

Data File : BM020554.D
Acq On : 24 May 2019 23:08
Operator : JU/SJ
Sample : PB119999TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Quant Time: May 25 05:26:54 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	46056	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	142844	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	114884	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	323457	20.00	ng	0.00
76) Chrysene-d12	21.26	240	444901	20.00	ng	-0.01
87) Perylene-d12	23.50	264	535511	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	282969	120.53	ng	0.00
7) Phenol-d6	6.84	99	382714	108.01	ng	0.00
23) Nitrobenzene-d5	8.83	82	239715	70.44	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	245356	106.60	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	623417	68.09	ng	0.00
79) Terphenyl-d14	19.70	244	1651097	67.09	ng	0.00

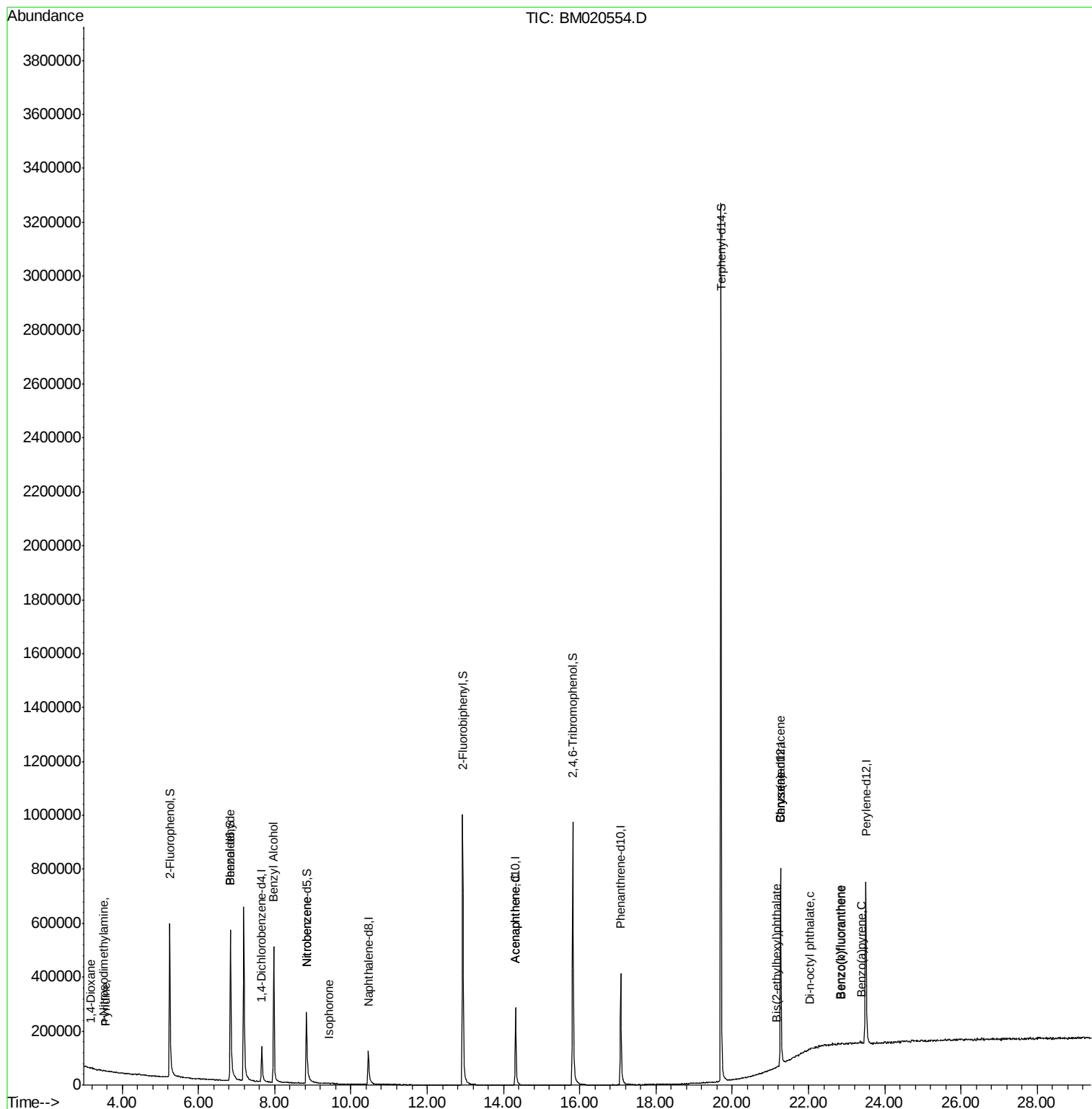
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	719	0.585	ng	# 65
3) Pyridine	3.57	79	125	1.246	ng	# 1
4) n-Nitrosodimethylamine	3.52	42	633	0.727	ng	# 1
9) Benzaldehyde	6.84	77	655	0.290	ng	# 8
15) Benzyl Alcohol	7.97	79	4731	1.443	ng	# 54
24) Nitrobenzene	8.84	77	749	0.223	ng	# 46
25) Isophorone	9.42	82	572	0.090	ng	# 68
52) Acenaphthene	14.31	154	108	0.016	ng	# 5
81) Benzo(a)anthracene	21.26	228	869	0.028	ng	# 53
83) Chrysene	21.26	228	869	0.029	ng	# 51
84) Bis(2-ethylhexyl)phthalate	21.16	149	406	0.028	ng	# 52
85) Di-n-octyl phthalate	22.03	149	213	0.009	ng	# 1
88) Benzo(b)fluoranthene	22.83	252	116	0.003	ng	# 60
89) Benzo(k)fluoranthene	22.86	252	109	0.003	ng	# 60
90) Benzo(a)pyrene	23.39	252	251	0.008	ng	# 60

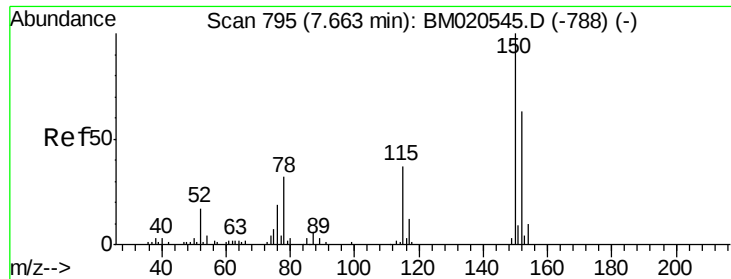
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM020554.D
Acq On : 24 May 2019 23:08
Operator : JU/SJ
Sample : PB119999TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Quant Time: May 25 05:26:54 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



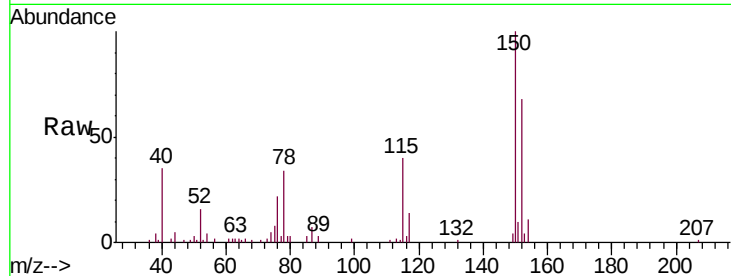


#1

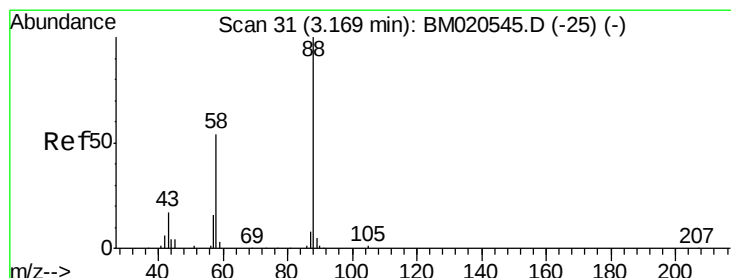
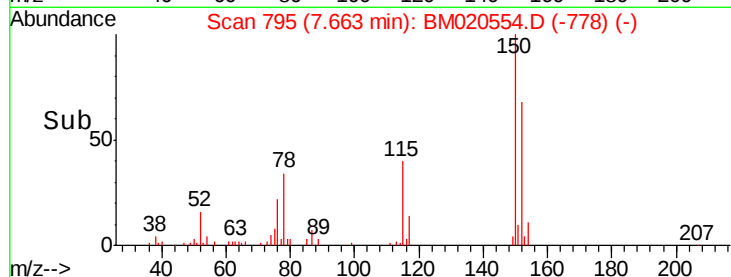
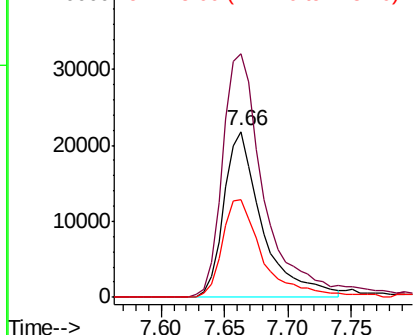
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Tgt Ion:152 Resp: 46056
Ion Ratio Lower Upper
152 100
150 147.0 126.6 190.0
115 58.8 46.6 70.0



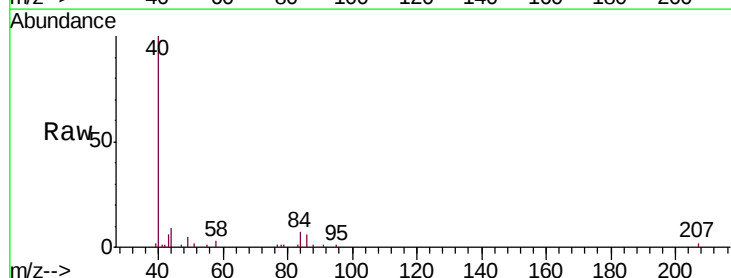
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



