

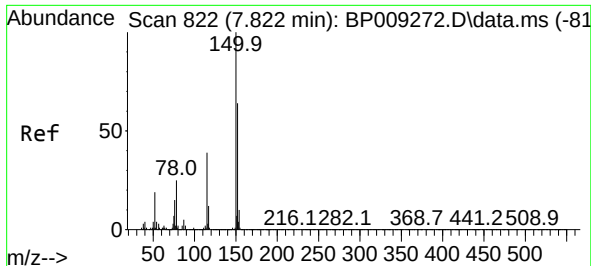
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009415.D
 Acq On : 16 Mar 2022 00:42
 Operator : CG/JU
 Sample : N1894-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP1(0-10)

Quant Time: Mar 16 01:59:42 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	408750	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1636692	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1070881	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2259908	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2205363	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	2506170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	880296	31.436	ng	0.01
7) Phenol-d6	7.010	99	1092003	30.687	ng	0.02
23) Nitrobenzene-d5	8.963	82	696761	23.448	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	618207	47.808	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1726812	22.175	ng	-0.01
79) Terphenyl-d14	19.792	244	2676009	22.899	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.175	152	435563	4.257	ng	99
71) Phenanthrene	17.257	178	1216139	9.364	ng	99
72) Anthracene	17.351	178	548656	4.244	ng	99
73) Carbazole	17.628	167	290466	2.466	ng	99
75) Fluoranthene	19.239	202	3250461	21.683	ng	98
78) Pyrene	19.592	202	2931761	19.689	ng	99
80) Butylbenzylphthalate	20.474	149	203107	3.779	ng	97
81) Benzo(a)anthracene	21.310	228	1788430	11.964	ng	96
83) Chrysene	21.363	228	1597261	11.006	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	14848332	172.741	ng	# 92
85) Di-n-octyl phthalate	22.180	149	5214399	37.052	ng	# 97
87) Indeno(1,2,3-cd)pyrene	26.256	276	1554896	7.985	ng	# 91
88) Benzo(b)fluoranthene	23.010	252	3365595	19.890	ng	98
89) Benzo(k)fluoranthene	23.010	252	3365595	20.819	ng	97
90) Benzo(a)pyrene	23.633	252	1759146	10.961	ng	97
91) Dibenzo(a,h)anthracene	26.262	278	398726	2.415	ng	93
92) Benzo(g,h,i)perylene	27.027	276	1598205	9.798	ng	# 93

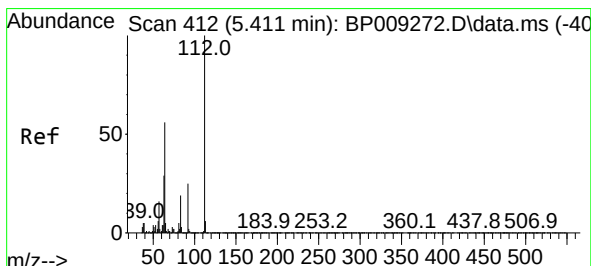
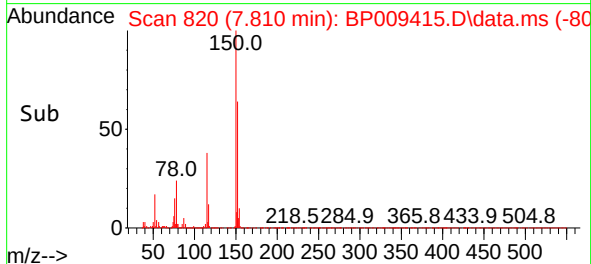
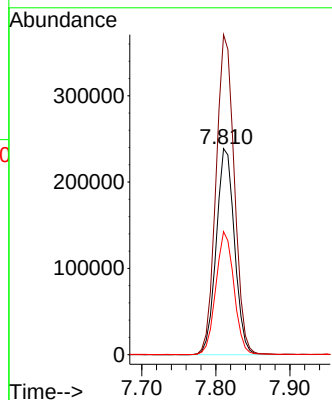
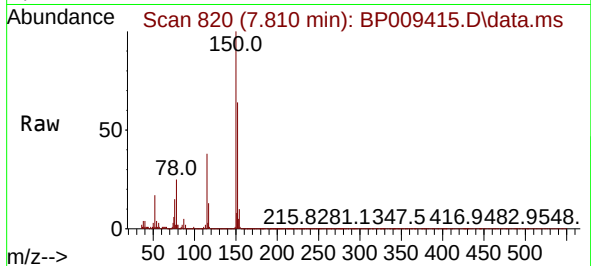
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

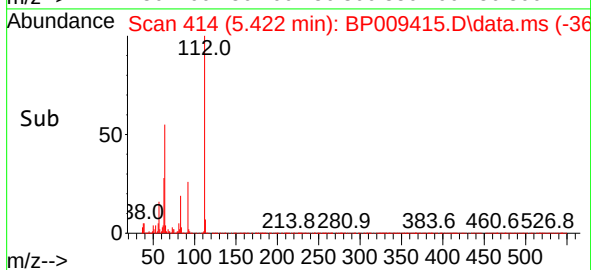
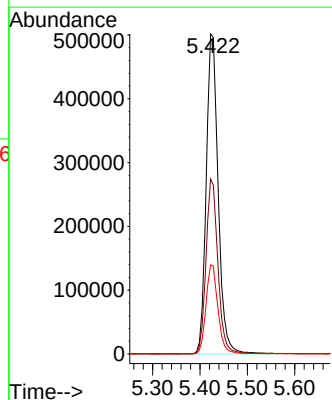
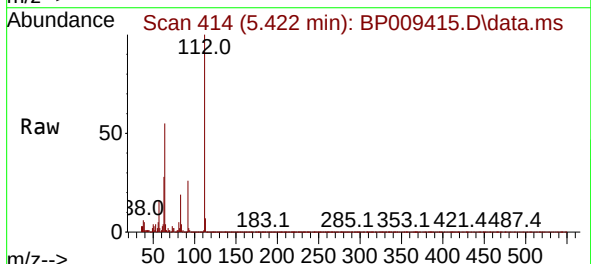
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BNA_P
ClientSampleId :
TP1(0-10)

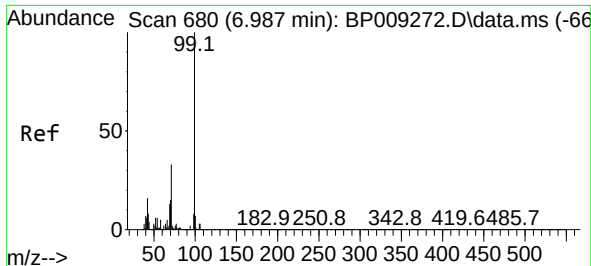
Tgt Ion:152 Resp: 408750
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 59.7 48.2 72.4



#5
2-Fluorophenol
Concen: 31.436 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:112 Resp: 880296
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 27.8 23.0 34.6

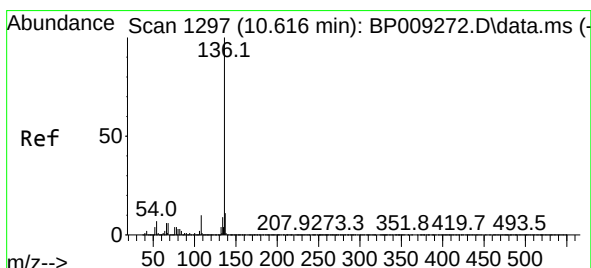
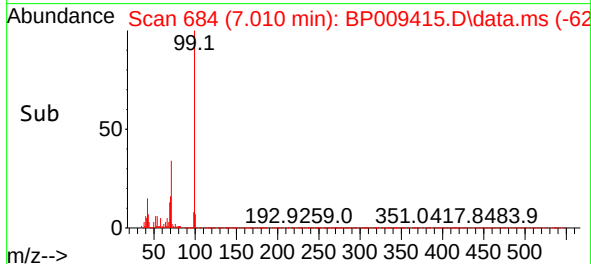
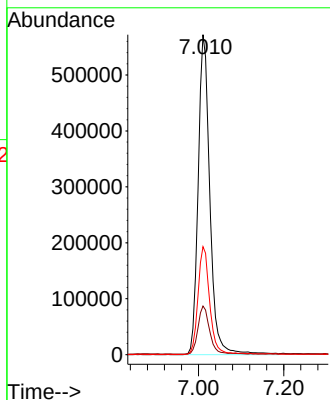
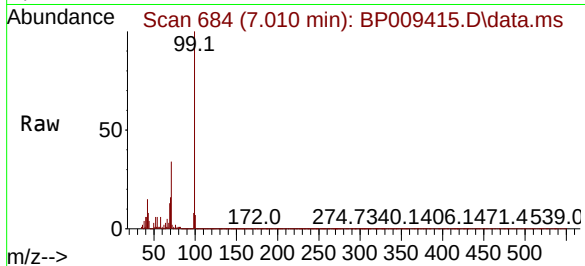




