

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009426.D
 Acq On : 16 Mar 2022 17:12
 Operator : CG/JU
 Sample : N1952-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CON-2

Quant Time: Mar 17 01:09:26 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)

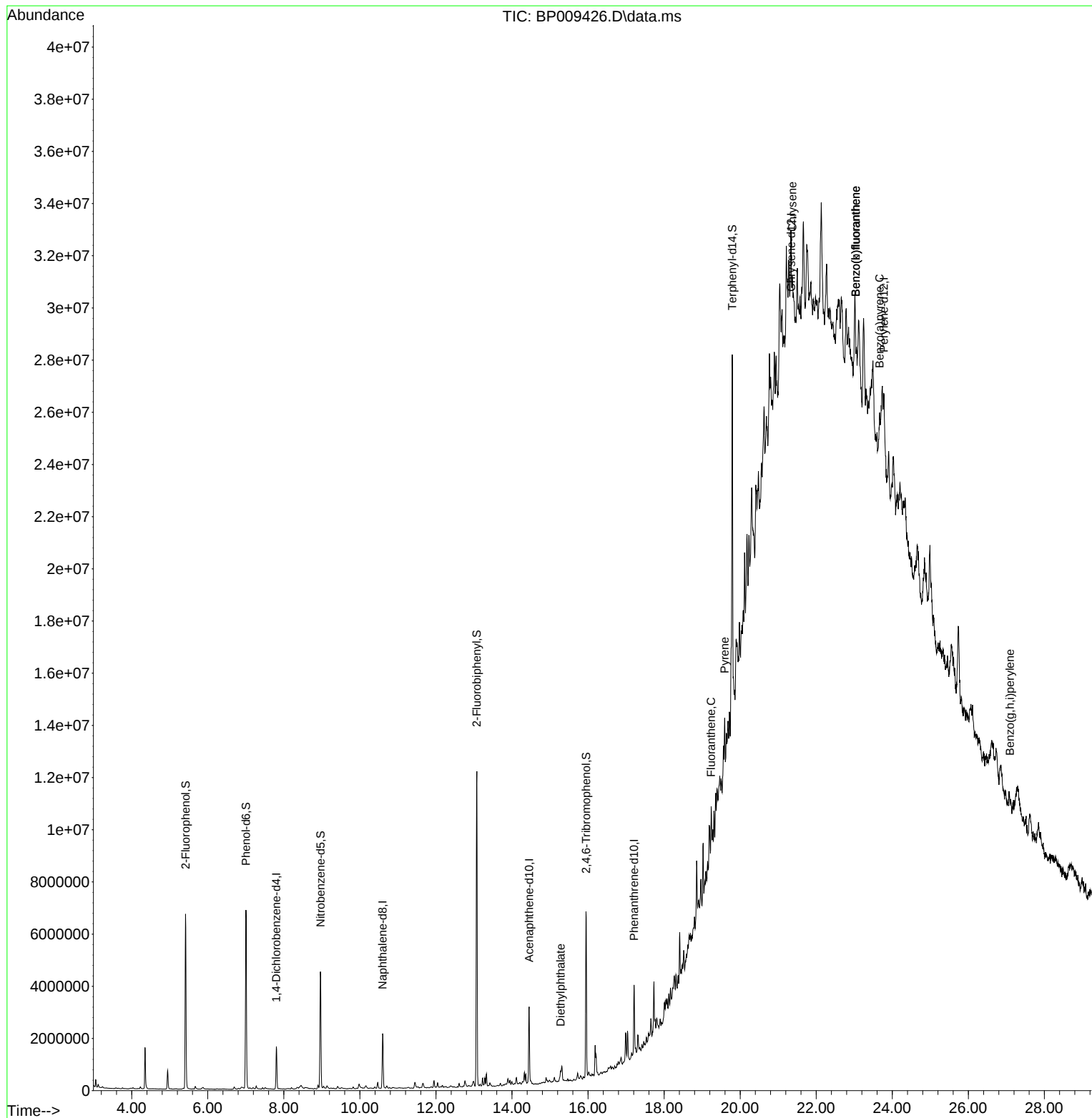
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	482698	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	1894768	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	1070234	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1807123	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	1599099	20.000	ng	0.01
86) Perylene-d12	23.780	264	1838287	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3352463	101.379	ng	0.00
7) Phenol-d6	7.005	99	4511584	107.359	ng	0.02
23) Nitrobenzene-d5	8.963	82	2939345	85.443	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1529730	118.372	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	7097640	91.202	ng	-0.01
79) Terphenyl-d14	19.792	244	7793371	91.971	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.281	149	271094	3.527	ng	98
75) Fluoranthene	19.233	202	339983	2.836	ng	89
78) Pyrene	19.592	202	435293	4.032	ng	# 91
83) Chrysene	21.369	228	237169	2.254	ng	# 67
88) Benzo(b)fluoranthene	23.039	252	653093	5.262	ng	# 1
89) Benzo(k)fluoranthene	23.039	252	653093	5.508	ng	# 1
90) Benzo(a)pyrene	23.668	252	365980	3.109	ng	# 1
92) Benzo(g,h,i)perylene	27.092	276	241828	2.021	ng	# 46

