

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019612.D
 Acq On : 08 Feb 2024 17:11
 Operator : MA/JU
 Sample : P1367-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-7-0-2

Quant Time: Feb 08 17:36:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

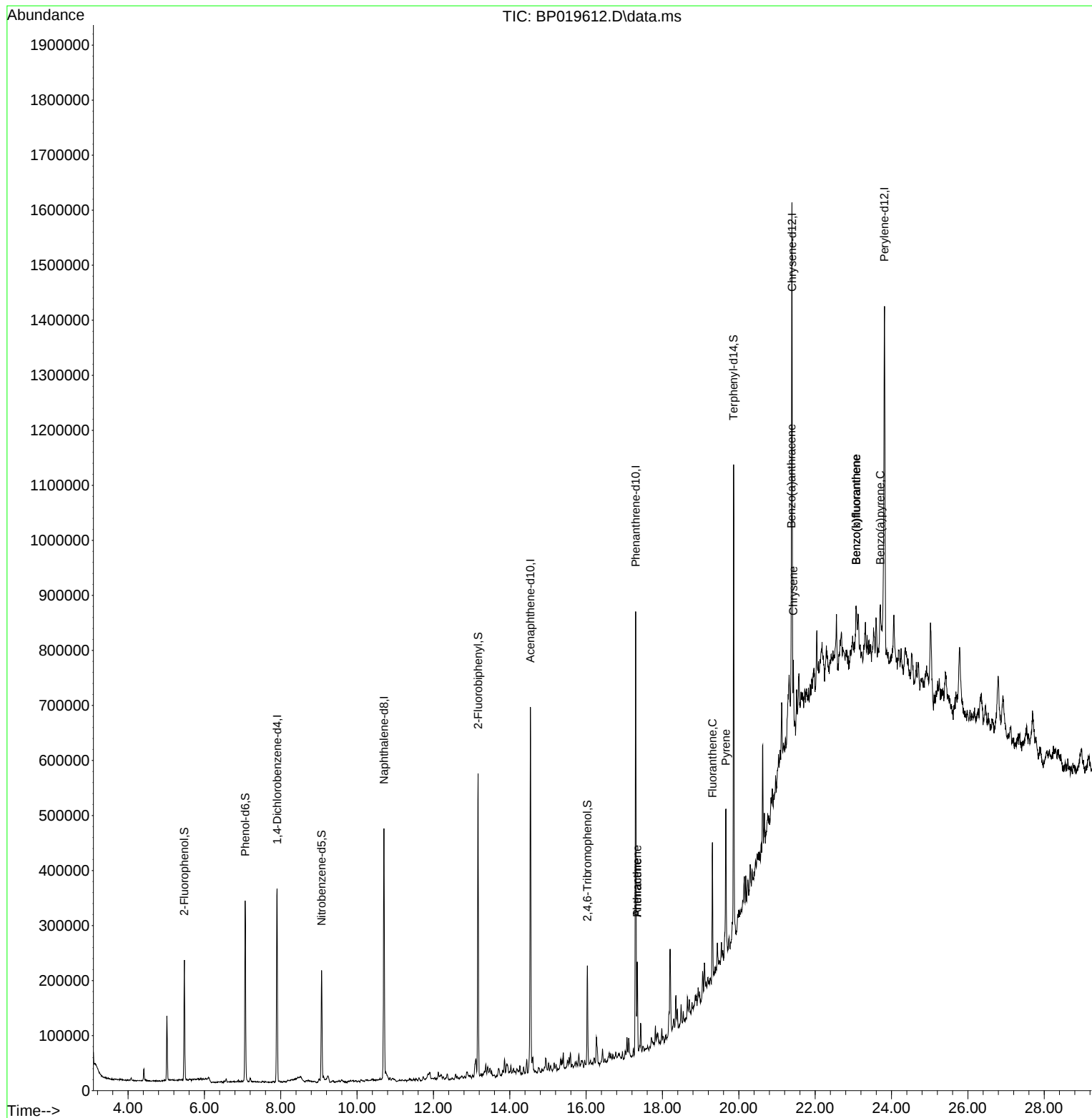
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	95586	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	359427	20.000	ng	#-0.01
39) Acenaphthene-d10	14.540	164	230596	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	486164	20.000	ng	0.00
76) Chrysene-d12	21.392	240	441992	20.000	ng	0.00
86) Perylene-d12	23.816	264	508885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	91798	15.480	ng	-0.01
7) Phenol-d6	7.069	99	179982	22.510	ng	-0.02
23) Nitrobenzene-d5	9.069	82	121258	14.618	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	33990	10.095	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	280594	15.043	ng	-0.01
79) Terphenyl-d14	19.863	244	419460	15.607	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.339	178	102293	3.998	ng	98
72) Anthracene	17.339	178	102293	4.008	ng	99
75) Fluoranthene	19.310	202	143221	4.582	ng	99
78) Pyrene	19.657	202	146651	4.701	ng	98
81) Benzo(a)anthracene	21.375	228	71891	2.311	ng	# 88
83) Chrysene	21.427	228	69517	2.353	ng	# 89
88) Benzo(b)fluoranthene	23.074	252	73578	2.294	ng	# 69
89) Benzo(k)fluoranthene	23.074	252	73578	2.402	ng	# 68
90) Benzo(a)pyrene	23.704	252	58191	2.039	ng	# 78

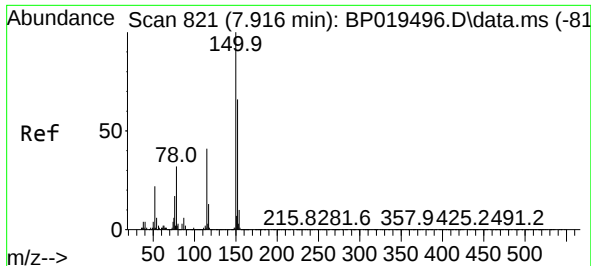
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019612.D
Acq On : 08 Feb 2024 17:11
Operator : MA/JU
Sample : P1367-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-7-0-2

