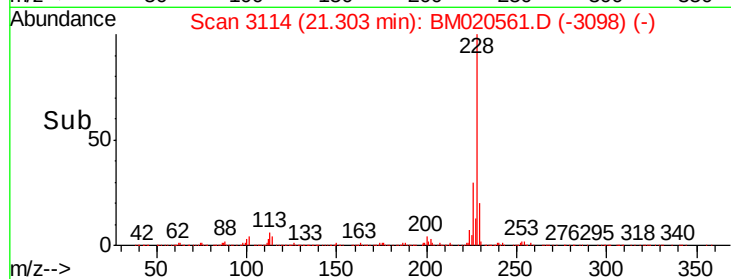
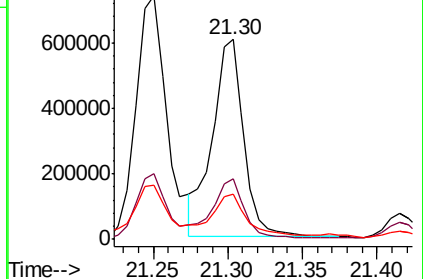
229 22.4 15.4 23.2



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: 0.172 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

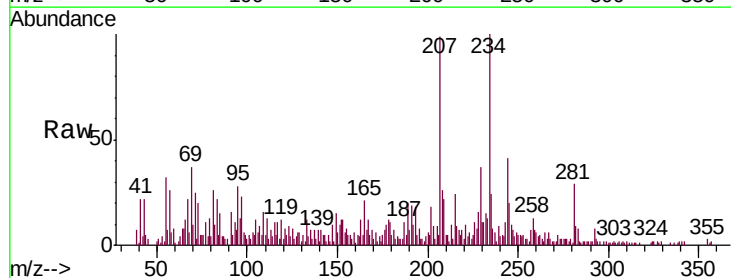
Tgt Ion:149 Resp: 2978

Ion Ratio Lower Upper

149 100

167 84.9 22.9 34.3#

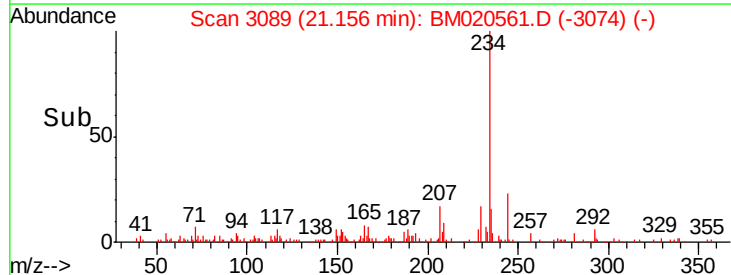
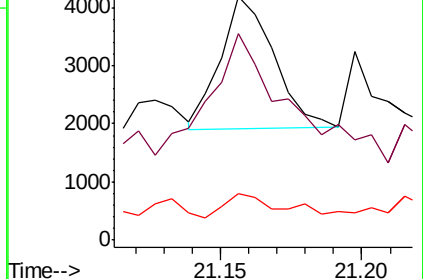
279 19.1 4.9 7.3#

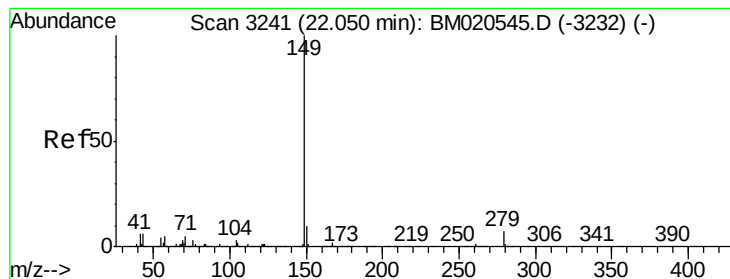


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.038 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

Instrument :

BNA_M

ClientSampleID :

