

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009413.D
 Acq On : 15 Mar 2022 23:35
 Operator : CG/JU
 Sample : N1894-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP5(0-5)

Quant Time: Mar 16 01:59:17 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

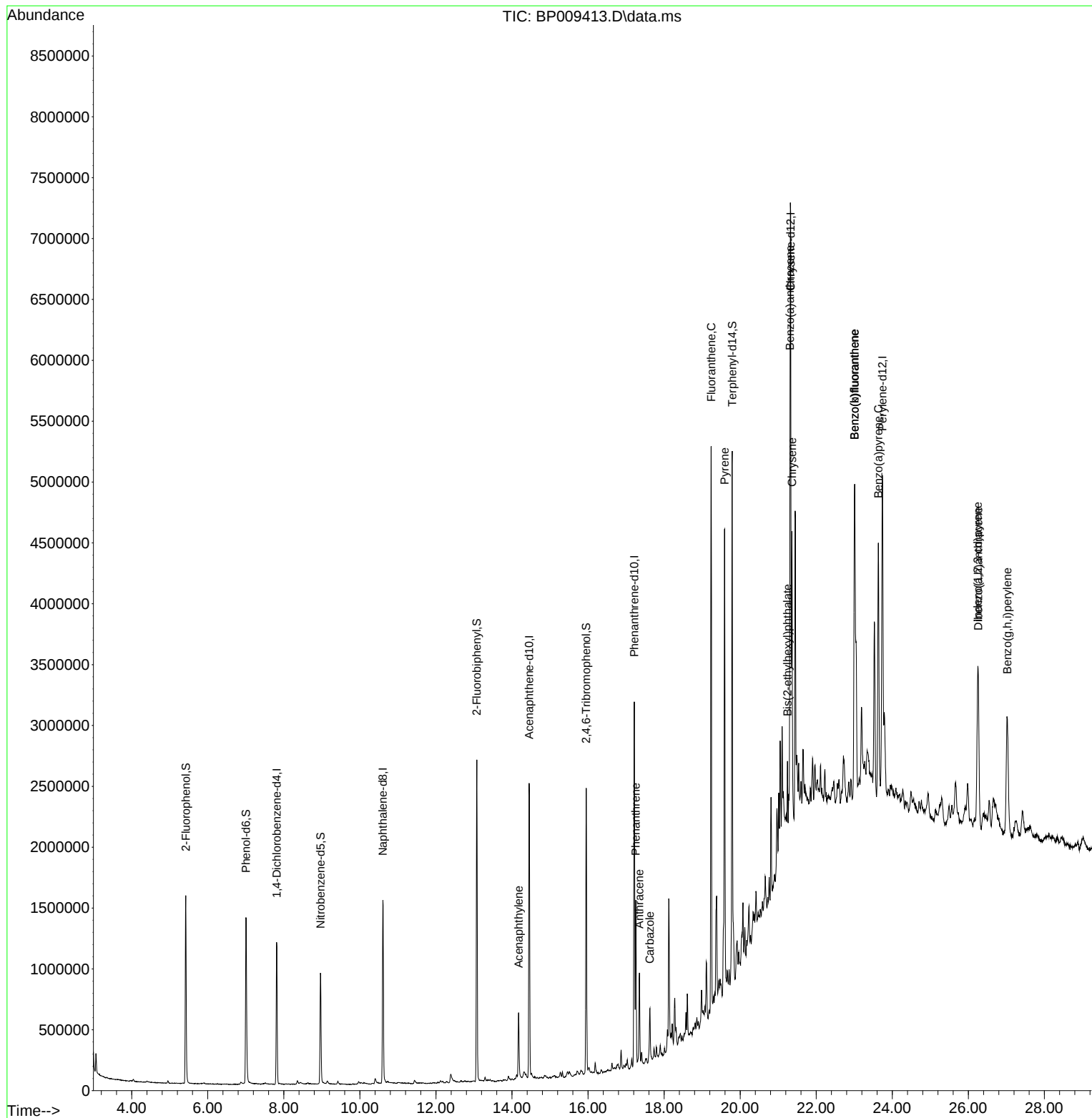
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	362848	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1454071	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	948882	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2006130	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1944606	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2143470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	800246	32.193	ng	0.01
7) Phenol-d6	7.005	99	976591	30.915	ng	0.02
23) Nitrobenzene-d5	8.963	82	627576	23.772	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	572983	50.008	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1558508	22.587	ng	-0.01
79) Terphenyl-d14	19.792	244	2372329	23.022	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.175	152	519659	5.732	ng	99
71) Phenanthrene	17.257	178	880346	7.636	ng	100
72) Anthracene	17.351	178	529583	4.615	ng	99
73) Carbazole	17.628	167	337994	3.232	ng	100
75) Fluoranthene	19.239	202	3084914	23.182	ng	97
78) Pyrene	19.592	202	2506517	19.091	ng	100
81) Benzo(a)anthracene	21.310	228	1674900	12.707	ng	95
83) Chrysene	21.363	228	1494725	11.680	ng	97
84) Bis(2-ethylhexyl)phtha...	21.245	149	223884	2.954	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.251	276	1550067	9.308	ng	# 91
88) Benzo(b)fluoranthene	23.010	252	3348615	23.138	ng	98
89) Benzo(k)fluoranthene	23.010	252	3348723	24.220	ng	97
90) Benzo(a)pyrene	23.633	252	1627303	11.855	ng	96
91) Dibenzo(a,h)anthracene	26.262	278	389516	2.758	ng	# 90
92) Benzo(g,h,i)perylene	27.027	276	1522310	10.912	ng	# 94

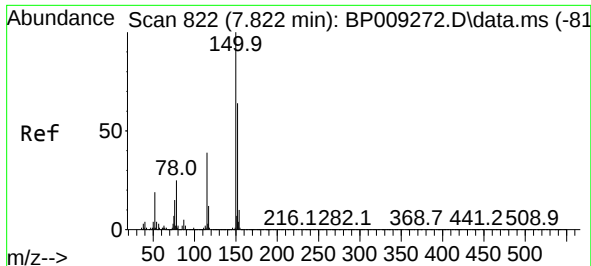
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009413.D
Acq On : 15 Mar 2022 23:35
Operator : CG/JU
Sample : N1894-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

Quant Time: Mar 16 01:59:17 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

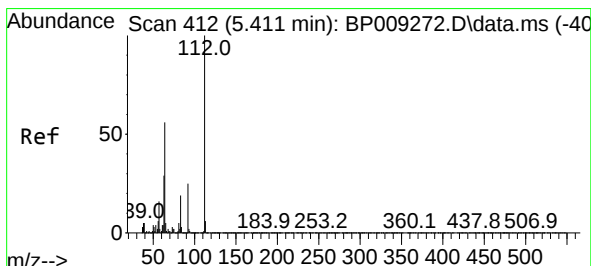
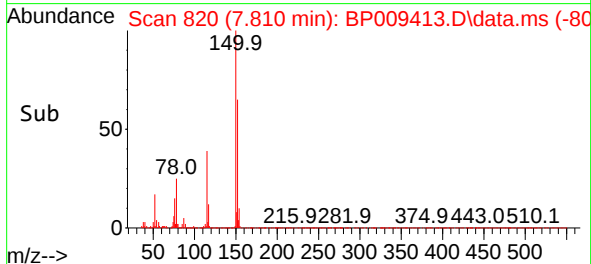
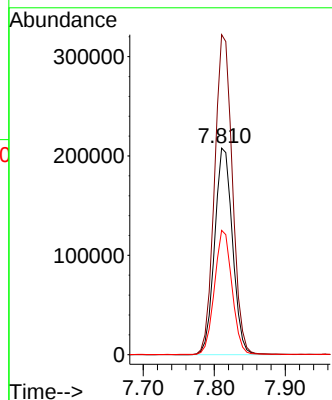
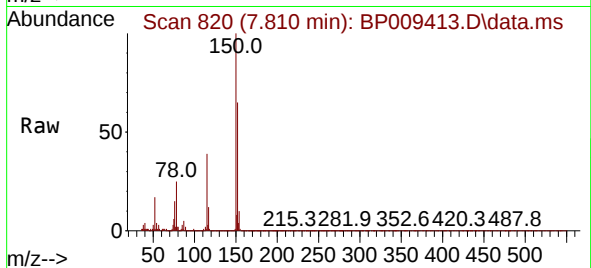




