

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
 Data File : BM027445.D
 Acq On : 16 Sep 2020 17:44
 Operator : JU/CG
 Sample : L3971-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Sep 16 18:15:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	73518	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	256448	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	171237	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	398174	20.00	ng	0.00
76) Chrysene-d12	21.14	240	440633	20.00	ng	0.00
86) Perylene-d12	23.31	264	473912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	108537	24.58	ng	0.00
7) Phenol-d6	6.74	99	134113	22.51	ng	0.00
23) Nitrobenzene-d5	8.70	82	112881	18.80	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	67745	22.56	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	240924	18.71	ng	0.00
79) Terphenyl-d14	19.59	244	400647	15.83	ng	0.00

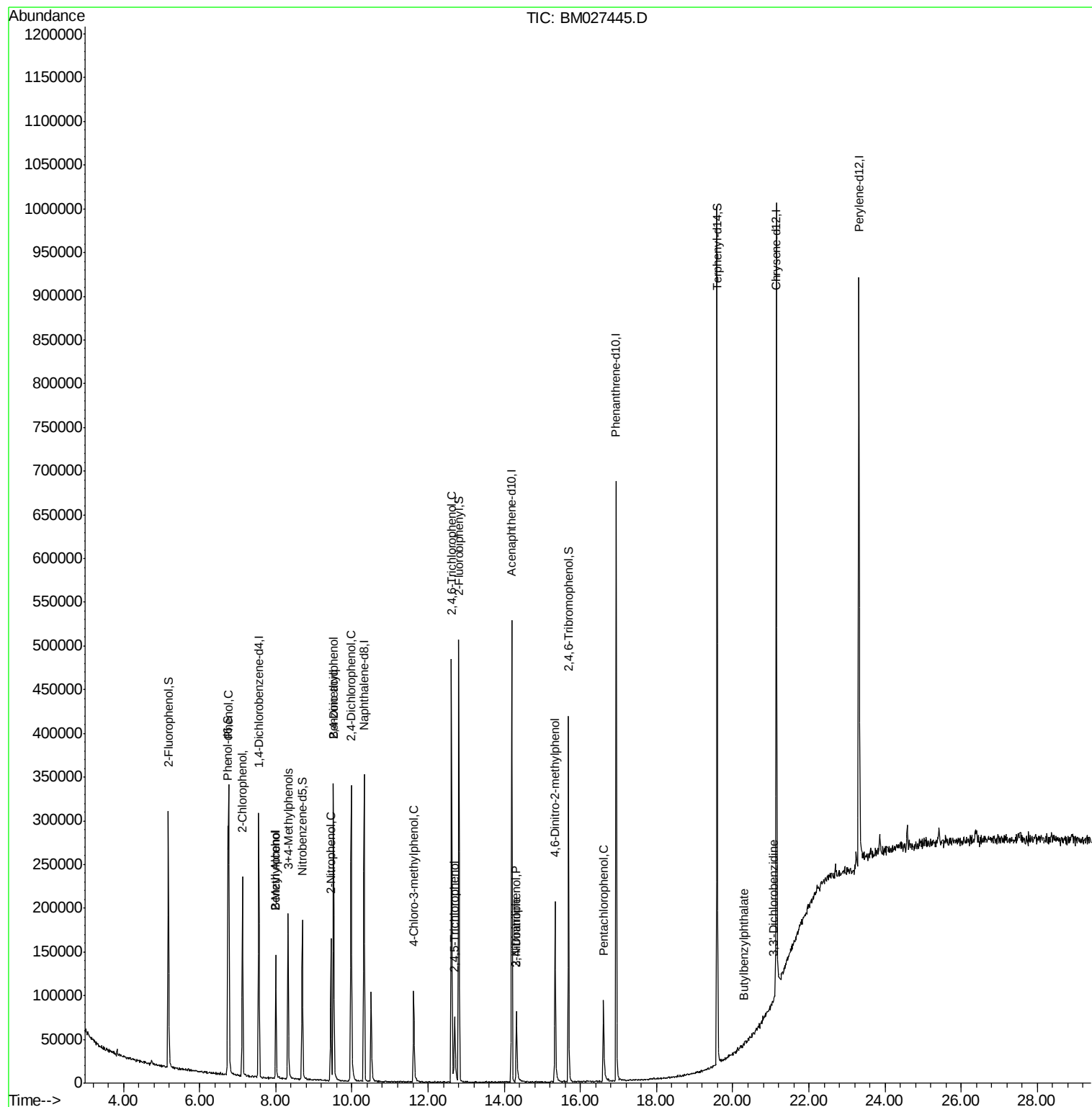
Target Compounds				Qvalue		
8) 2-Chlorophenol	7.12	128	80534	17.915	ng	97
10) Phenol	6.77	94	154676	27.012	ng	94
15) Benzyl Alcohol	8.00	79	22666	4.426	ng	# 6
17) 2-Methylphenol	8.00	107	35040	9.012	ng	97
20) 3+4-Methylphenols	8.32	107	76526	14.425	ng	95
26) 2-Nitrophenol	9.45	139	40142	17.305	ng	90
27) 2,4-Dimethylphenol	9.52	122	80138	20.228	ng	95
29) 2,4-Dichlorophenol	9.98	162	117522	25.764	ng	97
32) Benzoic acid	9.52	122	80138	30.894	ng	# 17
36) 4-Chloro-3-methylphenol	11.62	107	36835	7.516	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	104451	27.635	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	27055	6.585	ng	97
53) 3-Nitroaniline	14.32	138	781	3.429	ng	# 1
54) 2,4-Dinitrophenol	14.32	184	20789	15.886	ng	96
65) 4,6-Dinitro-2-methylphenol	15.34	198	47949	18.764	ng	97
70) Pentachlorophenol	16.60	266	22916	6.604	ng	96
80) Butylbenzylphthalate	20.29	149	102	3.913	ng	# 23
82) 3,3'-Dichlorobenzidine	21.06	252	231	3.402	ng	# 25

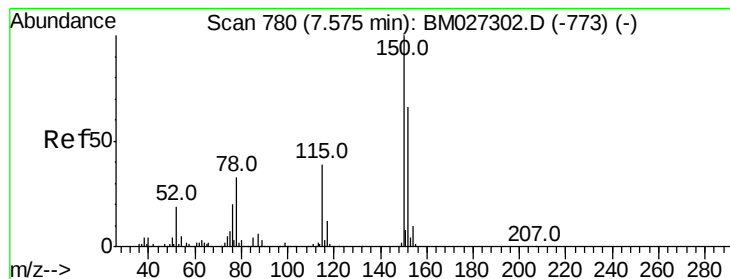
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
Data File : BM027445.D
Acq On : 16 Sep 2020 17:44
Operator : JU/CG
Sample : L3971-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Sep 16 18:15:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration



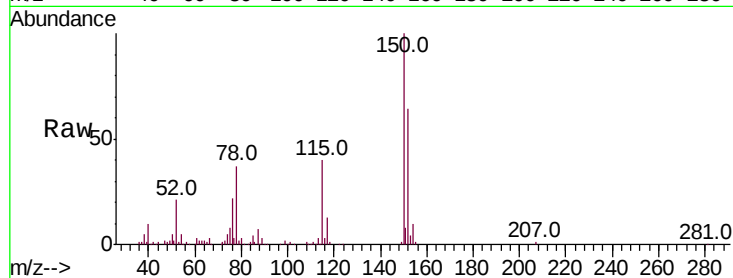


#1

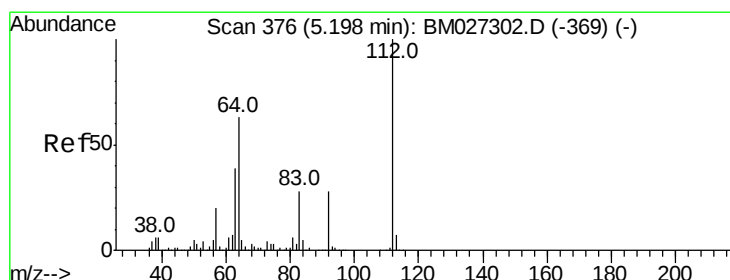
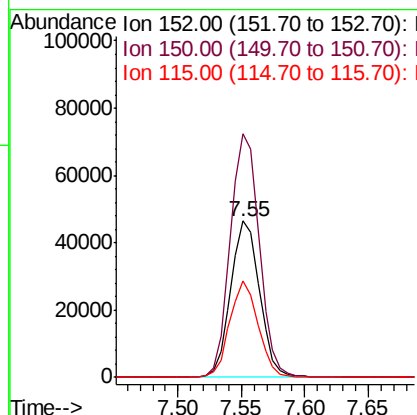
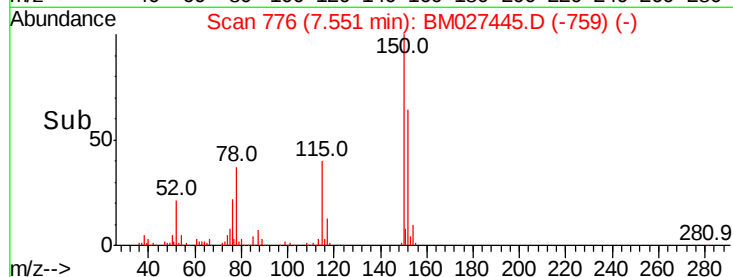
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:152 Resp: 73518
 Ion Ratio Lower Upper
 152 100
 150 155.6 120.6 181.0
 115 62.0 47.2 70.8



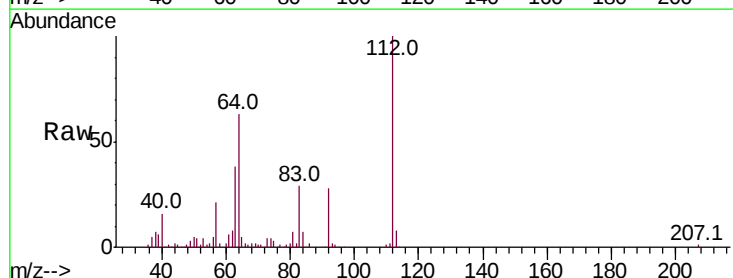
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



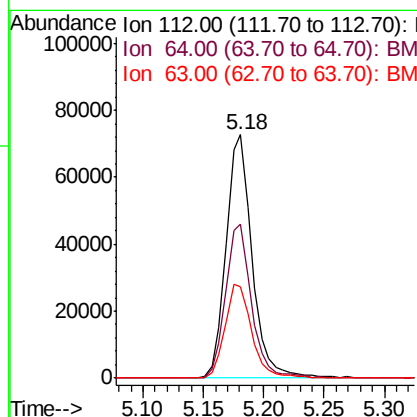
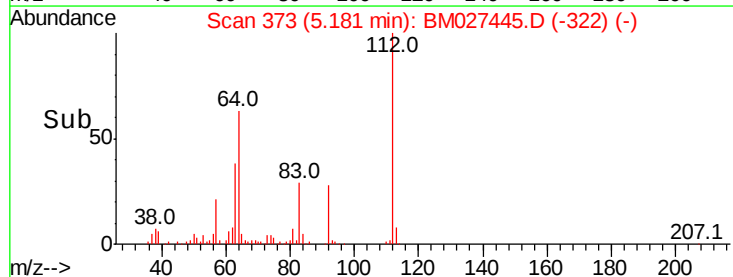
#5

