

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009436.D
 Acq On : 16 Mar 2022 22:50
 Operator : CG/JU
 Sample : N1959-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-031522

Quant Time: Mar 17 01:10:53 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)

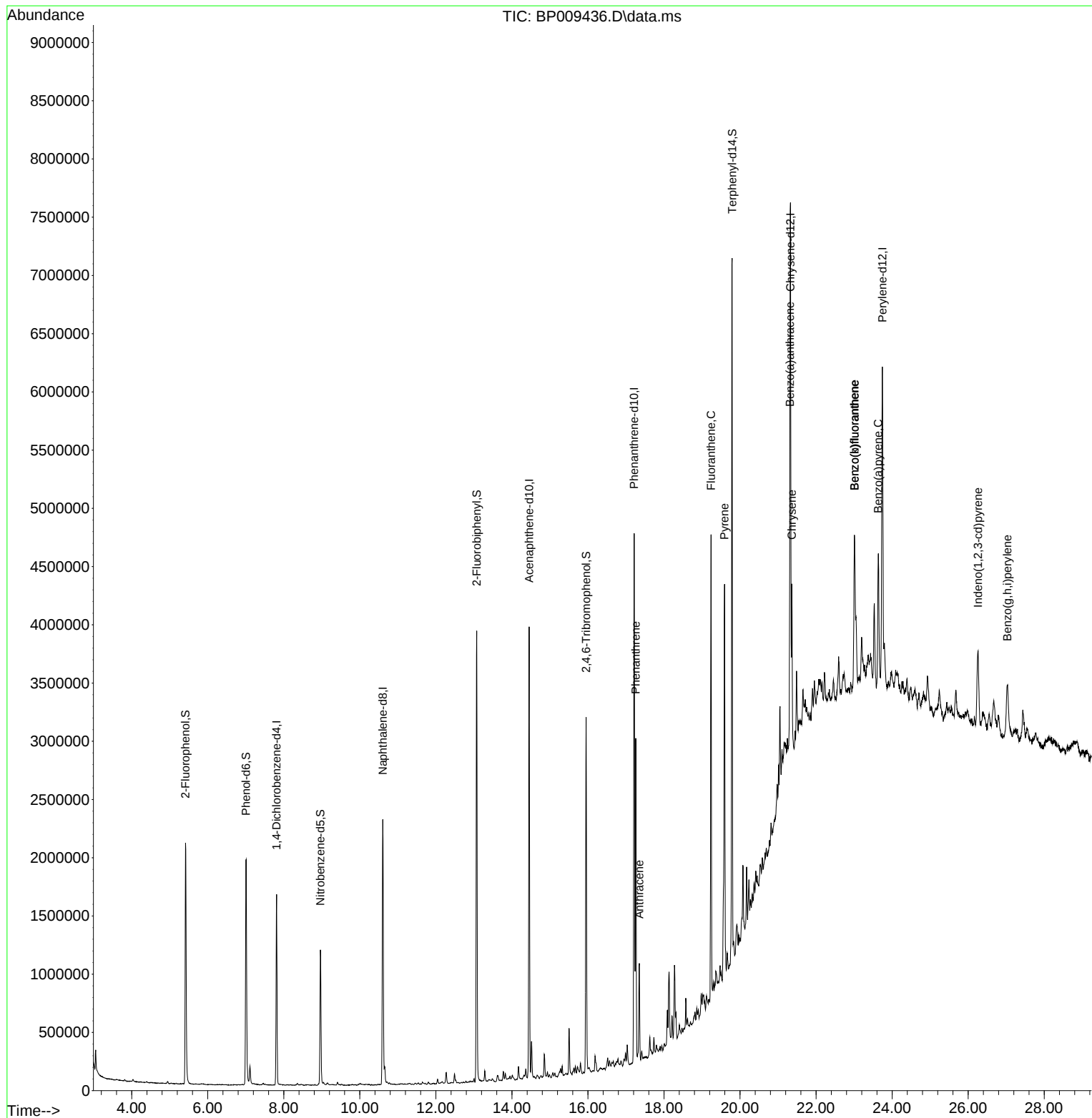
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	504005	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	2167596	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1459313	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2991821	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2204249	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	2275920	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1154004	33.422	ng	0.00
7) Phenol-d6	7.005	99	1425878	32.496	ng	0.02
23) Nitrobenzene-d5	8.963	82	789466	20.060	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	713687	40.501	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2308925	21.759	ng	-0.01
79) Terphenyl-d14	19.792	244	3257321	27.887	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.257	178	1716371	9.982	ng	99
72) Anthracene	17.351	178	587275	3.431	ng	99
75) Fluoranthene	19.239	202	2560660	12.903	ng	97
78) Pyrene	19.592	202	2223178	14.938	ng	99
81) Benzo(a)anthracene	21.310	228	1087283	7.278	ng	97
83) Chrysene	21.363	228	889686	6.133	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	632290	3.576	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	1641538	10.682	ng	# 92
89) Benzo(k)fluoranthene	23.010	252	1641538	11.182	ng	# 91
90) Benzo(a)pyrene	23.633	252	945302	6.486	ng	96
92) Benzo(g,h,i)perylene	27.033	276	632480	4.270	ng	94

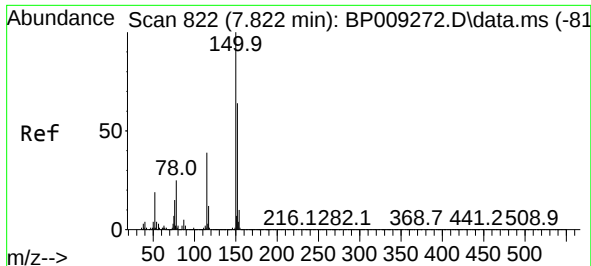
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009436.D
Acq On : 16 Mar 2022 22:50
Operator : CG/JU
Sample : N1959-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-031522

Quant Time: Mar 17 01:10:53 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

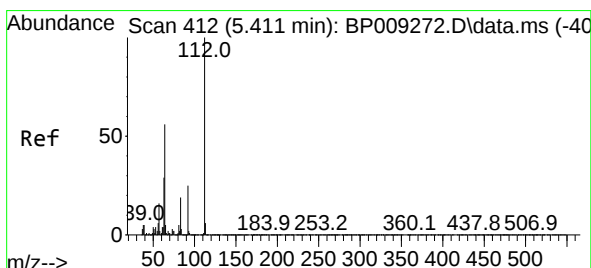
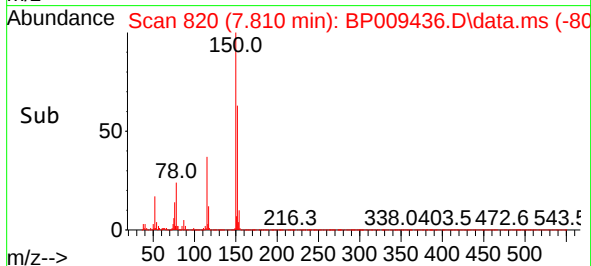
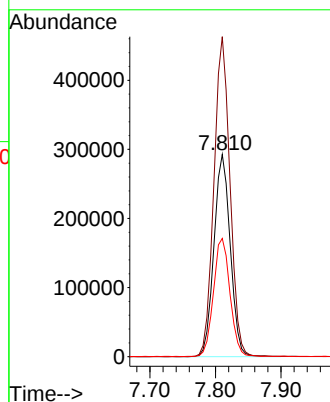
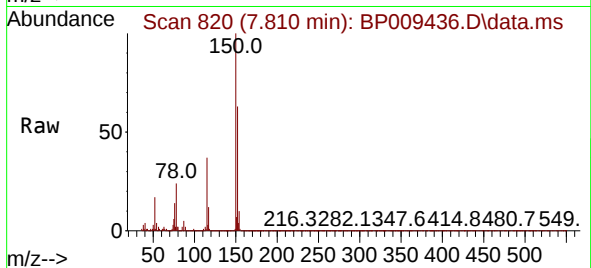