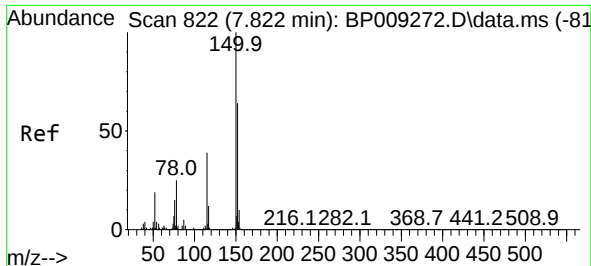
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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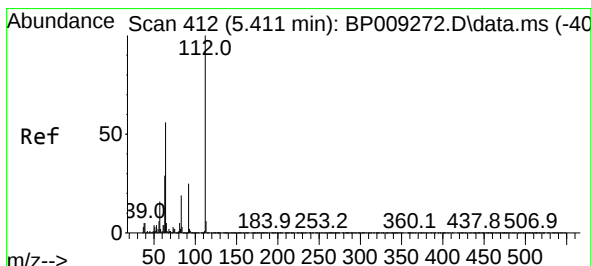
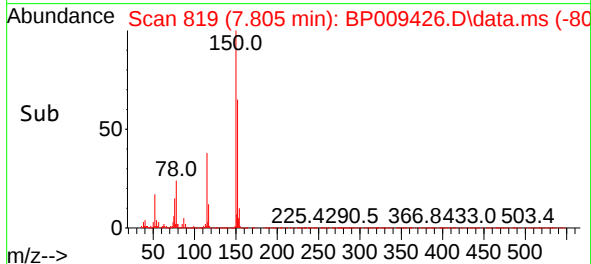
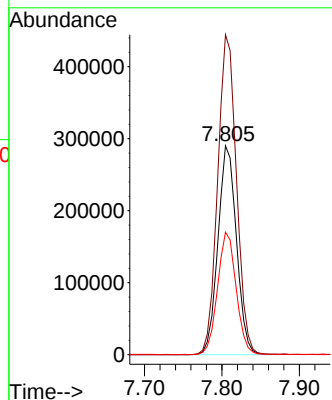
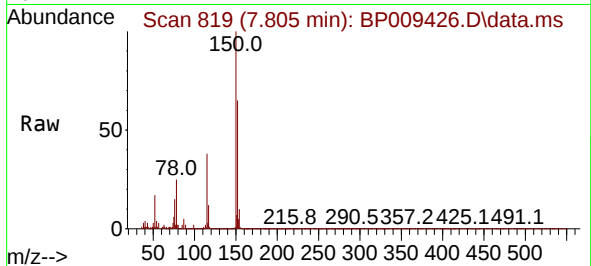




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

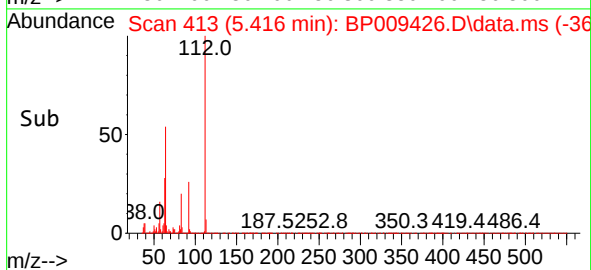
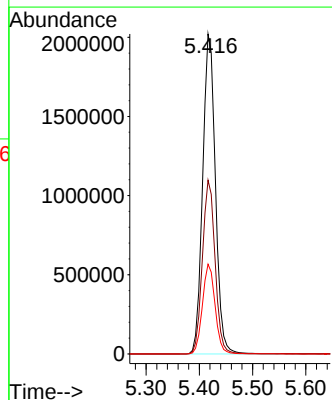
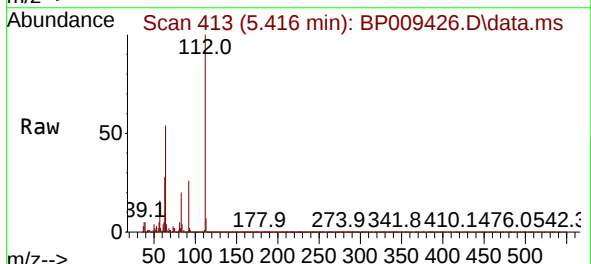
Instrument :
BNA_P
ClientSampleId :
CON-2

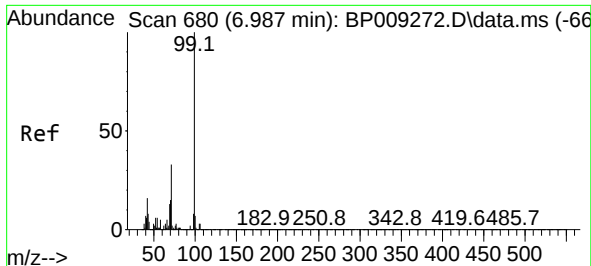
Tgt Ion:152 Resp: 482698
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 101.379 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:112 Resp: 3352463
Ion Ratio Lower Upper
112 100
64 54.3 45.0 67.4
63 28.0 23.0 34.6

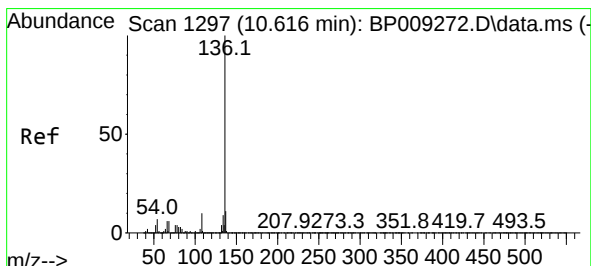
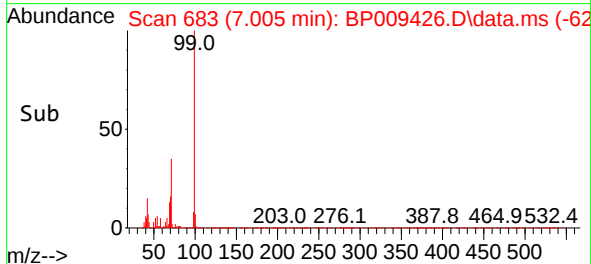
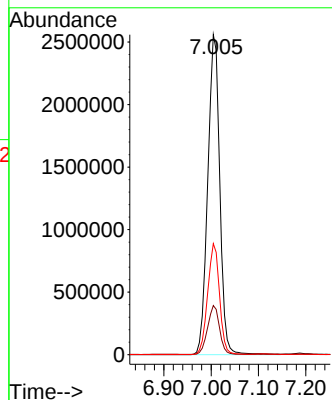
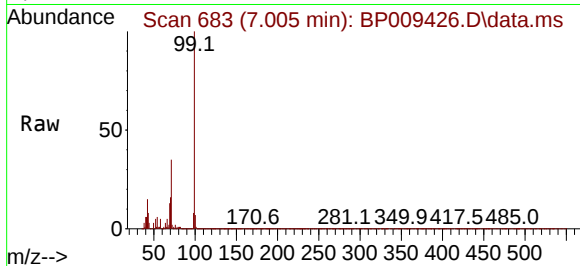




