

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009335.D
 Acq On : 09 Mar 2022 21:31
 Operator : CG/JU
 Sample : N1845-14 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-14

Quant Time: Mar 10 04:12:12 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)

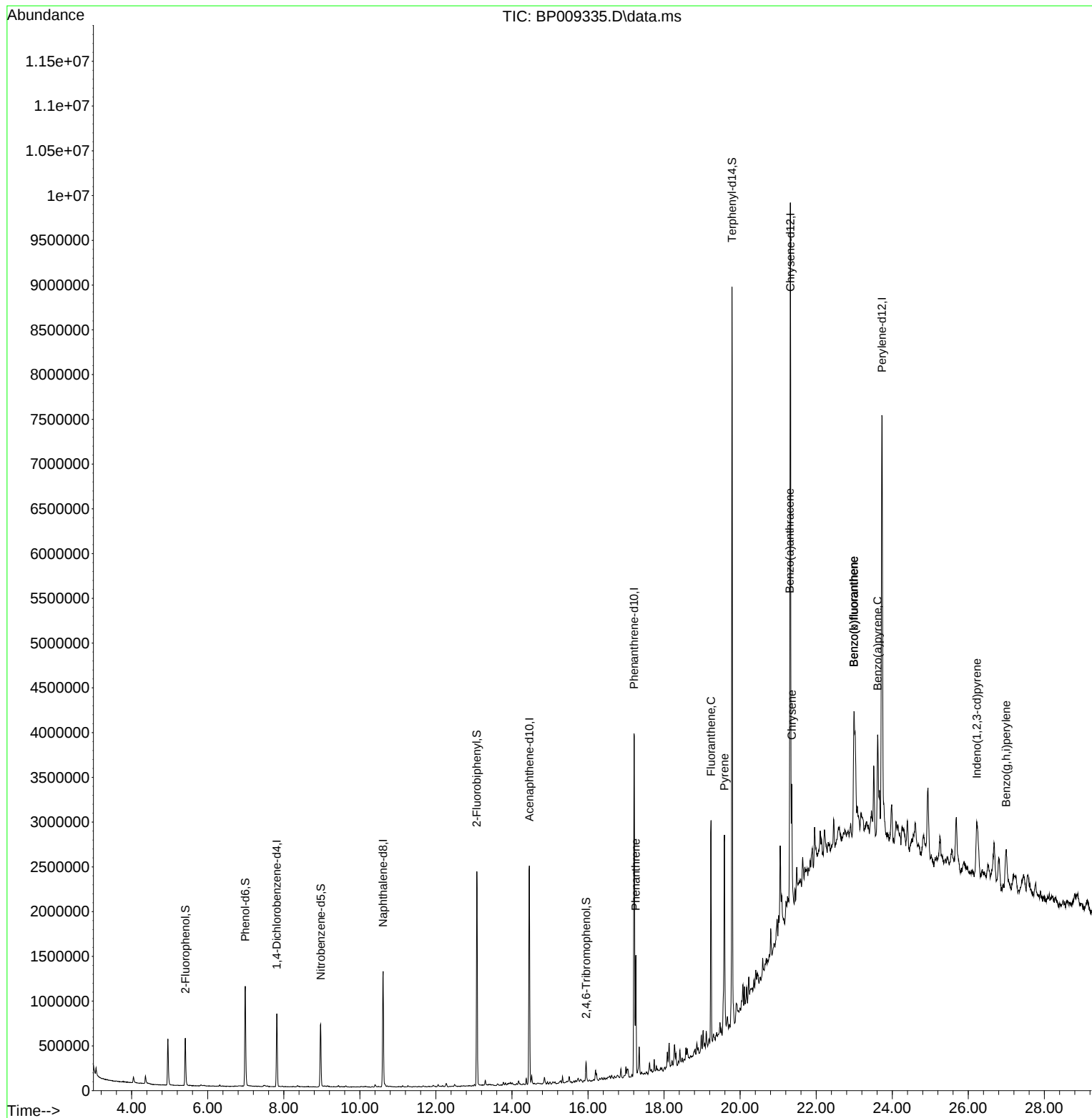
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	246616	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1174473	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	934514	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2589234	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	3695977	20.000	ng	0.00
86) Perylene-d12	23.733	264	3727248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	280404	16.597	ng	0.00
7) Phenol-d6	6.987	99	749913	34.928	ng	0.00
23) Nitrobenzene-d5	8.969	82	461857	21.659	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	40475	3.587	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1366729	20.112	ng	-0.01
79) Terphenyl-d14	19.786	244	4229137	21.594	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	859839	5.778	ng	100
75) Fluoranthene	19.233	202	1539231	8.962	ng	99
78) Pyrene	19.586	202	1353066	5.422	ng	100
81) Benzo(a)anthracene	21.304	228	903258	3.606	ng	99
83) Chrysene	21.357	228	789720	3.247	ng	96
87) Indeno(1,2,3-cd)pyrene	26.227	276	620741	2.144	ng	96
88) Benzo(b)fluoranthene	22.992	252	1685347	6.697	ng	# 94
89) Benzo(k)fluoranthene	22.992	252	1685347	7.010	ng	# 94
90) Benzo(a)pyrene	23.616	252	907288	3.801	ng	# 93
92) Benzo(g,h,i)perylene	26.992	276	609395	2.512	ng	97

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

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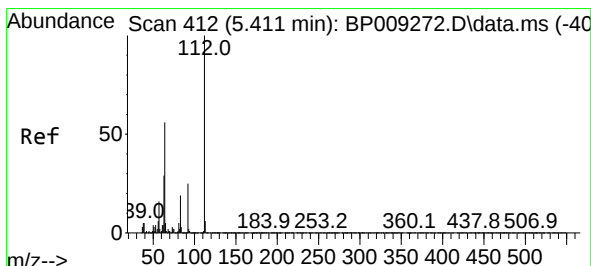
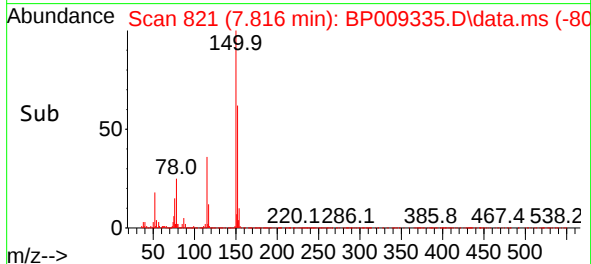
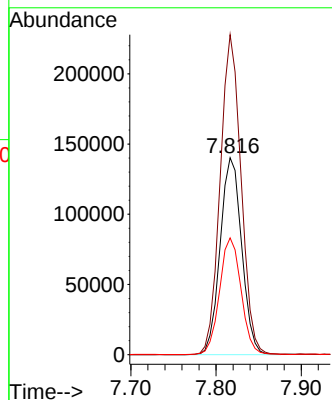
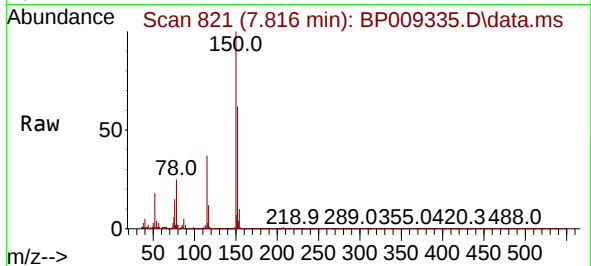




