

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020547.D
 Acq On : 06 Jun 2024 19:00
 Operator : MA/JU
 Sample : P2712-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424

Quant Time: Jun 06 19:54:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

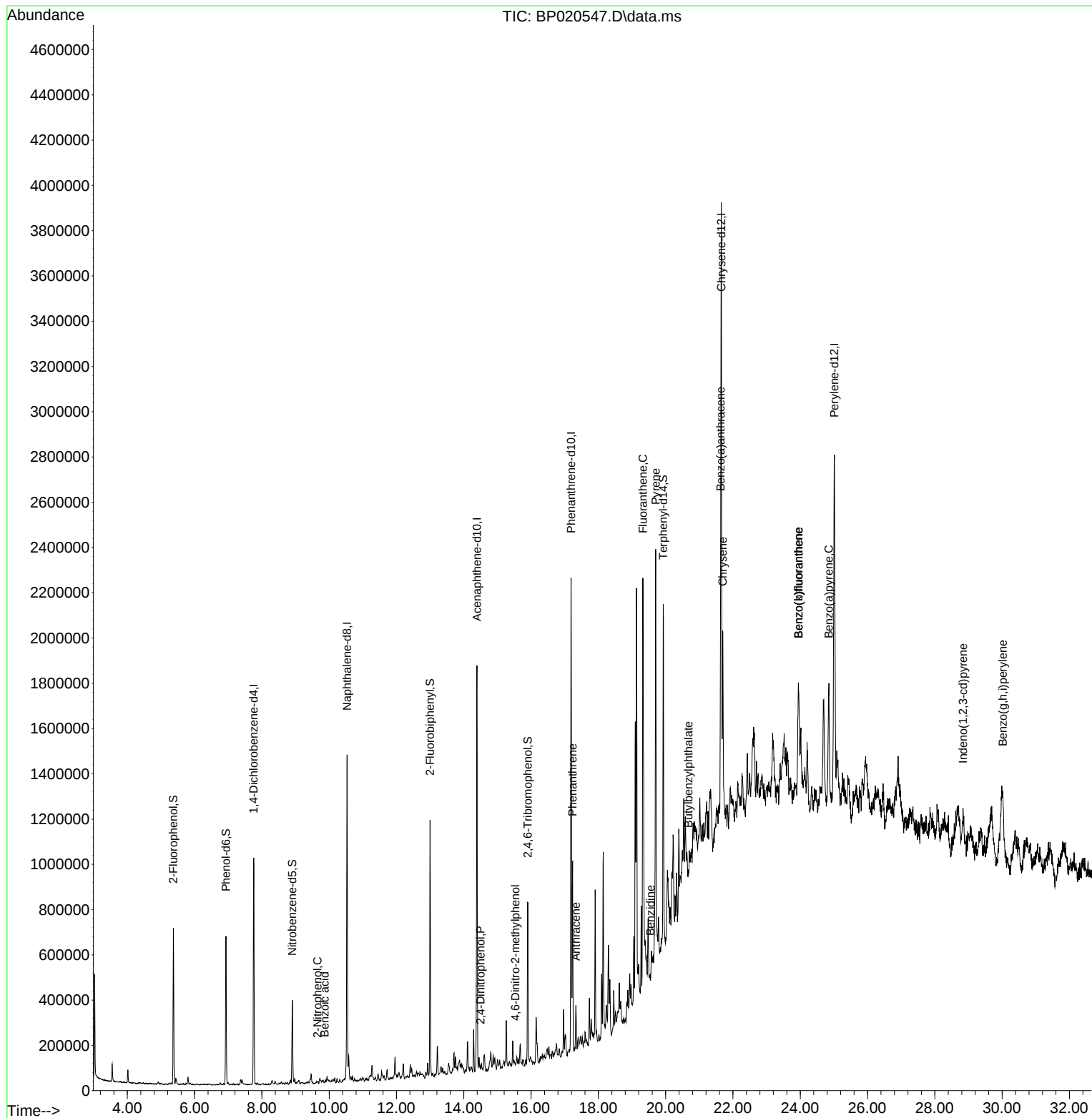
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	284829	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	1098022	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	643390	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1354611	20.000	ng	-0.01
76) Chrysene-d12	21.657	240	1327809	20.000	ng	-0.01
86) Perylene-d12	25.009	264	1589255	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	295789	18.593	ng	0.00
7) Phenol-d6	6.934	99	376132	16.766	ng	0.00
23) Nitrobenzene-d5	8.904	82	224669	11.201	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	149748	22.427	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	518297	12.009	ng	0.00
79) Terphenyl-d14	19.927	244	854770	10.717	ng	-0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.651	139	259	3.821	ng	# 1
32) Benzoic acid	9.869	122	97	6.856	ng	# 1
54) 2,4-Dinitrophenol	14.498	184	146	5.017	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.533	198	189	7.680	ng	# 1
71) Phenanthrene	17.233	178	523249	7.858	ng	99
72) Anthracene	17.333	178	166884	2.554	ng	98
75) Fluoranthene	19.322	202	992276	12.596	ng	99
77) Benzidine	19.551	184	701	5.984	ng	# 1
78) Pyrene	19.704	202	1163425	11.649	ng	100
80) Butylbenzylphthalate	20.674	149	2286	2.485	ng	# 38
81) Benzo(a)anthracene	21.633	228	640709	7.328	ng	95
83) Chrysene	21.698	228	585573	7.108	ng	98
87) Indeno(1,2,3-cd)pyrene	28.839	276	408374	4.226	ng	# 95
88) Benzo(b)fluoranthene	23.945	252	761167	7.688	ng	93
89) Benzo(k)fluoranthene	23.945	252	761167	7.882	ng	93
90) Benzo(a)pyrene	24.851	252	597839	7.291	ng	96
92) Benzo(g,h,i)perylene	30.021	276	428252	5.315	ng	96