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.810 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

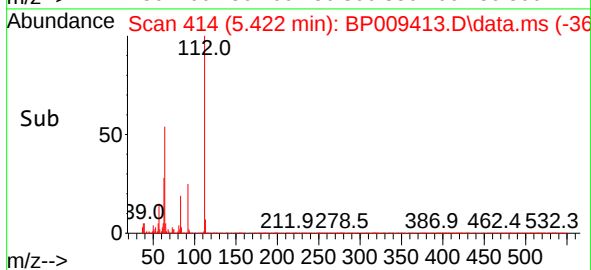
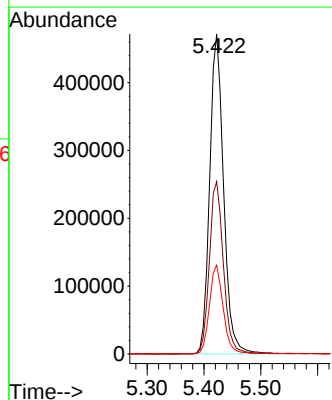
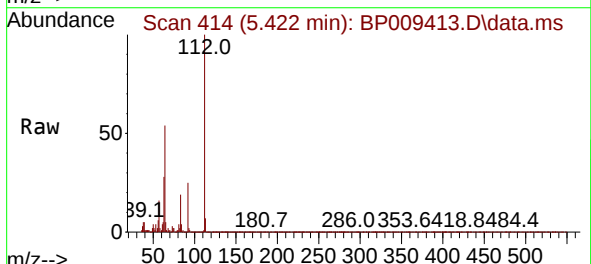
Instrument :
 BNA_P
 ClientSampleId :
 TP5(0-5)

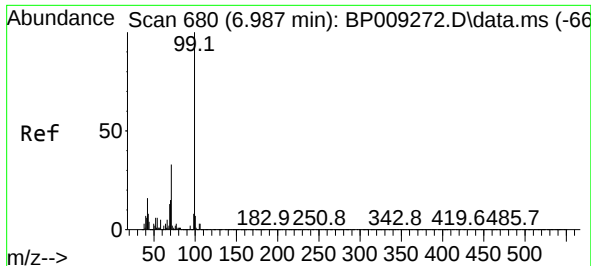
Tgt Ion:152 Resp: 362848
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.5 186.7
 115 60.2 48.2 72.4



#5
 2-Fluorophenol
 Concen: 32.193 ng
 RT: 5.422 min Scan# 414
 Delta R.T. 0.011 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

Tgt Ion:112 Resp: 800246
 Ion Ratio Lower Upper
 112 100
 64 53.9 45.0 67.4
 63 27.8 23.0 34.6

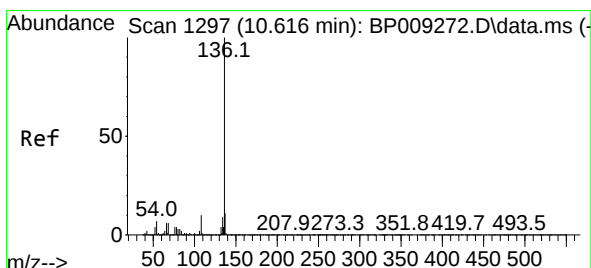
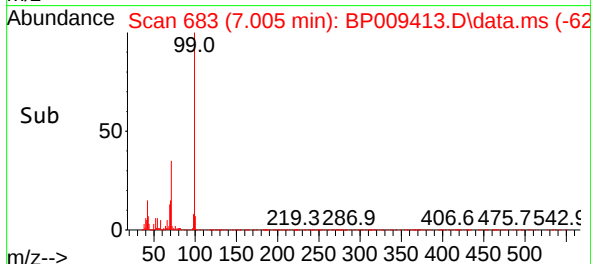
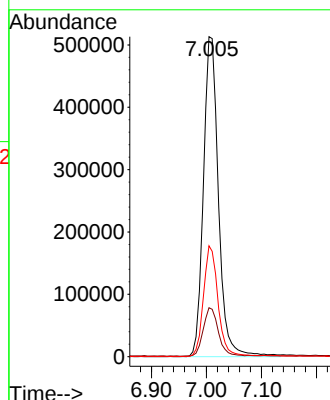
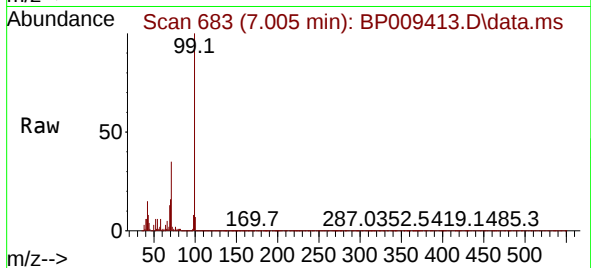




#7
Phenol-d6
Concen: 30.915 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

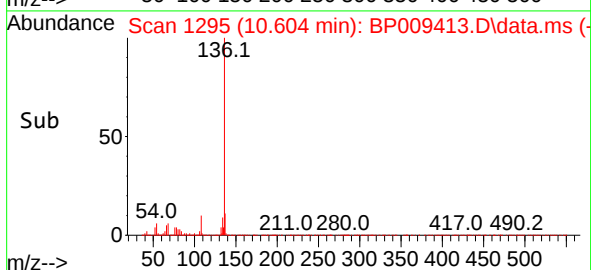
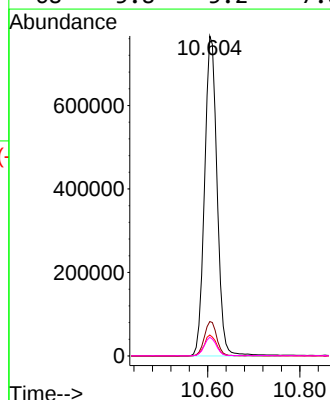
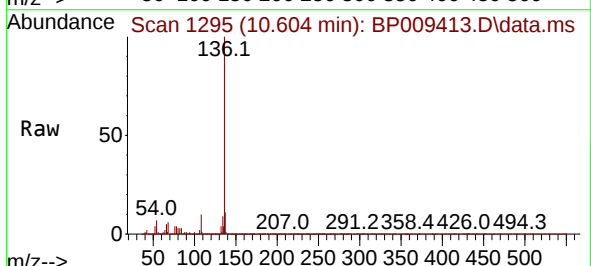
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

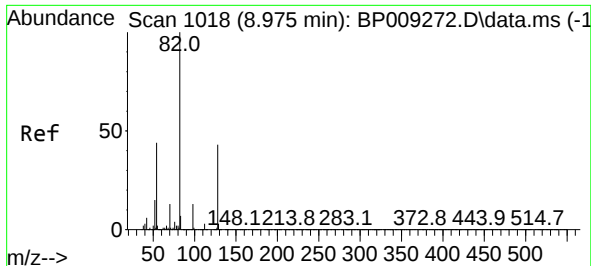
Tgt Ion: 99 Resp: 976591
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 34.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion: 136 Resp: 1454071
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.5 5.8 8.8
68 5.8 5.2 7.8

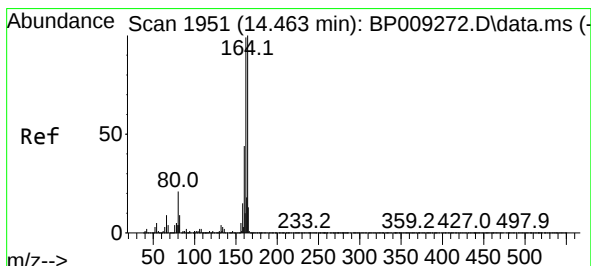
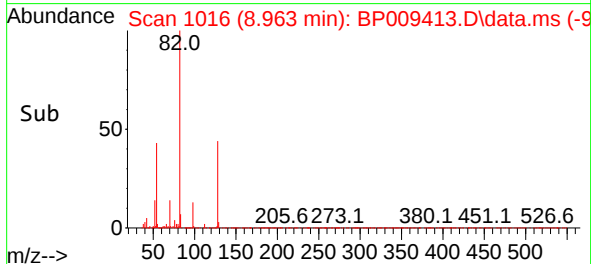
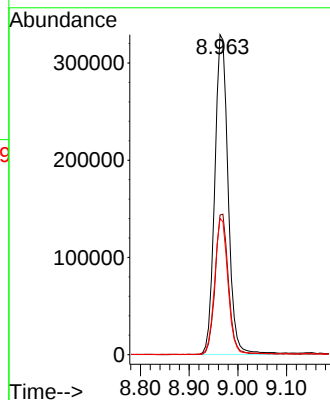
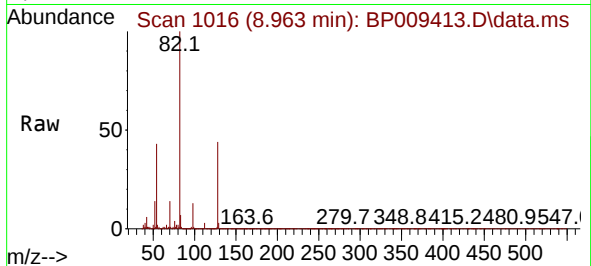