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

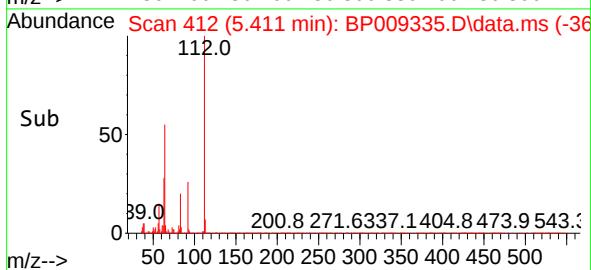
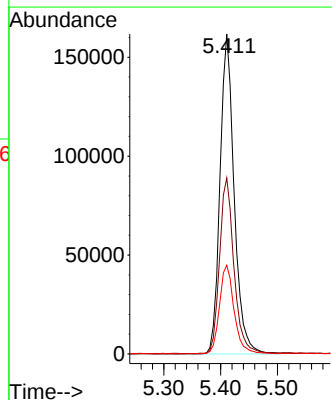
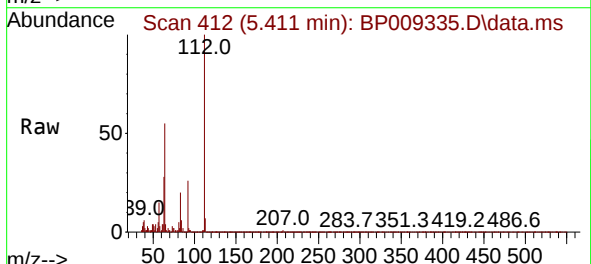
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

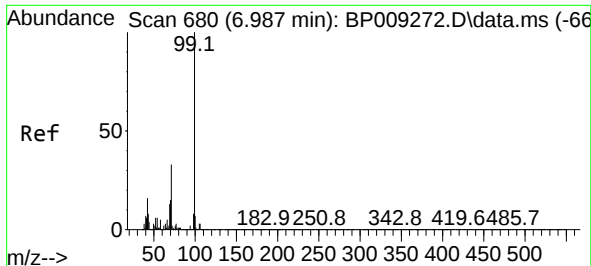
Tgt Ion:152 Resp: 246616
Ion Ratio Lower Upper
152 100
150 162.5 124.5 186.7
115 59.3 48.2 72.4



#5
2-Fluorophenol
Concen: 16.597 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:112 Resp: 280404
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 27.7 23.0 34.6

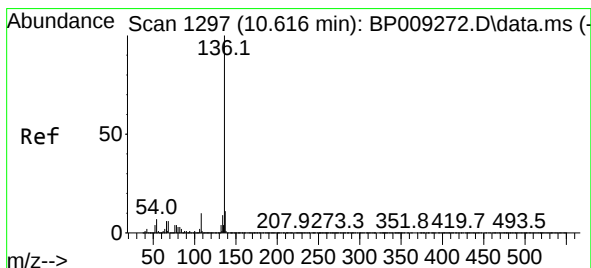
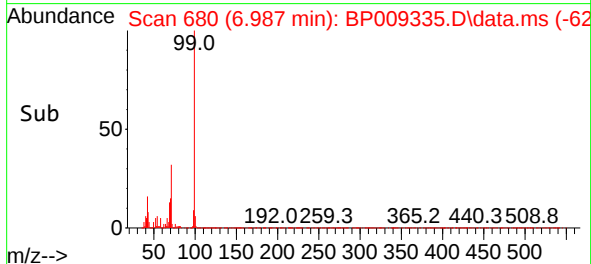
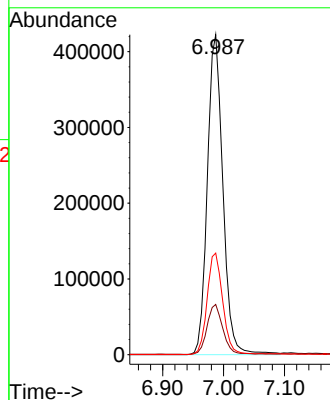
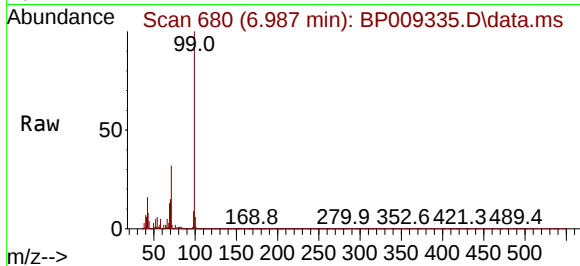




#7
Phenol-d6
Concen: 34.928 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

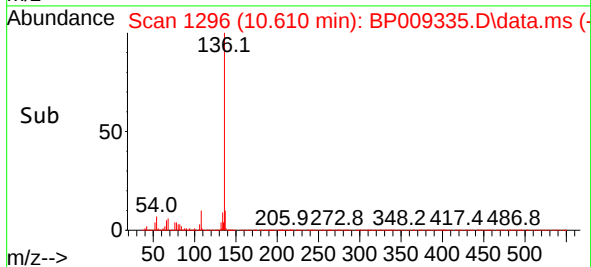
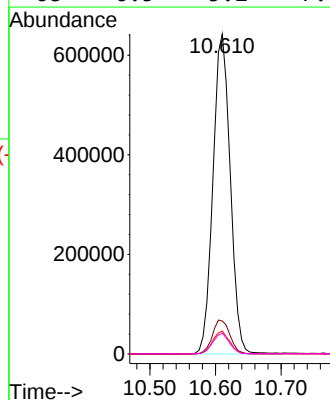
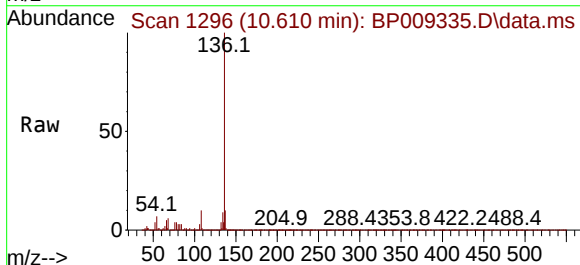
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