#7
Phenol-d6
Concen: 107.359 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

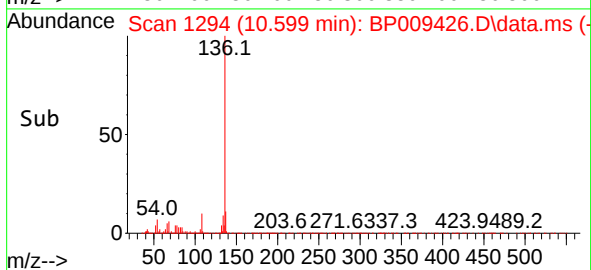
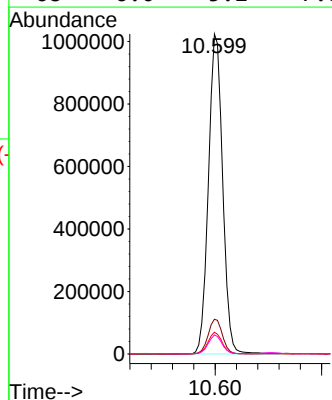
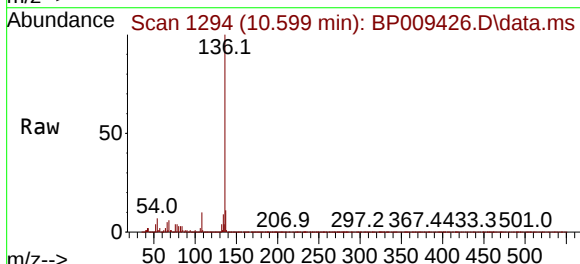
Instrument :
BNA_P
ClientSampleId :
CON-2

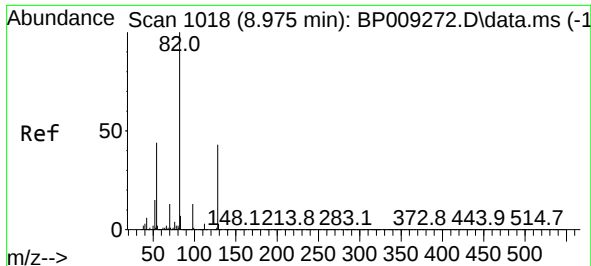
Tgt Ion: 99 Resp: 4511584
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 34.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:136 Resp: 1894768
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.8 5.8 8.8
68 6.0 5.2 7.8

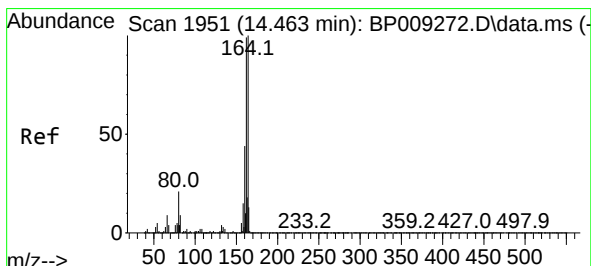
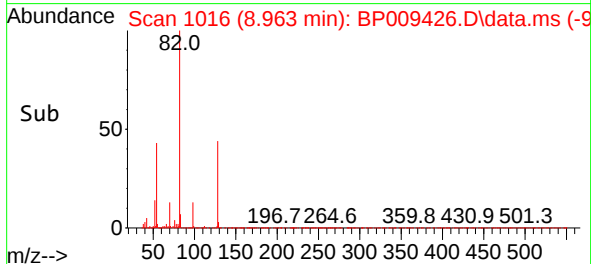
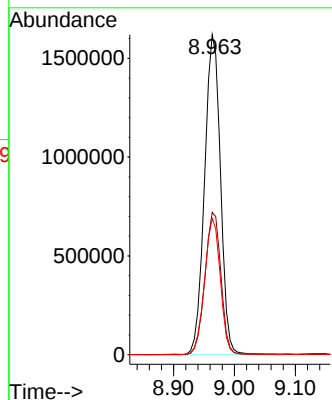
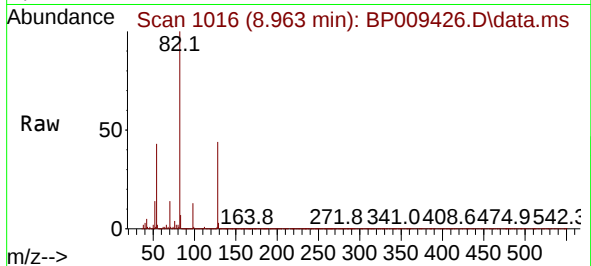




#23
Nitrobenzene-d5
Concen: 85.443 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

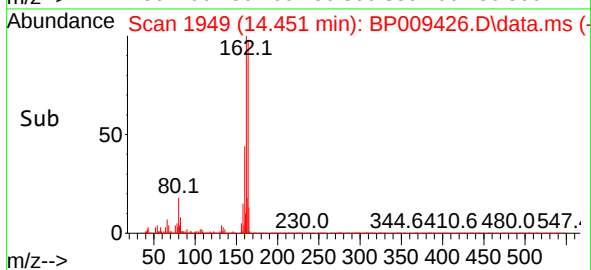
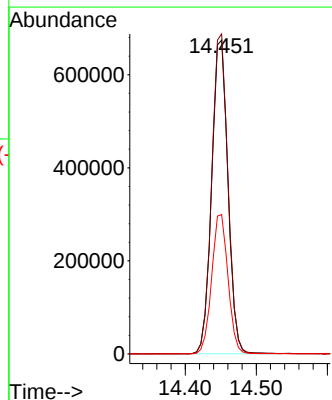
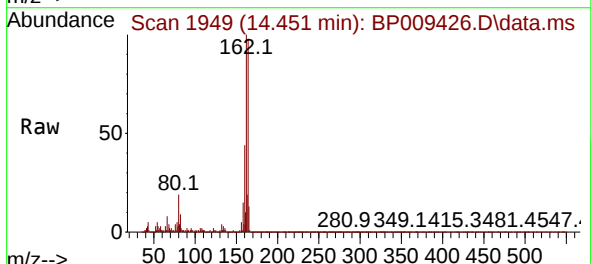
Instrument :
BNA_P
ClientSampleId :
CON-2