#23
Nitrobenzene-d5
Concen: 23.772 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

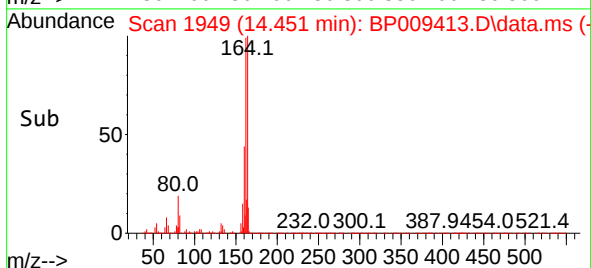
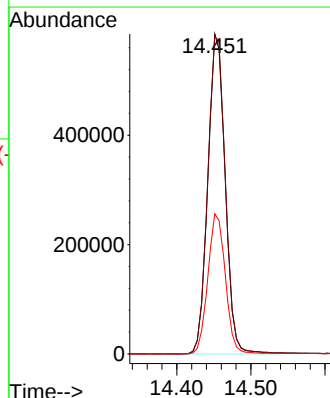
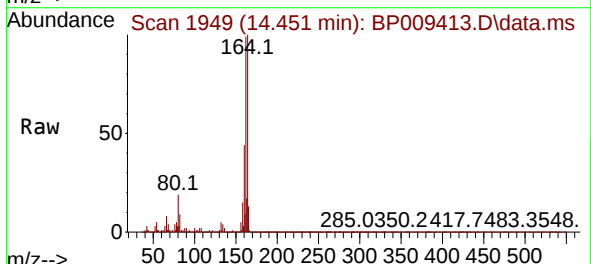
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

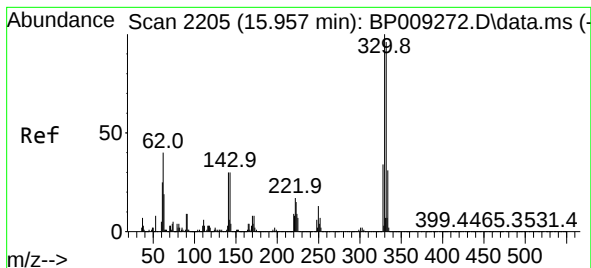
Tgt Ion: 82 Resp: 627576
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 42.6 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion:164 Resp: 948882
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 50.008 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_P

ClientSampleId :

TP5(0-5)

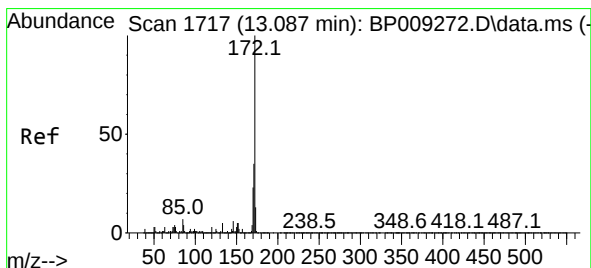
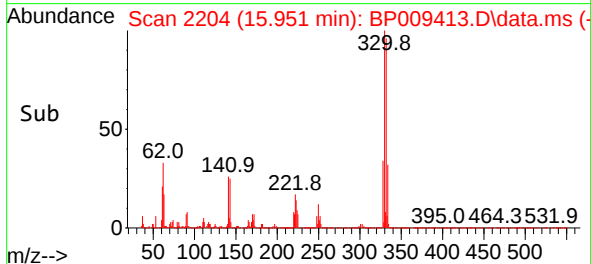
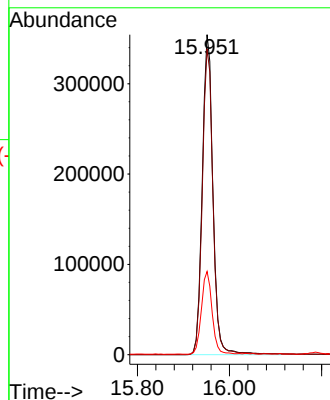
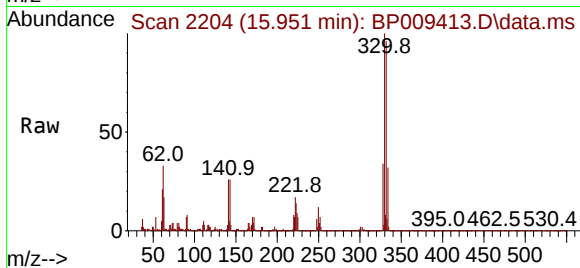
Tgt Ion:330 Resp: 572983

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 25.8 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 22.587 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

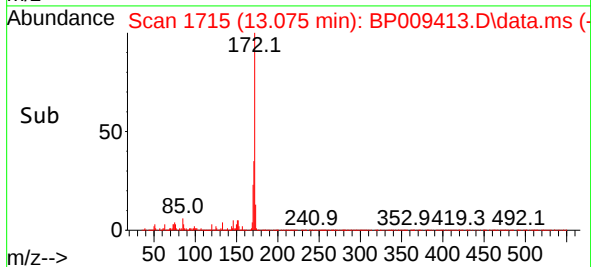
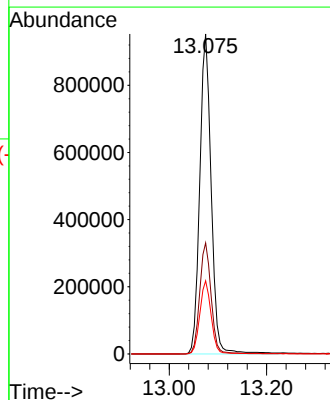
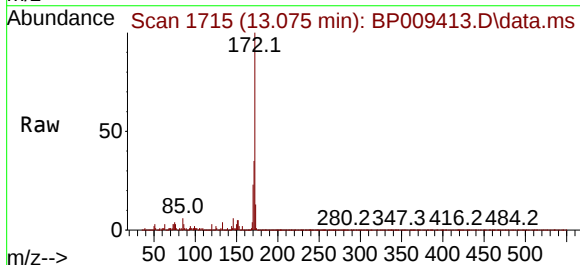
Tgt Ion:172 Resp: 1558508

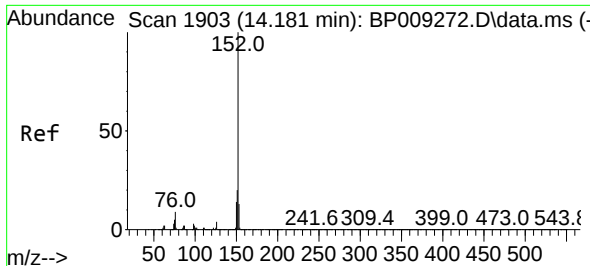
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 22.9 18.6 27.8