TP-3-S

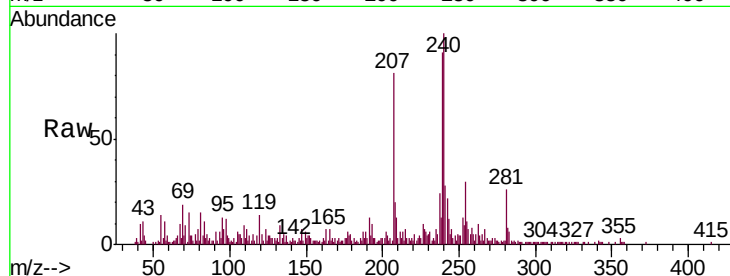
Tgt Ion:149 Resp: 1153

Ion Ratio Lower Upper

149 100

167 189.7 1.4 2.0#

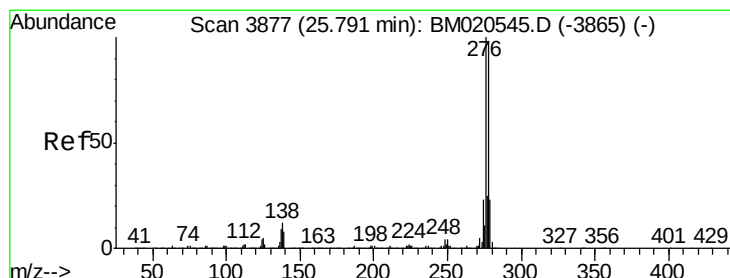
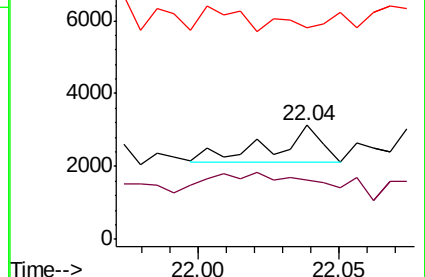
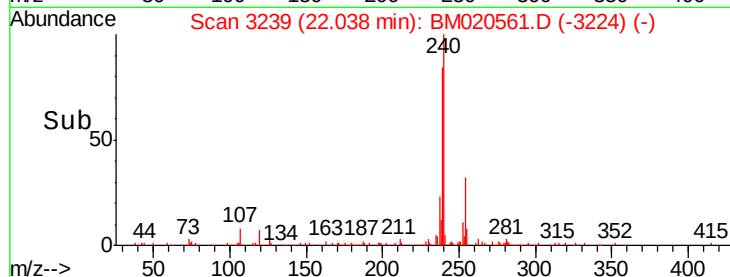
43 0.0 4.8 7.2#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.736 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.03 min

Lab File: BM020561.D

Acq: 25 May 2019 03:20

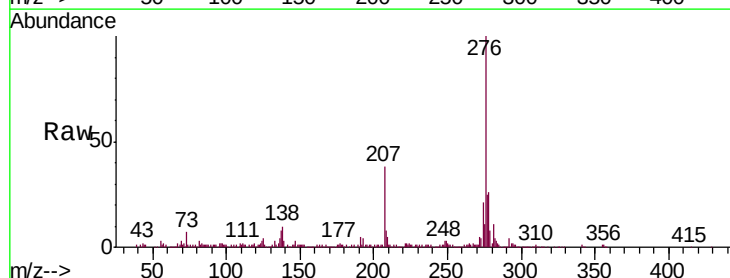
Tgt Ion:276 Resp: 423416

Ion Ratio Lower Upper

276 100

138 10.0 9.7 14.5

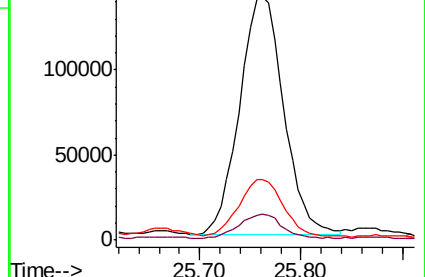
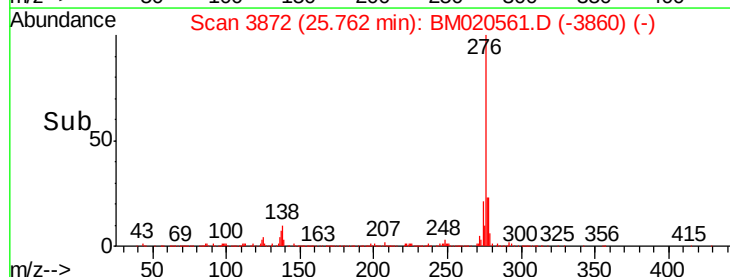
277 23.7 20.4 30.6