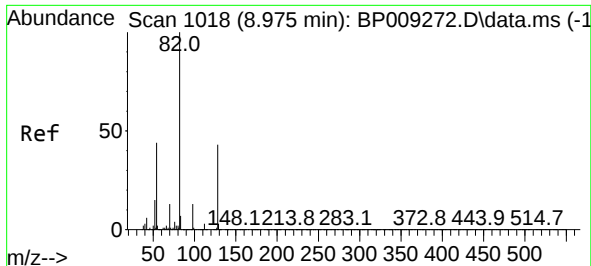
Tgt Ion: 99 Resp: 749913
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 31.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion: 136 Resp: 1174473
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 7.1 5.8 8.8
68 6.5 5.2 7.8

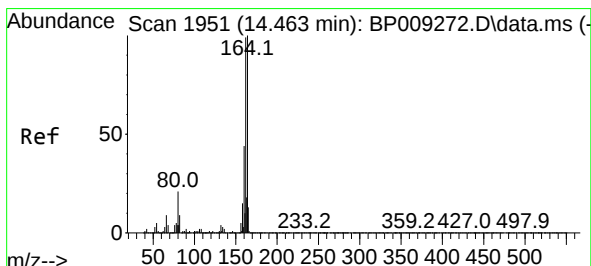
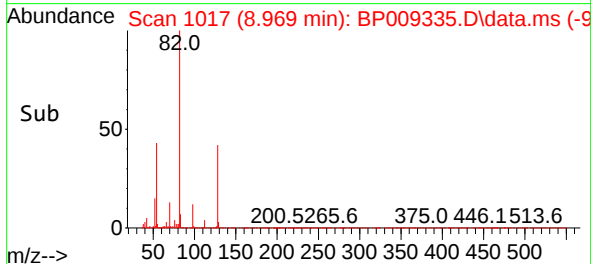
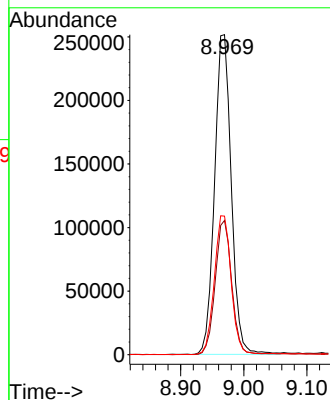
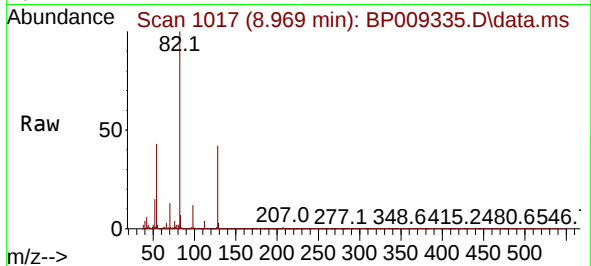




#23
Nitrobenzene-d5
Concen: 21.659 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

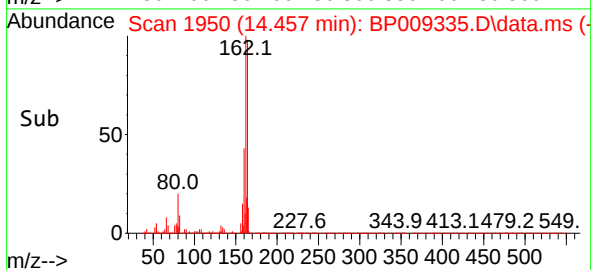
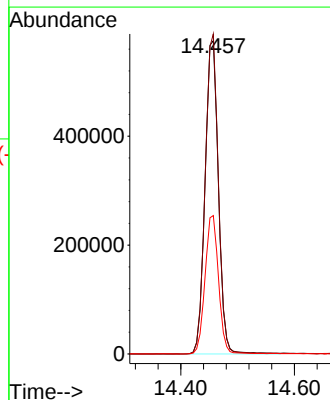
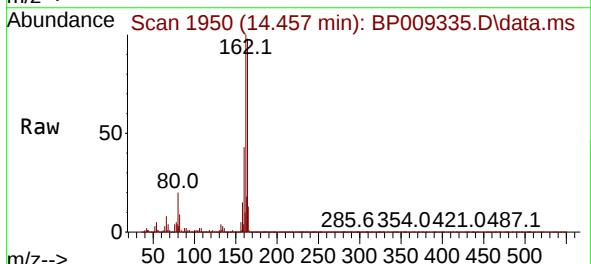
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

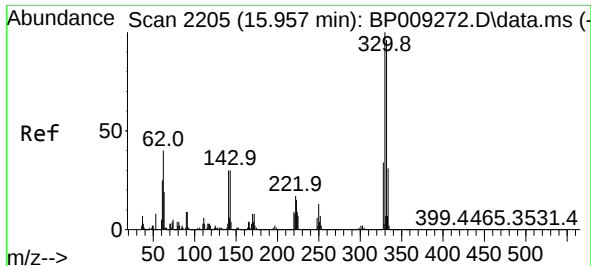
Tgt Ion: 82 Resp: 461857
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.4
54 43.3 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:164 Resp: 934514
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 44.2 34.9 52.3