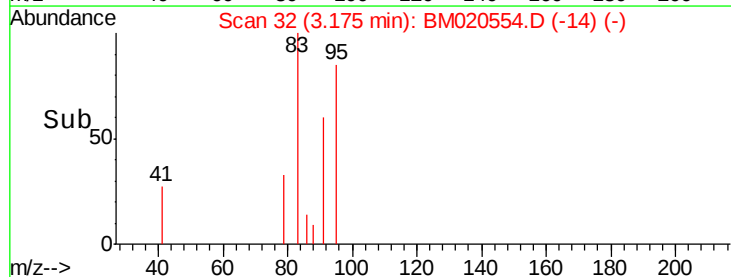
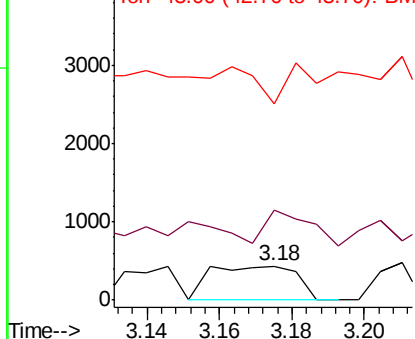
#2

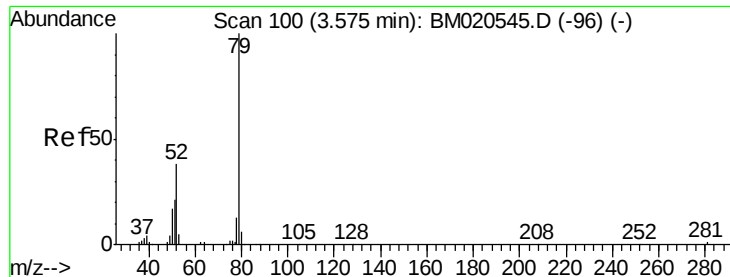
1,4-Dioxane
Concen: 0.585 ng
RT: 3.18 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion: 88 Resp: 719
Ion Ratio Lower Upper
88 100
58 52.2 42.3 63.5
43 77.2 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: 1.246 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

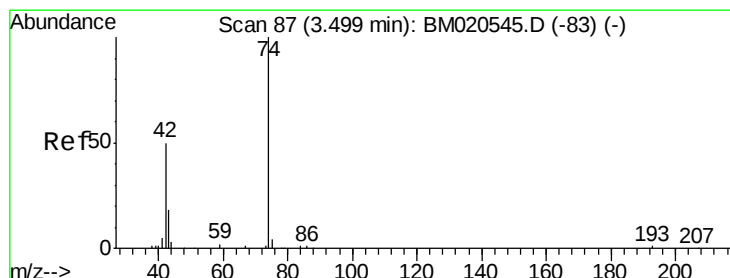
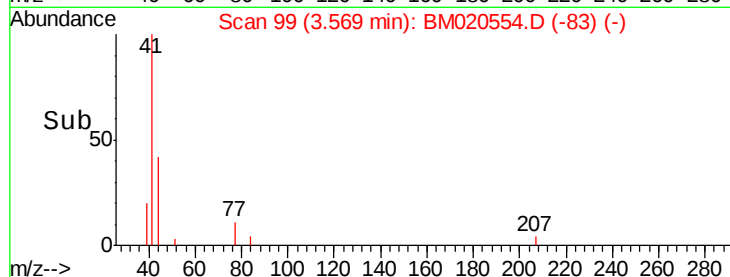
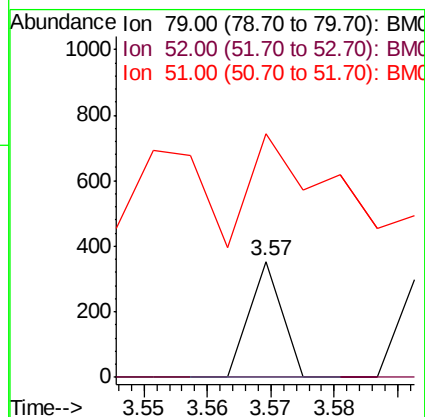
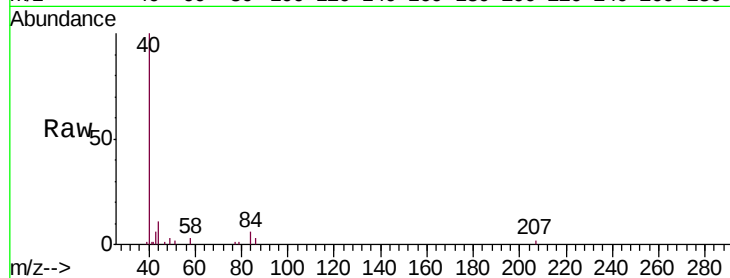
Tgt Ion: 79 Resp: 125

Ion Ratio Lower Upper

79 100

52 0.0 30.1 45.1#

51 210.5 17.8 26.8#



#4

n-Nitrosodimethylamine

Concen: 0.727 ng

RT: 3.52 min Scan# 90

Delta R.T. 0.02 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

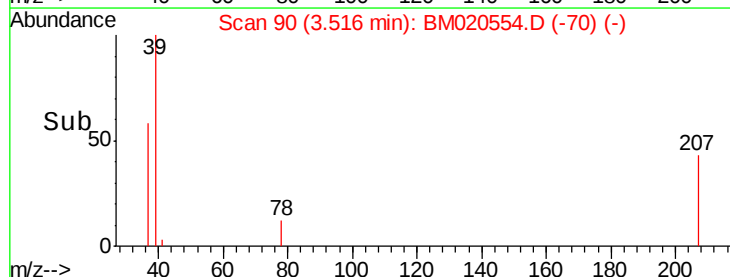
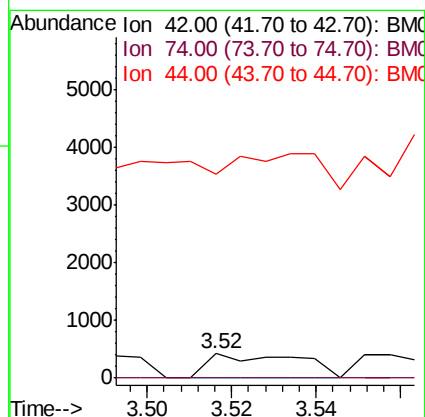
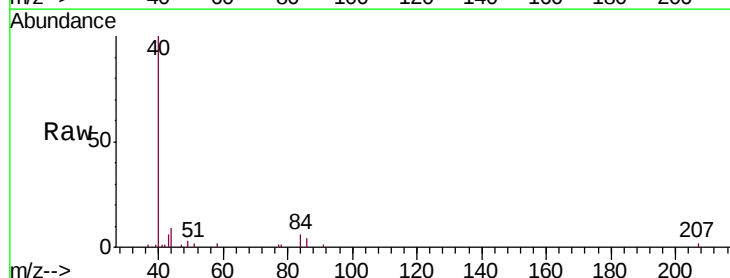
Tgt Ion: 42 Resp: 633

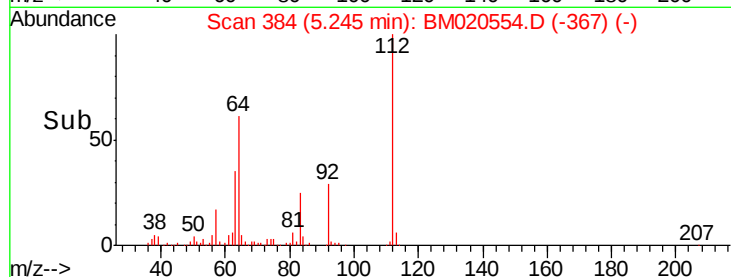
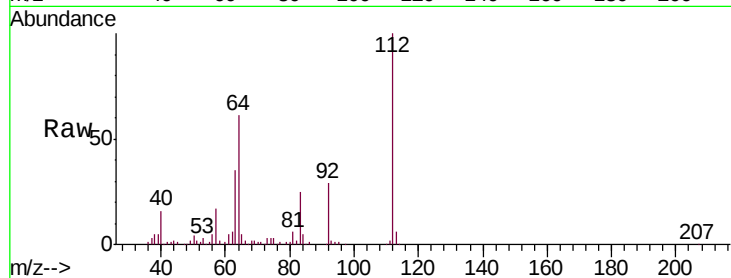
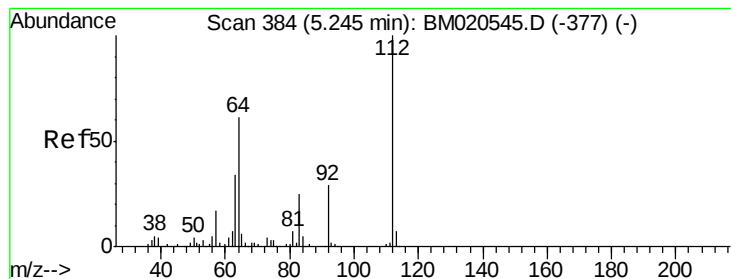
Ion Ratio Lower Upper