#7
Phenol-d6
Concen: 30.687 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

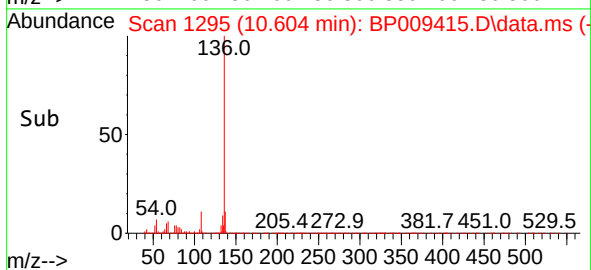
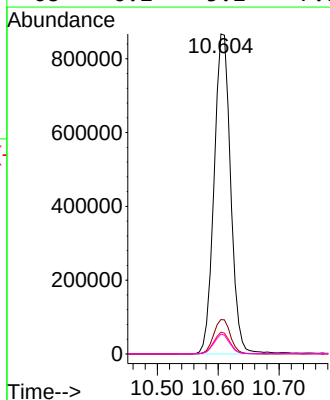
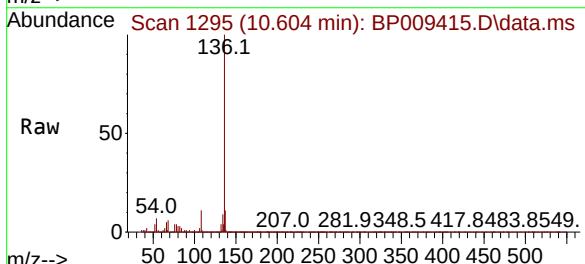
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

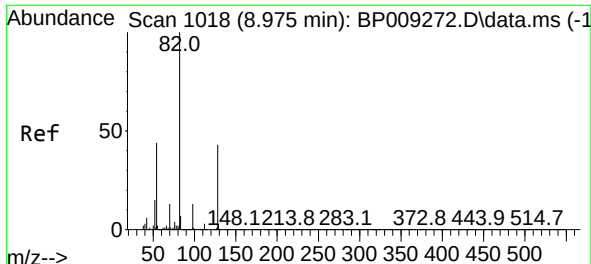
Tgt Ion: 99 Resp: 1092003
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion: 136 Resp: 1636692
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.8 5.8 8.8
68 6.2 5.2 7.8

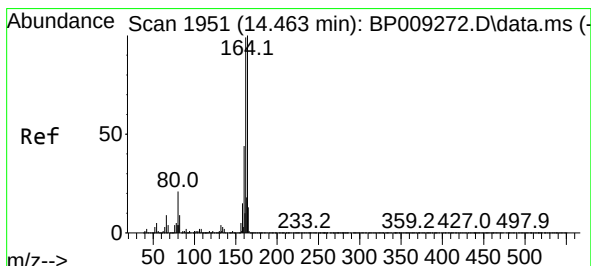
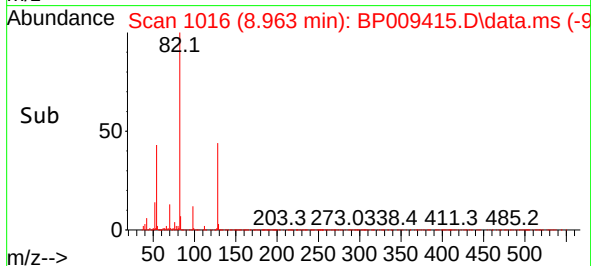
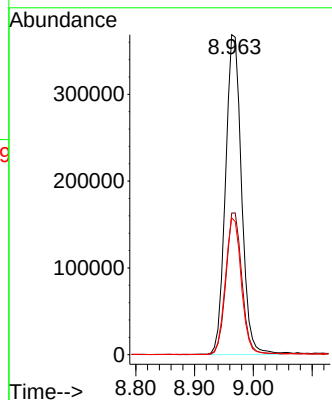
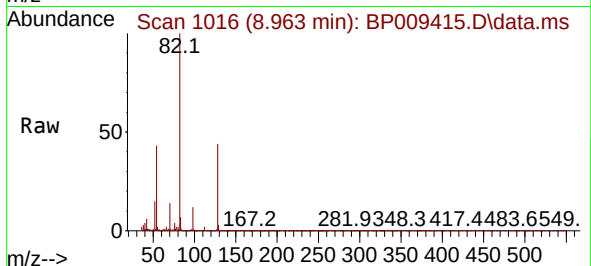




#23
Nitrobenzene-d5
Concen: 23.448 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

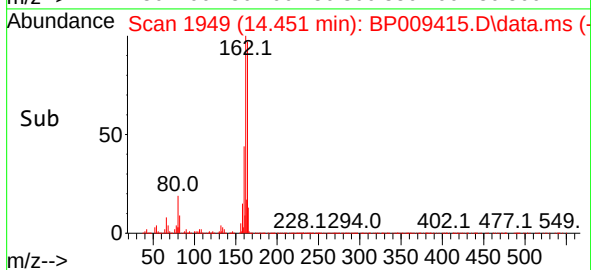
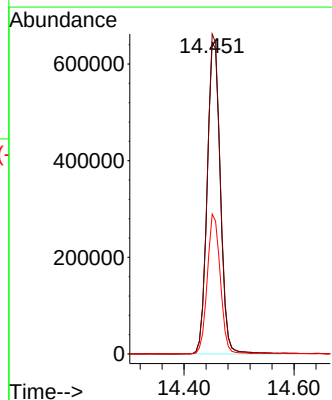
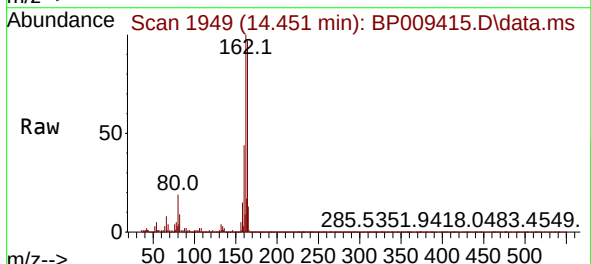
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BNA_P
ClientSampleId :
TP1(0-10)

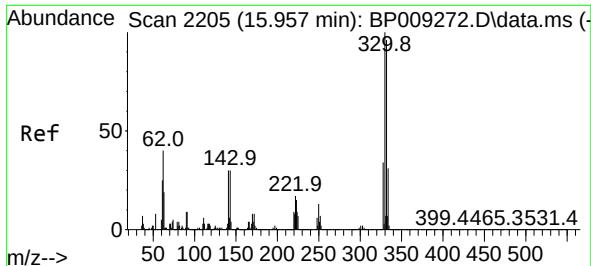
Tgt Ion: 82 Resp: 696761
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:164 Resp: 1070881
Ion Ratio Lower Upper
164 100
162 102.8 79.1 118.7
160 44.9 34.9 52.3