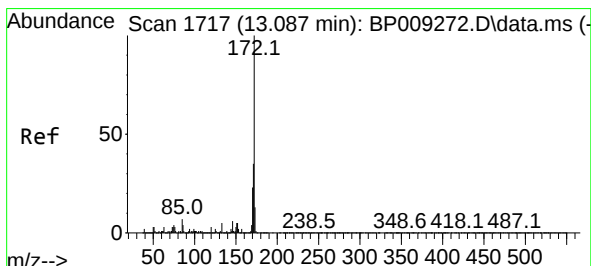
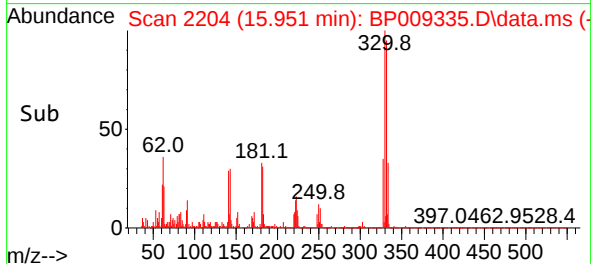
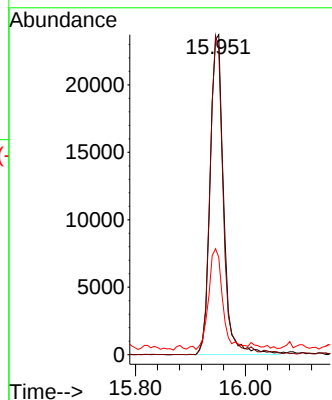
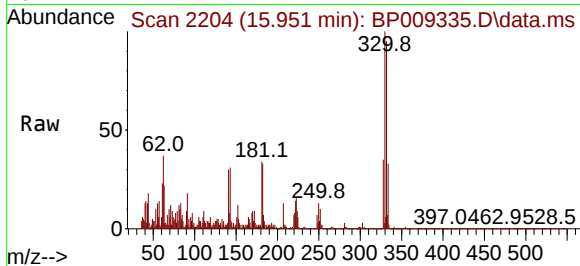




#42
2,4,6-Tribromophenol
Concen: 3.587 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

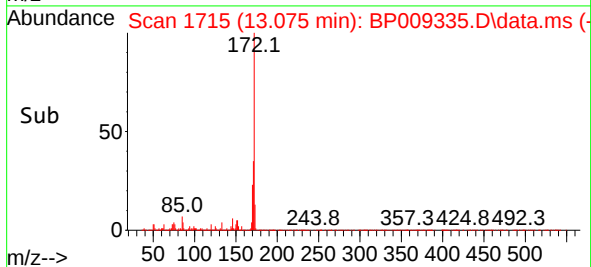
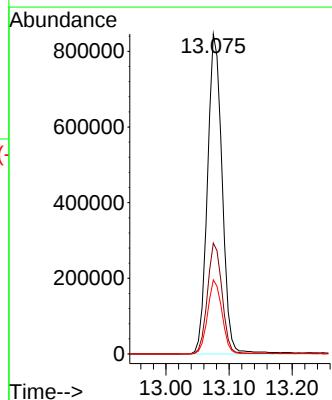
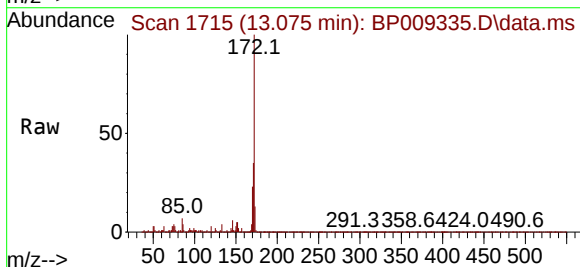
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

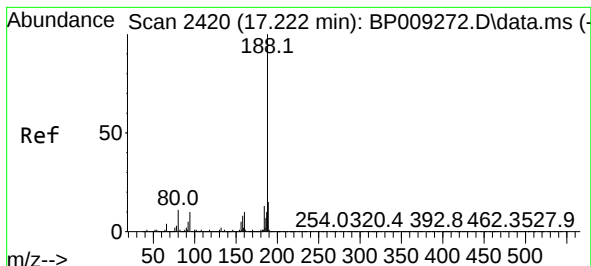
Tgt Ion: 330 Resp: 40475
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 20.112 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion: 172 Resp: 1366729
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-14

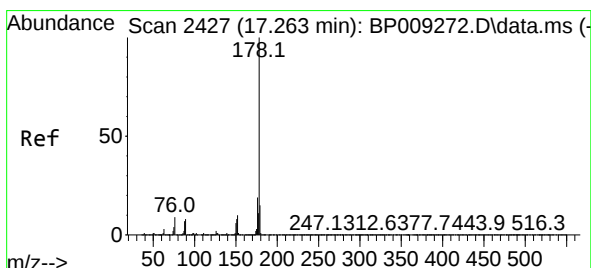
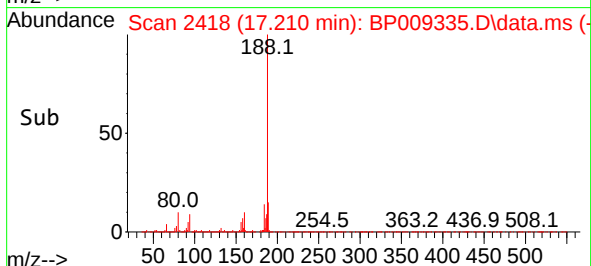
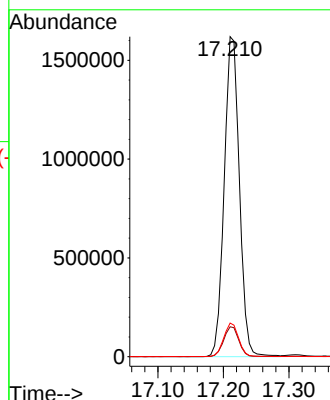
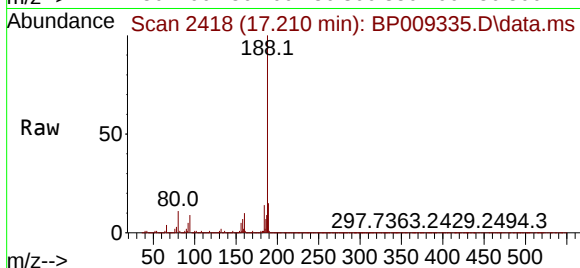
Tgt Ion:188 Resp: 2589234

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.5 8.8 13.2



#71

Phenanthrene

Concen: 5.778 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

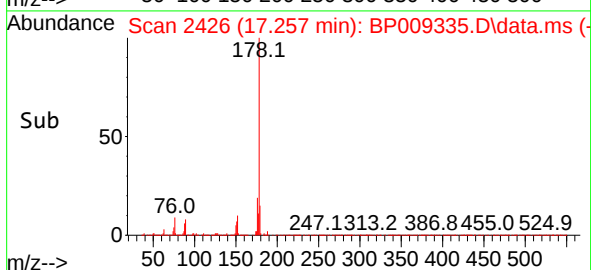
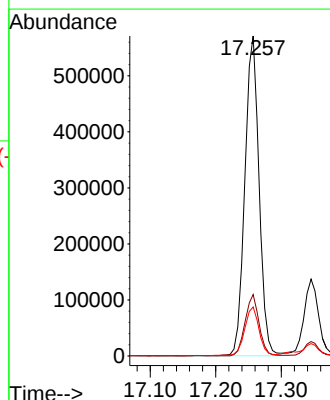
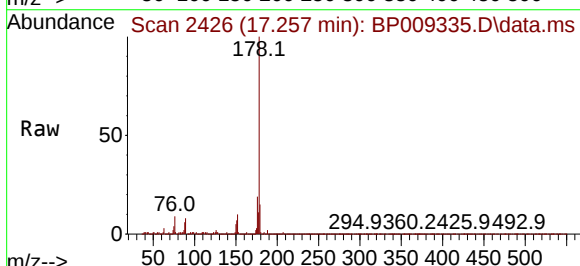
Tgt Ion:178 Resp: 859839

