

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009414.D
 Acq On : 16 Mar 2022 00:08
 Operator : CG/JU
 Sample : N1894-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP3(0-10)

Quant Time: Mar 16 01:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

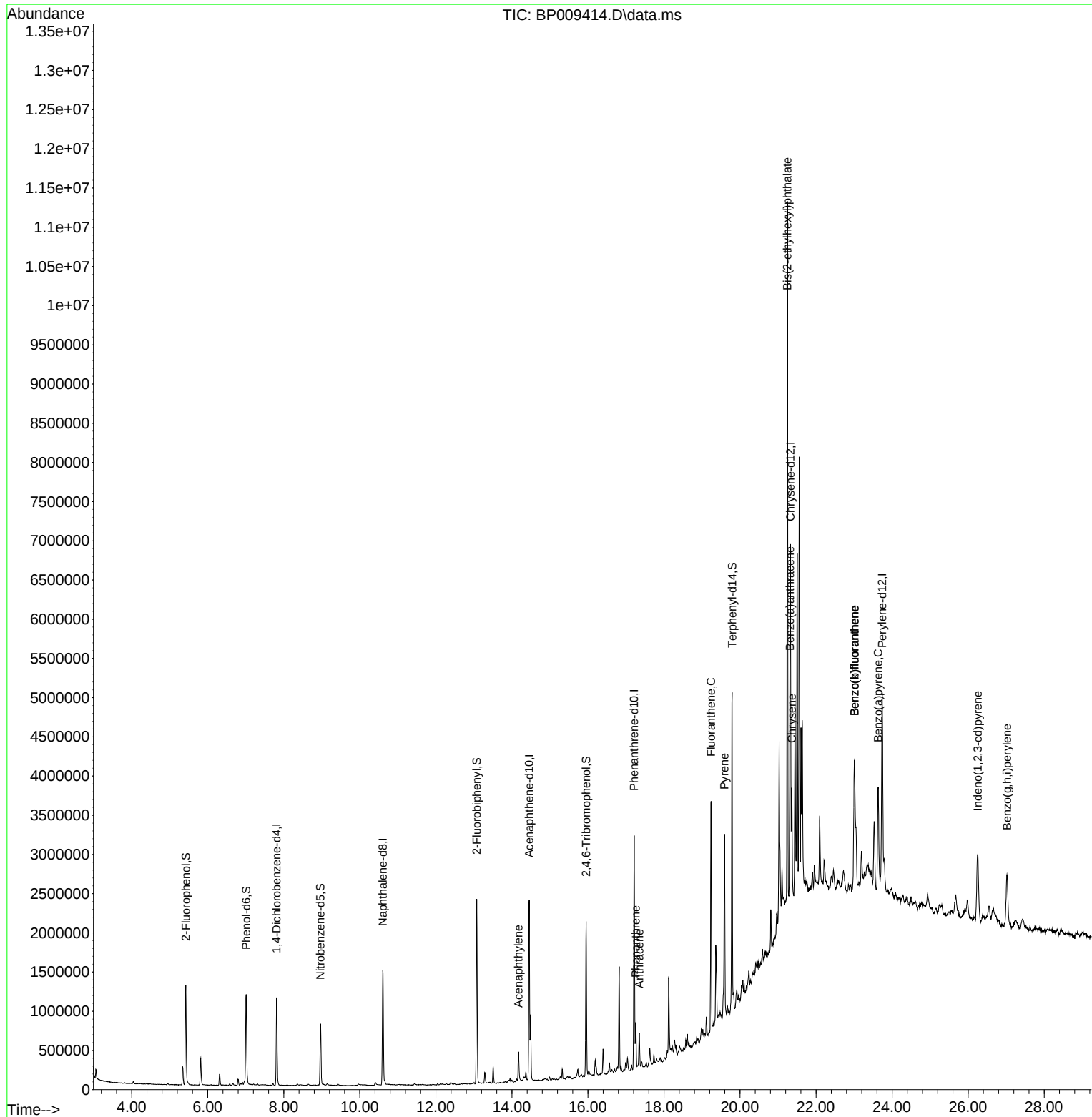
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	344140	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1393028	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	911723	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1903523	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1882862	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2093440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	663854	28.158	ng	0.01
7) Phenol-d6	7.010	99	823715	27.493	ng	0.02
23) Nitrobenzene-d5	8.963	82	537440	21.250	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	482632	43.839	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1358065	20.485	ng	-0.01
79) Terphenyl-d14	19.792	244	2182628	21.876	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.175	152	351649	4.037	ng	99
71) Phenanthrene	17.257	178	387343	3.541	ng	99
72) Anthracene	17.351	178	330037	3.031	ng	98
75) Fluoranthene	19.239	202	1897868	15.030	ng	98
78) Pyrene	19.592	202	1560964	12.279	ng	99
81) Benzo(a)anthracene	21.310	228	1052100	8.244	ng	96
83) Chrysene	21.362	228	929006	7.498	ng	97
84) Bis(2-ethylhexyl)phtha...	21.245	149	3551034	48.388	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.250	276	946539	5.819	ng	# 91
88) Benzo(b)fluoranthene	23.009	252	2130136	15.070	ng	97
89) Benzo(k)fluoranthene	23.009	252	2130328	15.776	ng	97
90) Benzo(a)pyrene	23.633	252	1016525	7.583	ng	98
92) Benzo(g,h,i)perylene	27.021	276	968256	7.106	ng	95

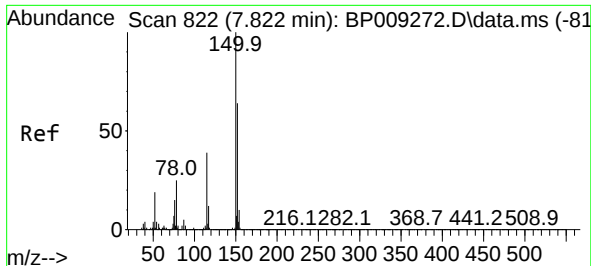
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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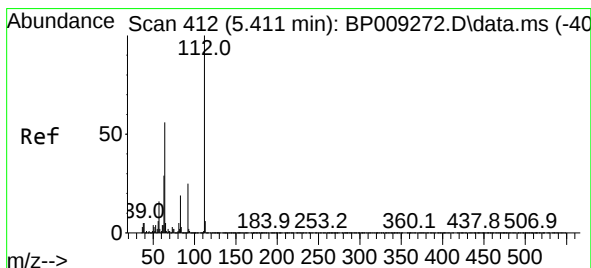
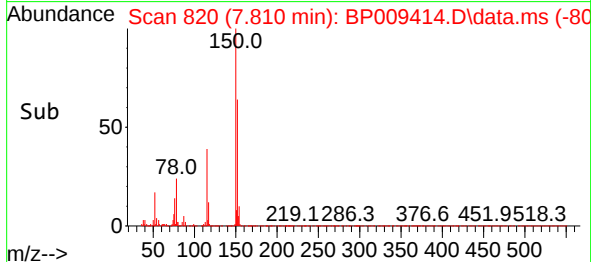
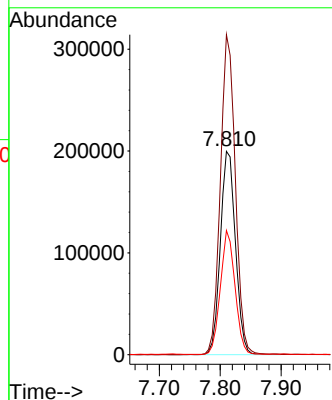
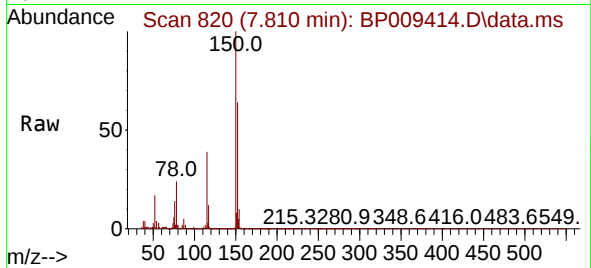