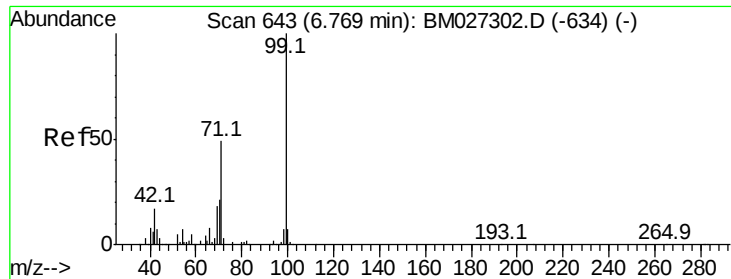
2-Fluorophenol
 Concen: 24.579 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Tgt Ion:112 Resp: 108537
 Ion Ratio Lower Upper
 112 100
 64 63.5 50.6 76.0
 63 37.6 31.0 46.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 22.506 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

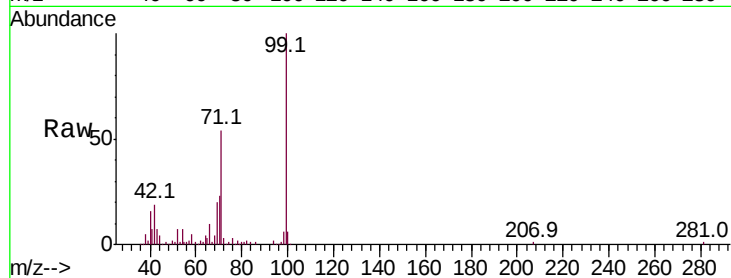
Tot Ion: 99 Resp: 134113

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

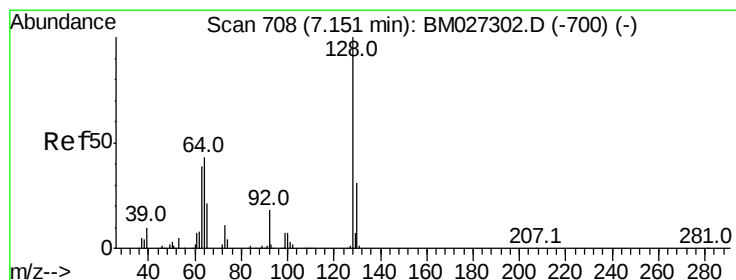
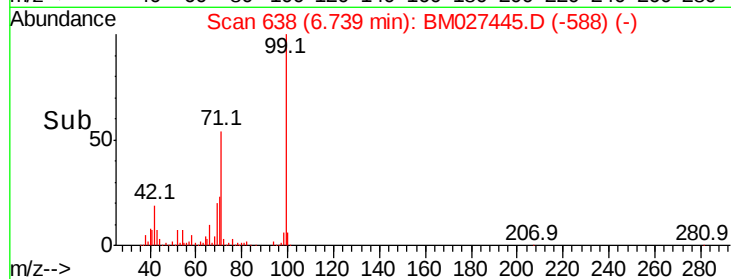
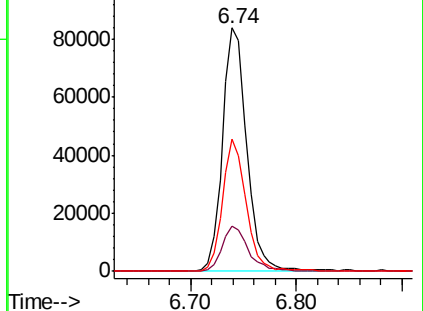
71 54.2 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#8

2-Chlorophenol

Concen: 17.915 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

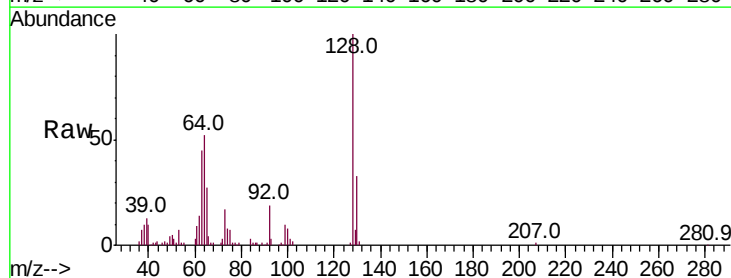
Tgt Ion: 128 Resp: 80534

Ion Ratio Lower Upper

128 100

130 33.3 11.5 51.5

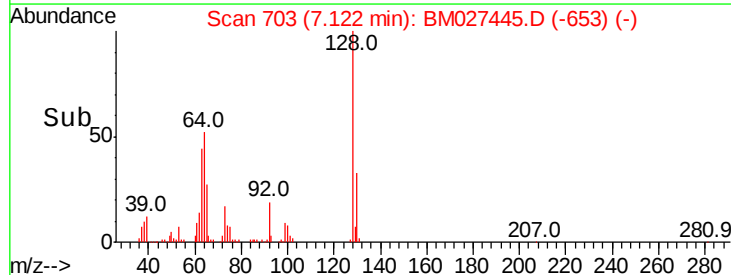
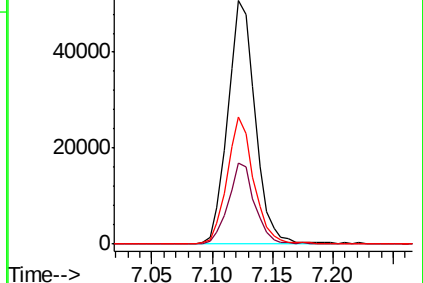
64 52.0 30.1 70.1

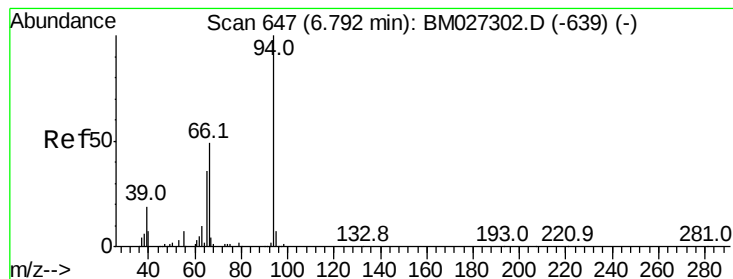


Abundance Ion 128.00 (127.70 to 128.70): BM027302.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM027302.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM027302.D (-700) (-)





#10

Phenol

Concen: 27.012 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

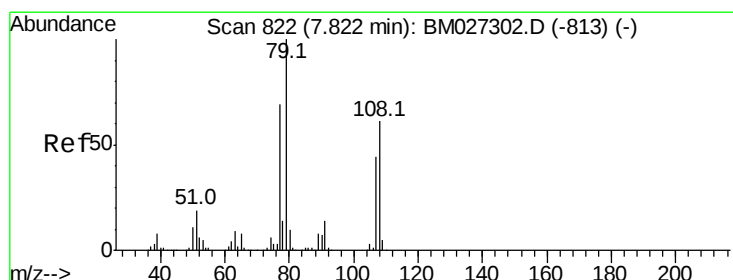
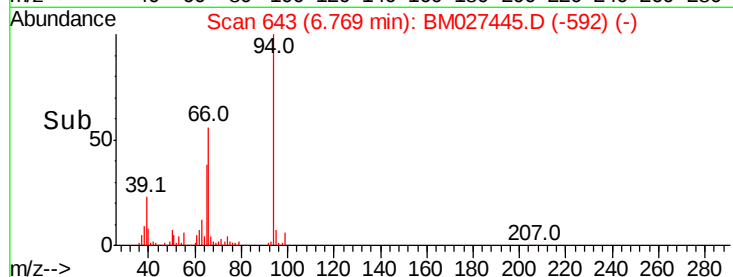
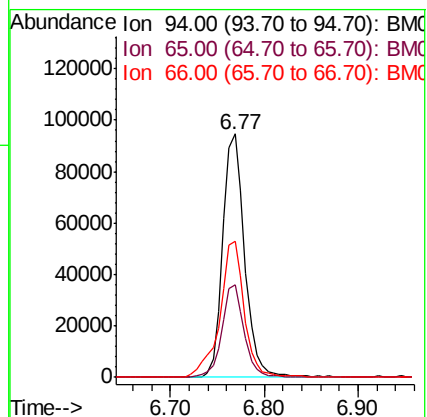
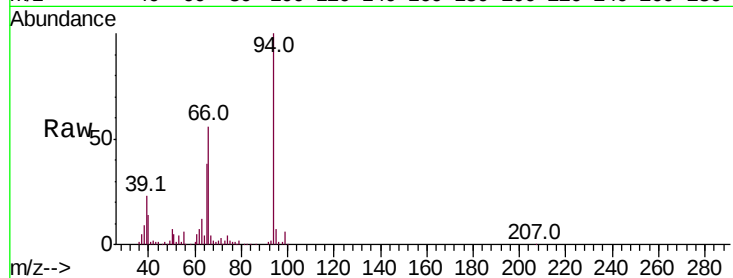
Tot Ion: 94 Resp: 154676

Ion Ratio Lower Upper

94 100

65 38.0 16.4 56.4

66 55.9 30.2 70.2



#15

Benzyl Alcohol

Concen: 4.426 ng

RT: 8.00 min Scan# 853

Delta R.T. 0.21 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

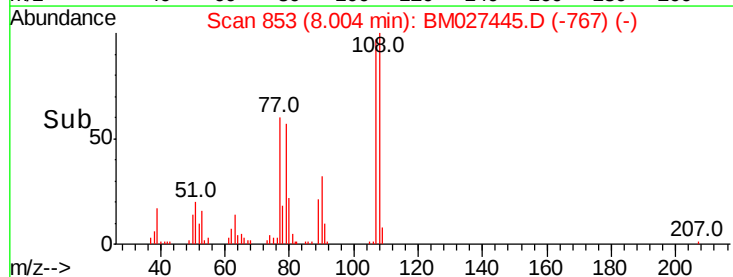
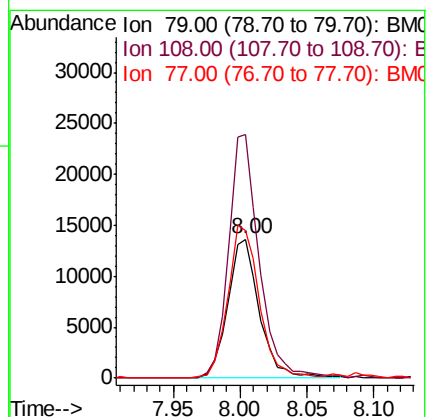
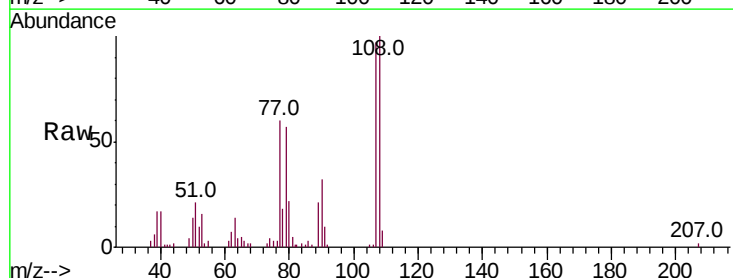
Tgt Ion: 79 Resp: 22666