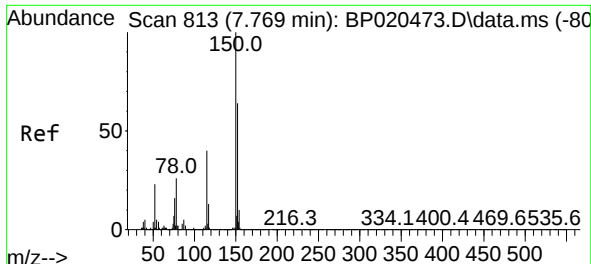
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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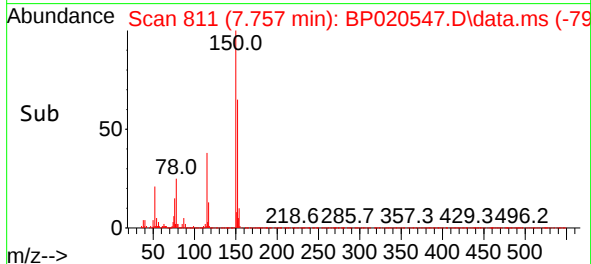
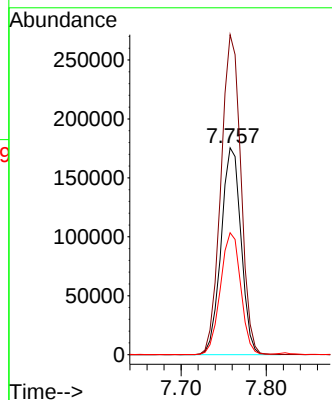
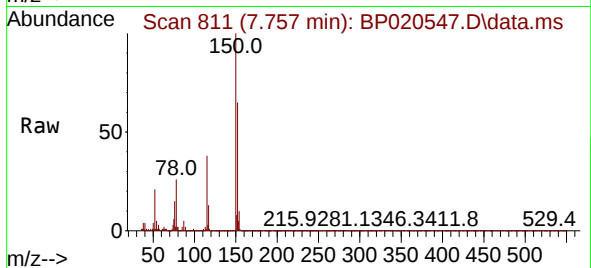




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

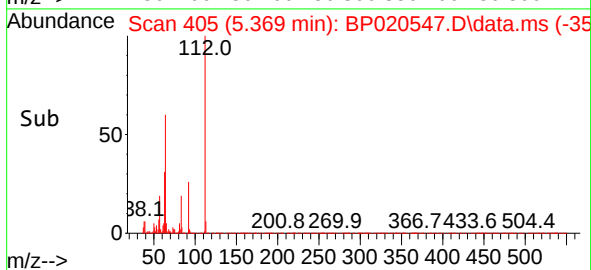
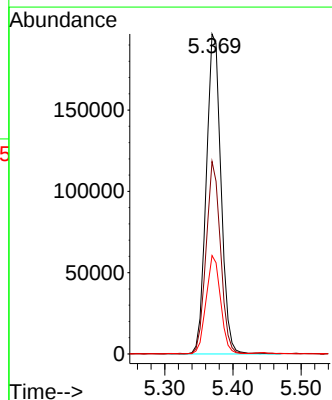
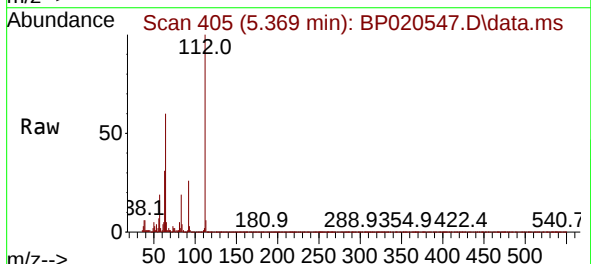
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

Tgt Ion:152 Resp: 284829
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 59.0 49.5 74.3



#5
2-Fluorophenol
Concen: 18.593 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:112 Resp: 295789
Ion Ratio Lower Upper
112 100
64 60.1 50.1 75.1
63 30.8 25.7 38.5

