

Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

Quant Time: Jan 07 02:57:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	55112	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	212454	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	138864	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	297348	20.00	ng	0.00
76) Chrysene-d12	21.18	240	234951	20.00	ng	0.00
87) Perylene-d12	23.43	264	252617	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	304681	92.88	ng	0.00
7) Phenol-d6	6.89	99	443881	100.46	ng	0.00
23) Nitrobenzene-d5	8.83	82	307812	71.56	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	179980	114.52	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	660274	69.91	ng	0.00
79) Terphenyl-d14	19.66	244	903668	76.65	ng	0.00

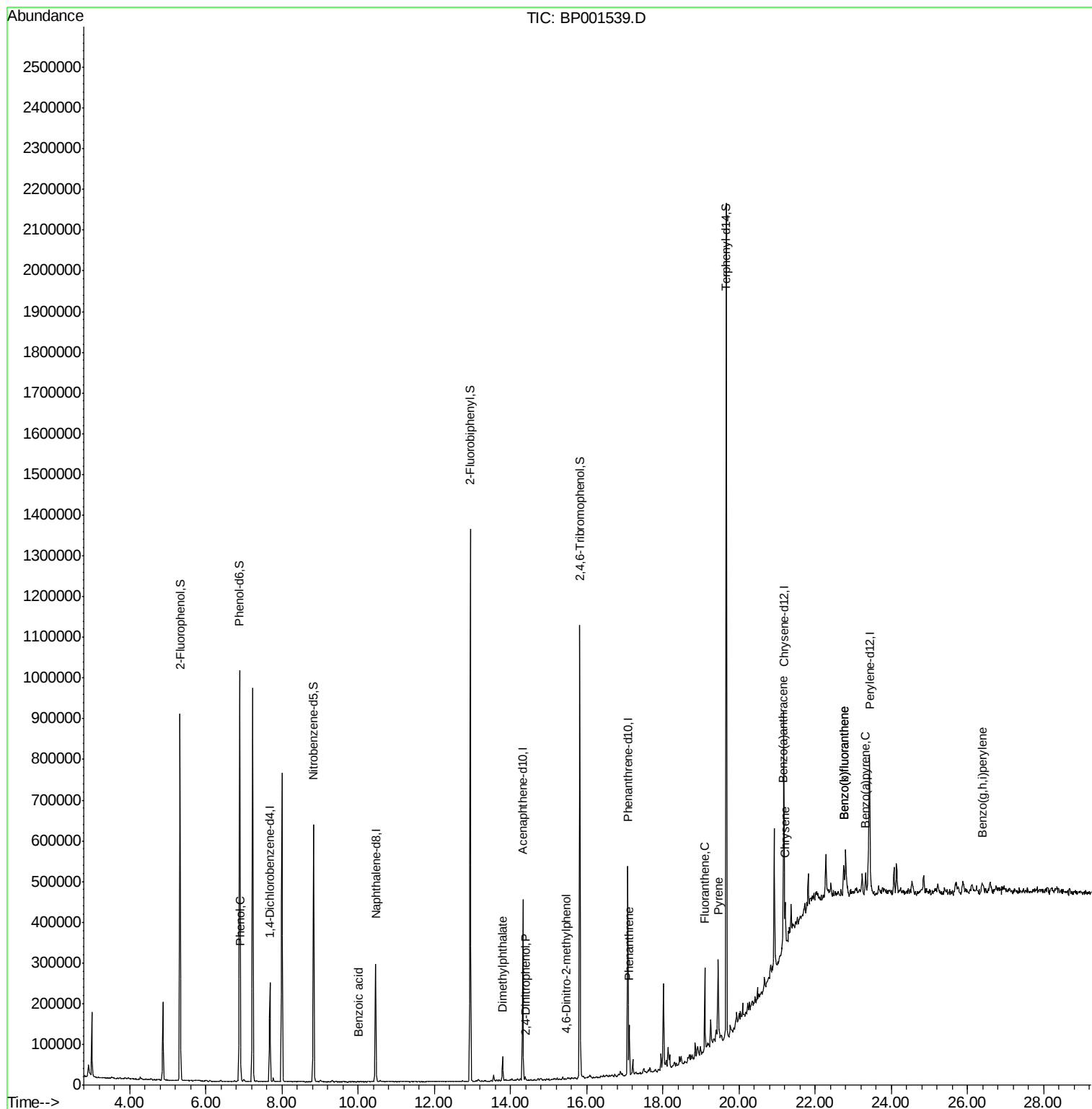
Target Compounds				Qvalue		
9) Benzaldehyde	6.83	77	270	Below Cal	#	46
10) Phenol	6.91	94	13670	2.941	ng	94
32) Benzoic acid	10.00	122	13	7.774	ng	93
50) Dimethylphthalate	13.79	163	32530	2.997	ng	99
54) 2,4-Dinitrophenol	14.41	184	29	6.479	ng	# 11
65) 4,6-Dinitro-2-methylphenol	15.47	198	6	5.874	ng	# 1
71) Phenanthrene	17.12	178	70384	4.364	ng	99
75) Fluoranthene	19.10	202	116334	5.959	ng	99
78) Pyrene	19.45	202	118009	6.922	ng	95
81) Benzo(a)anthracene	21.16	228	56984	3.457	ng	96
83) Chrysene	21.22	228	61164	3.869	ng	97
88) Benzo(b)fluoranthene	22.76	252	65464	4.185	ng	# 91
89) Benzo(k)fluoranthene	22.76	252	65464	4.369	ng	# 93
90) Benzo(a)pyrene	23.33	252	41038	2.803	ng	# 88
92) Benzo(g,h,i)perylene	26.39	276	29436	2.028	ng	# 97

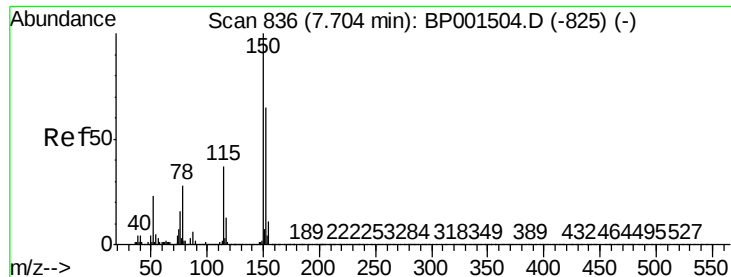
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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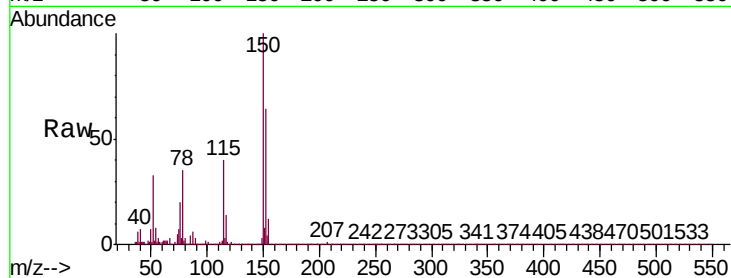


#1

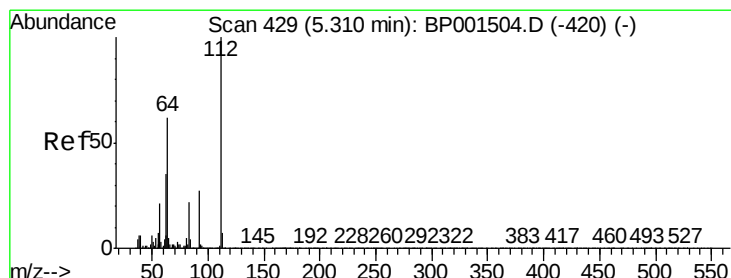
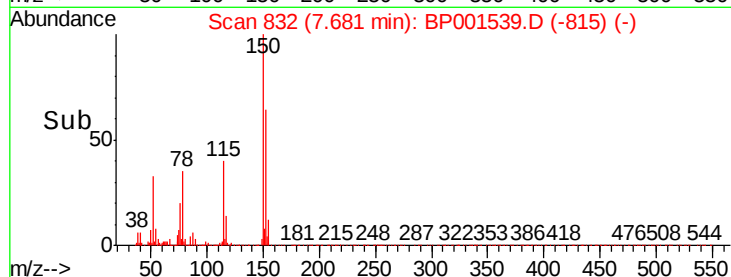
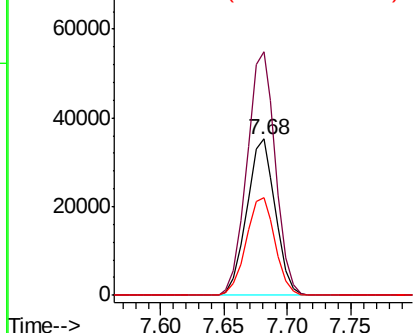
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Instrument :
BNA_P
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Q091-WC-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	117.9	176.9
115	62.4	50.3	75.5



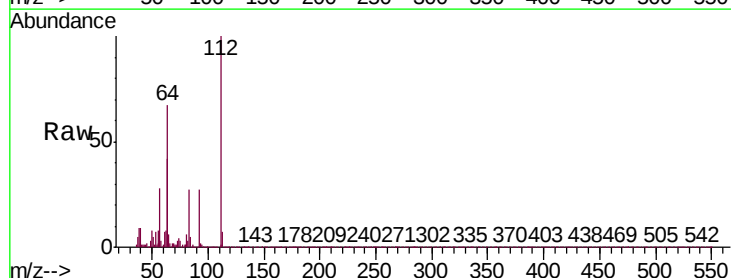
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