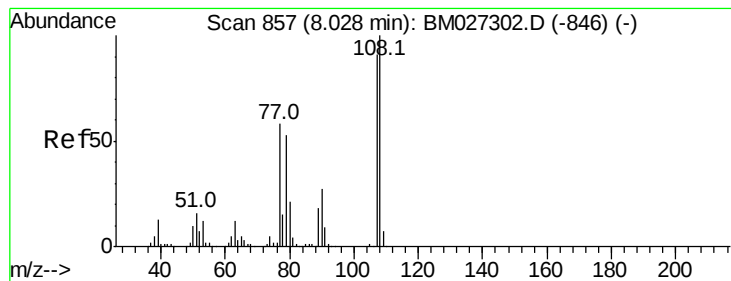
Ion Ratio Lower Upper

79 100

108 175.5 49.0 73.4#

77 106.1 55.2 82.8#

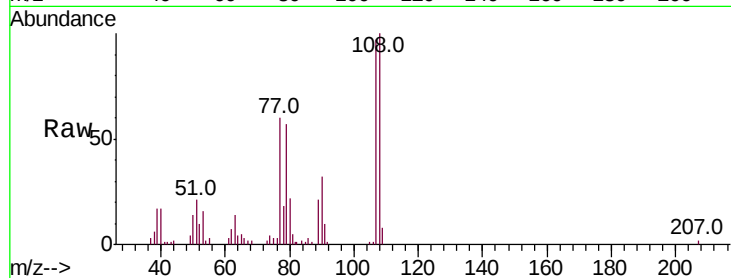




#17
2-Methylphenol
Concen: 9.012 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:	107	Resp:	35040
Ion	Ratio	Lower	Upper
107	100		
108	103.4	87.8	131.6
77	62.5	50.9	76.3
79	58.9	46.6	69.8



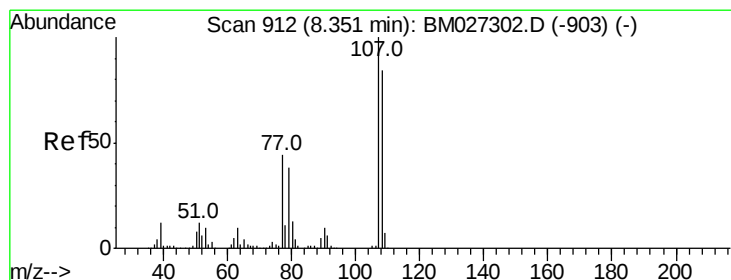
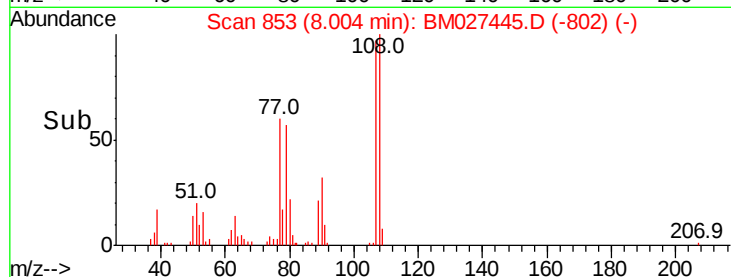
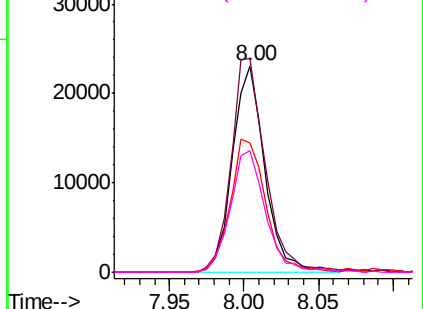
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

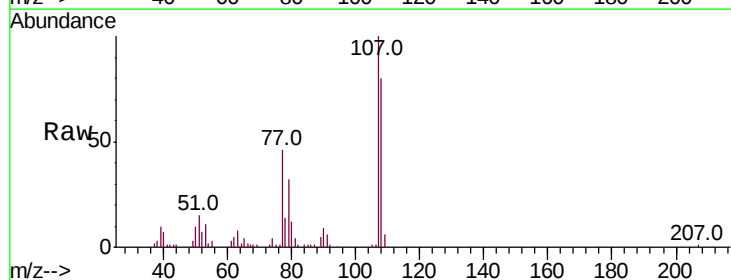
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#20
3+4-Methylphenols
Concen: 14.425 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion:	107	Resp:	76526
Ion	Ratio	Lower	Upper
107	100		
108	80.1	64.5	104.5
77	45.8	24.2	64.2
79	31.9	17.8	57.8



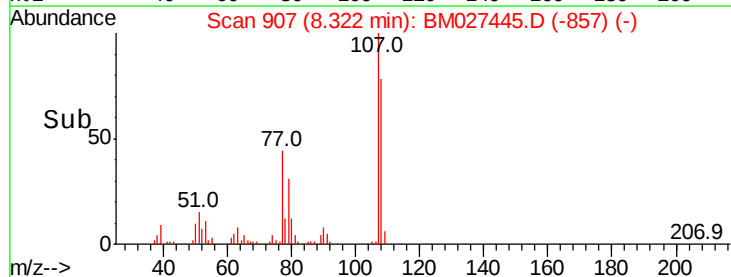
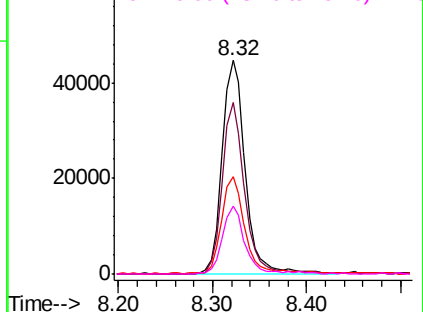
Abundance

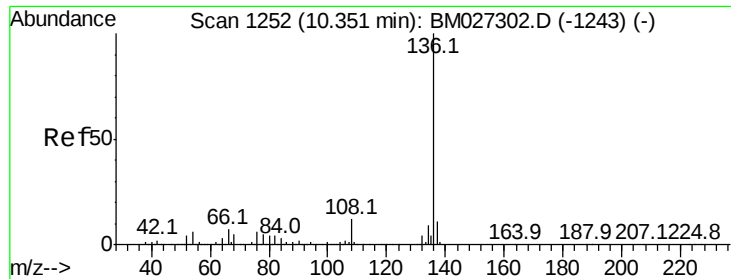
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

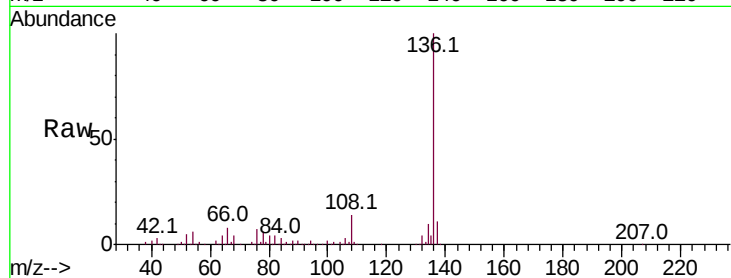




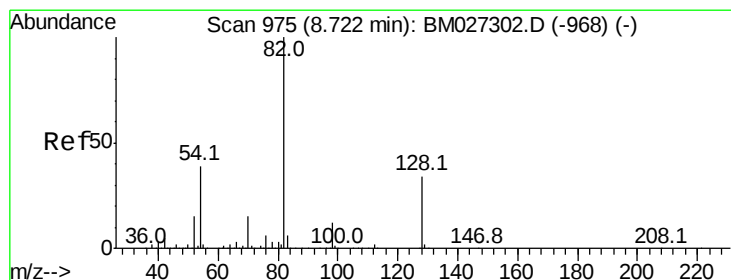
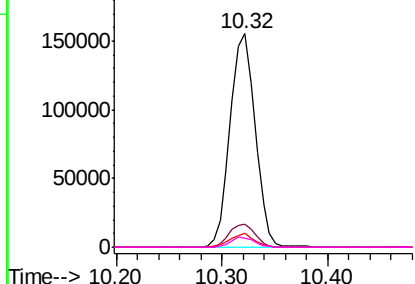
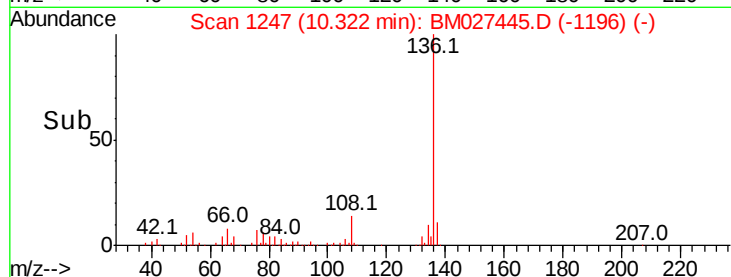
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:	136	Resp:	256448
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.3	4.6	7.0
68	4.2	4.1	6.1

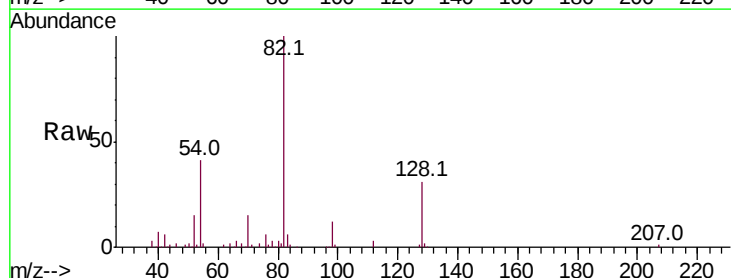


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

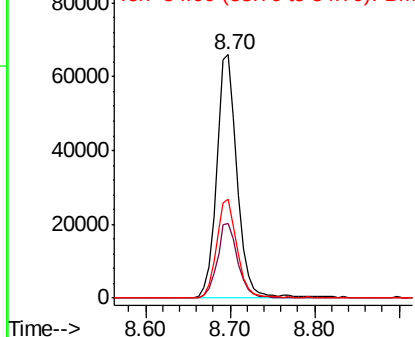
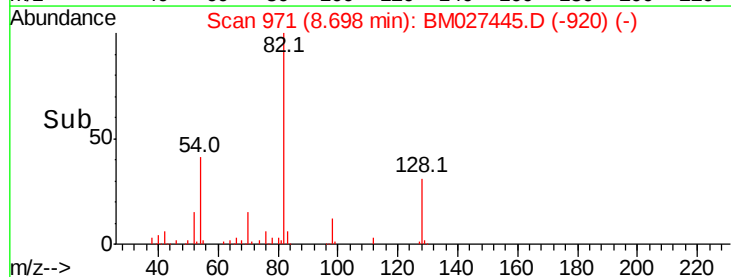