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

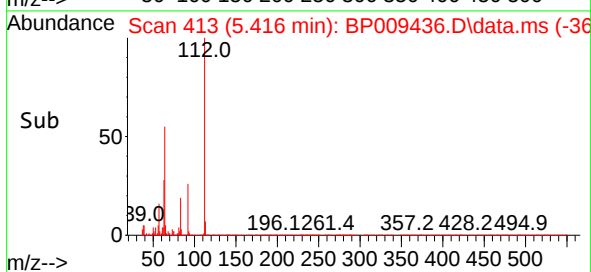
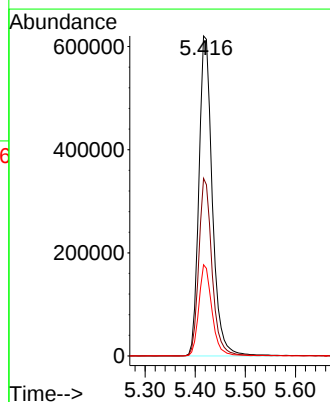
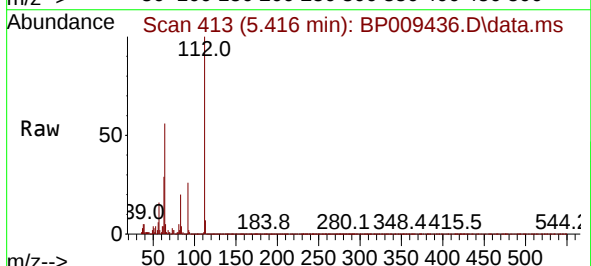
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

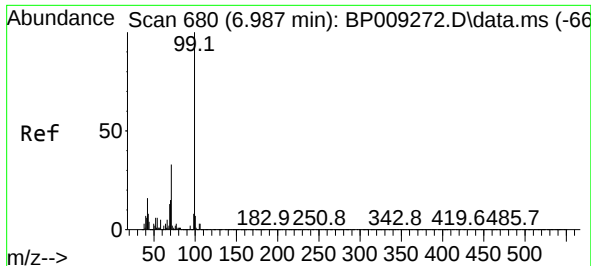
Tgt Ion:152 Resp: 504005
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 33.422 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:112 Resp: 1154004
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 28.5 23.0 34.6

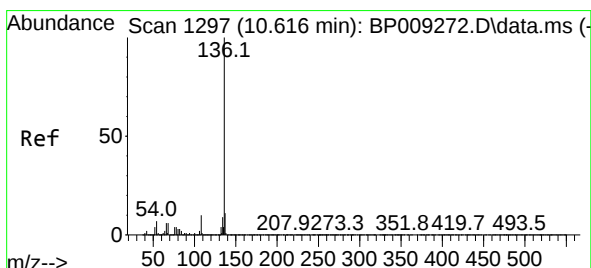
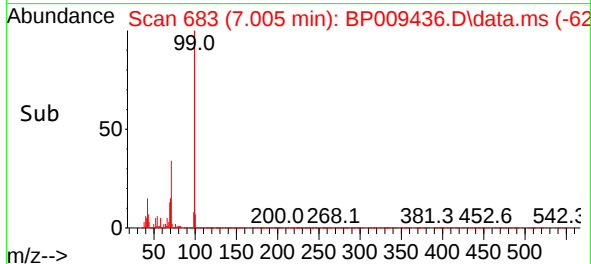
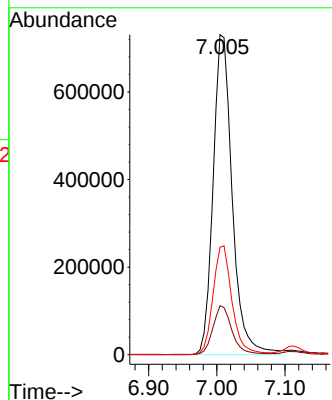
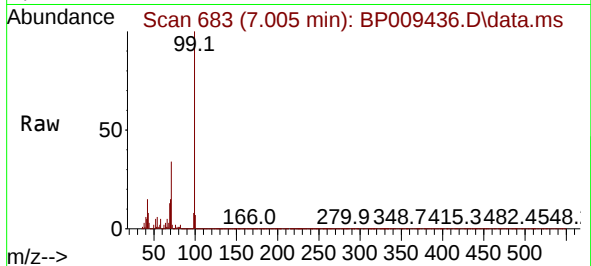




#7
Phenol-d6
Concen: 32.496 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

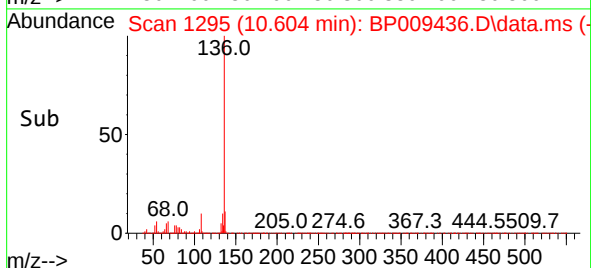
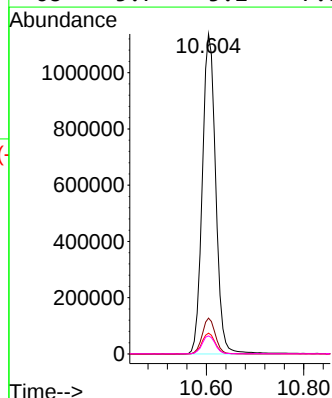
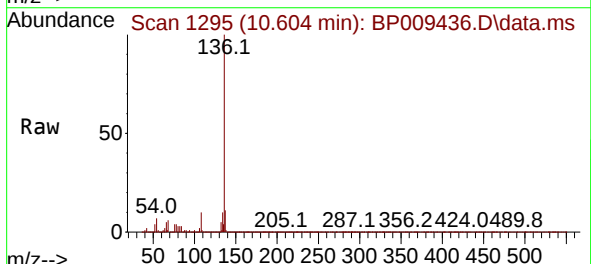
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