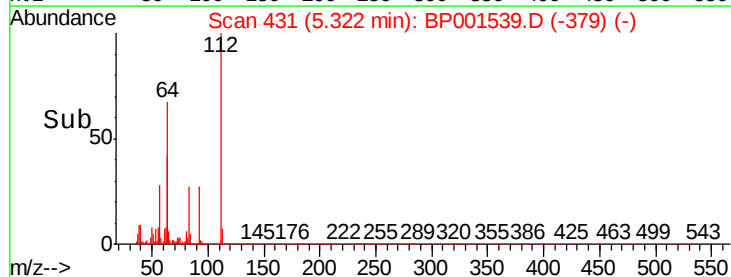
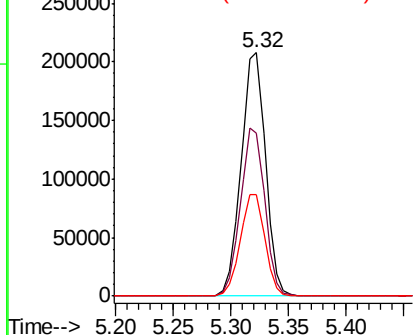
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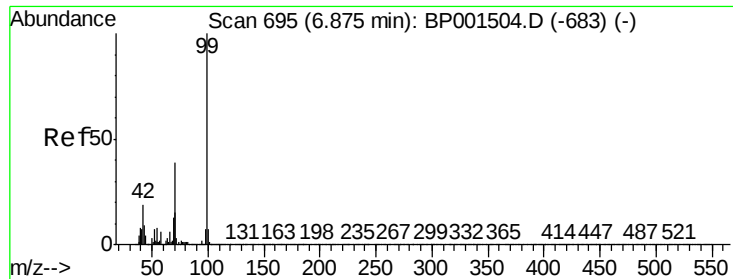
2-Fluorophenol
Concen: 92.878 ng
RT: 5.32 min Scan# 431
Delta R.T. 0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	52.6	79.0
63	41.8	32.6	48.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 100.460 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

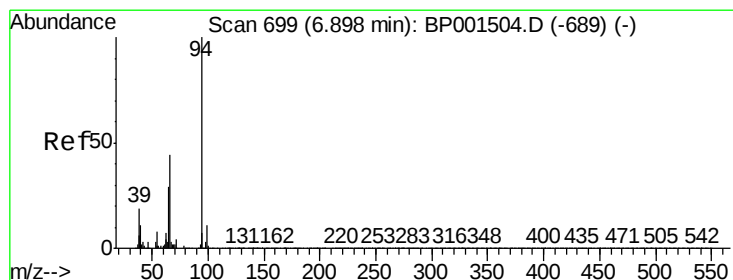
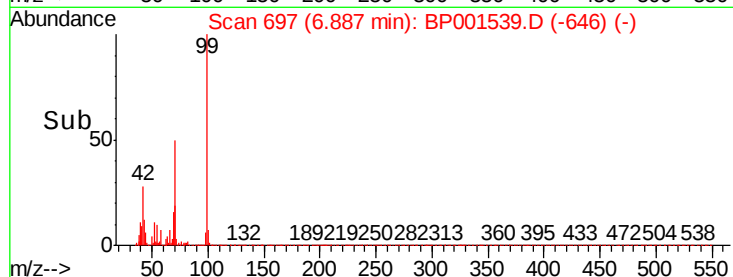
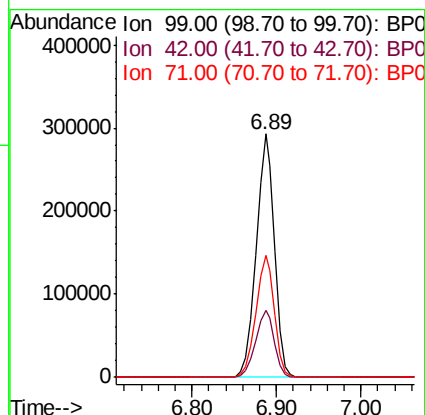
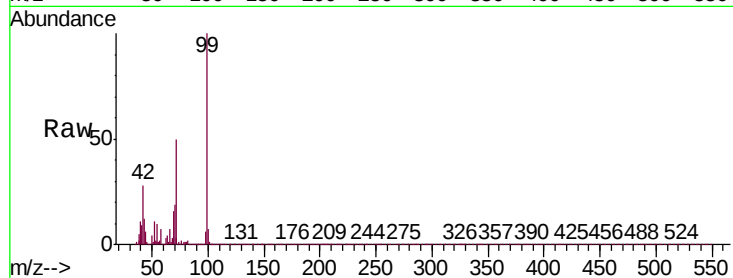
Tgt Ion: 99 Resp: 443881

Ion Ratio Lower Upper

99 100

42 27.7 21.2 31.8

71 50.3 40.0 60.0



#10

Phenol

Concen: 2.941 ng

RT: 6.91 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

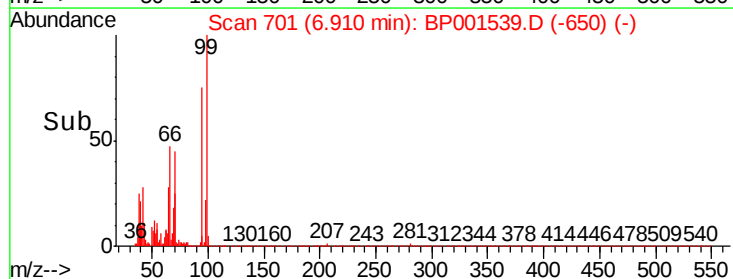
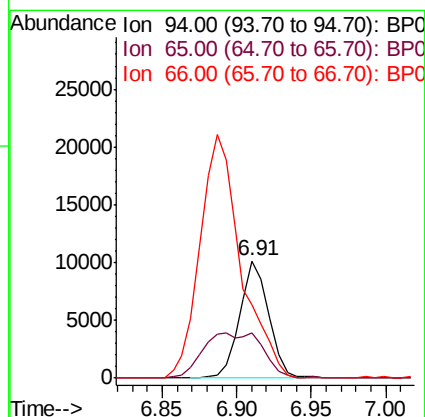
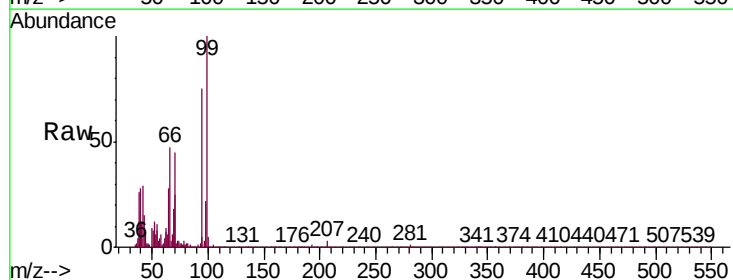
Tgt Ion: 94 Resp: 13670

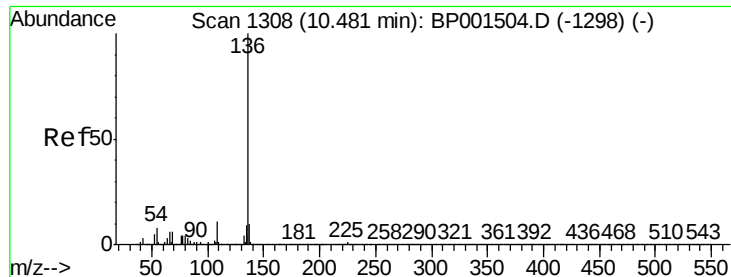
Ion Ratio Lower Upper

94 100

65 38.2 15.7 55.7

66 63.2 37.8 77.8

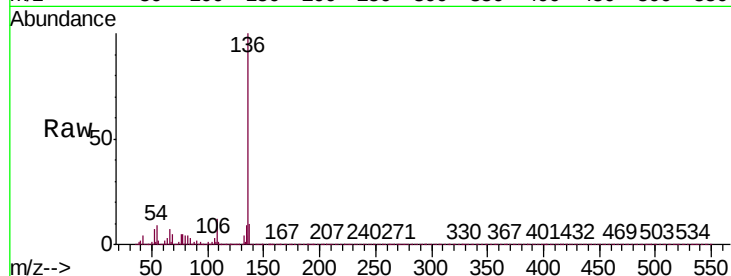




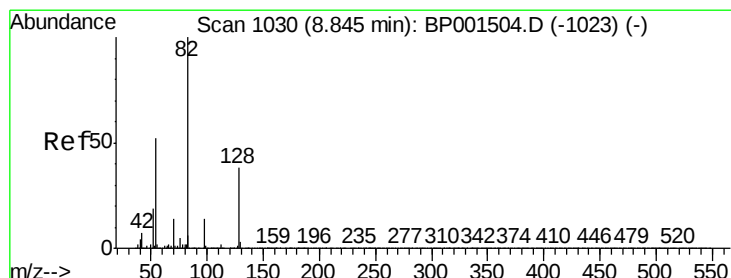
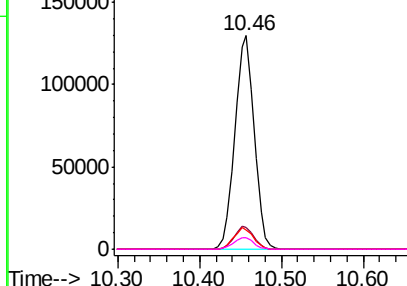
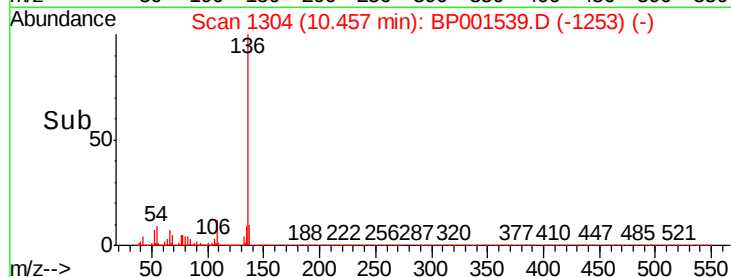
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