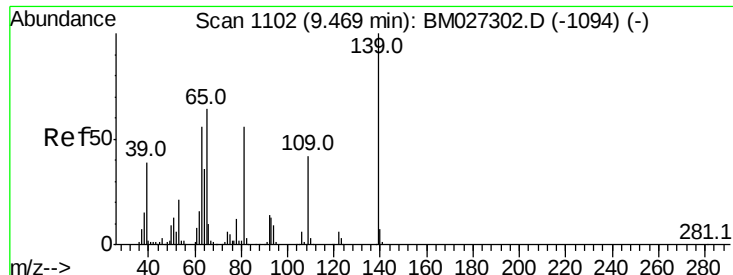
#23
Nitrobenzene-d5
Concen: 18.805 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion:	82	Resp:	112881
Ion	Ratio	Lower	Upper
82	100		
128	30.7	27.4	41.0
54	40.7	31.4	47.0



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

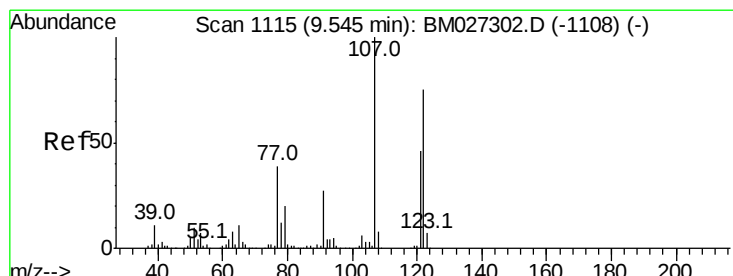
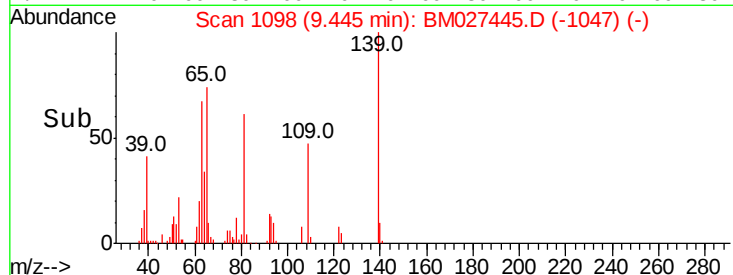
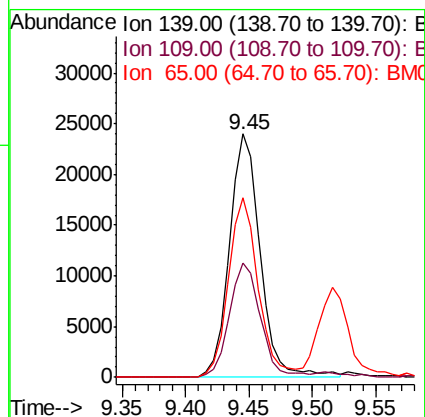
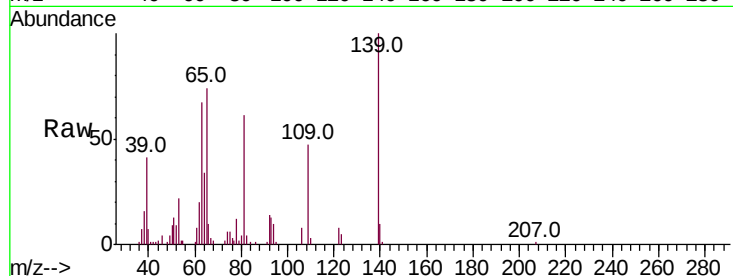




#26
2-Nitrophenol
Concen: 17.305 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

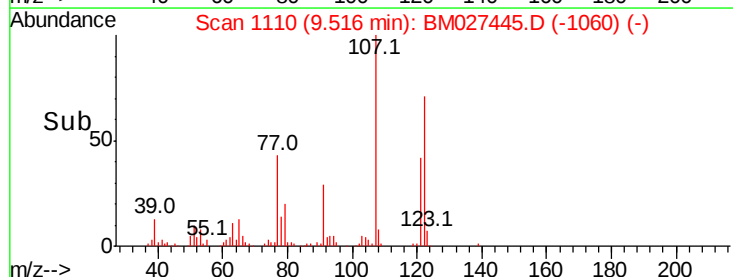
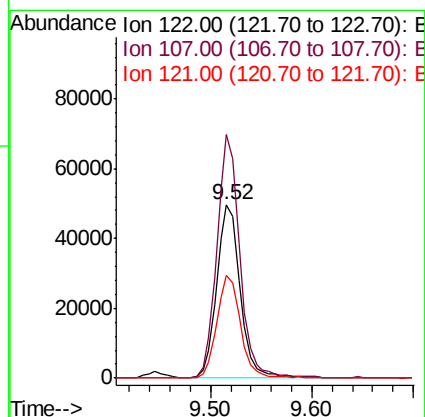
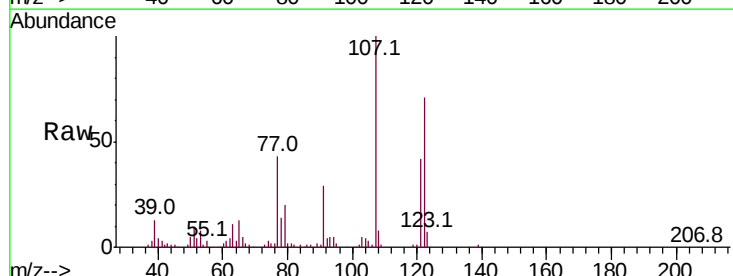
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

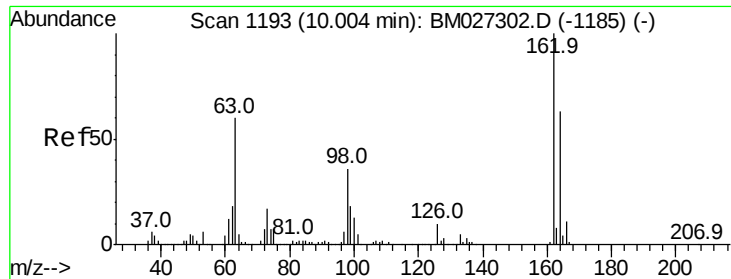
Tot Ion	Ratio	Lower	Upper
139	100		
109	46.9	33.8	50.8
65	73.6	51.0	76.6



#27
2,4-Dimethylphenol
Concen: 20.228 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.2	106.6	159.8
121	59.0	48.8	73.2

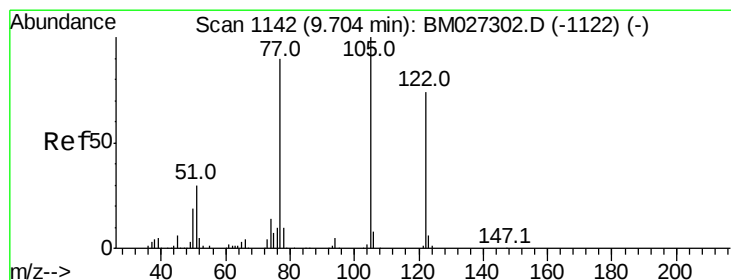
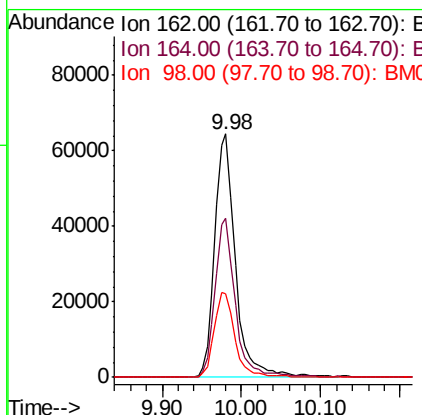
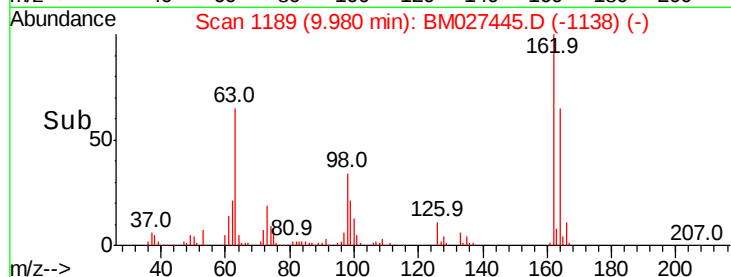
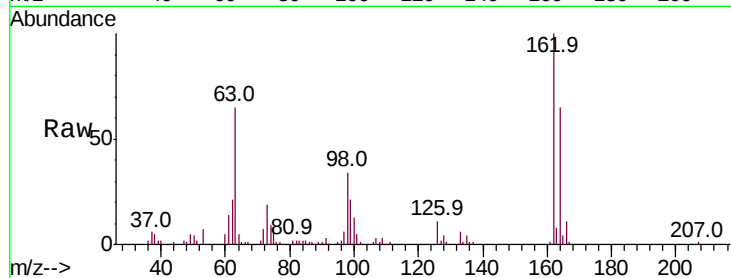




#29
2,4-Dichlorophenol
Concen: 25.764 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

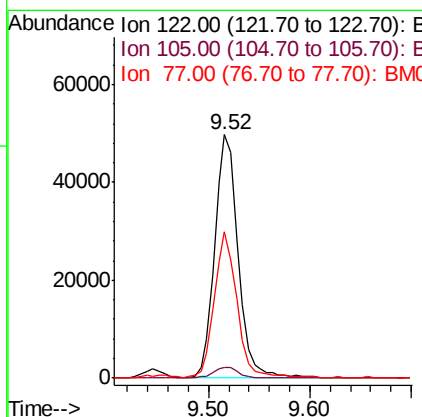
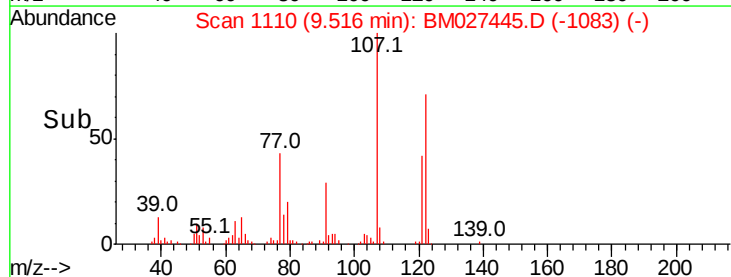
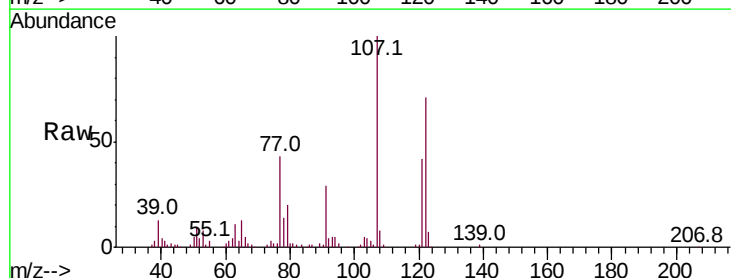
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