Quant Time: Feb 08 17:36:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

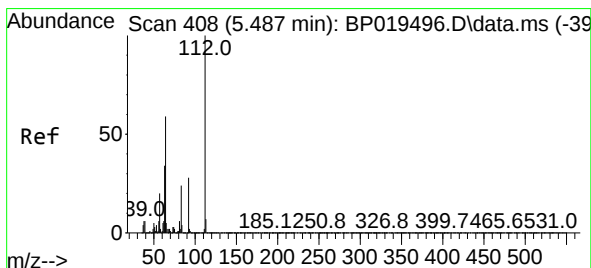
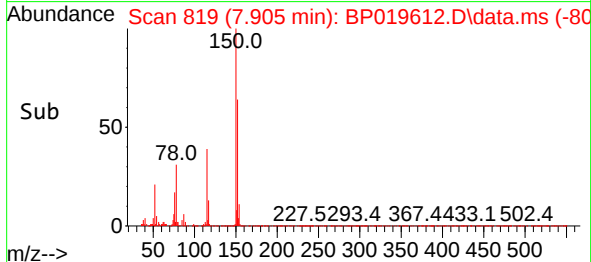
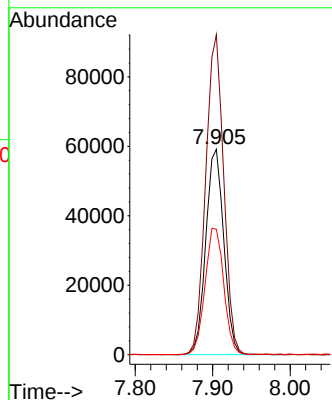
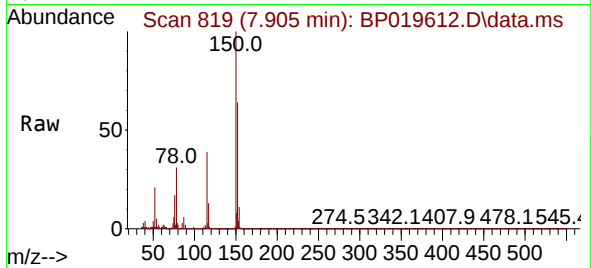




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

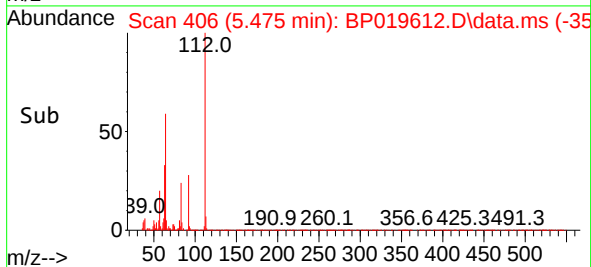
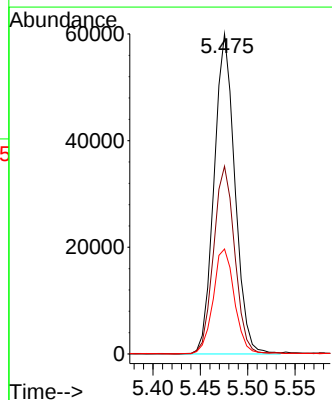
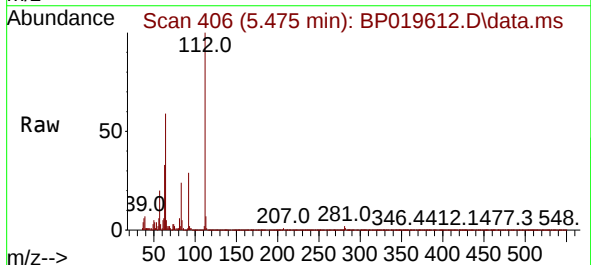
Instrument :
BNA_P
ClientSampleId :
EB-7-0-2

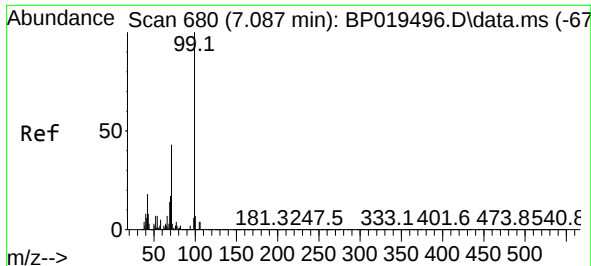
Tgt Ion:152 Resp: 95586
Ion Ratio Lower Upper
152 100
150 155.8 121.8 182.8
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 15.480 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

Tgt Ion:112 Resp: 91798
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 32.8 27.0 40.6

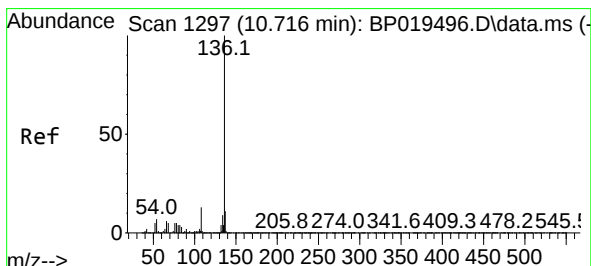
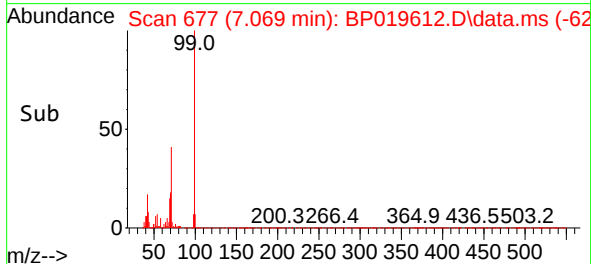
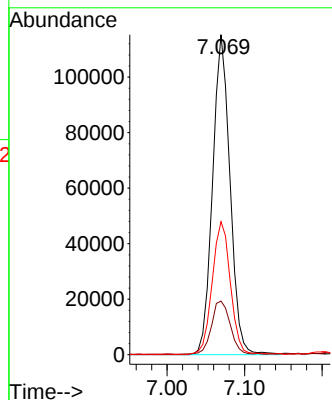
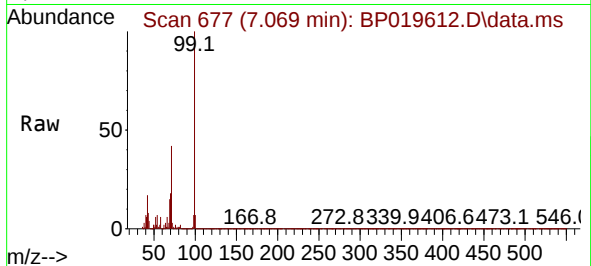




#7
Phenol-d6
Concen: 22.510 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