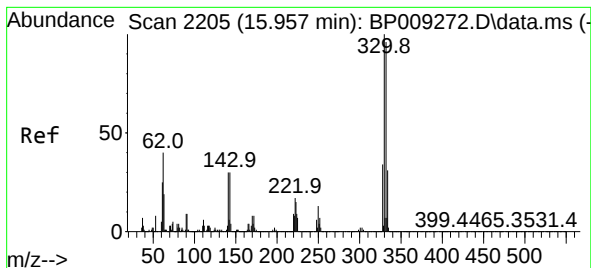
Tgt Ion: 82 Resp: 2939345
Ion Ratio Lower Upper
82 100
128 44.5 34.2 51.4
54 42.6 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:164 Resp: 1070234
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.372 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Instrument :

BNA_P

ClientSampleId :

CON-2

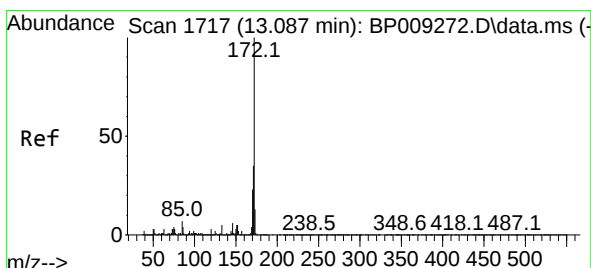
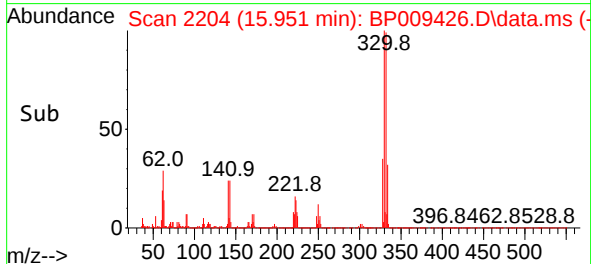
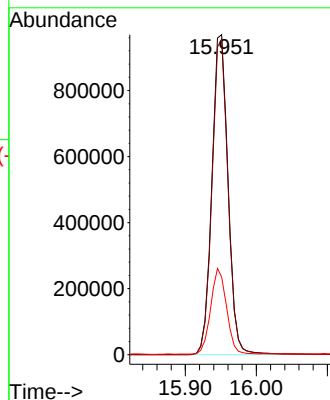
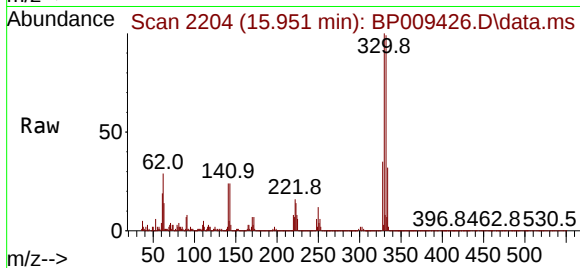
Tgt Ion:330 Resp: 1529730

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

141 26.3 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 91.202 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

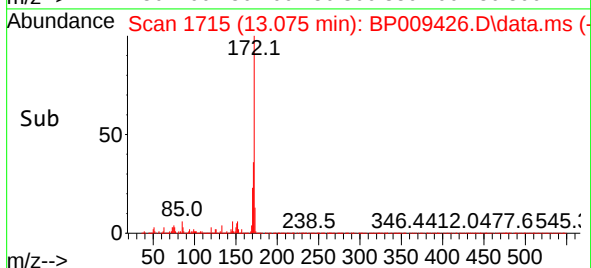
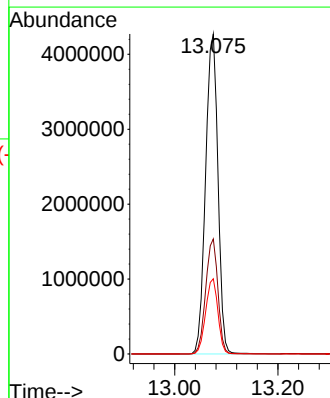
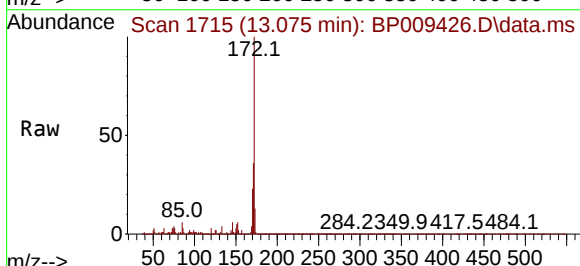
Tgt Ion:172 Resp: 7097640

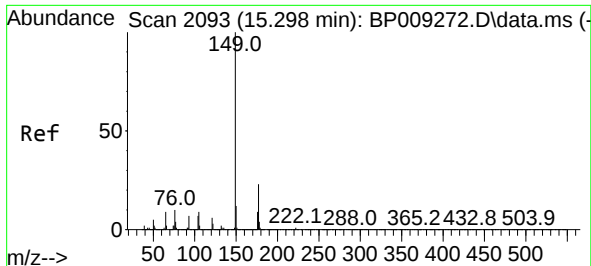
Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