Tgt Ion:	136	Resp:	212454
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	9.2	8.4	12.6
68	5.2	3.8	5.8

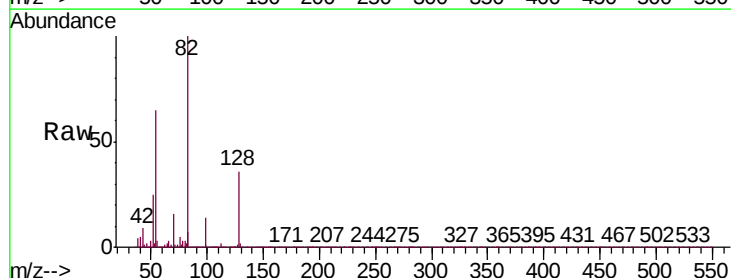


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

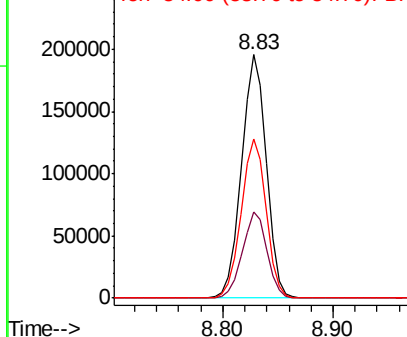
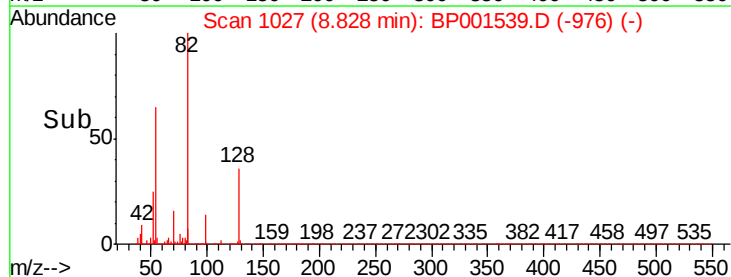


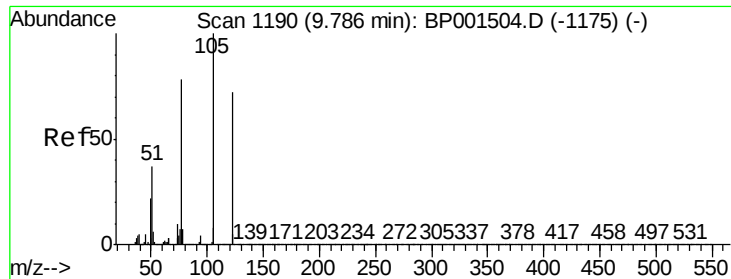
#23
Nitrobenzene-d5
Concen: 71.561 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:	82	Resp:	307812
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.9	40.3
54	65.3	51.8	77.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

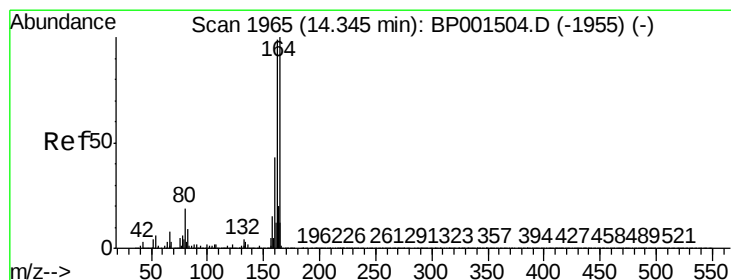
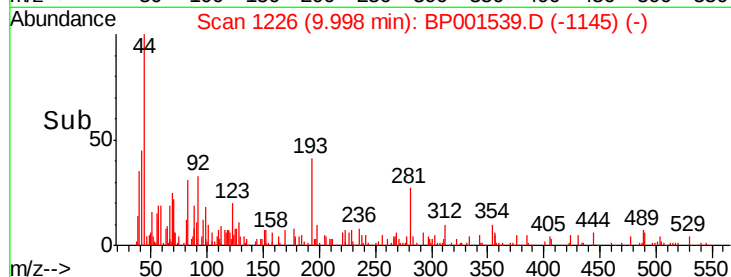
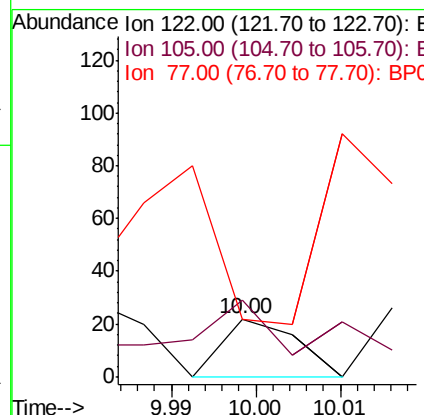
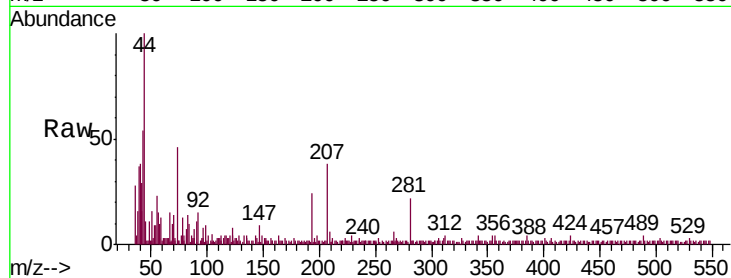




#32
Benzoic acid
Concen: 7.774 ng
RT: 10.00 min Scan# 1226
Delta R.T. 0.18 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

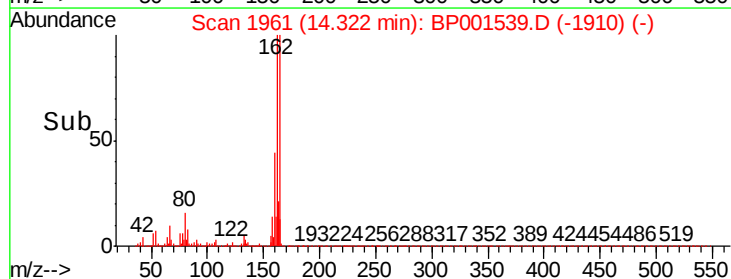
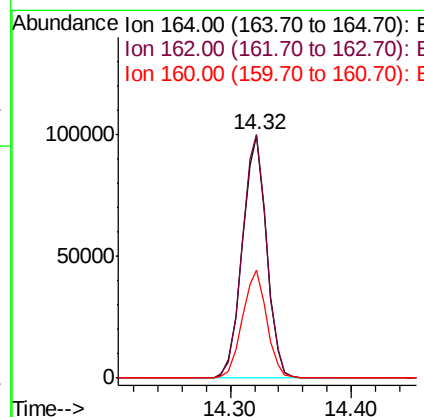
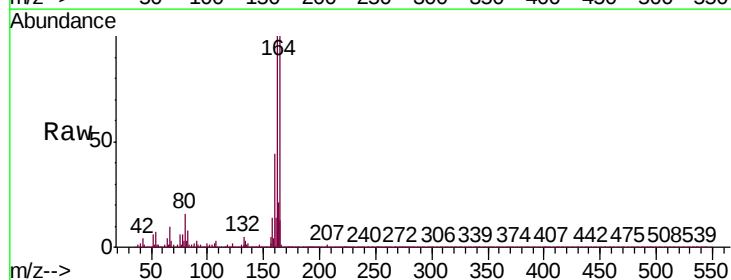
Instrument :
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Q091-WC-01

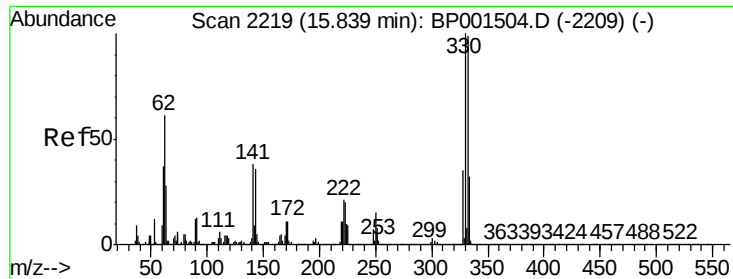
Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 131.8 111.0 151.0
77 100.0 96.4 136.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:164 Resp: 138864
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.4
160 44.6 34.1 51.1

