

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010630.D
 Acq On : 29 May 2022 21:25
 Operator : CG/JU
 Sample : N3000-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-01-COMPDL

Quant Time: May 30 02:08:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

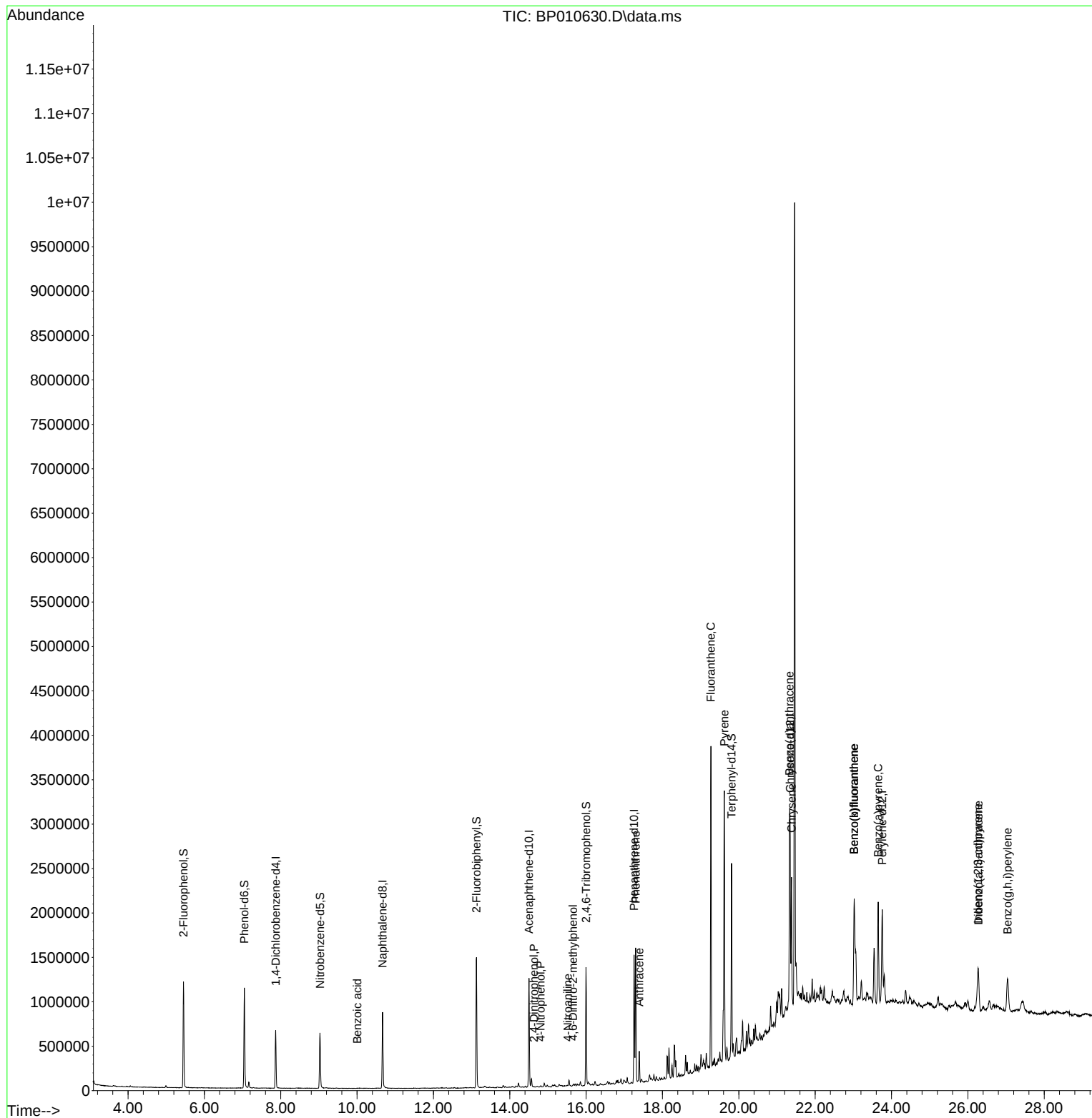
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	172697	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	681985	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	414272	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	836221	20.000	ng	0.00
76) Chrysene-d12	21.345	240	752015	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	769346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	466229	49.251	ng	0.00
7) Phenol-d6	7.046	99	605038	45.021	ng	0.00
23) Nitrobenzene-d5	9.028	82	370493	25.684	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	227221	48.454	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	768752	26.336	ng	0.00
79) Terphenyl-d14	19.810	244	993395	24.812	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.004	122	379	7.375	ng	# 71
54) 2,4-Dinitrophenol	14.634	184	95	6.668	ng	# 39
56) 4-Nitrophenol	14.810	139	284	3.649	ng	89
62) 4-Nitroaniline	15.522	138	324	2.180	ng	91
65) 4,6-Dinitro-2-methylph...	15.657	198	46	4.610	ng	# 1
71) Phenanthrene	17.298	178	889627	19.400	ng	100
72) Anthracene	17.392	178	216070	4.921	ng	99
75) Fluoranthene	19.269	202	2022597	40.607	ng	98
78) Pyrene	19.622	202	1915866	36.557	ng	99
81) Benzo(a)anthracene	21.327	228	958537	19.427	ng	98
83) Chrysene	21.380	228	802229	16.576	ng	98
87) Indeno(1,2,3-cd)pyrene	26.268	276	511470	9.120	ng	96
88) Benzo(b)fluoranthene	23.021	252	1057058	21.822	ng	98
89) Benzo(k)fluoranthene	23.021	252	1057058	21.527	ng	97
90) Benzo(a)pyrene	23.651	252	785707	19.610	ng	96
91) Dibenzo(a,h)anthracene	26.274	278	121337	2.587	ng	# 92
92) Benzo(g,h,i)perylene	27.039	276	518854	11.126	ng	95

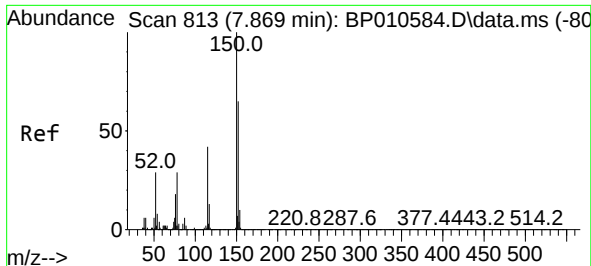
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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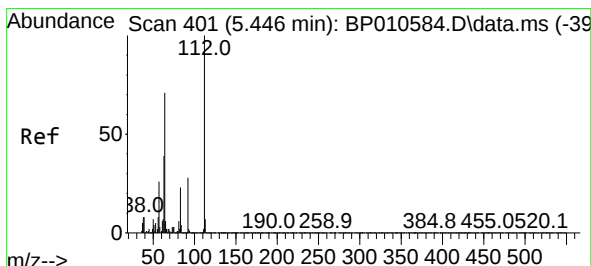
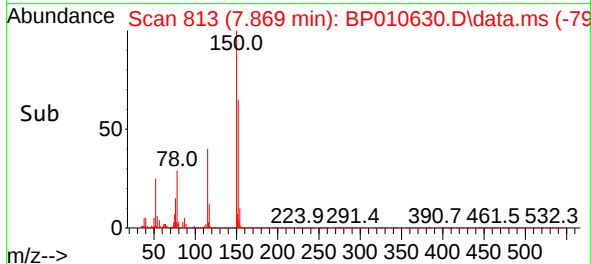
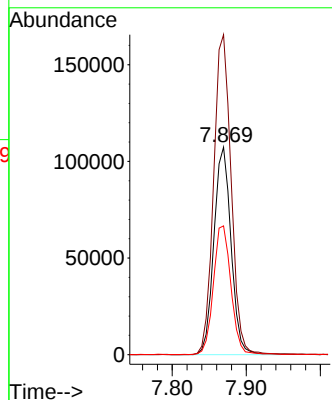
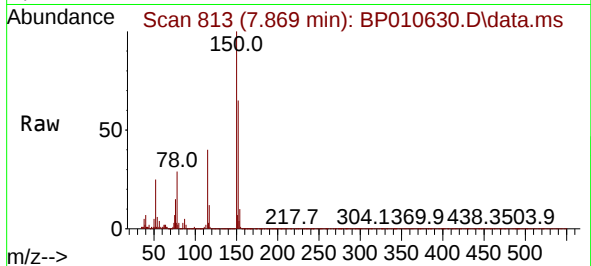