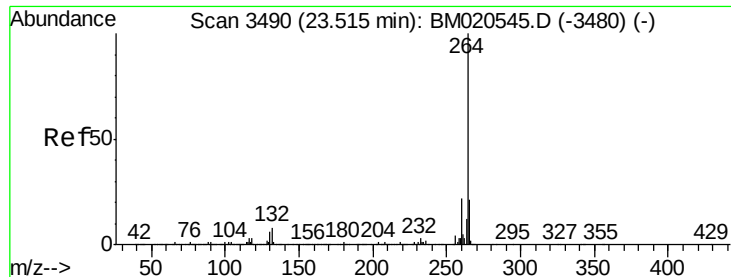


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



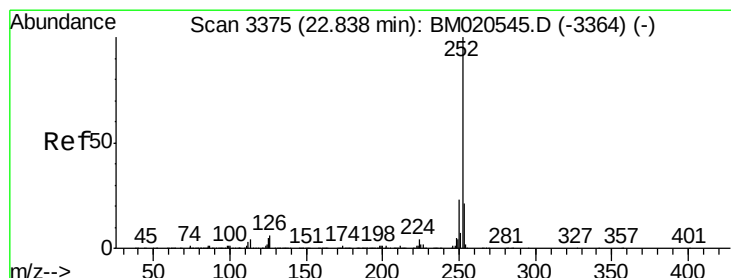
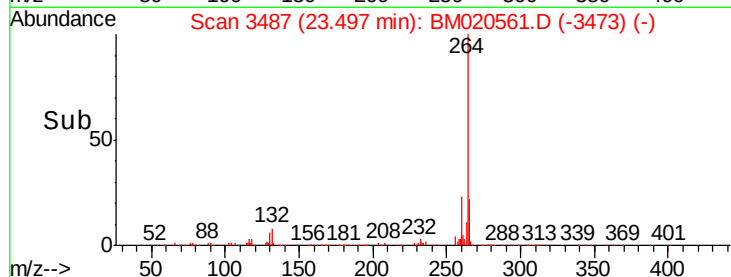
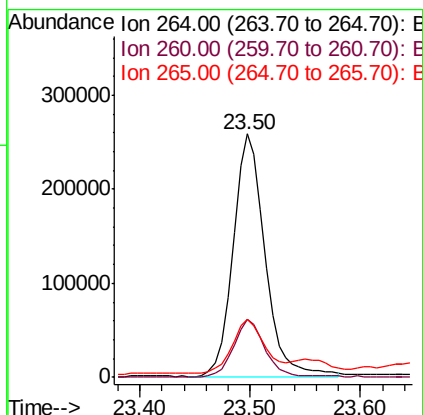
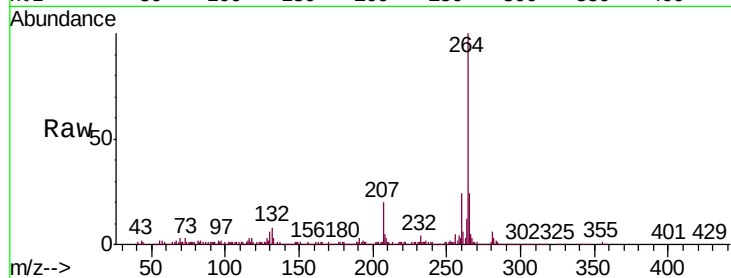