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

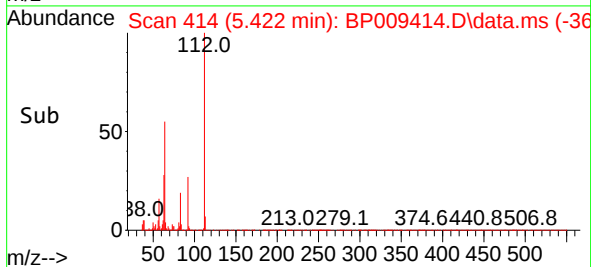
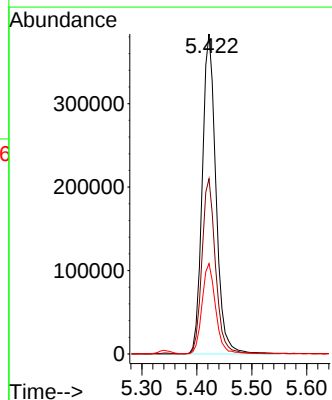
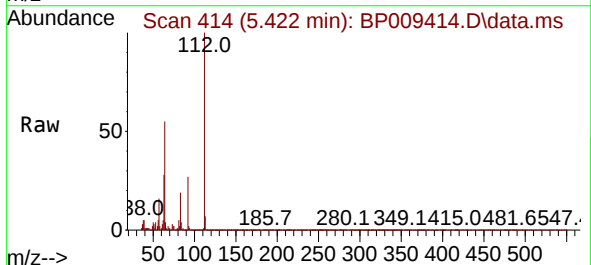
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion:152 Resp: 344140
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 28.158 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:112 Resp: 663854
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.3 23.0 34.6

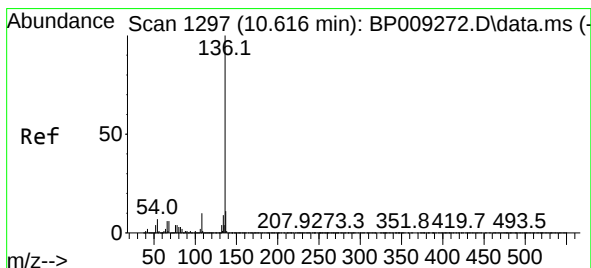
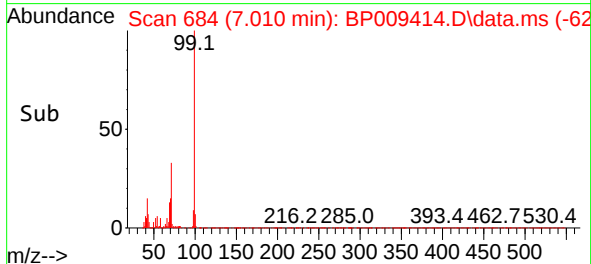
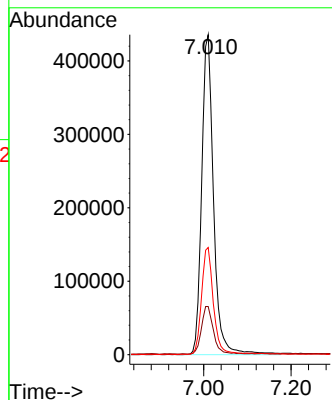
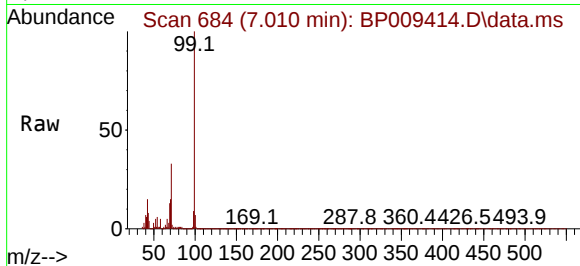




#7
Phenol-d6
Concen: 27.493 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

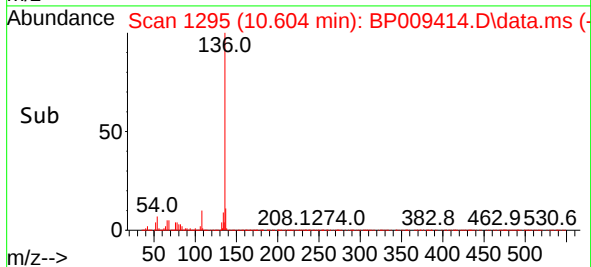
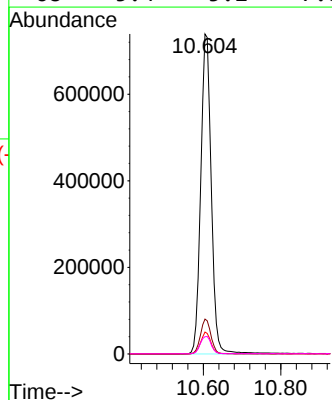
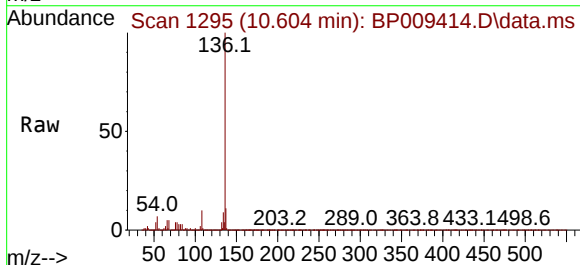
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

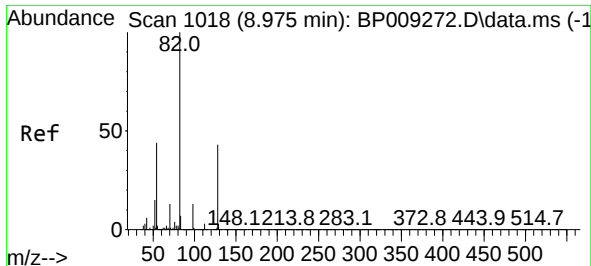
Tgt Ion: 99 Resp: 823715
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion: 136 Resp: 1393028
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 5.4 5.2 7.8