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

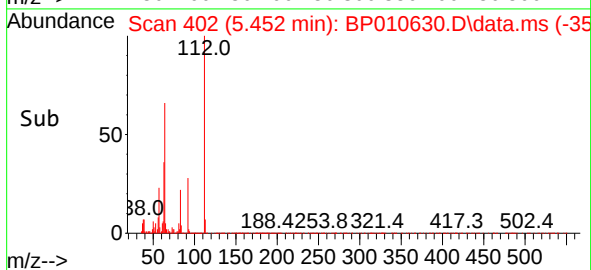
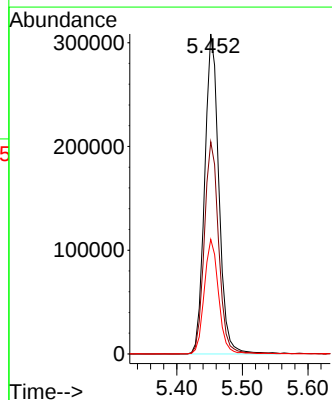
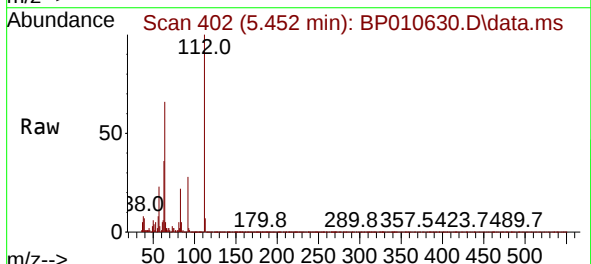
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion:152 Resp: 172697
Ion Ratio Lower Upper
152 100
150 154.2 123.4 185.2
115 62.1 51.3 76.9



#5
2-Fluorophenol
Concen: 49.251 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:112 Resp: 466229
Ion Ratio Lower Upper
112 100
64 66.3 56.9 85.3
63 35.8 31.2 46.8

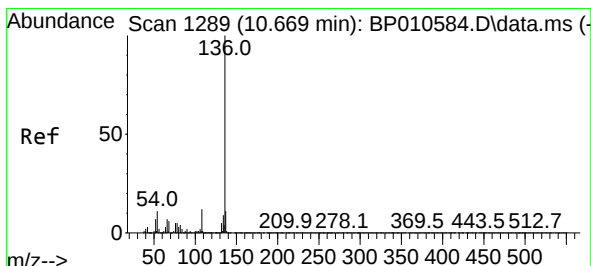
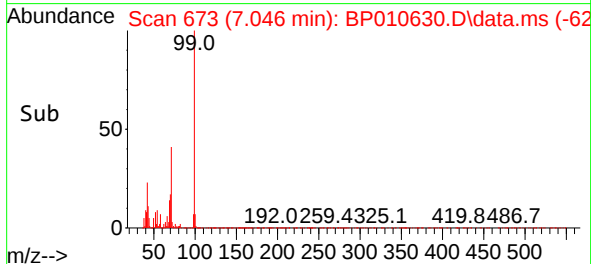
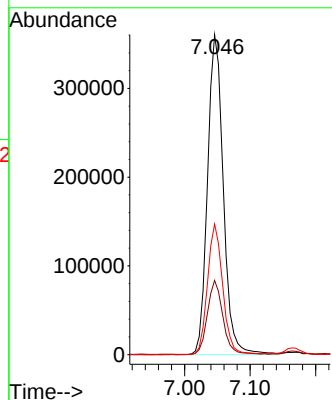
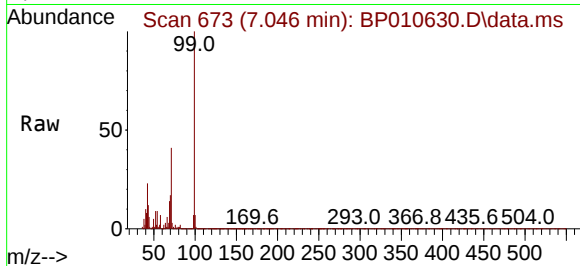




#7
Phenol-d6
Concen: 45.021 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

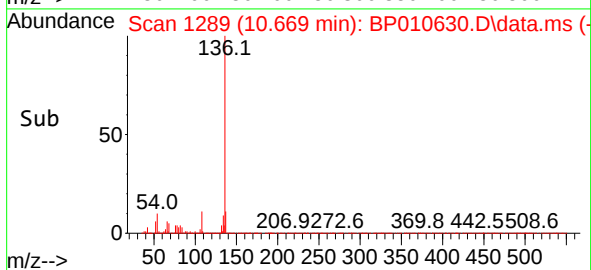
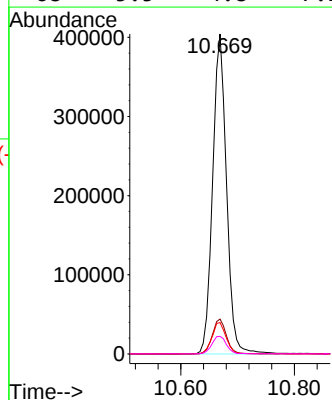
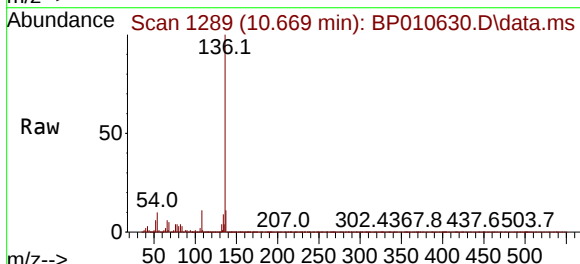
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ClientSampleId :
TP-01-COMPDL

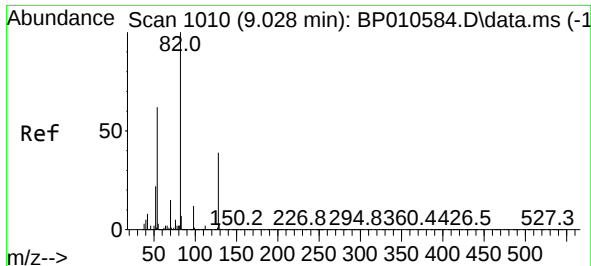
Tgt Ion: 99 Resp: 605038
Ion Ratio Lower Upper
99 100
42 23.2 20.3 30.5
71 40.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion: 136 Resp: 681985
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.8 8.7 13.1
68 5.5 4.8 7.2

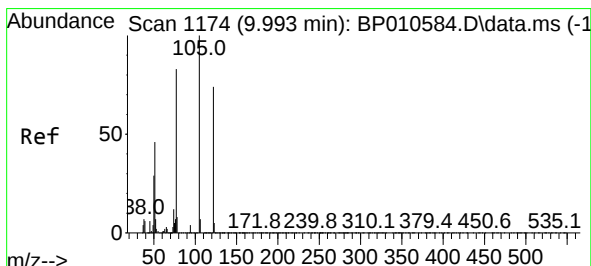
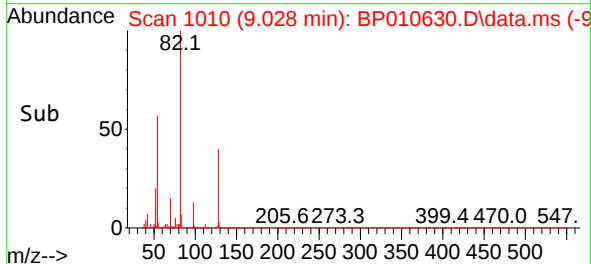
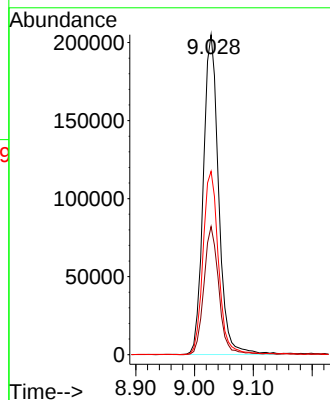
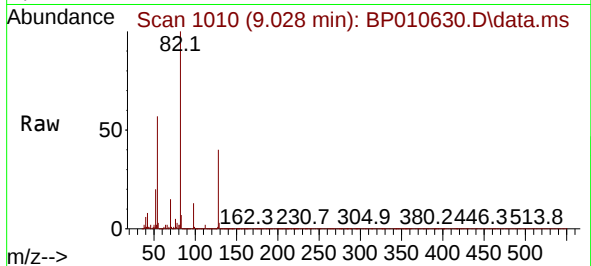




#23
Nitrobenzene-d5
Concen: 25.684 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