42 100

74 0.0 161.1 241.7#

44 824.8 20.9 31.3#





#5

2-Fluorophenol

Concen: 120.534 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

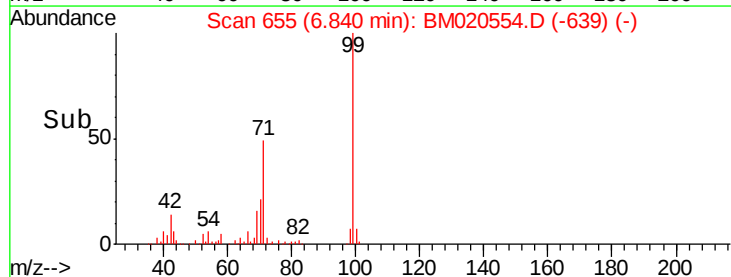
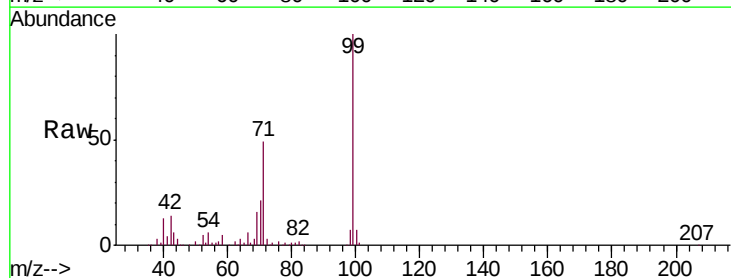
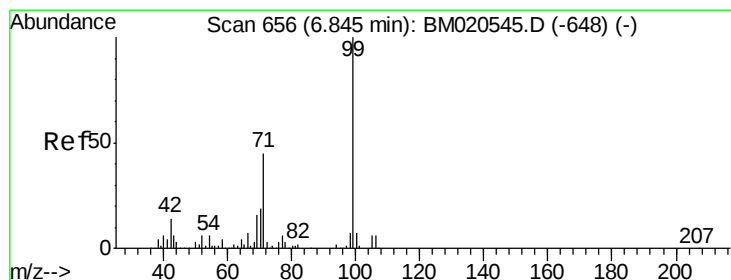
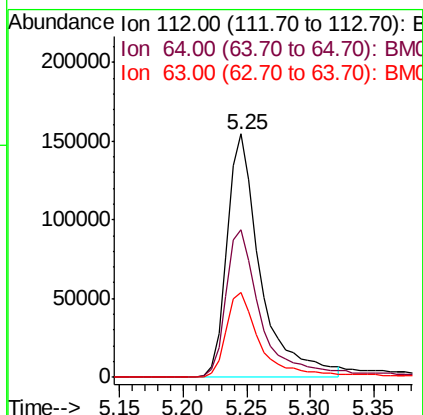
Tgt Ion: 112 Resp: 282969

Ion Ratio Lower Upper

112 100

64 60.8 48.6 73.0

63 34.9 27.4 41.0



#7

Phenol-d6

Concen: 108.008 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

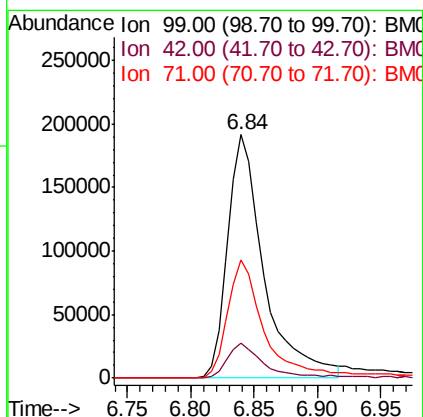
Tgt Ion: 99 Resp: 382714

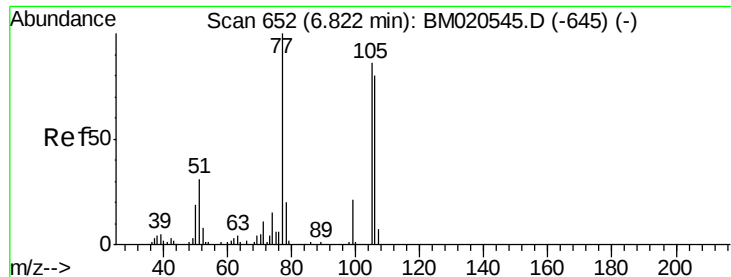
Ion Ratio Lower Upper

99 100

42 14.1 10.8 16.2

71 48.7 36.3 54.5





#9

Benzaldehyde

Concen: 0.290 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.02 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

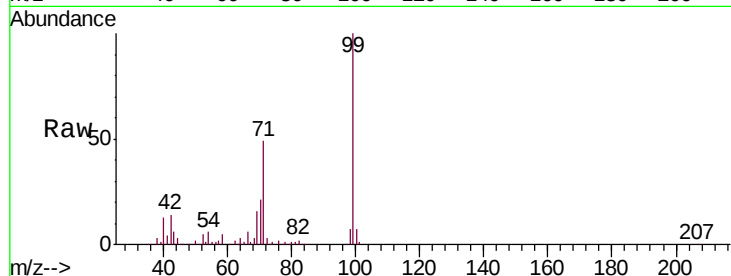
Tgt Ion: 77 Resp: 655

Ion Ratio Lower Upper

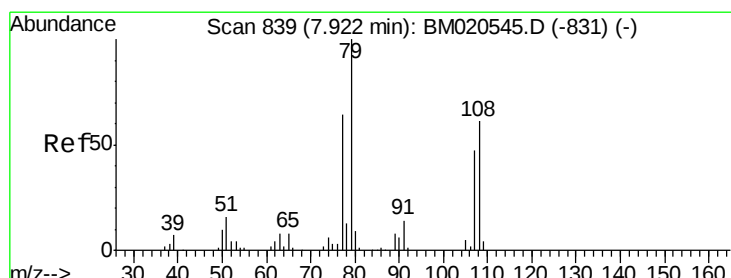
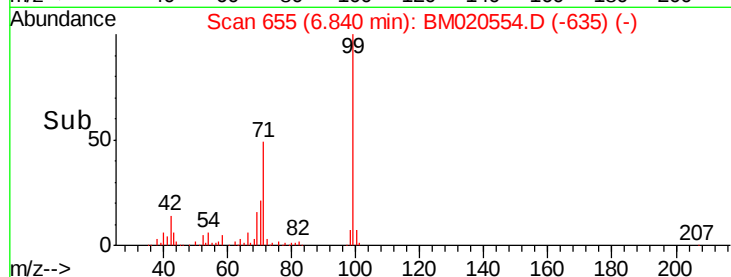
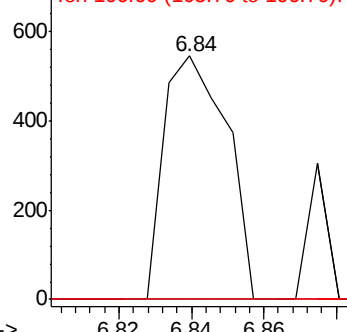
77 100

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) (-)



#15

Benzyl Alcohol

Concen: 1.443 ng

RT: 7.97 min Scan# 847

Delta R.T. 0.05 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

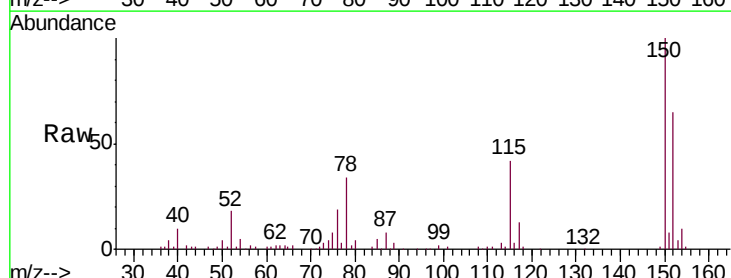
Tgt Ion: 79 Resp: 4731

Ion Ratio Lower Upper

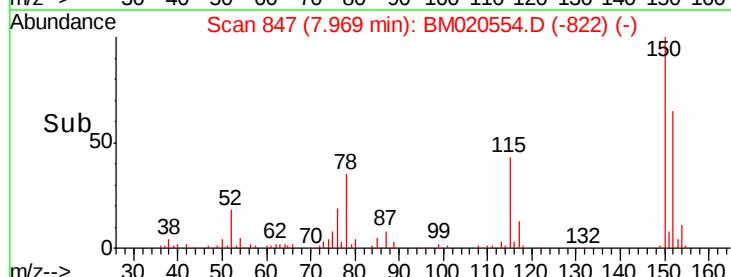
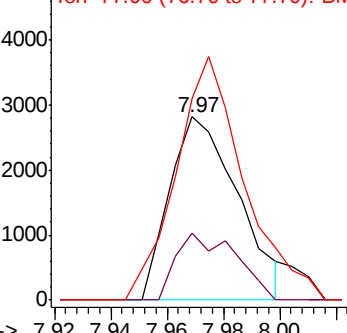
79 100

