

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001520.D
 Acq On : 03 Jan 2020 22:20
 Operator : JU
 Sample : L1011-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-010220-2-5-COMP-B3

Quant Time: Jan 04 03:37:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

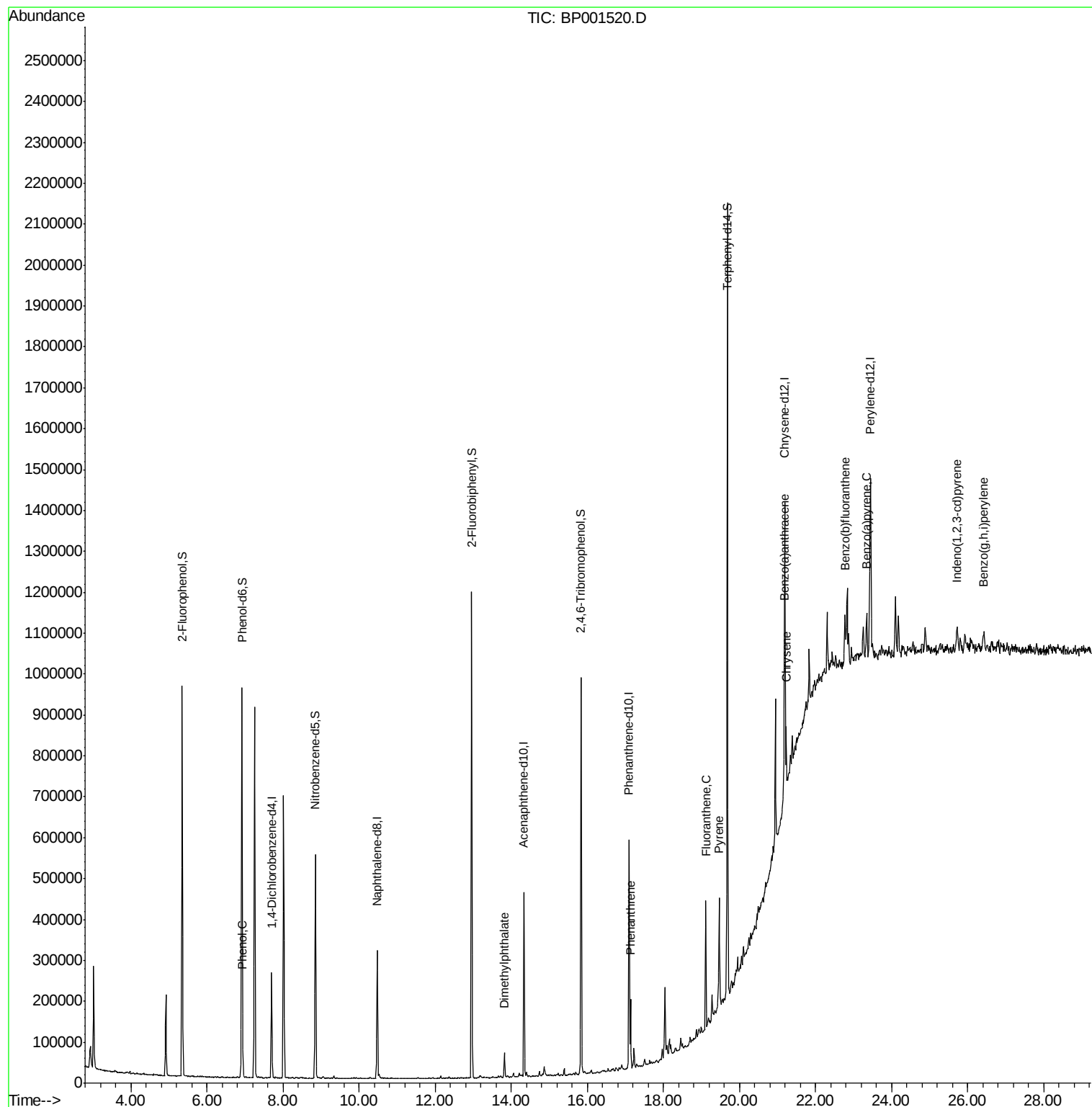
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	63876	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	238509	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	151233	20.00	ng	-0.01
64) Phenanthrene-d10	17.09	188	330781	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	294960	20.00	ng	-0.01
87) Perylene-d12	23.44	264	320636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	358572	94.31	ng	0.04
7) Phenol-d6	6.92	99	487184	95.13	ng	0.04
23) Nitrobenzene-d5	8.85	82	294026	60.89	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	161272	94.22	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	592397	57.60	ng	-0.01
79) Terphenyl-d14	19.68	244	862755	58.29	ng	0.00
Target Compounds						
10) Phenol	6.94	94	15131	2.809	ng	92
50) Dimethylphthalate	13.82	163	35865	3.034	ng	99
71) Phenanthrene	17.13	178	99522	5.547	ng	97
75) Fluoranthene	19.12	202	174242	8.023	ng	99
78) Pyrene	19.47	202	171537	8.014	ng	98
81) Benzo(a)anthracene	21.17	228	86329	4.171	ng	93
83) Chrysene	21.23	228	81983	4.131	ng	96
86) Indeno(1,2,3-cd)pyrene	25.73	276	59755	2.474	ng	97
88) Benzo(b)fluoranthene	22.77	252	111724	5.628	ng	93
90) Benzo(a)pyrene	23.34	252	89930	4.839	ng	# 90
92) Benzo(a,h,i)perylene	26.42	276	64633	3.509	ng	96

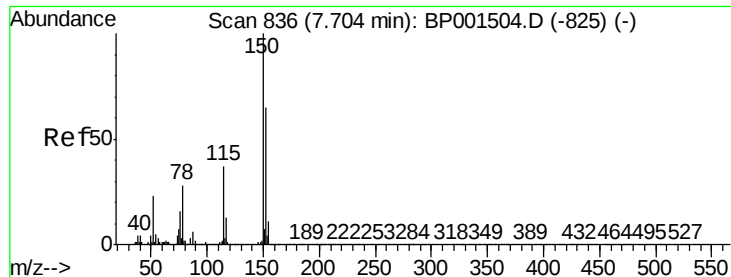
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
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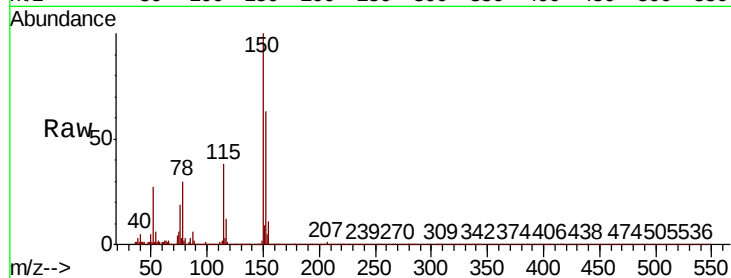


#1

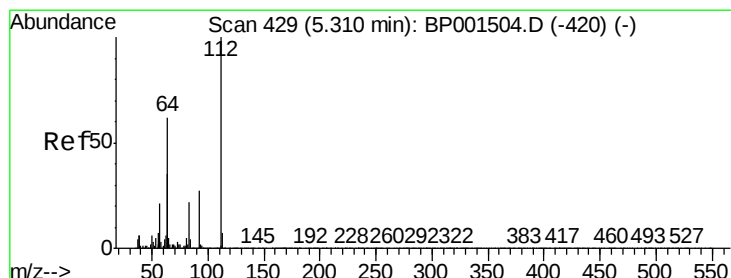
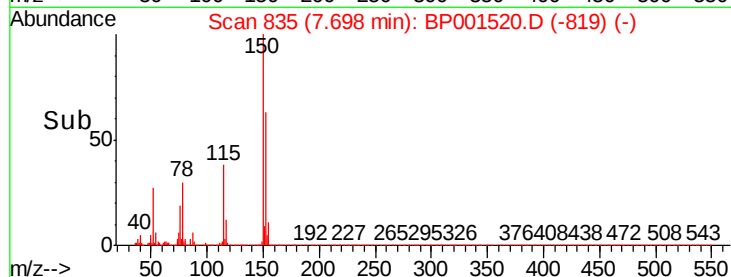
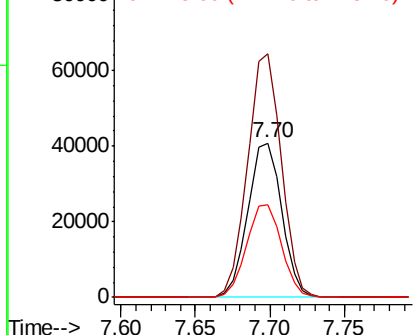
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.6	185.4
115	60.5	45.8	68.6