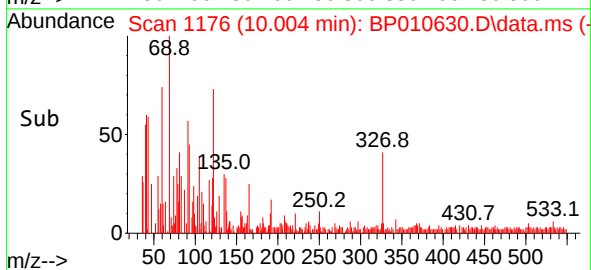
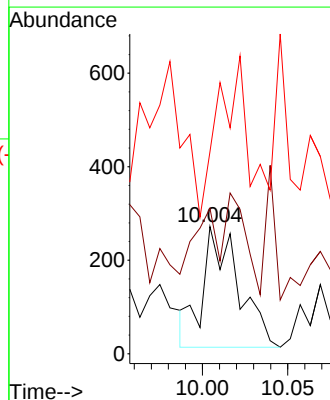
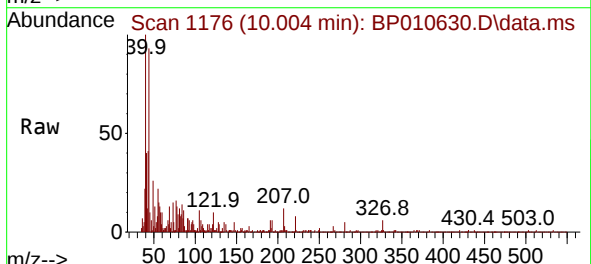
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

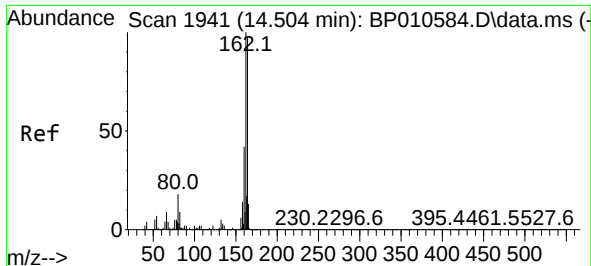
Tgt Ion: 82 Resp: 370493
Ion Ratio Lower Upper
82 100
128 40.1 31.3 46.9
54 57.3 49.8 74.8



#32
Benzoic acid
Concen: 7.375 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.011 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion: 122 Resp: 379
Ion Ratio Lower Upper
122 100
105 114.3 112.6 152.6
77 158.8 90.2 130.2#

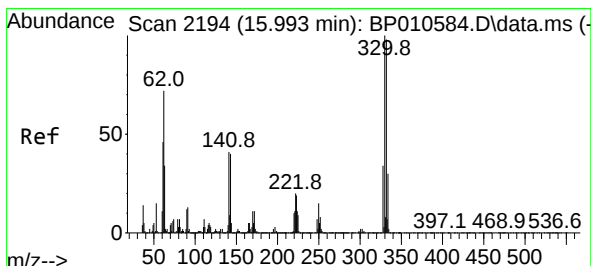
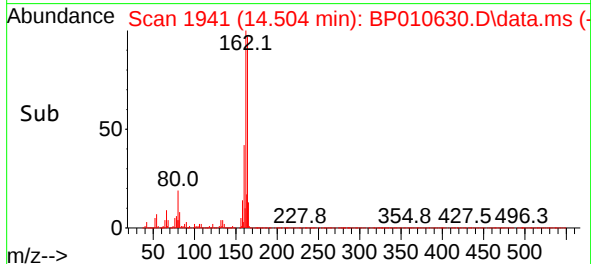
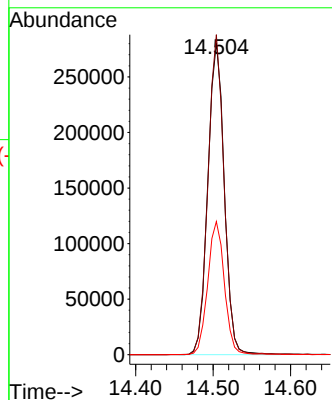
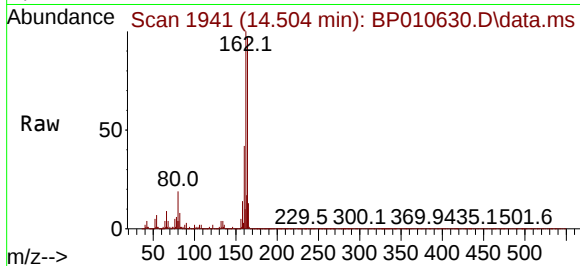




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

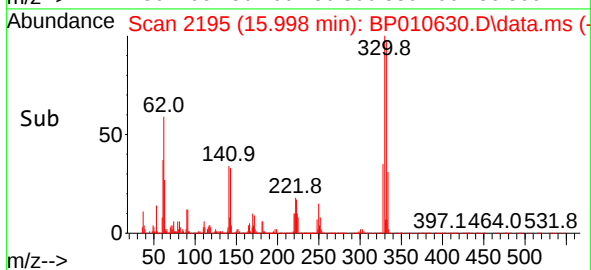
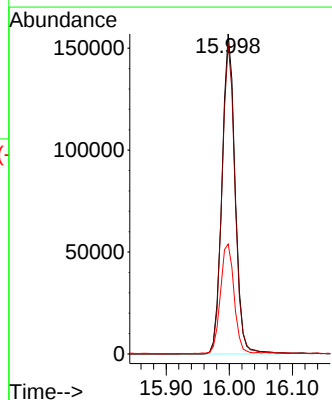
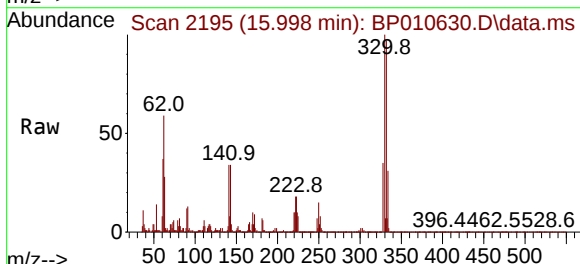
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TP-01-COMPDL

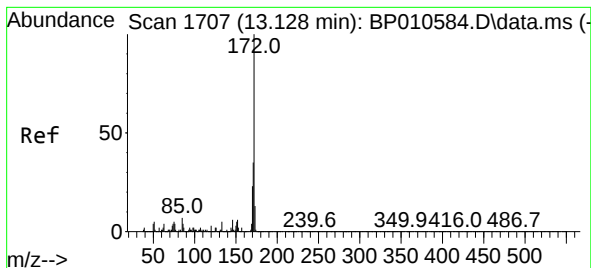
Tgt Ion:164 Resp: 414272
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 42.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 48.454 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:330 Resp: 227221
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 35.6 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 26.336 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

Instrument :

BNA_P

ClientSampleId :

TP-01-COMPDL

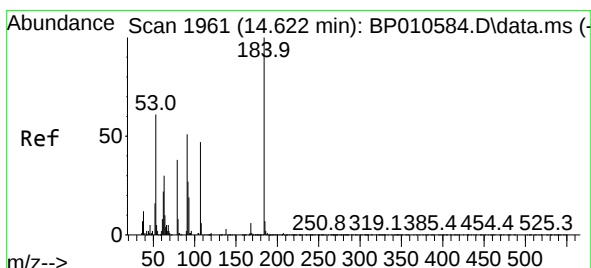
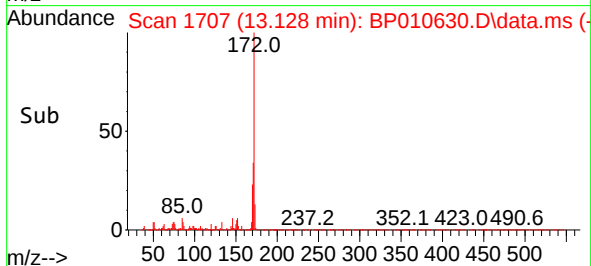
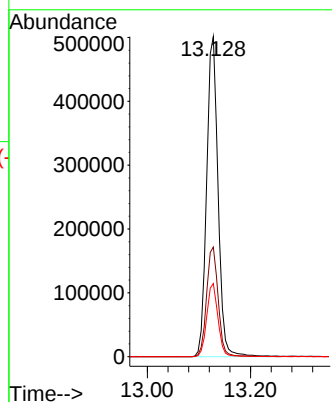
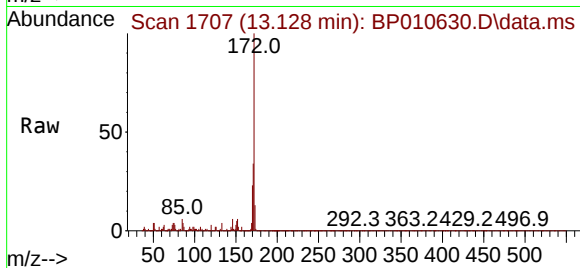
Tgt Ion:172 Resp: 768752

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.9 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.668 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

