

Data File : BP001535.D
Acq On : 06 Jan 2020 18:13
Operator : JU
Sample : K6471-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

Quant Time: Jan 07 02:54:35 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	48154	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	168919	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	109486	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	250571	20.00	ng	0.00
76) Chrysene-d12	21.18	240	211389	20.00	ng	0.00
87) Perylene-d12	23.43	264	222195	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	252154	87.97	ng	0.00
7) Phenol-d6	6.89	99	356545	92.35	ng	0.00
23) Nitrobenzene-d5	8.83	82	243973	71.34	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	144552	116.66	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	489994	65.81	ng	0.00
79) Terphenyl-d14	19.66	244	751846	70.88	ng	0.00

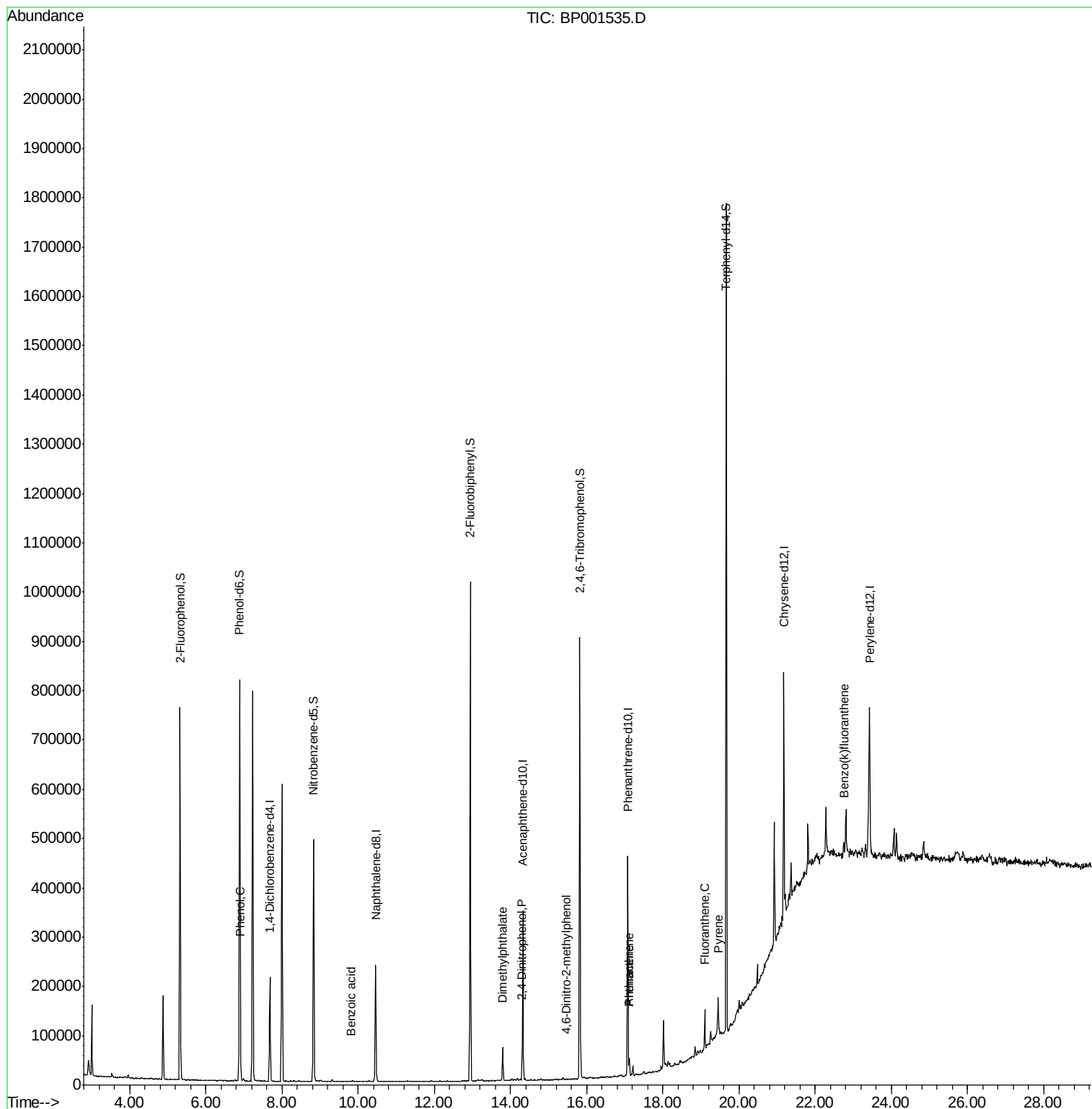
Target Compounds				Qvalue		
9) Benzaldehyde	6.85	77	98	Below Cal	#	62
10) Phenol	6.91	94	11042	2.719 ng		80
32) Benzoic acid	9.82	122	42	7.791 ng	#	59
50) Dimethylphthalate	13.79	163	38573	4.507 ng		99
54) 2,4-Dinitrophenol	14.30	184	19	6.474 ng		90
65) 4,6-Dinitro-2-methylphenol	15.46	198	14	5.883 ng	#	1
71) Phenanthrene	17.12	178	28465	2.094 ng		95
72) Anthracene	17.12	178	28465	2.113 ng		94
75) Fluoranthene	19.10	202	47352	2.878 ng		98
78) Pyrene	19.45	202	43833	2.858 ng		99
89) Benzo(k)fluoranthene	22.76	252	27294	2.071 ng	#	85

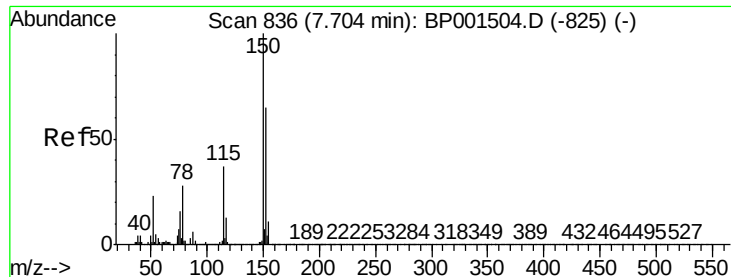
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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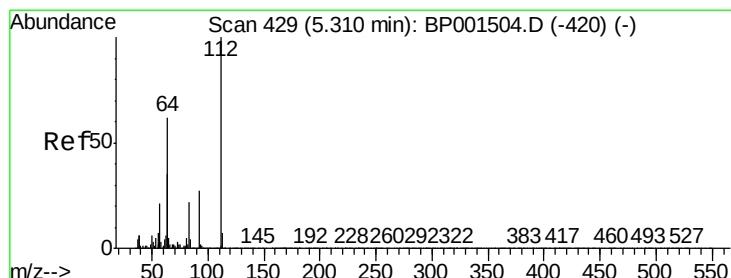
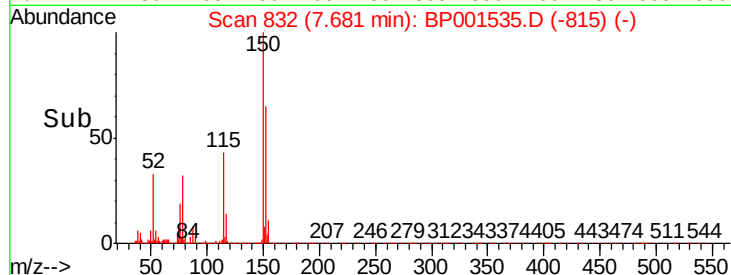
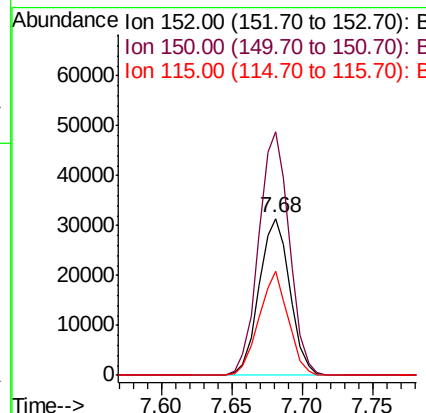
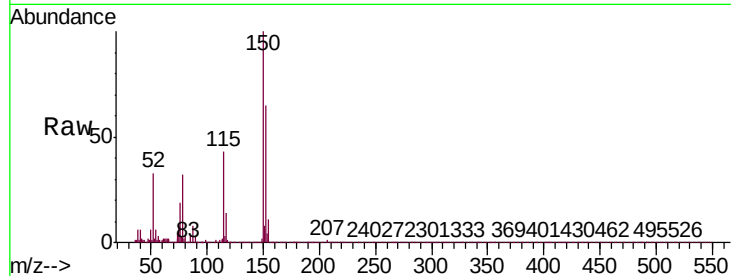