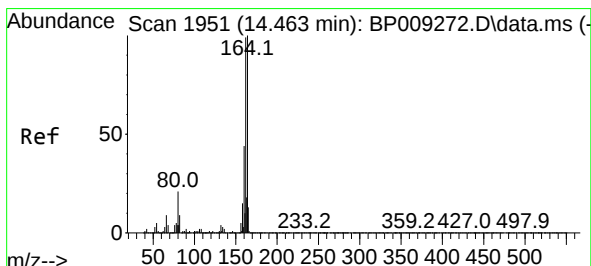
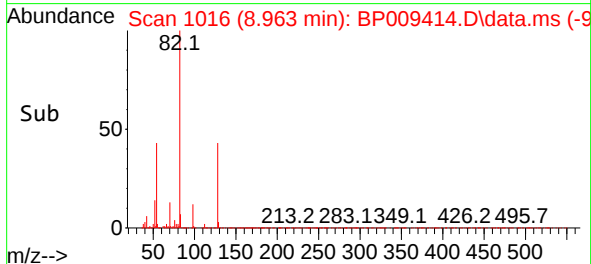
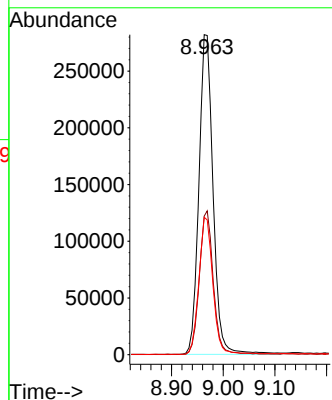
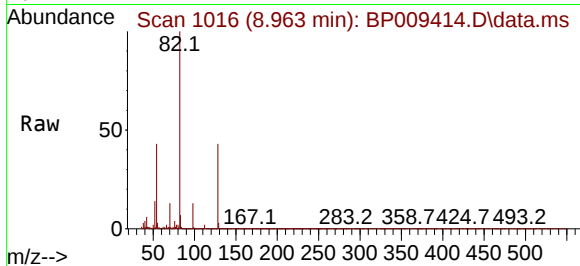




#23
Nitrobenzene-d5
Concen: 21.250 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

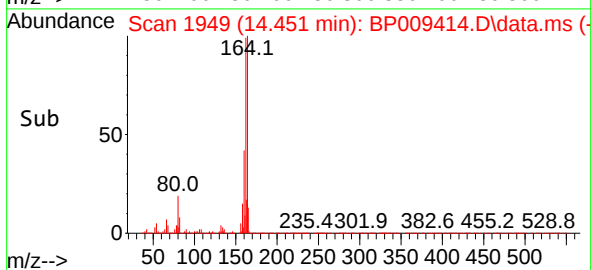
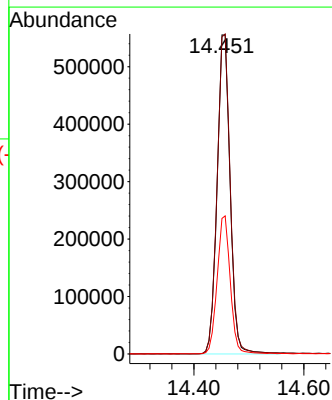
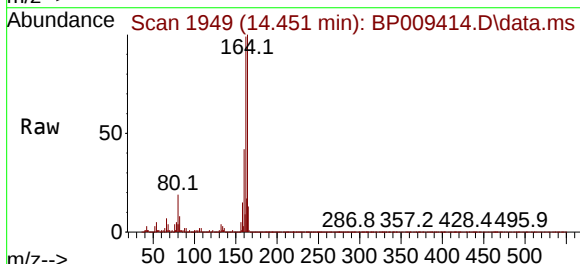
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

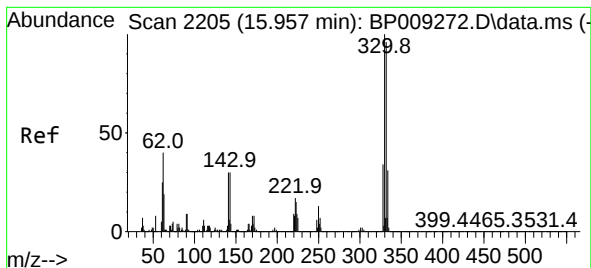
Tgt Ion: 82 Resp: 537440
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:164 Resp: 911723
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 42.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 43.839 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)

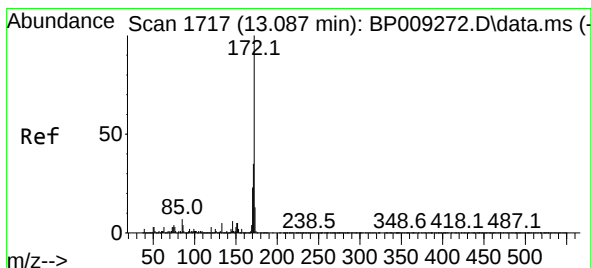
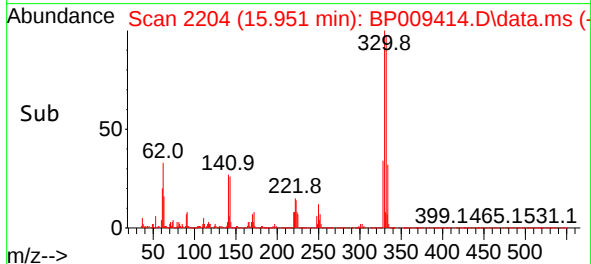
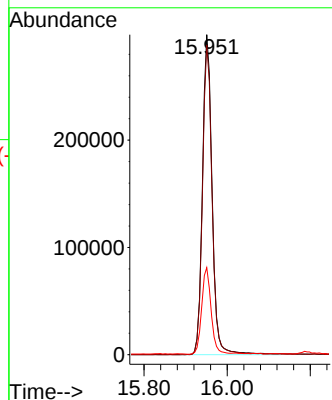
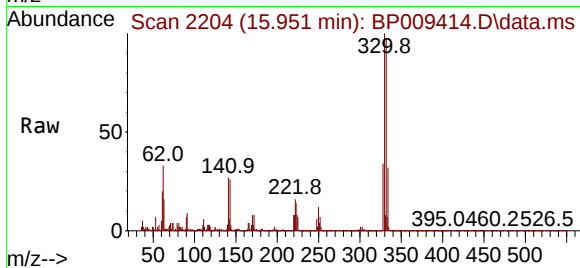
Tgt Ion:330 Resp: 482632

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 26.3 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 20.485 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

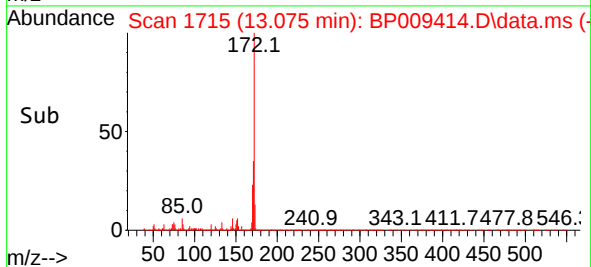
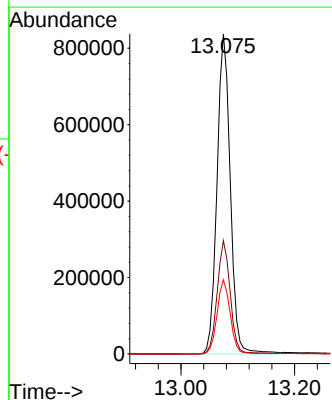
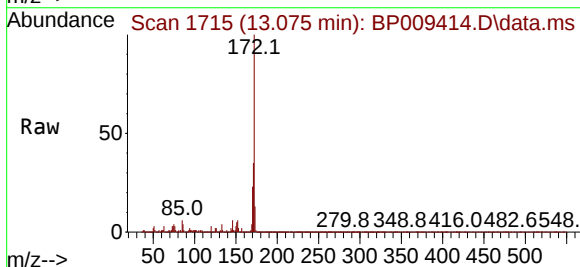
Tgt Ion:172 Resp: 1358065