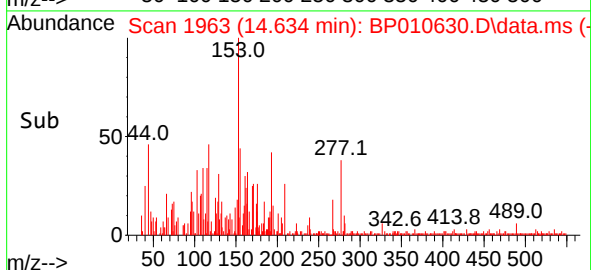
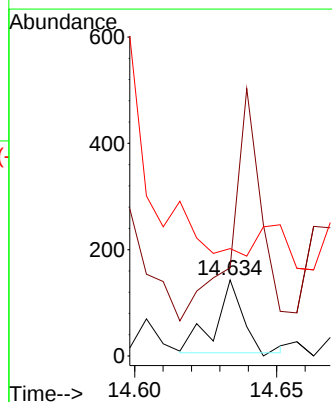
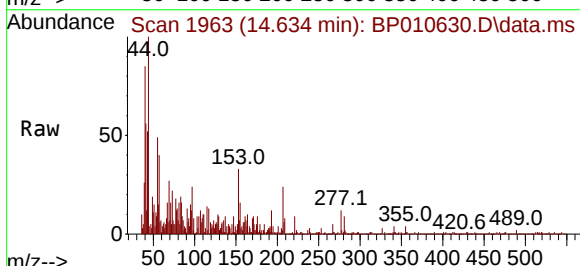
Tgt Ion:184 Resp: 95

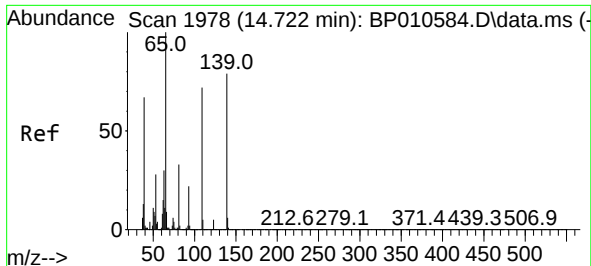
Ion Ratio Lower Upper

184 100

63 116.1 65.4 98.2#

154 141.3 55.4 83.2#

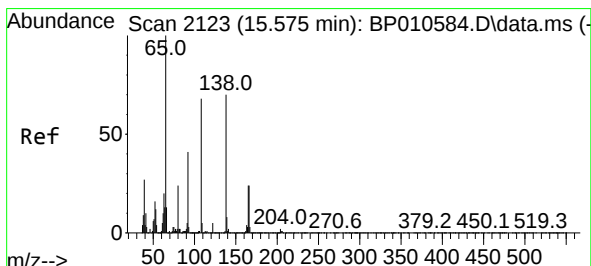
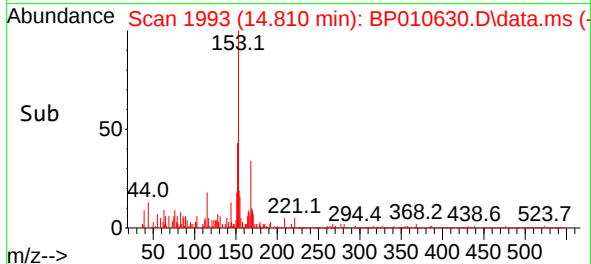
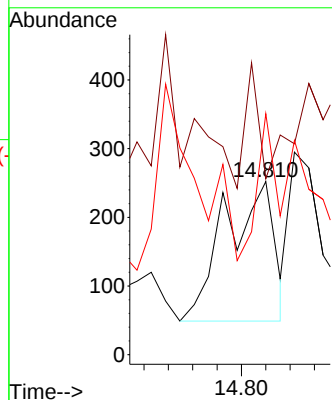
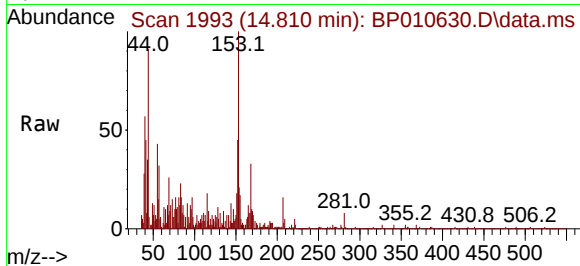




#56
4-Nitrophenol
Concen: 3.649 ng
RT: 14.810 min Scan# 1114
Delta R.T. 0.088 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

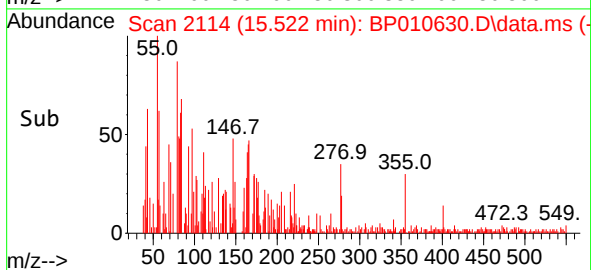
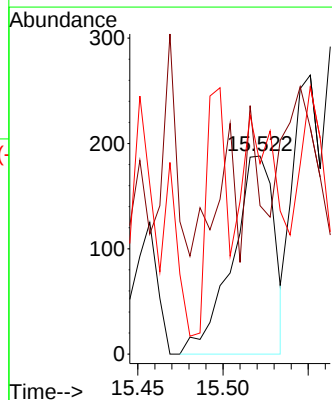
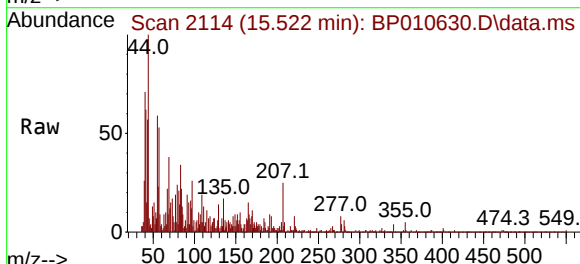
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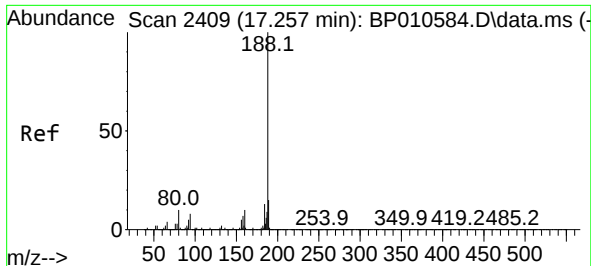
Tgt Ion:139 Resp: 284
Ion Ratio Lower Upper
139 100
109 101.6 70.6 110.6
65 139.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.180 ng
RT: 15.522 min Scan# 2114
Delta R.T. -0.053 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:138 Resp: 324
Ion Ratio Lower Upper
138 100
92 75.0 38.0 78.0
108 96.3 77.6 117.6

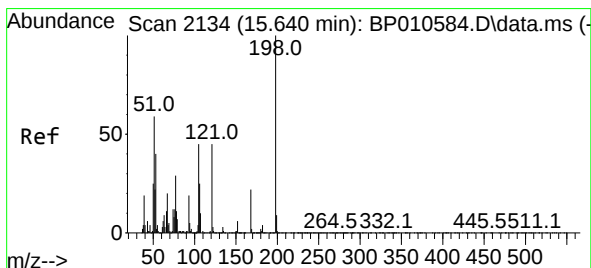
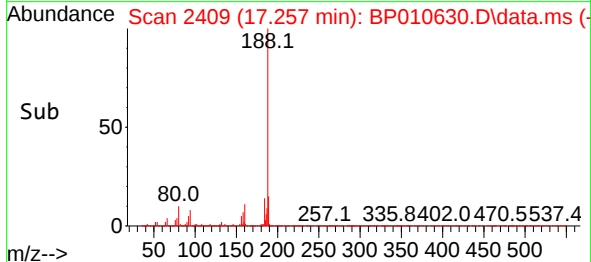
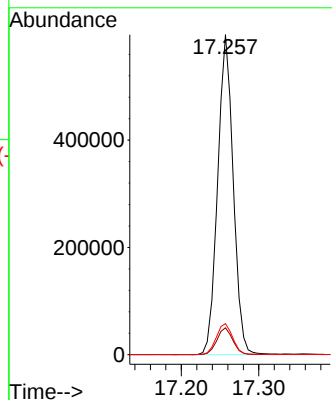
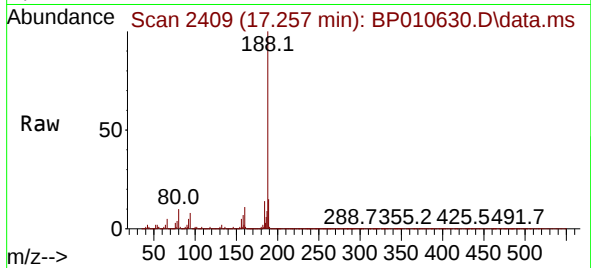