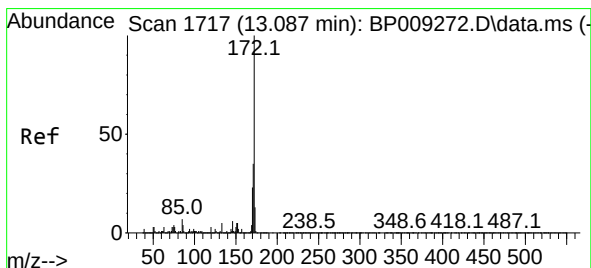
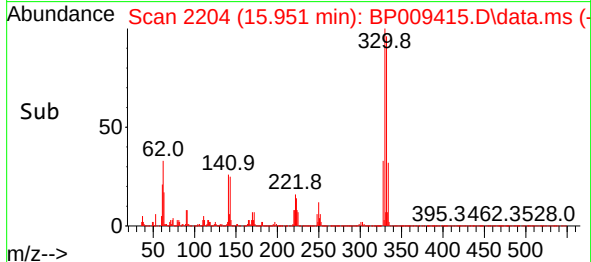
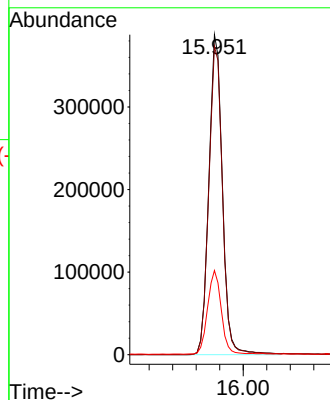
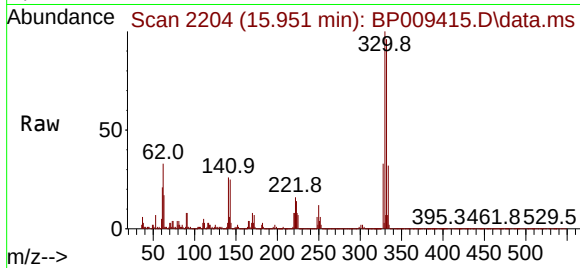




#42
2,4,6-Tribromophenol
Concen: 47.808 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

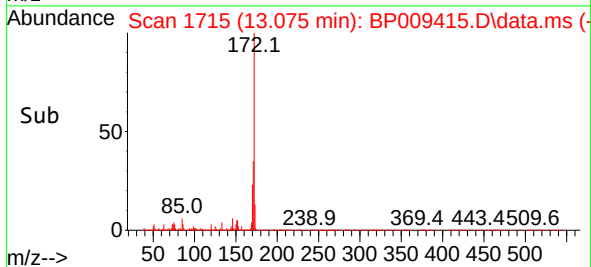
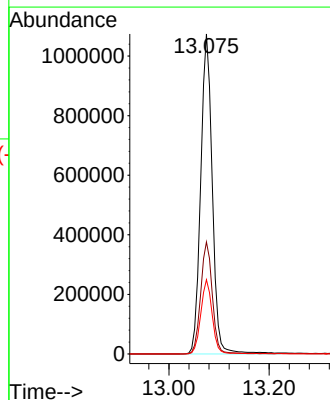
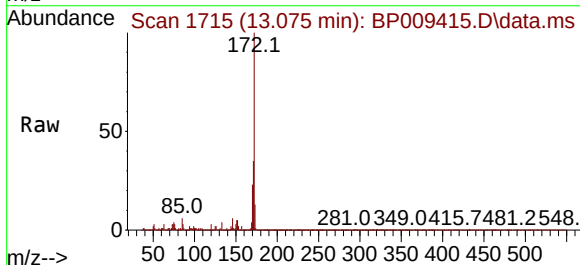
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

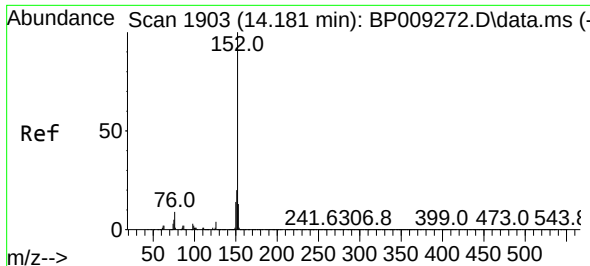
Tgt Ion:330 Resp: 618207
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 26.6 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 22.175 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:172 Resp: 1726812
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.2 18.6 27.8

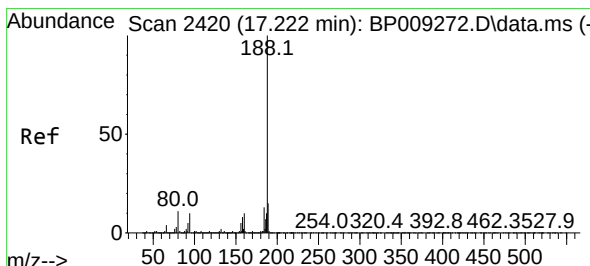
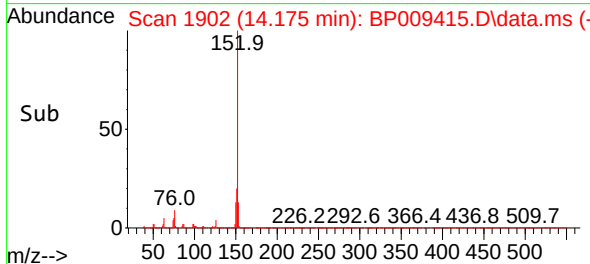
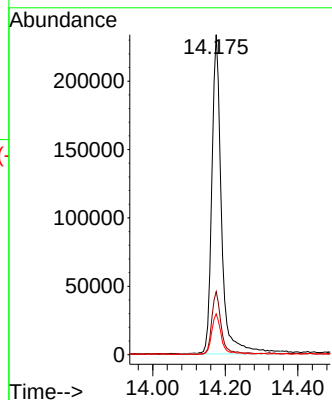
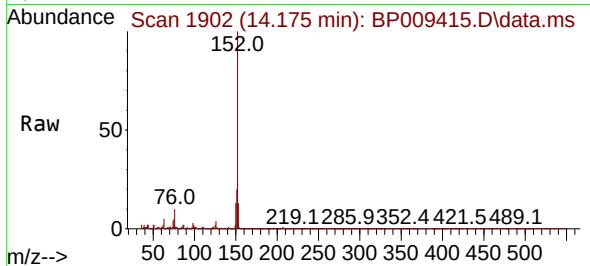




#49
Acenaphthylene
Concen: 4.257 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

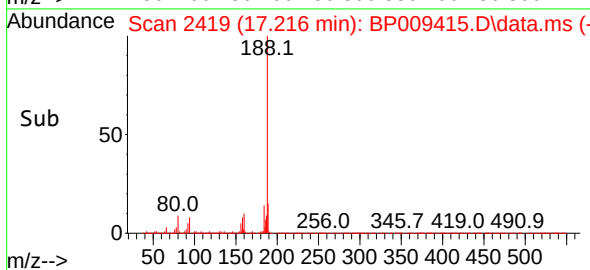
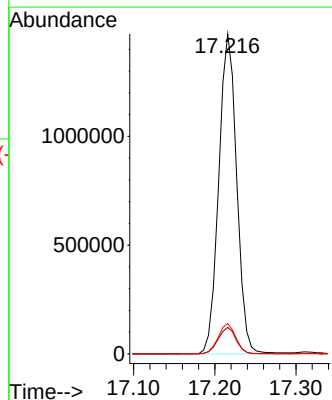
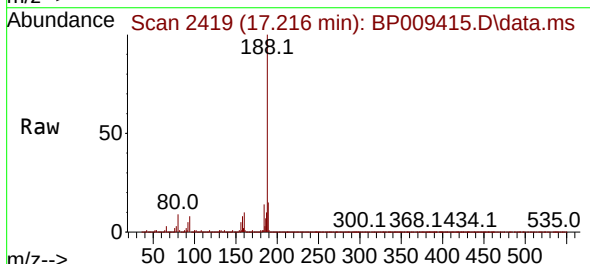
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

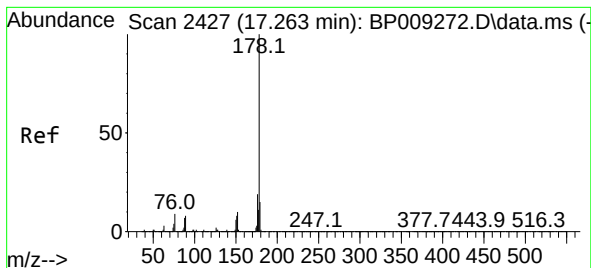
Tgt Ion:152 Resp: 435563
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.8 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:188 Resp: 2259908
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.5 8.8 13.2





#71

Phenanthrene

Concen: 9.364 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009415.D

Acq: 16 Mar 2022 00:42

Instrument :

BNA_P

ClientSampleId :

TP1(0-10)