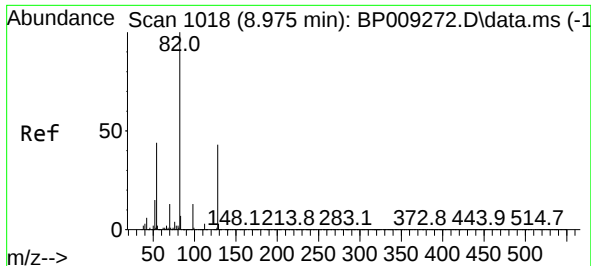
Tgt Ion: 99 Resp: 1425878
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:136 Resp: 2167596
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.5 5.8 8.8
68 5.7 5.2 7.8

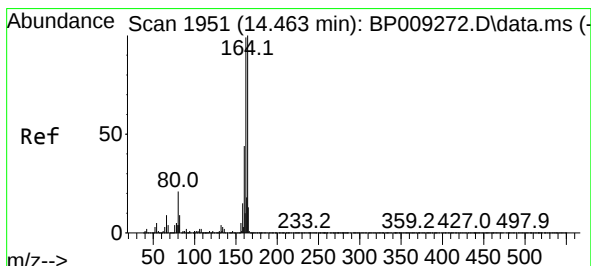
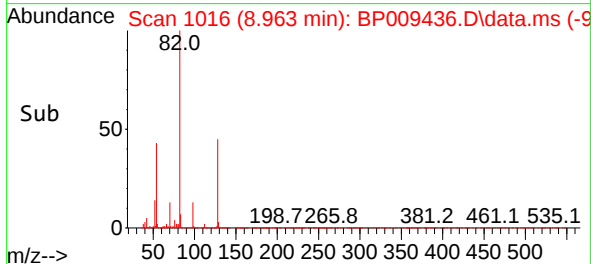
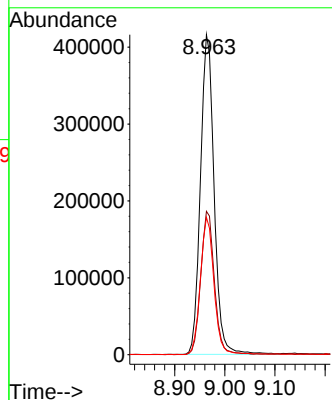
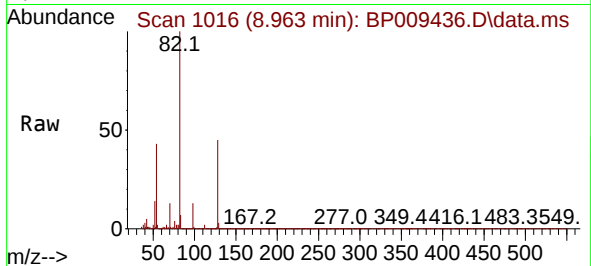




#23
 Nitrobenzene-d5
 Concen: 20.060 ng
 RT: 8.963 min Scan# 1016
 Delta R.T. -0.012 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

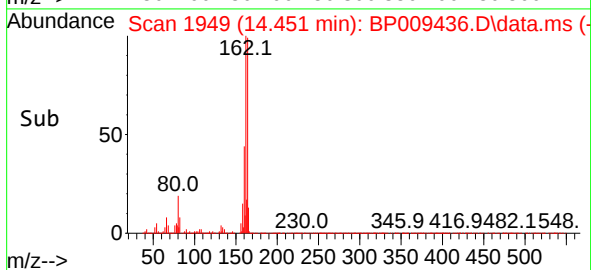
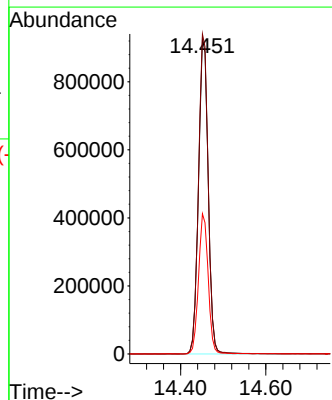
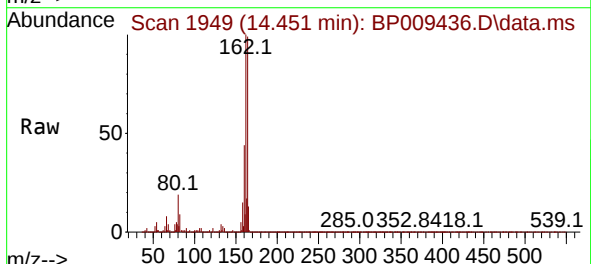
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-031522

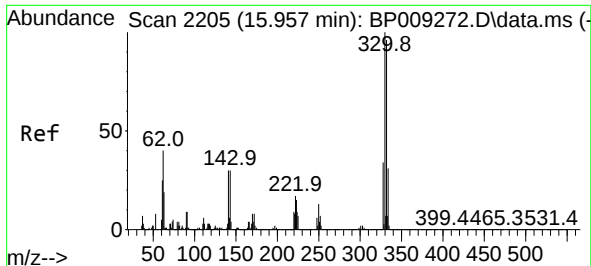
Tgt Ion: 82 Resp: 789466
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.2 51.4
 54 42.9 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.012 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

Tgt Ion:164 Resp: 1459313
 Ion Ratio Lower Upper
 164 100
 162 101.4 79.1 118.7
 160 44.4 34.9 52.3

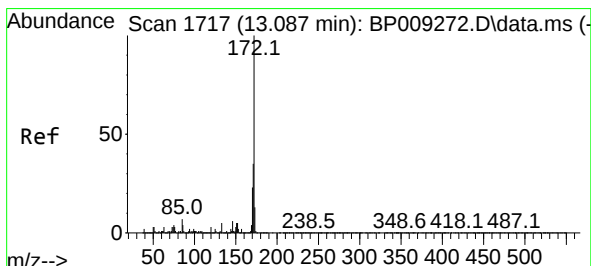
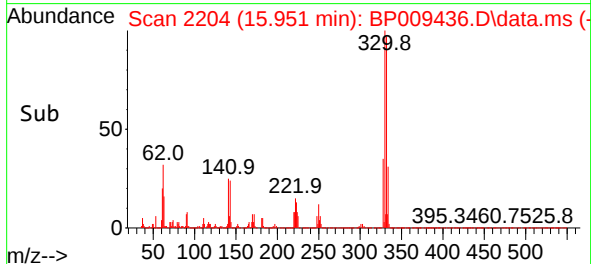
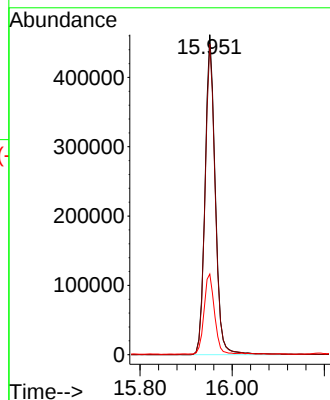
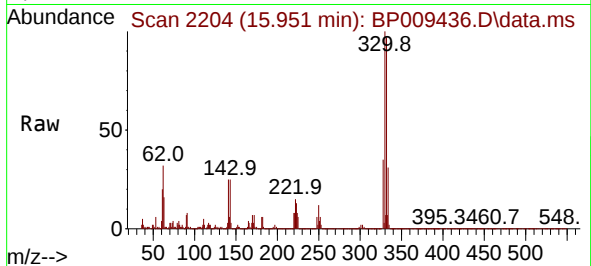