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

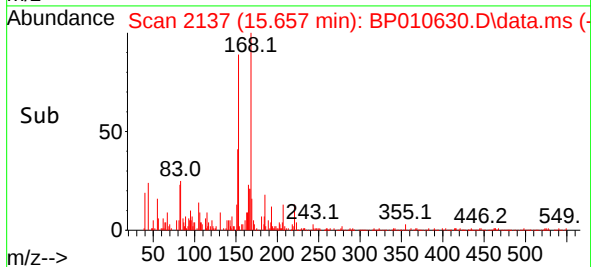
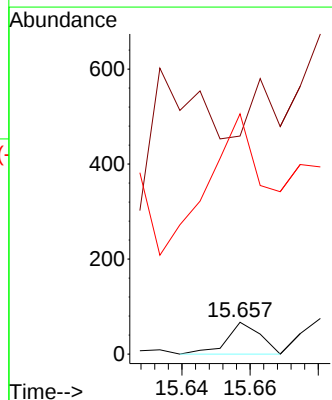
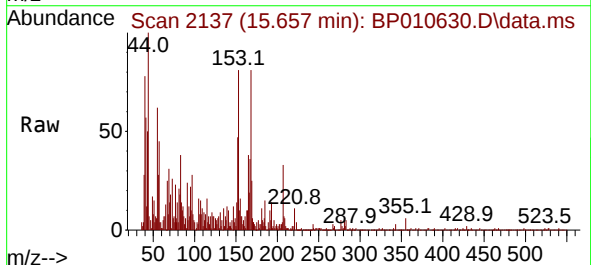
Instrument :
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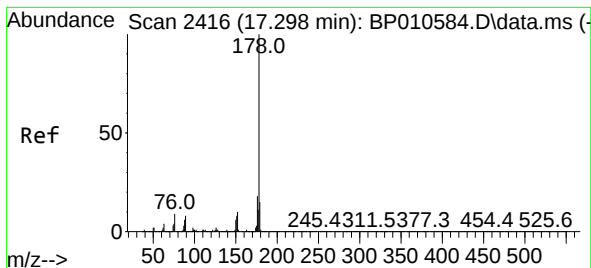
Tgt Ion:188 Resp: 836221
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.610 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.017 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
51 685.1 41.2 81.2#
105 755.2 25.3 65.3#





#71

Phenanthrene

Concen: 19.400 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

Instrument :

BNA_P

ClientSampleId :

TP-01-COMPDL

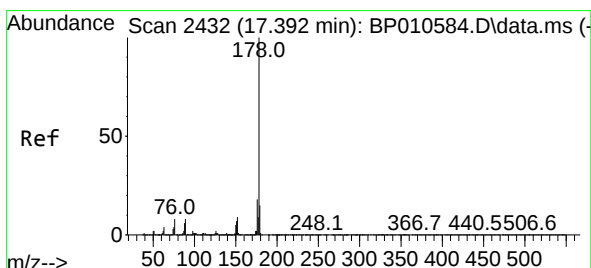
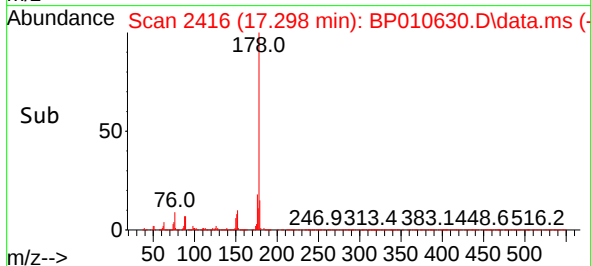
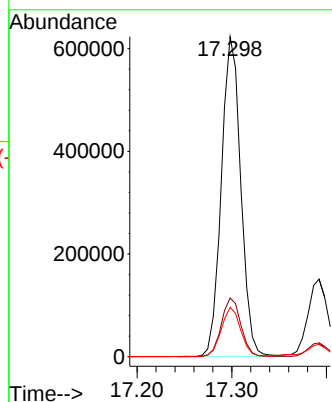
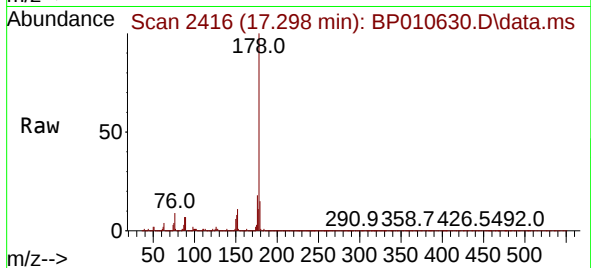
Tgt Ion:178 Resp: 889627

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.4 12.2 18.2



#72

Anthracene

Concen: 4.921 ng

RT: 17.392 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

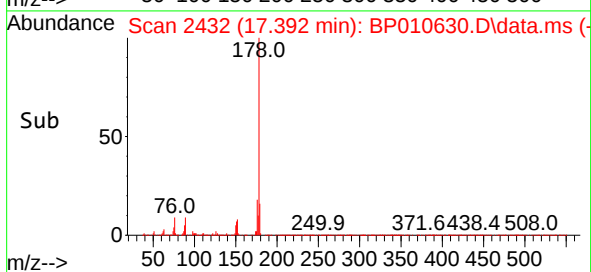
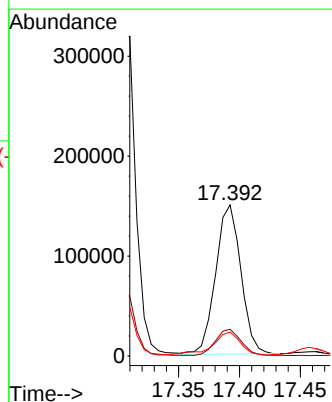
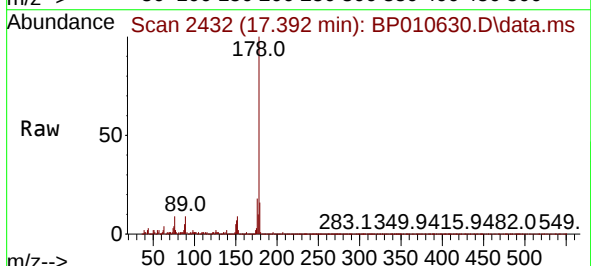
Tgt Ion:178 Resp: 216070

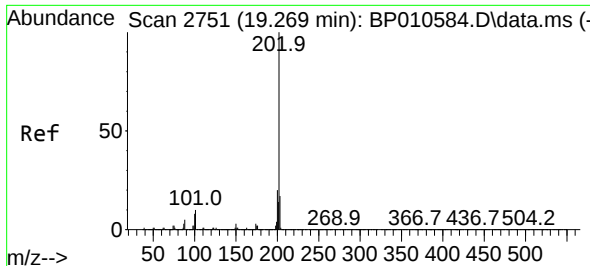
Ion Ratio Lower Upper

178 100

176 17.7 14.5 21.7

179 15.8 12.2 18.4

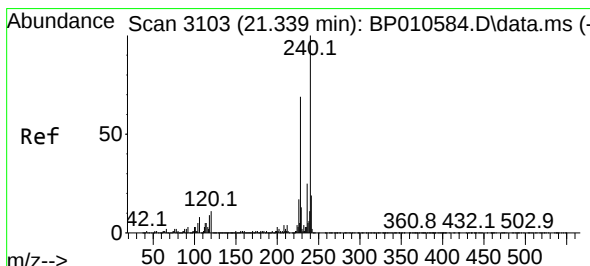
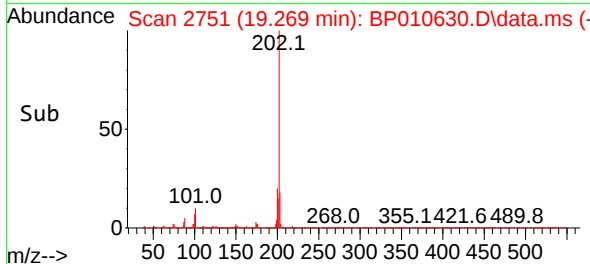
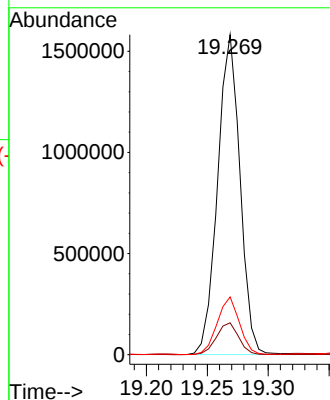
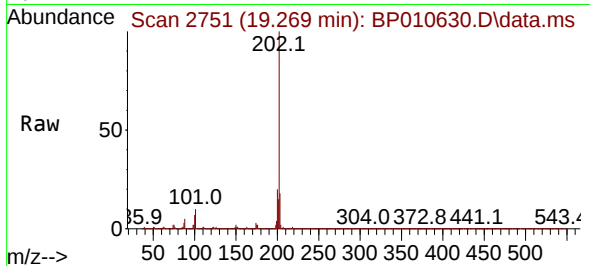