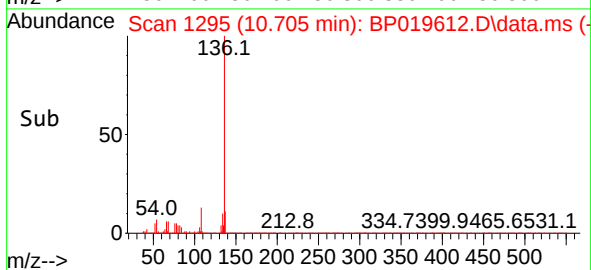
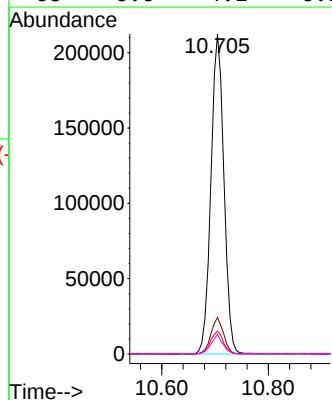
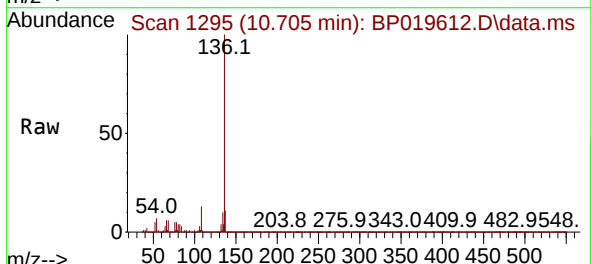
Instrument :
BNA_P
ClientSampleId :
EB-7-0-2

Tgt Ion: 99 Resp: 179982
Ion Ratio Lower Upper
99 100
42 16.7 14.7 22.1
71 41.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

Tgt Ion: 136 Resp: 359427
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.1 5.3 7.9
68 6.6 4.1 6.1#

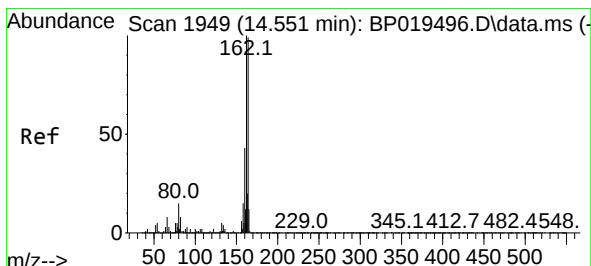
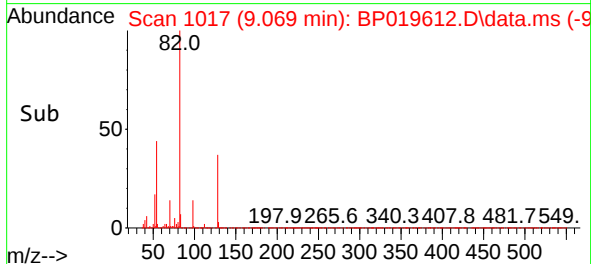
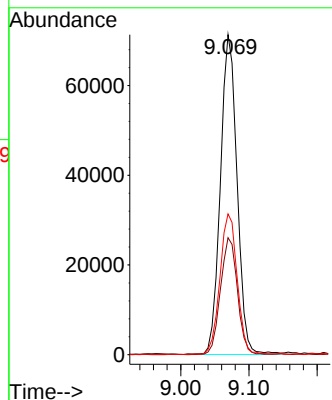
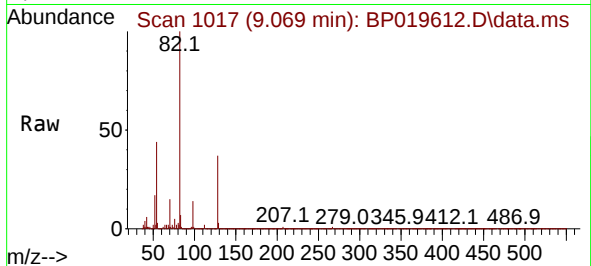




#23
Nitrobenzene-d5
Concen: 14.618 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

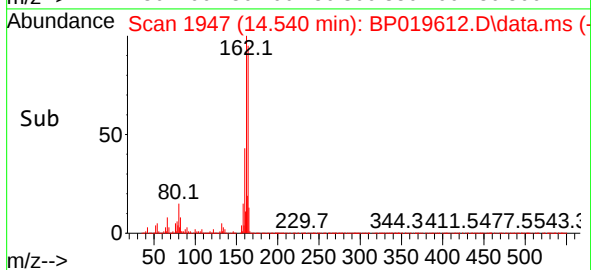
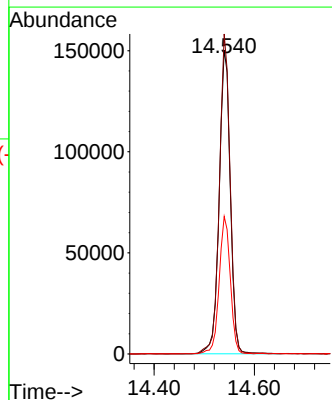
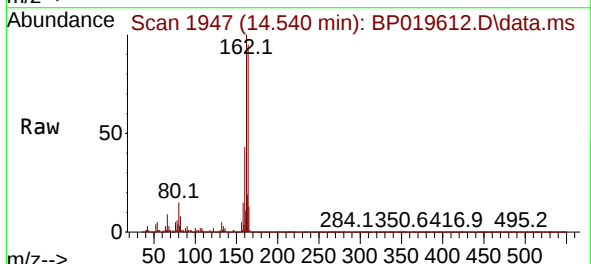
Instrument :
BNA_P
ClientSampleId :
EB-7-0-2

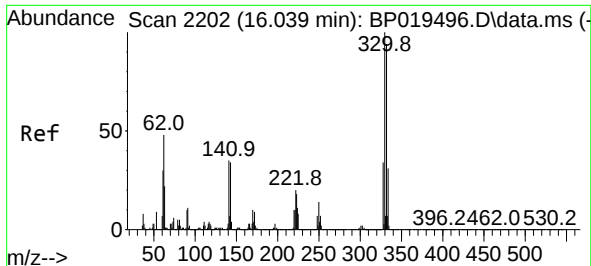
Tgt Ion: 82 Resp: 121258
Ion Ratio Lower Upper
82 100
128 36.5 29.7 44.5
54 44.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

Tgt Ion:164 Resp: 230596
Ion Ratio Lower Upper
164 100
162 105.3 81.2 121.8
160 45.2 35.1 52.7