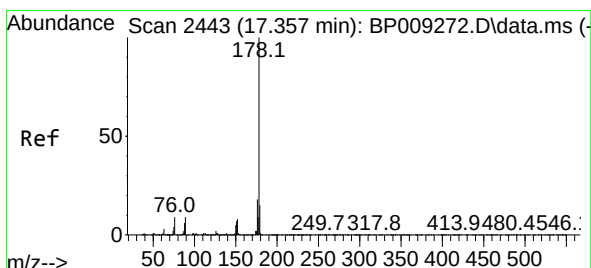
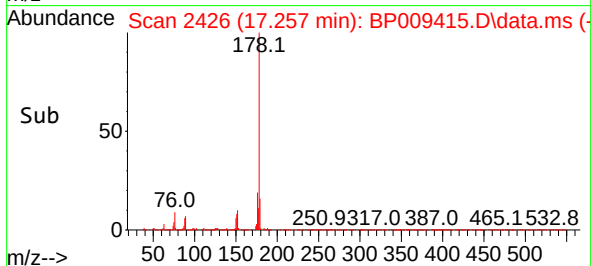
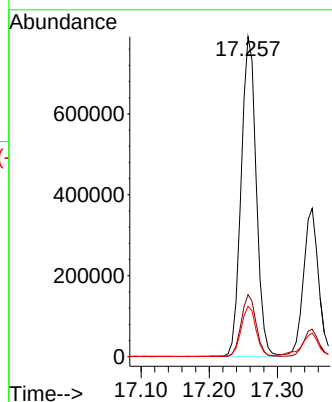
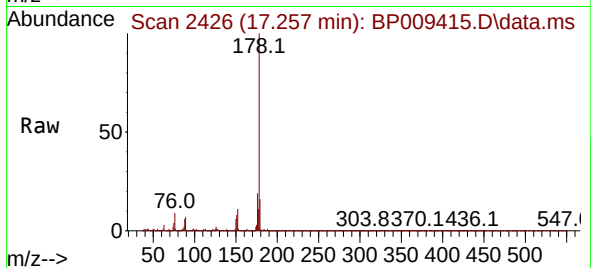
Tgt Ion:178 Resp: 1216139

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.8 12.3 18.5



#72

Anthracene

Concen: 4.244 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP009415.D

Acq: 16 Mar 2022 00:42

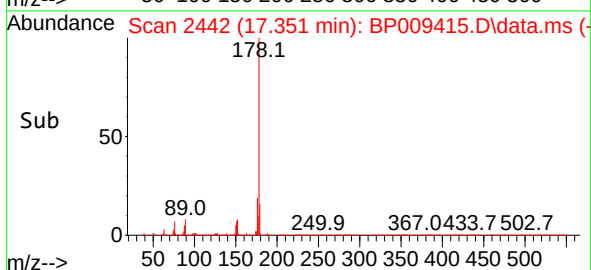
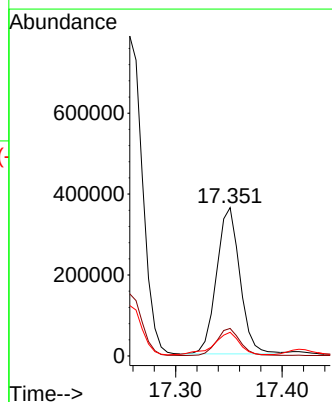
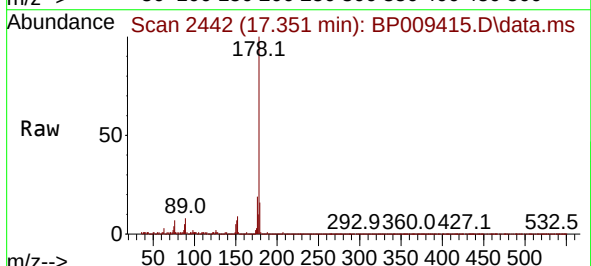
Tgt Ion:178 Resp: 548656

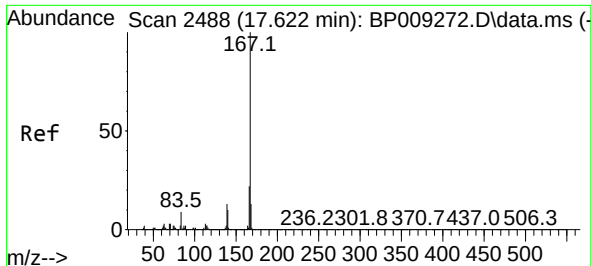
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.9 12.2 18.4

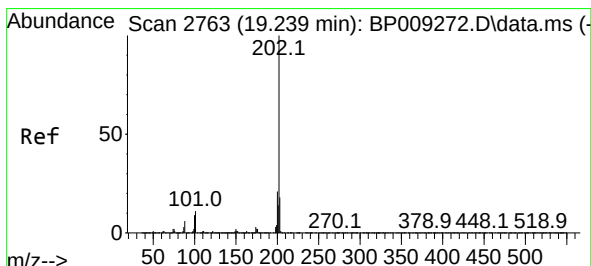
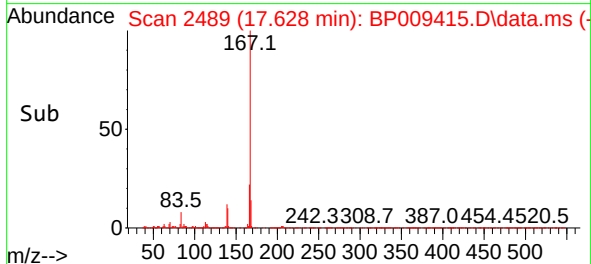
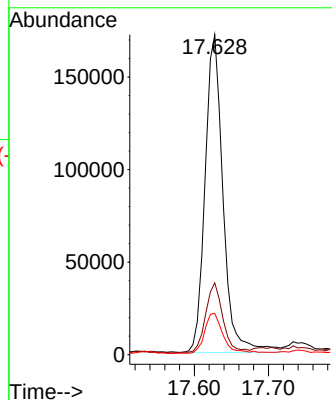
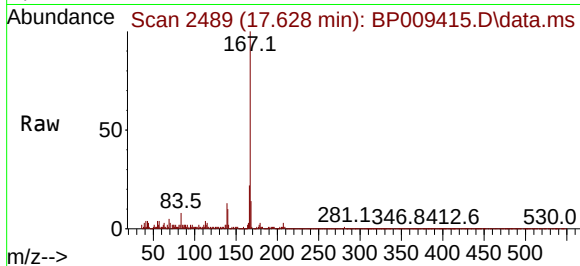




#73
 Carbazole
 Concen: 2.466 ng
 RT: 17.628 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BP009415.D
 Acq: 16 Mar 2022 00:42

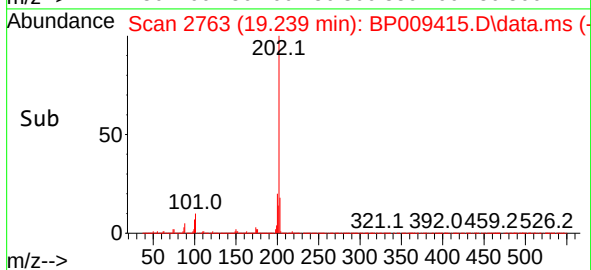
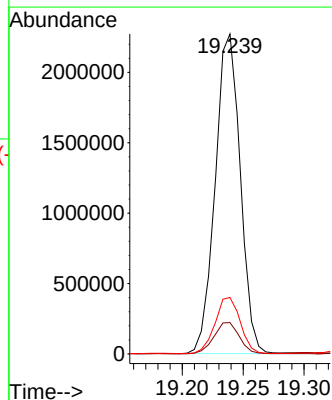
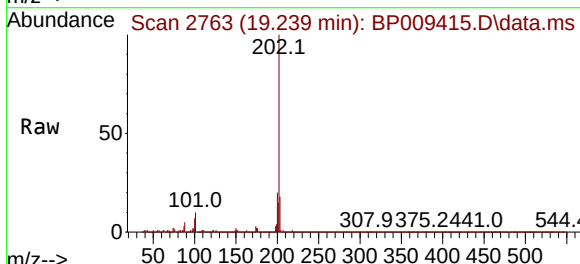
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 BNA_P
 ClientSampleId :
 TP1(0-10)

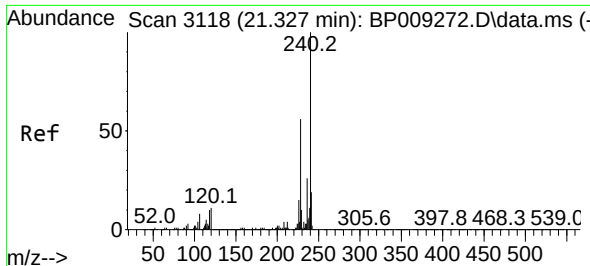
Tgt Ion:167 Resp: 290466
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 12.9 10.3 15.5