#75
Fluoranthene
Concen: 40.607 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

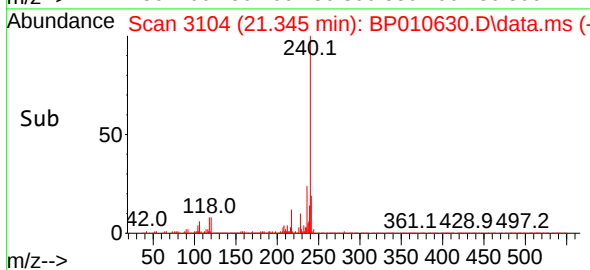
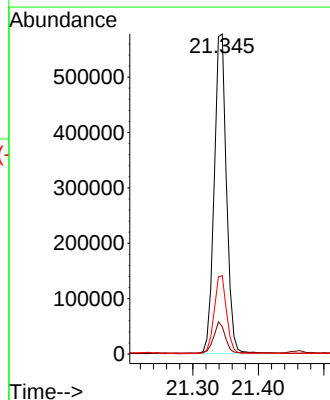
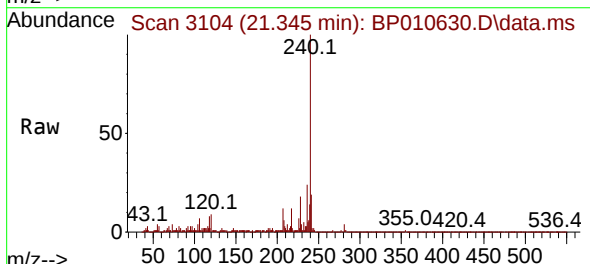
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

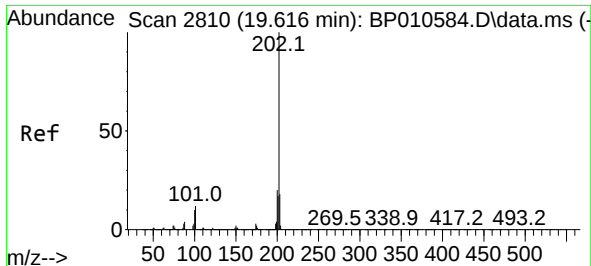
Tgt Ion:202 Resp: 2022597
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 18.1 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:240 Resp: 752015
Ion Ratio Lower Upper
240 100
120 8.6 8.6 12.8#
236 24.5 19.8 29.6

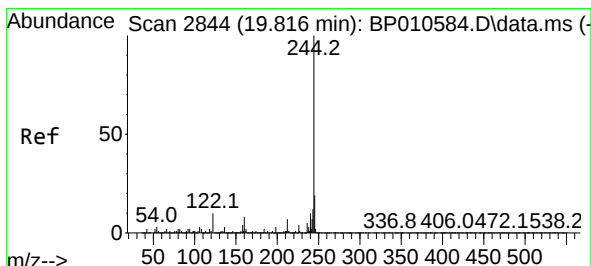
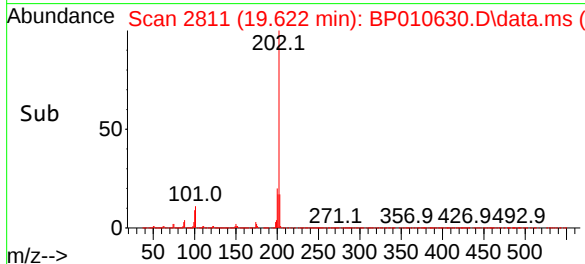
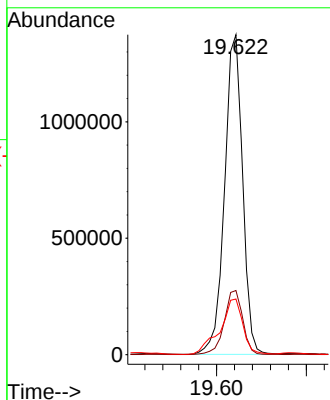
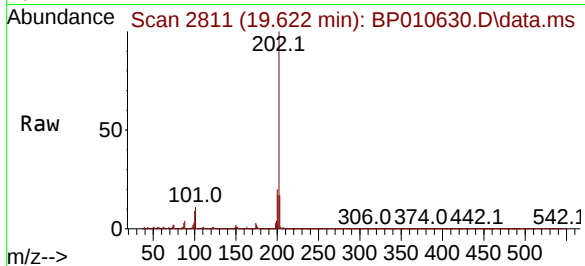




#78
Pyrene
Concen: 36.557 ng
RT: 19.622 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

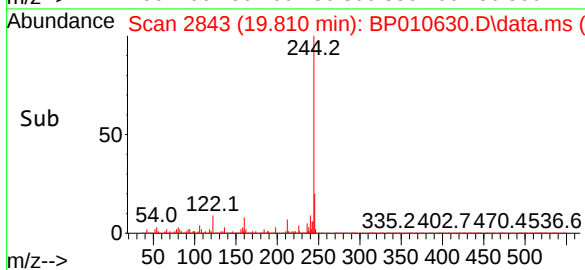
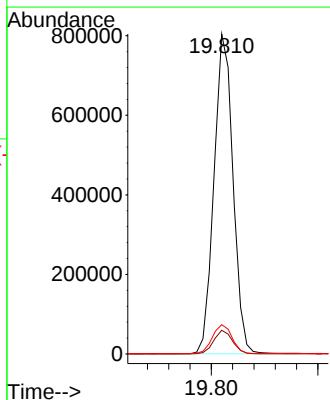
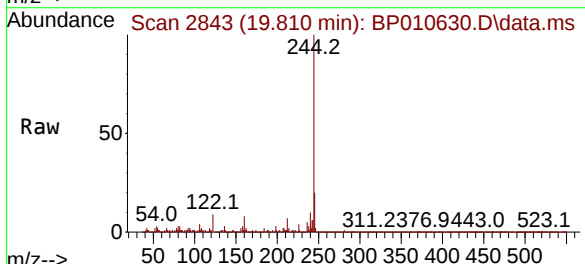
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

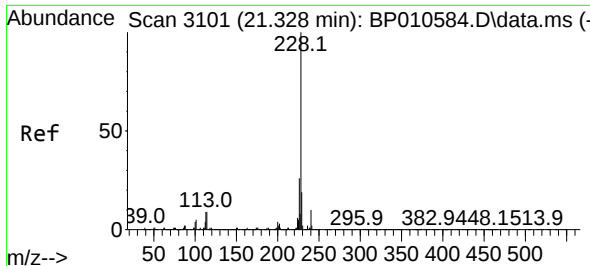
Tgt Ion:202 Resp: 1915866
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 17.4 14.2 21.4



#79
Terphenyl-d14
Concen: 24.812 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:244 Resp: 993395
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.2 7.6 11.4

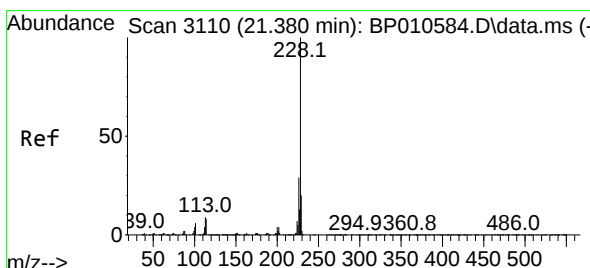
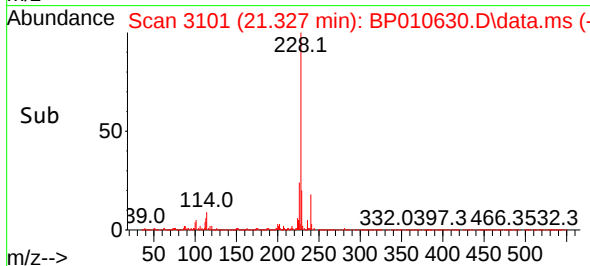
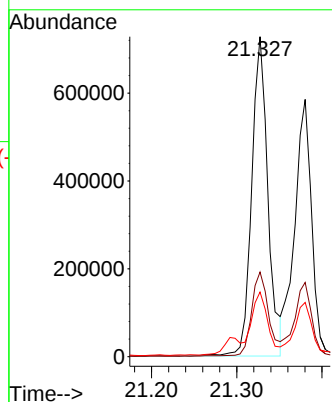
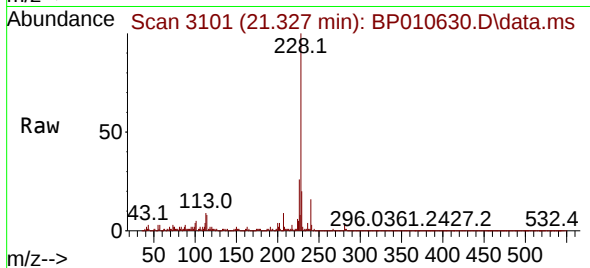