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampleId :
TP-3-S

Tgt Ion: 264 Resp: 521694

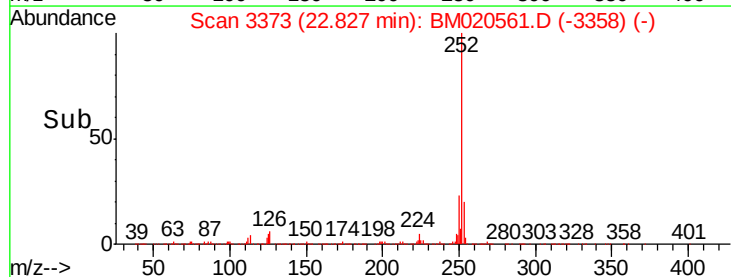
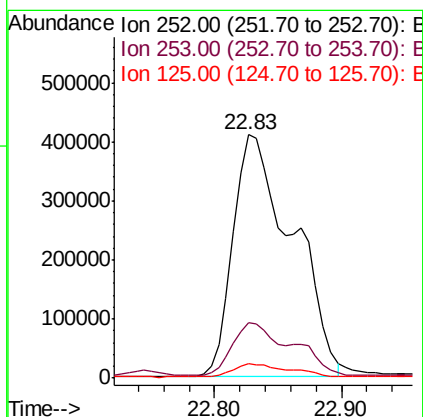
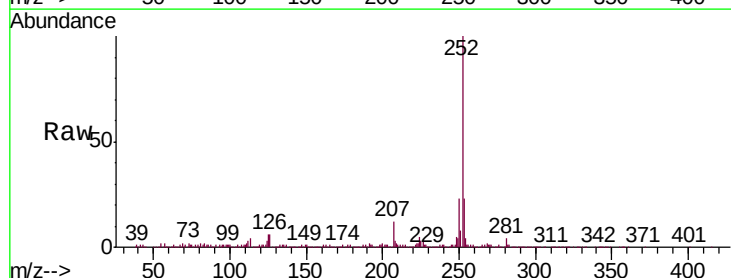
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.7	26.5
265	23.8	17.4	26.2

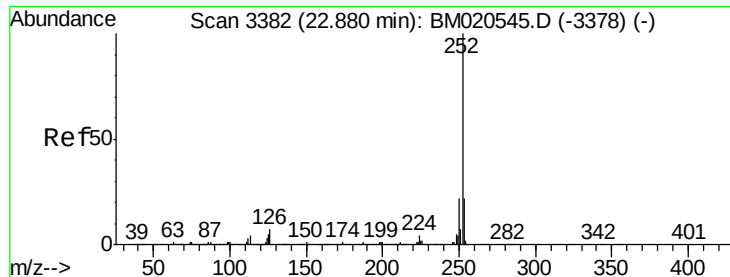


#88
Benzo(b)fluoranthene
Concen: 39.027 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion: 252 Resp: 1332615