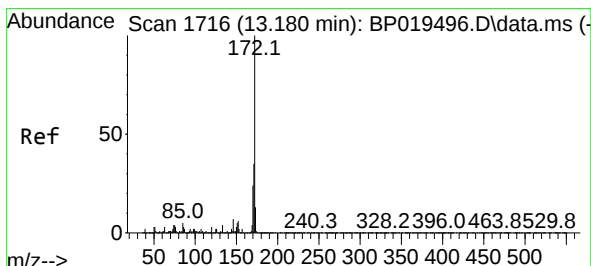
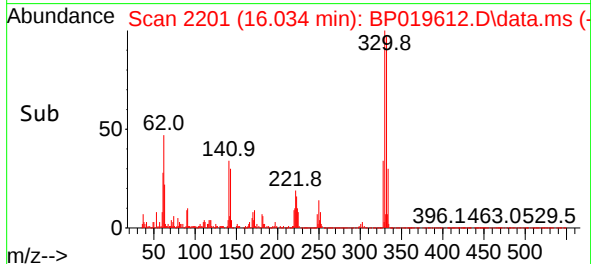
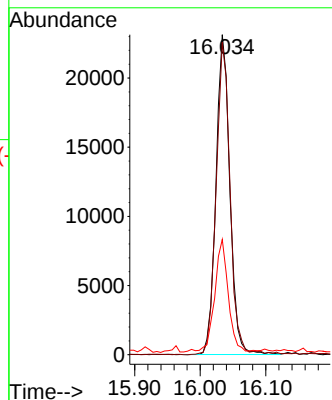
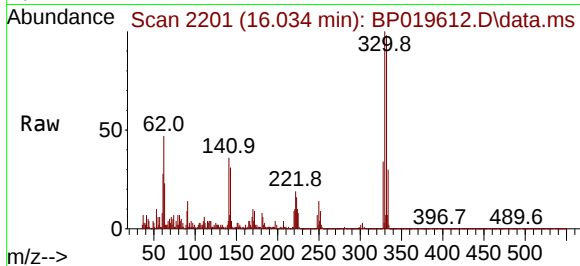




#42
2,4,6-Tribromophenol
Concen: 10.095 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

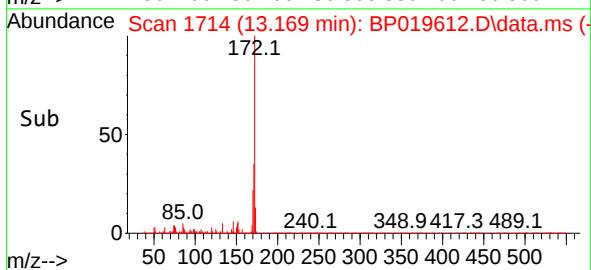
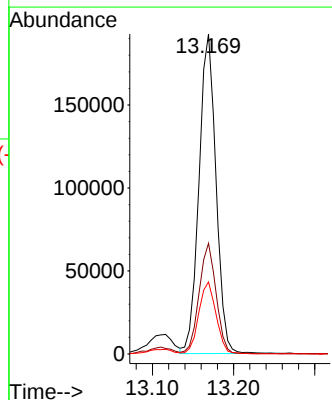
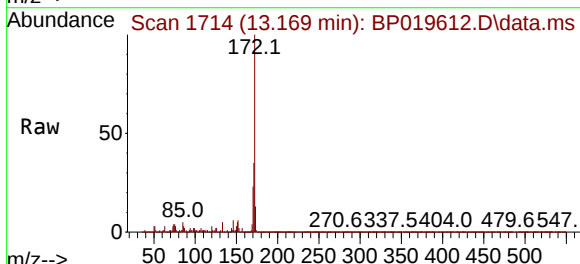
Instrument :
BNA_P
ClientSampleId :
EB-7-0-2

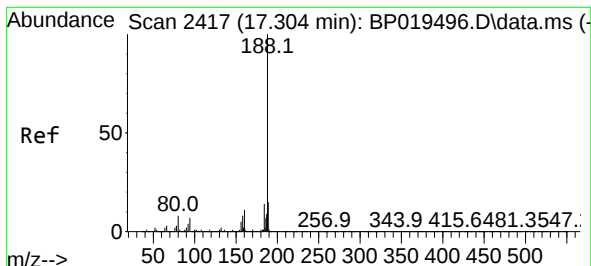
Tgt Ion: 330 Resp: 33990
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 34.5 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 15.043 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019612.D
Acq: 08 Feb 2024 17:11

Tgt Ion: 172 Resp: 280594
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

Instrument :

BNA_P

ClientSampleId :

EB-7-0-2

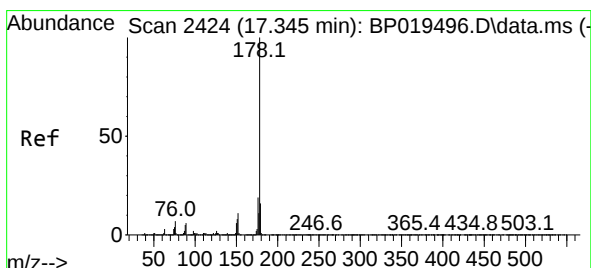
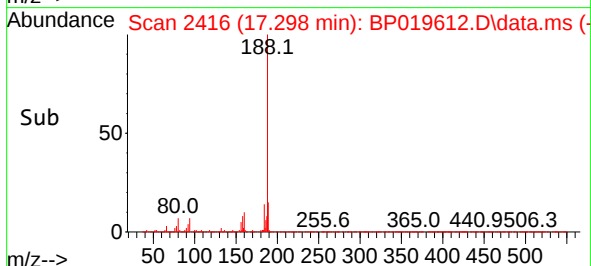
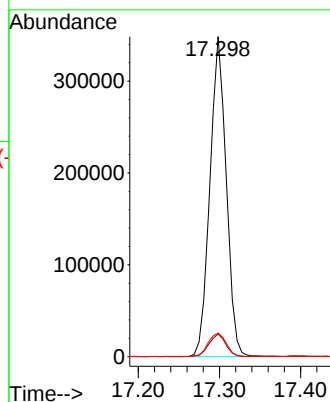
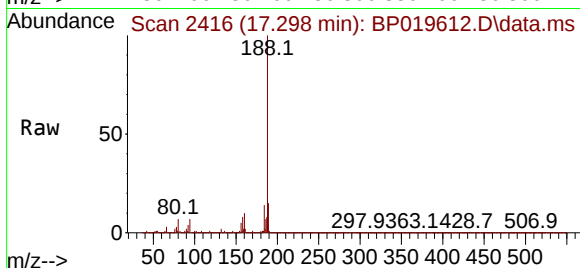
Tgt Ion:188 Resp: 486164