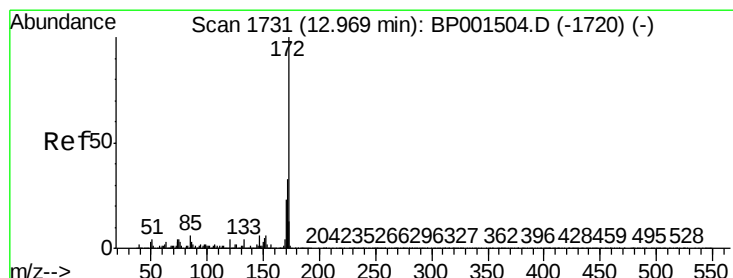
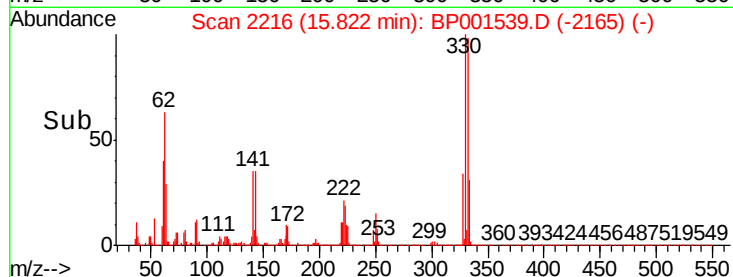
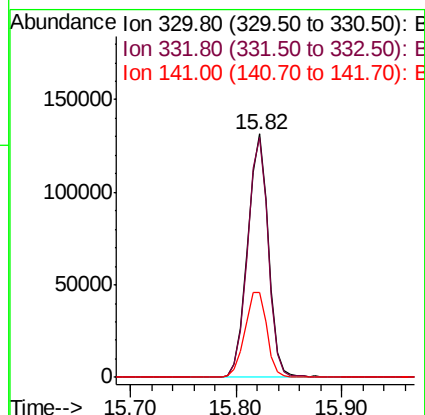
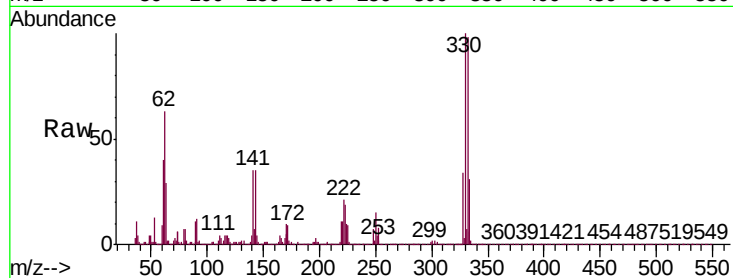




#42
 2,4,6-Tribromophenol
 Concen: 114.519 ng
 RT: 15.82 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BP001539.D
 Acq: 06 Jan 2020 20:28

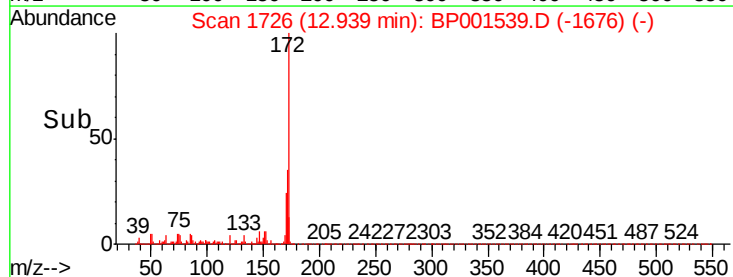
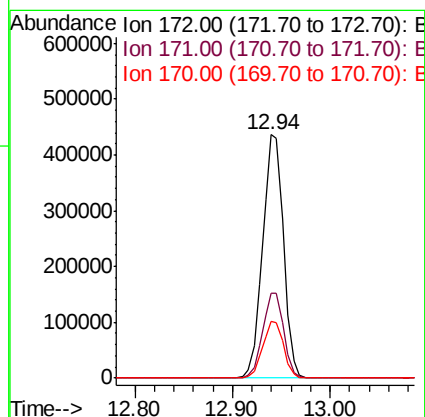
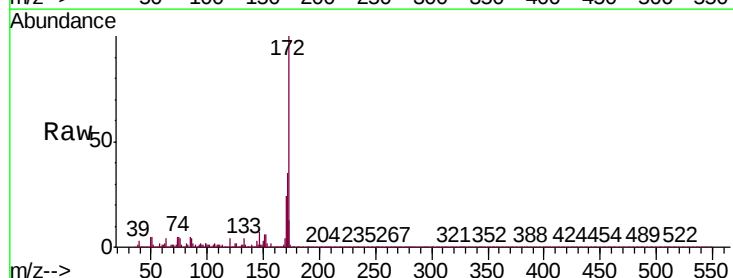
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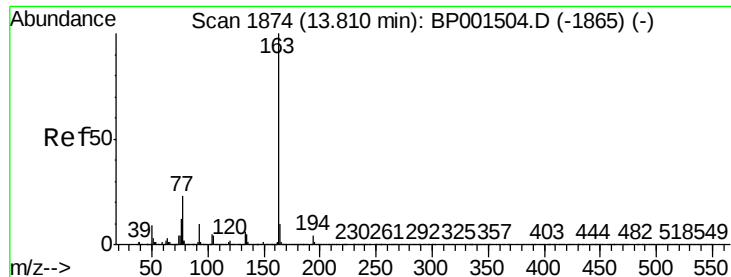
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	36.7	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 69.915 ng
 RT: 12.94 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BP001539.D
 Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.5	18.6	27.8

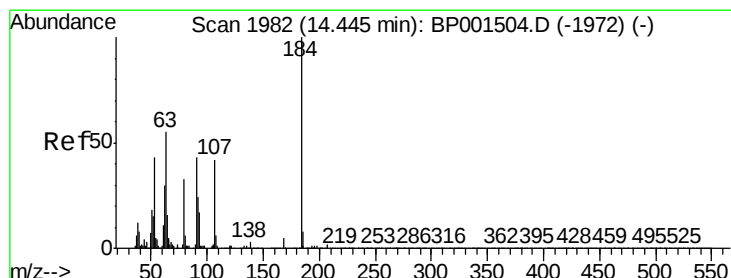
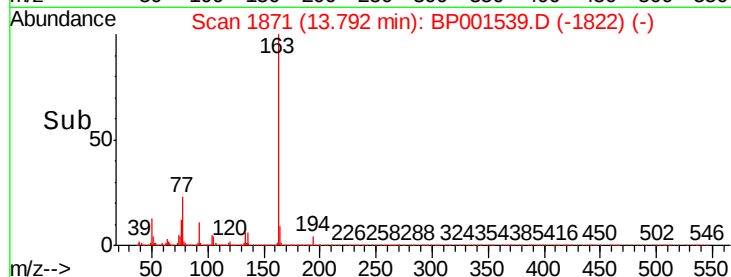
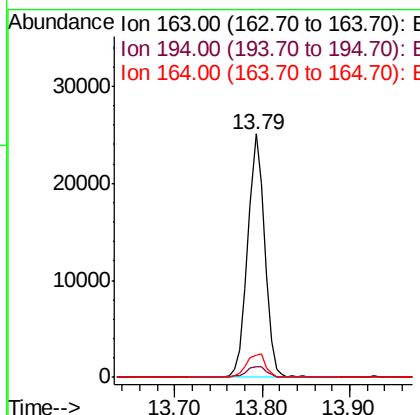
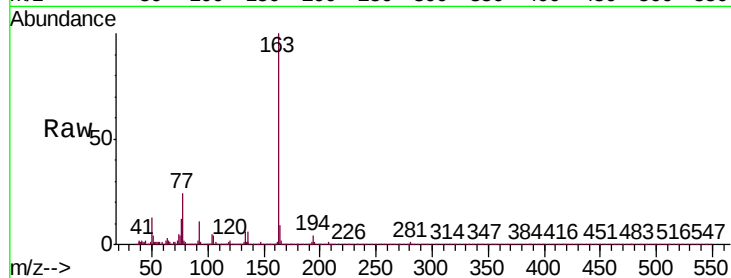




#50
Dimethylphthalate
Concen: 2.997 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

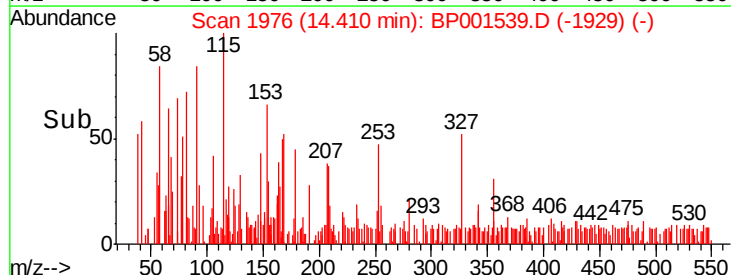
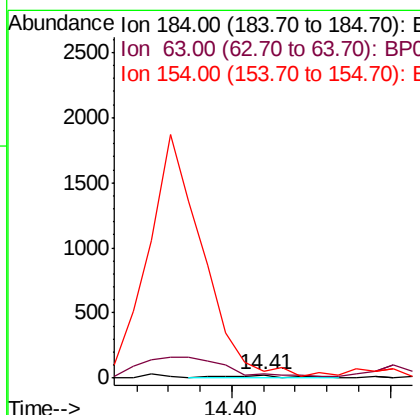
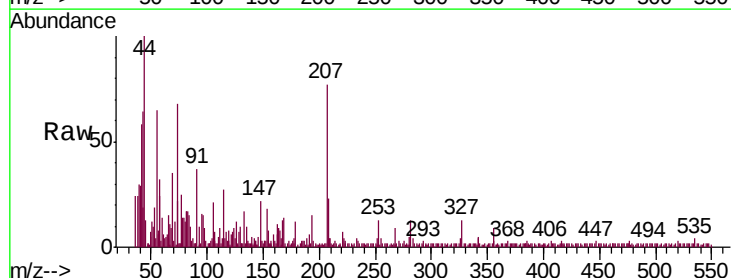
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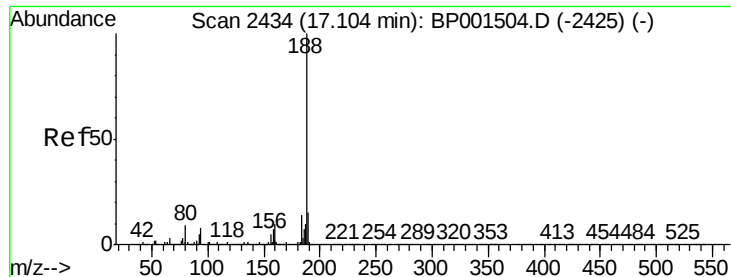
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	7.9	11.9