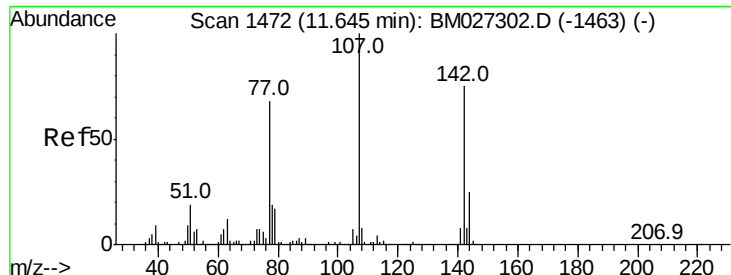
Tot Ion:162 Resp: 117522
Ion Ratio Lower Upper
162 100
164 65.3 43.2 83.2
98 34.1 15.7 55.7



#32
Benzoic acid
Concen: 30.894 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.14 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion:122 Resp: 80138
Ion Ratio Lower Upper
122 100
105 4.3 114.0 154.0#
77 60.2 101.8 141.8#

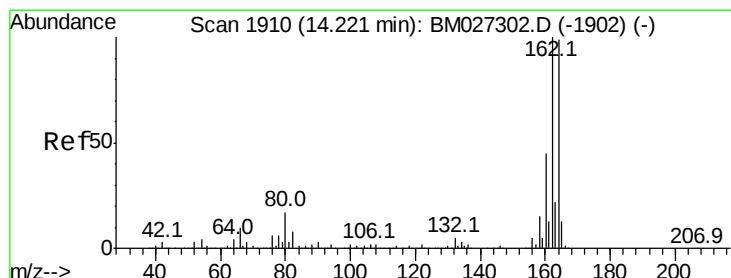
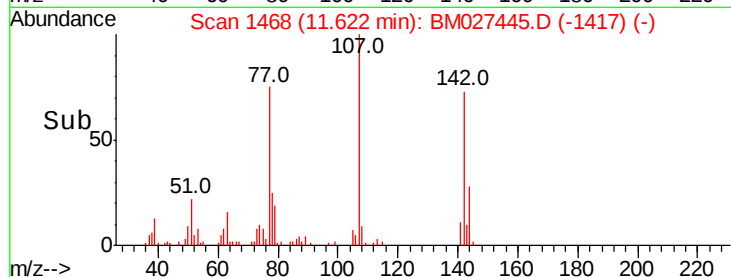
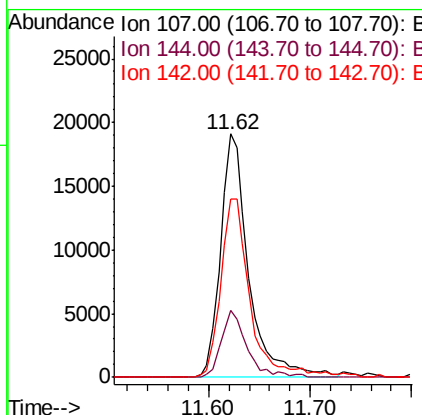
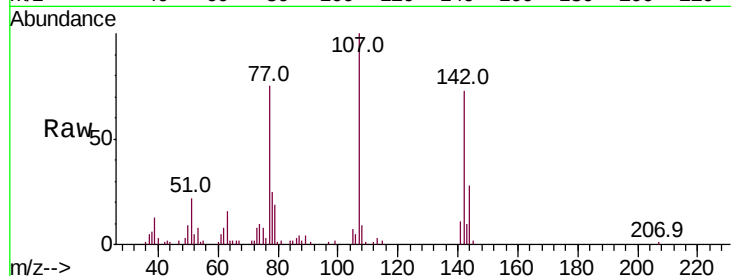




#36
4-Chloro-3-methylphenol
Concen: 7.516 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

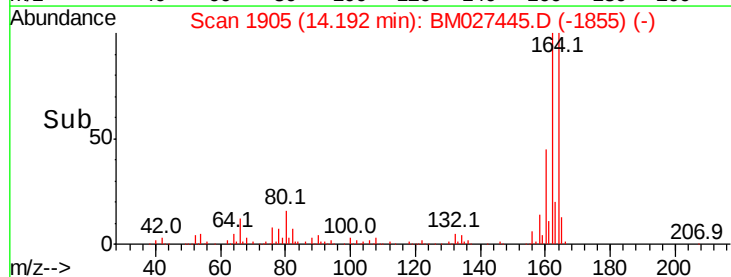
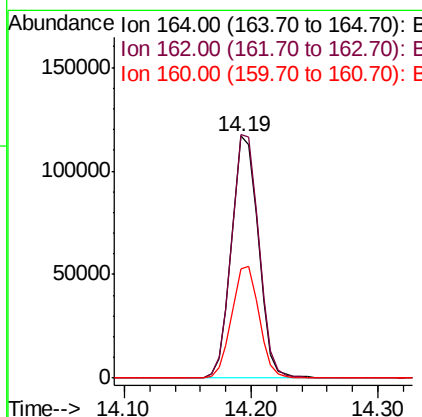
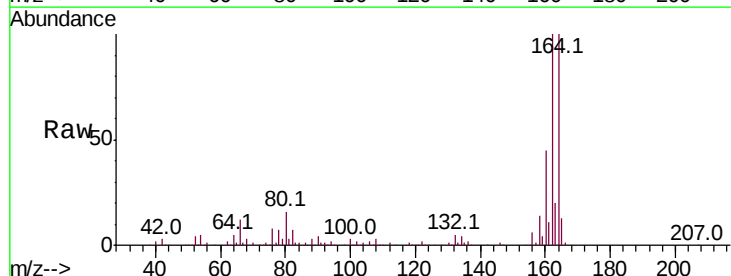
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

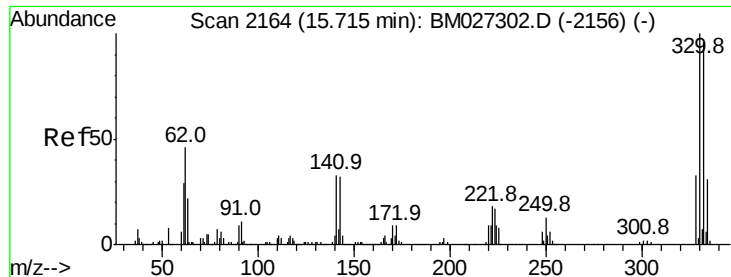
Tot Ion:107 Resp: 36835
Ion Ratio Lower Upper
107 100
144 27.6 20.1 30.1
142 73.5 60.3 90.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion:164 Resp: 171237
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 22.563 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

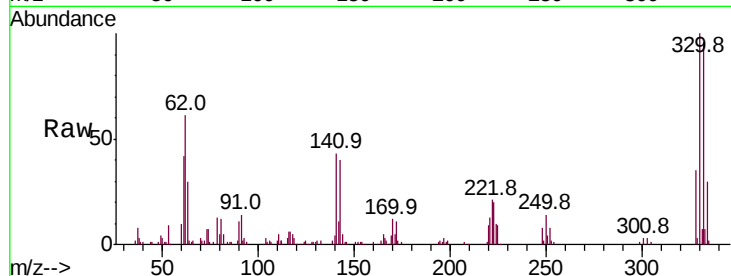
Tot Ion:330 Resp: 67745

Ion Ratio Lower Upper

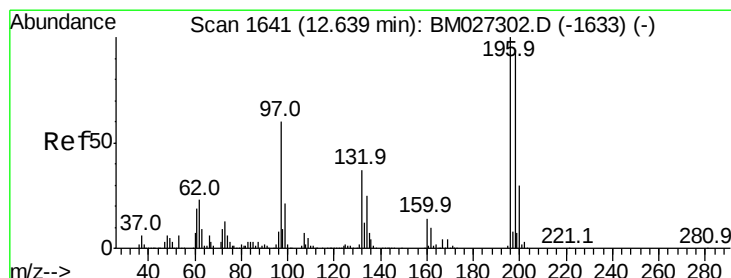
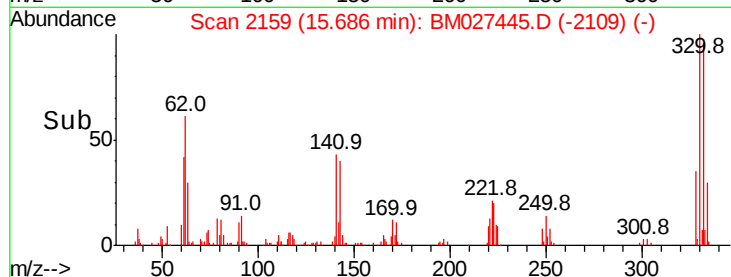
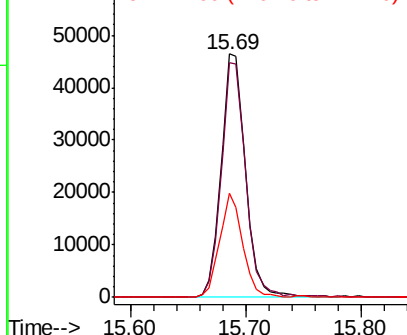
330 100