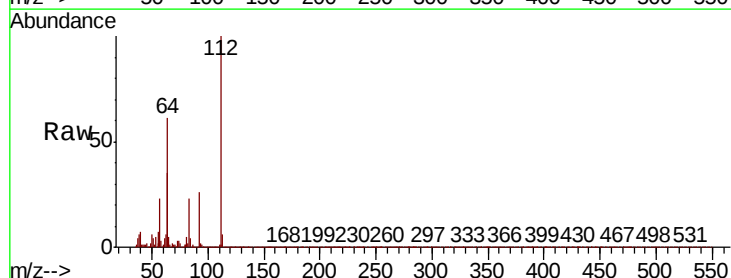
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



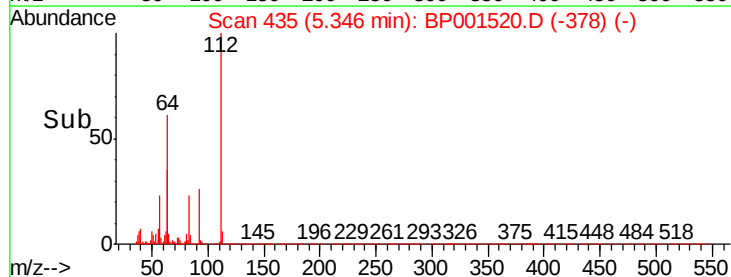
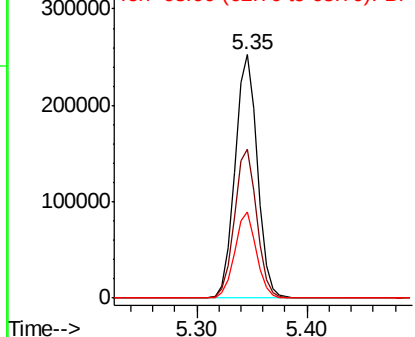
#5

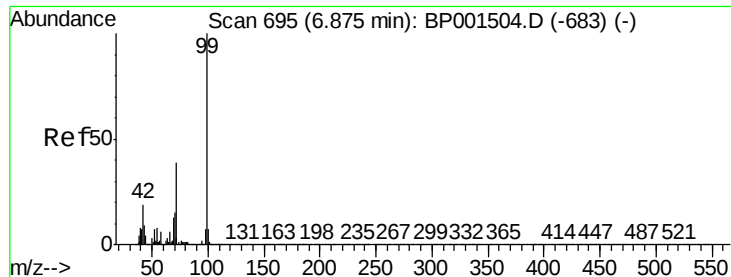
2-Fluorophenol
Concen: 94.308 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.7	74.5
63	35.3	28.1	42.1



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: 95.132 ng

RT: 6.92 min Scan# 702

Delta R.T. 0.04 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

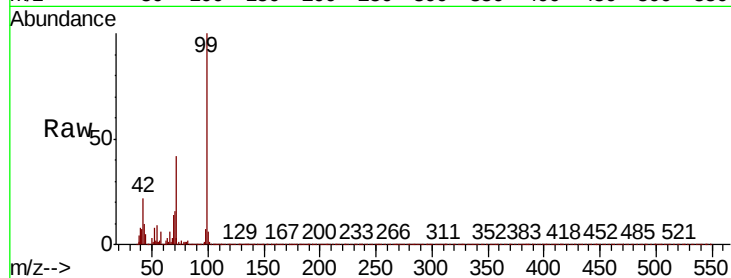
Tot Ion: 99 Resp: 487184

Ion Ratio Lower Upper

99 100

42 22.0 15.3 22.9

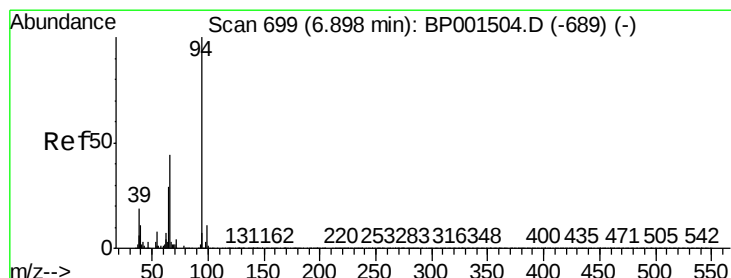
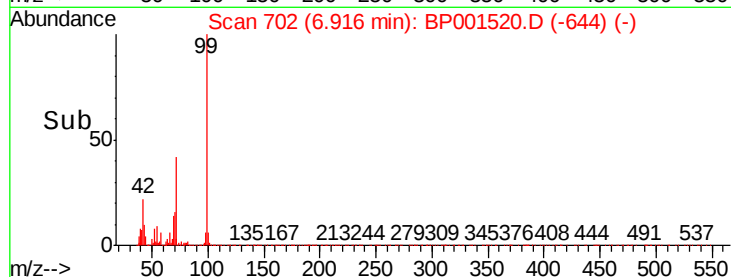
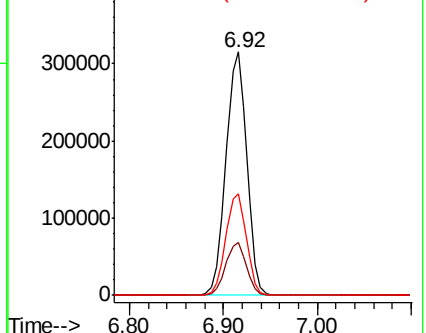
71 42.0 30.9 46.3



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: 2.809 ng

RT: 6.94 min Scan# 706

Delta R.T. 0.04 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

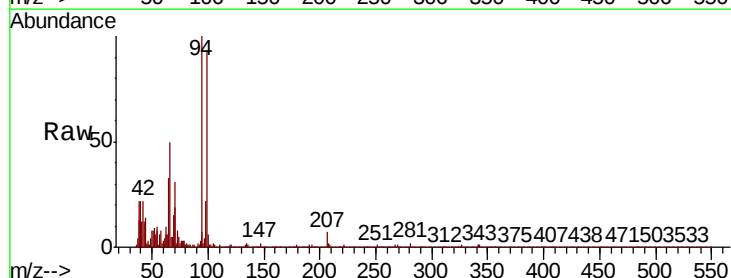
Tgt Ion: 94 Resp: 15131

Ion Ratio Lower Upper

94 100

65 33.1 9.2 49.2

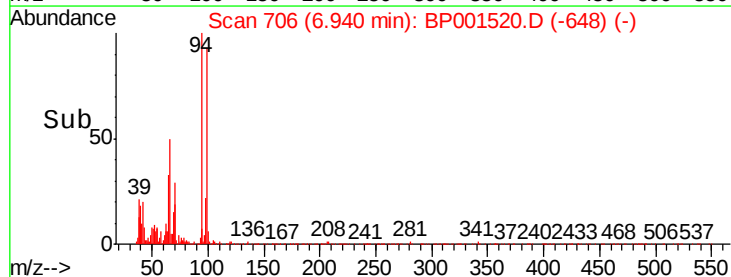
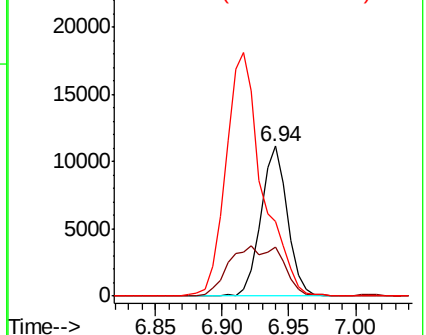
66 49.7 23.8 63.8

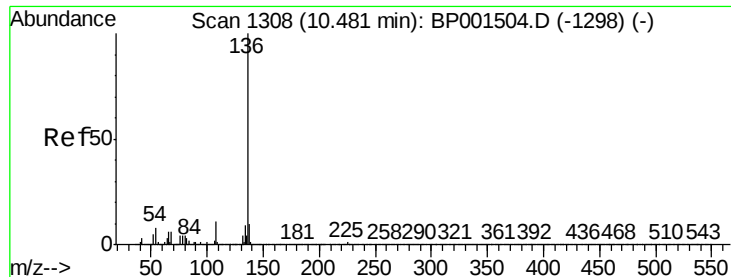


Abundance Ion 94.00 (93.70 to 94.70): BP0

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: 10.47 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