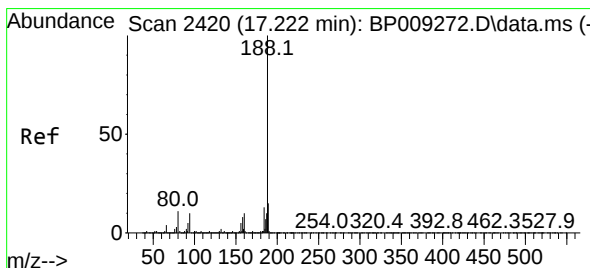
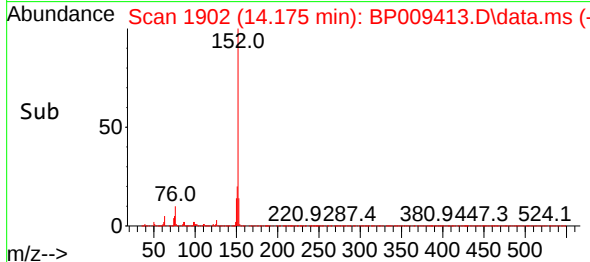
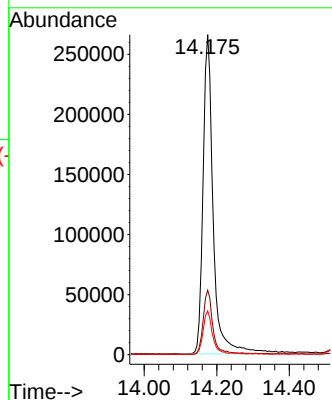
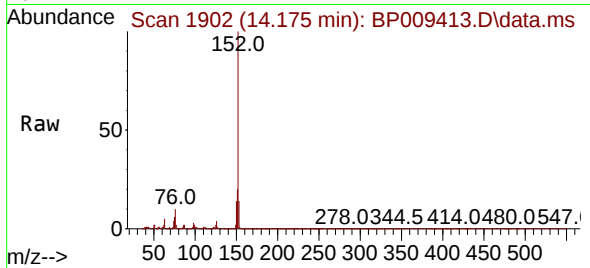




#49
Acenaphthylene
Concen: 5.732 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

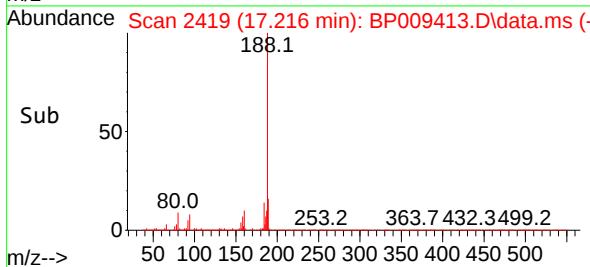
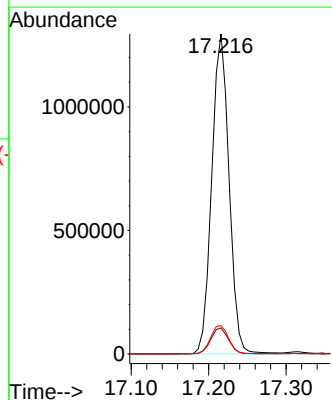
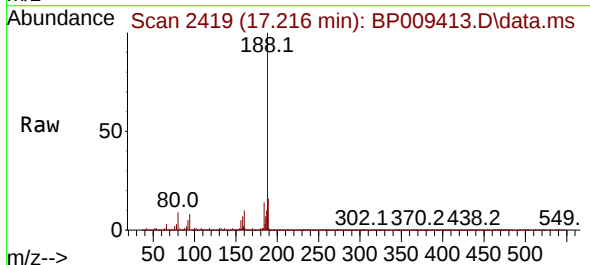
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

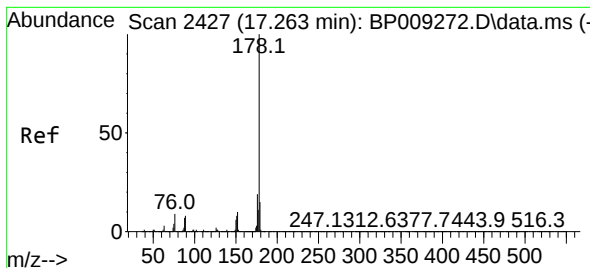
Tgt Ion:152 Resp: 519659
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.6 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion:188 Resp: 2006130
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 8.9 8.8 13.2





#71

Phenanthrene

Concen: 7.636 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_P

ClientSampleId :

TP5(0-5)

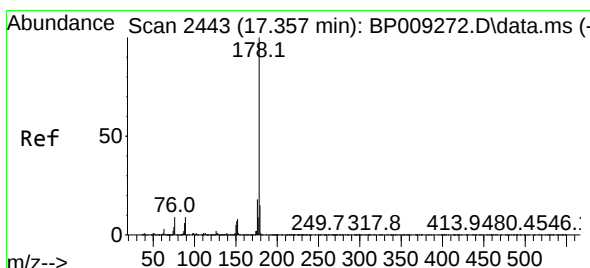
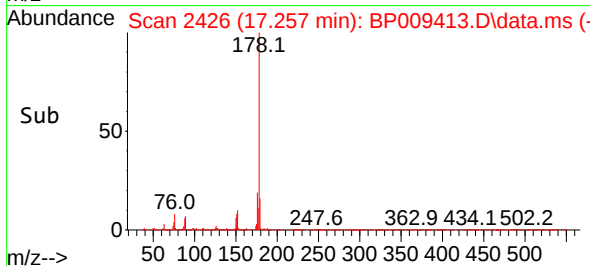
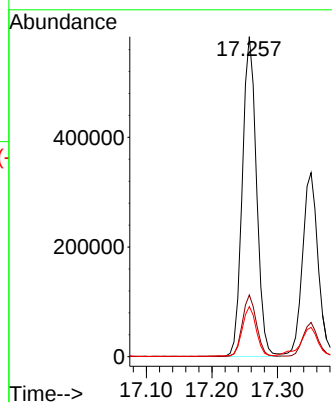
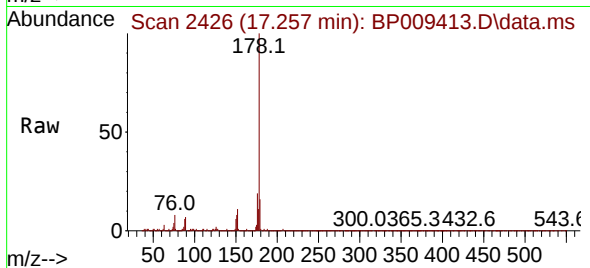
Tgt Ion:178 Resp: 880346

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.3 18.5



#72

Anthracene

Concen: 4.615 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

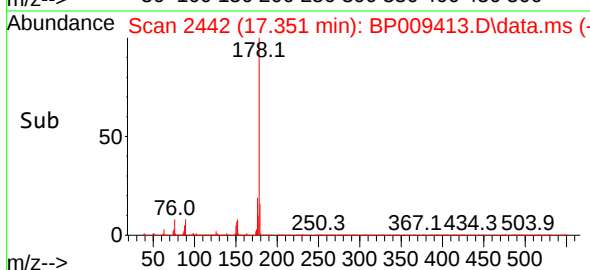
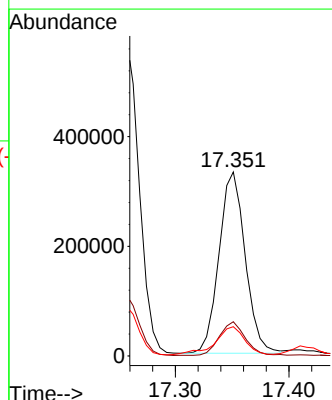
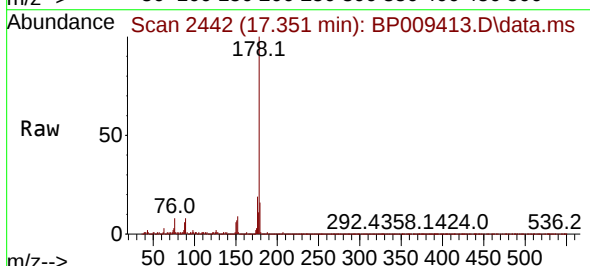
Tgt Ion:178 Resp: 529583

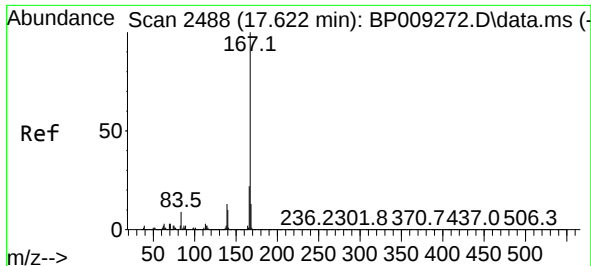
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.9 12.2 18.4