332 97.0 77.8 116.8

141 40.2 28.4 42.6



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



#43

2,4,6-Trichlorophenol

Concen: 27.635 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

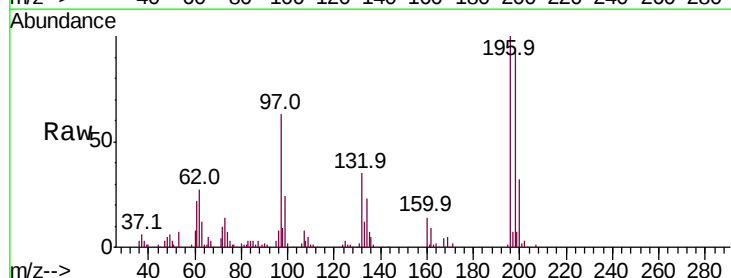
Tgt Ion:196 Resp: 104451

Ion Ratio Lower Upper

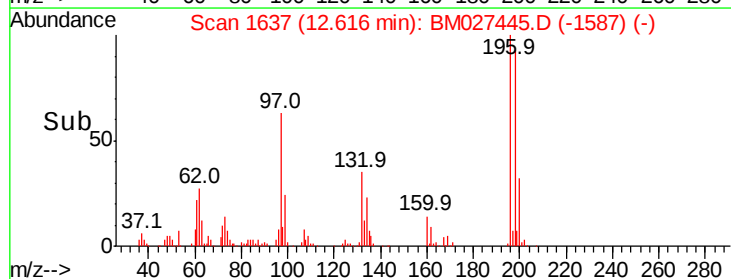
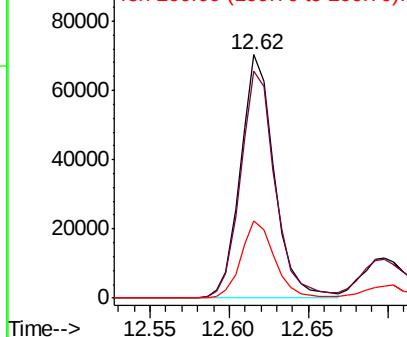
196 100

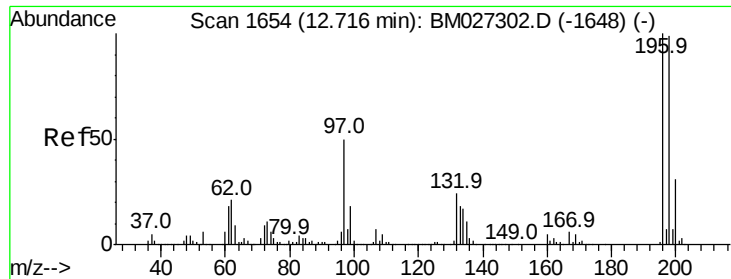
198 93.2 74.9 112.3

200 31.9 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

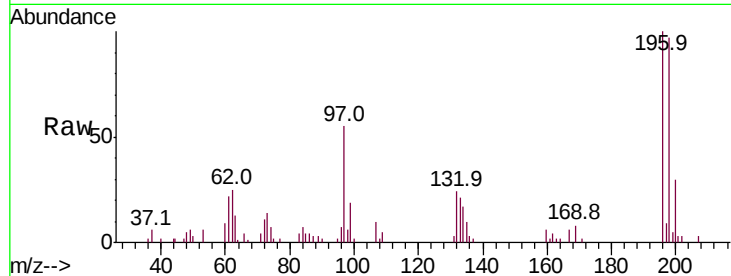




#44
 2,4,5-Trichlorophenol
 Concen: 6.585 ng
 RT: 12.70 min Scan# 1651
 Delta R.T. 0.01 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Instrument :
 BNA_M
 ClientSampled :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.0	118.6
97	54.7	40.5	60.7
132	24.2	19.3	28.9



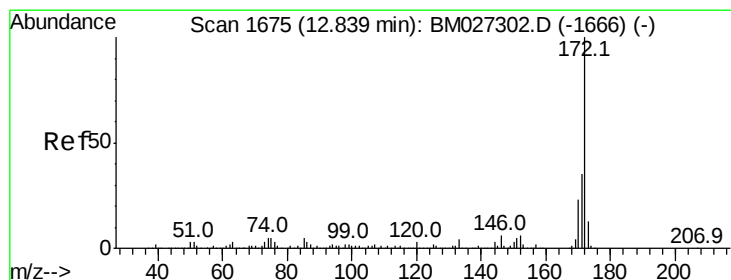
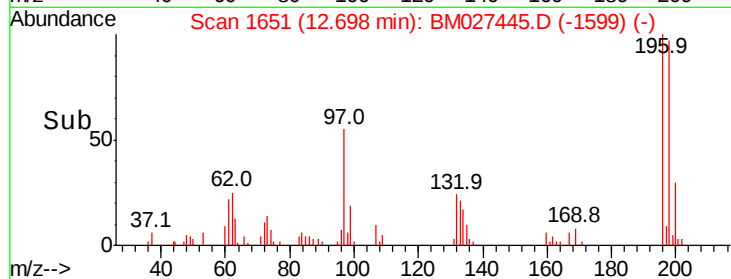
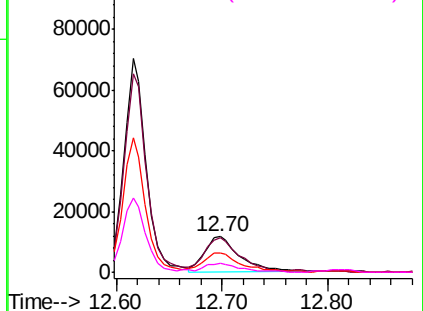
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

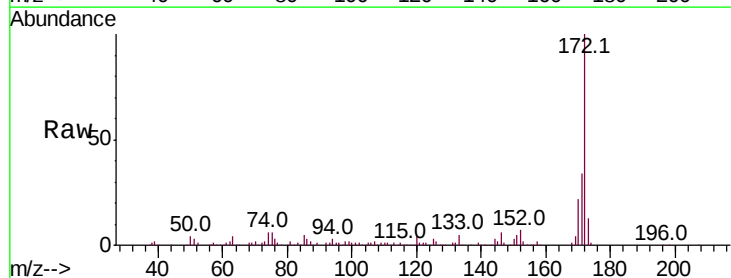
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 18.711 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	22.3	18.6	27.8

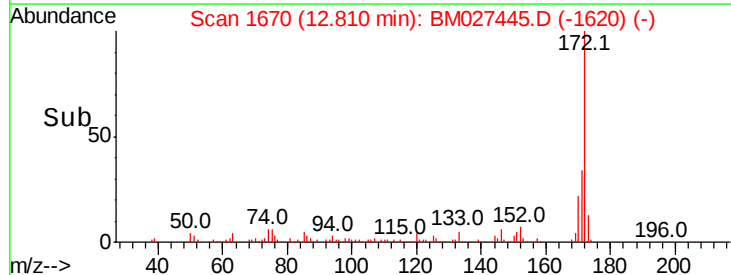
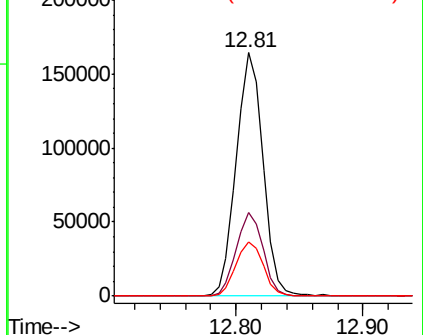


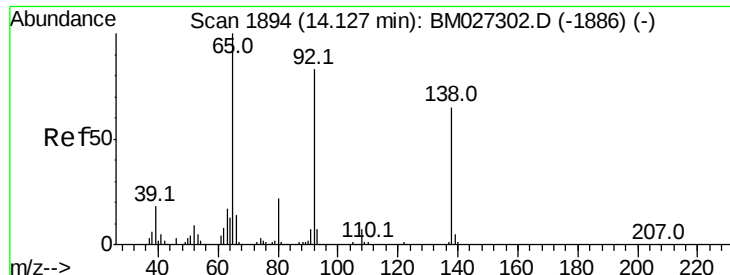
Abundance

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

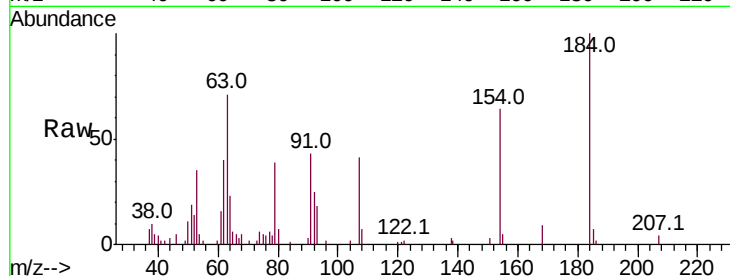




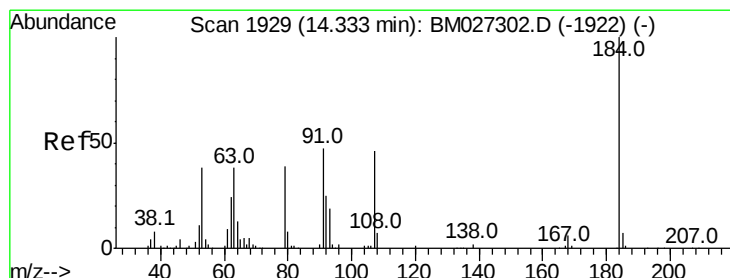
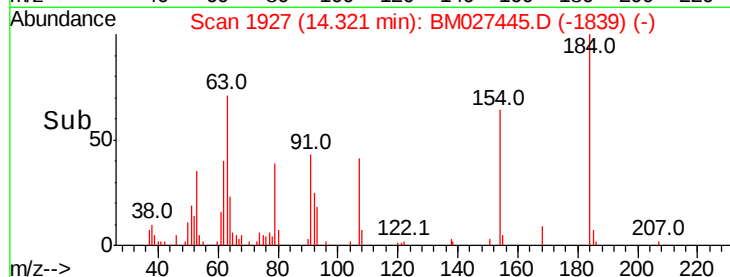
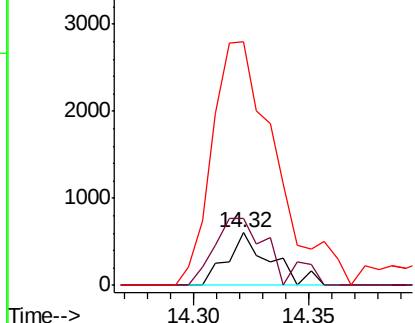
#53
3-Nitroaniline
Concen: 3.429 ng
RT: 14.32 min Scan# 1927
Delta R.T. 0.22 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:138 Resp: 781
Ion Ratio Lower Upper
138 100
108 126.9 8.6 13.0#
92 465.0 102.1 153.1#