#75
 Fluoranthene
 Concen: 21.683 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BP009415.D
 Acq: 16 Mar 2022 00:42

Tgt Ion:202 Resp: 3250461
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.5
 203 17.7 0.0 37.8

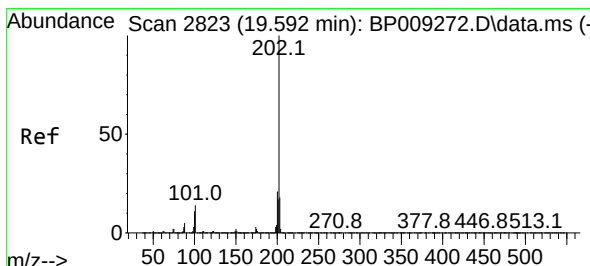
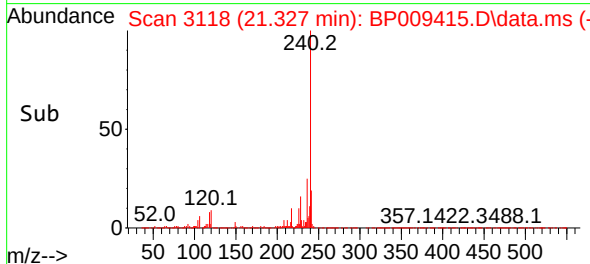
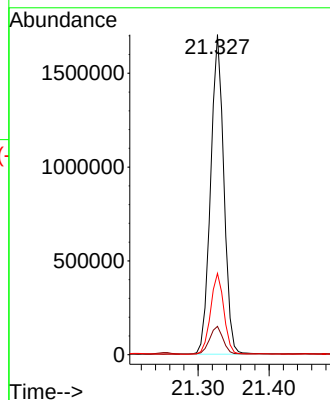
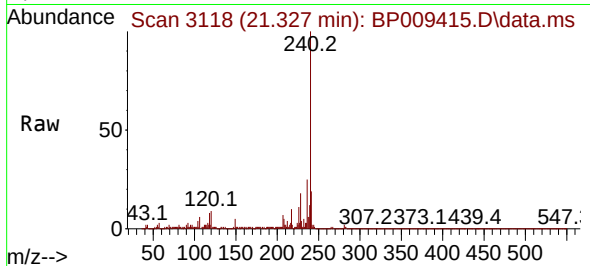




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

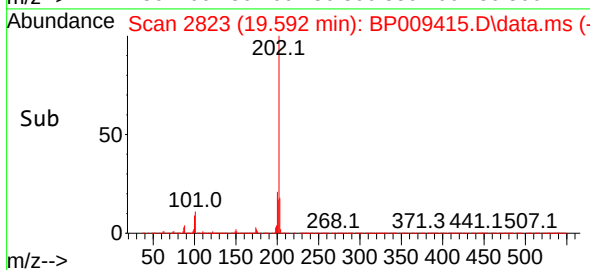
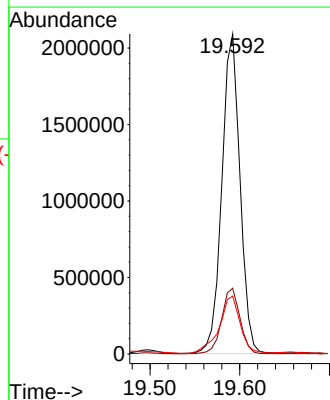
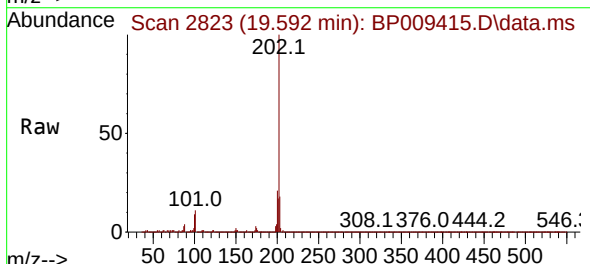
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

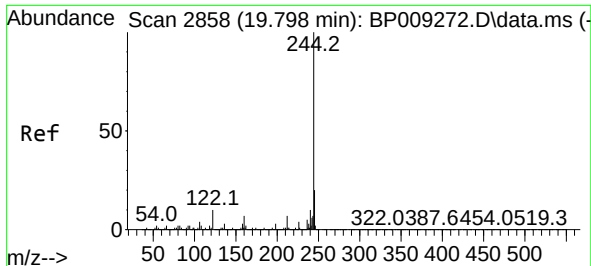
Tgt Ion:240 Resp: 2205363
Ion Ratio Lower Upper
240 100
120 8.9 9.0 13.4#
236 25.4 20.6 30.8



#78
Pyrene
Concen: 19.689 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:202 Resp: 2931761
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 18.1 14.2 21.4

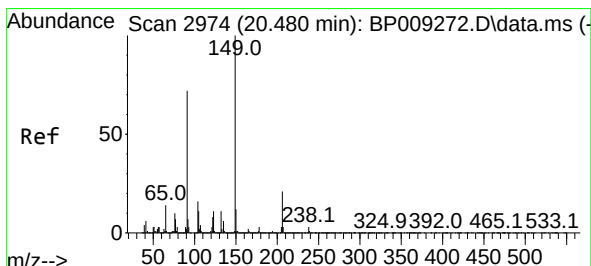
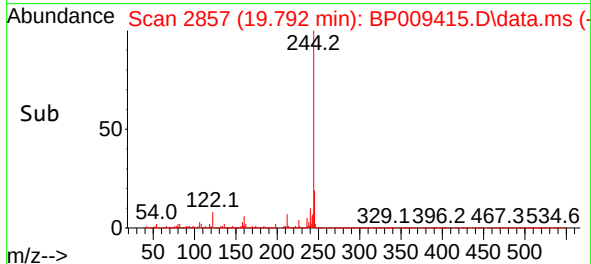
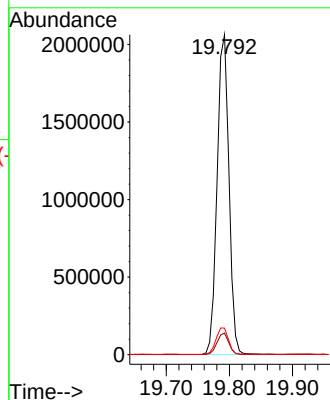
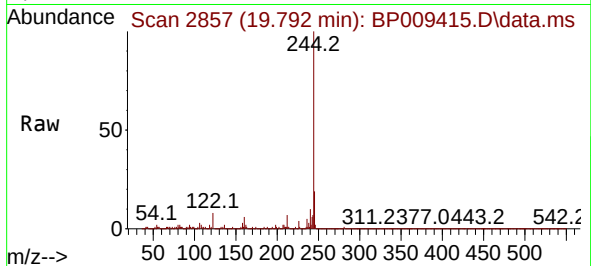




#79
 Terphenyl-d14
 Concen: 22.899 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009415.D
 Acq: 16 Mar 2022 00:42

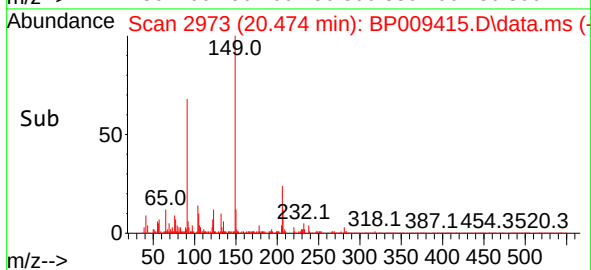
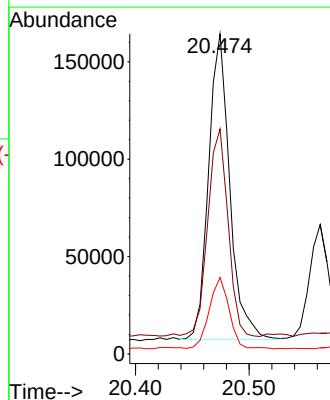
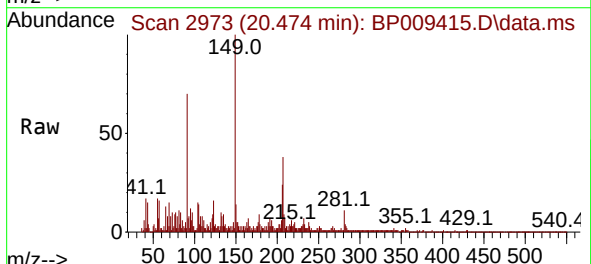
Instrument :
 BNA_P
 ClientSampleId :
 TP1(0-10)