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

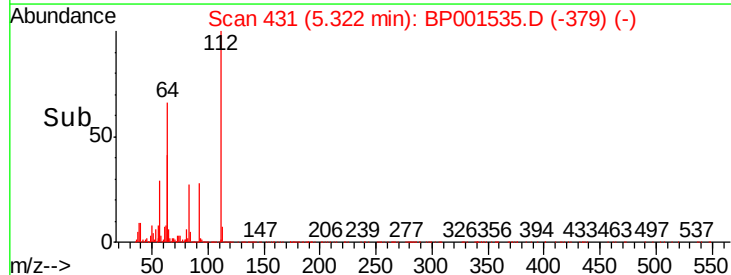
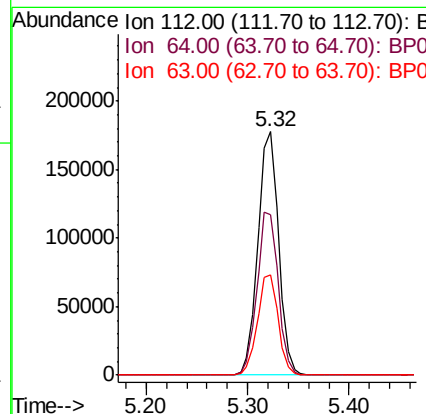
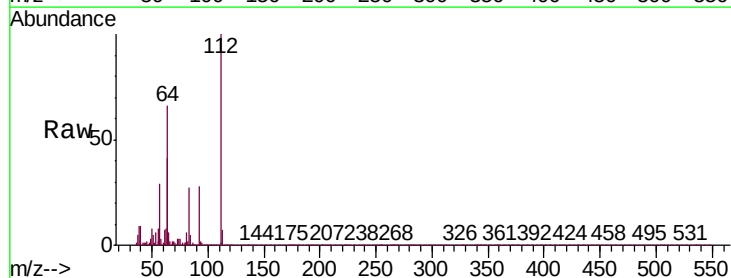
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	117.9	176.9
115	65.9	50.3	75.5

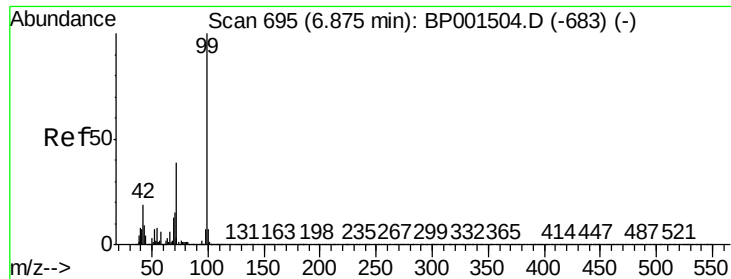


#5

2-Fluorophenol
Concen: 87.972 ng
RT: 5.32 min Scan# 431
Delta R.T. 0.01 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	52.6	79.0
63	41.0	32.6	48.8





#7

Phenol-d6

Concen: 92.354 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

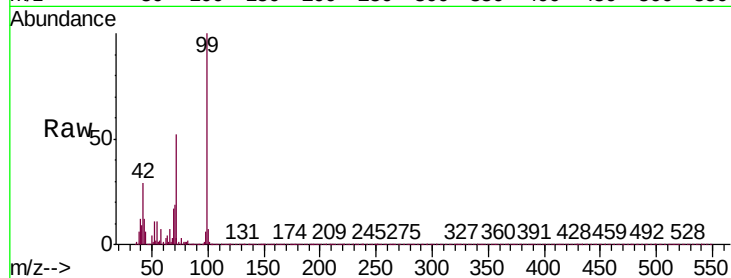
Tgt Ion: 99 Resp: 356545

Ion Ratio Lower Upper

99 100

42 29.4 21.2 31.8

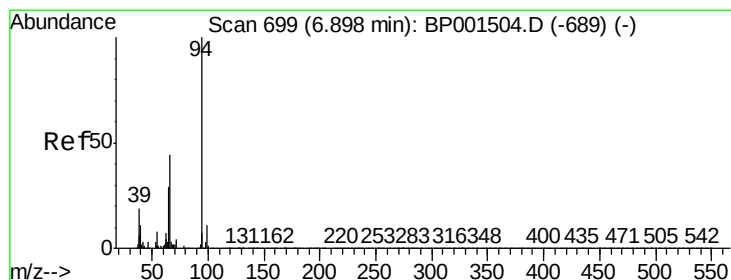
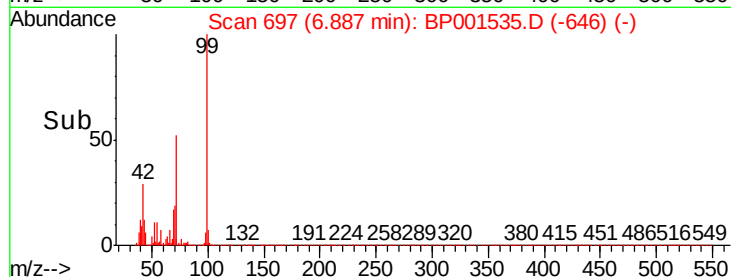
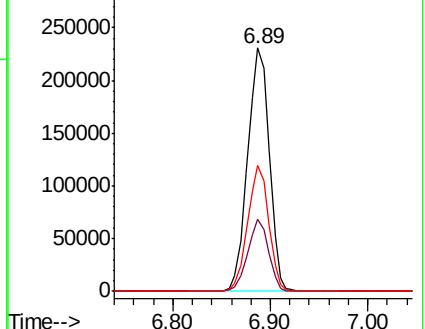
71 51.8 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.719 ng

RT: 6.91 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

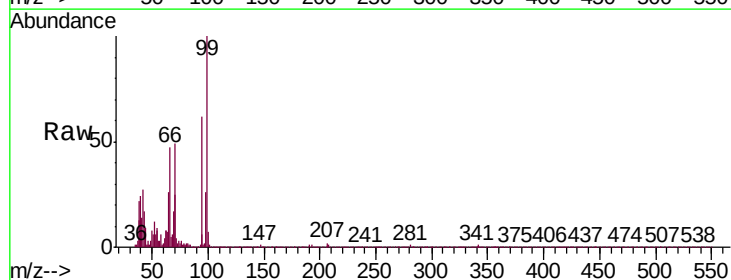
Tgt Ion: 94 Resp: 11042

Ion Ratio Lower Upper

94 100

65 42.5 15.7 55.7

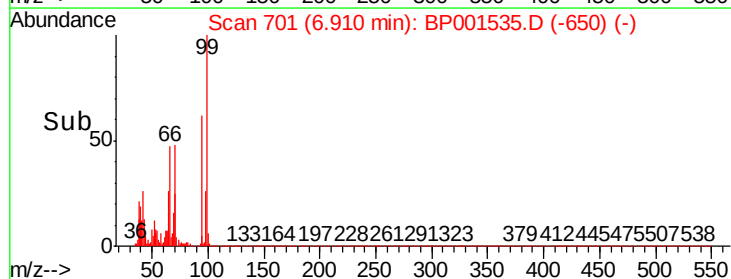
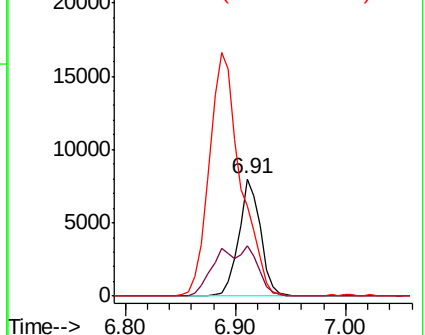
66 76.3 37.8 77.8