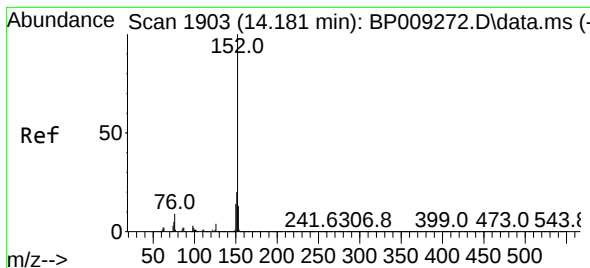
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.1 18.6 27.8





#49

Acenaphthylene

Concen: 4.037 ng

RT: 14.175 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)

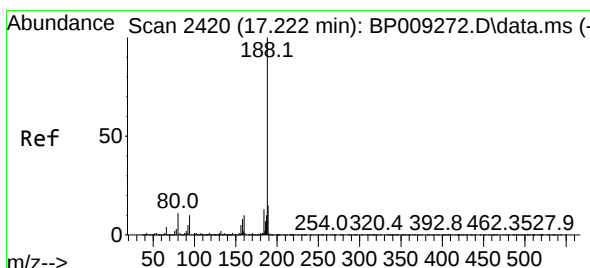
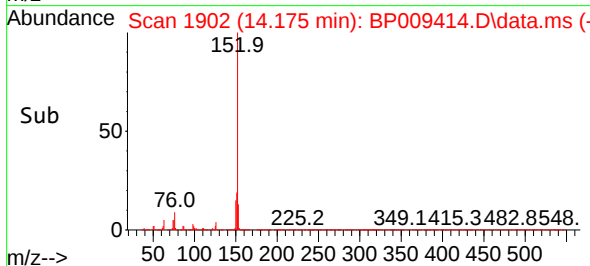
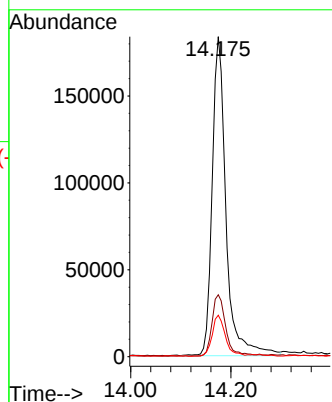
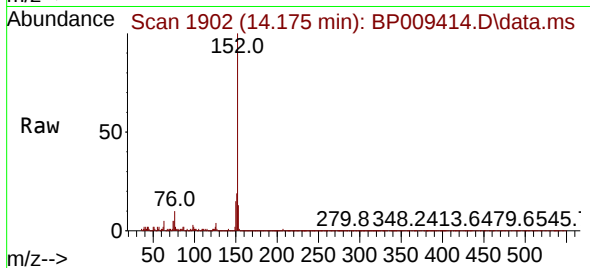
Tgt Ion:152 Resp: 351649

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

153 12.9 10.7 16.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

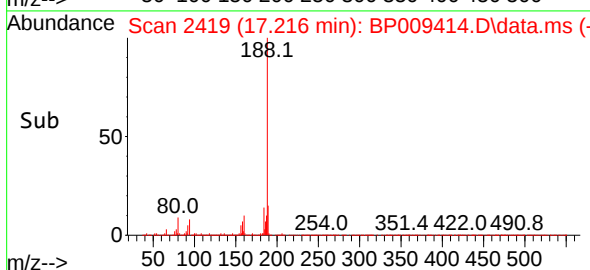
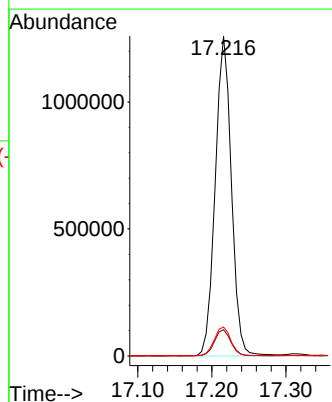
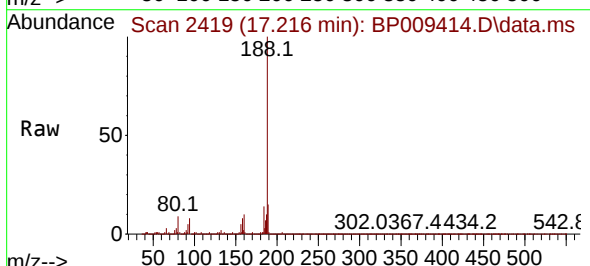
Tgt Ion:188 Resp: 1903523

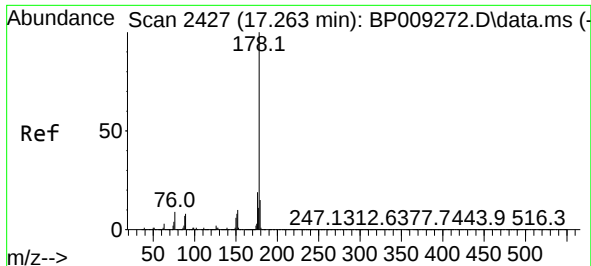
Ion Ratio Lower Upper

188 100

94 8.2 7.9 11.9

80 9.0 8.8 13.2

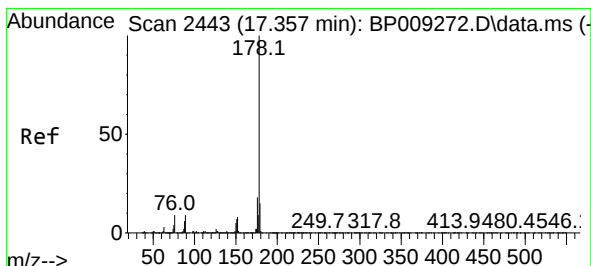
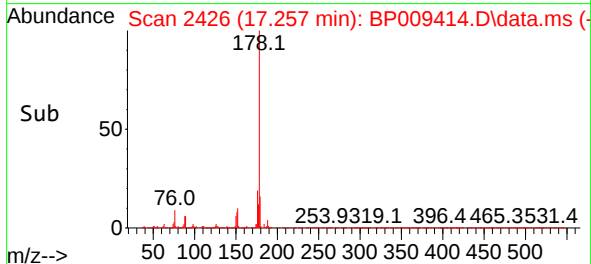
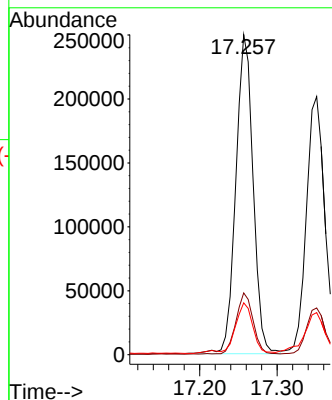
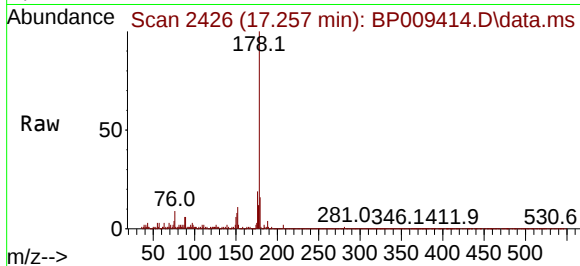




#71
Phenanthrene
Concen: 3.541 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