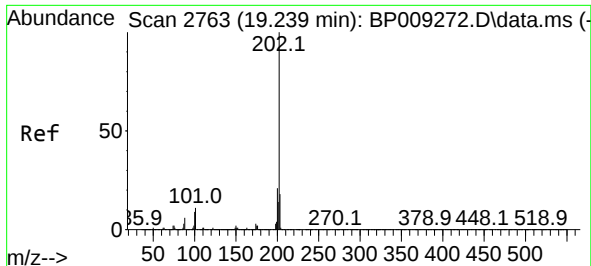
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.3 18.5

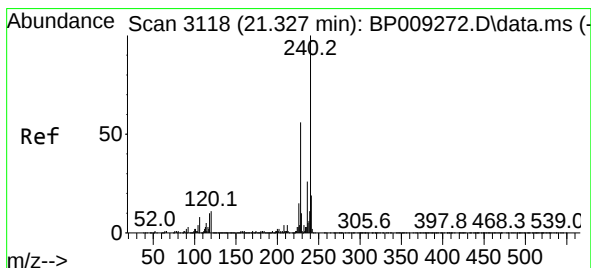
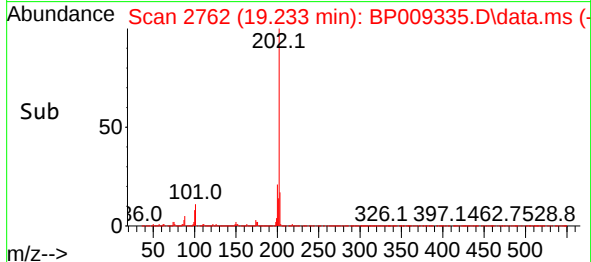
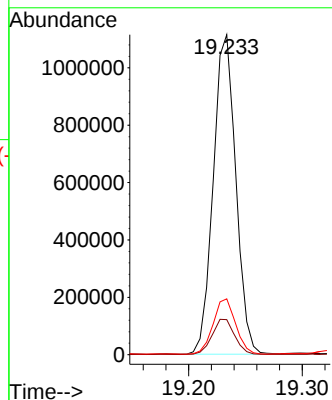
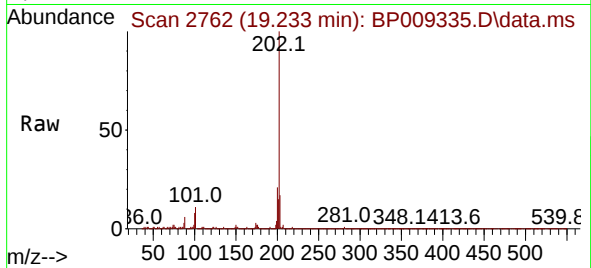




#75
Fluoranthene
Concen: 8.962 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

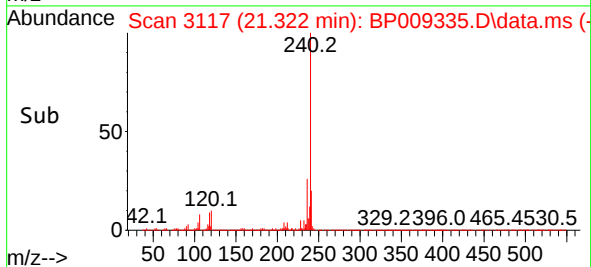
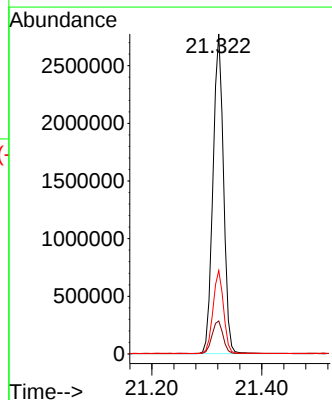
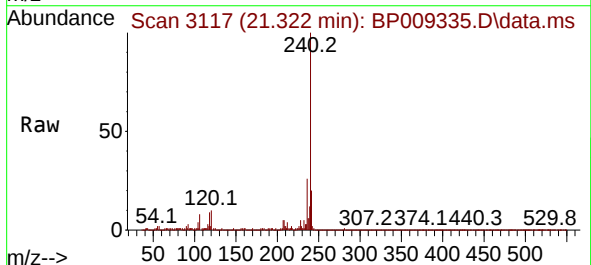
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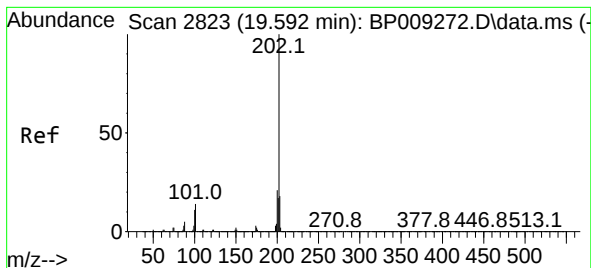
Tgt Ion:202 Resp: 1539231
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:240 Resp: 3695977
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.0 20.6 30.8