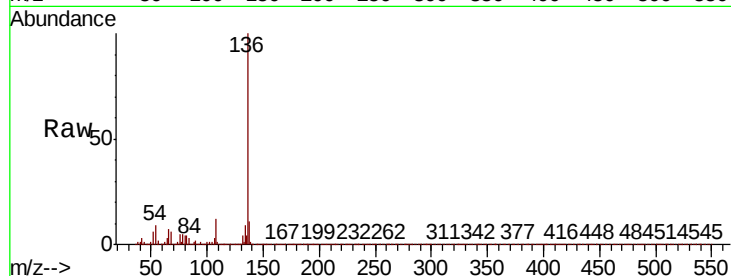
Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

Tot Ion:	136	Resp:	238509
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.8	6.7	10.1
68	6.4	4.4	6.6



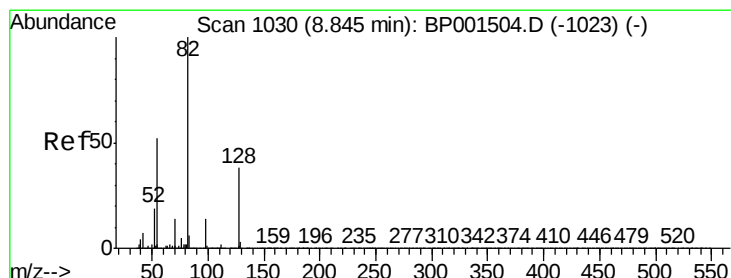
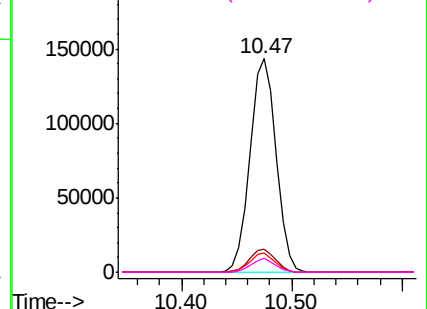
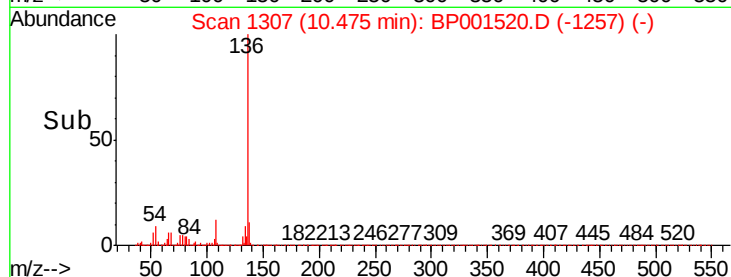
Abundance

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): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 60.889 ng

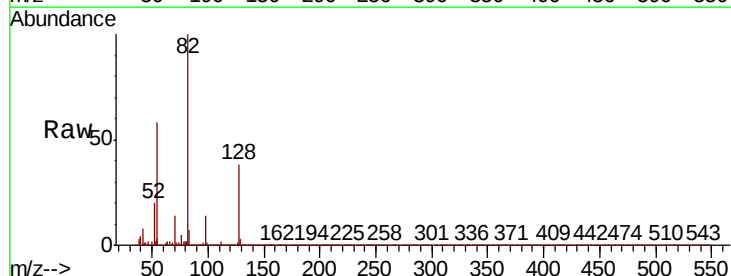
RT: 8.85 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Tgt Ion:	82	Resp:	294026
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.1	45.1
54	58.1	41.8	62.6

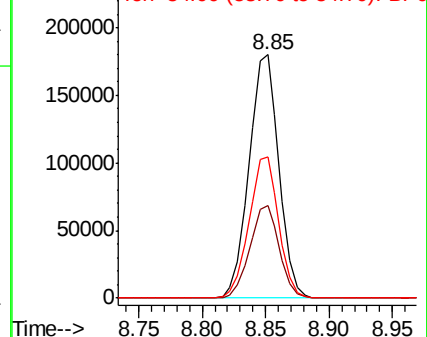
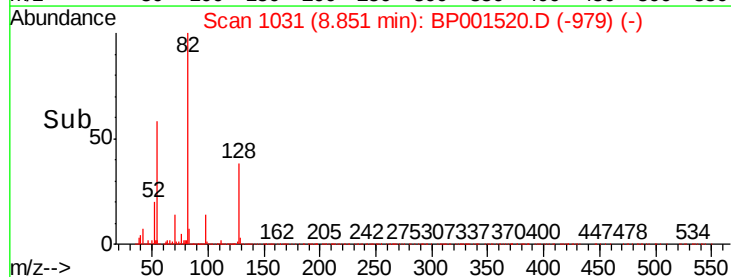


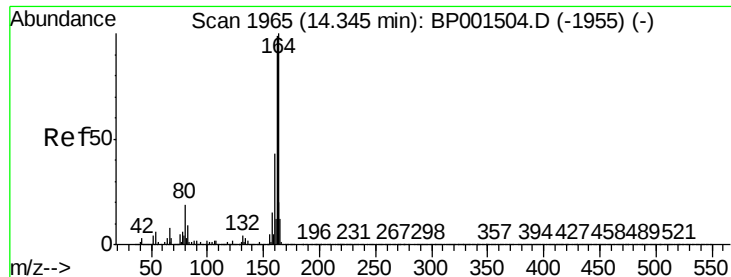
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

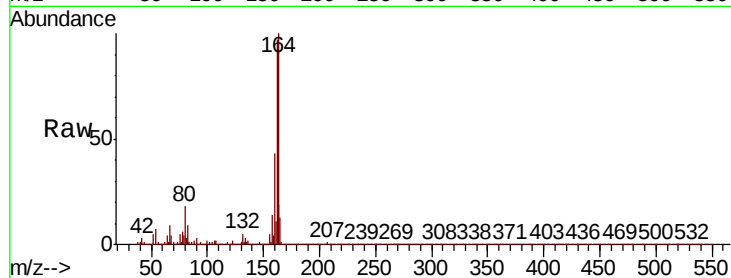
Tot Ion:164 Resp: 151233

Ion Ratio Lower Upper

164 100

162 97.0 79.2 118.8

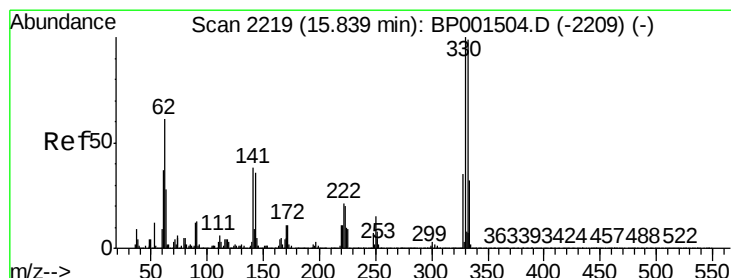
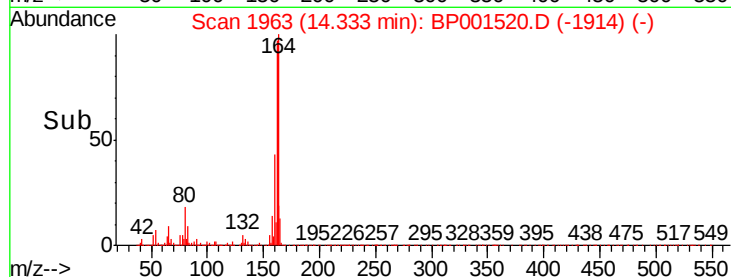
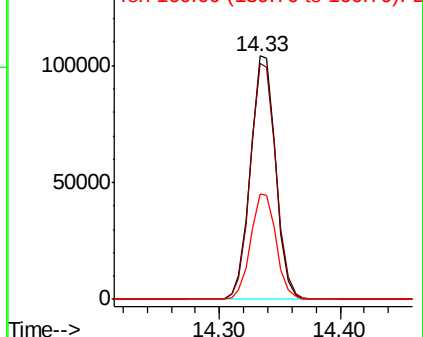
160 43.2 34.6 52.0