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	5.8	3.8	5.8#

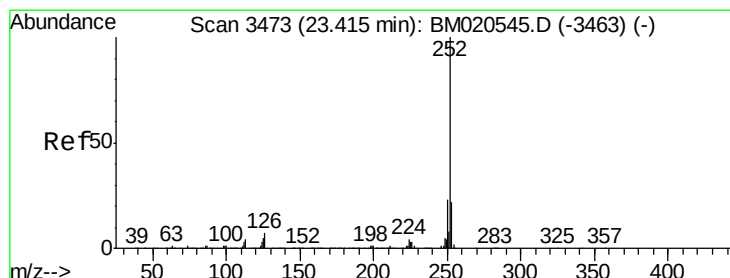
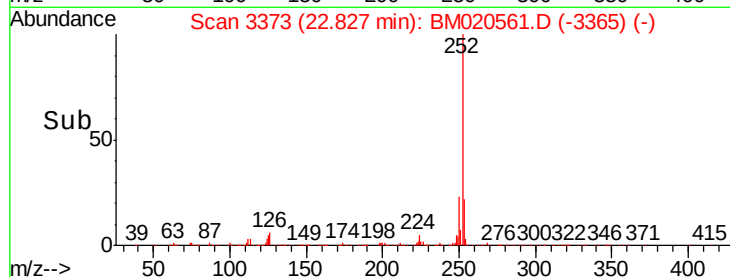
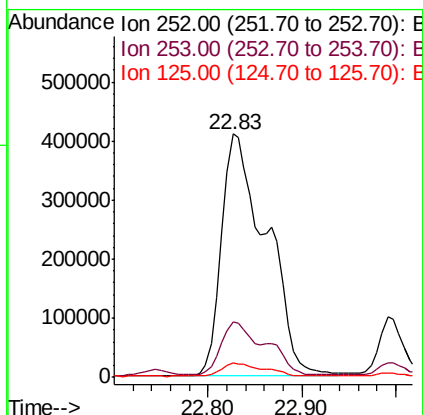
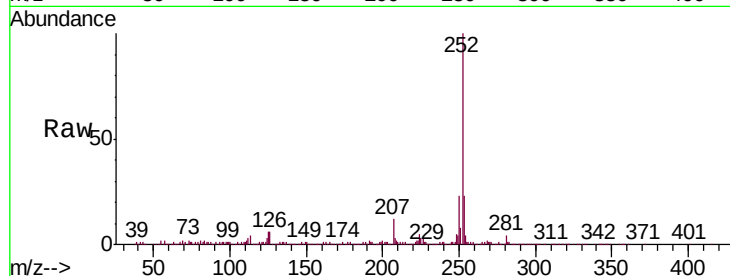




#89
Benzo(k)fluoranthene
Concen: 40.803 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

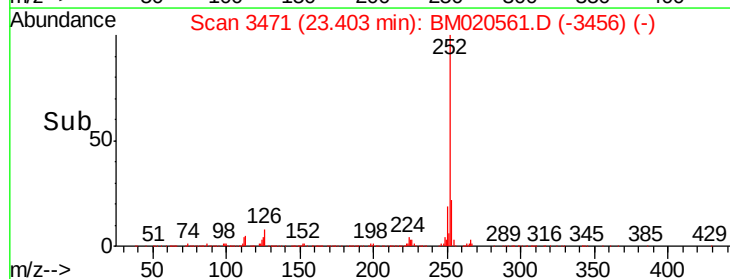
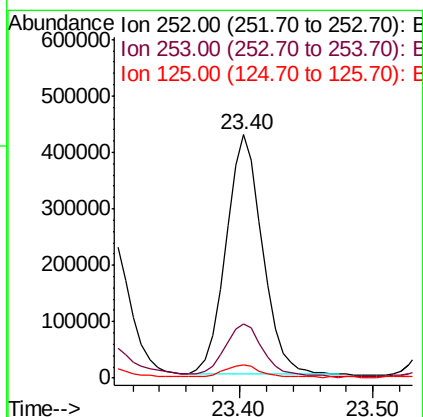
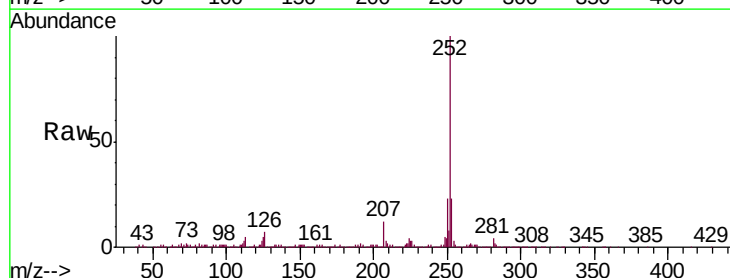
Instrument :
BNA_M
ClientSampleId :
TP-3-S