170 23.5 18.6 27.8

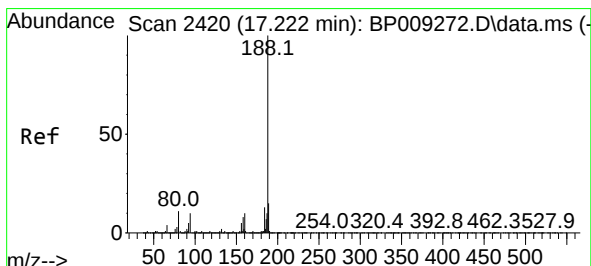
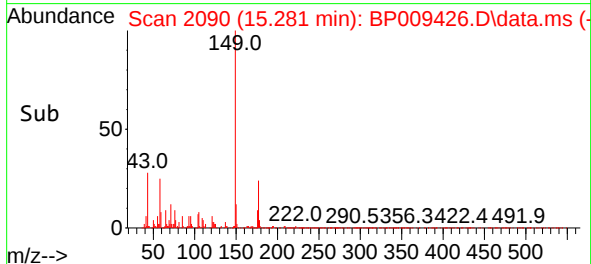
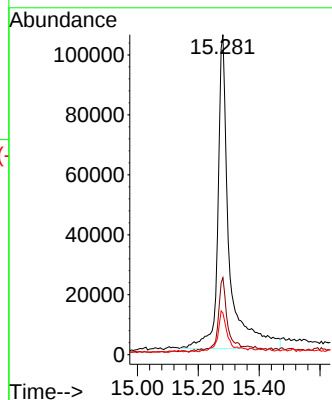
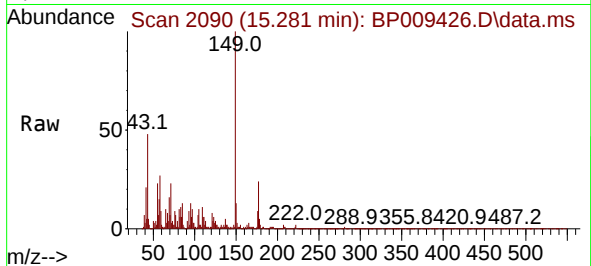




#60
Diethylphthalate
Concen: 3.527 ng
RT: 15.281 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

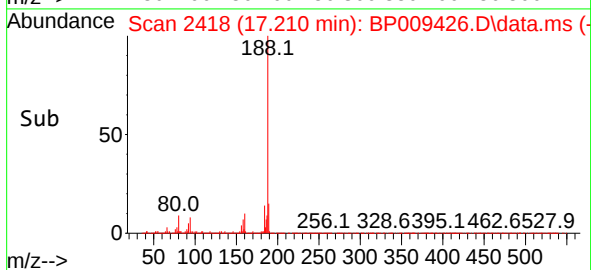
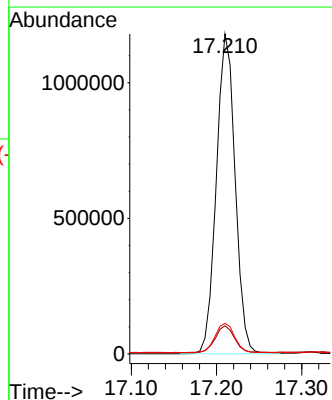
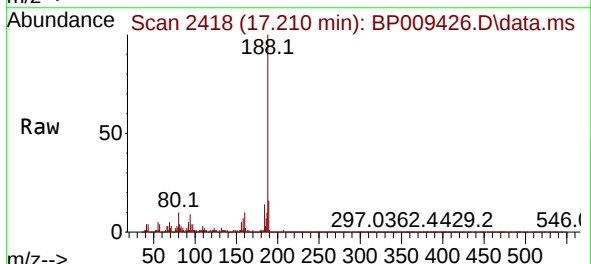
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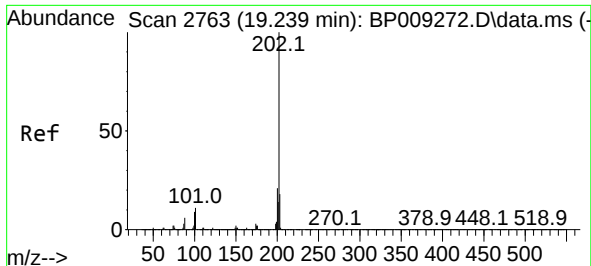
Tgt Ion:149 Resp: 271094
Ion Ratio Lower Upper
149 100
177 24.1 18.2 27.2
150 13.0 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:188 Resp: 1807123
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2

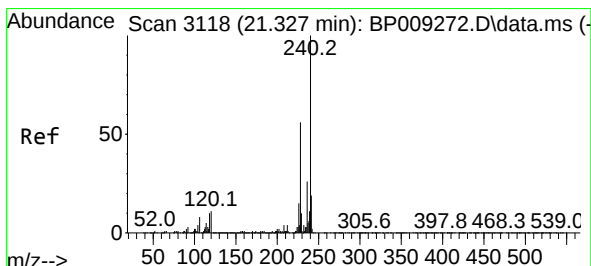
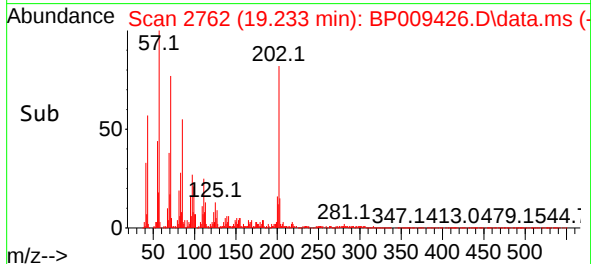
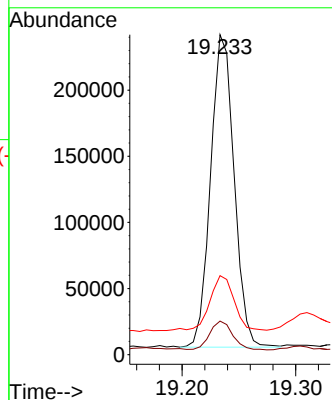
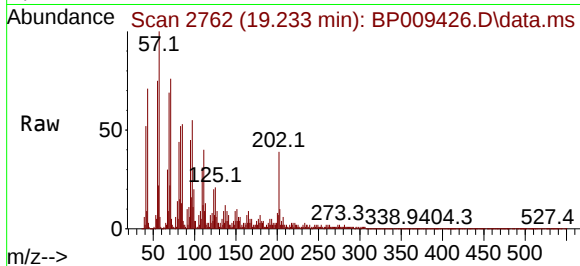




#75
Fluoranthene
Concen: 2.836 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