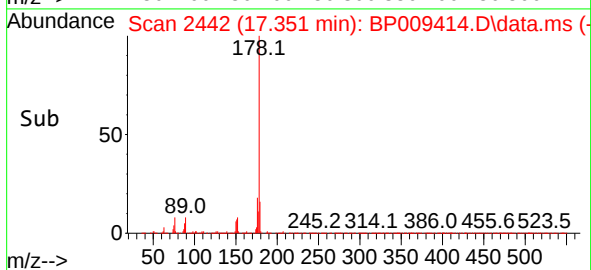
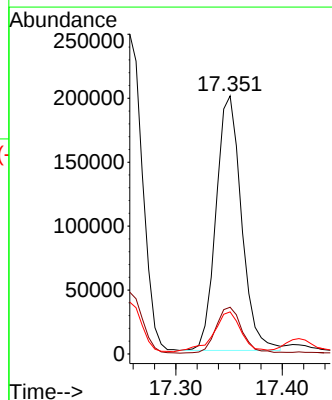
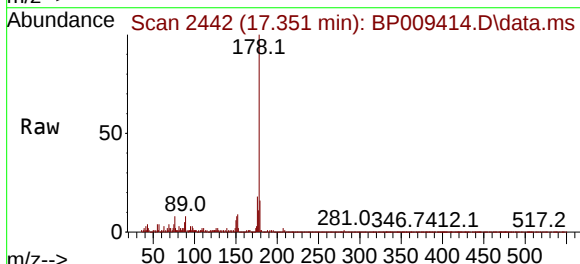
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TP3(0-10)

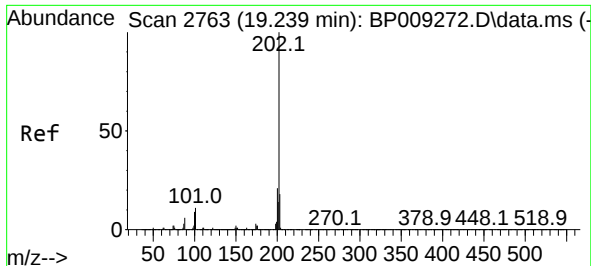
Tgt Ion:178 Resp: 387343
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.3 18.5



#72
Anthracene
Concen: 3.031 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:178 Resp: 330037
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 16.3 12.2 18.4

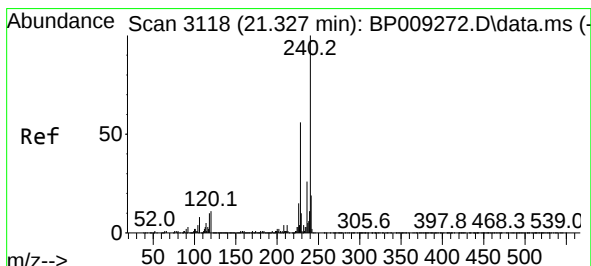
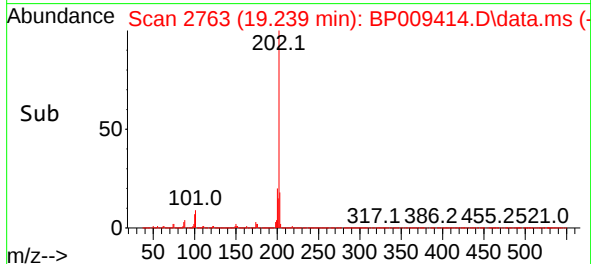
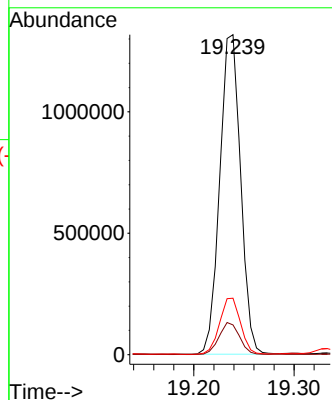
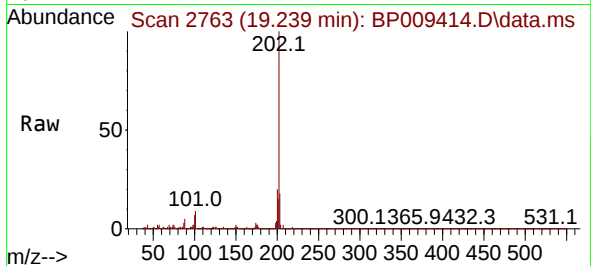




#75
Fluoranthene
Concen: 15.030 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

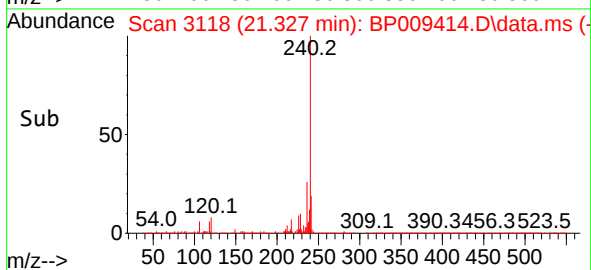
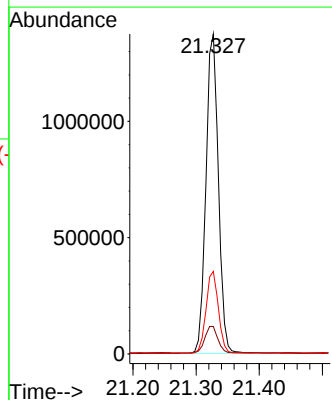
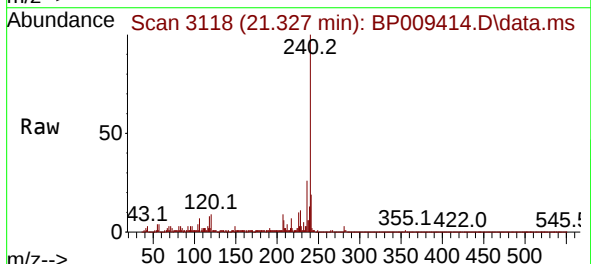
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

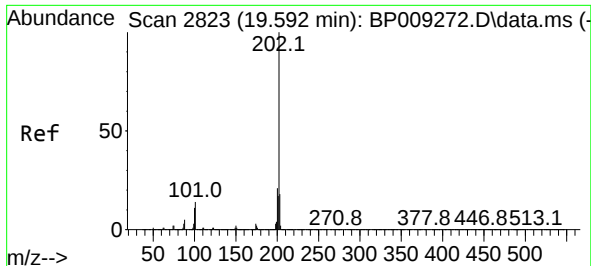
Tgt Ion:202 Resp: 1897868
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:240 Resp: 1882862
Ion Ratio Lower Upper
240 100
120 8.6 9.0 13.4#
236 25.8 20.6 30.8