#42
2,4,6-Tribromophenol
Concen: 40.501 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

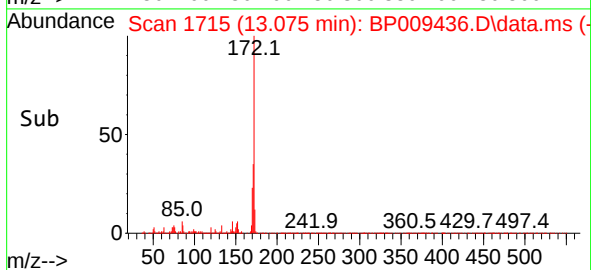
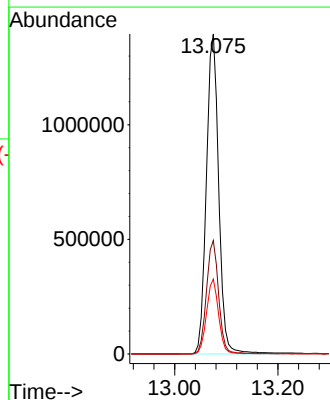
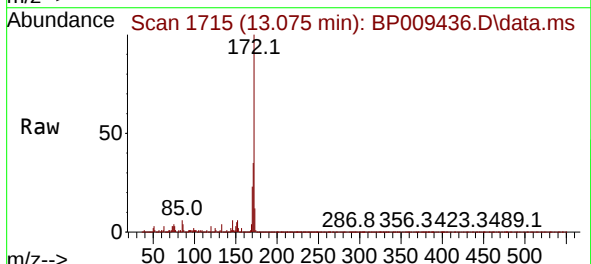
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

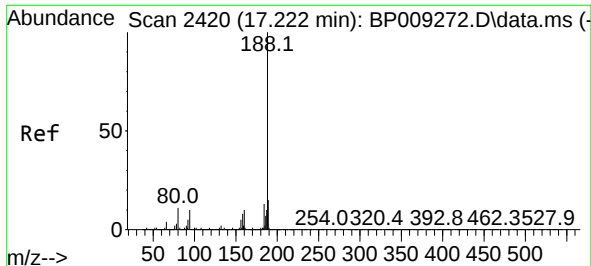
Tgt Ion:330 Resp: 713687
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 25.5 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 21.759 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:172 Resp: 2308925
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.6 27.8

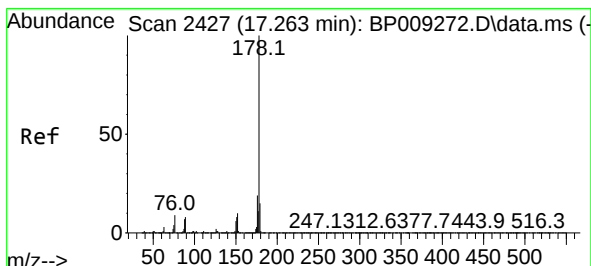
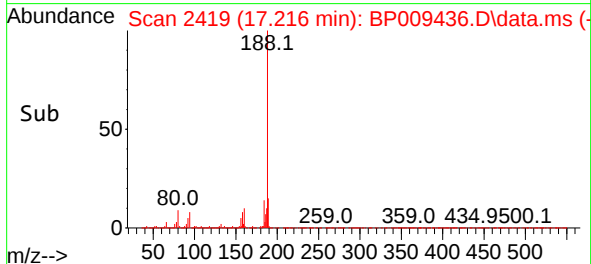
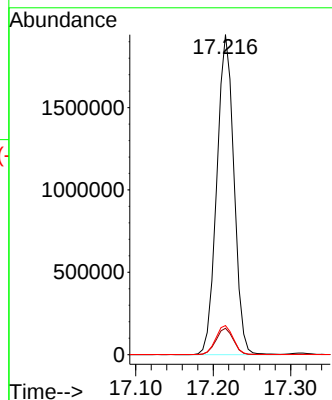
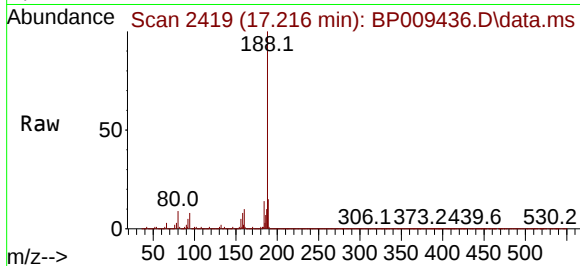




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

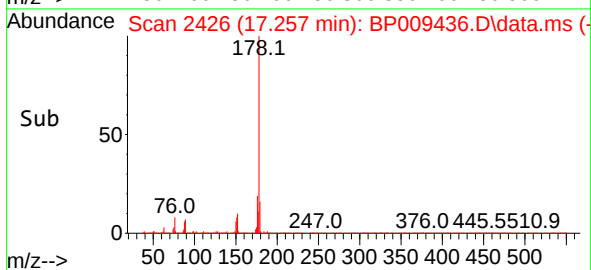
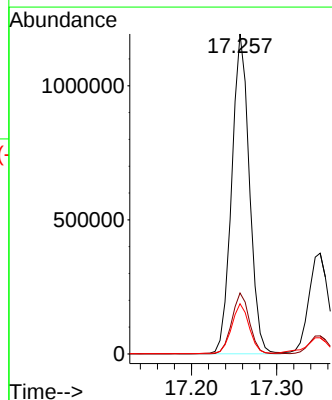
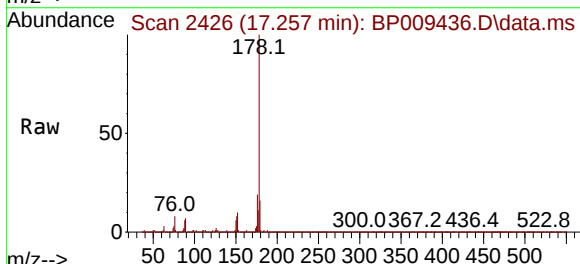
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

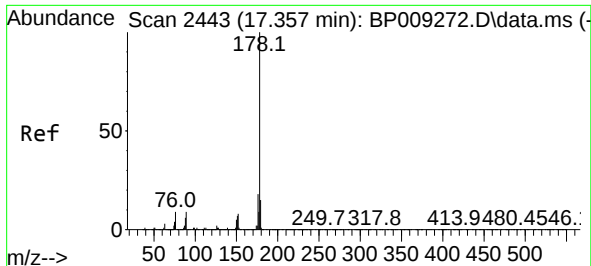
Tgt Ion:188 Resp: 2991821
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.1 8.8 13.2



#71
Phenanthrene
Concen: 9.982 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:178 Resp: 1716371
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.7 12.3 18.5