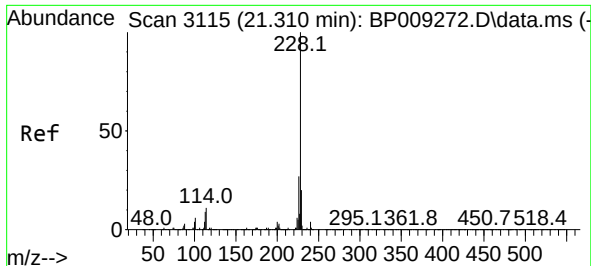
Tgt Ion:244 Resp: 2676009
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.3 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 3.779 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BP009415.D
 Acq: 16 Mar 2022 00:42

Tgt Ion:149 Resp: 203107
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.9 86.9
 206 23.9 16.9 25.3

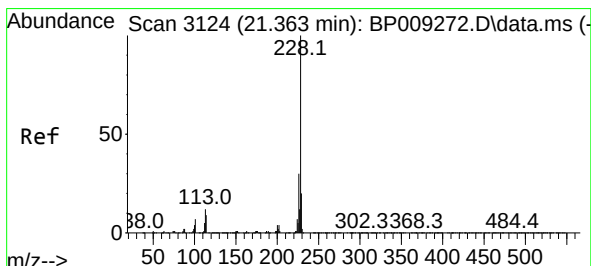
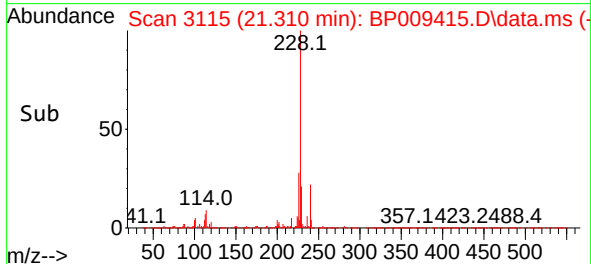
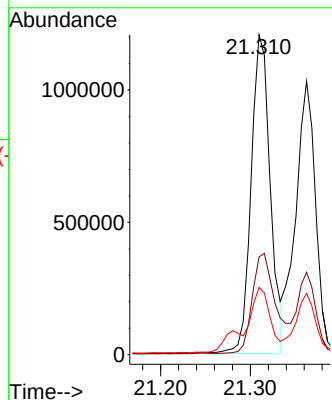
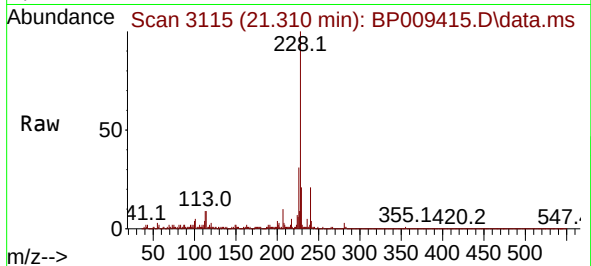




#81
Benzo(a)anthracene
Concen: 11.964 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

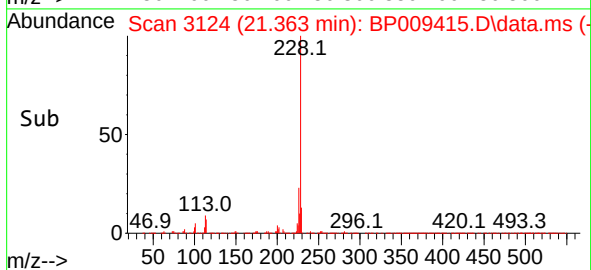
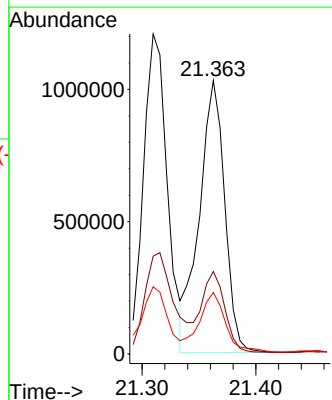
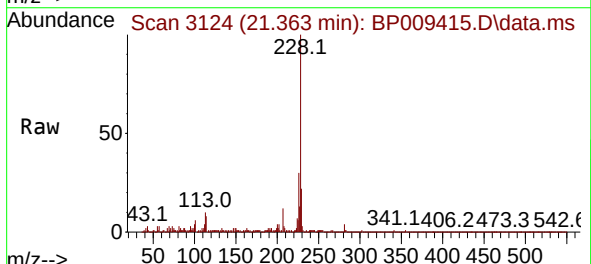
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

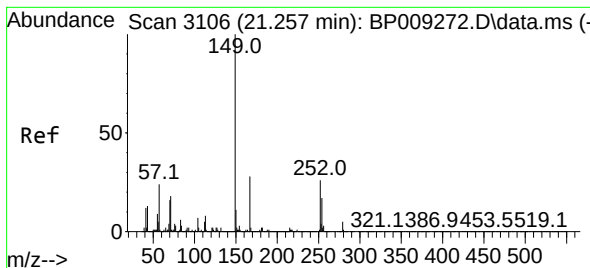
Tgt Ion:228 Resp: 1788430
Ion Ratio Lower Upper
228 100
226 30.5 22.0 33.0
229 21.0 16.1 24.1



#83
Chrysene
Concen: 11.006 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:228 Resp: 1597261
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 22.5 16.1 24.1

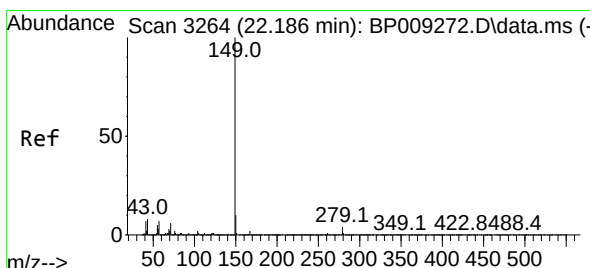
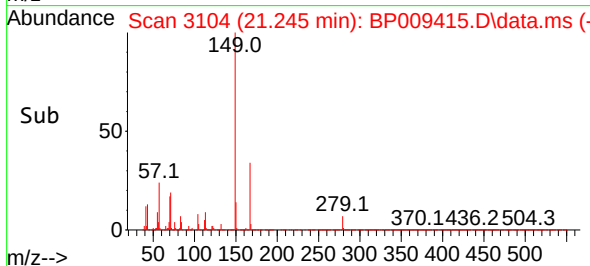
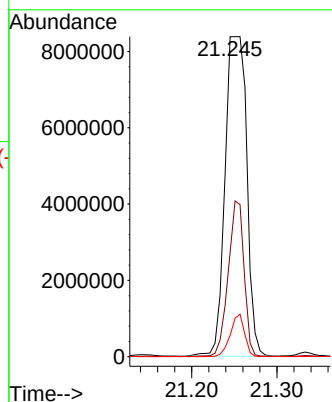
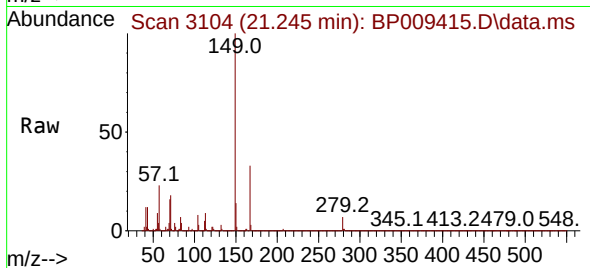




#84
Bis(2-ethylhexyl)phthalate
Concen: 172.741 ng
RT: 21.245 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