#81
Benzo(a)anthracene
Concen: 19.427 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

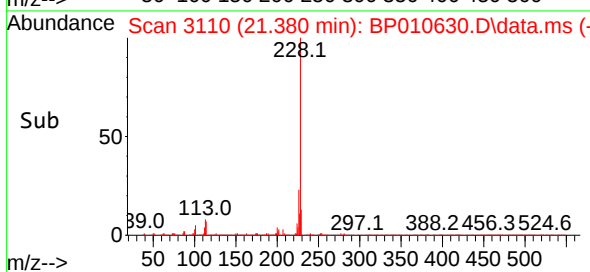
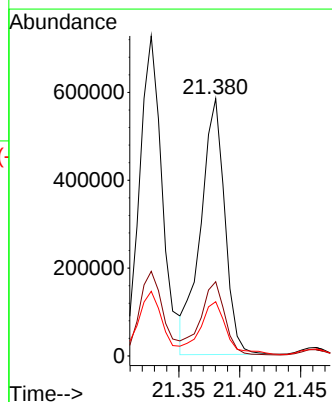
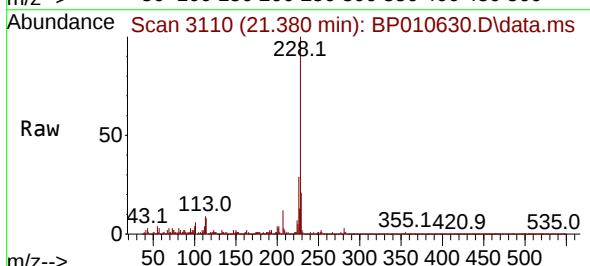
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

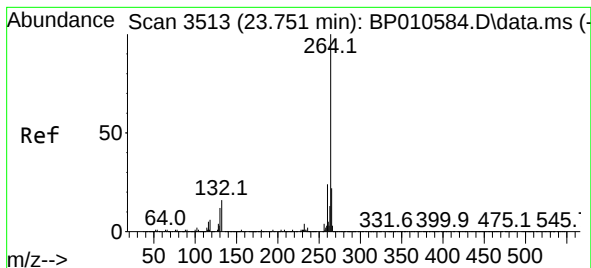
Tgt Ion:228 Resp: 958537
Ion Ratio Lower Upper
228 100
226 26.4 20.8 31.2
229 20.2 15.2 22.8



#83
Chrysene
Concen: 16.576 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:228 Resp: 802229
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 21.1 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 3513

Delta R.T. 0.006 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

Instrument :

BNA_P

ClientSampleId :

TP-01-COMPDL

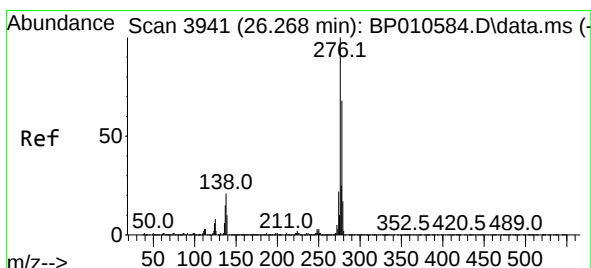
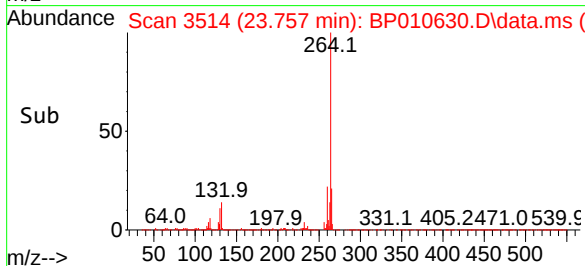
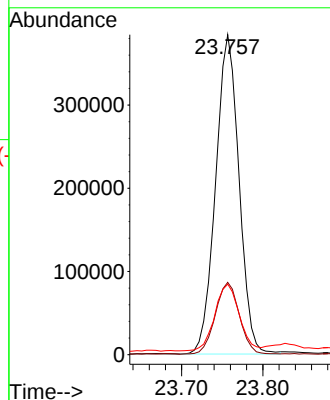
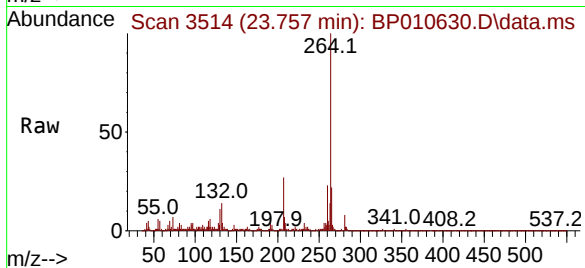
Tgt Ion:264 Resp: 769346

Ion Ratio Lower Upper

264 100

260 22.6 19.3 28.9

265 22.1 18.0 27.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.120 ng

RT: 26.268 min Scan# 3941

Delta R.T. -0.000 min

Lab File: BP010630.D

Acq: 29 May 2022 21:25

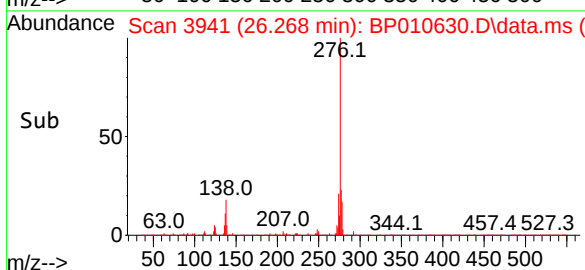
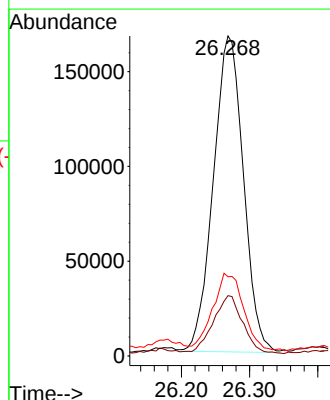
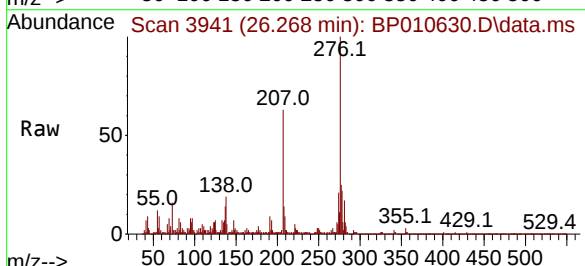
Tgt Ion:276 Resp: 511470

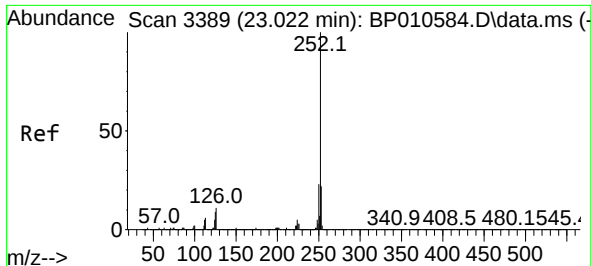
Ion Ratio Lower Upper

276 100

138 18.1 17.5 26.3

277 25.3 20.2 30.4

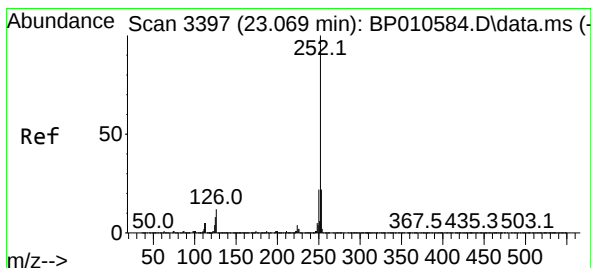
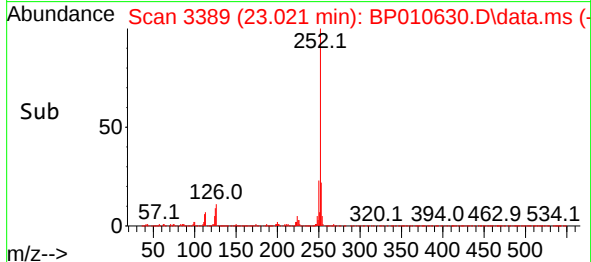
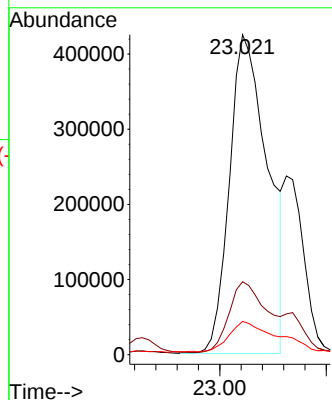
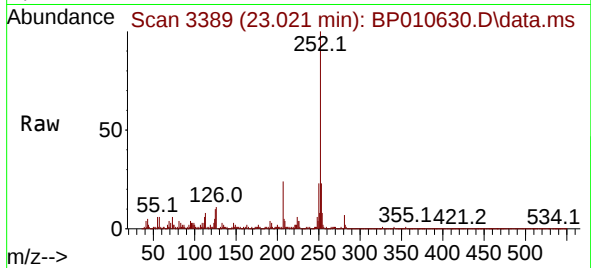