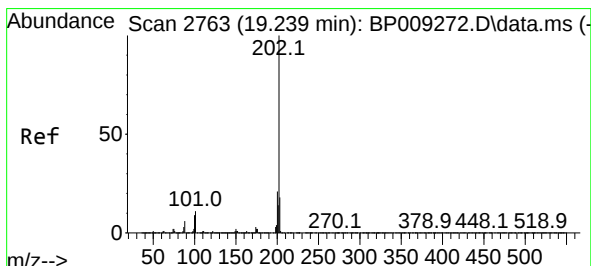
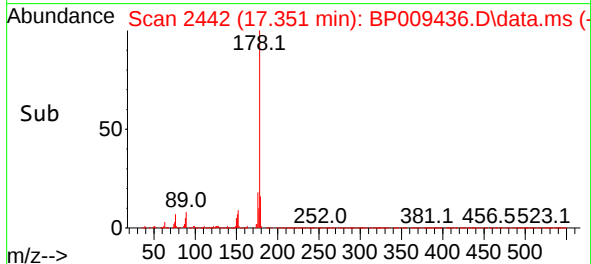
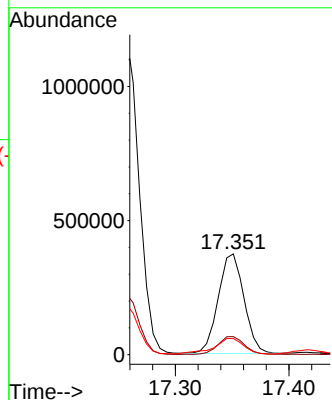
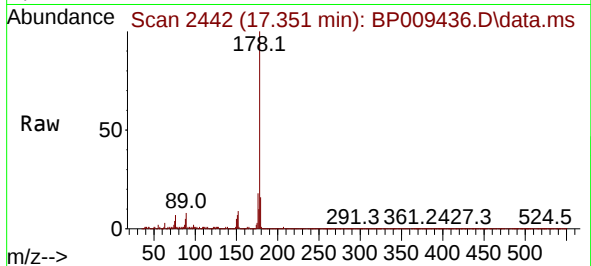




#72
 Anthracene
 Concen: 3.431 ng
 RT: 17.351 min Scan# 2443
 Delta R.T. -0.006 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

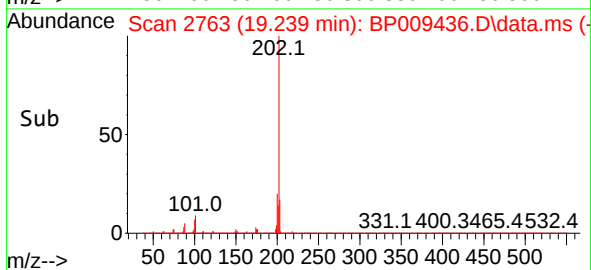
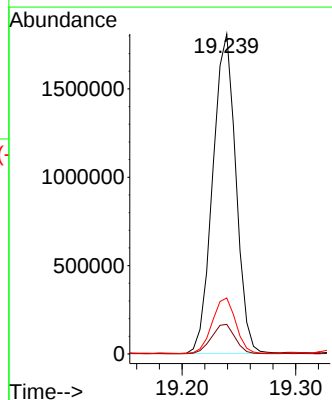
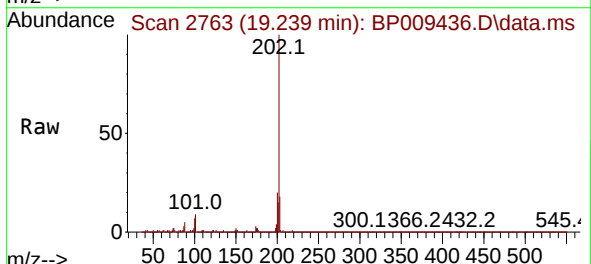
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-031522

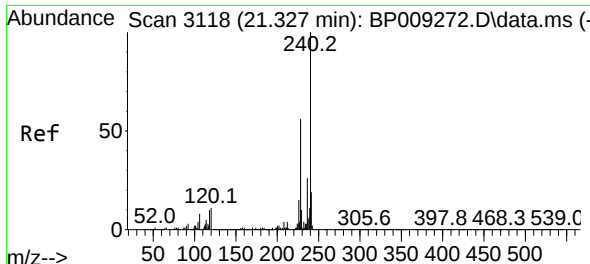
Tgt Ion:178 Resp: 587275
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 16.0 12.2 18.4



#75
 Fluoranthene
 Concen: 12.903 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

Tgt Ion:202 Resp: 2560660
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 31.5
 203 17.5 0.0 37.8

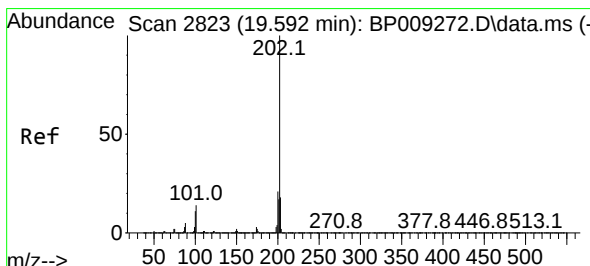
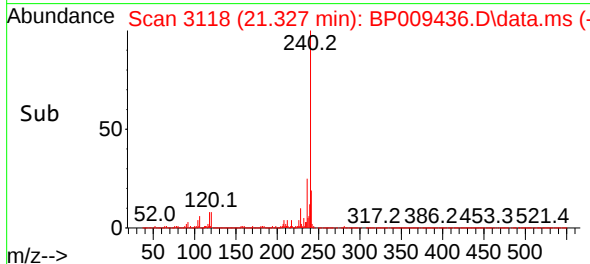
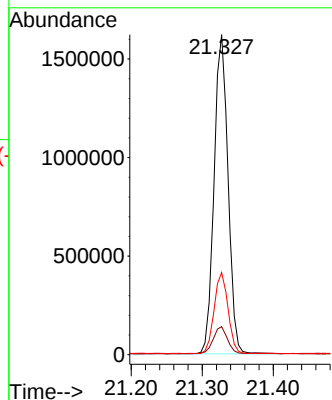
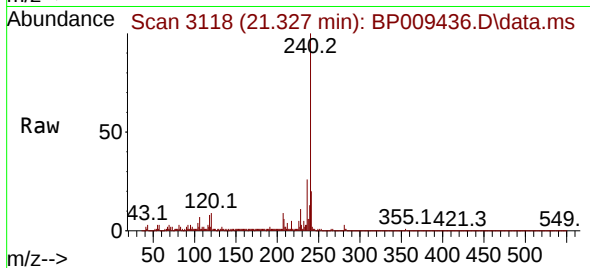