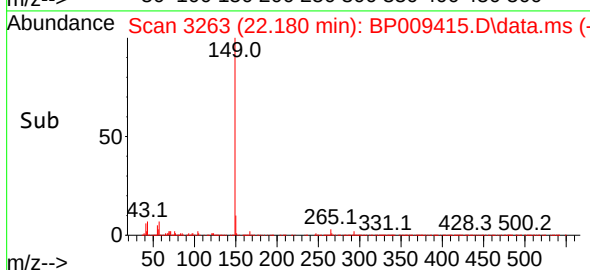
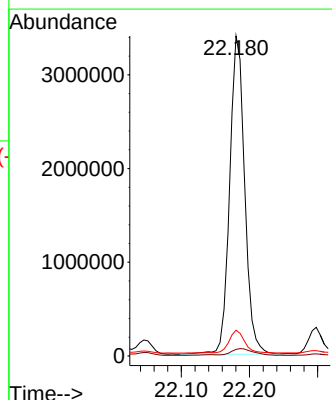
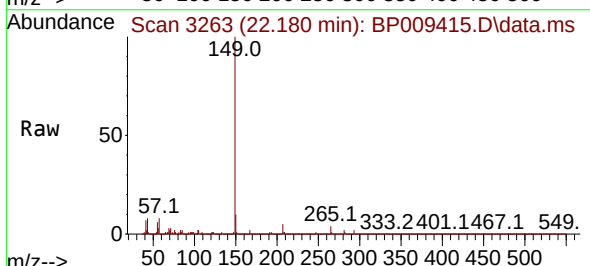
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

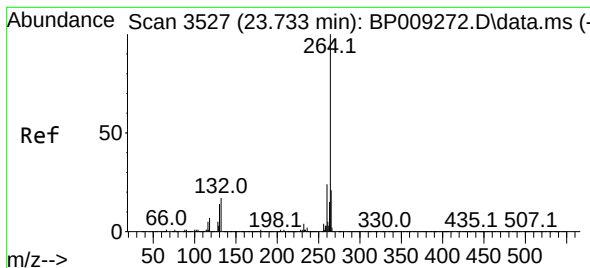
Tgt Ion:149 Resp:14848332
Ion Ratio Lower Upper
149 100
167 32.5 22.6 33.8
279 6.7 3.8 5.6#



#85
Di-n-octyl phthalate
Concen: 37.052 ng
RT: 22.180 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:149 Resp: 5214399
Ion Ratio Lower Upper
149 100
167 2.9 1.3 1.9#
43 7.6 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3527

Delta R.T. 0.012 min

Lab File: BP009415.D

Acq: 16 Mar 2022 00:42

Instrument :

BNA_P

ClientSampleId :

TP1(0-10)

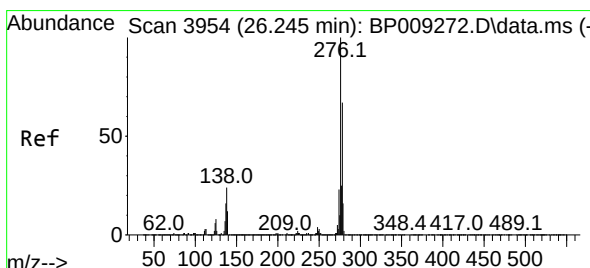
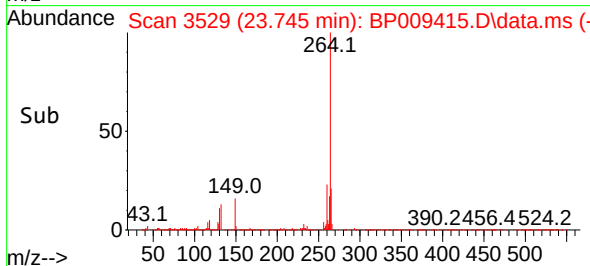
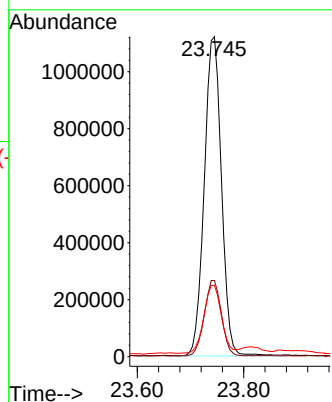
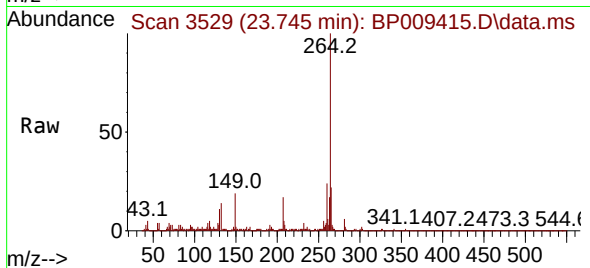
Tgt Ion:264 Resp: 2506170

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.3 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.985 ng

RT: 26.256 min Scan# 3956

Delta R.T. 0.012 min

Lab File: BP009415.D

Acq: 16 Mar 2022 00:42

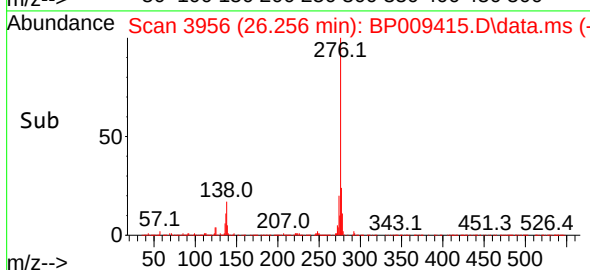
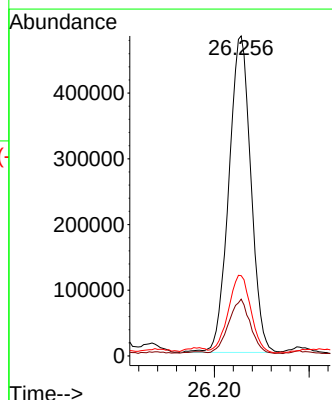
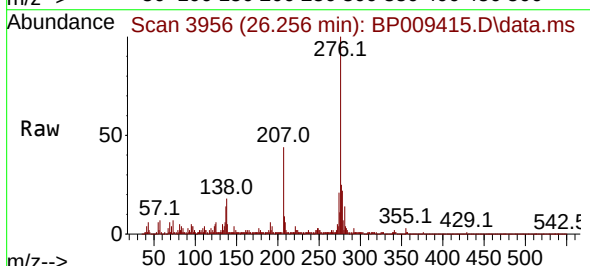
Tgt Ion:276 Resp: 1554896

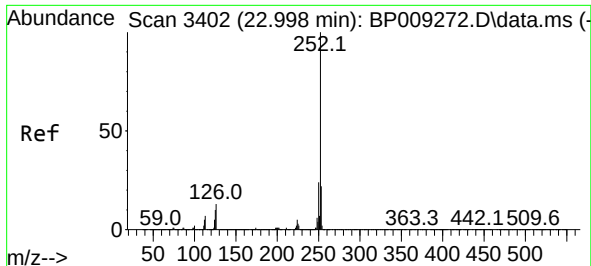
Ion Ratio Lower Upper

276 100

138 17.1 20.5 30.7#

277 25.1 20.4 30.6

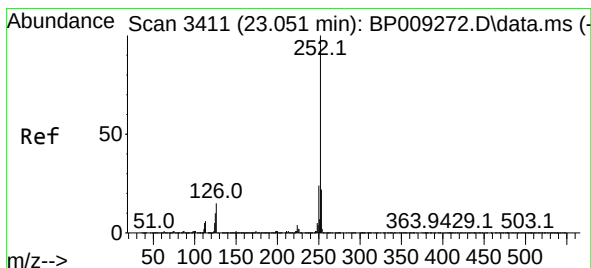
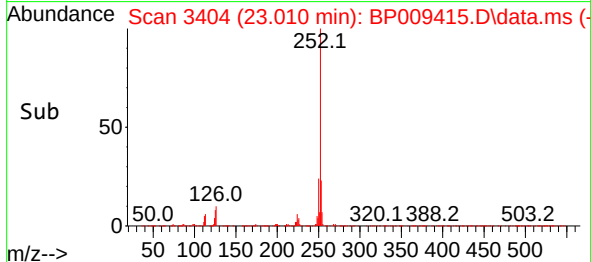
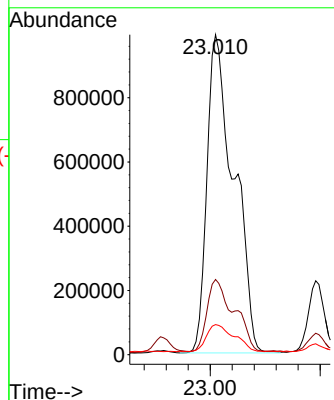
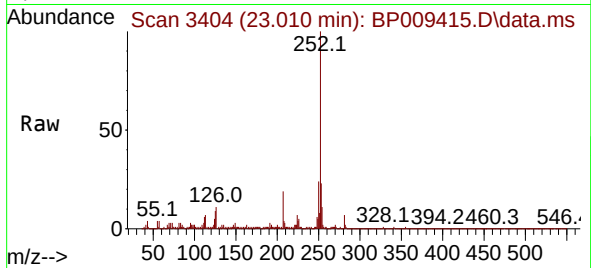