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.4 6.3 9.5



#71

Phenanthrene

Concen: 3.998 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

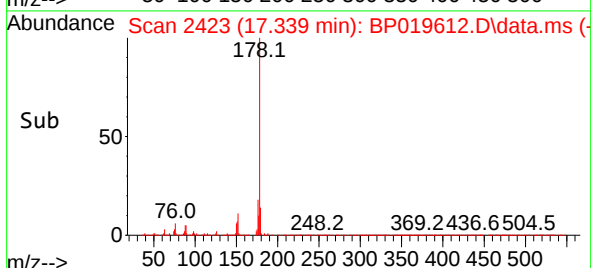
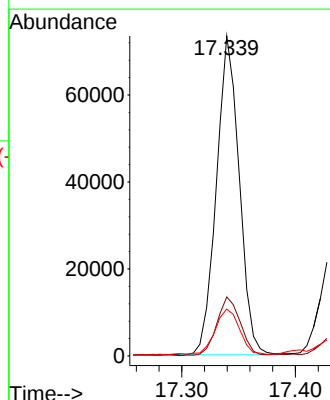
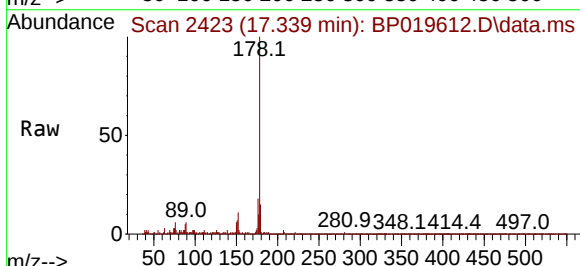
Tgt Ion:178 Resp: 102293

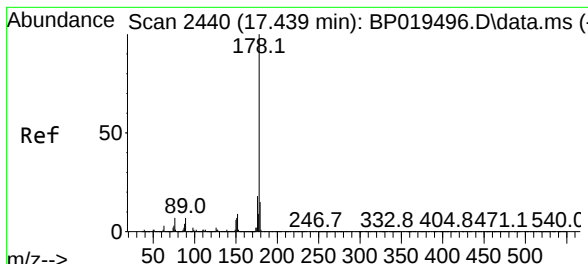
Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

179 14.7 12.6 19.0

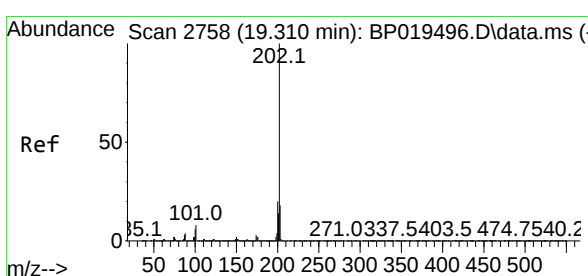
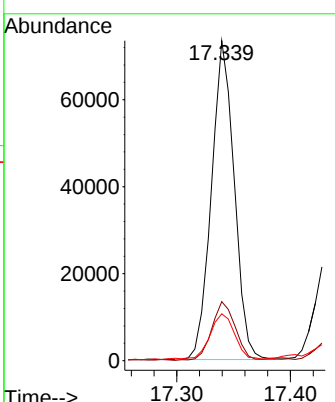
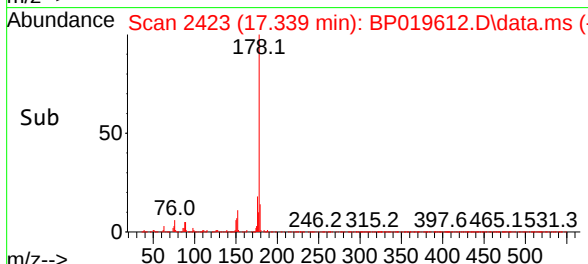
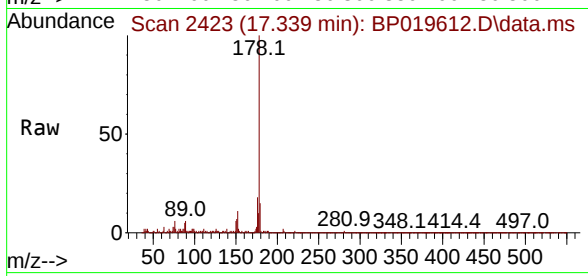




#72
 Anthracene
 Concen: 4.008 ng
 RT: 17.339 min Scan# 2440
 Delta R.T. -0.100 min
 Lab File: BP019612.D
 Acq: 08 Feb 2024 17:11

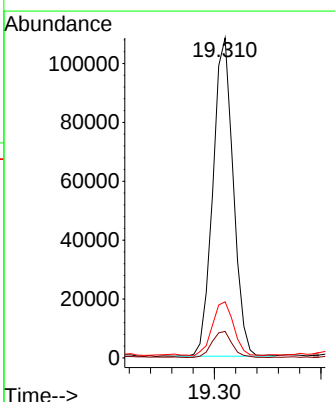
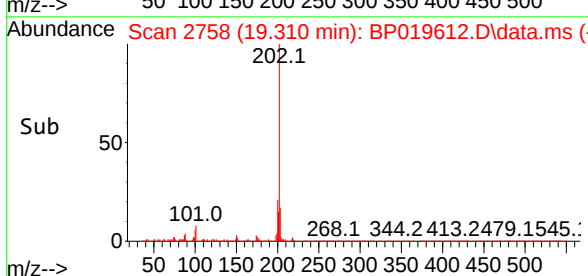
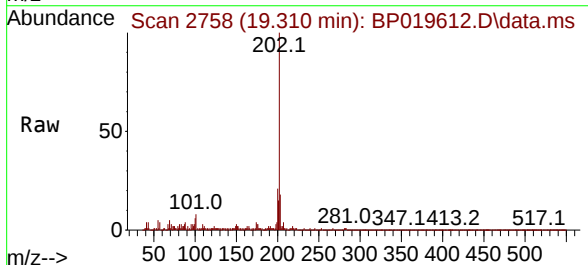
Instrument :
 BNA_P
 ClientSampleId :
 EB-7-0-2

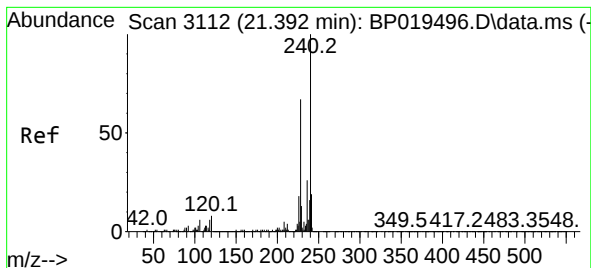
Tgt Ion:	178	Resp:	102293
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.7	22.1
179	14.7	12.2	18.2