#54
2,4-Dinitrophenol
Concen: 6.479 ng
RT: 14.41 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	118.5	61.7	92.5#
154	185.2	58.9	88.3#

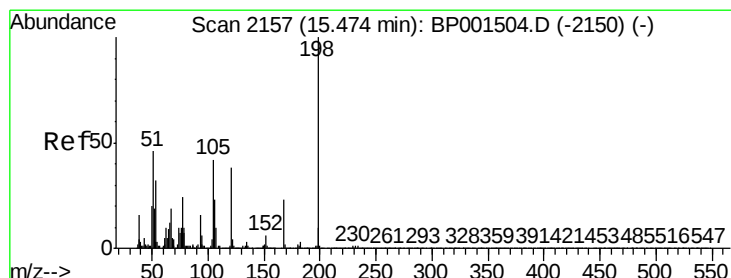
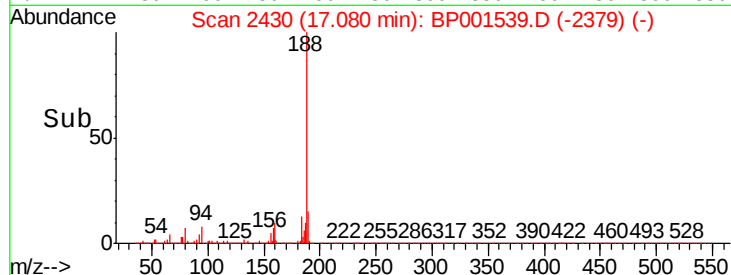
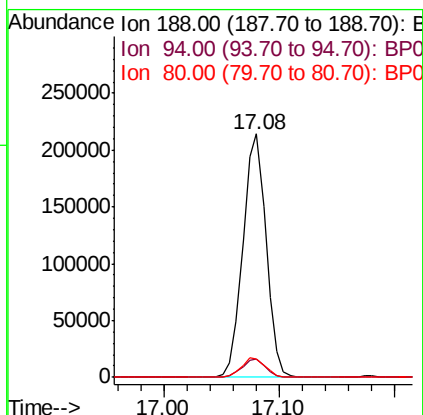
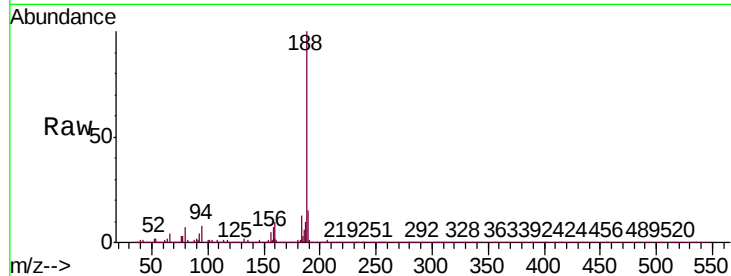




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

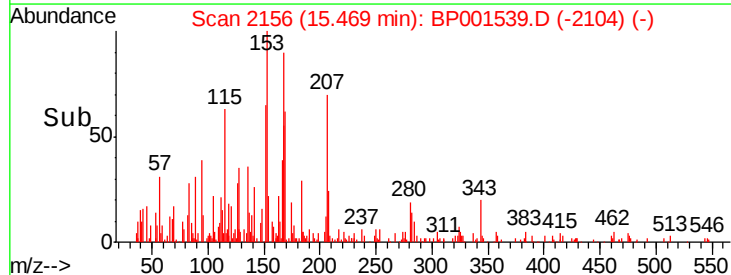
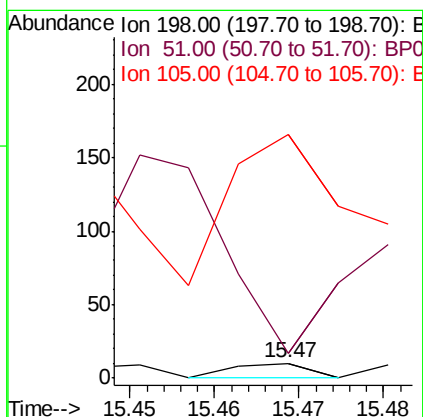
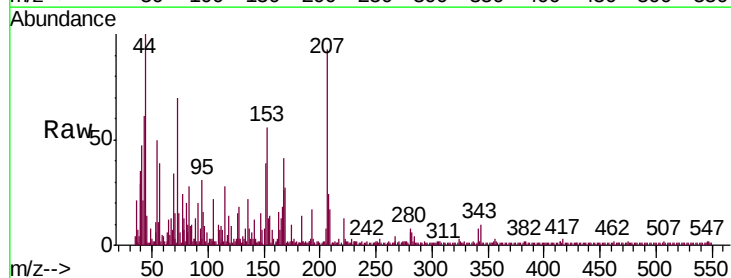
Instrument :
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Q091-WC-01

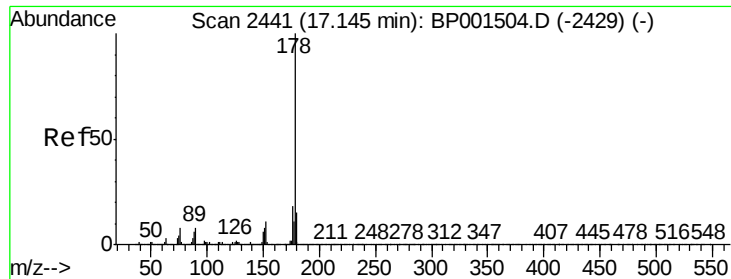
Tgt Ion:188 Resp: 297348
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.5 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 5.874 ng
RT: 15.47 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 320.0 35.4 75.4#
105 1660.0 18.3 58.3#





#71

Phenanthrene

Concen: 4.364 ng

RT: 17.12 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

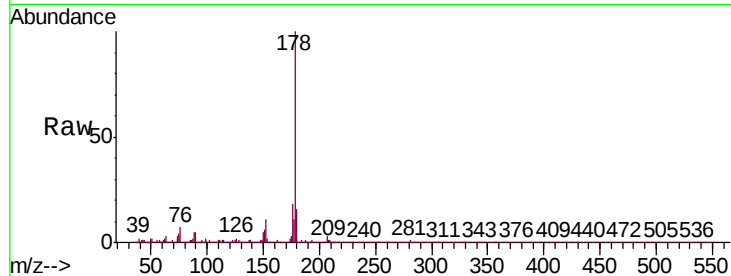
Tgt Ion:178 Resp: 70384

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

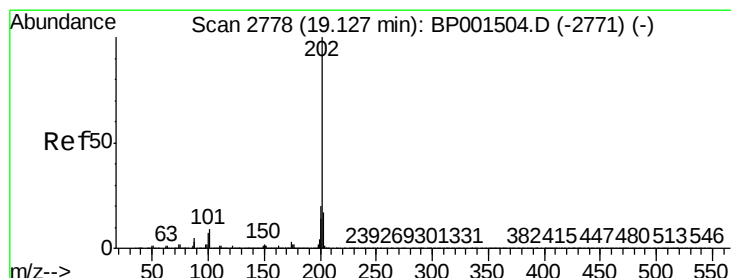
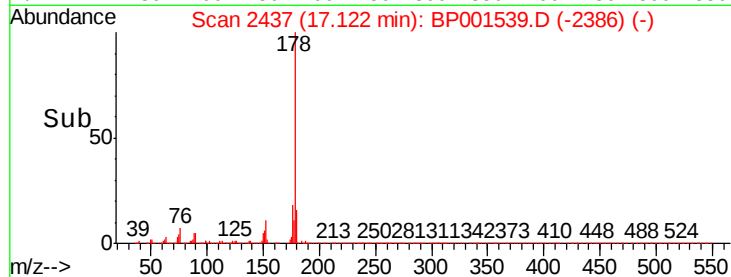
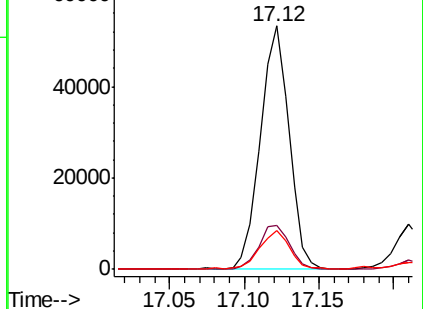
179 15.9 12.2 18.4