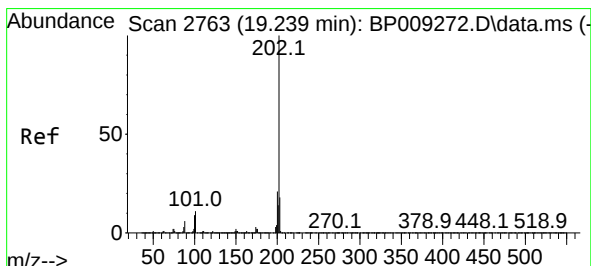
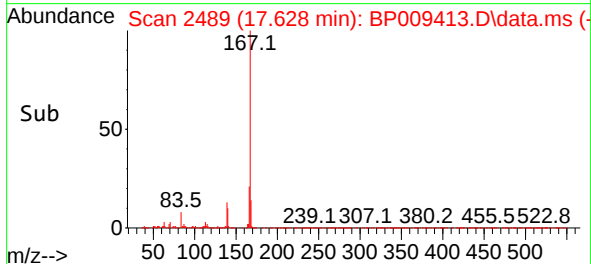
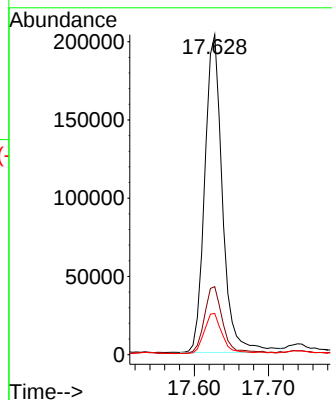
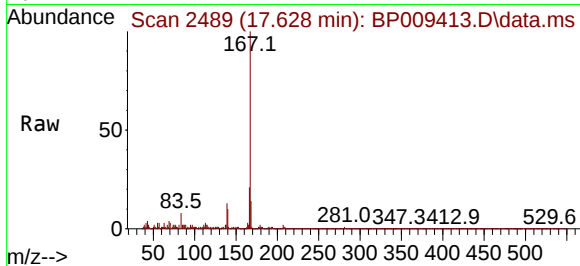




#73
 Carbazole
 Concen: 3.232 ng
 RT: 17.628 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

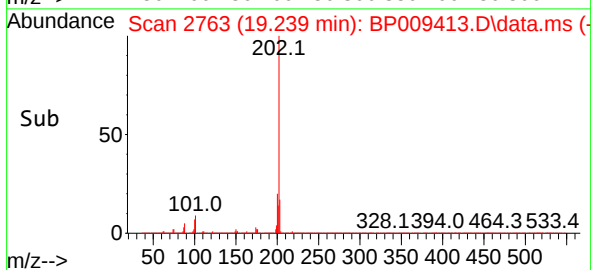
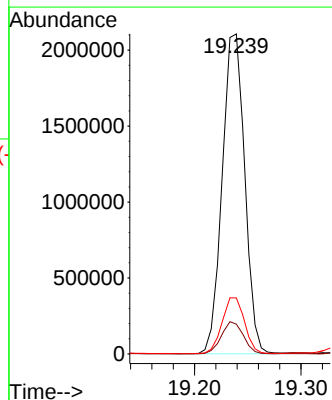
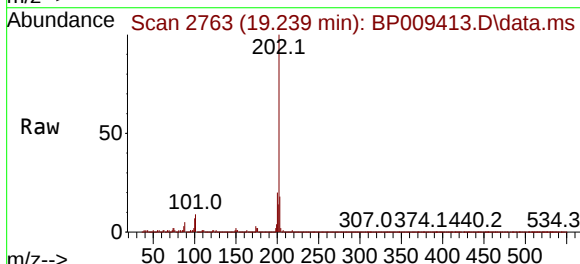
Instrument :
 BNA_P
 ClientSampleId :
 TP5(0-5)

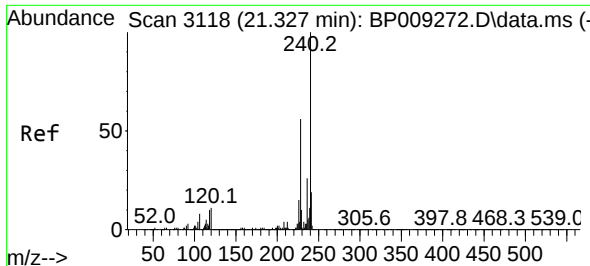
Tgt Ion:167 Resp: 337994
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 10.3 15.5



#75
 Fluoranthene
 Concen: 23.182 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

Tgt Ion:202 Resp: 3084914
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 31.5
 203 17.5 0.0 37.8

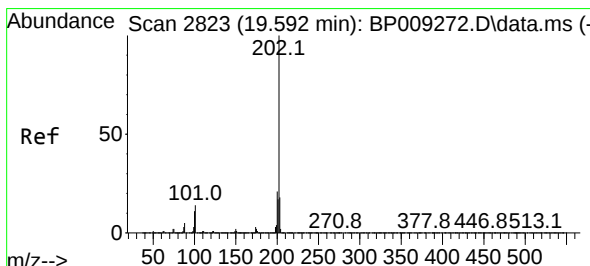
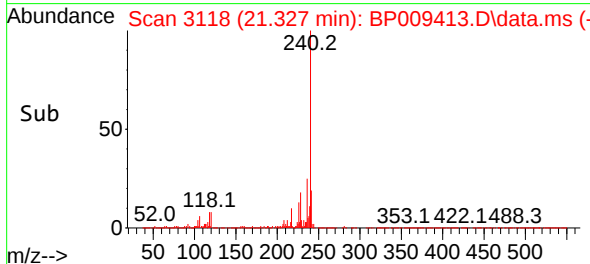
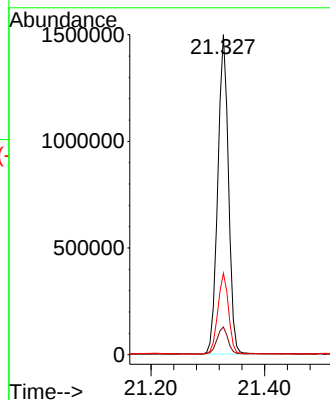
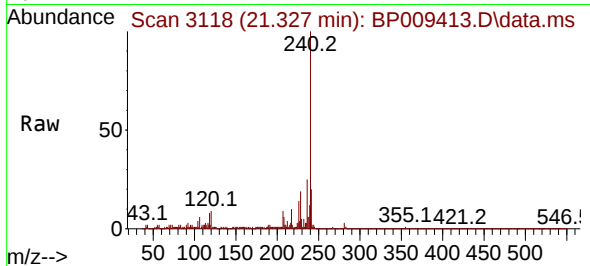




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

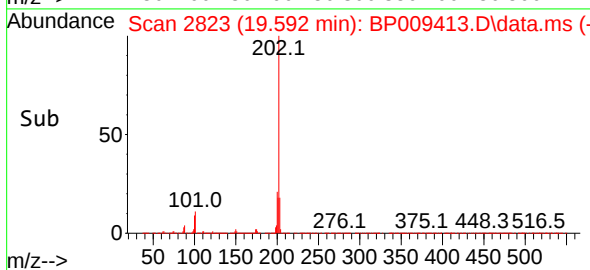
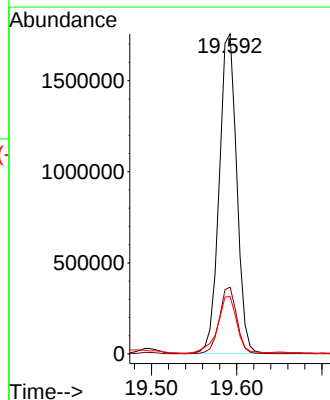
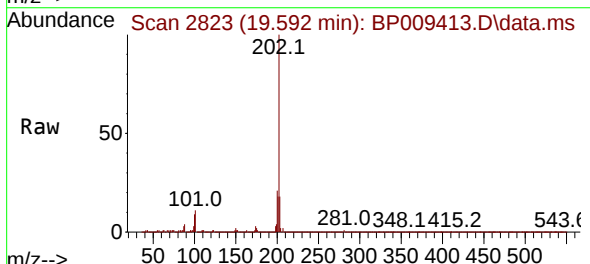
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