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: 94.222 ng

RT: 15.84 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

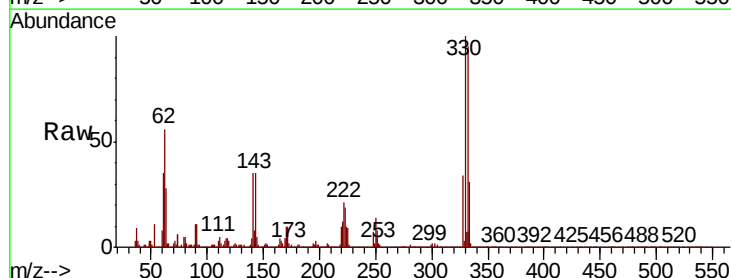
Tgt Ion:330 Resp: 161272

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.2

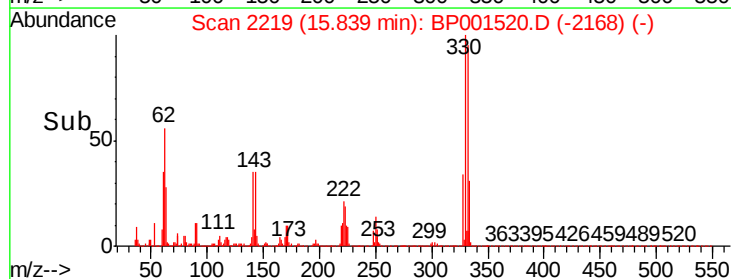
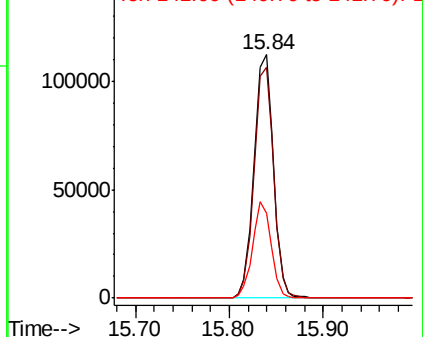
141 37.9 30.3 45.5

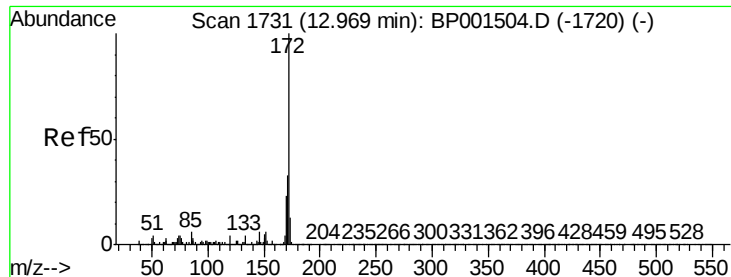


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

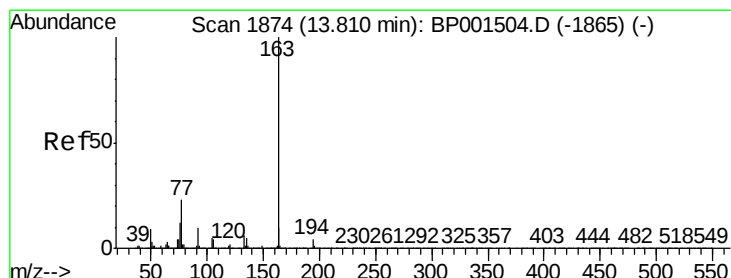
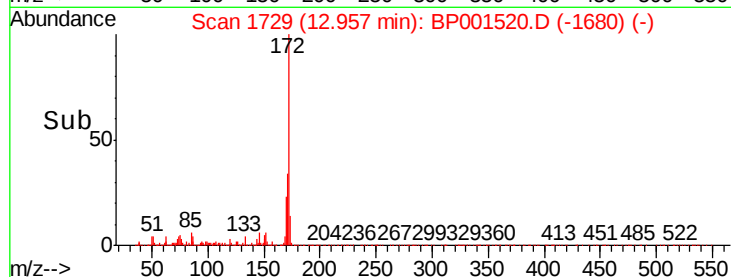
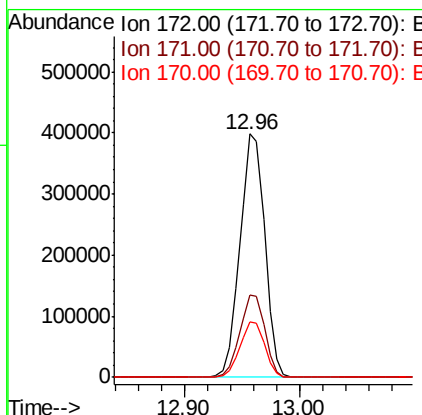
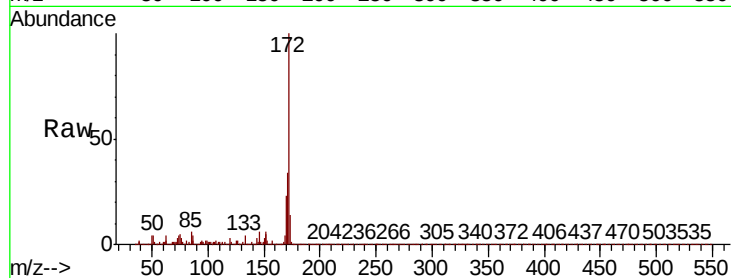




#45
2-Fluorobiphenyl
Concen: 57.597 ng
RT: 12.96 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

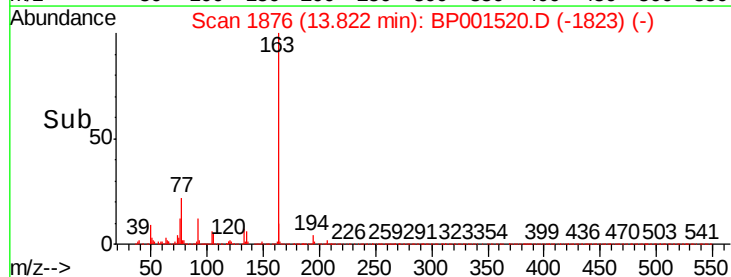
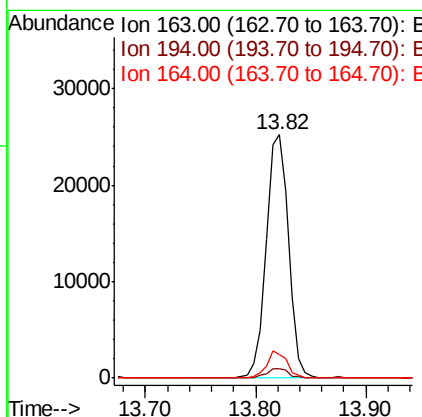
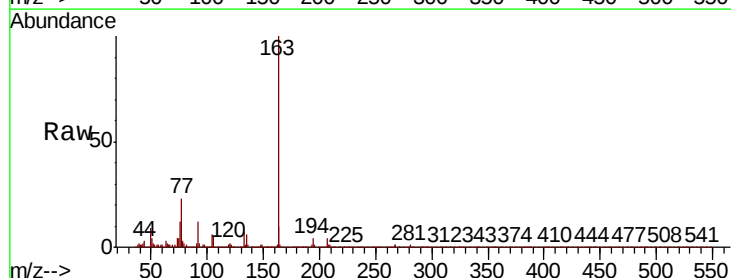
Instrument :
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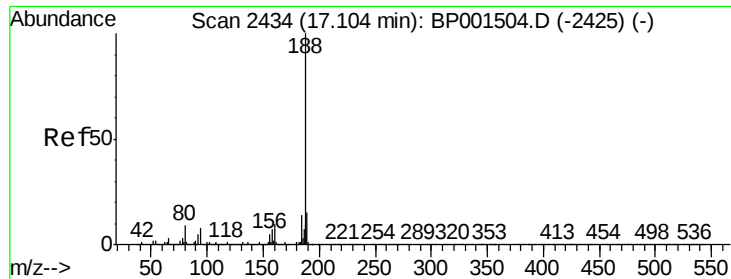
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.7	40.1
170	22.8	18.7	28.1



#50
Dimethylphthalate
Concen: 3.034 ng
RT: 13.82 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.9	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