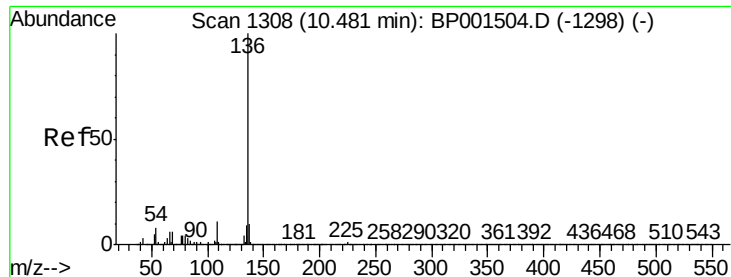


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

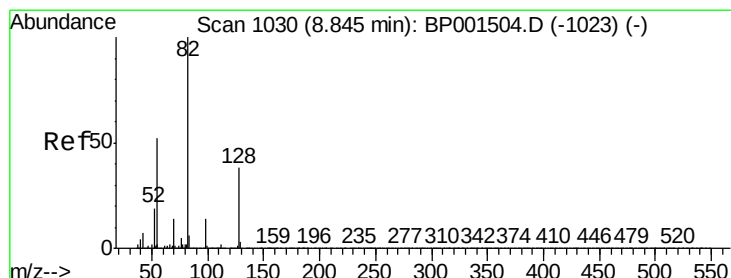
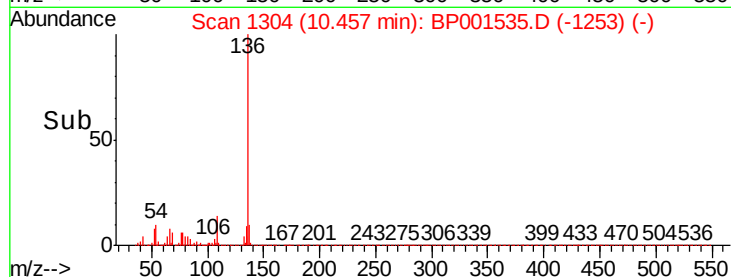
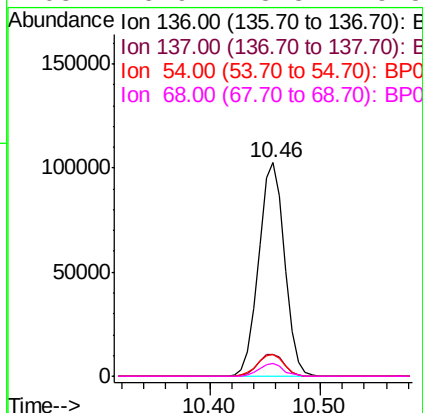
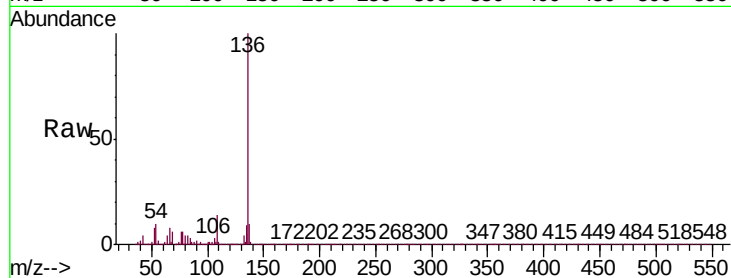




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

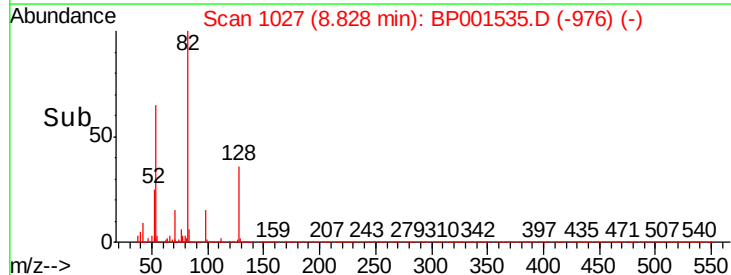
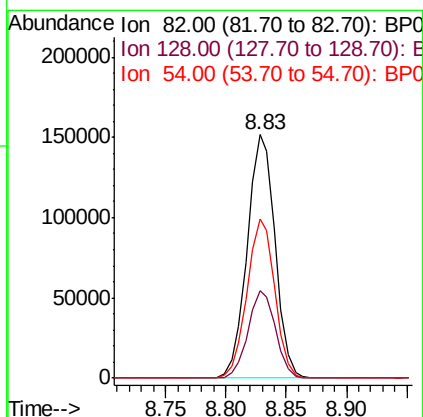
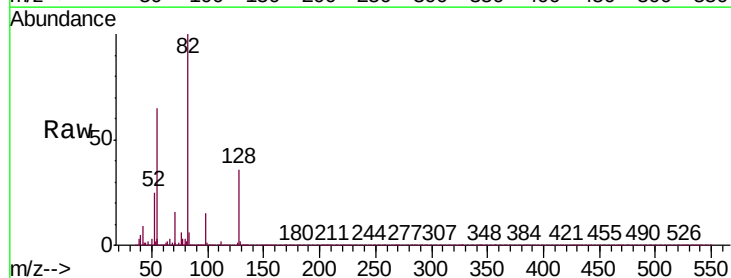
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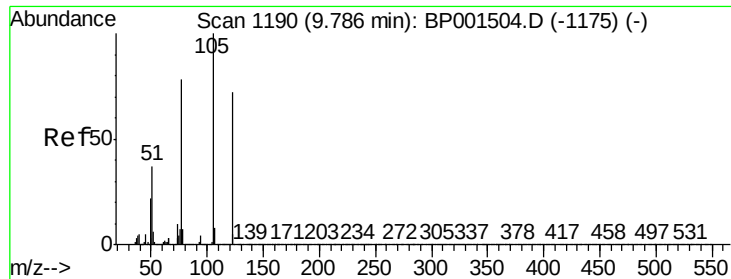
Tgt Ion:	136	Resp:	168919
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	10.3	8.4	12.6
68	5.9	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 71.338 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion:	82	Resp:	243973
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.9	40.3
54	65.2	51.8	77.8

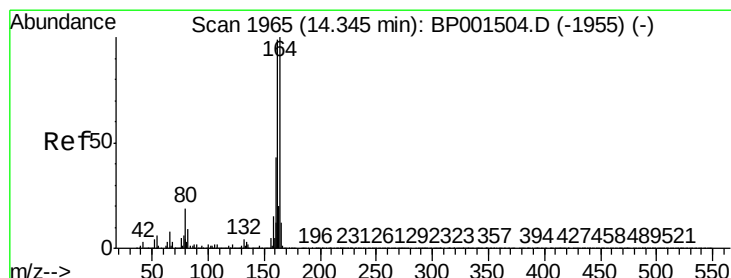
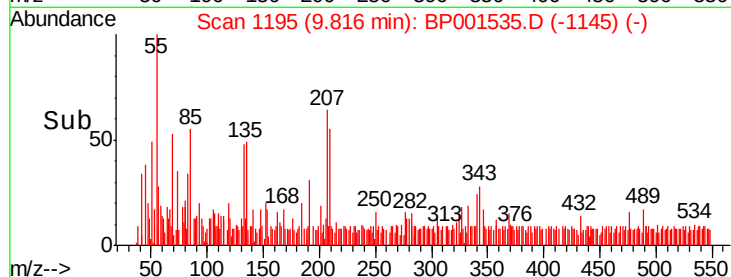
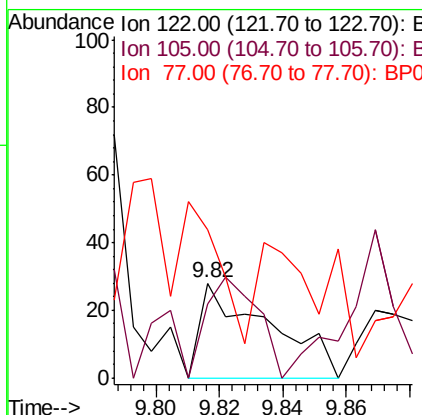
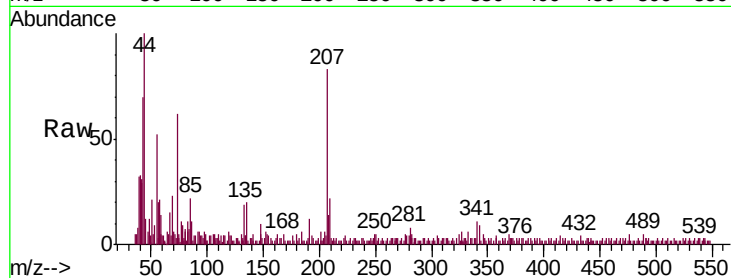