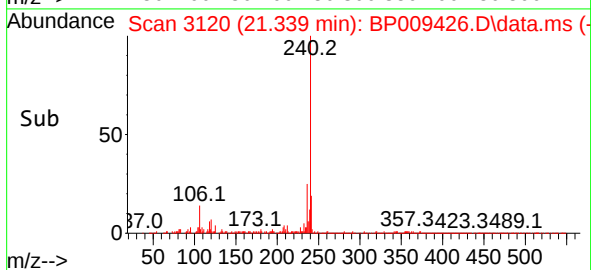
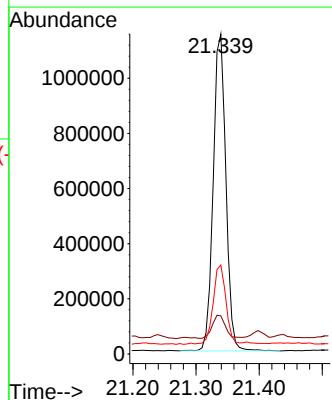
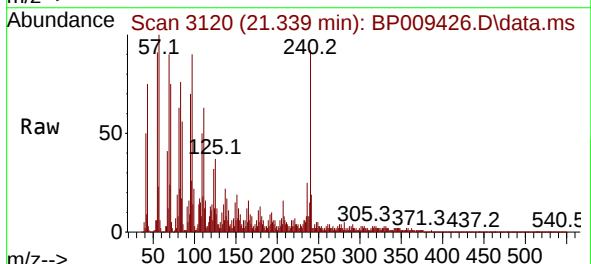
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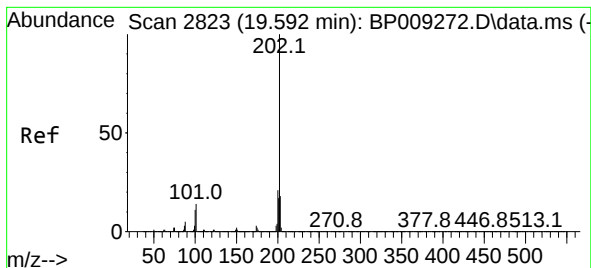
Tgt Ion:202 Resp: 339983
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 24.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:240 Resp: 1599099
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 27.8 20.6 30.8





#78

Pyrene

Concen: 4.032 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Instrument :

BNA_P

ClientSampleId :

CON-2

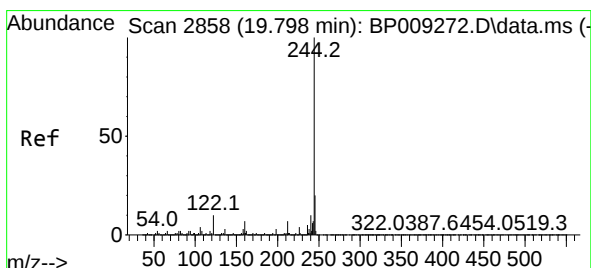
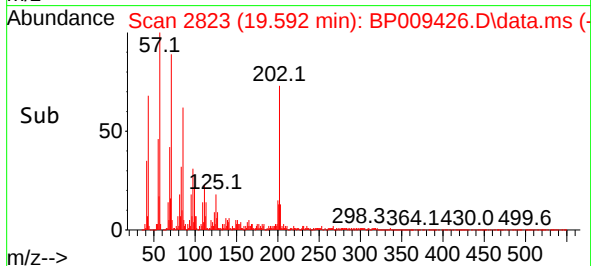
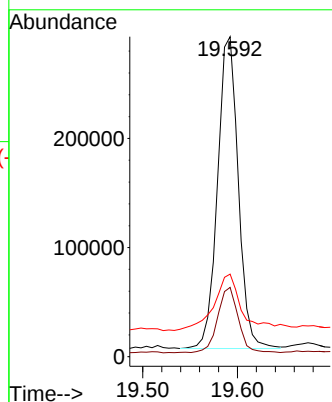
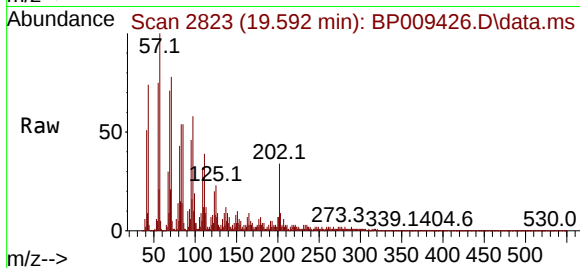
Tgt Ion:202 Resp: 435293

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 25.8 14.2 21.4#



#79

Terphenyl-d14

Concen: 91.971 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

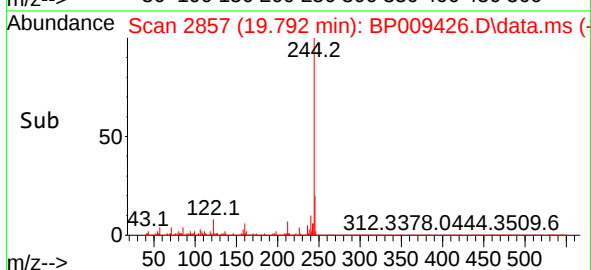
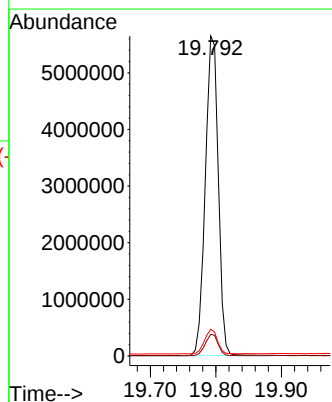
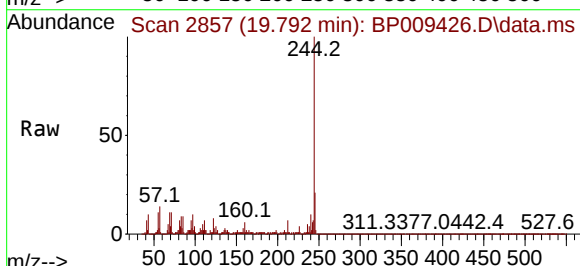
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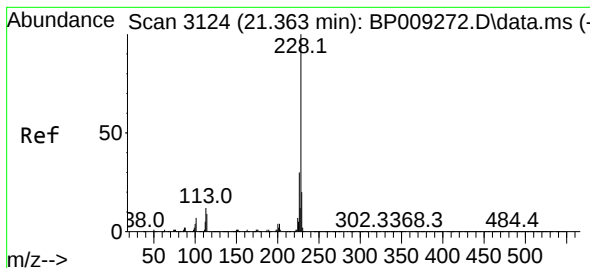
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 8.4 8.3 12.5