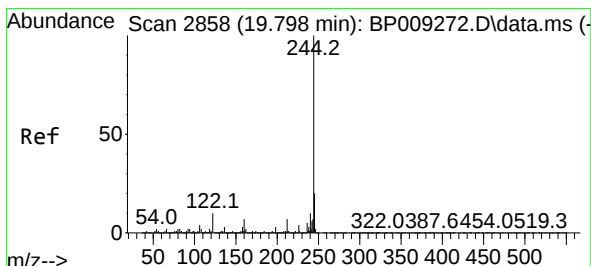
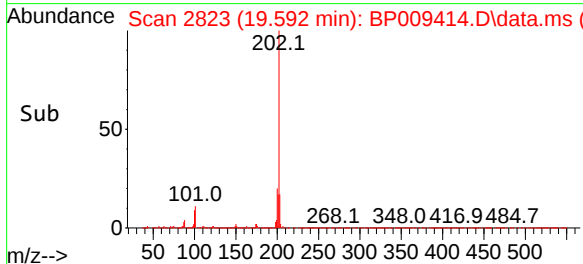
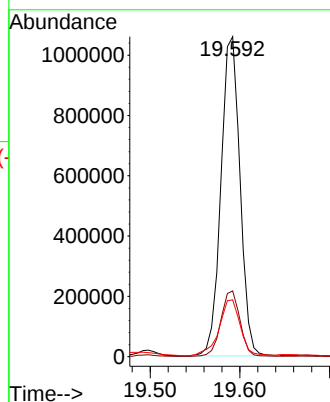
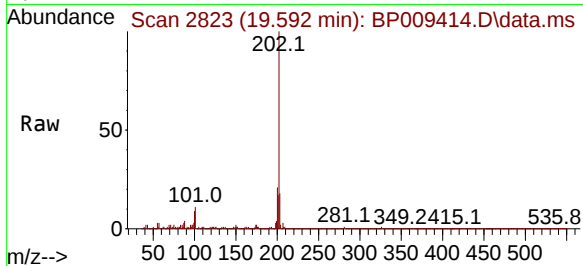




#78
Pyrene
Concen: 12.279 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

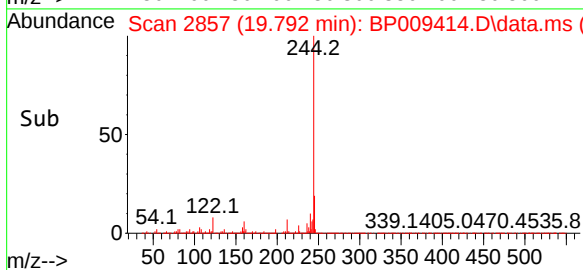
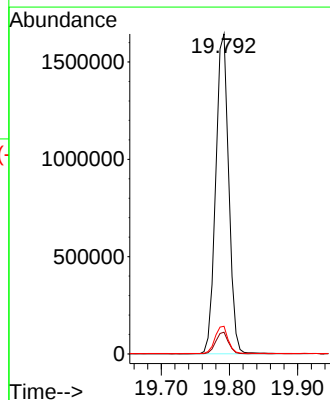
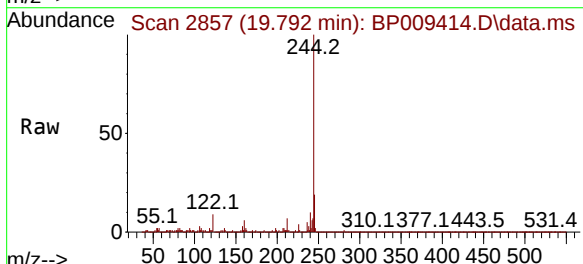
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

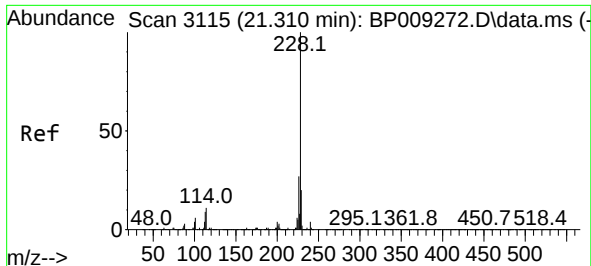
Tgt Ion:202 Resp: 1560964
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.7 14.2 21.4



#79
Terphenyl-d14
Concen: 21.876 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:244 Resp: 2182628
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.6 8.3 12.5

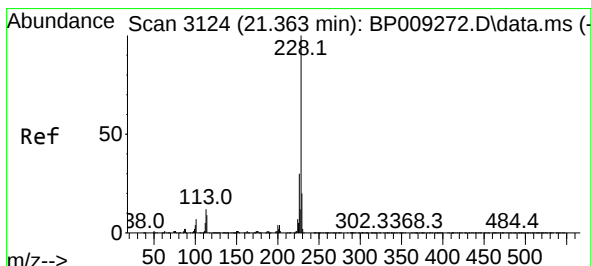
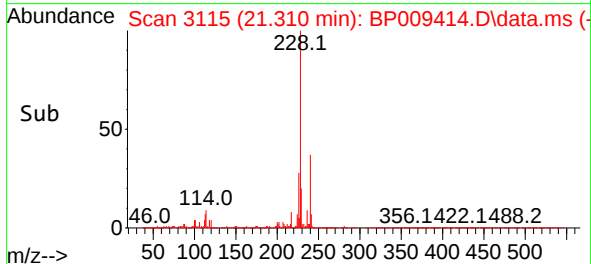
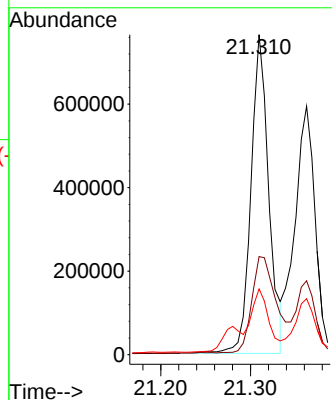
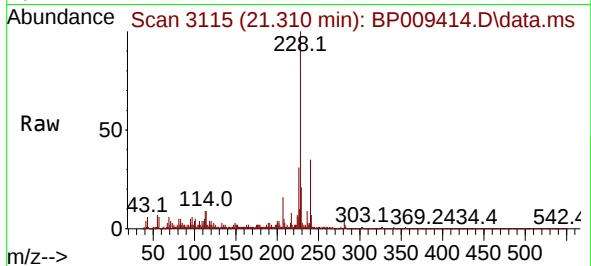




#81
Benzo(a)anthracene
Concen: 8.244 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

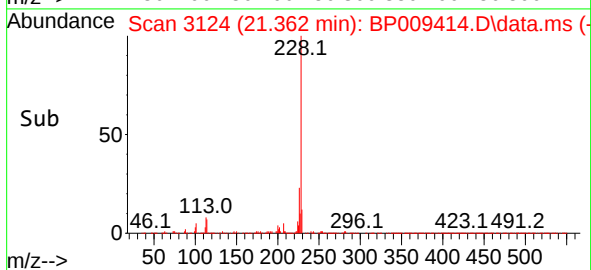
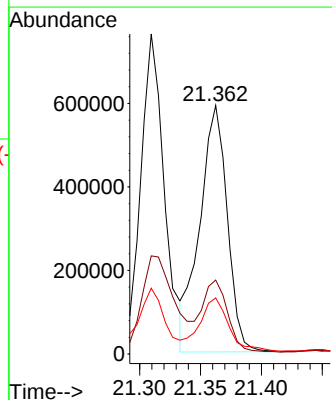
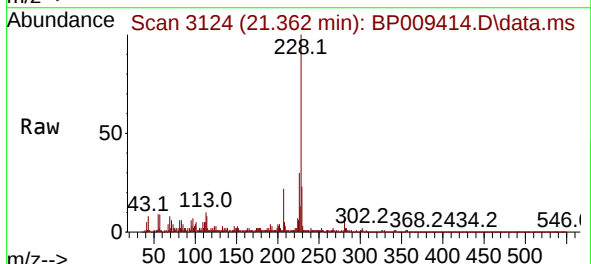
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