#32
Benzoic acid
Concen: 7.791 ng
RT: 9.82 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

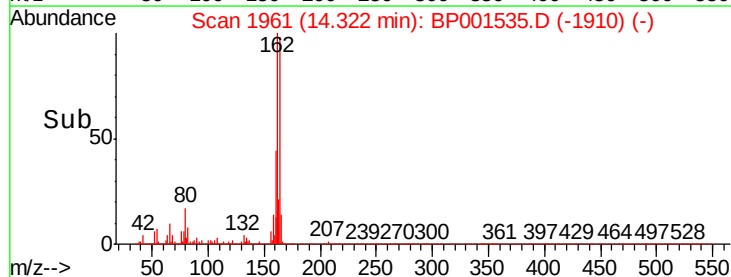
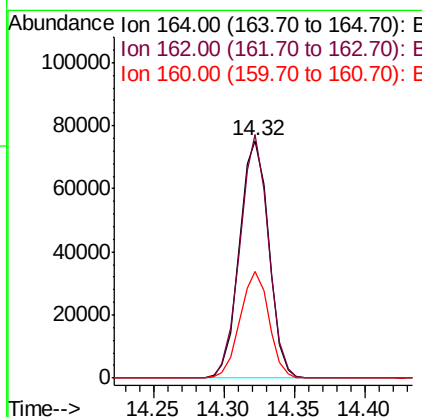
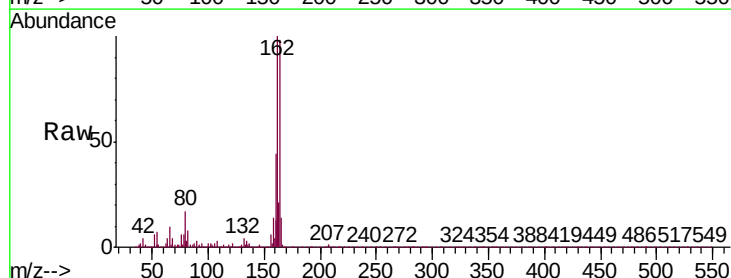
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

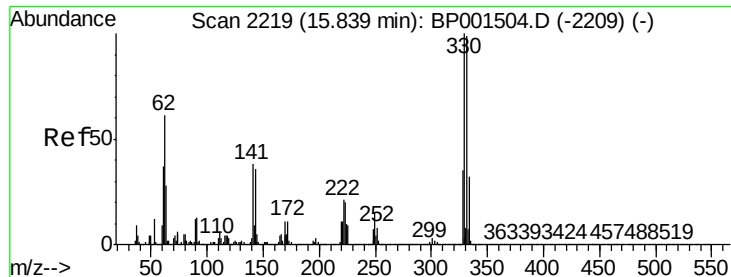
Tgt Ion	Ratio	Lower	Upper
122	100		
105	78.6	111.0	151.0#
77	157.1	96.4	136.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.0	118.4
160	44.9	34.1	51.1





#42

2,4,6-Tribromophenol

Concen: 116.656 ng

RT: 15.82 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

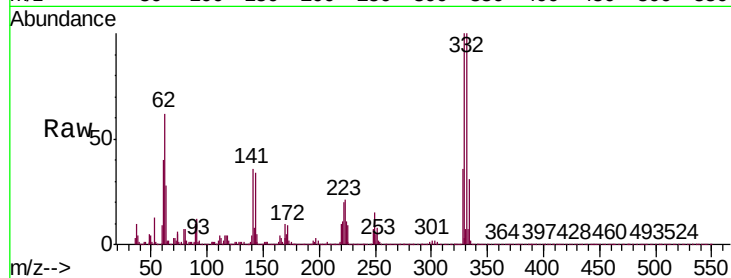
Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

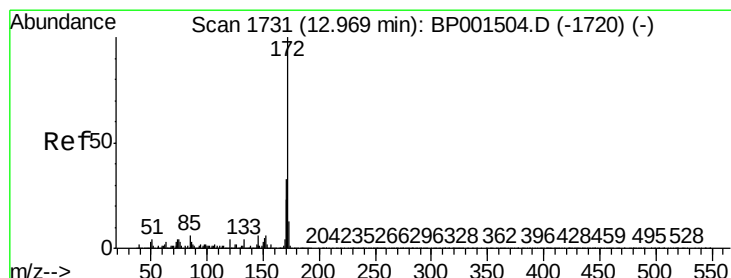
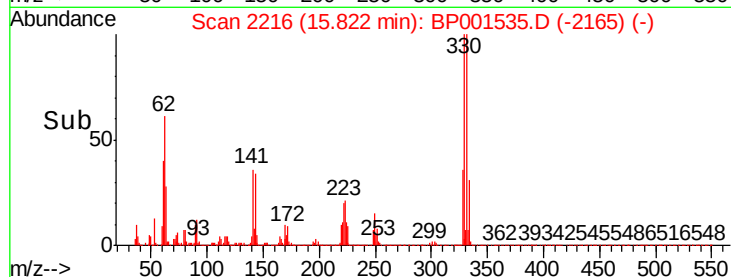
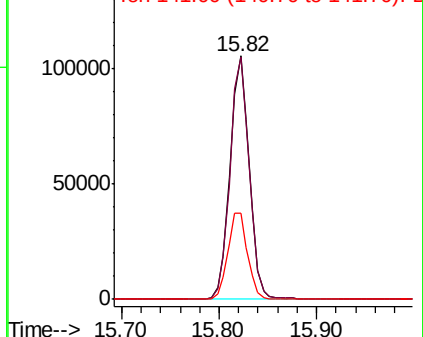
Tgt Ion:	330	Resp:	144552
Ion Ratio	Lower	Upper	
330	100		
332	98.9	78.0	117.0
141	36.7	28.7	43.1



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: 65.806 ng

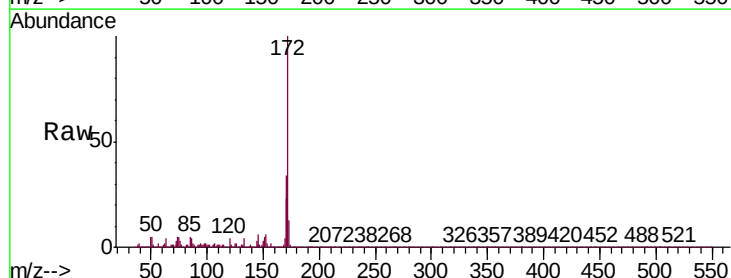
RT: 12.94 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