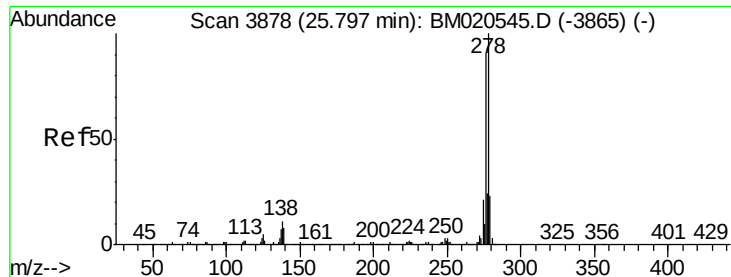
Tgt Ion:252 Resp: 1352187
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 5.8 4.2 6.4



#90
Benzo(a)pyrene
Concen: 25.514 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion:252 Resp: 801698
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.3 4.2 6.4

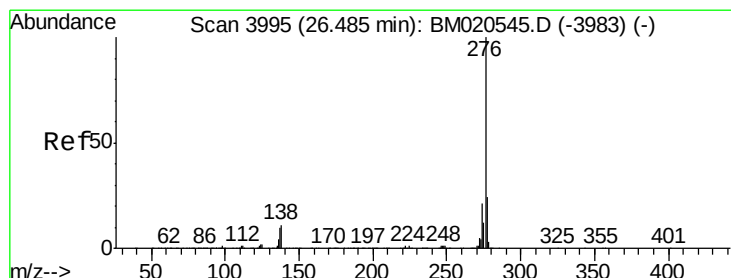
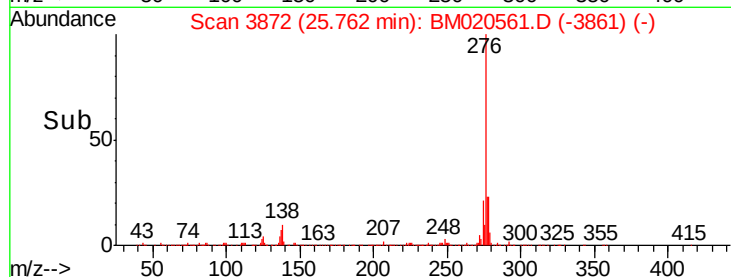
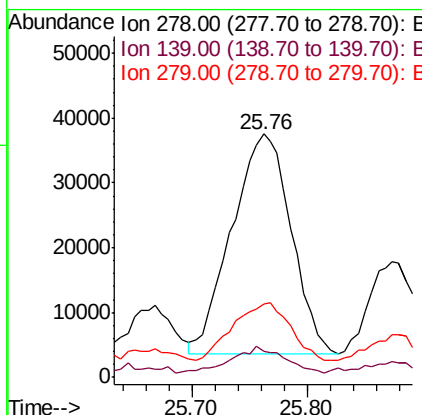
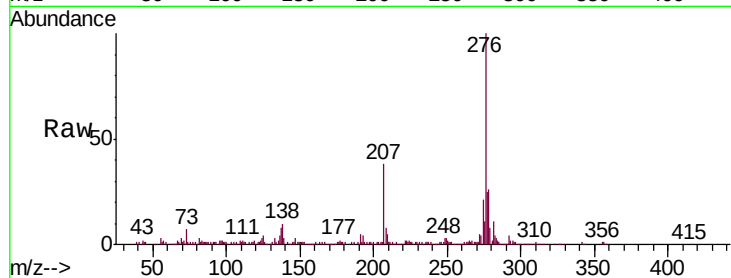




#91
Dibenzo(a,h)anthracene
Concen: 3.762 ng
RT: 25.76 min Scan# 3872
Delta R.T. -0.04 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Instrument :
BNA_M
ClientSampled :
TP-3-S

Tgt Ion: 278 Resp: 120989
Ion Ratio Lower Upper
278 100
139 10.5 6.3 9.5#
279 30.0 18.3 27.5#



#92
Benzo(g,h,i)perylene
Concen: 12.948 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.02 min
Lab File: BM020561.D
Acq: 25 May 2019 03:20

Tgt Ion: 276 Resp: 386042
Ion Ratio Lower Upper
276 100
277 26.5 19.1 28.7
138 10.9 8.6 12.8