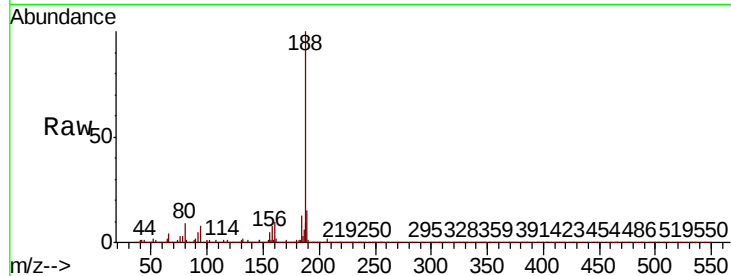
Tot Ion:188 Resp: 330781

Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

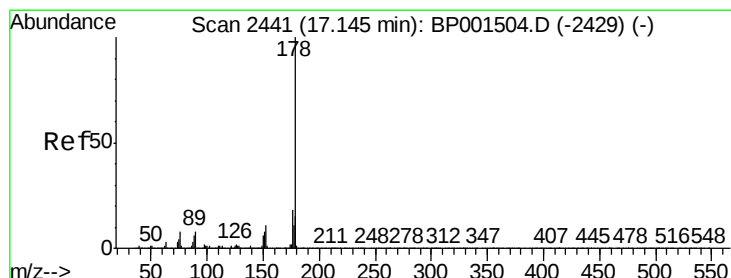
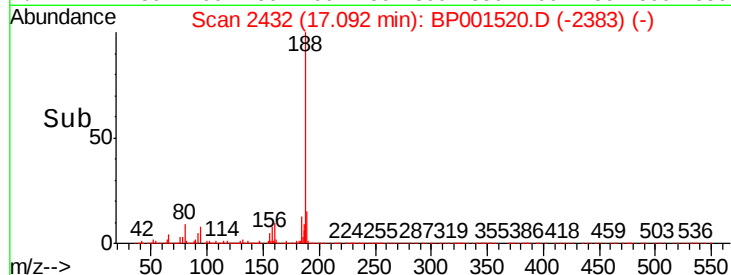
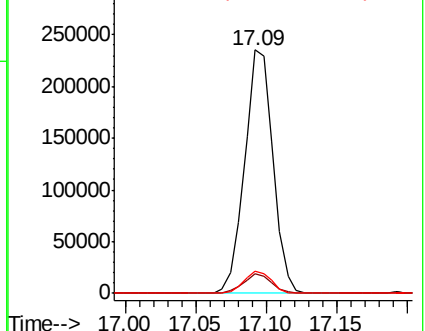
80 8.9 7.3 10.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 5.547 ng

RT: 17.13 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

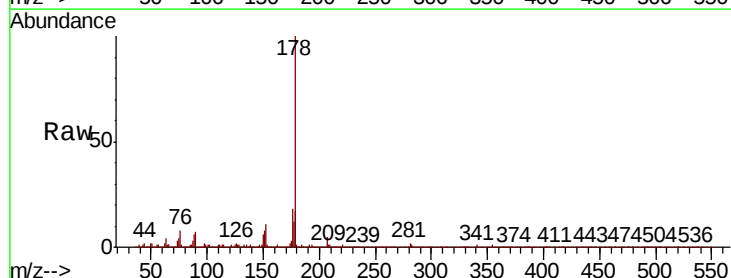
Tgt Ion:178 Resp: 99522

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

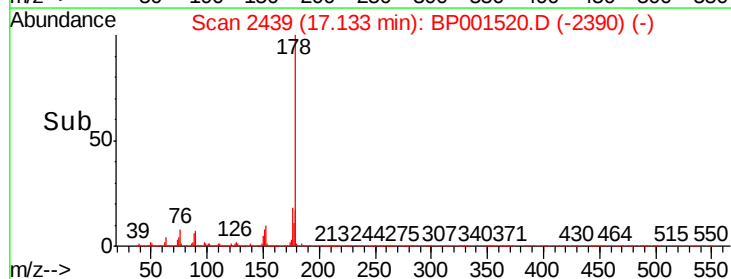
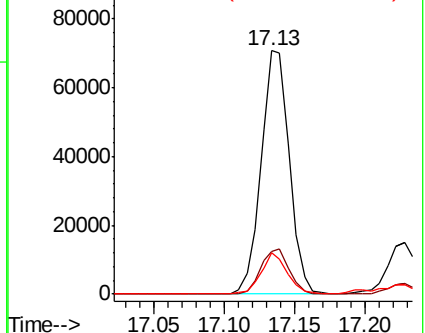
179 17.2 12.3 18.5

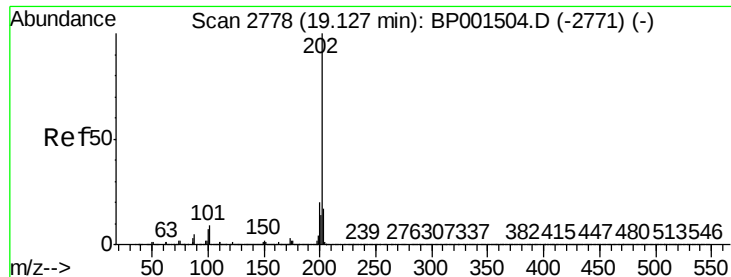


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 8.023 ng

RT: 19.12 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

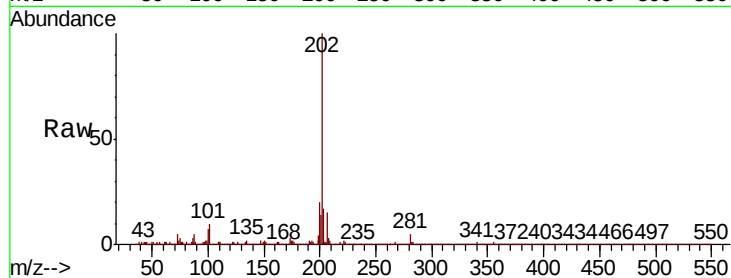
Tot Ion:202 Resp: 174242

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

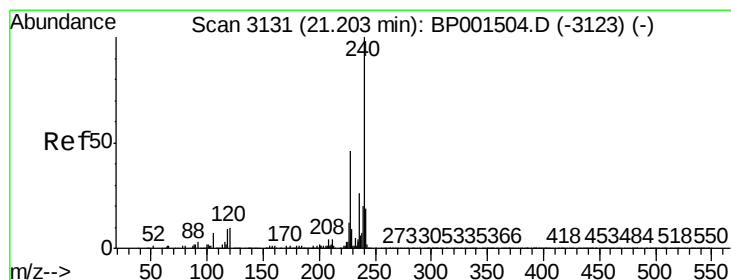
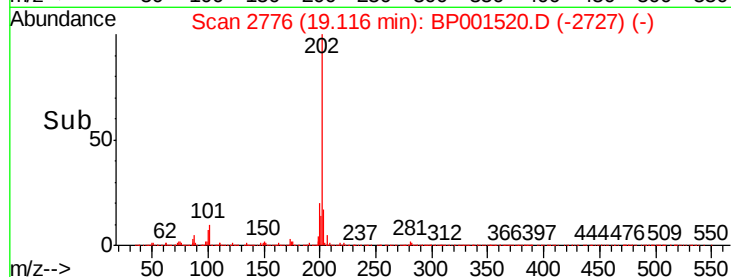
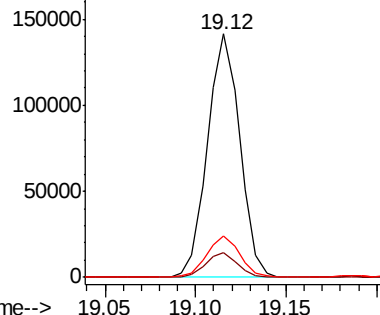
203 17.0 0.0 36.7



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: 21.19 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