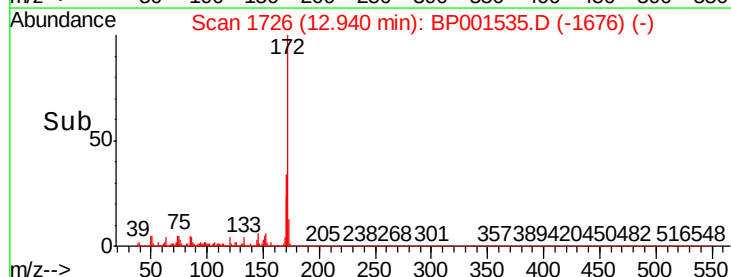
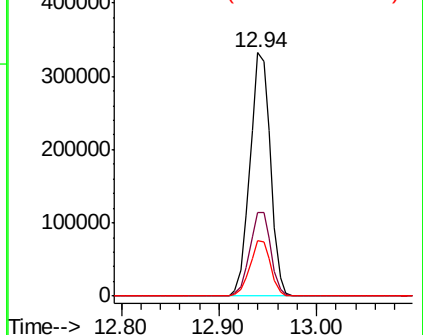
Tgt Ion:	172	Resp:	489994
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.0	42.0
170	22.8	18.6	27.8

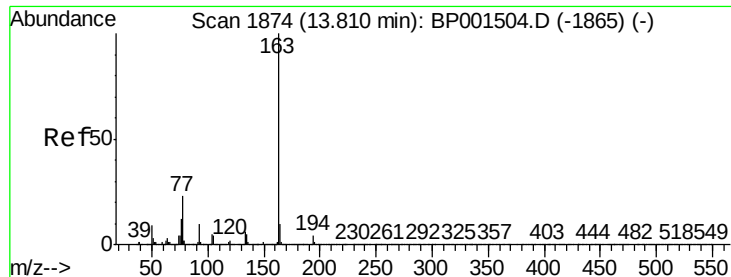


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.507 ng

RT: 13.79 min Scan# 1871

Delta R.T. -0.01 min

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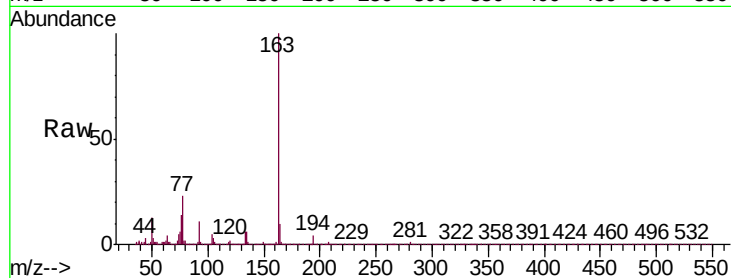
Tgt Ion:163 Resp: 38573

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

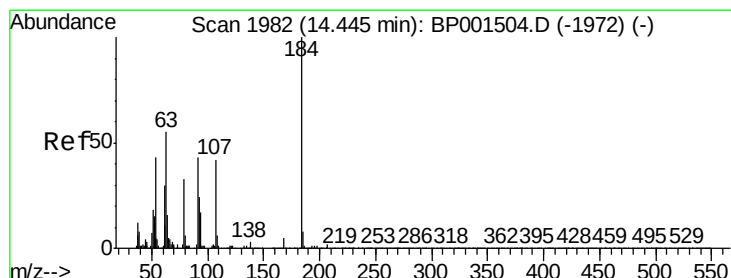
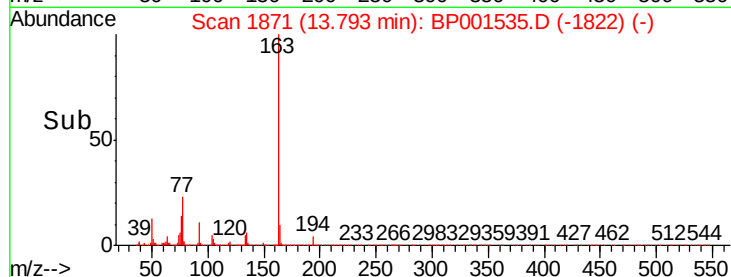
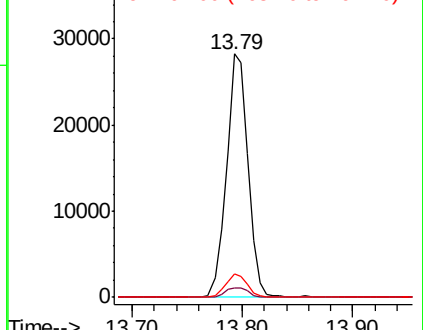
164 9.6 7.9 11.9



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



#54

2,4-Dinitrophenol

Concen: 6.474 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.14 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

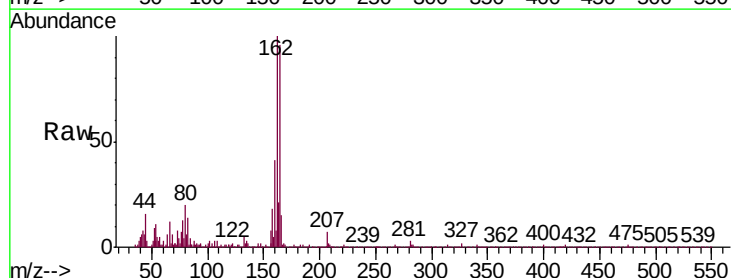
Tgt Ion:184 Resp: 19

Ion Ratio Lower Upper

184 100

63 66.7 61.7 92.5

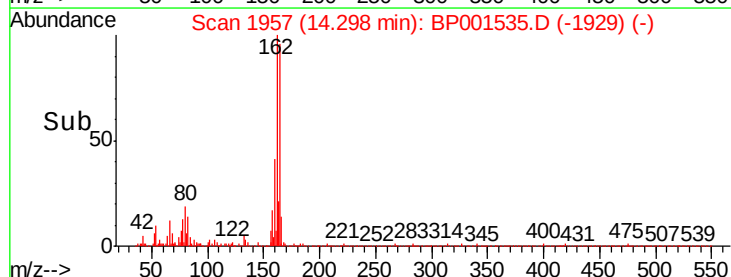
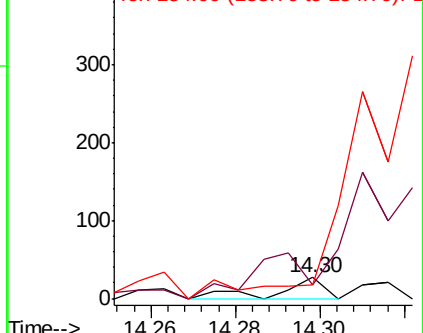
154 66.7 58.9 88.3