#78

Pyrene

Concen: 5.422 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-14

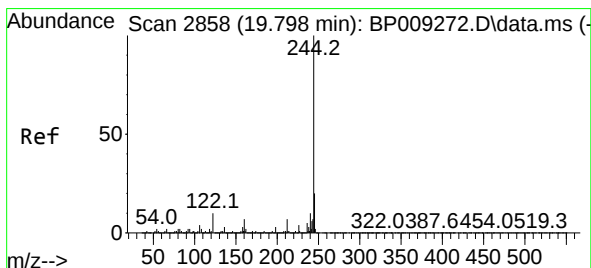
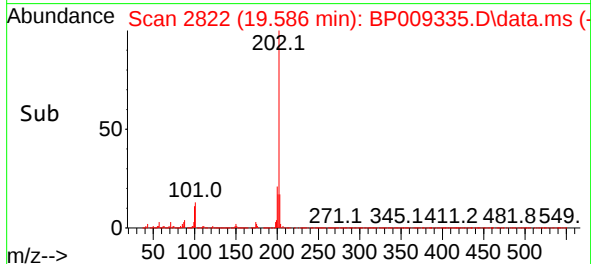
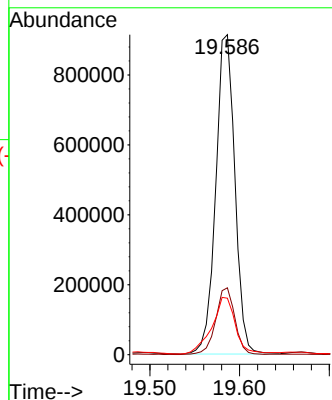
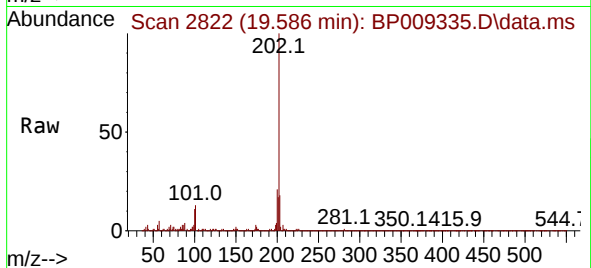
Tgt Ion:202 Resp: 1353066

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.7 14.2 21.4



#79

Terphenyl-d14

Concen: 21.594 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.012 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

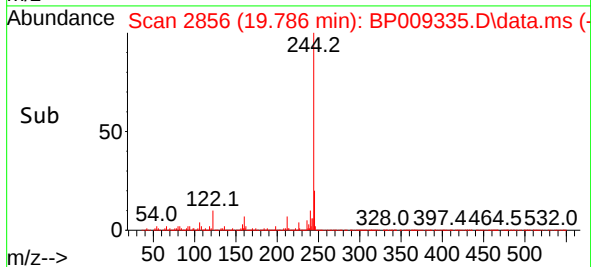
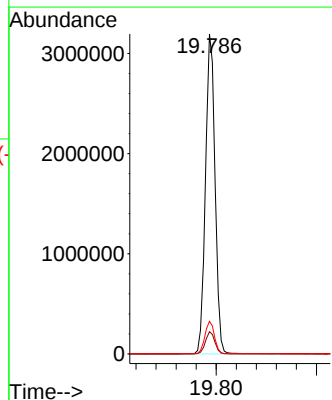
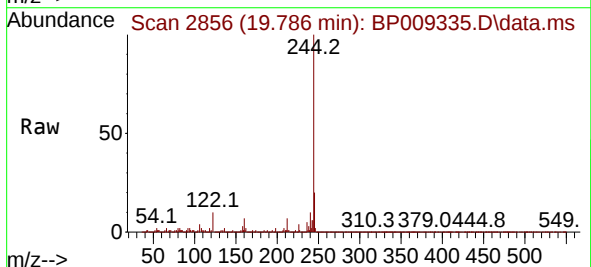
Tgt Ion:244 Resp: 4229137

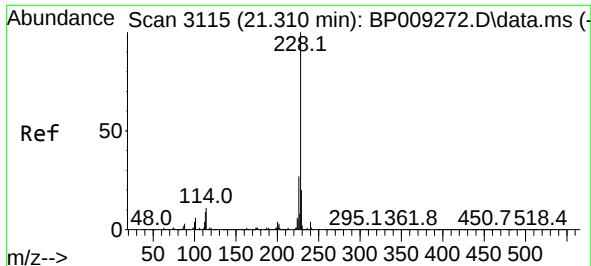
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.2 8.3 12.5

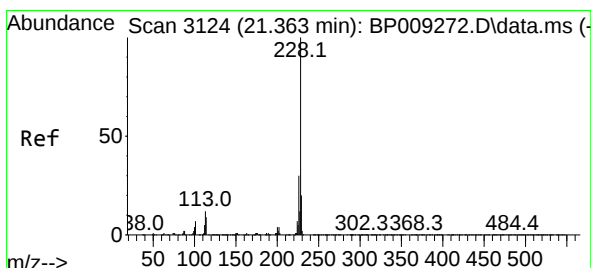
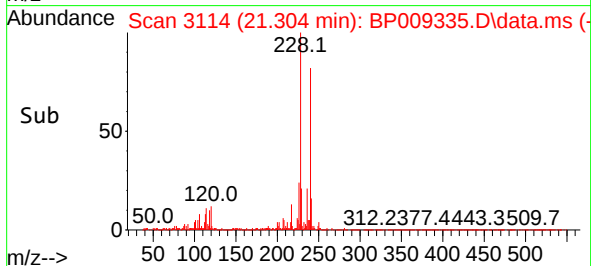
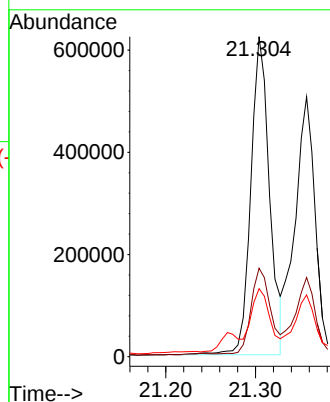
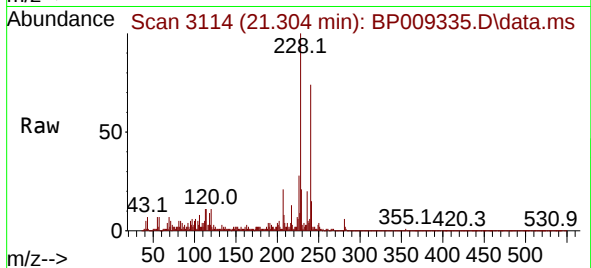




#81
Benzo(a)anthracene
Concen: 3.606 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