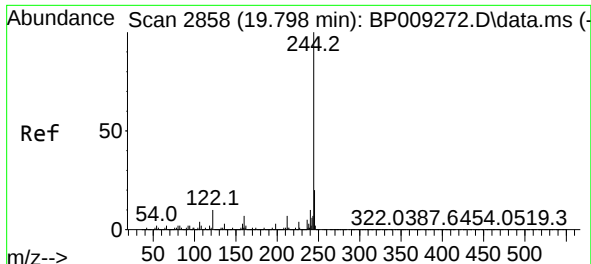
Tgt Ion:240 Resp: 1944606
Ion Ratio Lower Upper
240 100
120 8.6 9.0 13.4#
236 25.5 20.6 30.8



#78
Pyrene
Concen: 19.091 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion:202 Resp: 2506517
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.0 14.2 21.4

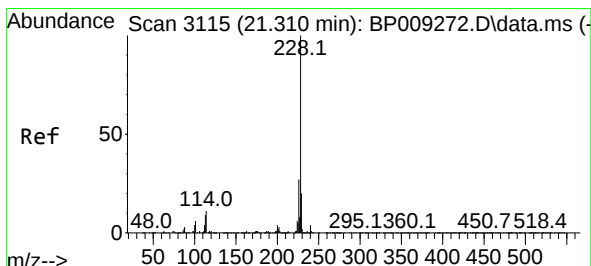
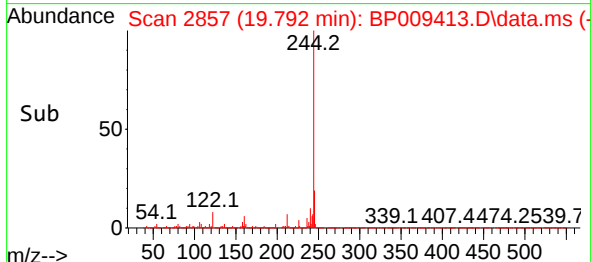
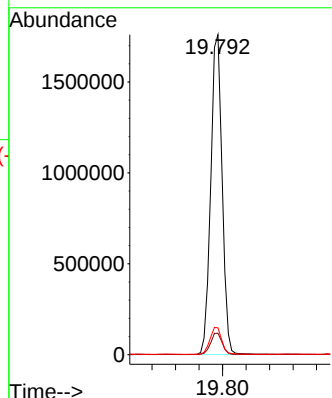
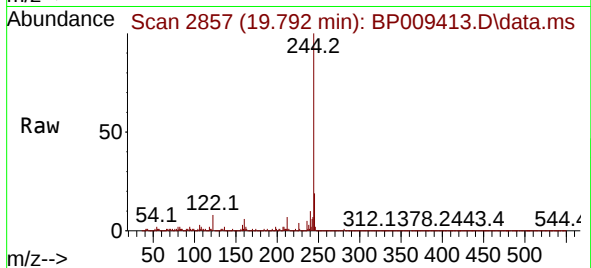




#79
 Terphenyl-d14
 Concen: 23.022 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

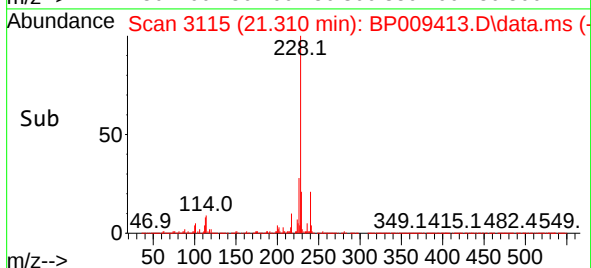
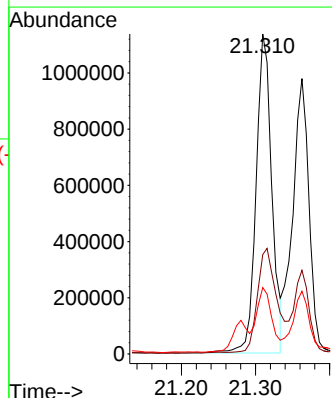
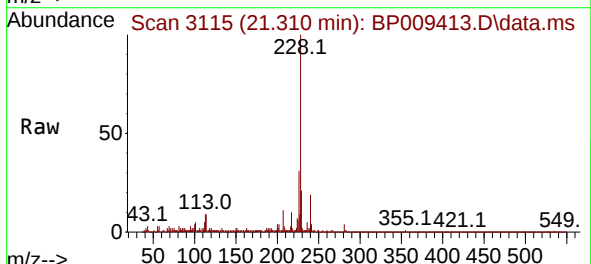
Instrument :
 BNA_P
 ClientSampleId :
 TP5(0-5)

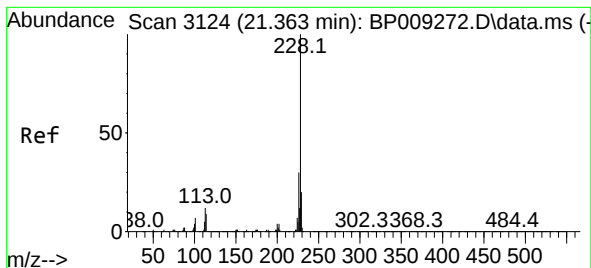
Tgt Ion:244 Resp: 2372329
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 8.4 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 12.707 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP009413.D
 Acq: 15 Mar 2022 23:35

Tgt Ion:228 Resp: 1674900
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.0 33.0
 229 20.8 16.1 24.1





#83

Chrysene

Concen: 11.680 ng

RT: 21.363 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_P

ClientSampleId :

TP5(0-5)

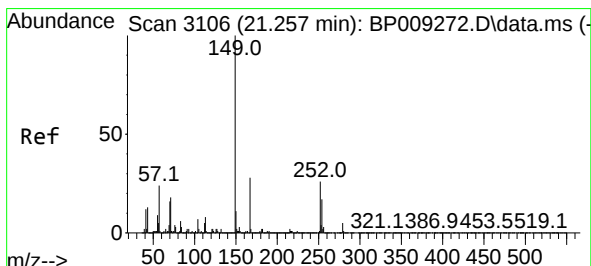
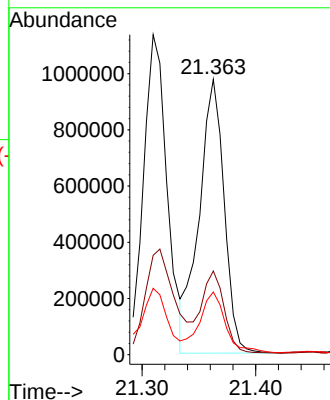
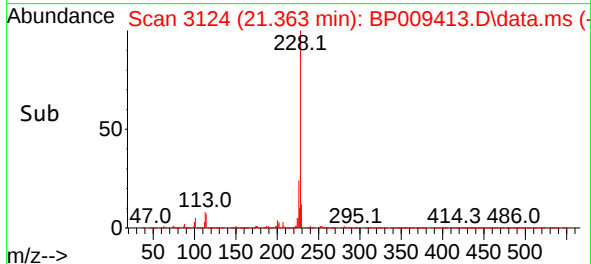
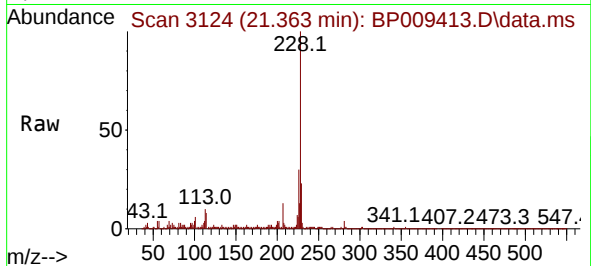
Tgt Ion:228 Resp: 1494725

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 22.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.954 ng