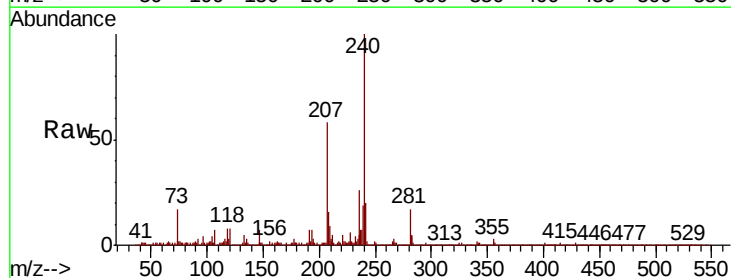
Tgt Ion:240 Resp: 294960

Ion Ratio Lower Upper

240 100

120 8.2 8.1 12.1

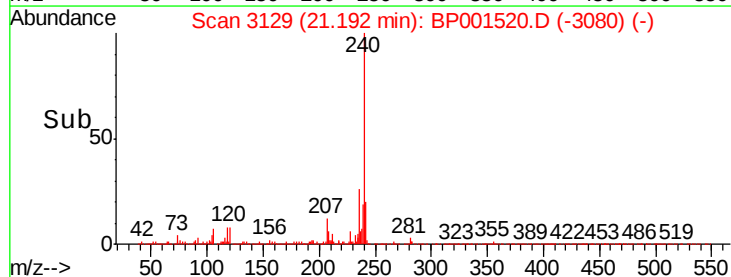
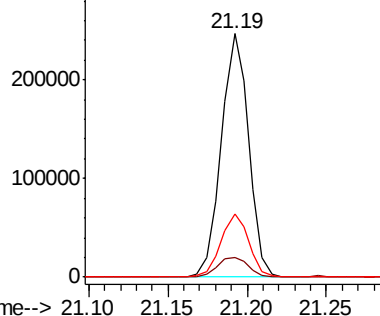
236 25.8 20.9 31.3

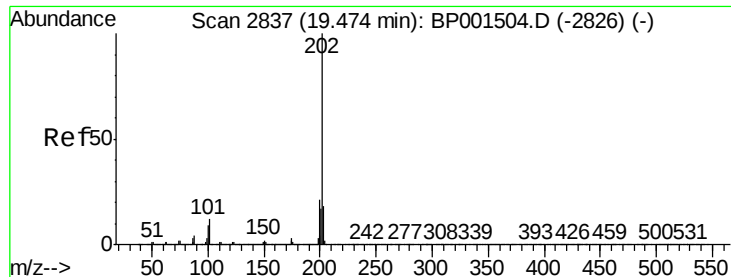


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 8.014 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

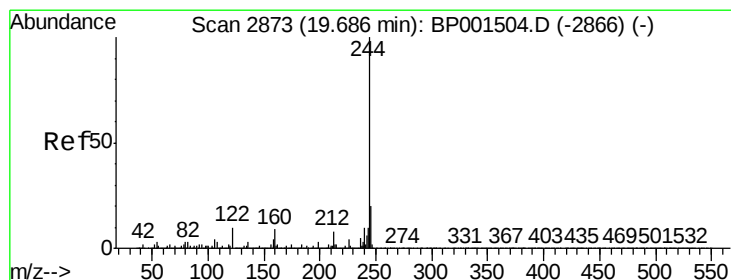
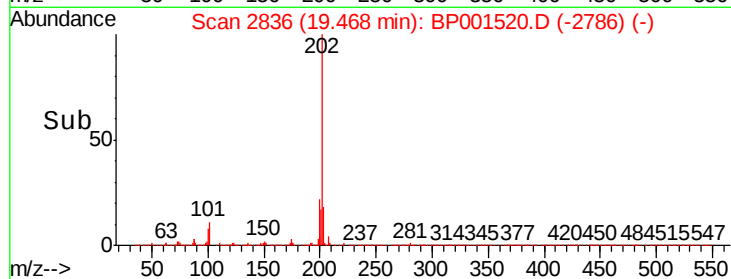
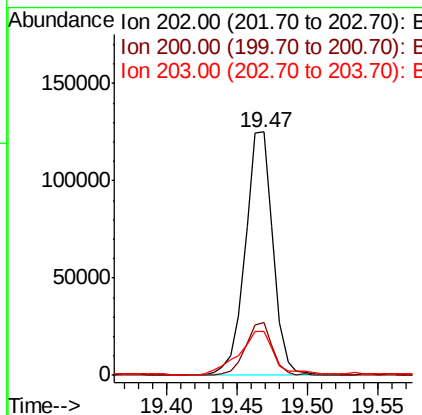
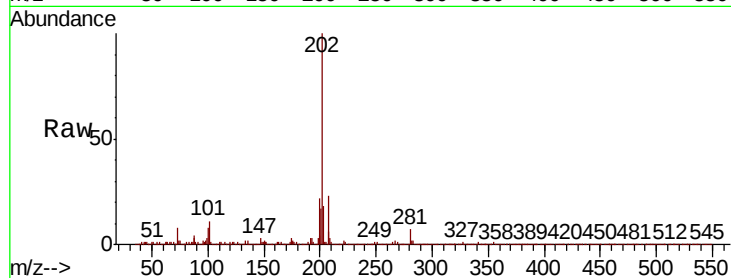
Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

Tot Ion:	202	Resp:	171537
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.4	24.6
203	17.9	14.2	21.2



#79

Terphenyl-d14

Concen: 58.291 ng

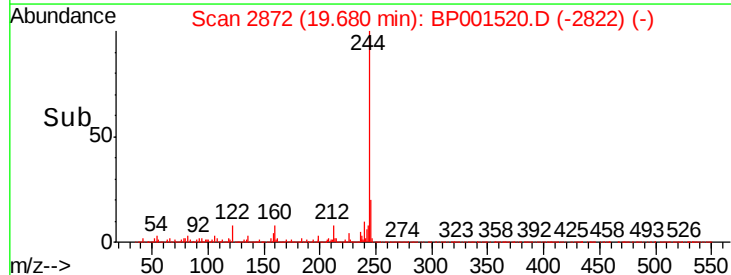
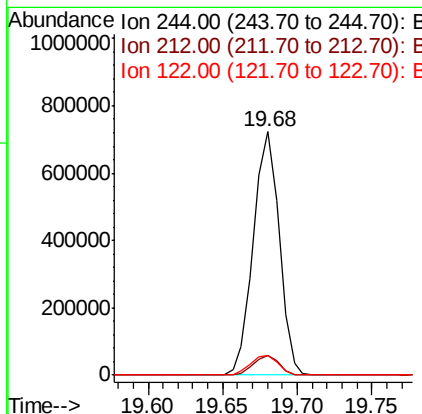
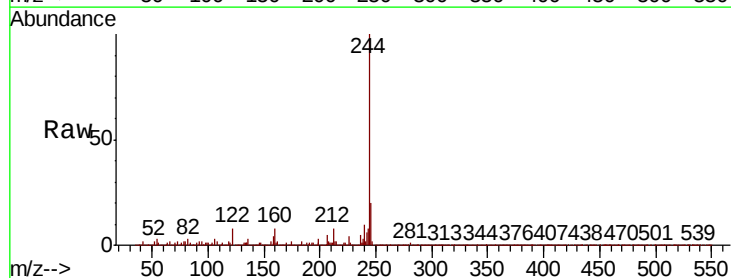
RT: 19.68 min Scan# 2872

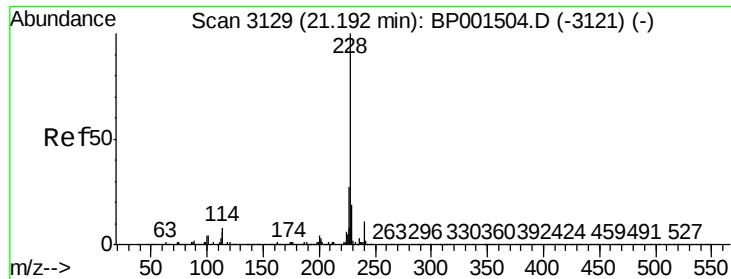
Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Tgt Ion:	244	Resp:	862755
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	7.9	7.8	11.6





#81

Benzo(a)anthracene

Concen: 4.171 ng

RT: 21.17 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

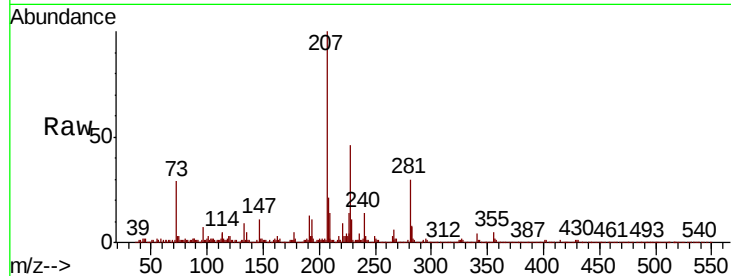
Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