#75
 Fluoranthene
 Concen: 4.582 ng
 RT: 19.310 min Scan# 2758
 Delta R.T. 0.000 min
 Lab File: BP019612.D
 Acq: 08 Feb 2024 17:11

Tgt Ion:	202	Resp:	143221
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	27.7
203	17.5	0.0	37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

Instrument :

BNA_P

ClientSampleId :

EB-7-0-2

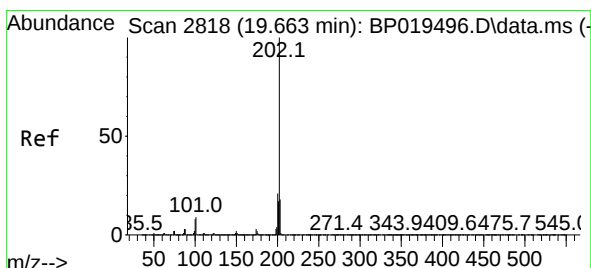
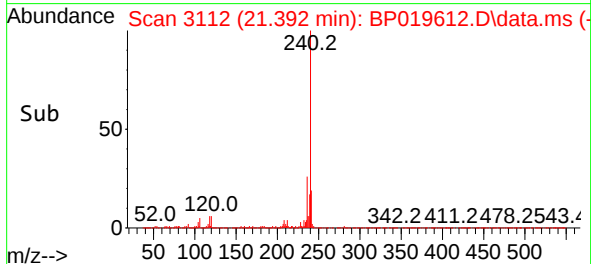
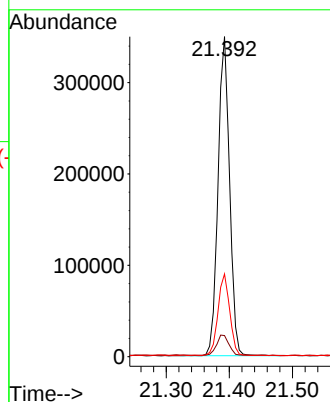
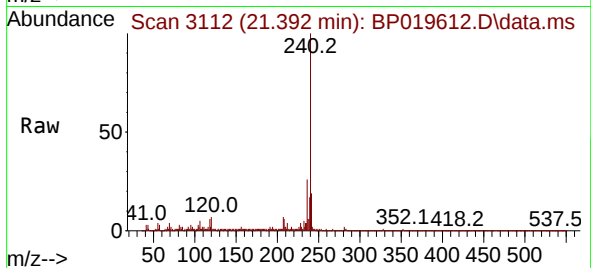
Tgt Ion:240 Resp: 441992

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.9 20.7 31.1



#78

Pyrene

Concen: 4.701 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

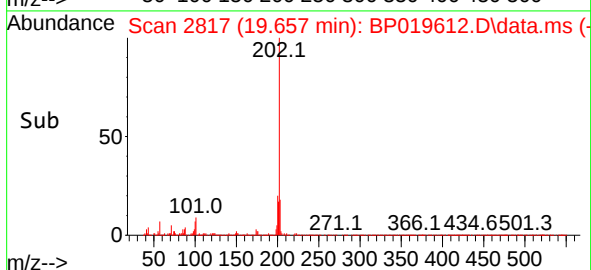
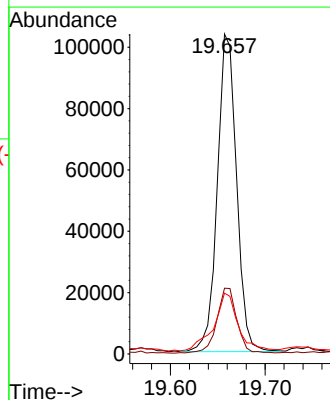
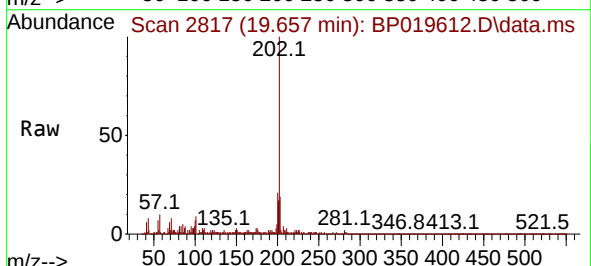
Tgt Ion:202 Resp: 146651

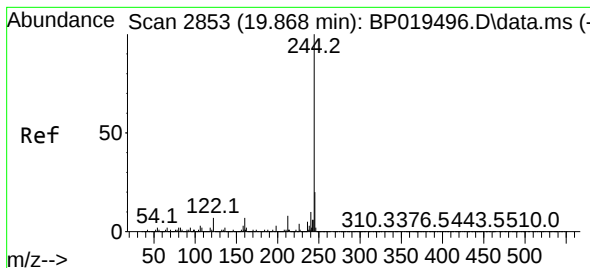
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 19.0 14.2 21.2





#79

Terphenyl-d14

Concen: 15.607 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

Instrument :

BNA_P

ClientSampleId :

EB-7-0-2

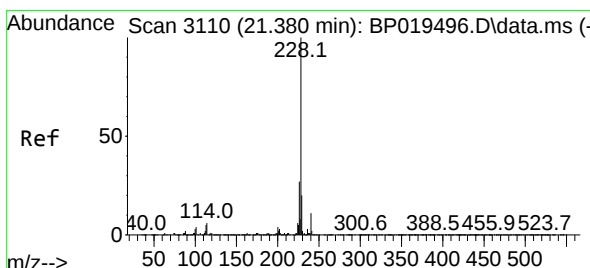
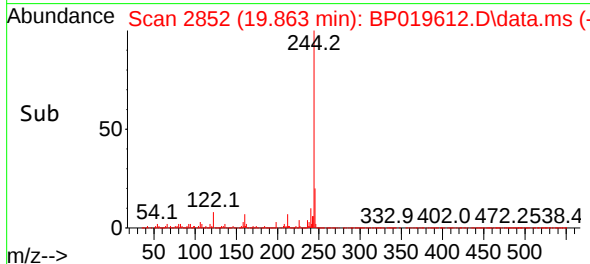
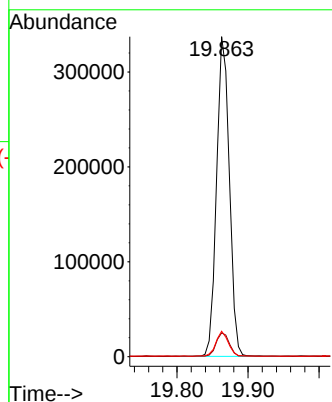
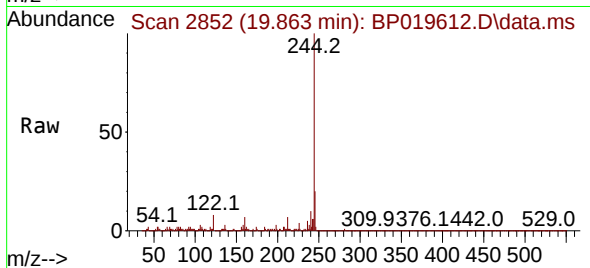
Tgt Ion:244 Resp: 419460