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

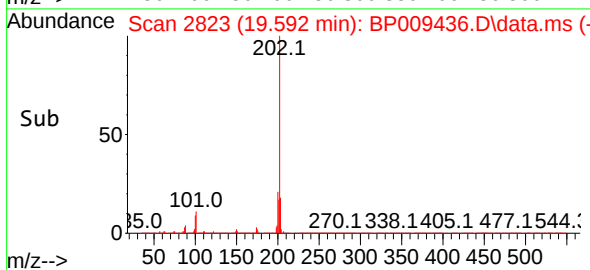
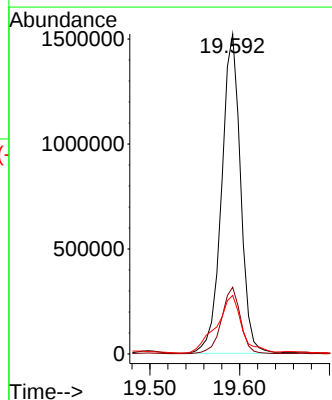
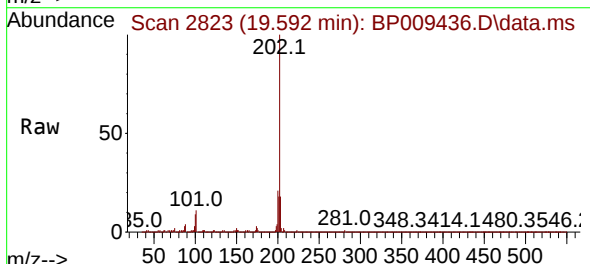
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

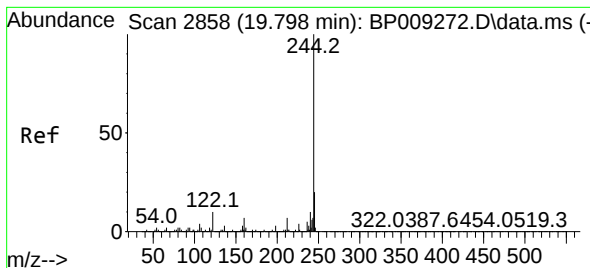
Tgt Ion:240 Resp: 2204249
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.4#
236 25.7 20.6 30.8



#78
Pyrene
Concen: 14.938 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

Tgt Ion:202 Resp: 2223178
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 27.887 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

CL-02-031522

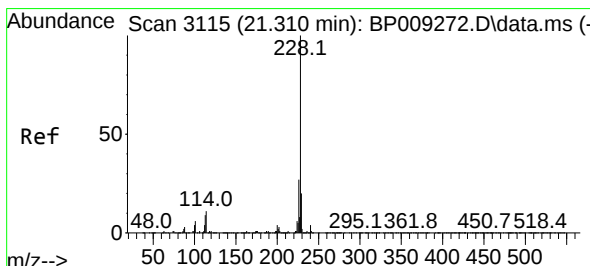
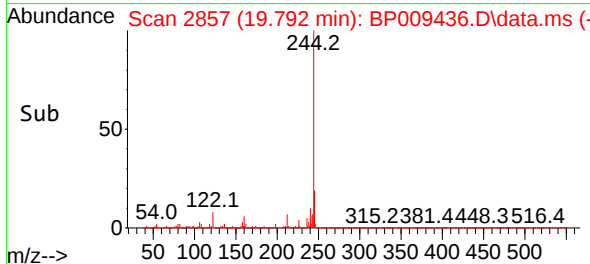
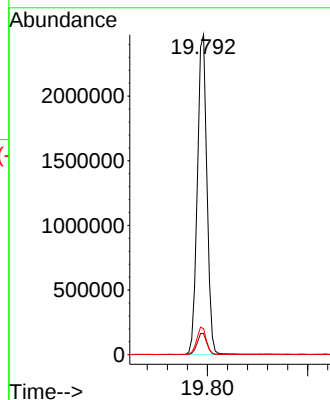
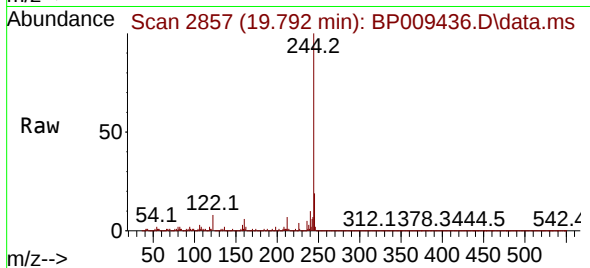
Tgt Ion:244 Resp: 3257321

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 8.2 8.3 12.5#



#81

Benzo(a)anthracene

Concen: 7.278 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

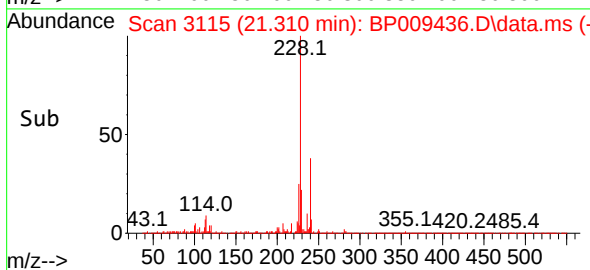
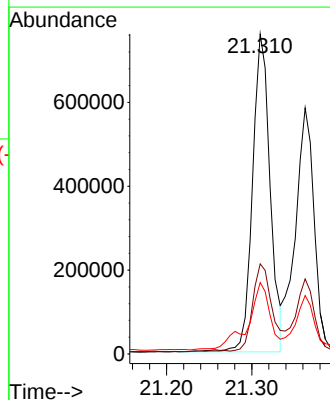
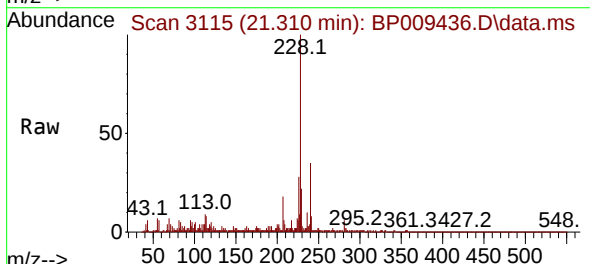
Tgt Ion:228 Resp: 1087283

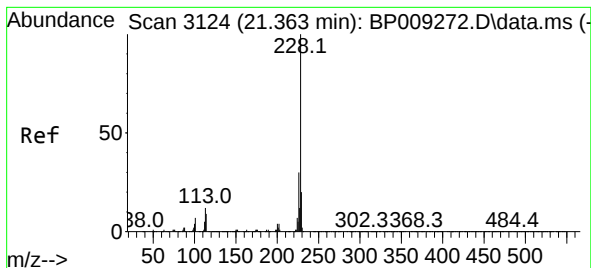
Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 22.3 16.1 24.1