RT: 21.245 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

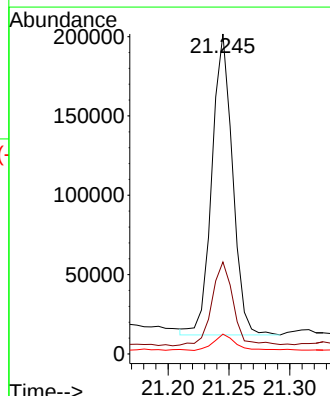
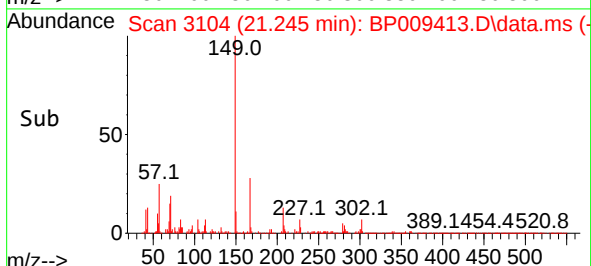
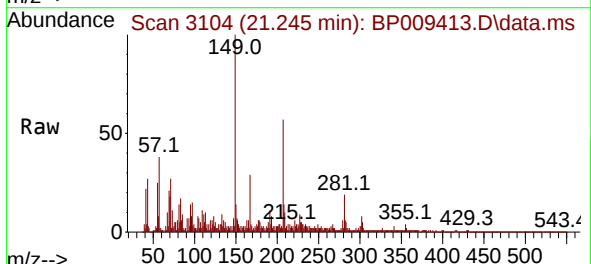
Tgt Ion:149 Resp: 223884

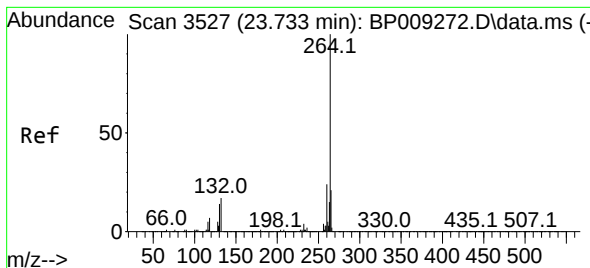
Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

279 6.2 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3527

Delta R.T. 0.006 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_P

ClientSampleId :

TP5(0-5)

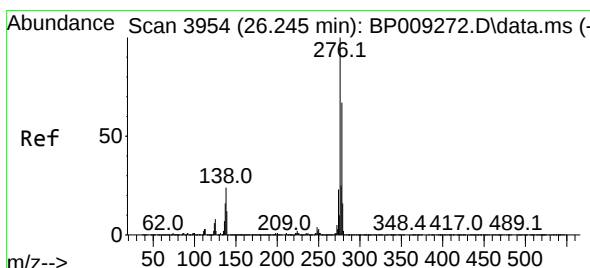
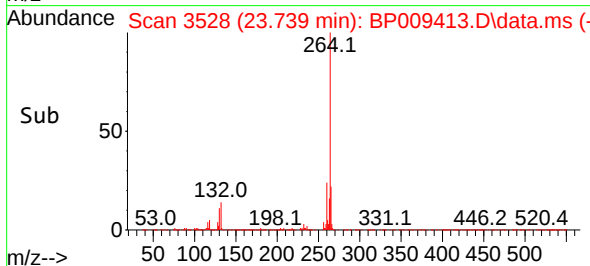
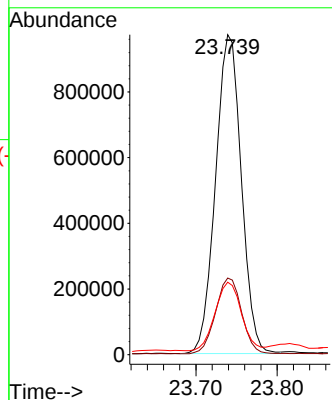
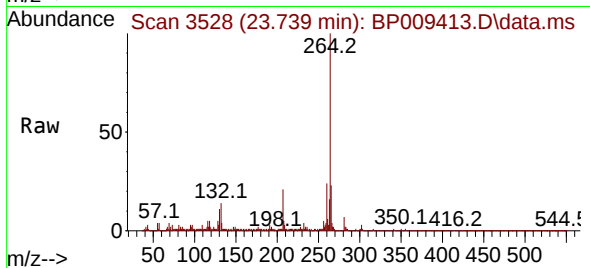
Tgt Ion:264 Resp: 2143470

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.7 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.308 ng

RT: 26.251 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP009413.D

Acq: 15 Mar 2022 23:35

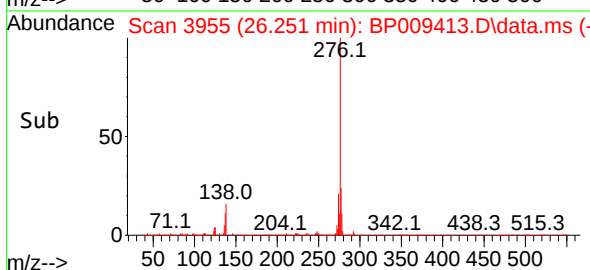
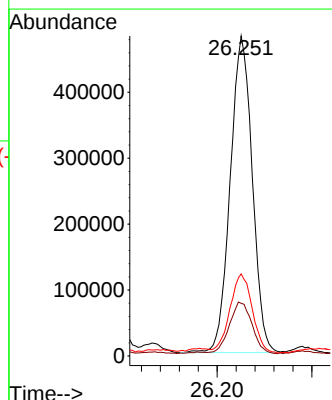
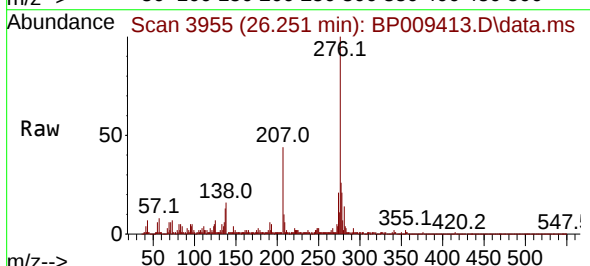
Tgt Ion:276 Resp: 1550067

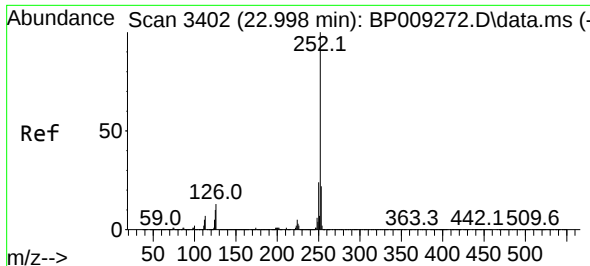
Ion Ratio Lower Upper

276 100

138 16.8 20.5 30.7#

277 25.3 20.4 30.6

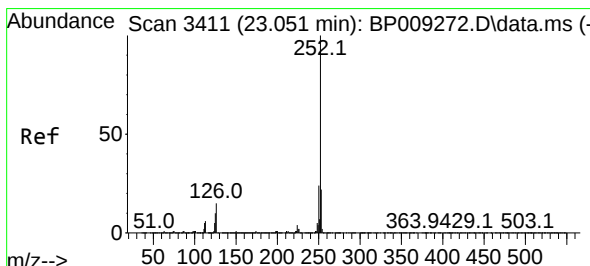
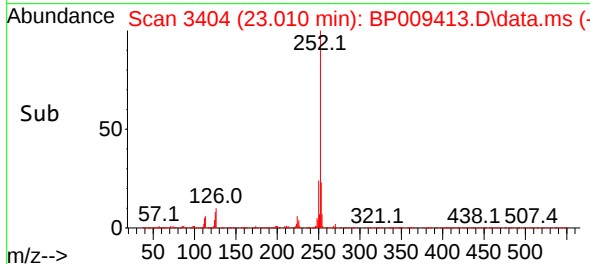
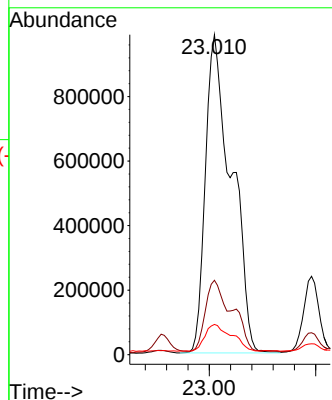
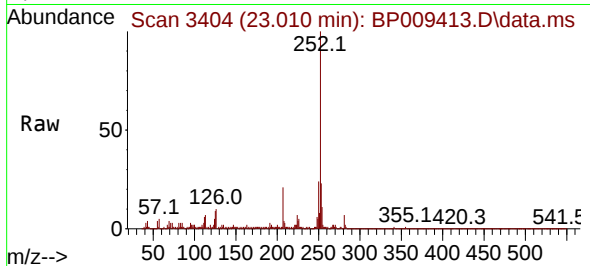