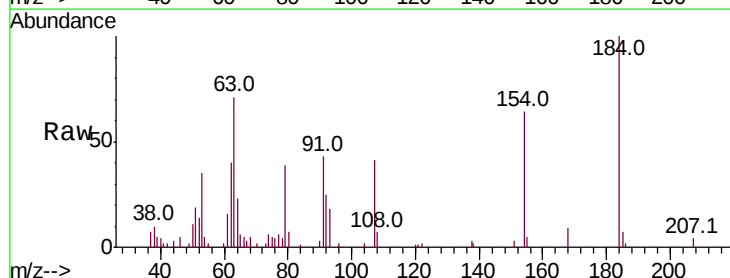


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

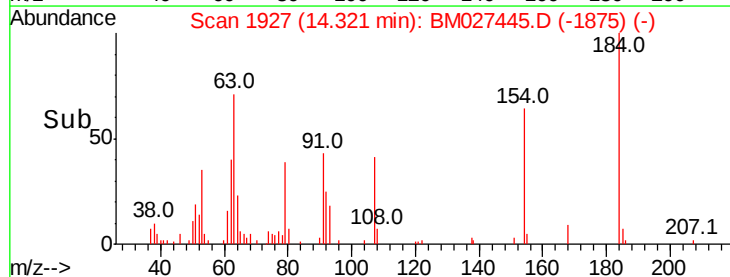
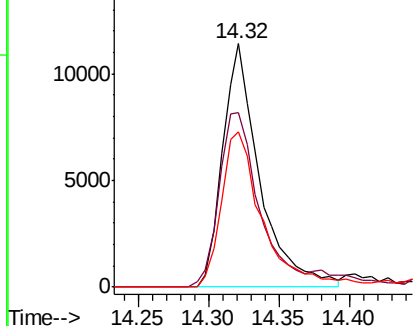


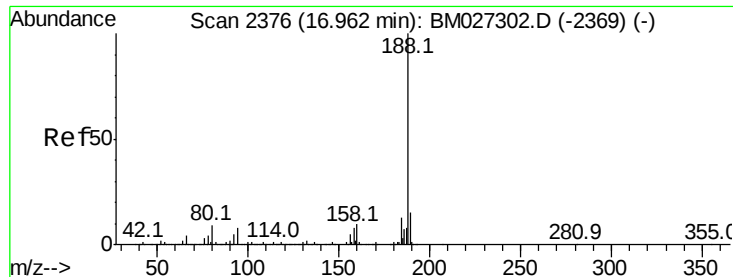
#54
2,4-Dinitrophenol
Concen: 15.886 ng
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BM027445.D
Acq: 16 Sep 2020 17:44

Tgt Ion:184 Resp: 20789
Ion Ratio Lower Upper
184 100
63 71.5 60.2 90.2
154 63.9 52.9 79.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

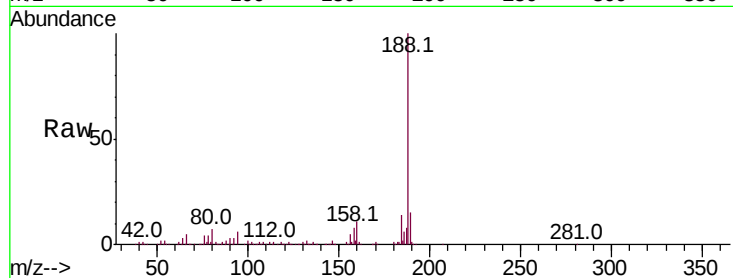
Tot Ion:188 Resp: 398174

Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.4

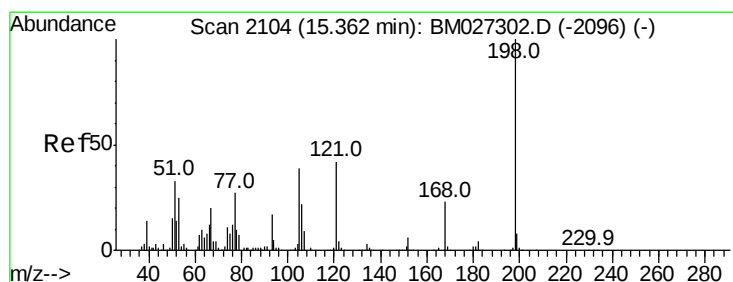
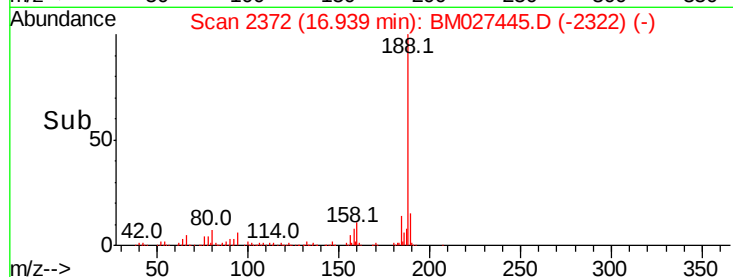
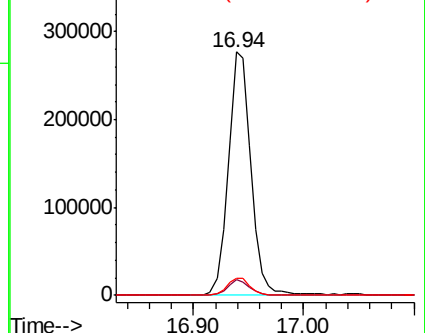
80 7.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 18.764 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

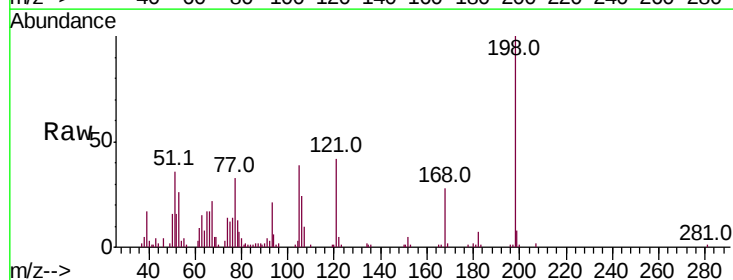
Tgt Ion:198 Resp: 47949

Ion Ratio Lower Upper

198 100

51 36.3 13.0 53.0

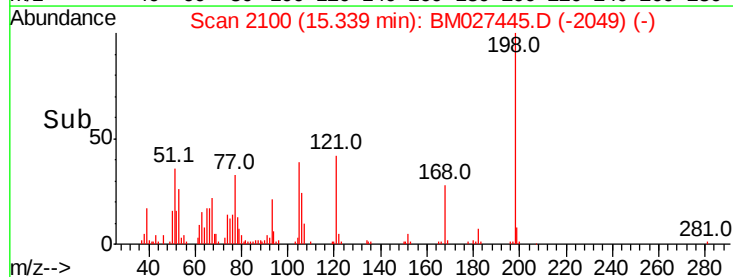
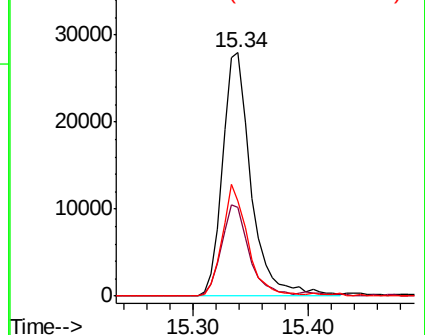
105 39.3 18.7 58.7

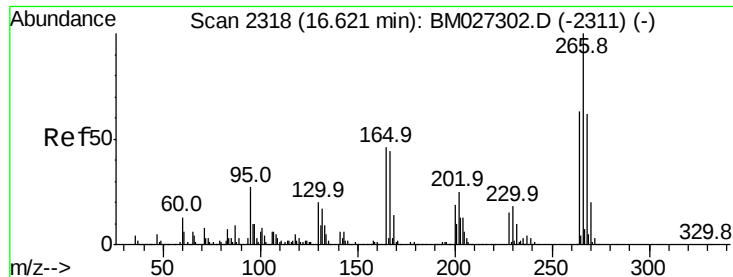


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

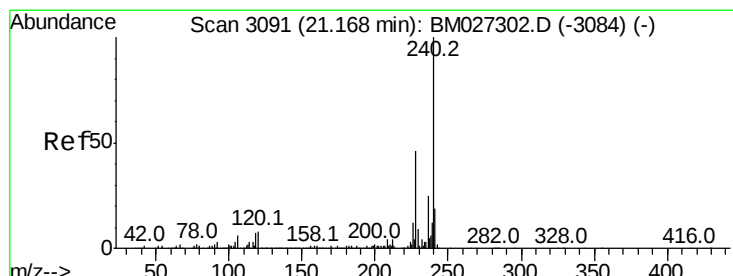
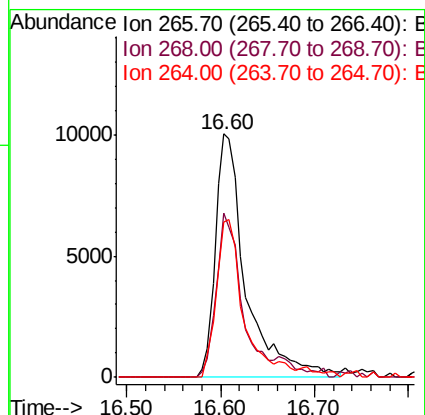
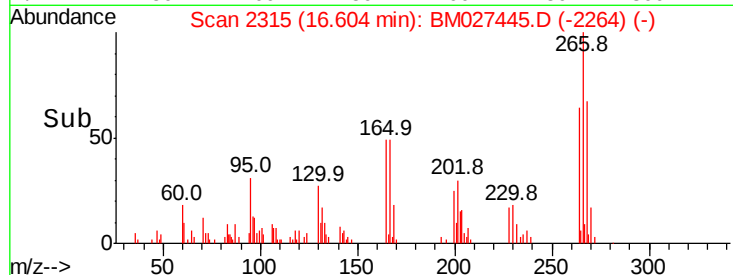
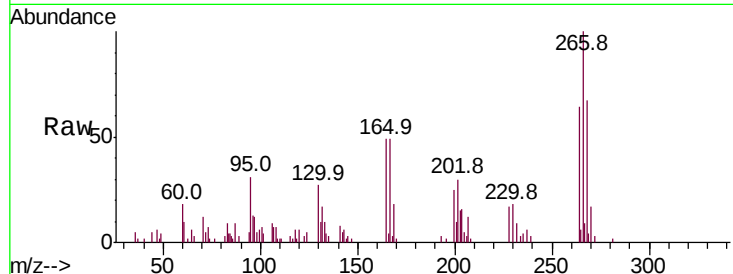




#70
 Pentachlorophenol
 Concen: 6.604 ng
 RT: 16.60 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