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



#75

Fluoranthene

Concen: 5.959 ng

RT: 19.10 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

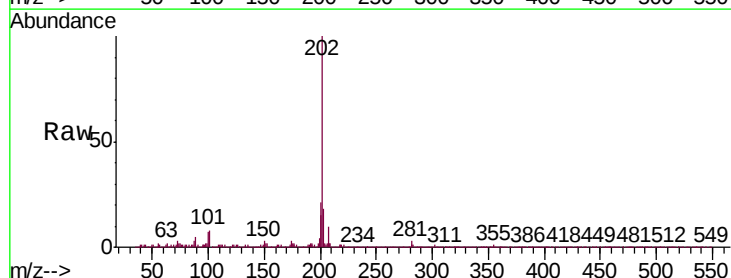
Tgt Ion:202 Resp: 116334

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.1

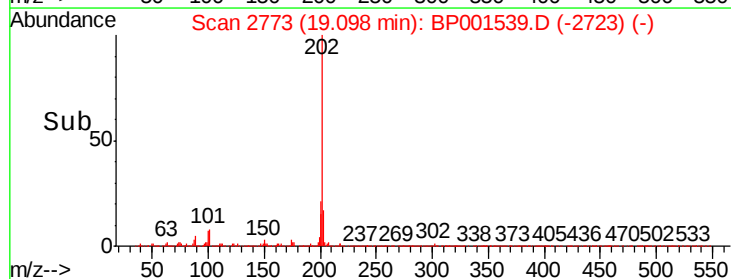
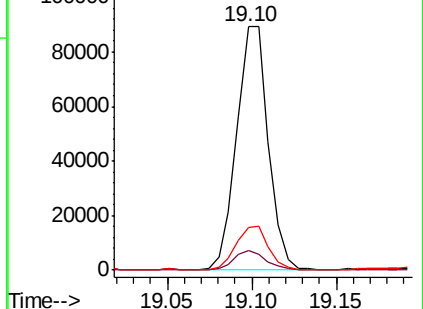
203 17.5 0.0 37.6

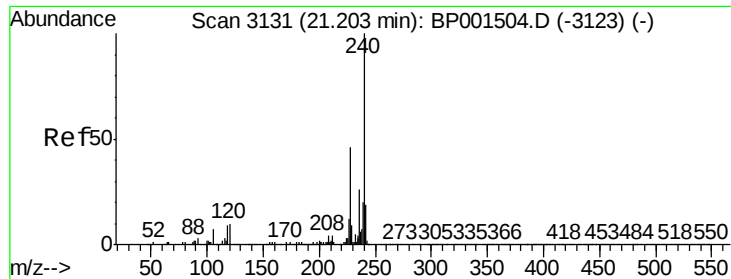


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

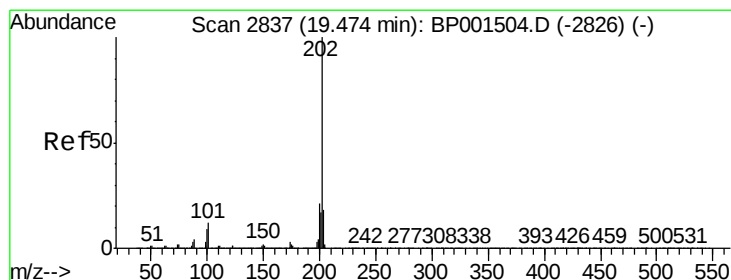
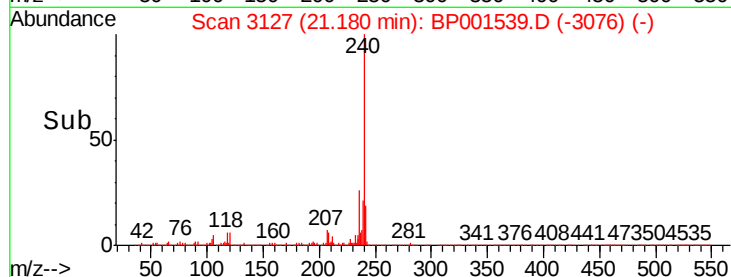
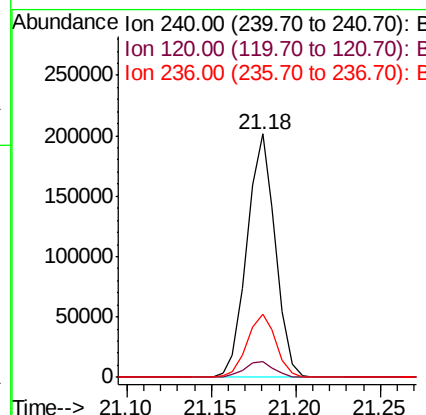
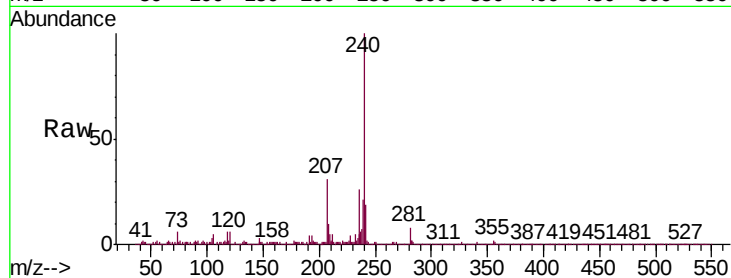




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

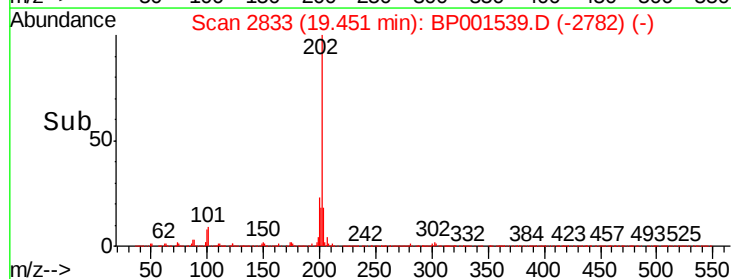
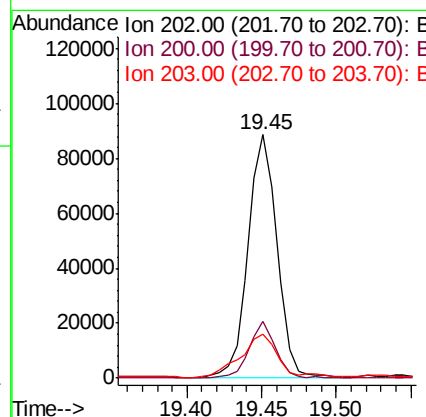
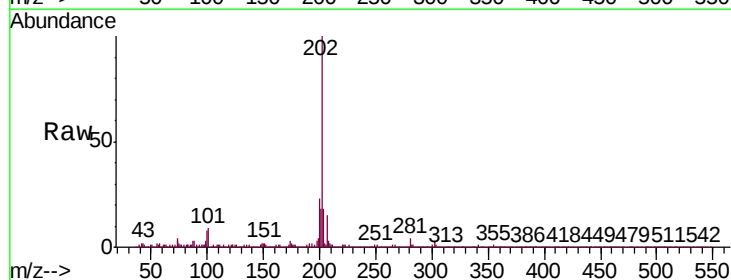
Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

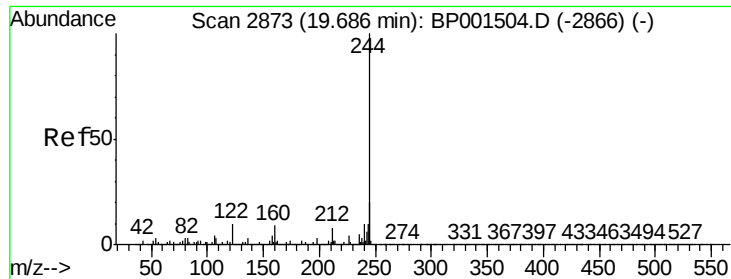
Tgt Ion:240 Resp: 234951
Ion Ratio Lower Upper
240 100
120 6.2 5.2 7.8
236 25.8 21.4 32.2



#78
Pyrene
Concen: 6.922 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:202 Resp: 118009
Ion Ratio Lower Upper
202 100
200 23.4 16.2 24.4
203 17.9 13.6 20.4