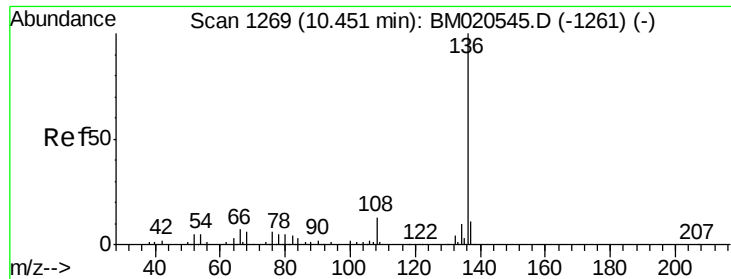
108 36.4 48.5 72.7#

77 110.2 50.9 76.3#



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

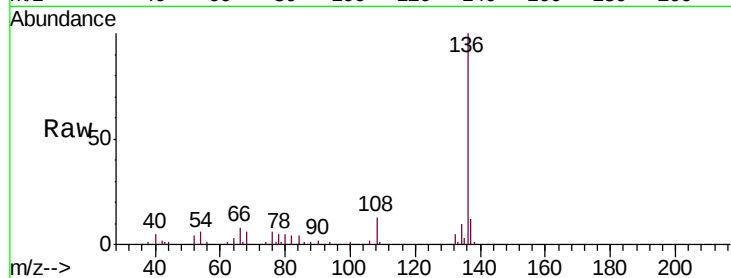




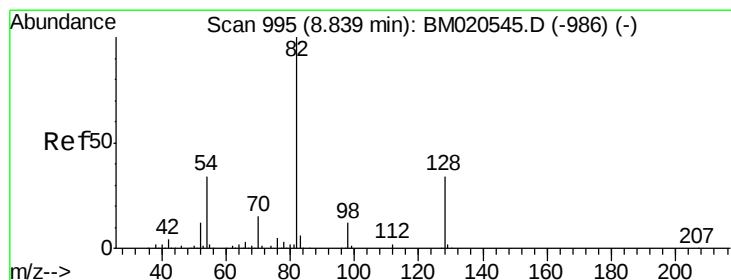
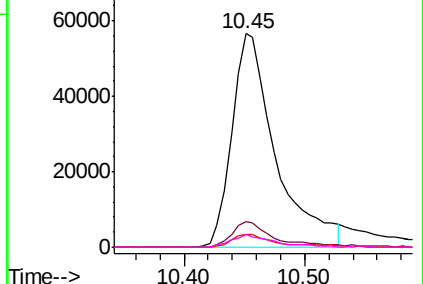
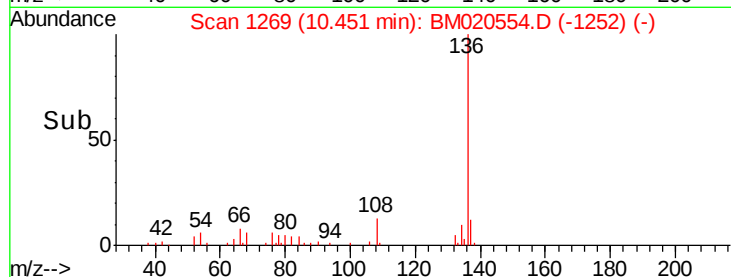
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Tgt Ion:	136	Resp:	142844
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.4	12.6
54	5.9	4.2	6.4
68	6.3	4.6	7.0

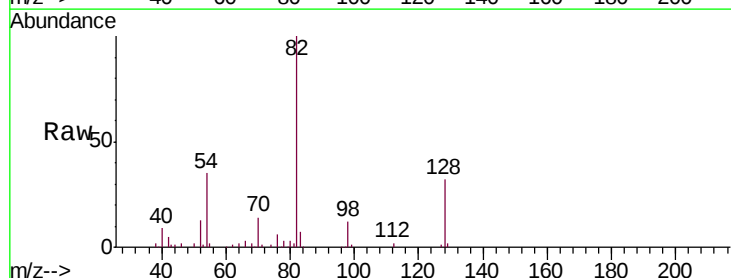


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

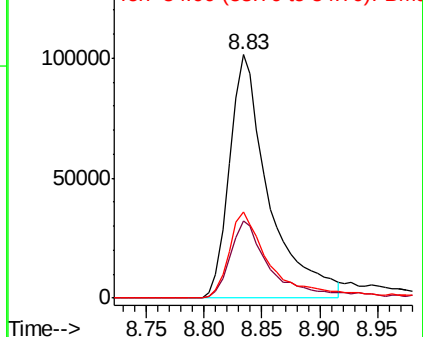
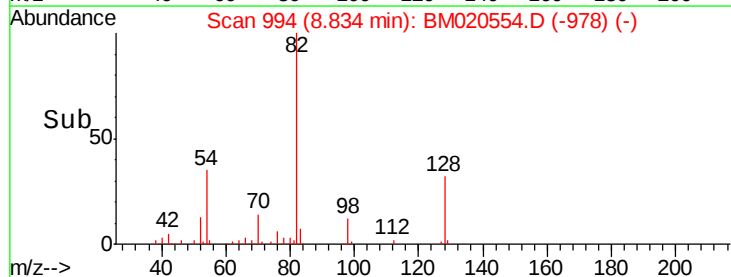


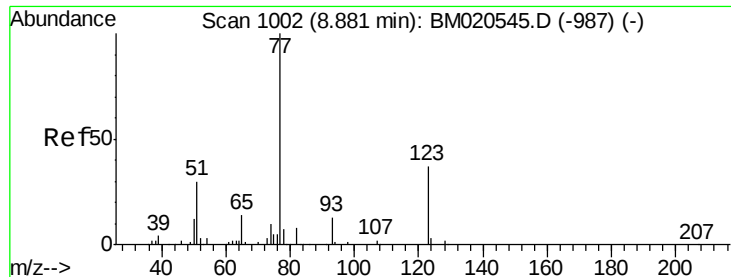
#23
Nitrobenzene-d5
Concen: 70.437 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion:	82	Resp:	239715
Ion	Ratio	Lower	Upper
82	100		
128	31.6	27.0	40.4
54	35.4	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

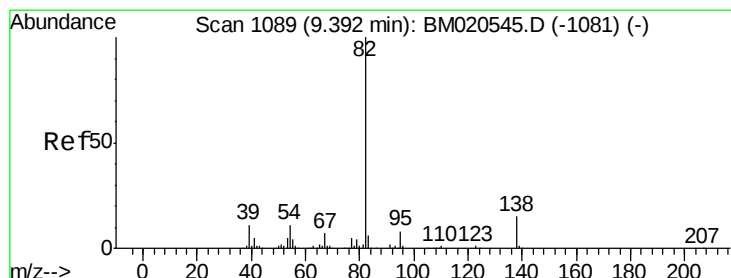
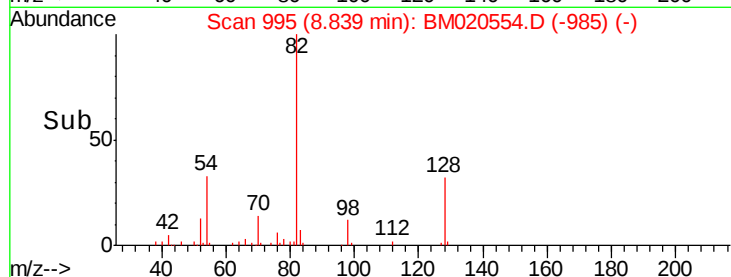
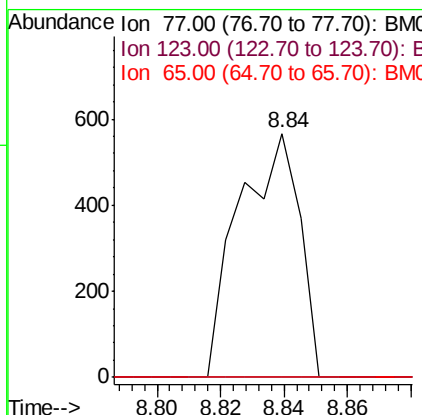
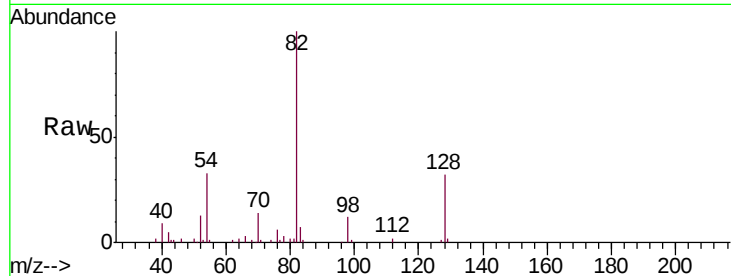




#24
Nitrobenzene
Concen: 0.223 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.04 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

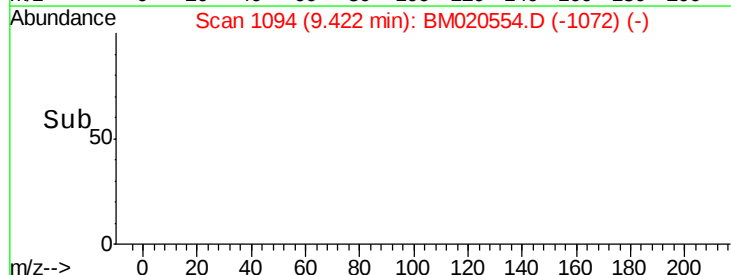
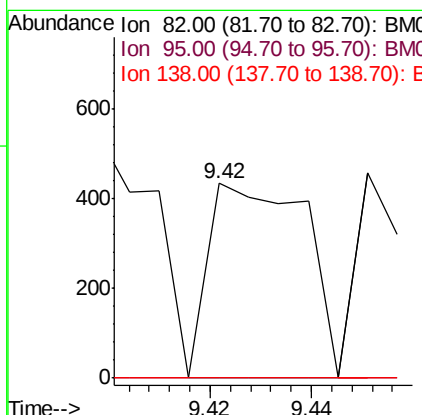
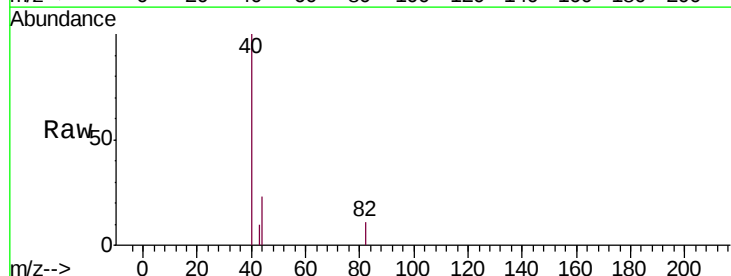
Instrument :
BNA_M
ClientSampleId :
PB119999TB

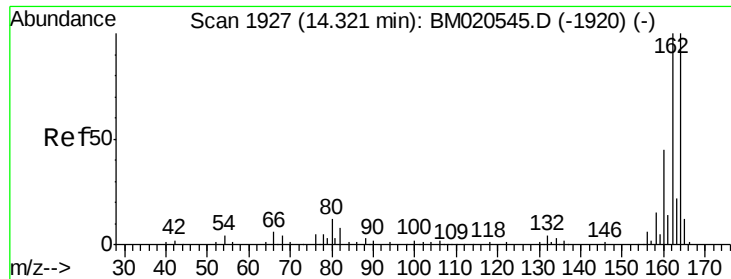
Tgt Ion: 77 Resp: 749
Ion Ratio Lower Upper
77 100
123 0.0 29.4 44.2#
65 0.0 10.8 16.2#