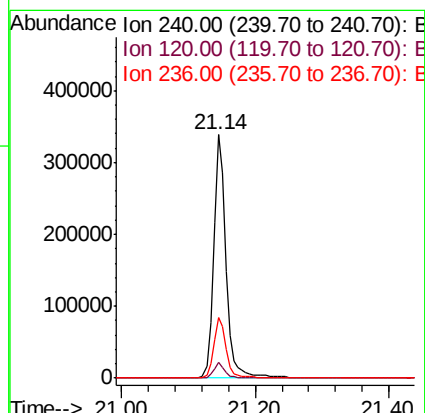
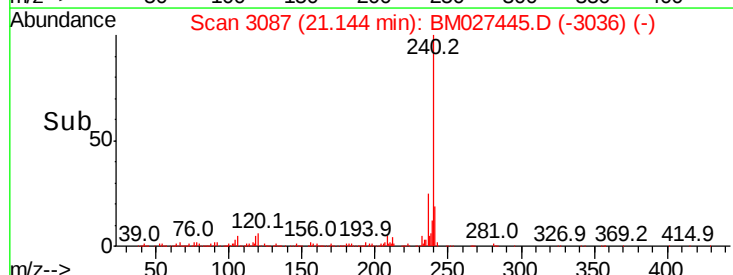
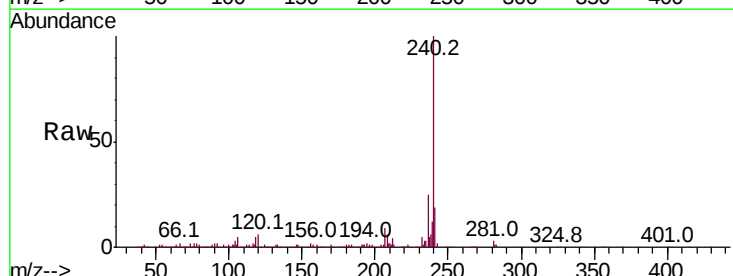
Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

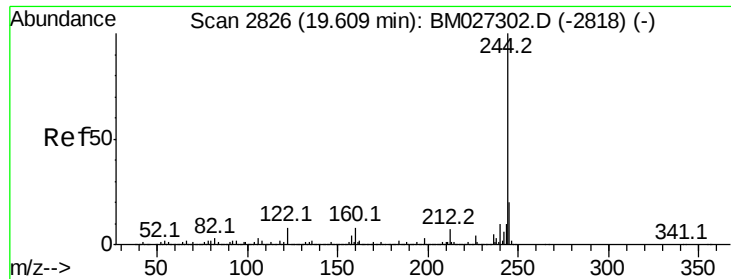
Tot Ion:	266	Resp:	22916
Ion	Ratio	Lower	Upper
266	100		
268	67.5	49.9	74.9
264	63.9	50.6	76.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Tgt Ion:	240	Resp:	440633
Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.4	9.6#
236	24.7	20.1	30.1





#79

Terphenyl-d14

Concen: 15.825 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

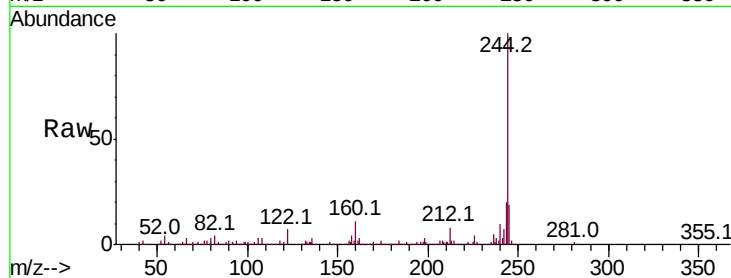
Tot Ion:244 Resp: 400647

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

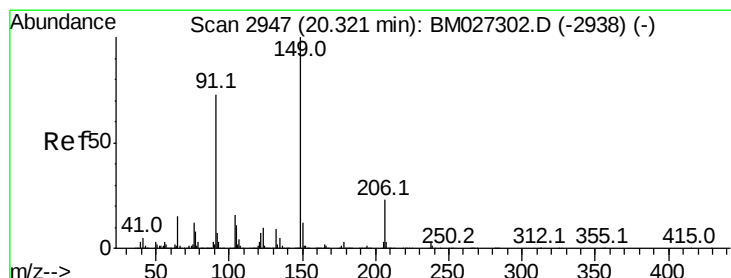
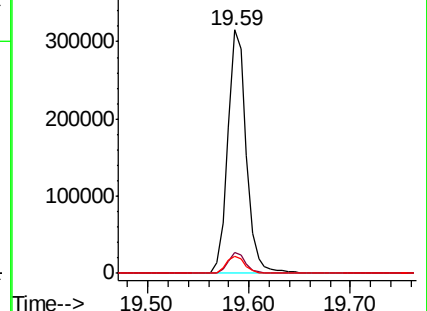
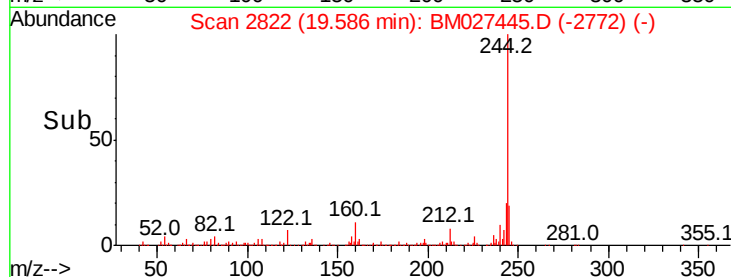
122 7.3 6.5 9.7



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: 3.913 ng

RT: 20.29 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BM027445.D

Acq: 16 Sep 2020 17:44

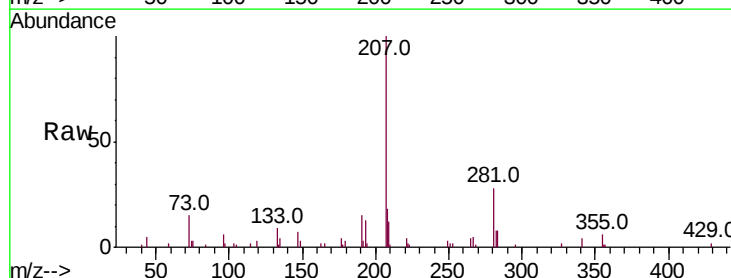
Tgt Ion:149 Resp: 102

Ion Ratio Lower Upper

149 100

91 0.0 58.1 87.1#

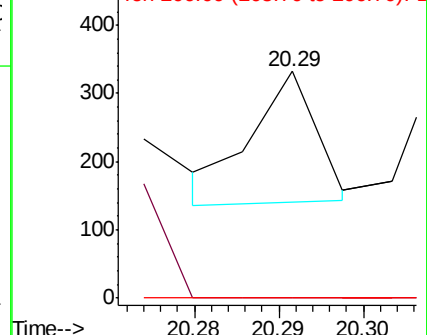
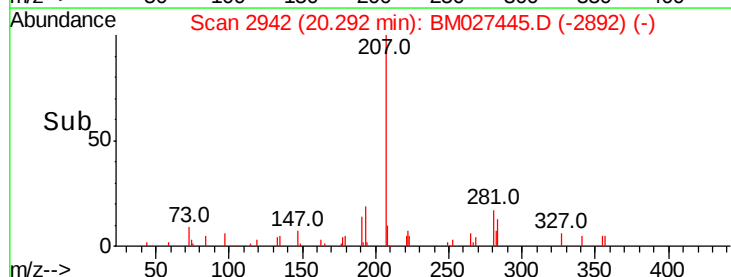
206 0.0 18.7 28.1#

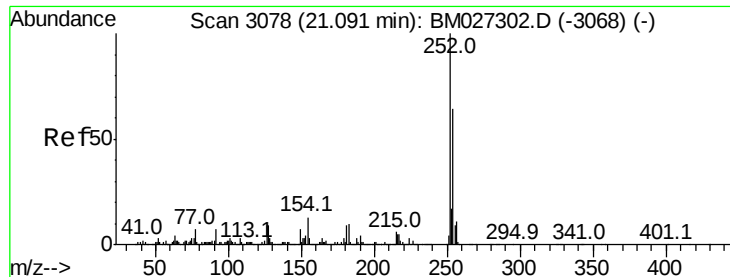


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

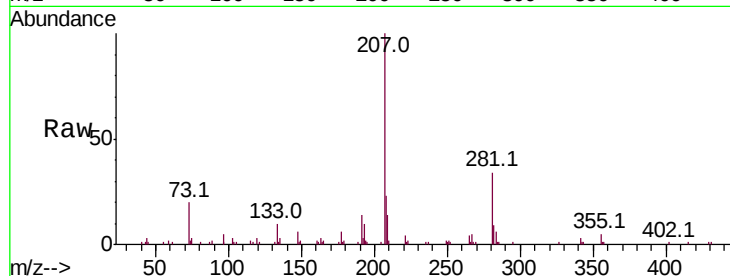




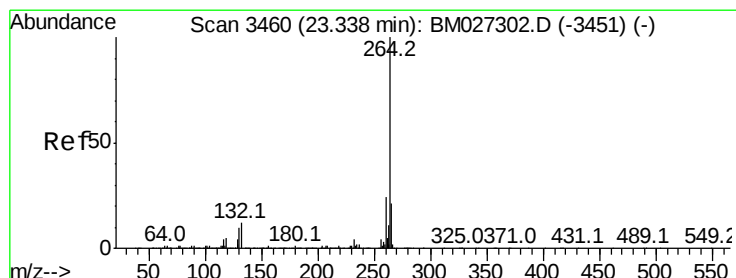
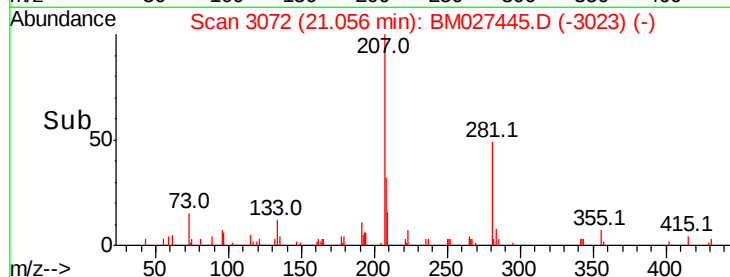
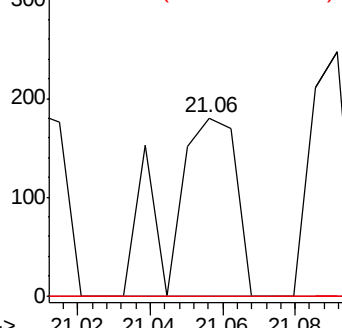
#82
 3,3'-Dichlorobenzidine
 Concen: 3.402 ng
 RT: 21.06 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:252 Resp: 231
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 6.8 10.2#

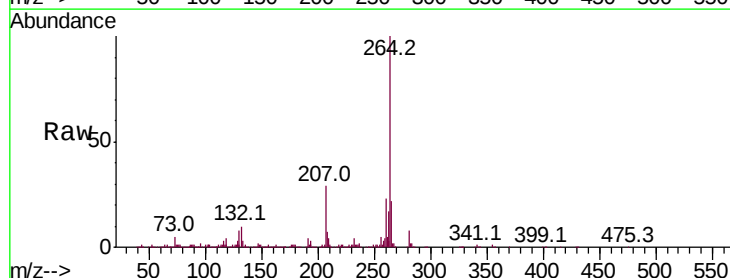


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3456
 Delta R.T. 0.01 min
 Lab File: BM027445.D
 Acq: 16 Sep 2020 17:44

Tgt Ion:264 Resp: 473912
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.7 17.7 26.5



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