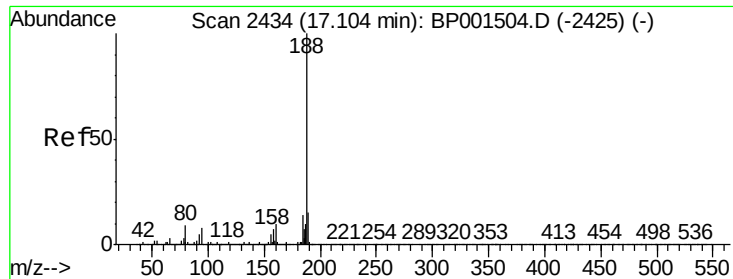


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

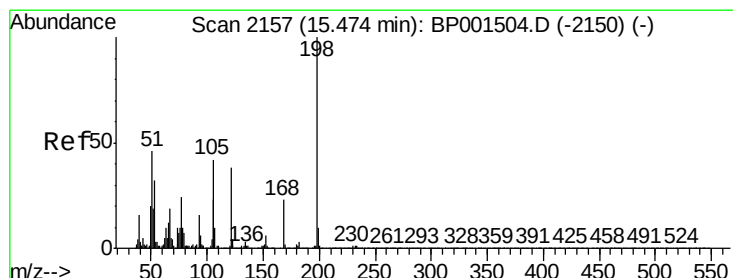
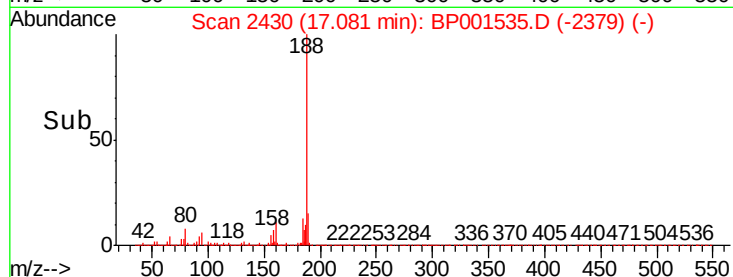
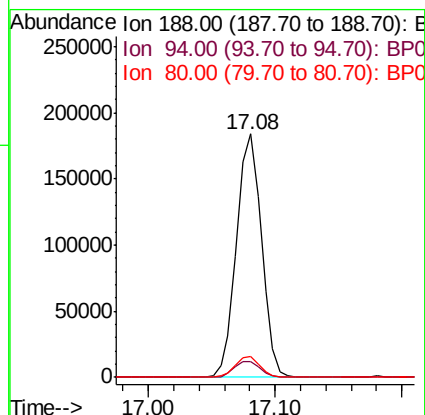
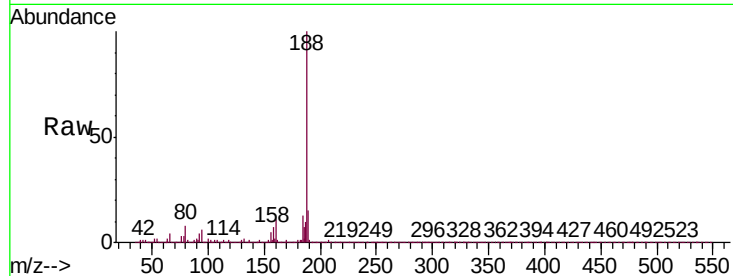




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

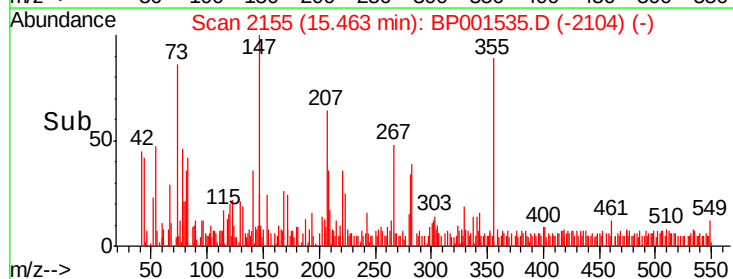
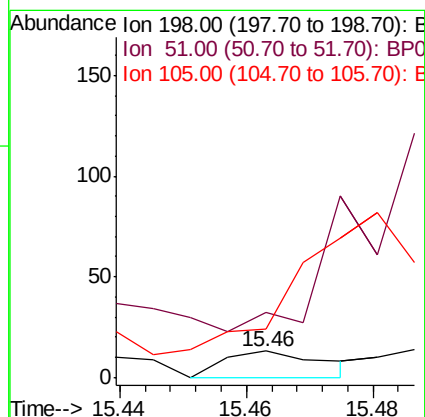
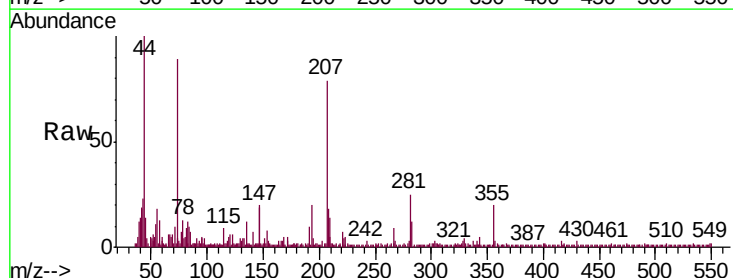
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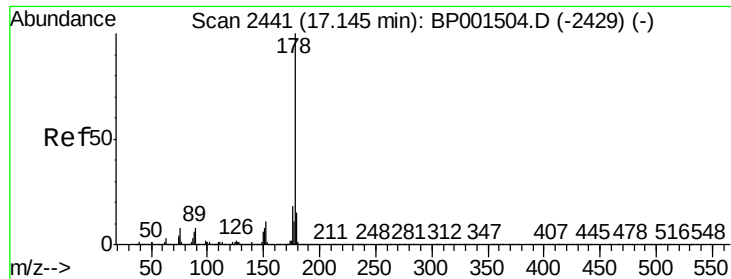
Tgt Ion:188 Resp: 250571
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.4 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 5.883 ng
RT: 15.46 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 246.2 35.4 75.4#
105 184.6 18.3 58.3#

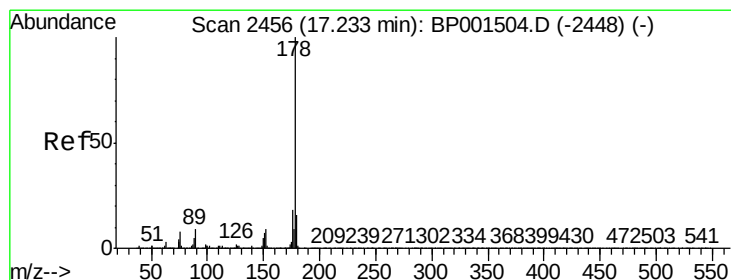
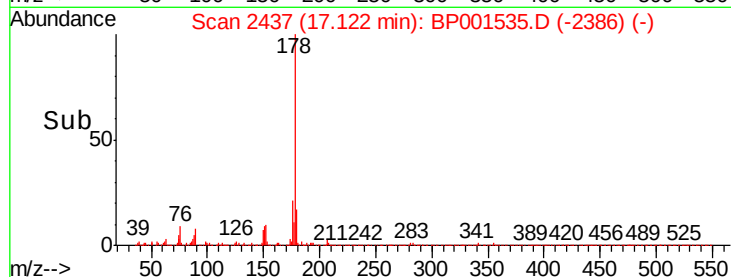
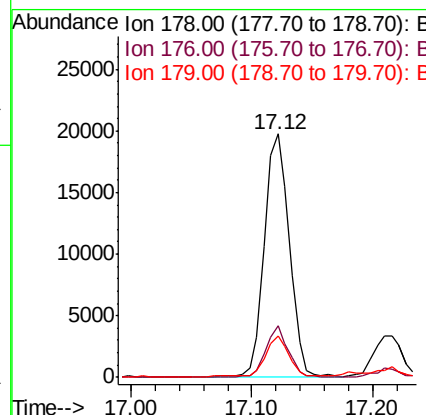
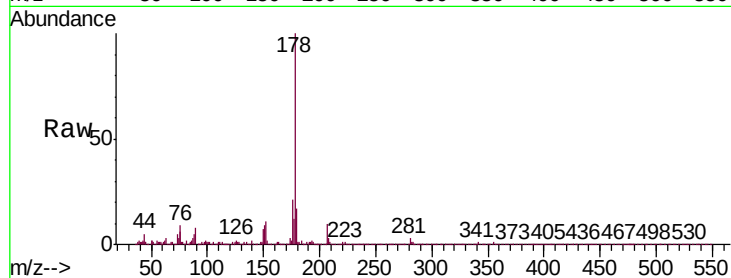




#71
Phenanthrene
Concen: 2.094 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