#25
Isophorone
Concen: 0.090 ng
RT: 9.42 min Scan# 1094
Delta R.T. 0.03 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion: 82 Resp: 572
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: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

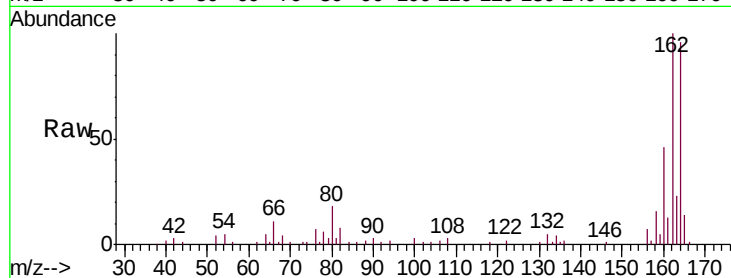
Tgt Ion:164 Resp: 114884

Ion Ratio Lower Upper

164 100

162 103.8 79.8 119.8

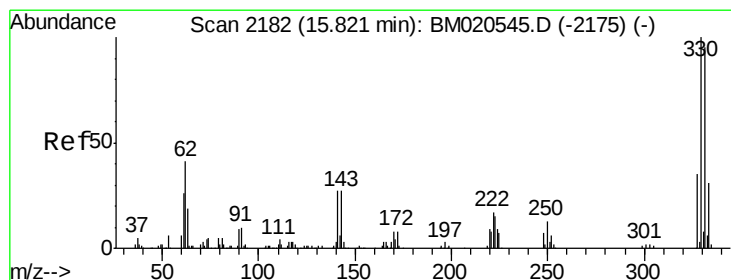
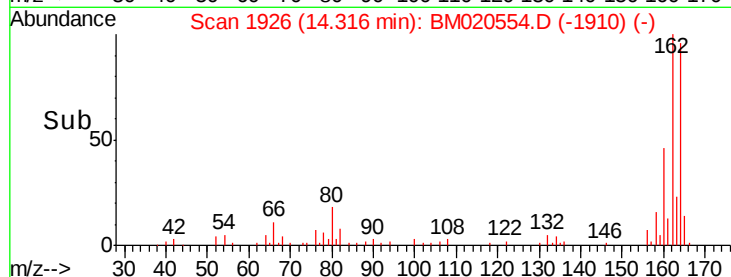
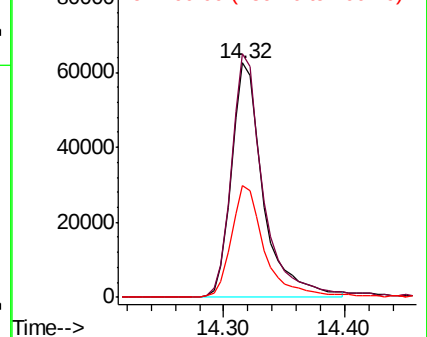
160 47.7 35.9 53.9



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: 106.600 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

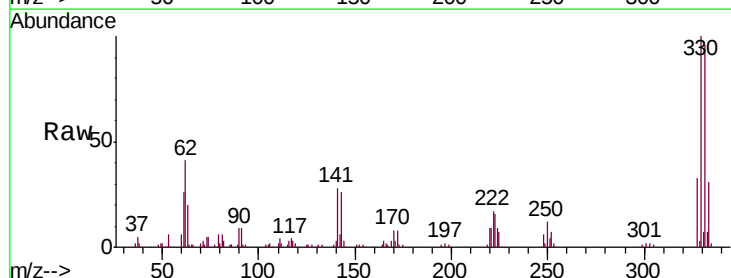
Tgt Ion:330 Resp: 245356

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

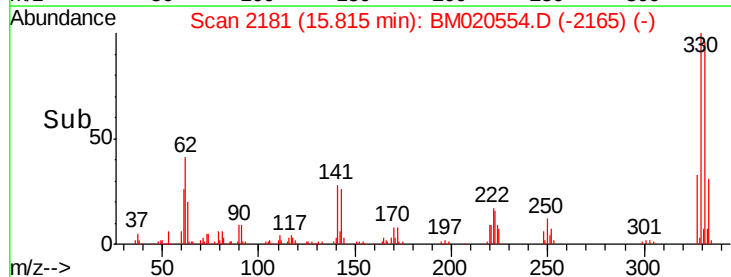
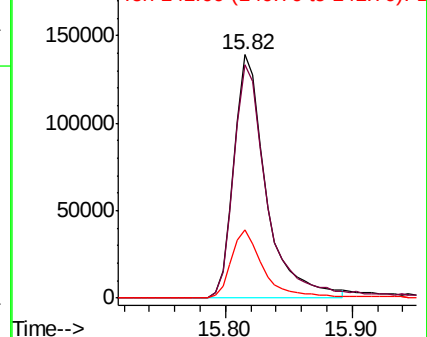
141 27.8 21.7 32.5

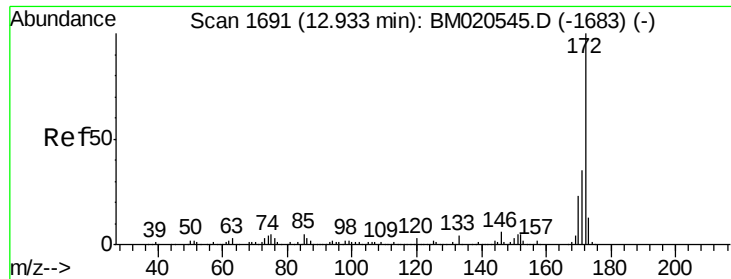


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

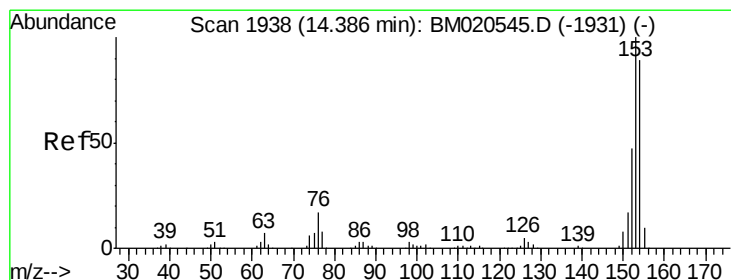
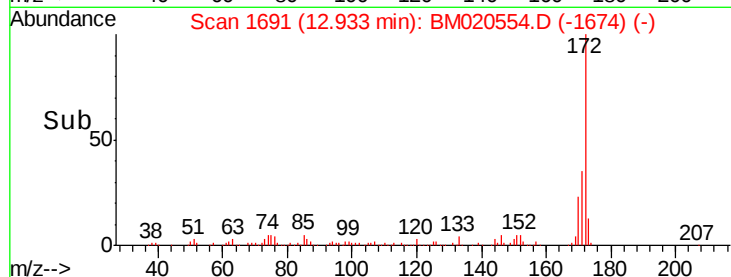
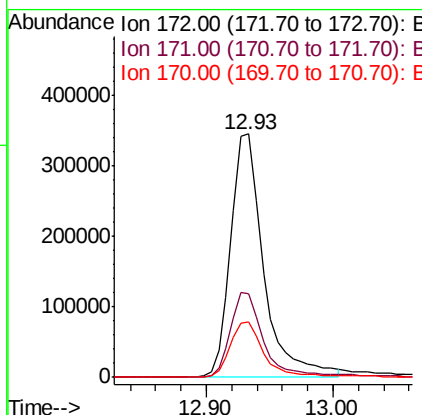
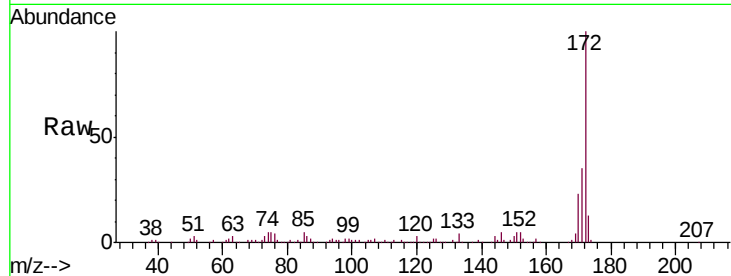




#45
2-Fluorobiphenyl
Concen: 68.092 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

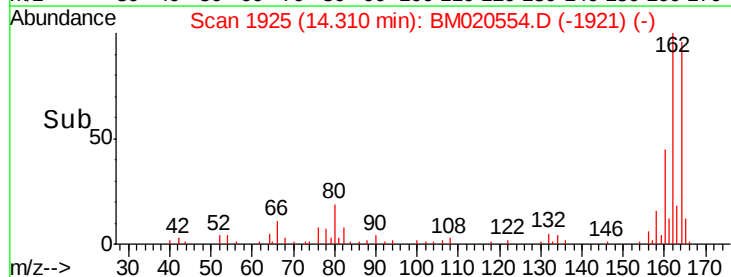
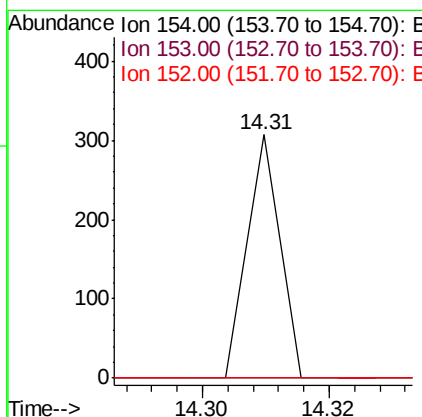
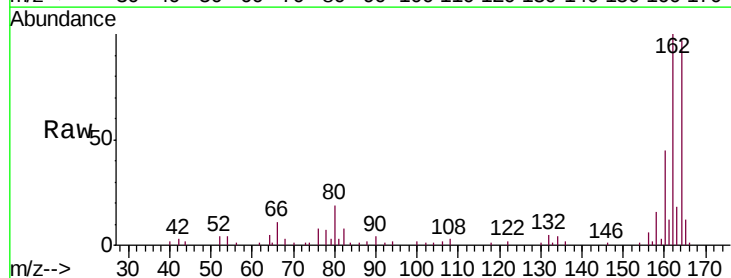
Instrument :
BNA_M
ClientSampleId :
PB119999TB