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 8.0 5.9 8.9



#81

Benzo(a)anthracene

Concen: 2.311 ng

RT: 21.375 min Scan# 3109

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

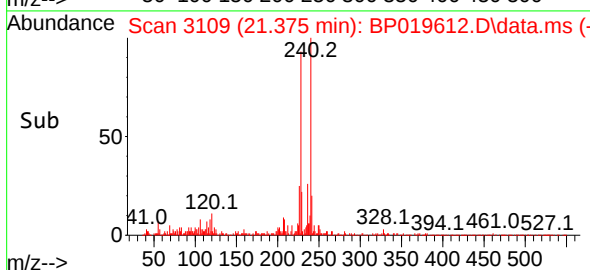
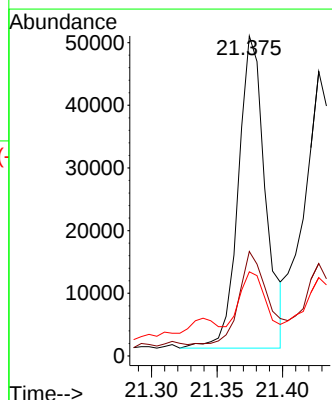
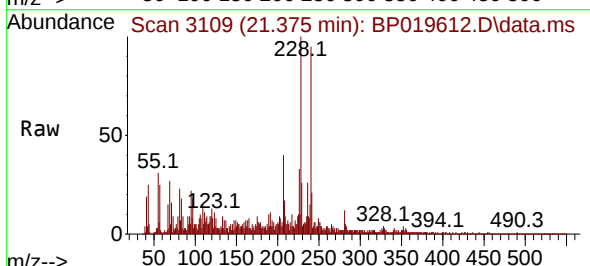
Tgt Ion:228 Resp: 71891

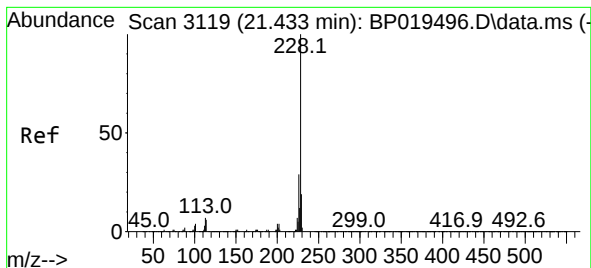
Ion Ratio Lower Upper

228 100

226 32.6 21.7 32.5#

229 26.3 15.6 23.4#





#83

Chrysene

Concen: 2.353 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

Instrument :

BNA_P

ClientSampleId :

EB-7-0-2

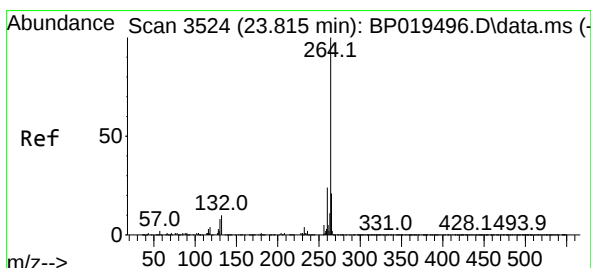
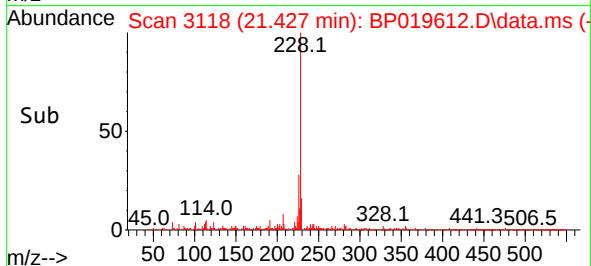
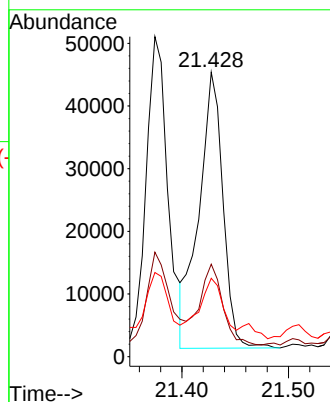
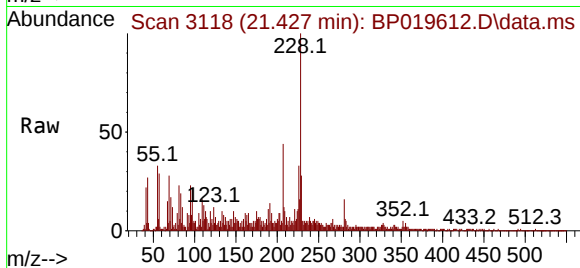
Tgt Ion:228 Resp: 69517

Ion Ratio Lower Upper

228 100

226 32.5 23.4 35.2

229 27.6 15.6 23.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

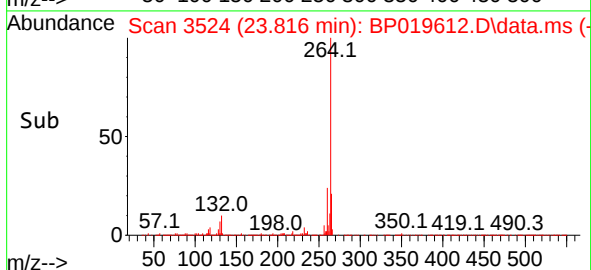
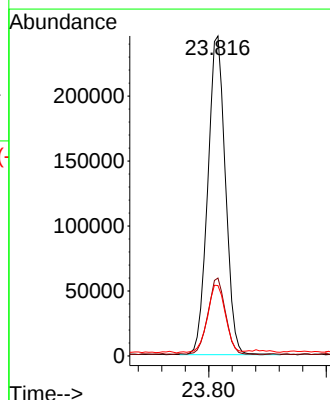
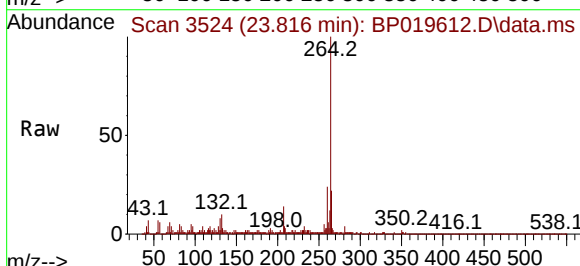
Tgt Ion:264 Resp: 508885