#83

Chrysene

Concen: 6.133 ng

RT: 21.363 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

CL-02-031522

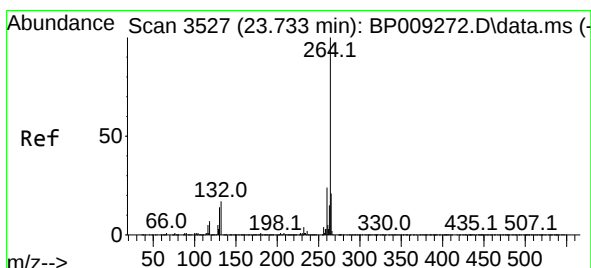
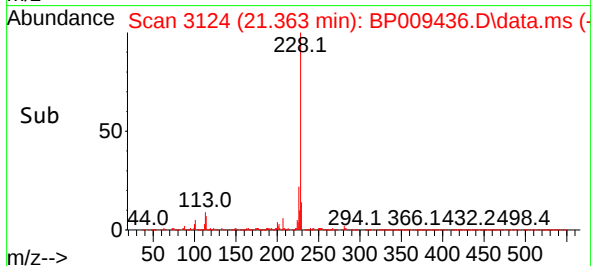
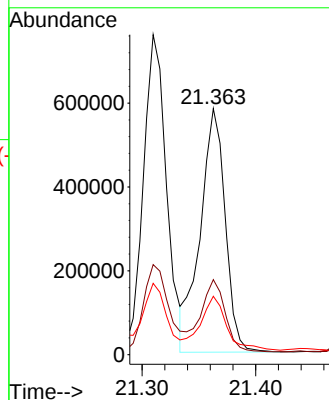
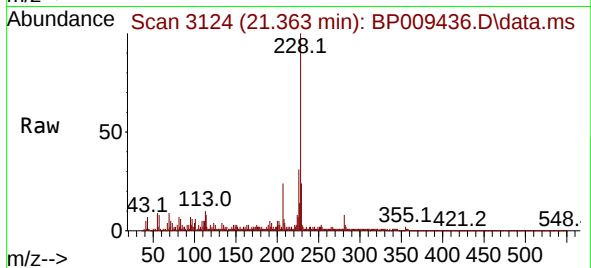
Tgt Ion:228 Resp: 889686

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 23.7 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3529

Delta R.T. 0.012 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

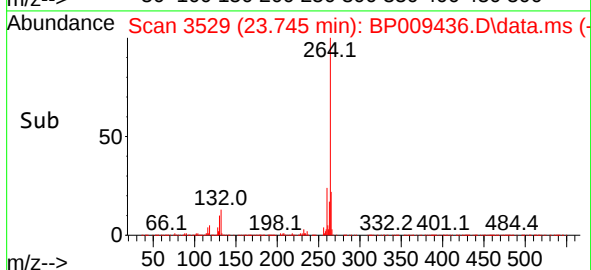
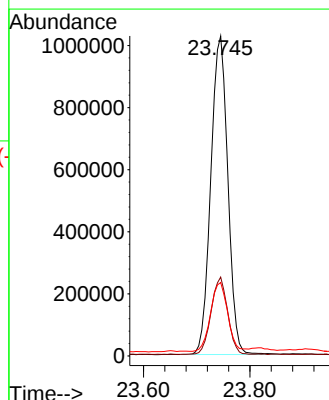
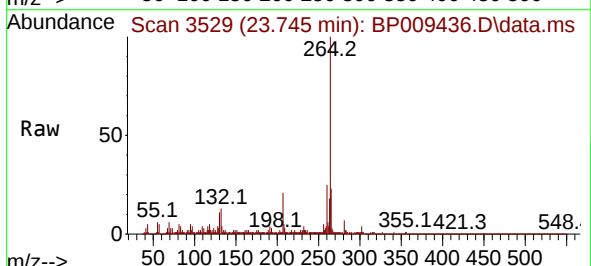
Tgt Ion:264 Resp: 2275920

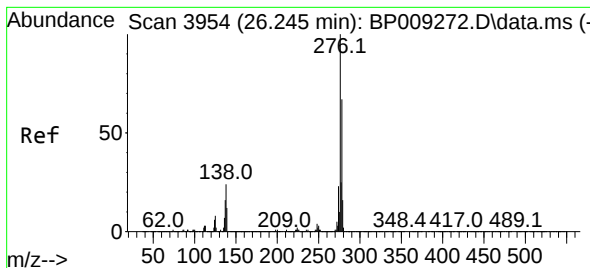
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 23.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.576 ng

RT: 26.256 min Scan# 3954

Delta R.T. 0.012 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

Instrument :

BNA_P

ClientSampleId :

CL-02-031522

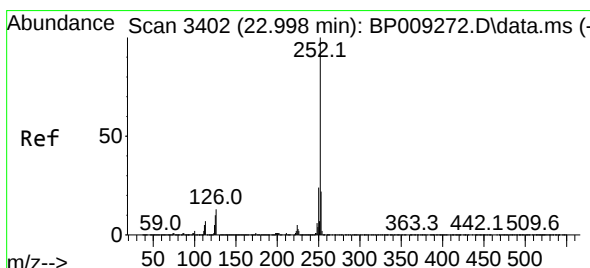
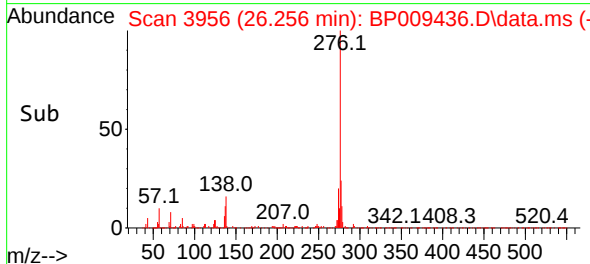
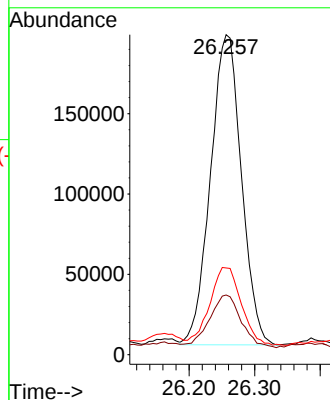
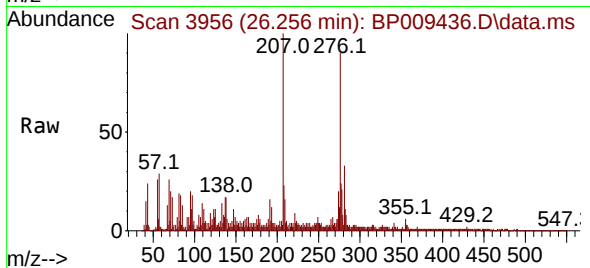
Tgt Ion:276 Resp: 632290

Ion Ratio Lower Upper

276 100

138 17.4 20.5 30.7#

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 10.682 ng

RT: 23.010 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BP009436.D

Acq: 16 Mar 2022 22:50

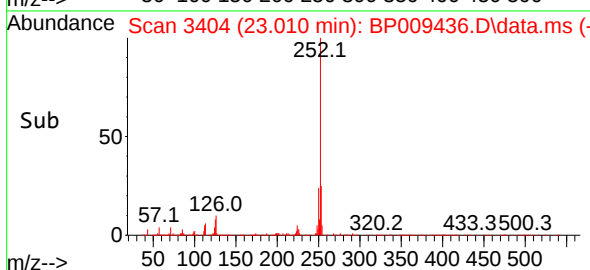
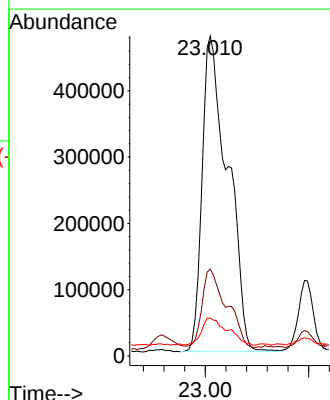
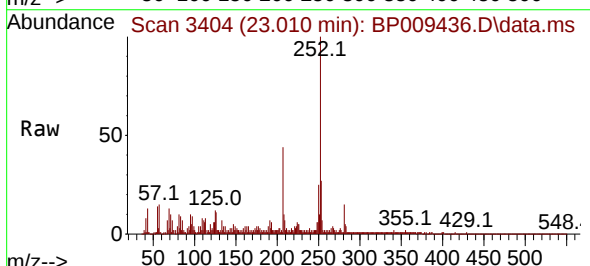
Tgt Ion:252 Resp: 1641538