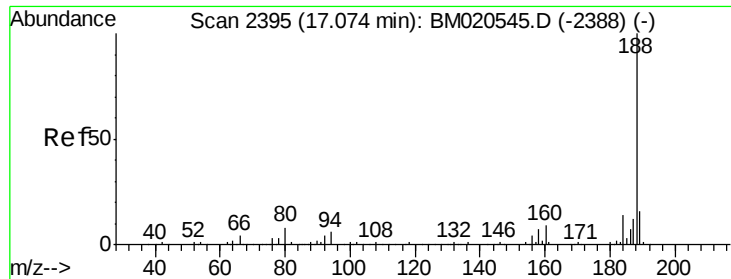
Tgt Ion:172 Resp: 623417
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.6 18.2 27.4



#52
Acenaphthene
Concen: 0.016 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.08 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion:154 Resp: 108
Ion Ratio Lower Upper
154 100
153 0.0 90.2 135.4#
152 0.0 42.0 63.0#

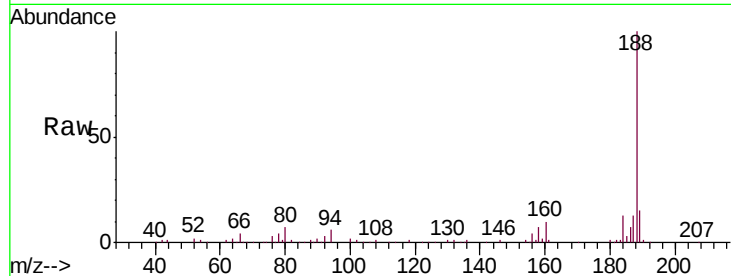




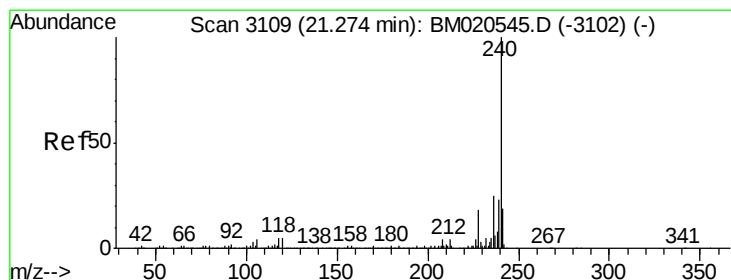
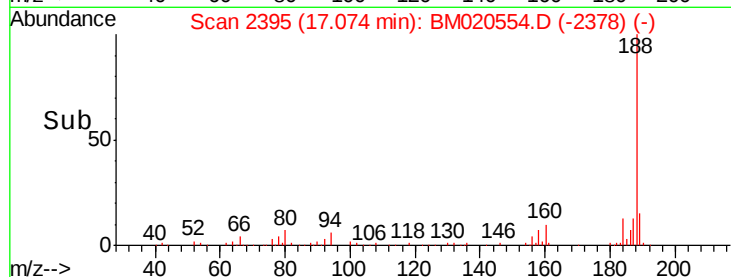
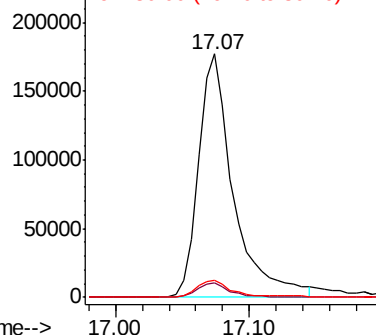
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Tgt Ion:188 Resp: 323457
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.4
80 7.2 6.5 9.7

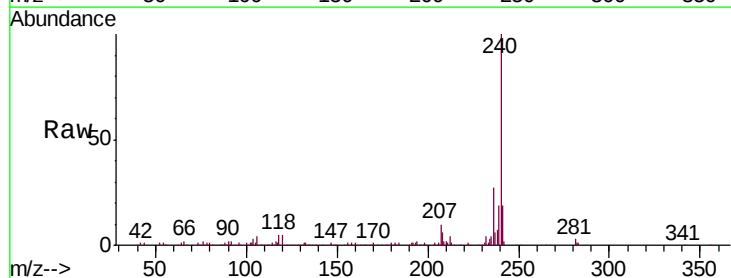


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

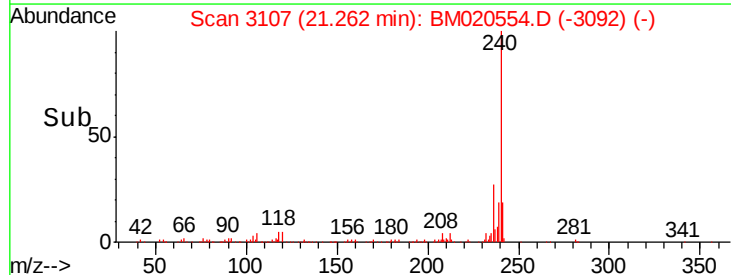
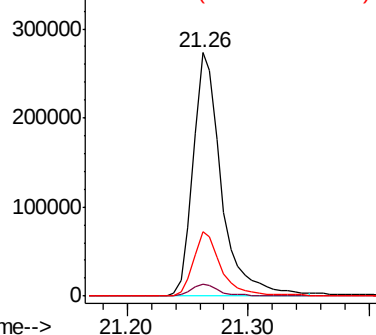


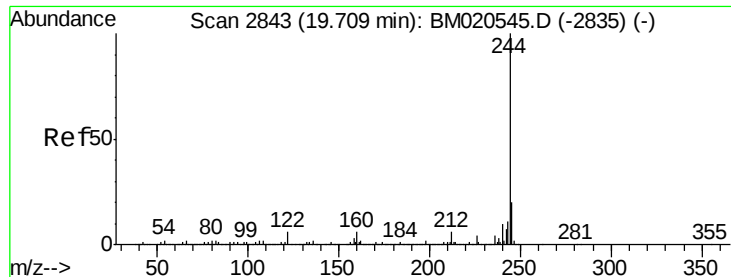
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion:240 Resp: 444901
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 26.7 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





#79

Terphenyl-d14

Concen: 67.090 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

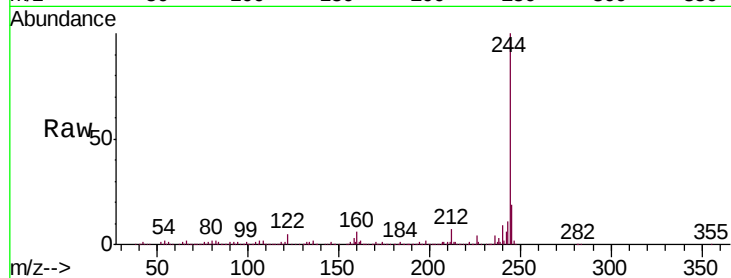
Tgt Ion:244 Resp: 1651097

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.6
122	5.4	4.6	7.0

244 100

212 6.8 5.0 7.6

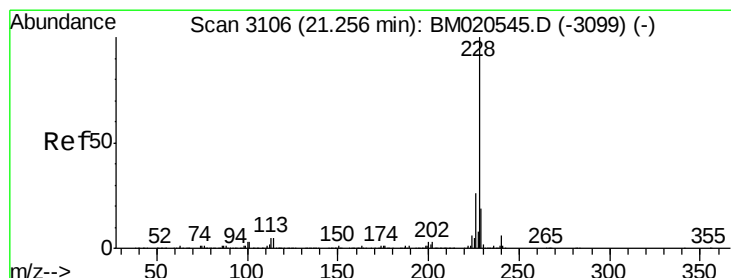
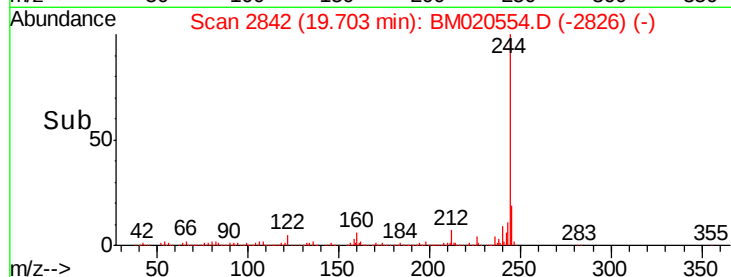
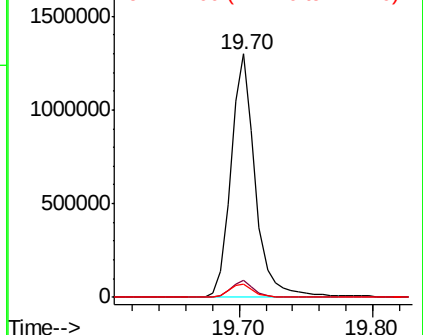
122 5.4 4.6 7.0