#88
Benzo(b)fluoranthene
Concen: 19.890 ng
RT: 23.010 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

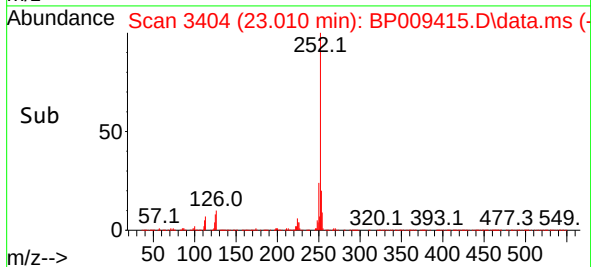
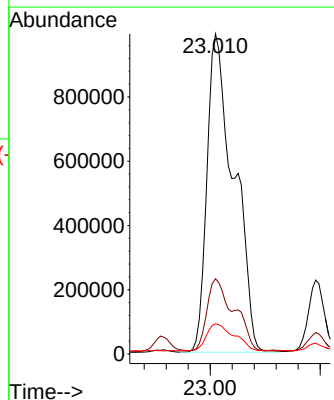
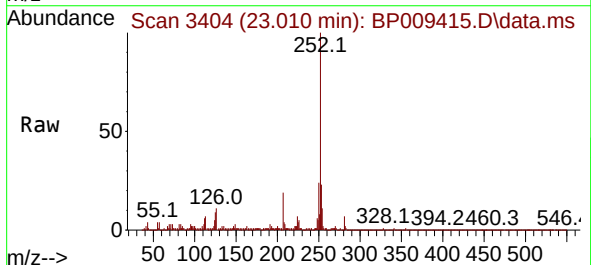
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

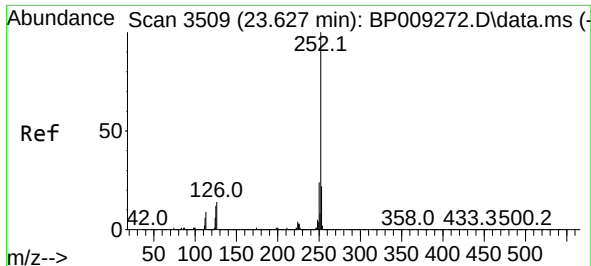
Tgt Ion:252 Resp: 3365595
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.4 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 20.819 ng
RT: 23.010 min Scan# 3404
Delta R.T. -0.041 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:252 Resp: 3365595
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 9.4 8.3 12.5

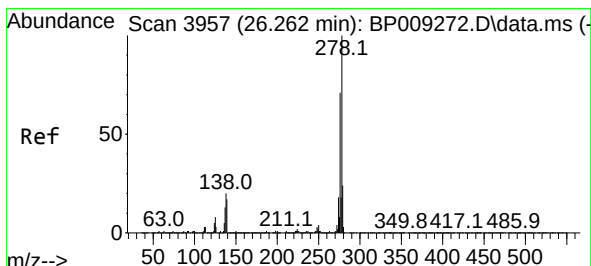
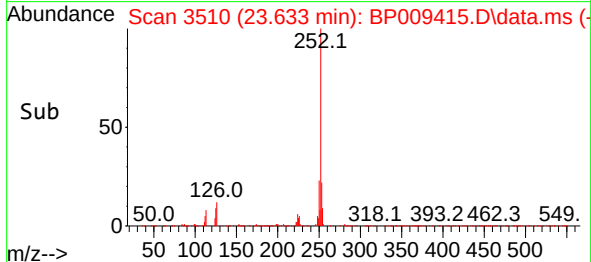
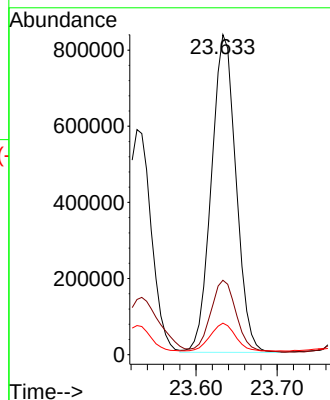
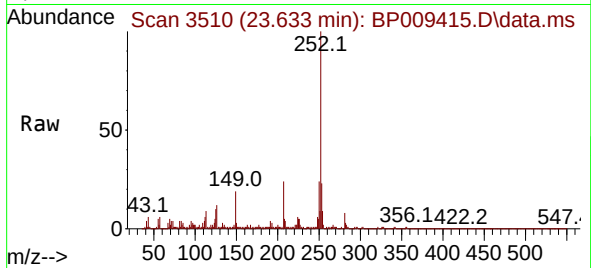




#90
Benzo(a)pyrene
Concen: 10.961 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

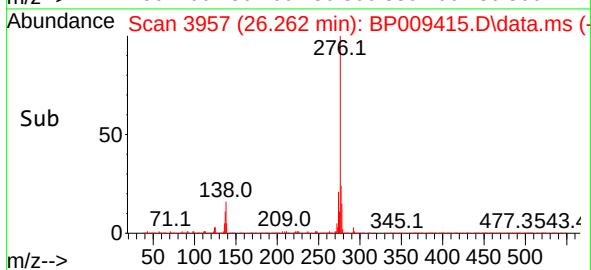
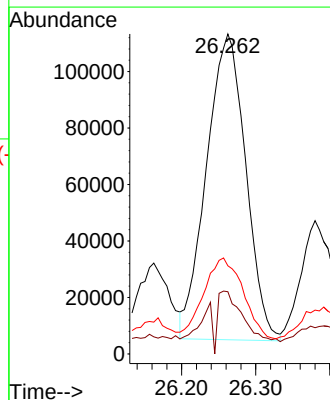
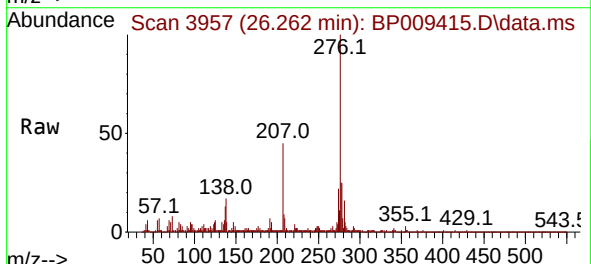
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

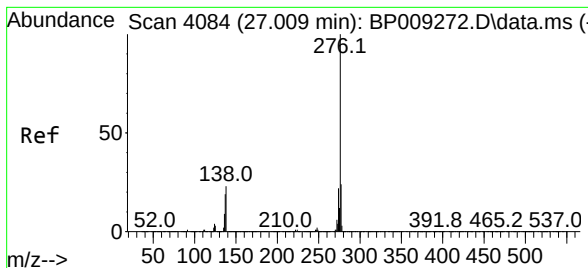
Tgt Ion:252 Resp: 1759146
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 9.9 9.3 13.9



#91
Dibenzo(a,h)anthracene
Concen: 2.415 ng
RT: 26.262 min Scan# 3957
Delta R.T. -0.000 min
Lab File: BP009415.D
Acq: 16 Mar 2022 00:42

Tgt Ion:278 Resp: 398726
Ion Ratio Lower Upper
278 100
139 19.4 13.2 19.8
279 27.6 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 9.798 ng

RT: 27.027 min Scan# 40

Delta R.T. 0.018 min

Lab File: BP009415.D

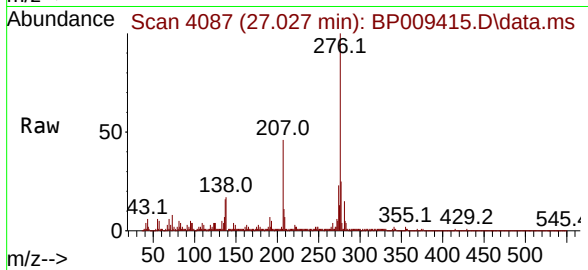
Acq: 16 Mar 2022 00:42

Instrument :

BNA_P

ClientSampleId :

TP1(0-10)



Tgt Ion:276 Resp: 1598205

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 16.7 18.0 27.0#