#83

Chrysene

Concen: 2.254 ng

RT: 21.369 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Instrument :

BNA_P

ClientSampleId :

CON-2

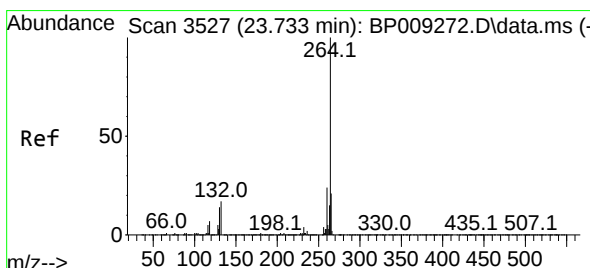
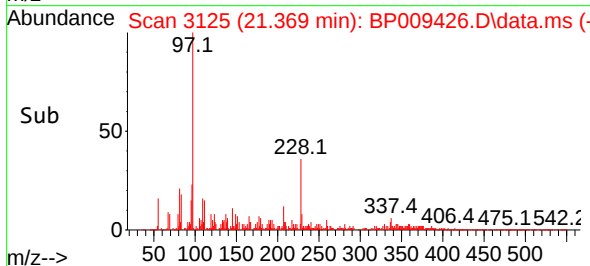
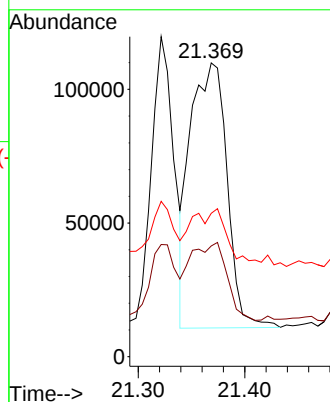
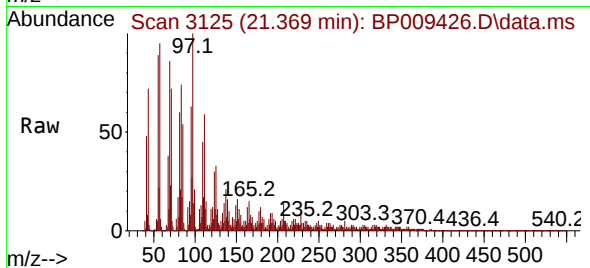
Tgt Ion:228 Resp: 237169

Ion Ratio Lower Upper

228 100

226 37.7 24.2 36.2#

229 48.8 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3535

Delta R.T. 0.047 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

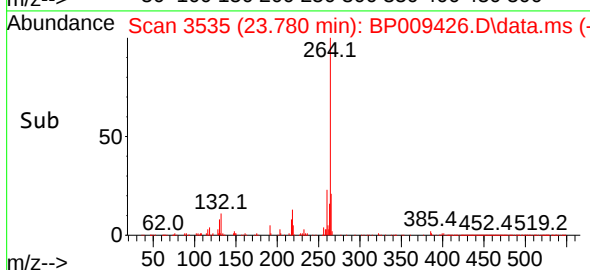
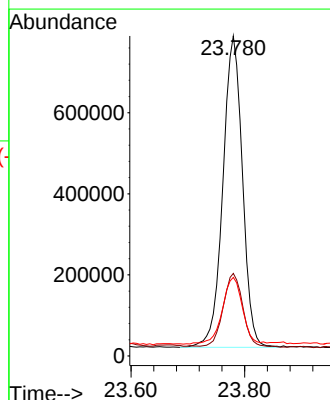
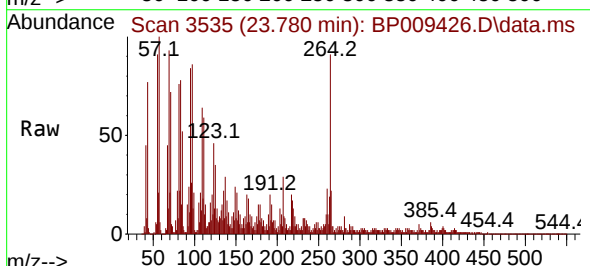
Tgt Ion:264 Resp: 1838287

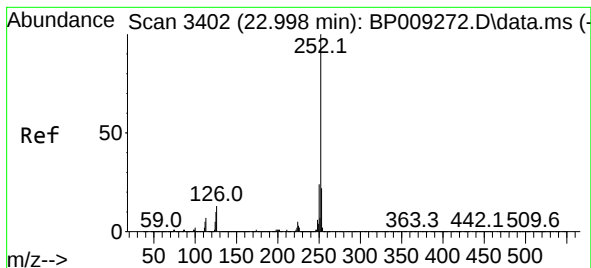
Ion Ratio Lower Upper

264 100

260 25.8 19.4 29.0

265 24.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 5.262 ng

RT: 23.039 min Scan# 3409

Delta R.T. 0.041 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Instrument :

BNA_P

ClientSampleId :

CON-2

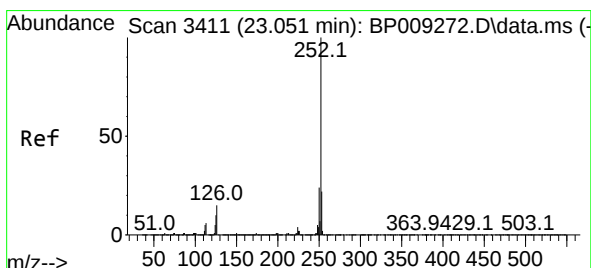
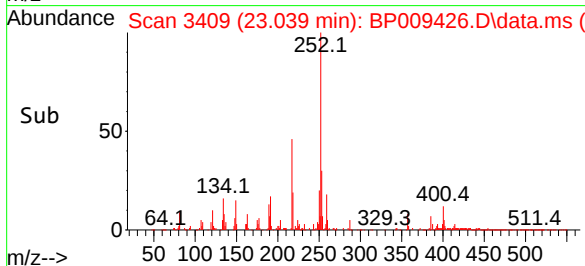
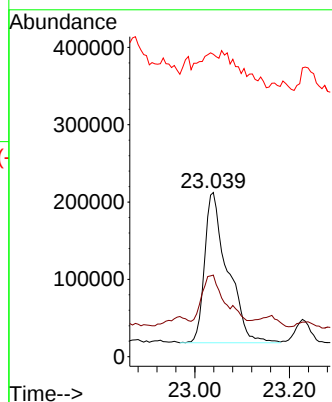
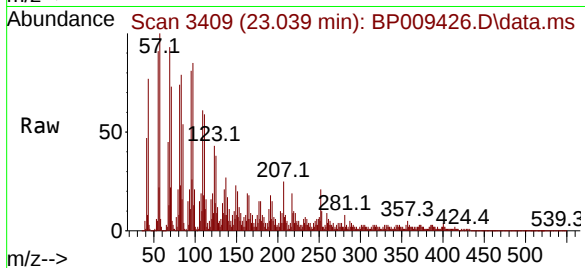
Tgt Ion:252 Resp: 653093