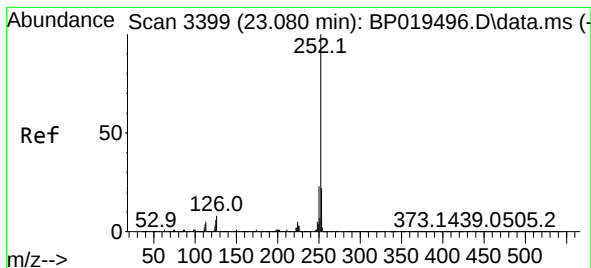
Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.0 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.294 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.005 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

Instrument :

BNA_P

ClientSampleId :

EB-7-0-2

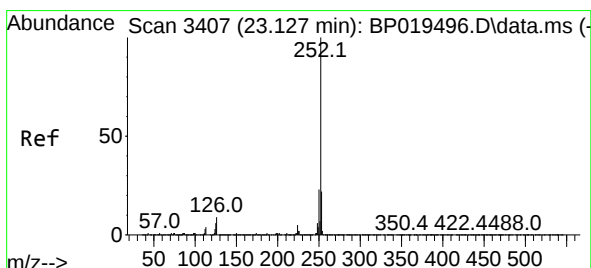
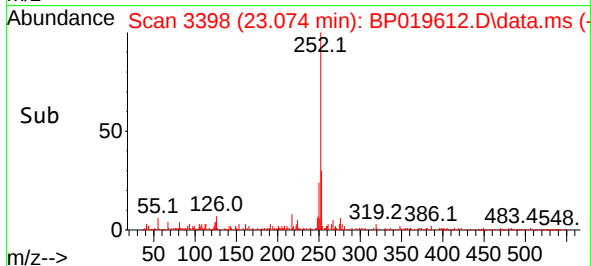
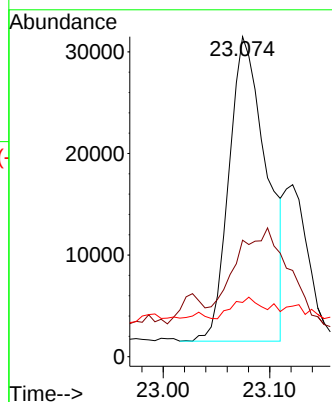
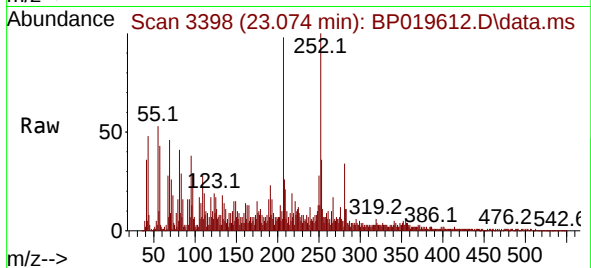
Tgt Ion:252 Resp: 73578

Ion Ratio Lower Upper

252 100

253 36.4 17.3 25.9#

125 16.9 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 2.402 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.053 min

Lab File: BP019612.D

Acq: 08 Feb 2024 17:11

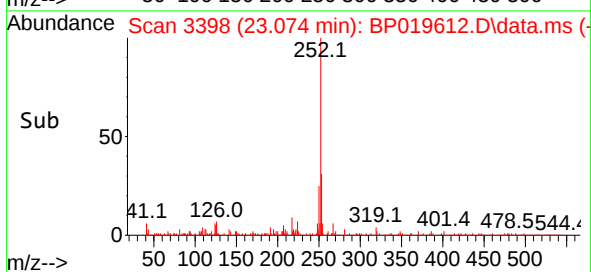
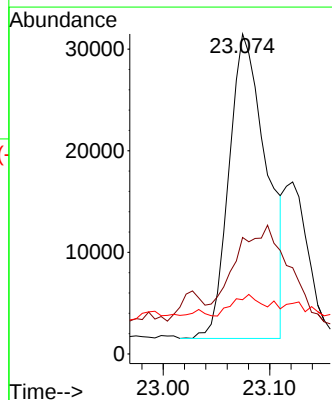
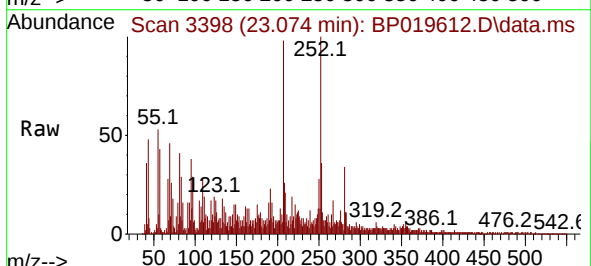
Tgt Ion:252 Resp: 73578

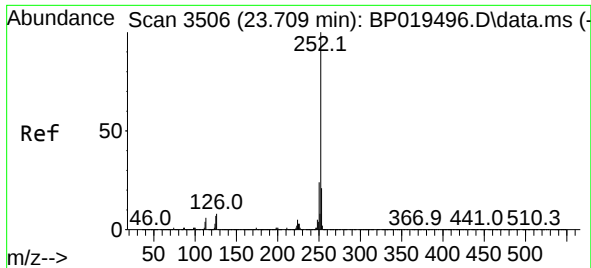
Ion Ratio Lower Upper

252 100

253 36.4 17.1 25.7#

125 16.9 5.0 7.6#





#90
 Benzo(a)pyrene
 Concen: 2.039 ng
 RT: 23.704 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BP019612.D
 Acq: 08 Feb 2024 17:11

Instrument :
 BNA_P
 ClientSampleId :
 EB-7-0-2

Tgt Ion:252 Resp: 58191
 Ion Ratio Lower Upper
 252 100
 253 29.6 17.1 25.7#
 125 18.9 5.6 8.4#