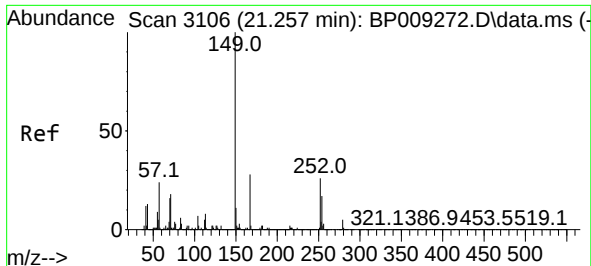
Tgt Ion:228 Resp: 1052100
Ion Ratio Lower Upper
228 100
226 30.7 22.0 33.0
229 20.6 16.1 24.1



#83
Chrysene
Concen: 7.498 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:228 Resp: 929006
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 22.5 16.1 24.1

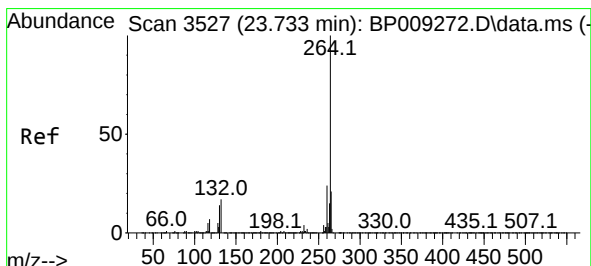
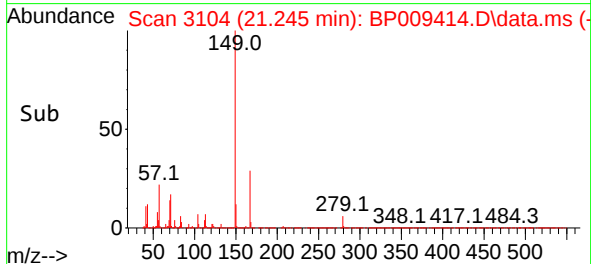
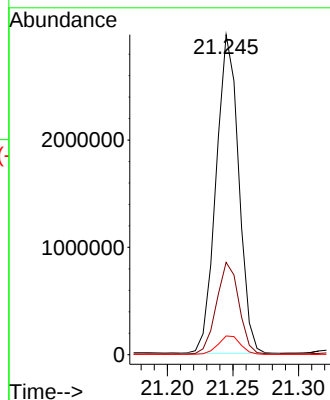
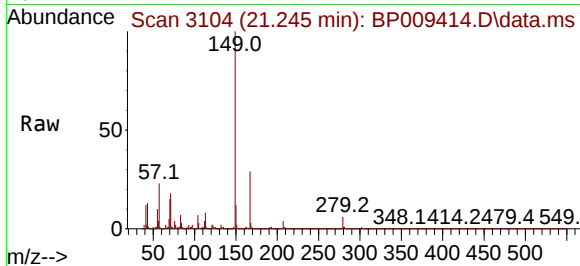




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.388 ng
RT: 21.245 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

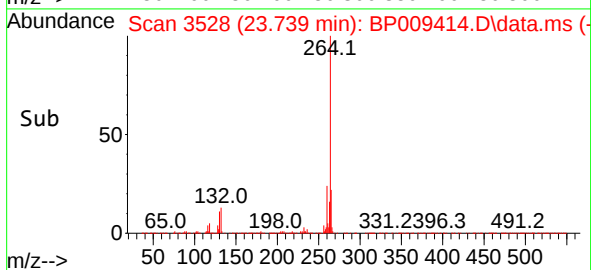
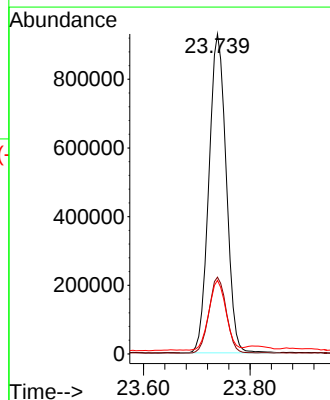
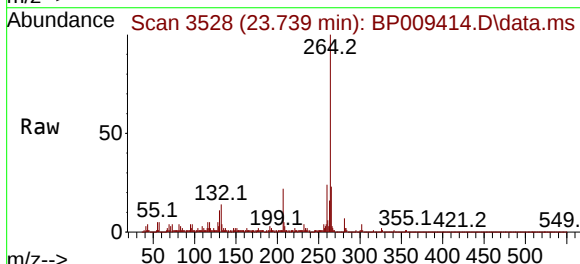
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

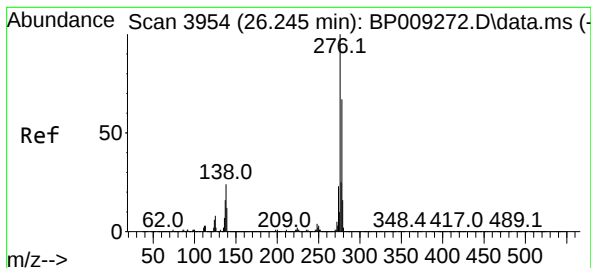
Tgt Ion:149 Resp: 3551034
Ion Ratio Lower Upper
149 100
167 28.9 22.6 33.8
279 5.8 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:264 Resp: 2093440
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 23.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.819 ng

RT: 26.250 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)

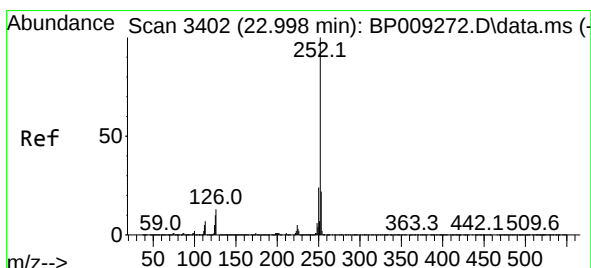
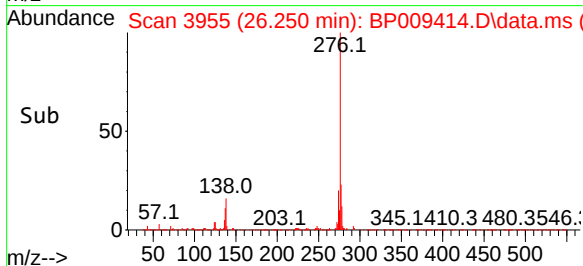
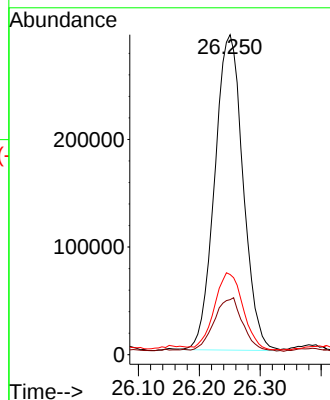
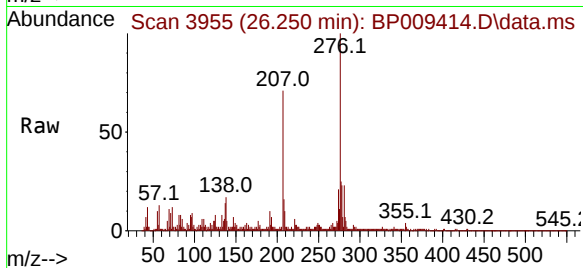
Tgt Ion:276 Resp: 946539