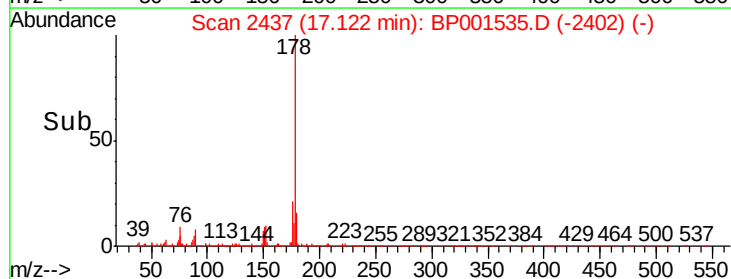
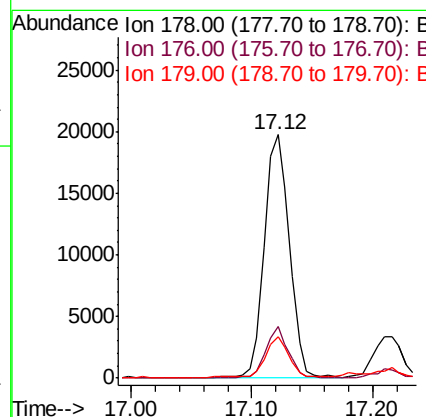
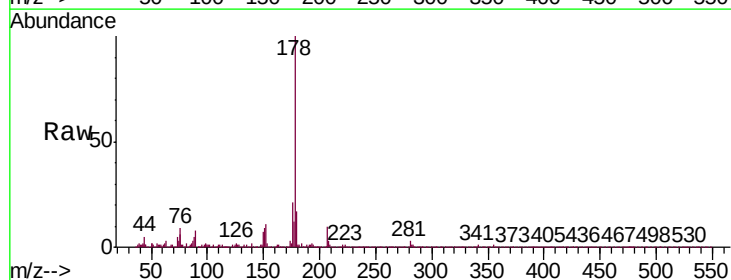
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

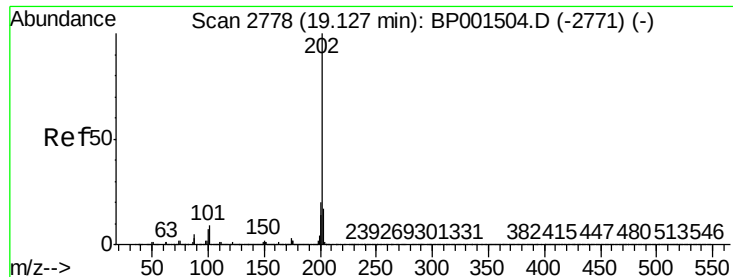
Tgt Ion:178 Resp: 28465
Ion Ratio Lower Upper
178 100
176 21.4 15.1 22.7
179 16.9 12.2 18.4



#72
Anthracene
Concen: 2.113 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.09 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion:178 Resp: 28465
Ion Ratio Lower Upper
178 100
176 21.4 14.7 22.1
179 16.9 12.2 18.2





#75

Fluoranthene

Concen: 2.878 ng

RT: 19.10 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

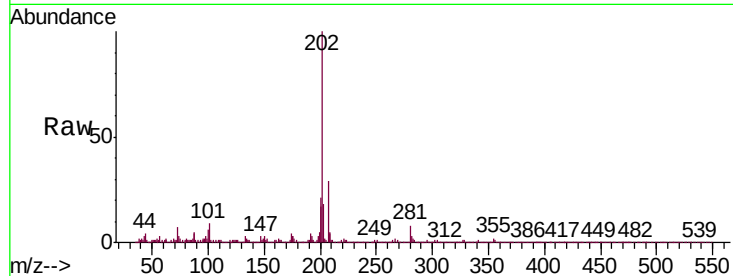
Tgt Ion: 202 Resp: 47352

Ion Ratio Lower Upper

202 100

101 8.9 0.0 27.1

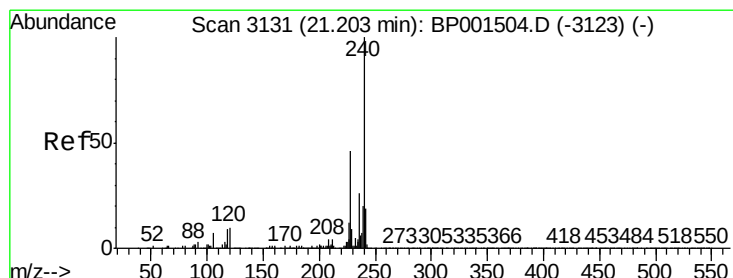
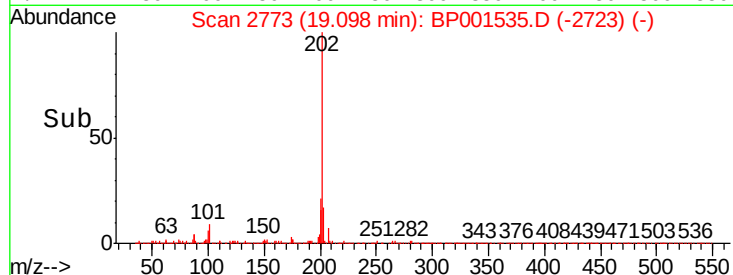
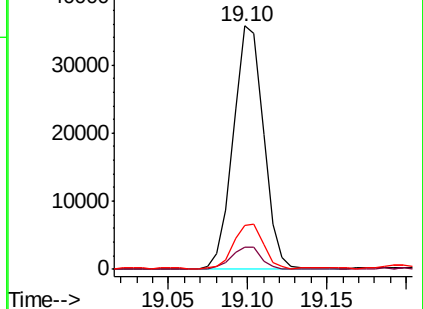
203 17.8 0.0 37.6



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: BP001535.D

Acq: 06 Jan 2020 18:13

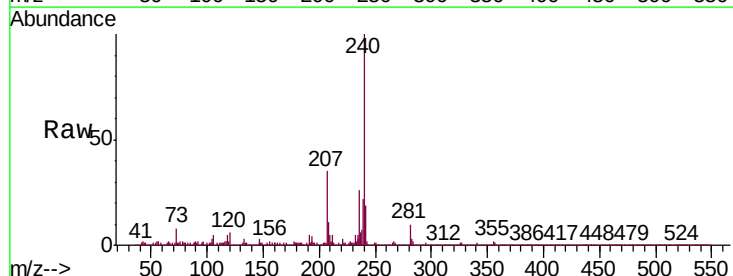
Tgt Ion: 240 Resp: 211389

Ion Ratio Lower Upper

240 100

120 5.9 5.2 7.8

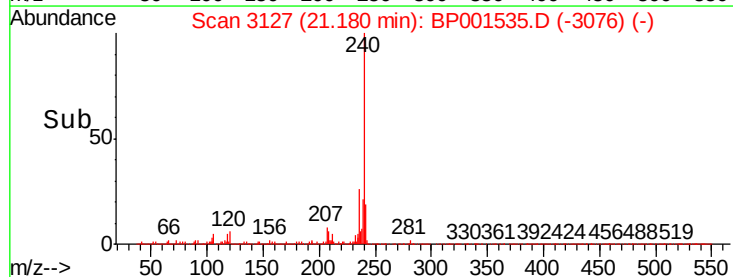
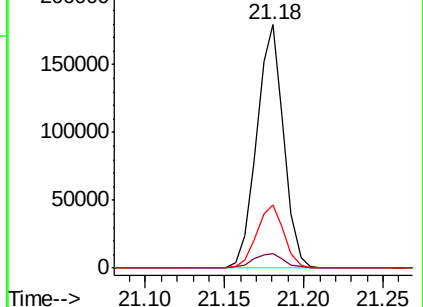
236 25.7 21.4 32.2