#79

Terphenyl-d14

Concen: 76.650 ng

RT: 19.66 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

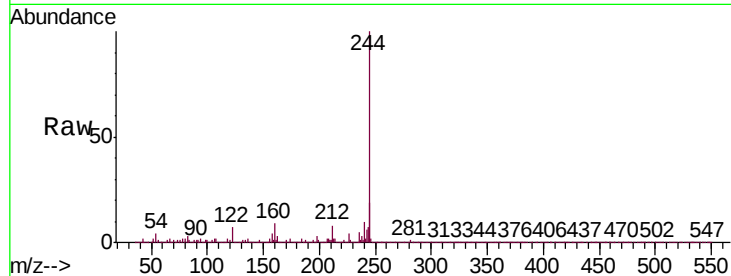
Tgt Ion:244 Resp: 903668

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

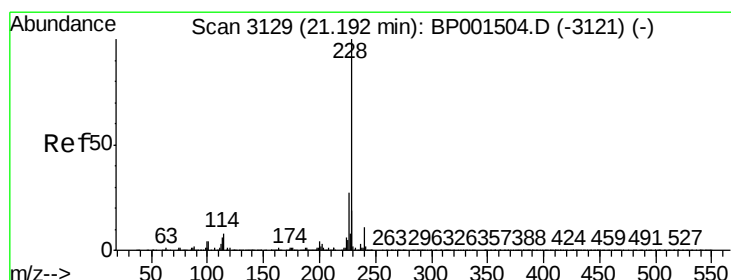
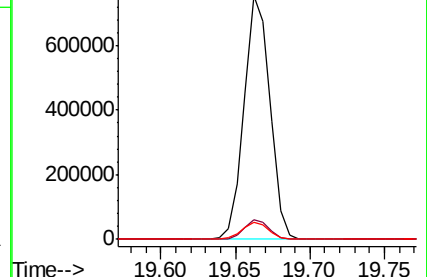
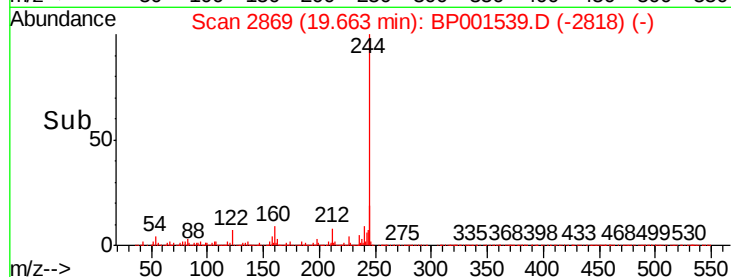
122 7.0 6.0 9.0



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: 3.457 ng

RT: 21.16 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

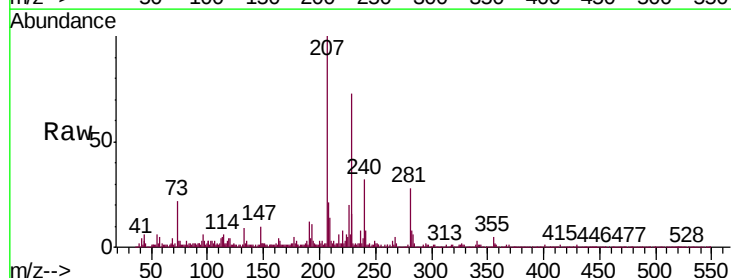
Tgt Ion:228 Resp: 56984

Ion Ratio Lower Upper

228 100

226 27.9 21.4 32.2

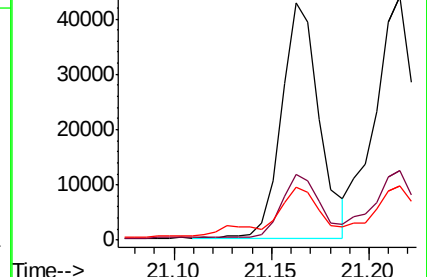
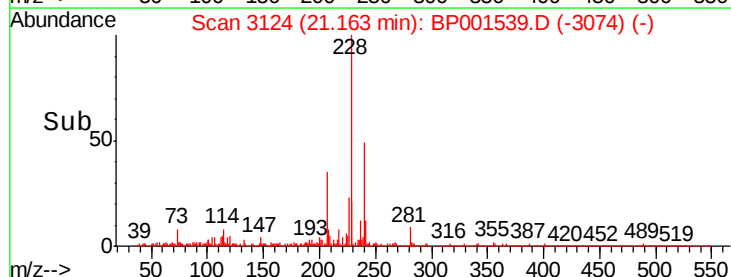
229 22.2 15.5 23.3

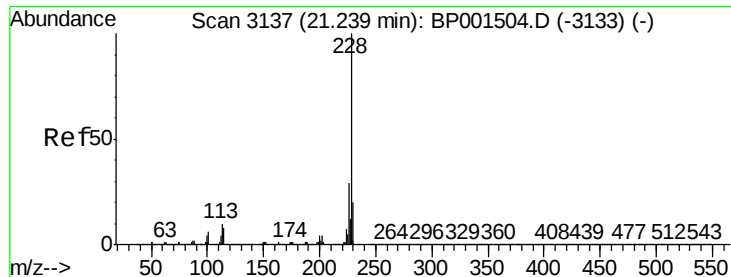


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.869 ng

RT: 21.22 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

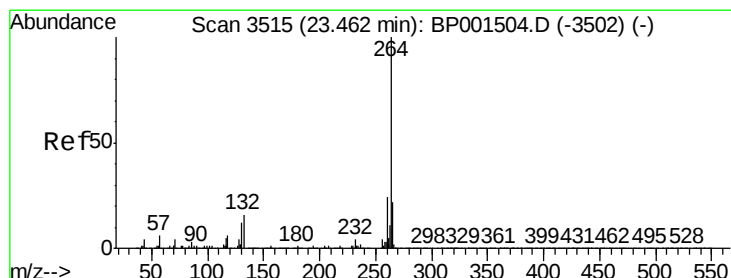
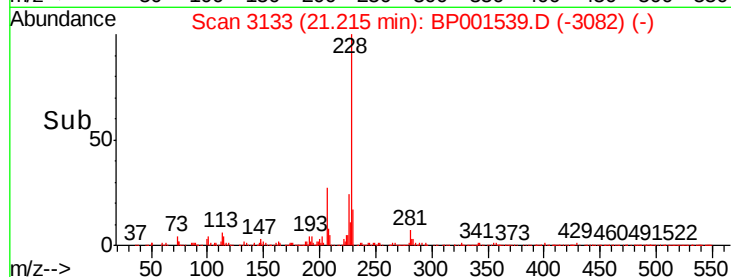
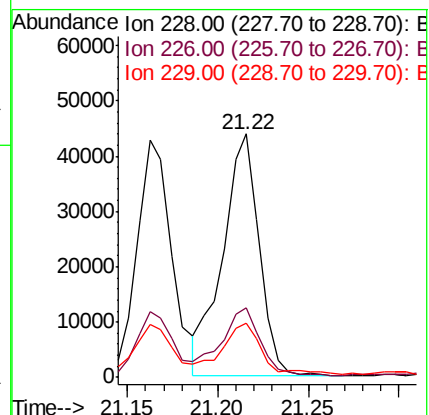
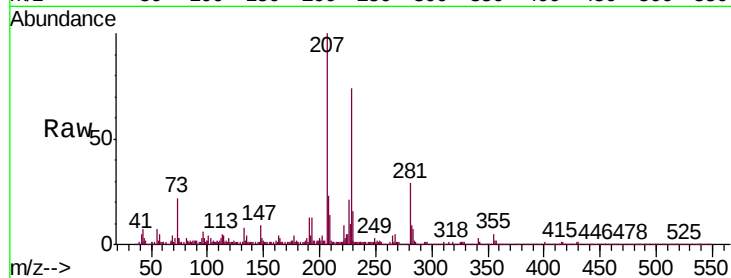
Tgt Ion:228 Resp: 61164

Ion Ratio Lower Upper

228 100

226 28.7 23.1 34.7

229 22.2 15.6 23.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

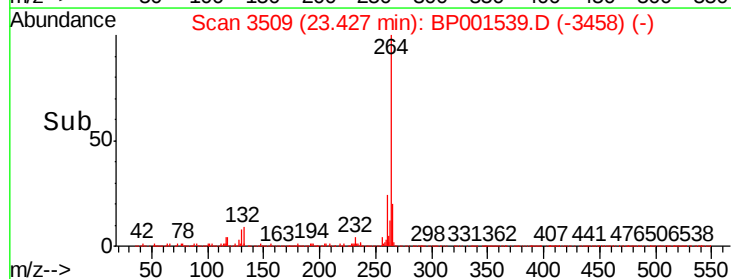
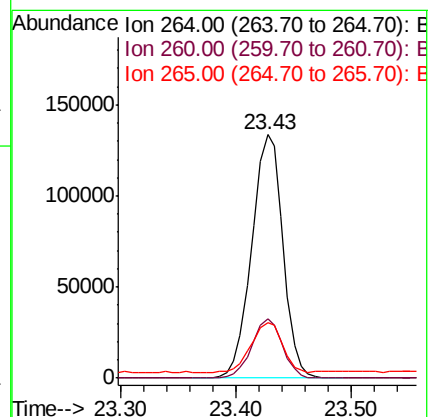
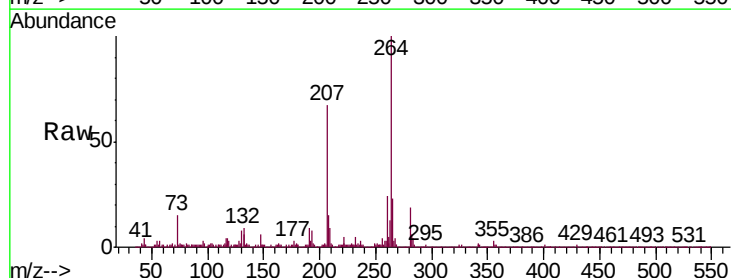
Tgt Ion:264 Resp: 252617