#88
Benzo(b)fluoranthene
Concen: 21.822 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

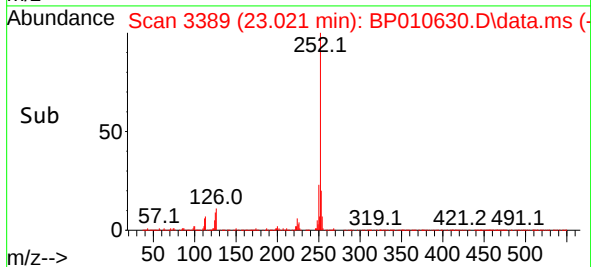
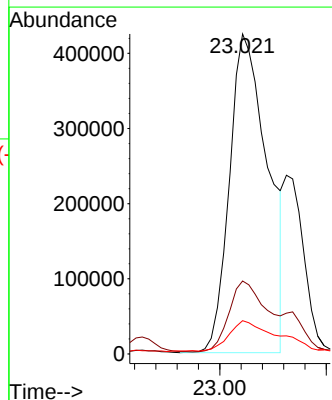
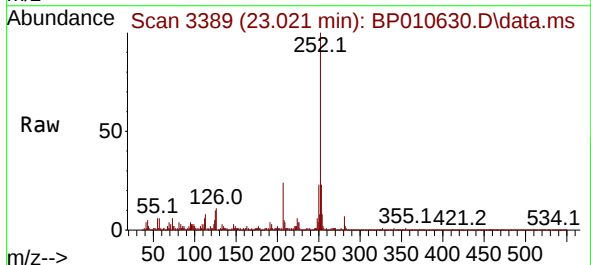
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

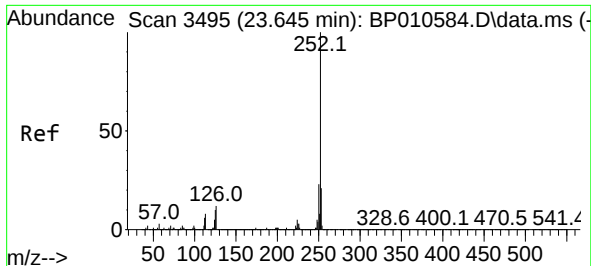
Tgt Ion:252 Resp: 1057058
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.4 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 21.527 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.047 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:252 Resp: 1057058
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 10.4 7.0 10.4

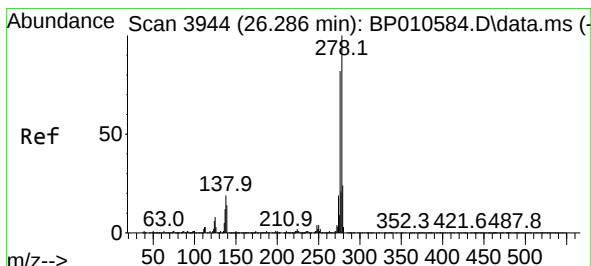
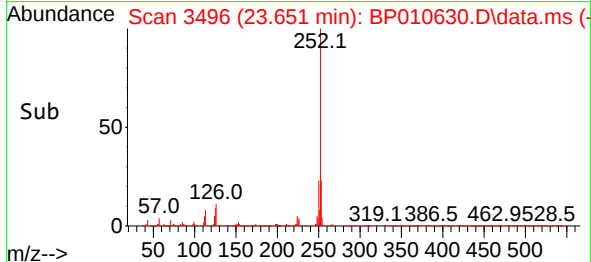
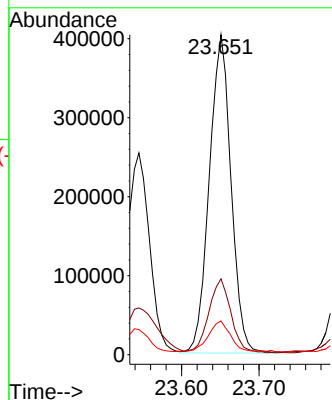
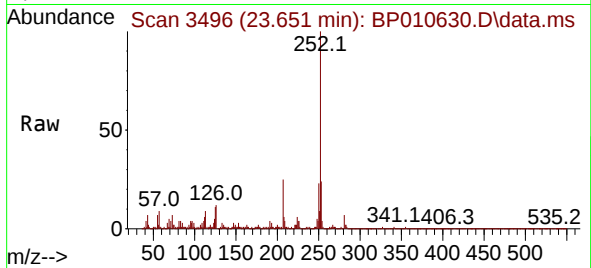




#90
Benzo(a)pyrene
Concen: 19.610 ng
RT: 23.651 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

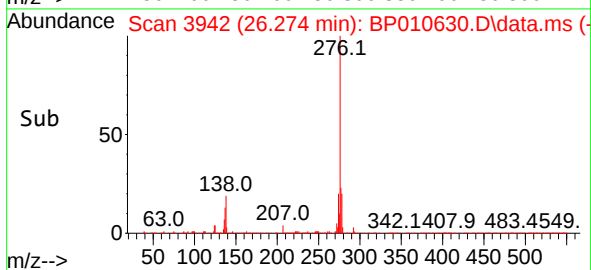
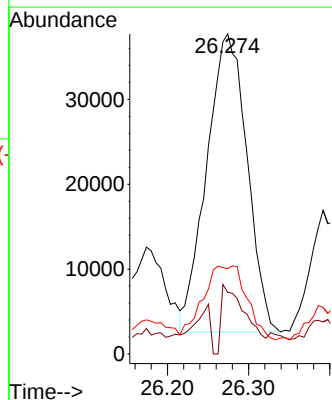
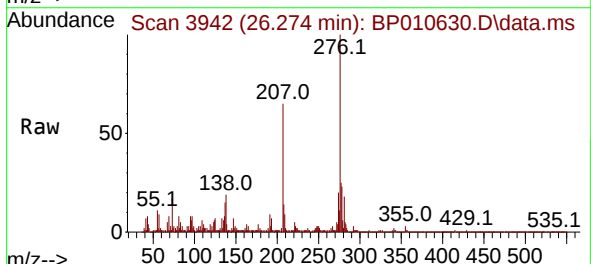
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

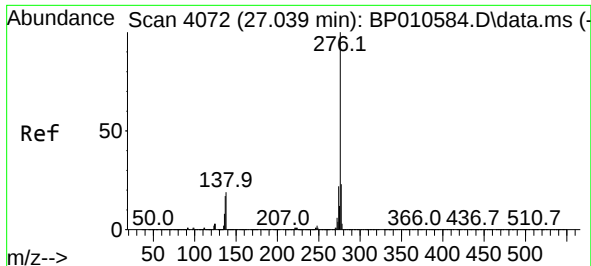
Tgt Ion:252 Resp: 785707
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 10.6 7.9 11.9



#91
Dibenzo(a,h)anthracene
Concen: 2.587 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.012 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

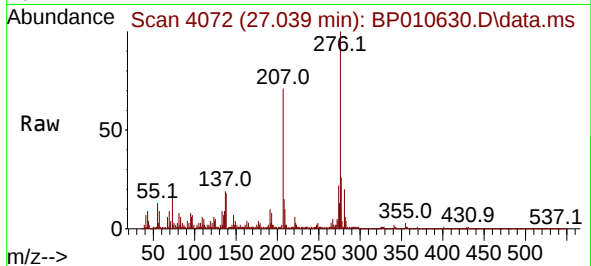
Tgt Ion:278 Resp: 121337
Ion Ratio Lower Upper
278 100
139 19.2 11.4 17.0#
279 26.7 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 11.126 ng
 RT: 27.039 min Scan# 4072
 Delta R.T. -0.000 min
 Lab File: BP010630.D
 Acq: 29 May 2022 21:25

Instrument :
 BNA_P
 ClientSampleId :
 TP-01-COMPDL



Tgt Ion:276 Resp: 518854

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.7	28.1
138	17.8	15.2	22.8