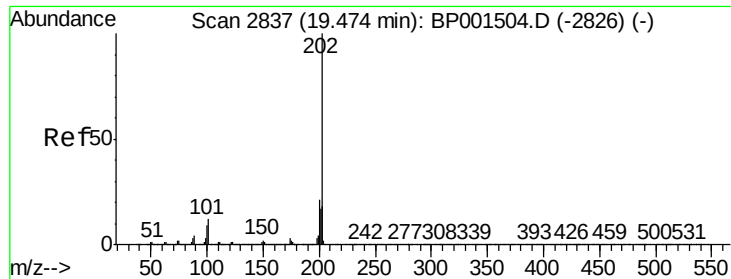


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.858 ng

RT: 19.45 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

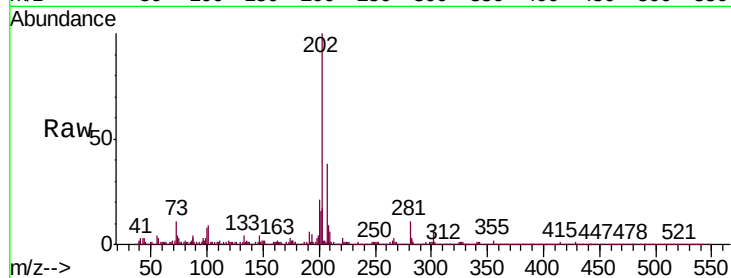
Tgt Ion: 202 Resp: 43833

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.4

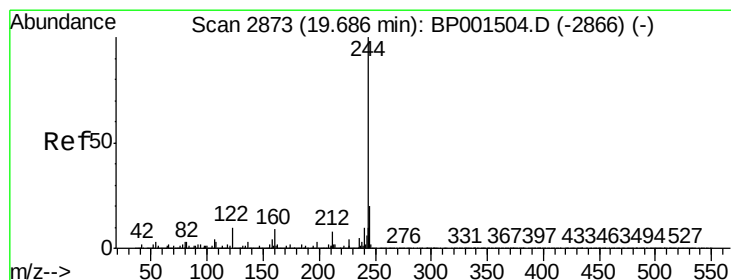
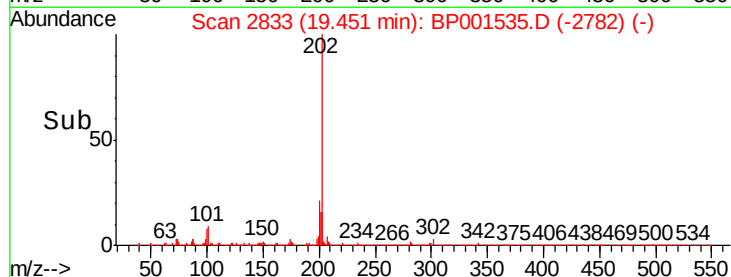
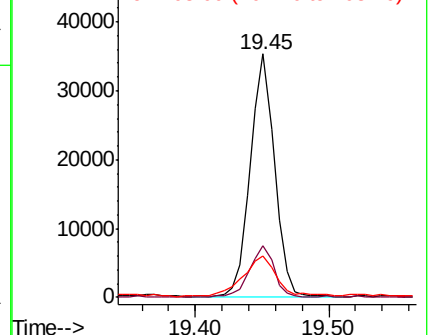
203 16.8 13.6 20.4



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



#79

Terphenyl-d14

Concen: 70.881 ng

RT: 19.66 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

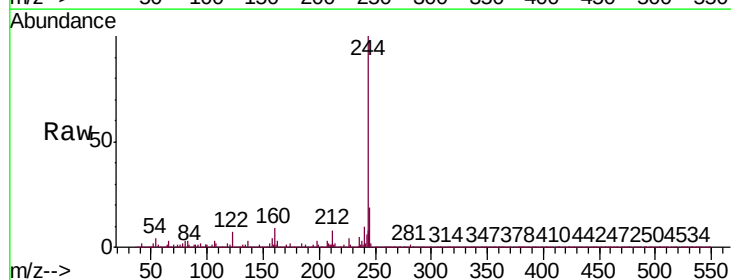
Tgt Ion: 244 Resp: 751846

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

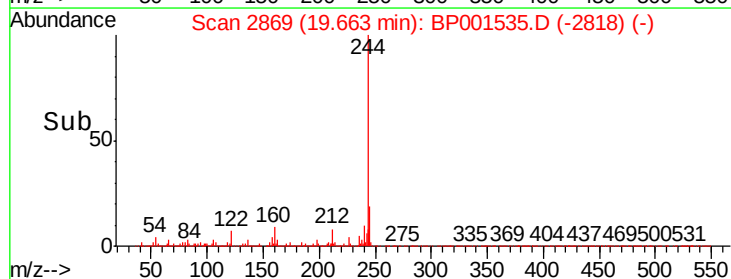
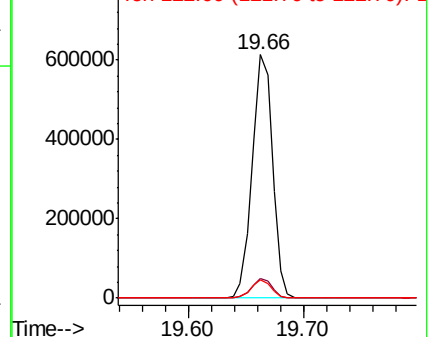
122 7.3 6.0 9.0

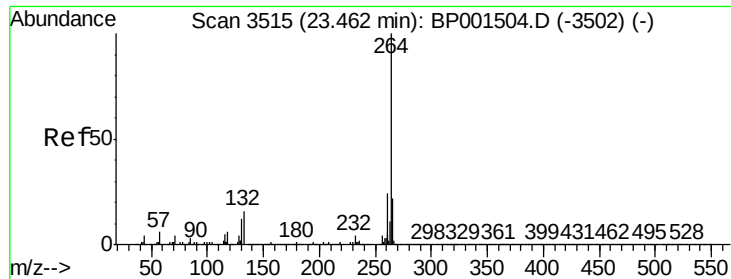


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

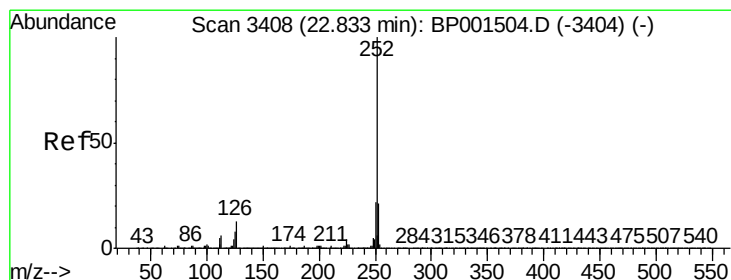
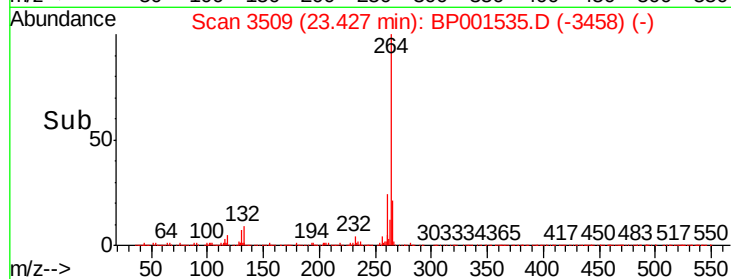
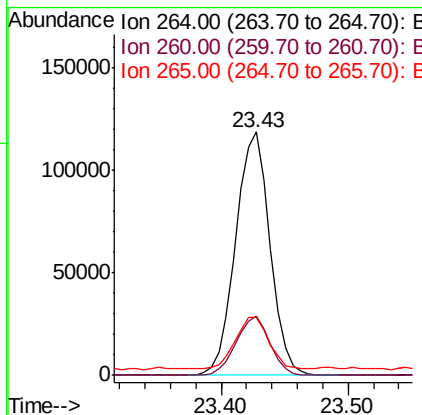
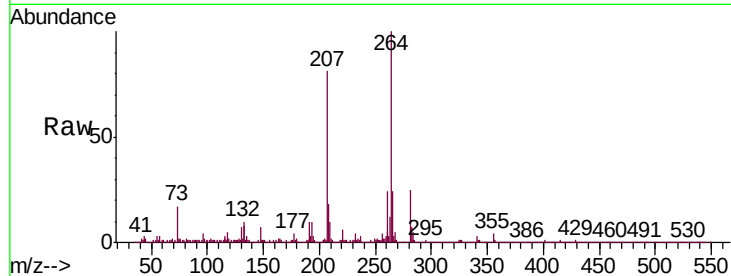
Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

Tgt Ion:	264	Resp:	222195
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.6	27.8
265	23.7	19.0	28.4



#89

Benzo(k)fluoranthene

Concen: 2.071 ng

RT: 22.76 min Scan# 3395

Delta R.T. -0.04 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Tgt Ion:	252	Resp:	27294
Ion Ratio		Lower	Upper
252	100		
253	28.7	17.3	25.9#
125	11.5	4.8	7.2#