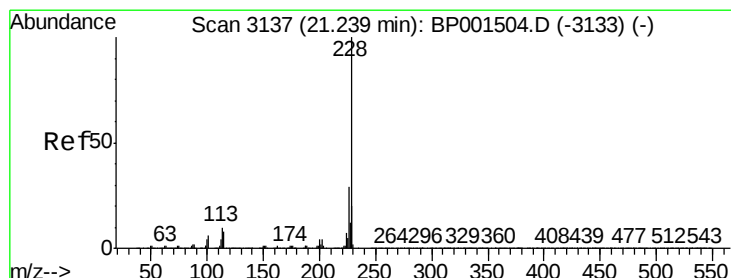
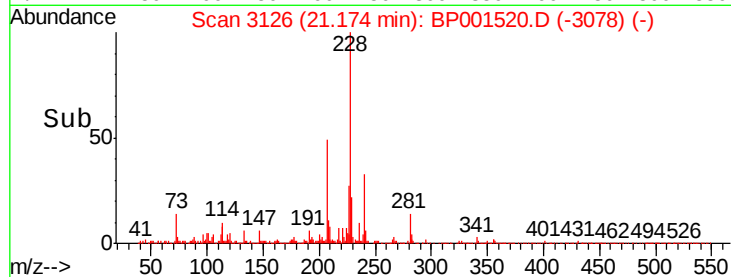
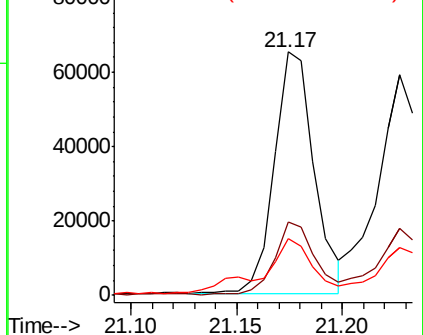
Tot Ion:228	Resp:	86329
Ion	Ratio	Lower Upper
228	100	
226	30.0	21.5 32.3
229	23.1	15.4 23.2



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



#83

Chrysene

Concen: 4.131 ng

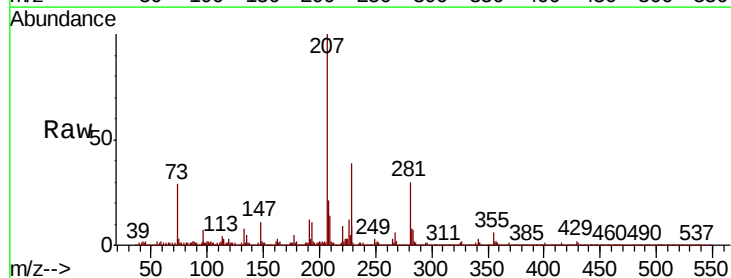
RT: 21.23 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

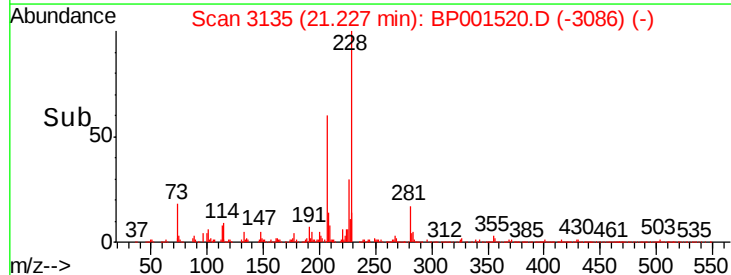
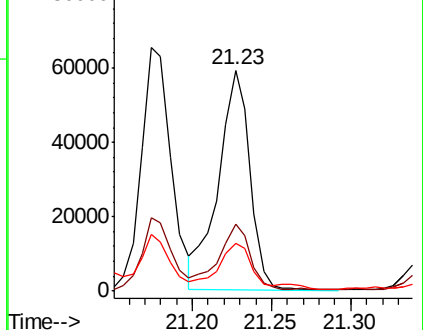
Tgt Ion:228	Resp:	81983
Ion	Ratio	Lower Upper
228	100	
226	30.6	23.0 34.6
229	21.6	15.7 23.5

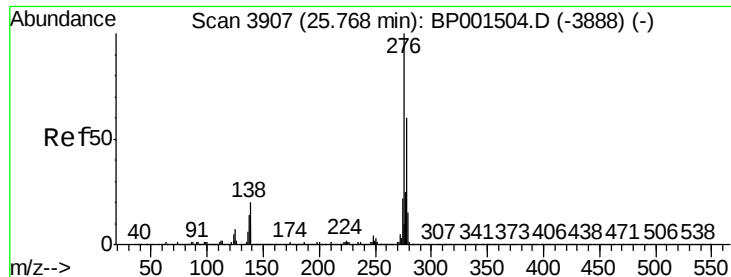


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

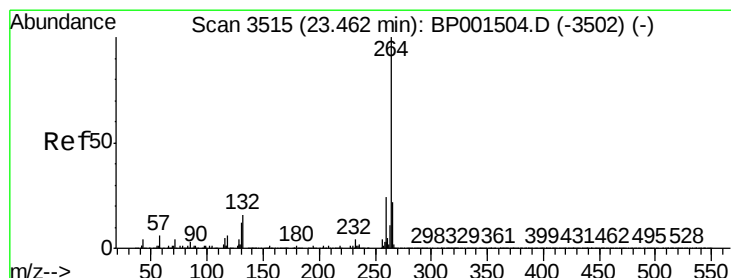
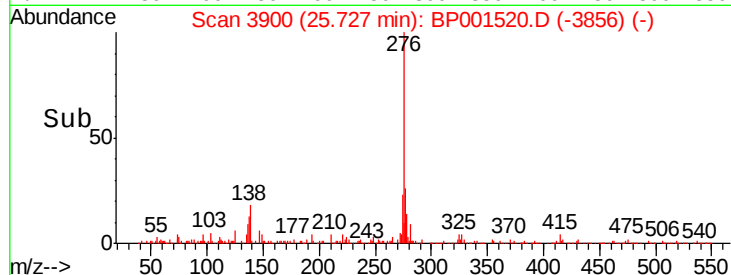
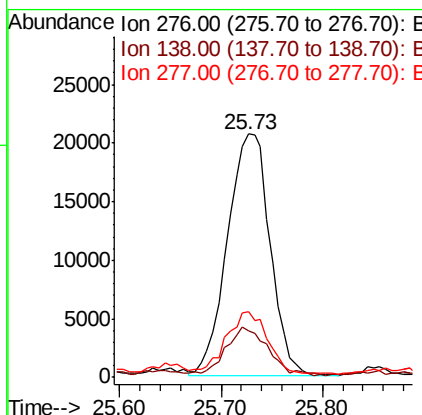
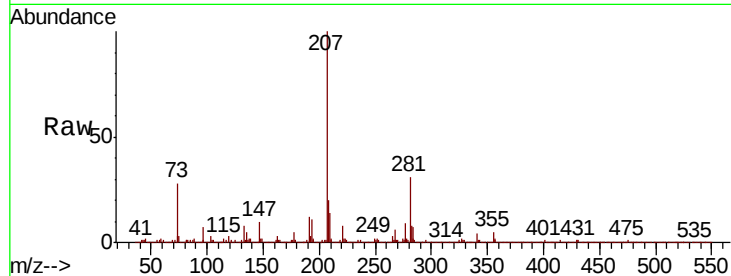




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.474 ng
RT: 25.73 min Scan# 3900
Delta R.T. -0.04 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

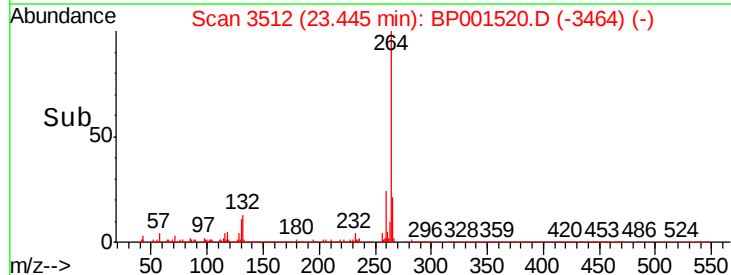
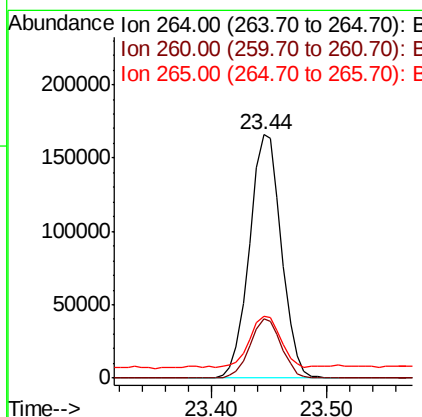
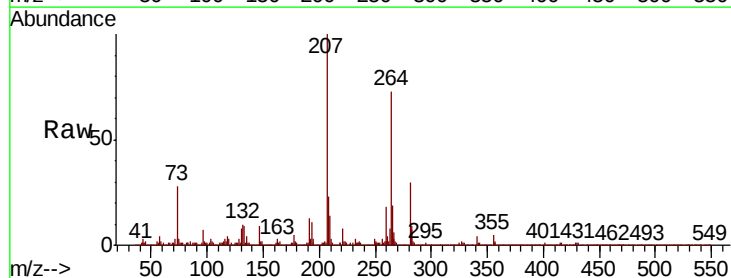
Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B3