Ion Ratio Lower Upper

252 100

253 49.7 17.8 26.8#

125 184.3 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 5.508 ng

RT: 23.039 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

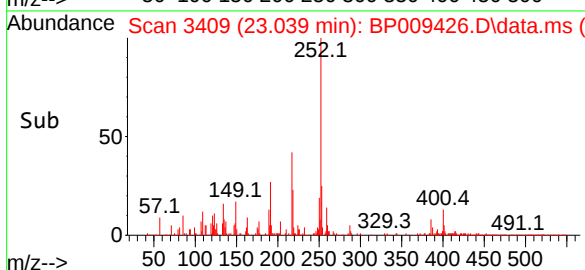
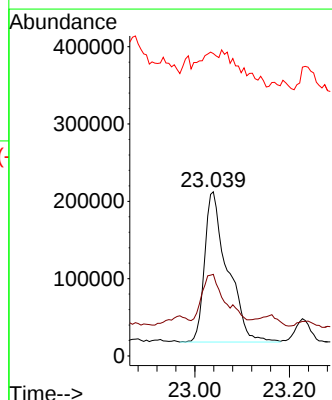
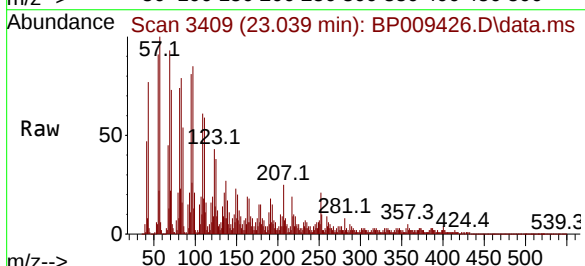
Tgt Ion:252 Resp: 653093

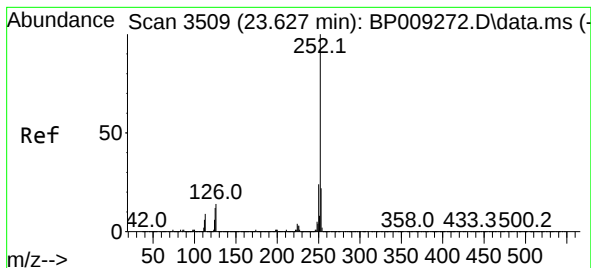
Ion Ratio Lower Upper

252 100

253 49.7 17.5 26.3#

125 184.3 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.109 ng

RT: 23.668 min Scan# 3516

Delta R.T. 0.041 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Instrument :

BNA_P

ClientSampleId :

CON-2

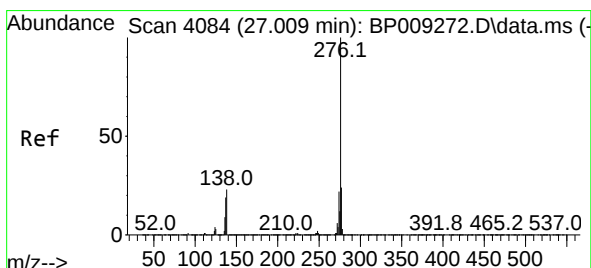
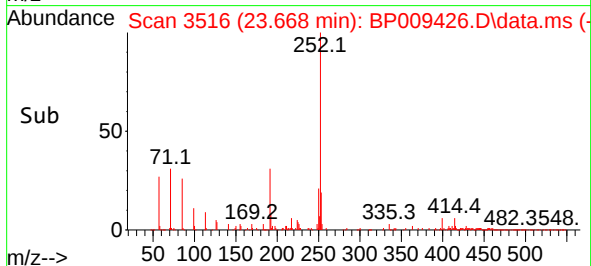
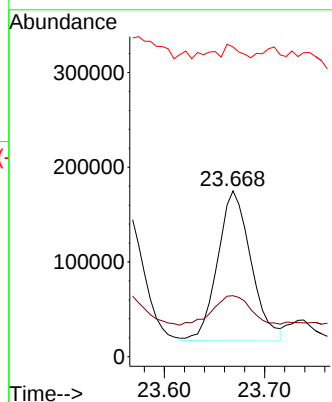
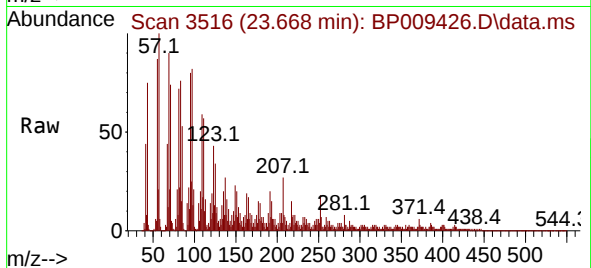
Tgt Ion:252 Resp: 365980

Ion Ratio Lower Upper

252 100

253 36.8 17.8 26.6#

125 186.8 9.3 13.9#



#92

Benzo(g,h,i)perylene

Concen: 2.021 ng

RT: 27.092 min Scan# 4098

Delta R.T. 0.082 min

Lab File: BP009426.D

Acq: 16 Mar 2022 17:12

Tgt Ion:276 Resp: 241828

Ion Ratio Lower Upper

276 100

277 42.4 19.2 28.8#

138 57.3 18.0 27.0#