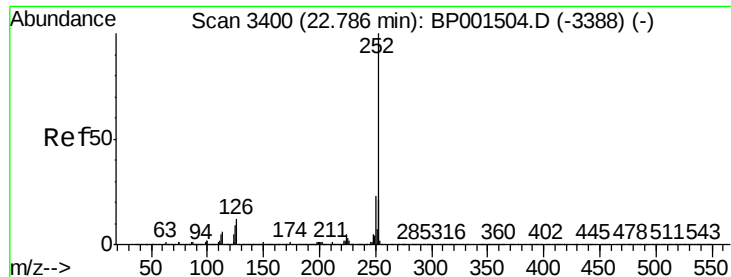
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.6 19.0 28.4





#88

Benzo(b)fluoranthene

Concen: 4.185 ng

RT: 22.76 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

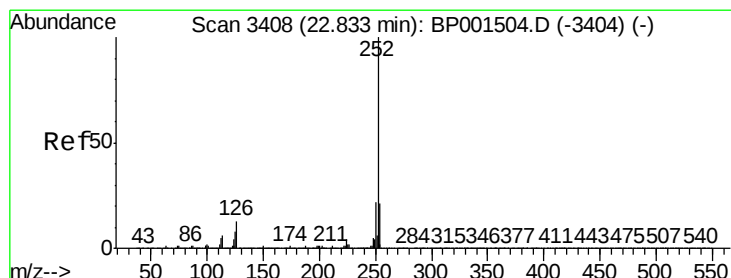
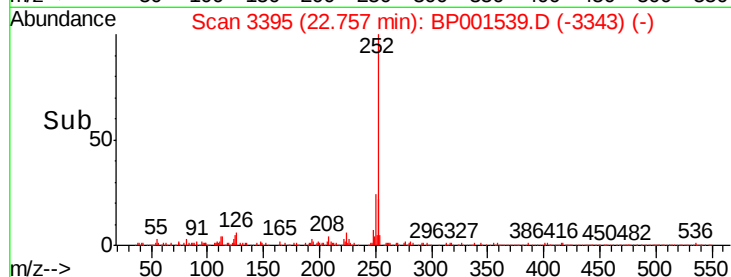
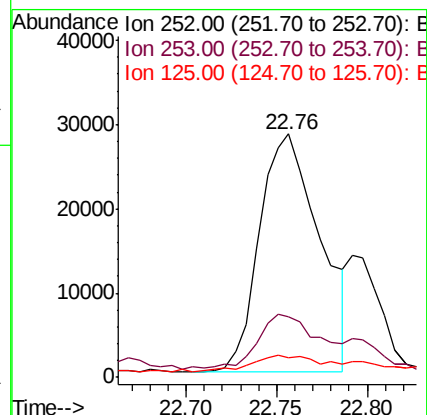
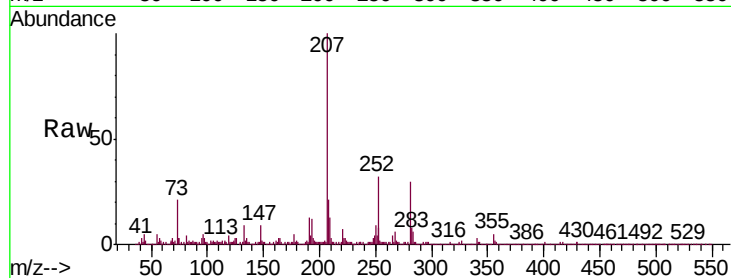
Tgt Ion:252 Resp: 65464

Ion Ratio Lower Upper

252 100

253 24.9 16.7 25.1

125 7.9 4.2 6.2#



#89

Benzo(k)fluoranthene

Concen: 4.369 ng

RT: 22.76 min Scan# 3395

Delta R.T. -0.04 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

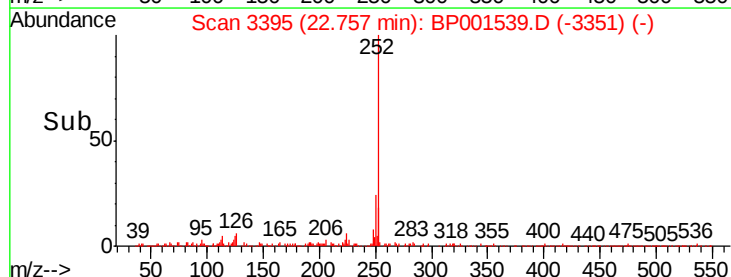
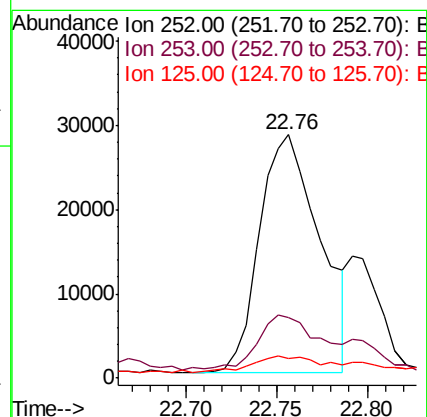
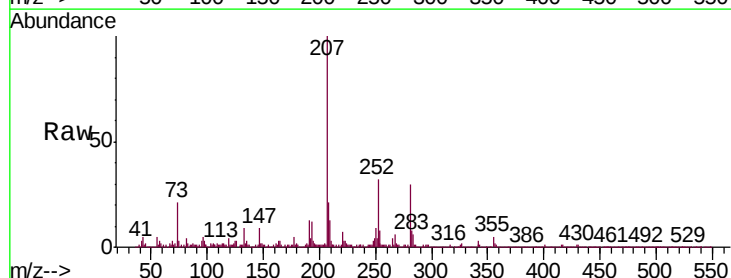
Tgt Ion:252 Resp: 65464

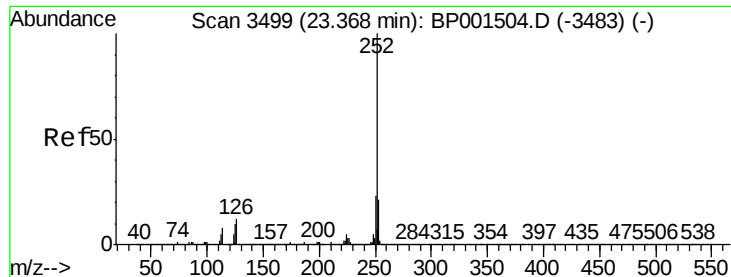
Ion Ratio Lower Upper

252 100

253 24.9 17.3 25.9

125 7.9 4.8 7.2#





#90

Benzo(a)pyrene

Concen: 2.803 ng

RT: 23.33 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

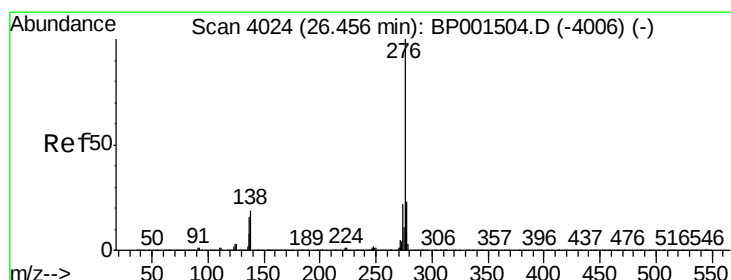
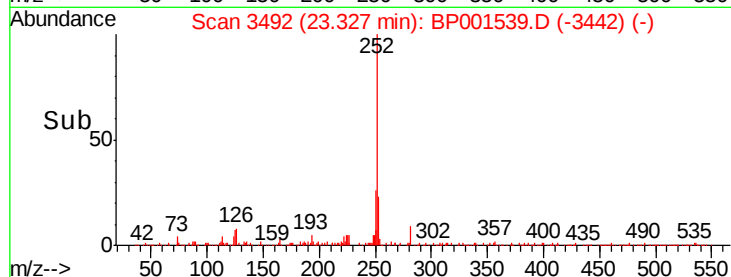
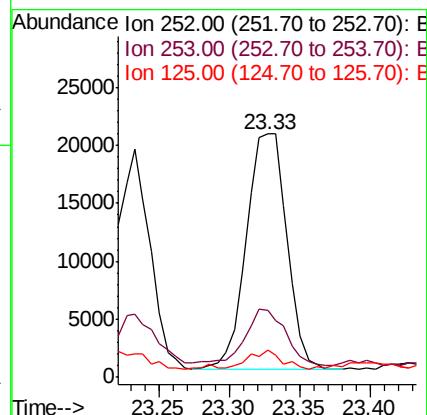
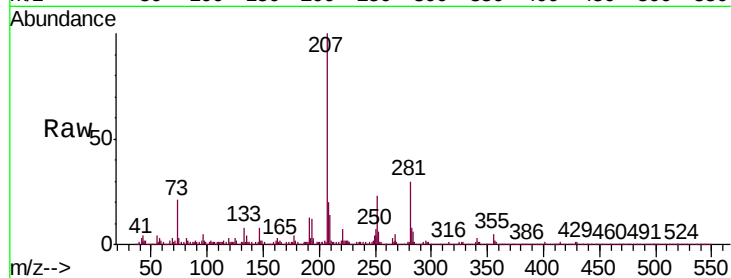
Tgt Ion:252 Resp: 41038

Ion Ratio Lower Upper

252 100

253 27.3 17.8 26.8#

125 11.1 4.6 6.8#



#92

Benzo(g,h,i)perylene

Concen: 2.028 ng

RT: 26.39 min Scan# 4013

Delta R.T. -0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Tgt Ion:276 Resp: 29436

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 15.3 10.1 15.1#