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: 0.028 ng

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

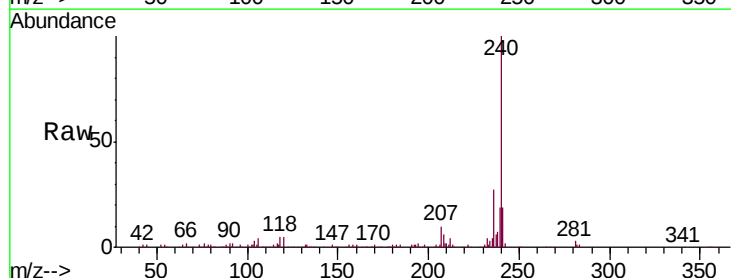
Tgt Ion:228 Resp: 869

Ion	Ratio	Lower	Upper
228	100		
226	0.0	20.7	31.1#
229	0.0	15.5	23.3#

228 100

226 0.0 20.7 31.1#

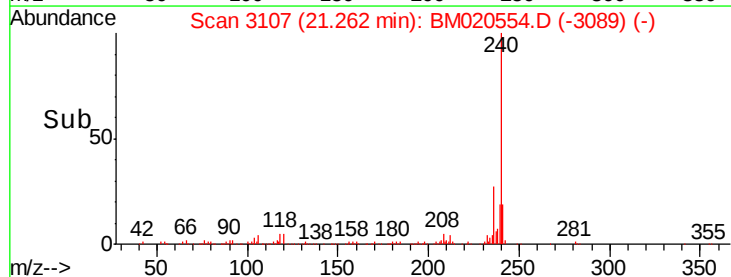
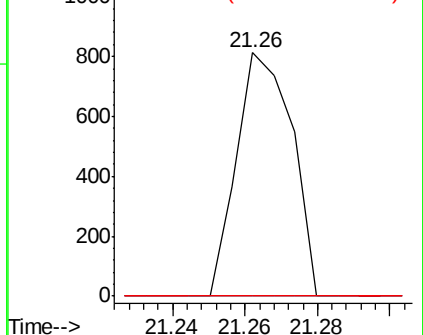
229 0.0 15.5 23.3#

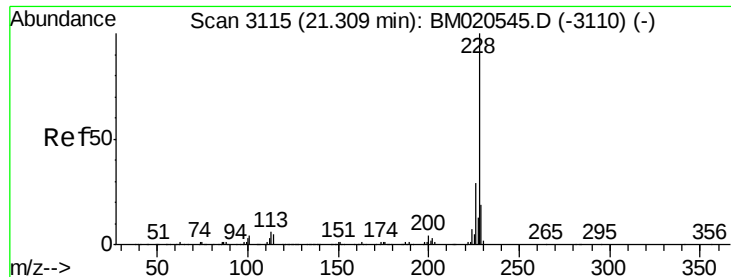


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.029 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.05 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

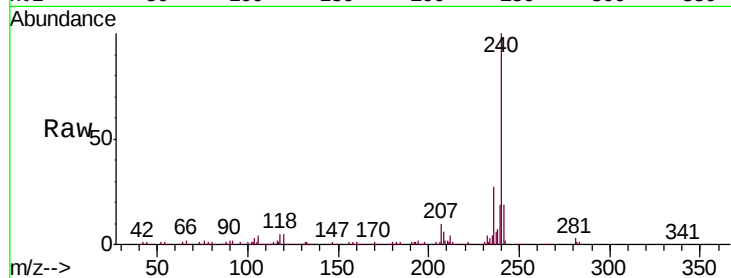
Tgt Ion: 228 Resp: 869

Ion Ratio Lower Upper

228 100

226 0.0 22.9 34.3#

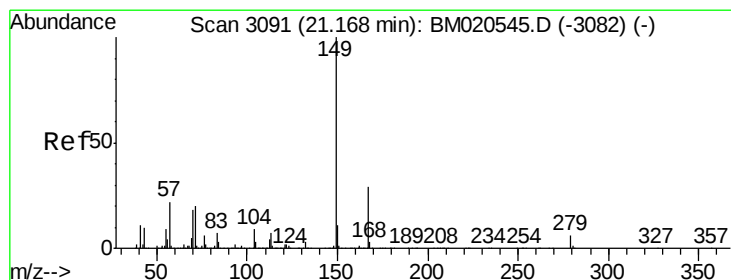
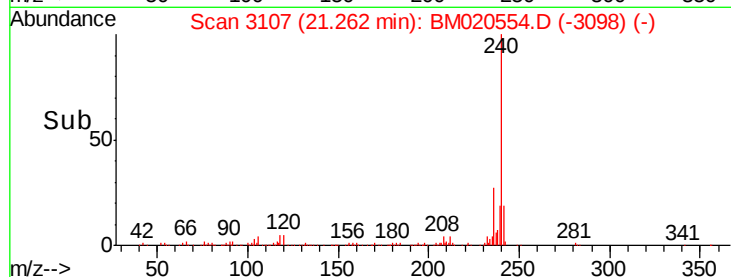
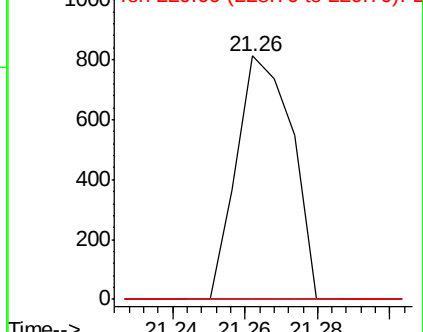
229 0.0 15.4 23.2#



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: 0.028 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

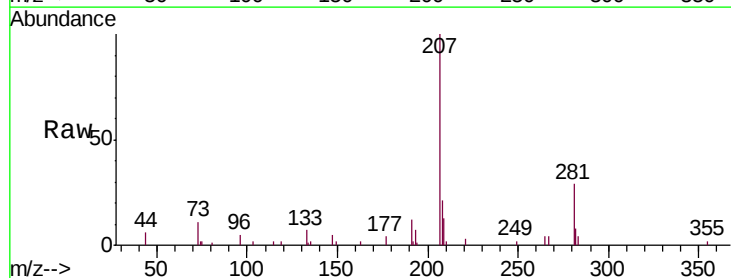
Tgt Ion: 149 Resp: 406

Ion Ratio Lower Upper

149 100

167 0.0 22.9 34.3#

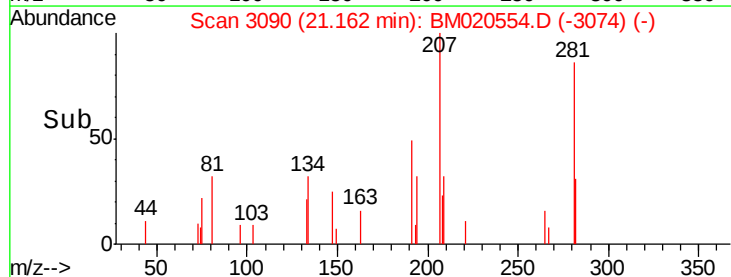
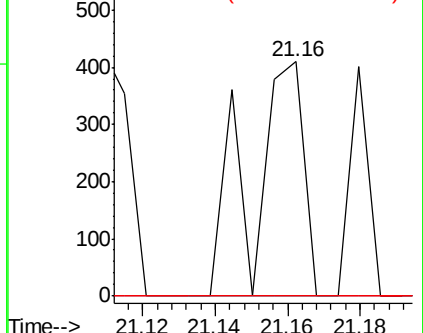
279 0.0 4.9 7.3#

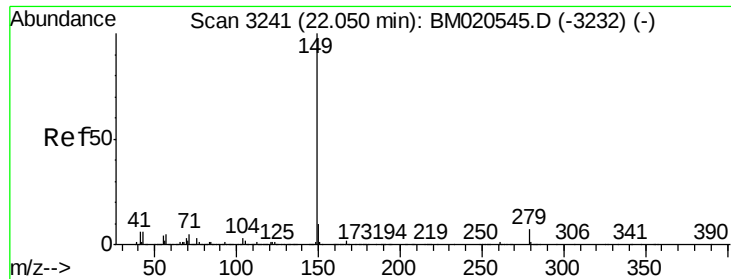


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

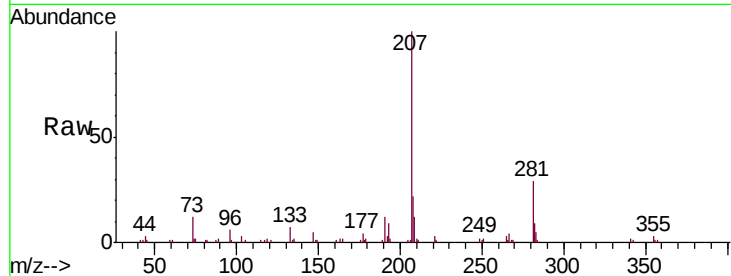




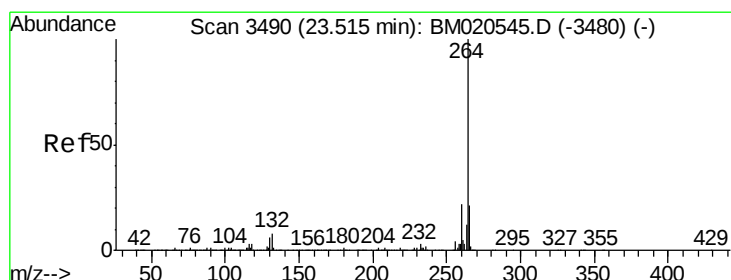
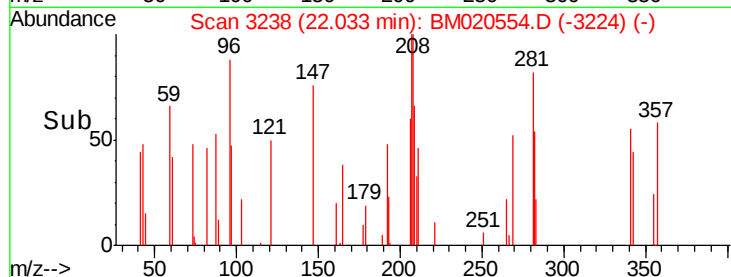
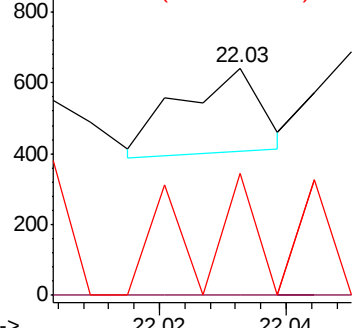
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 22.03 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Tgt Ion:149 Resp: 213
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 111.3 4.8 7.2#