#88
Benzo(b)fluoranthene
Concen: 23.138 ng
RT: 23.010 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

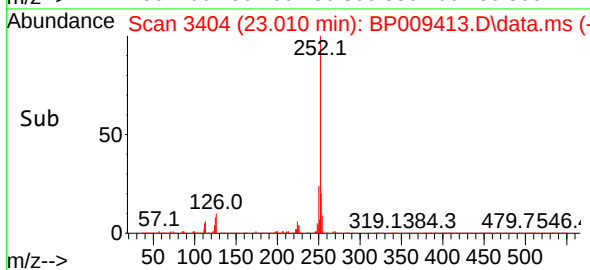
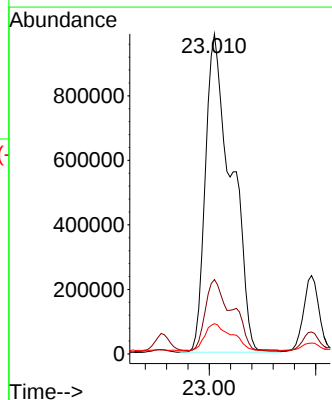
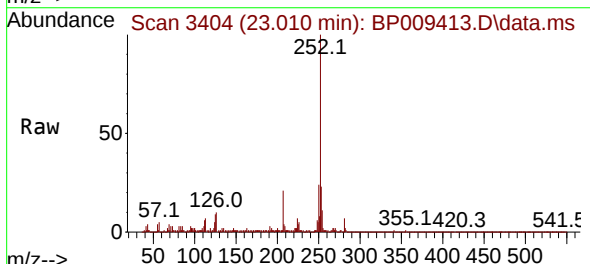
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

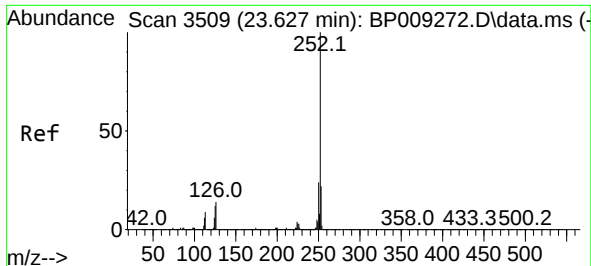
Tgt Ion:252 Resp: 3348615
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.5 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 24.220 ng
RT: 23.010 min Scan# 3404
Delta R.T. -0.041 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion:252 Resp: 3348723
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.5 8.3 12.5

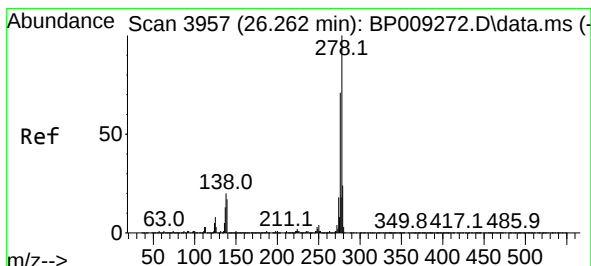
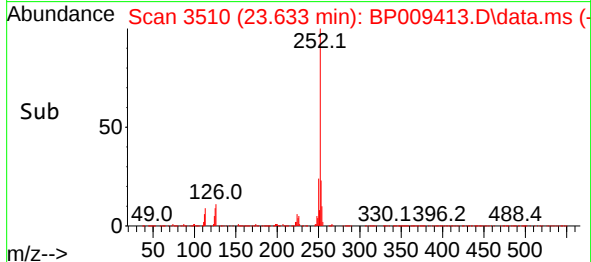
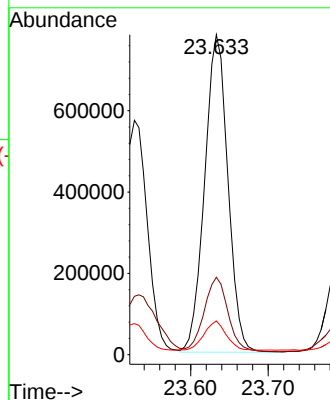
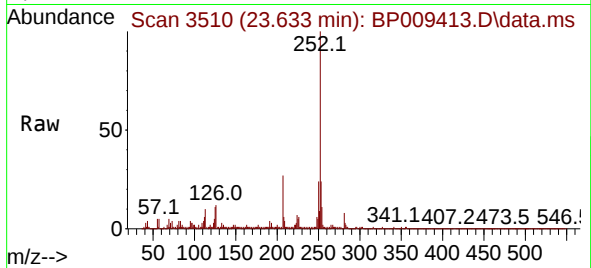




#90
Benzo(a)pyrene
Concen: 11.855 ng
RT: 23.633 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

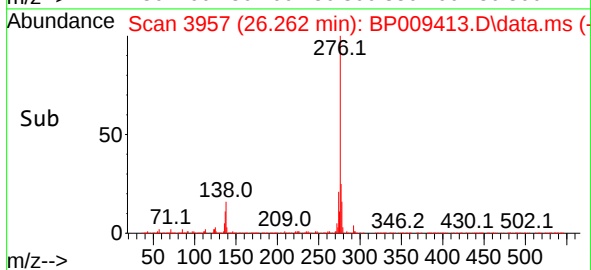
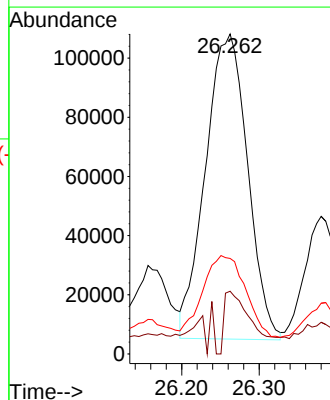
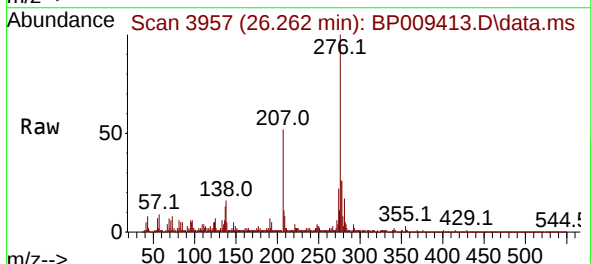
Instrument :
BNA_P
ClientSampleId :
TP5(0-5)

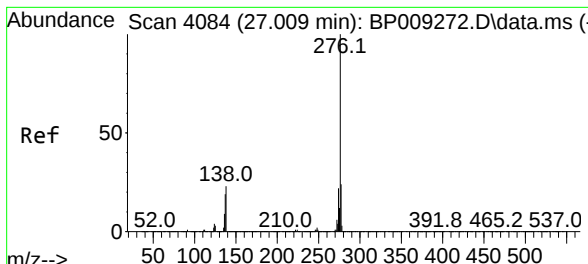
Tgt Ion:252 Resp: 1627303
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 10.6 9.3 13.9



#91
Dibenzo(a,h)anthracene
Concen: 2.758 ng
RT: 26.262 min Scan# 3957
Delta R.T. -0.000 min
Lab File: BP009413.D
Acq: 15 Mar 2022 23:35

Tgt Ion:278 Resp: 389516
Ion Ratio Lower Upper
278 100
139 19.6 13.2 19.8
279 29.8 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 10.912 ng

RT: 27.027 min Scan# 40

Delta R.T. 0.018 min

Lab File: BP009413.D

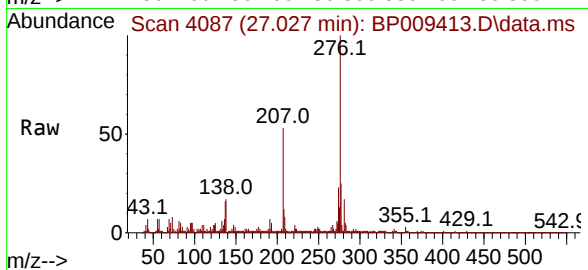
Acq: 15 Mar 2022 23:35

Instrument :

BNA_P

ClientSampleId :

TP5(0-5)



Tgt Ion:276 Resp: 1522310

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 17.1 18.0 27.0#