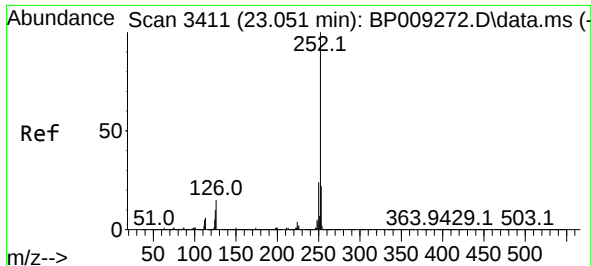
Ion Ratio Lower Upper

252 100

253 27.1 17.8 26.8#

125 11.9 8.1 12.1

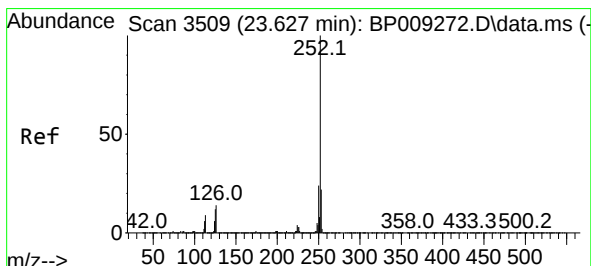
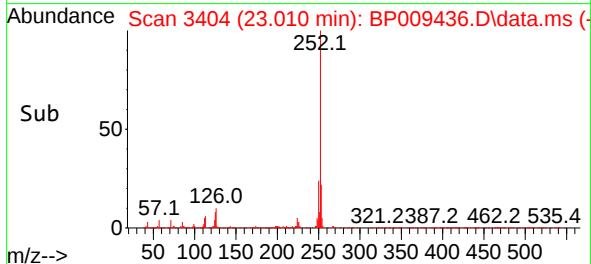
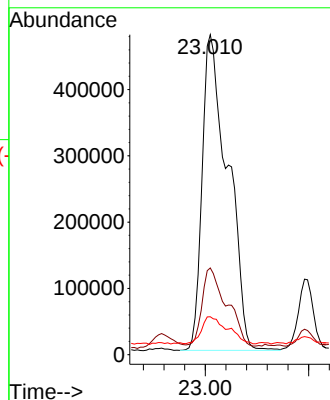
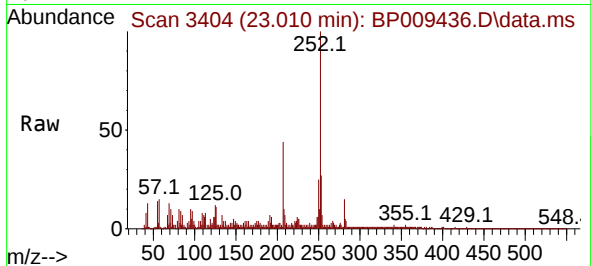




#89
Benzo(k)fluoranthene
Concen: 11.182 ng
RT: 23.010 min Scan# 3411
Delta R.T. -0.041 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

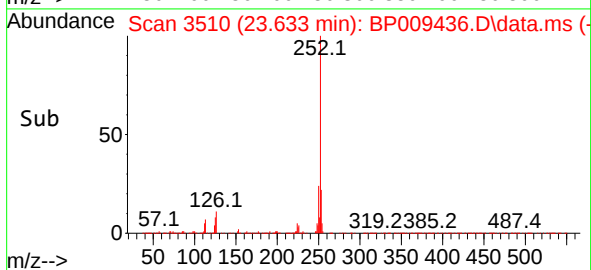
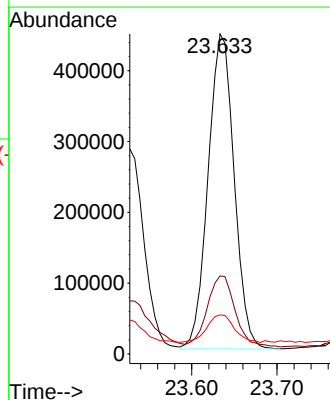
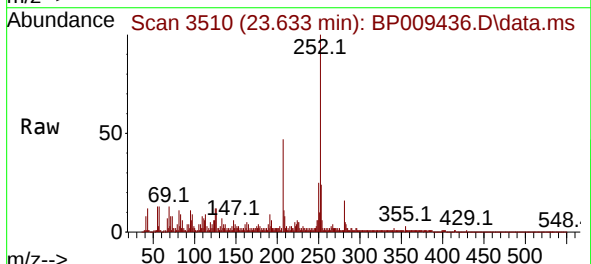
Instrument :
BNA_P
ClientSampleId :
CL-02-031522

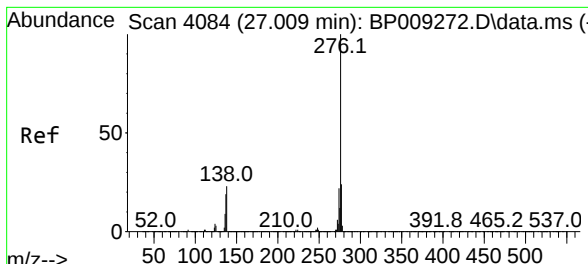
Tgt Ion:252 Resp: 1641538
Ion Ratio Lower Upper
252 100
253 27.1 17.5 26.3#
125 11.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 6.486 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009436.D
Acq: 16 Mar 2022 22:50

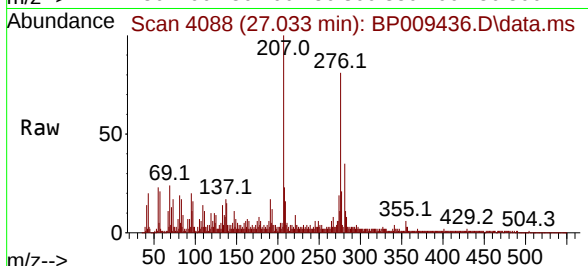
Tgt Ion:252 Resp: 945302
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 12.2 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.270 ng
 RT: 27.033 min Scan# 4088
 Delta R.T. 0.023 min
 Lab File: BP009436.D
 Acq: 16 Mar 2022 22:50

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-031522



Tgt Ion: 276 Resp: 632480

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.2	28.8
138	18.3	18.0	27.0