Ion Ratio Lower Upper

276 100

138 17.3 20.5 30.7#

277 24.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 15.070 ng

RT: 23.009 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

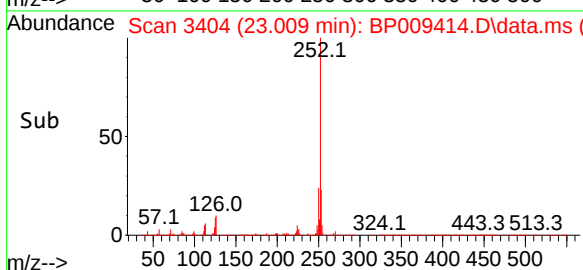
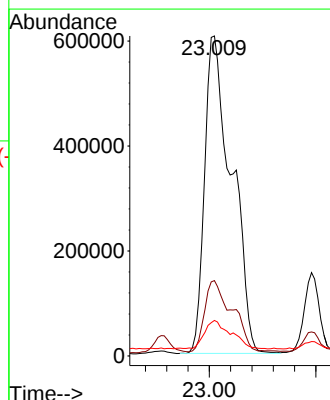
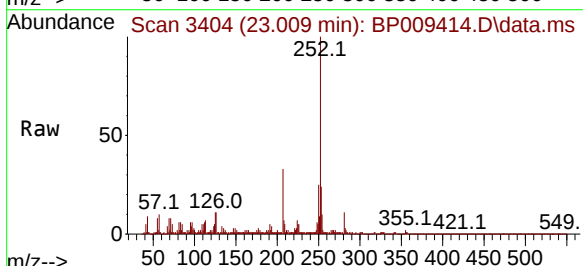
Tgt Ion:252 Resp: 2130136

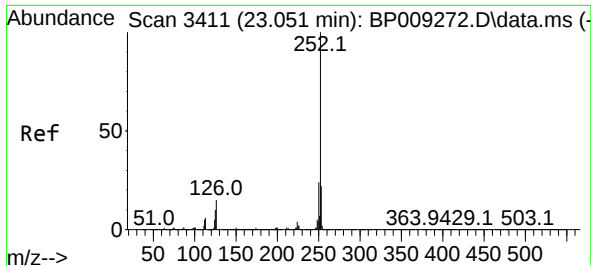
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 11.1 8.1 12.1

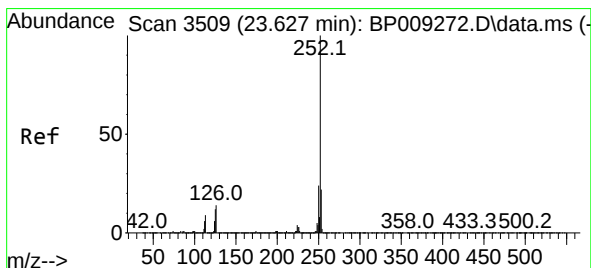
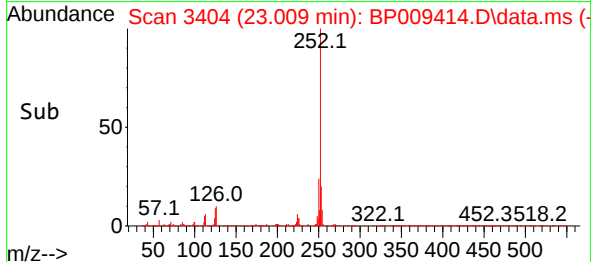
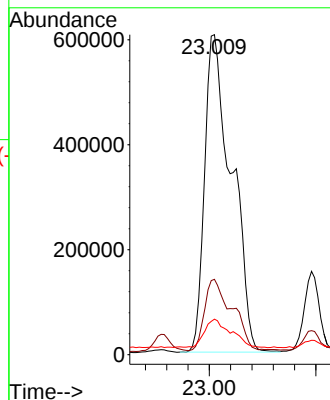
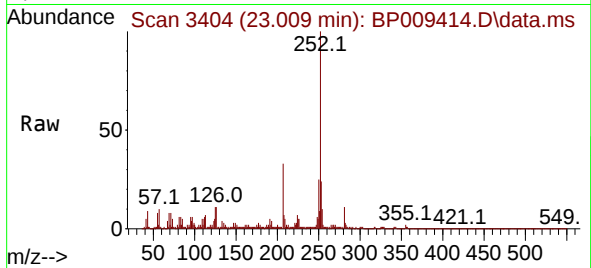




#89
Benzo(k)fluoranthene
Concen: 15.776 ng
RT: 23.009 min Scan# 3411
Delta R.T. -0.041 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

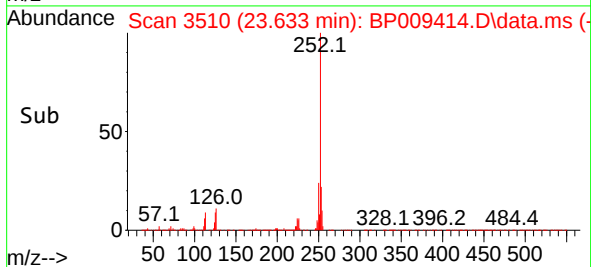
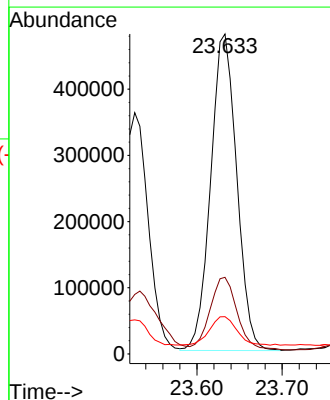
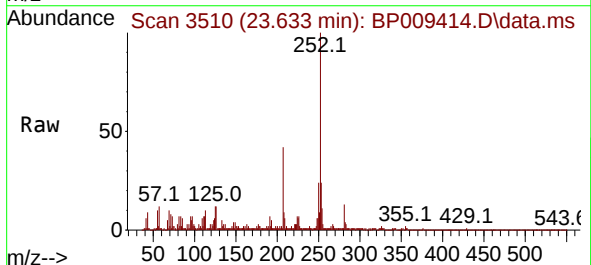
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

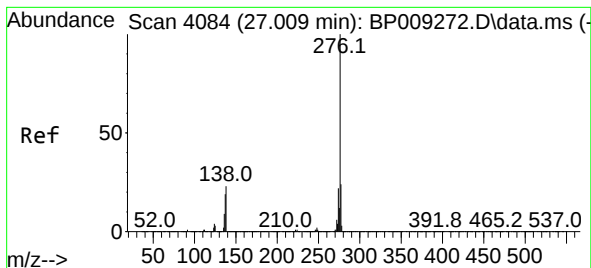
Tgt Ion:252 Resp: 2130328
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 7.583 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:252 Resp: 1016525
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.7 9.3 13.9





#92

Benzo(g,h,i)perylene

Concen: 7.106 ng

RT: 27.021 min Scan# 4086

Delta R.T. 0.011 min

Lab File: BP009414.D

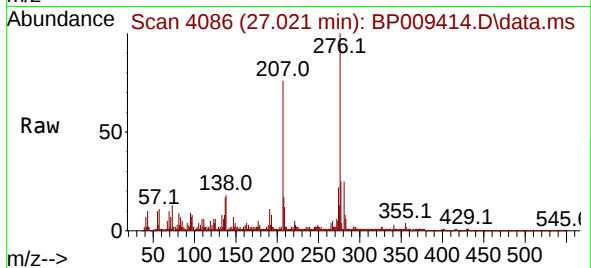
Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)



Tgt Ion:276 Resp: 968256

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 18.4 18.0 27.0