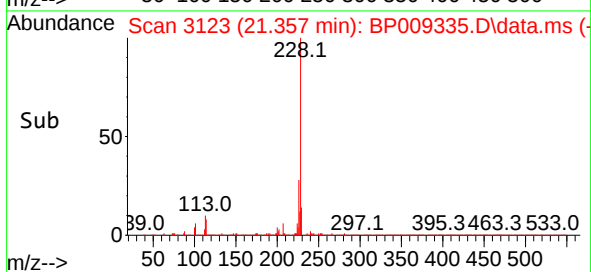
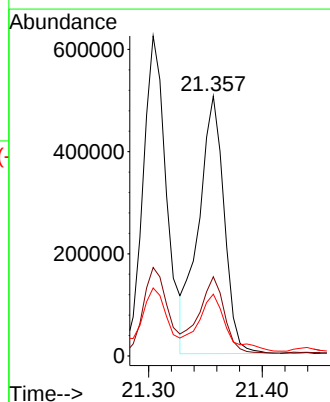
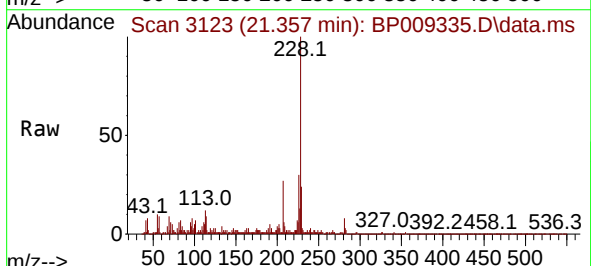
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

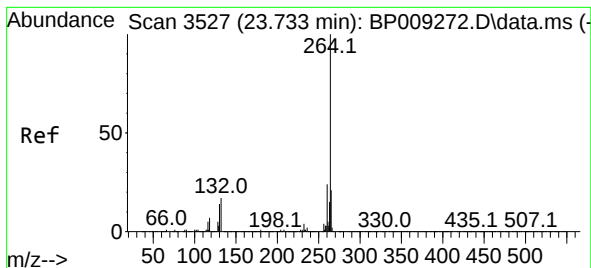
Tgt Ion:228 Resp: 903258
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 21.3 16.1 24.1



#83
Chrysene
Concen: 3.247 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:228 Resp: 789720
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.8 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-14

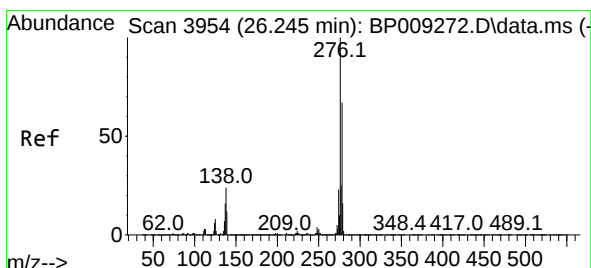
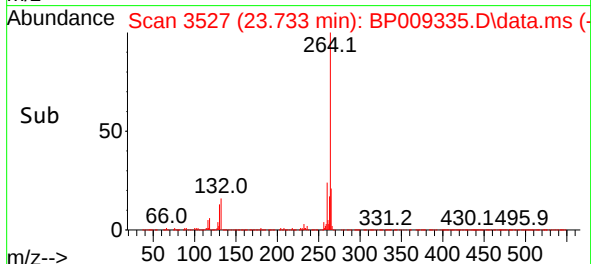
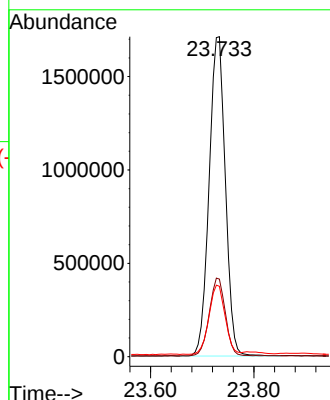
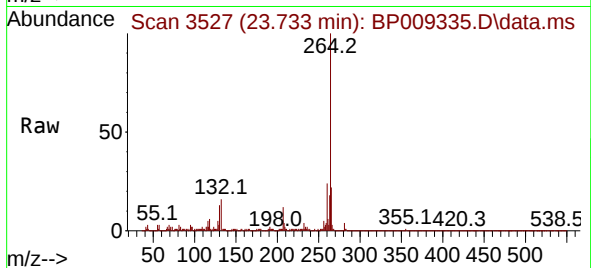
Tgt Ion:264 Resp: 3727248

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.0 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.144 ng

RT: 26.227 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

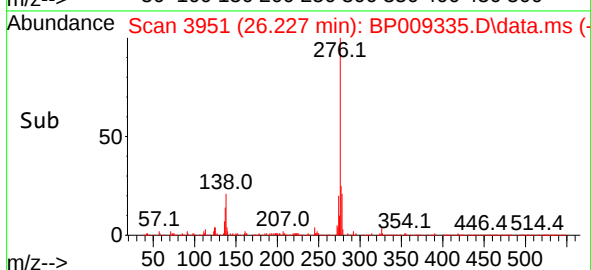
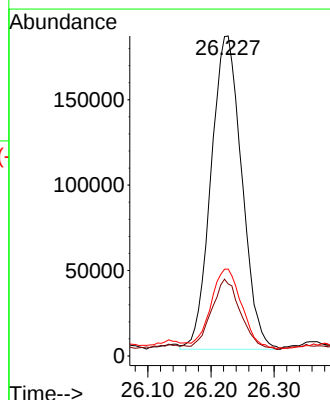
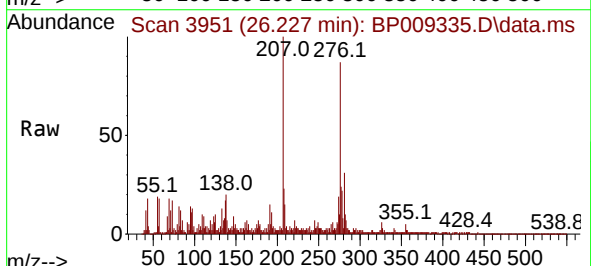
Tgt Ion:276 Resp: 620741