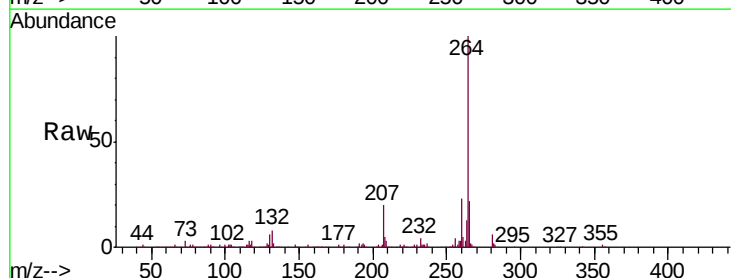


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

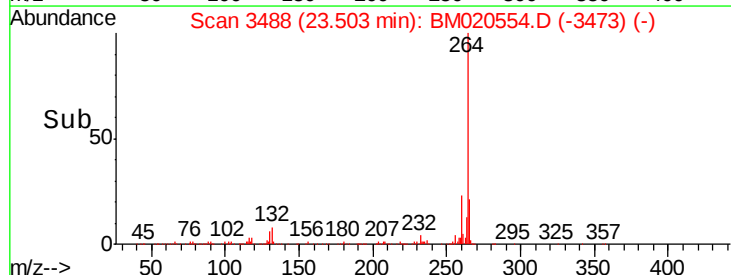
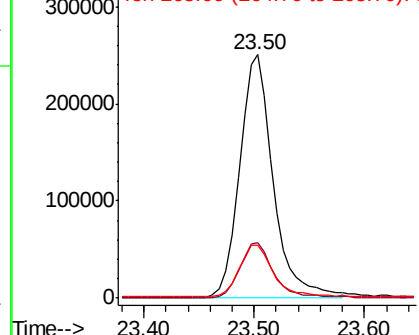


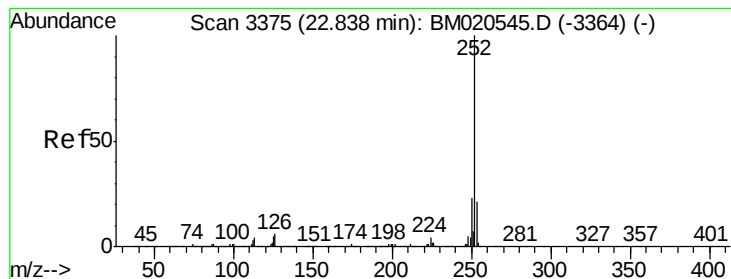
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion:264 Resp: 535511
Ion Ratio Lower Upper
264 100
260 22.6 17.7 26.5
265 21.8 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: 0.003 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

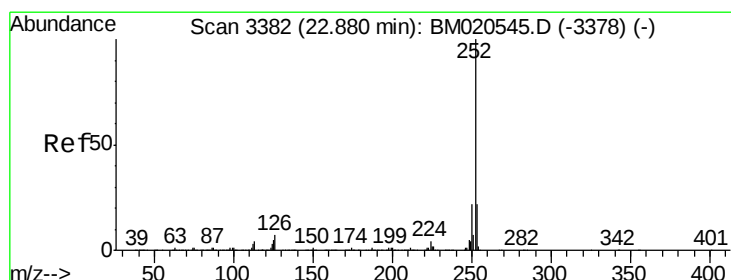
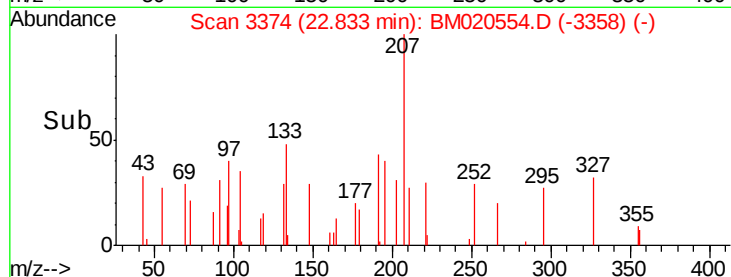
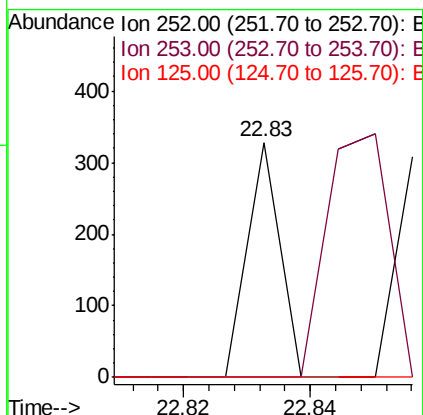
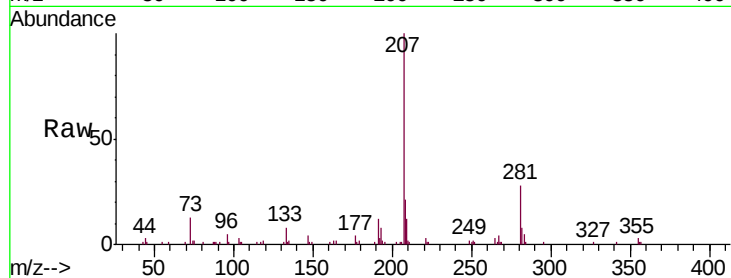
Instrument :

BNA_M

ClientSampleId :

PB119999TB

Tgt Ion:	252	Resp:	116
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: 0.003 ng

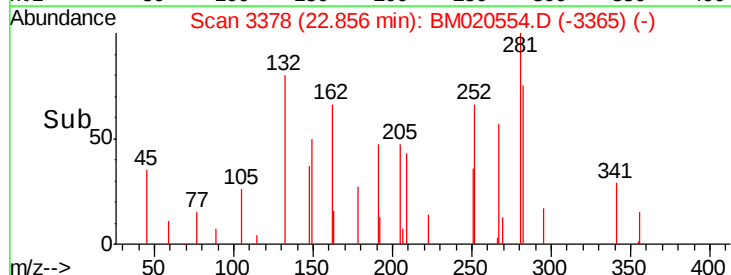
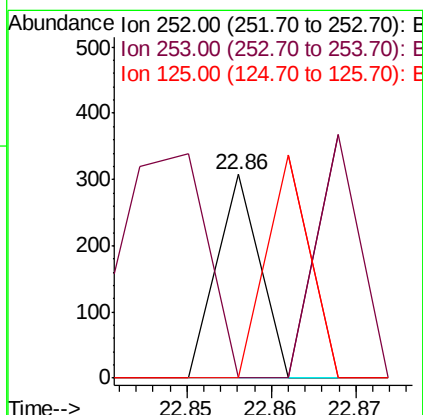
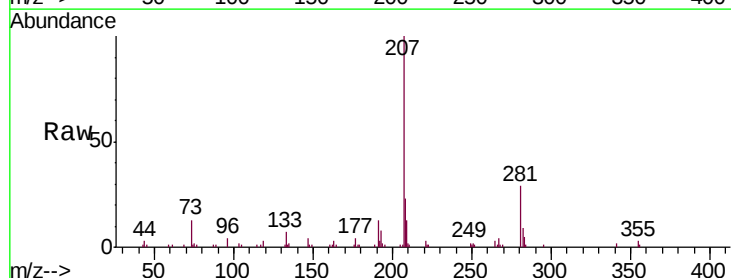
RT: 22.86 min Scan# 3378

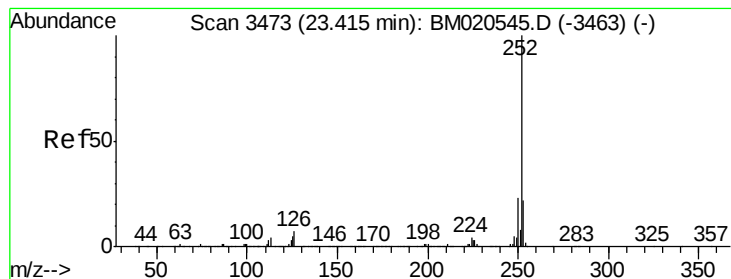
Delta R.T. -0.02 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Tgt Ion:	252	Resp:	109
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.6	26.4#
125	0.0	4.2	6.4#





#90

Benzo(a)pyrene

Concen: 0.008 ng

RT: 23.39 min Scan# 3469

Delta R.T. -0.02 min

Lab File: BM020554.D

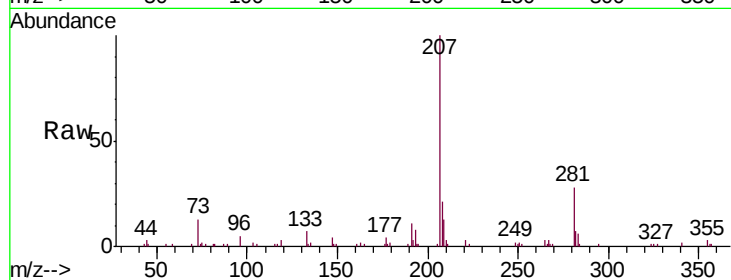
Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB



Tgt Ion:	252	Resp:	251
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	4.2	6.4#