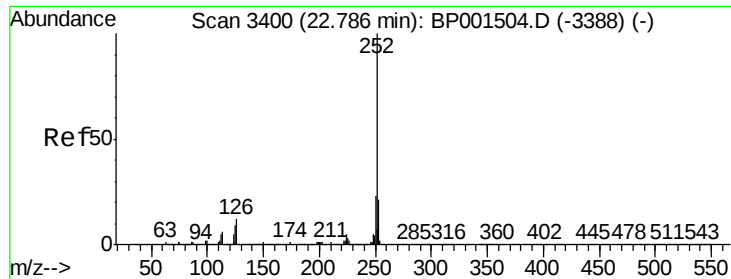
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.8
277	25.4	20.0	30.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3512
Delta R.T. -0.02 min
Lab File: BP001520.D
Acq: 03 Jan 2020 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	25.5	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 5.628 ng

RT: 22.77 min Scan# 3397

Delta R.T. -0.02 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

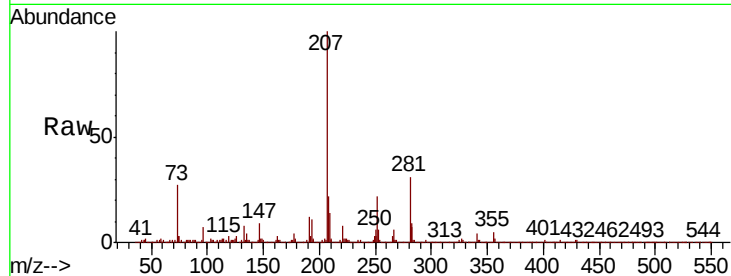
Tot Ion:252 Resp: 111724

Ion Ratio Lower Upper

252 100

253 25.4 17.0 25.6

125 10.3 7.2 10.8

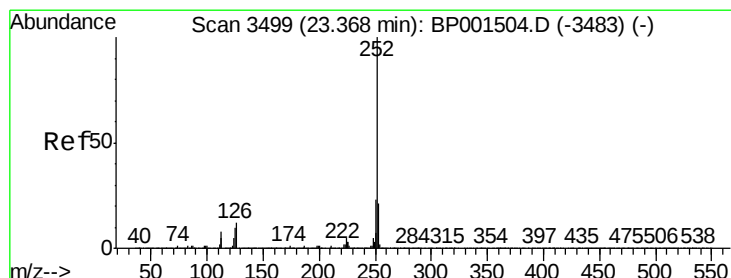
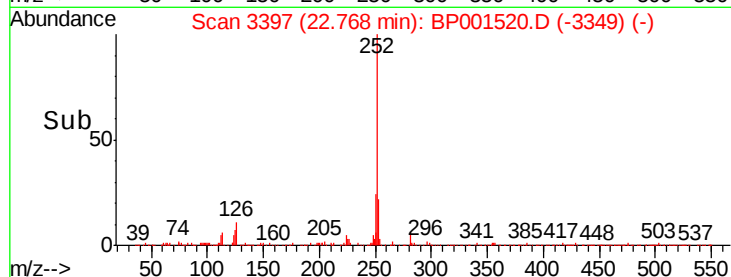
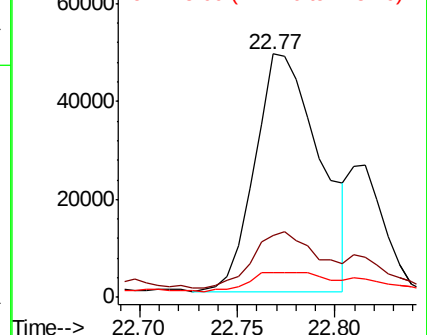


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 4.839 ng

RT: 23.34 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

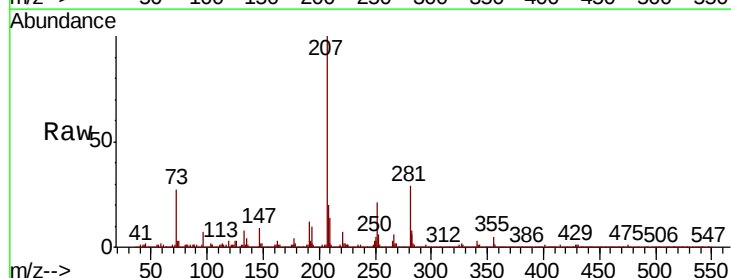
Tgt Ion:252 Resp: 89930

Ion Ratio Lower Upper

252 100

253 26.7 17.1 25.7#

125 12.0 7.7 11.5#

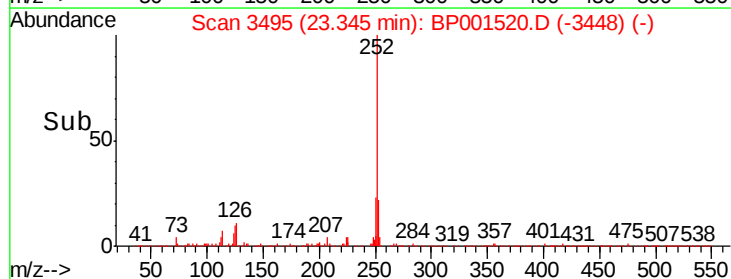
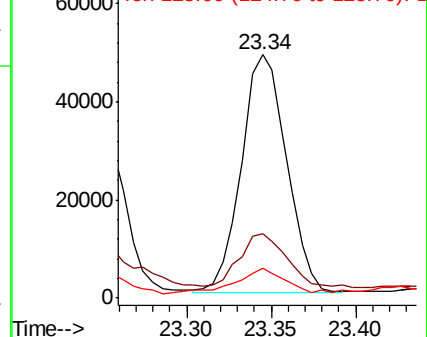


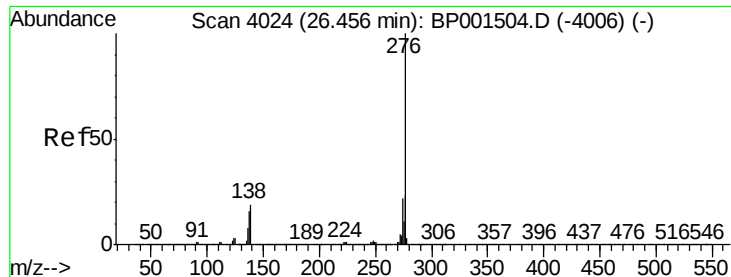
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 3.509 ng

RT: 26.42 min Scan# 4018

Delta R.T. -0.04 min

Lab File: BP001520.D

Acq: 03 Jan 2020 22:20

Instrument :

BNA_P

ClientSampleId :

MC-010220-2-5-COMP-B3

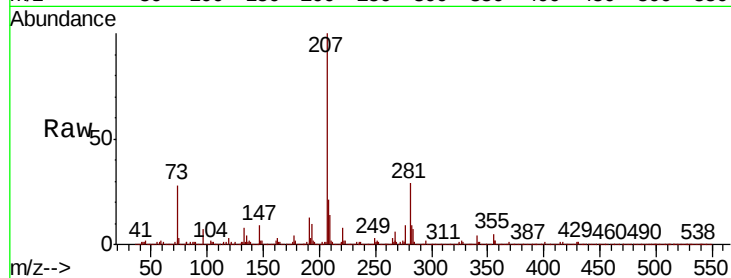
Tot Ion: 276 Resp: 64633

Ion Ratio Lower Upper

276 100

277 25.3 18.7 28.1

138 17.3 15.0 22.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