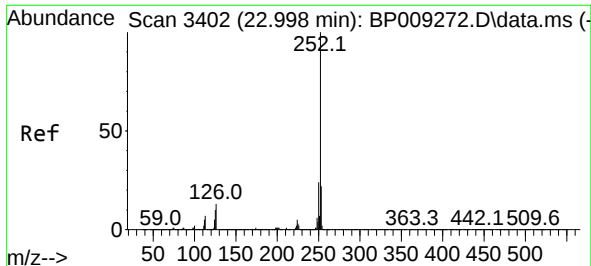
Ion Ratio Lower Upper

276 100

138 21.4 20.5 30.7

277 25.5 20.4 30.6

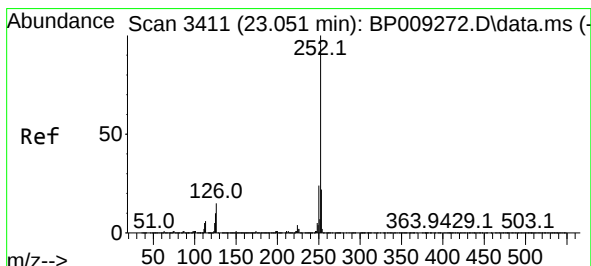
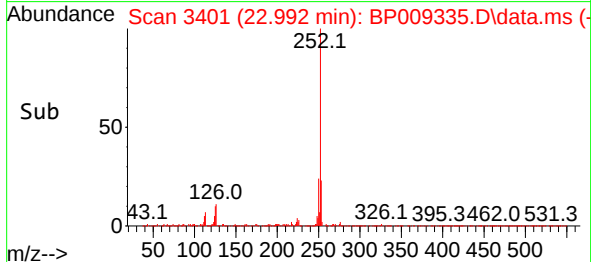
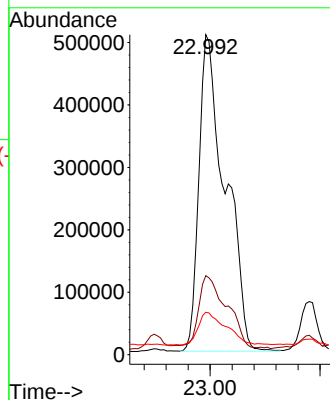
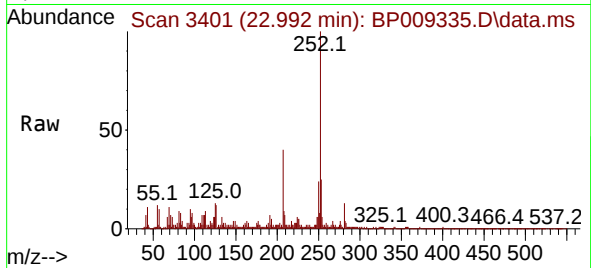




#88
Benzo(b)fluoranthene
Concen: 6.697 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

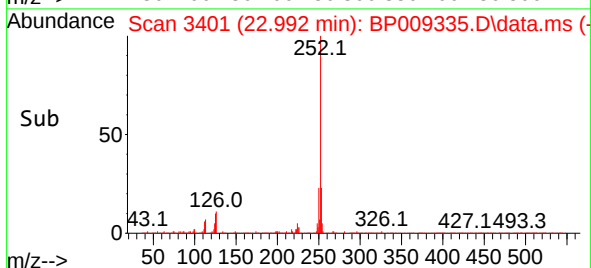
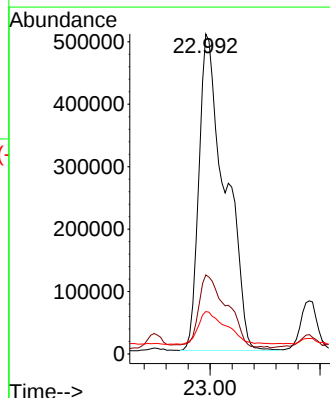
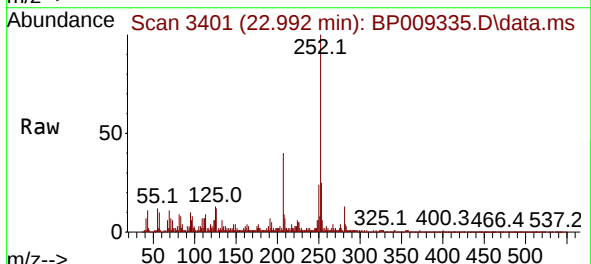
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

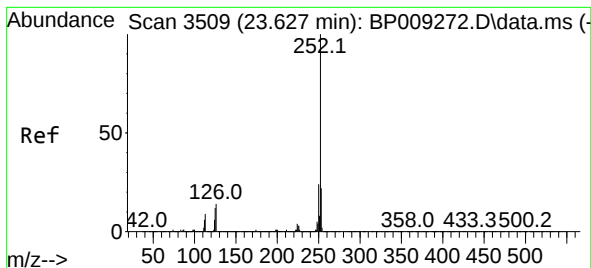
Tgt Ion:252 Resp: 1685347
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 13.2 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 7.010 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.059 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:252 Resp: 1685347
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 13.2 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.801 ng

RT: 23.616 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-14

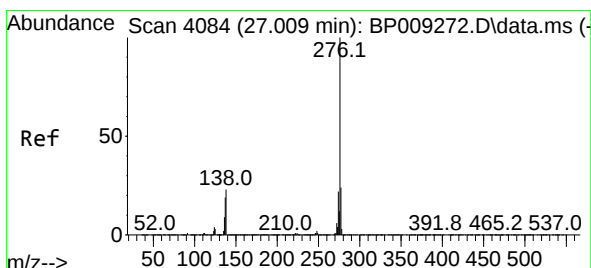
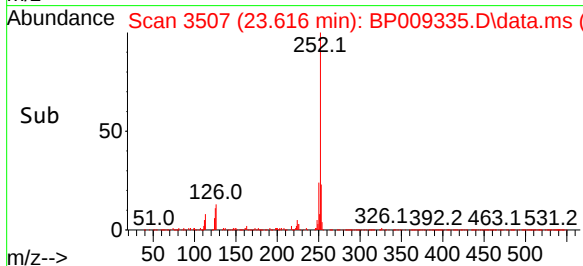
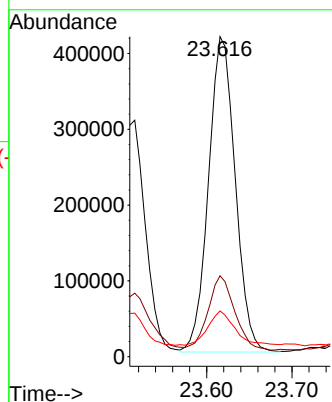
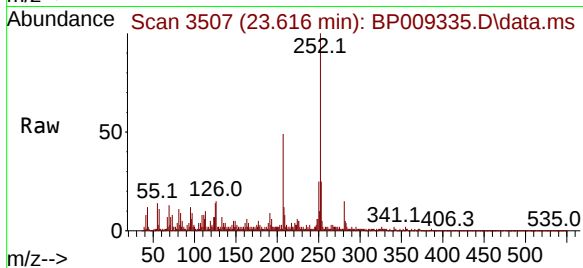
Tgt Ion:252 Resp: 907288

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 14.3 9.3 13.9#



#92

Benzo(g,h,i)perylene

Concen: 2.512 ng

RT: 26.992 min Scan# 4081

Delta R.T. -0.018 min

Lab File: BP009335.D

Acq: 09 Mar 2022 21:31

Tgt Ion:276 Resp: 609395

Ion Ratio Lower Upper

276 100

277 25.4 19.2 28.8

138 20.7 18.0 27.0