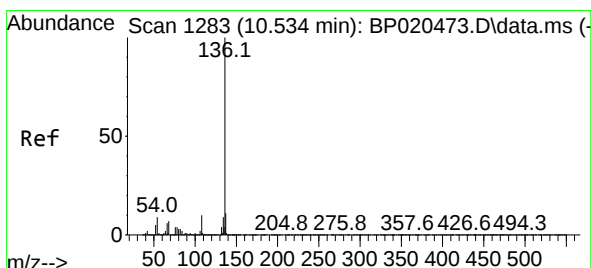
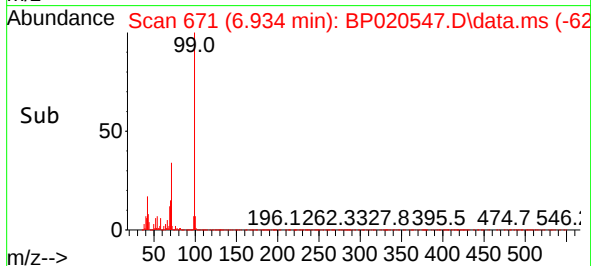
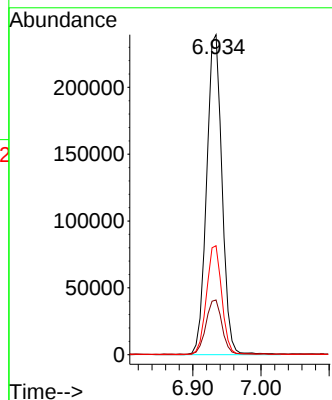
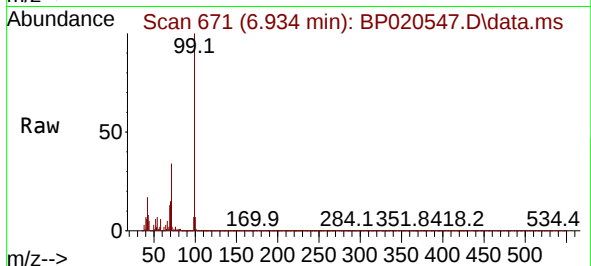




#7
Phenol-d6
Concen: 16.766 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

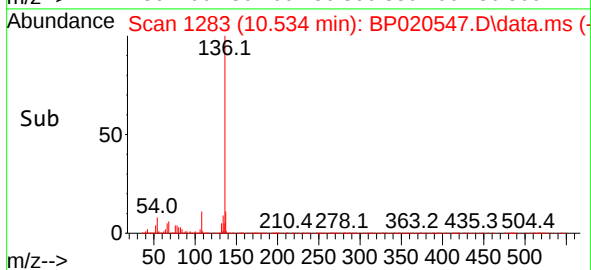
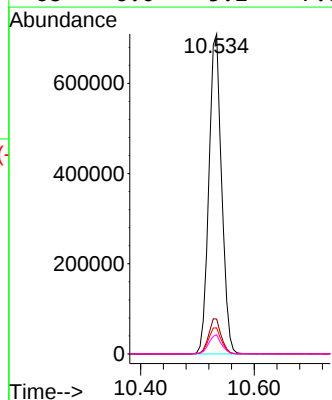
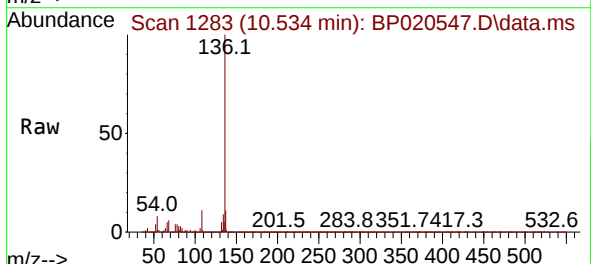
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

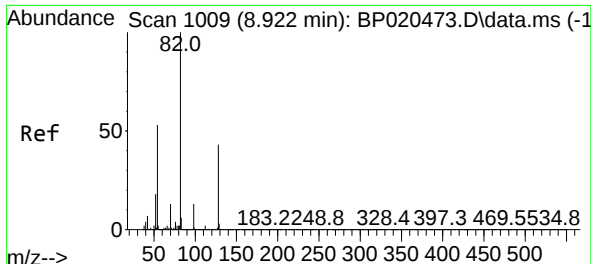
Tgt Ion: 99 Resp: 376132
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion: 136 Resp: 1098022
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.4 11.0
68 6.0 5.2 7.8

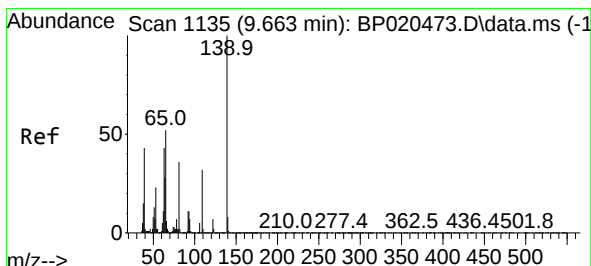
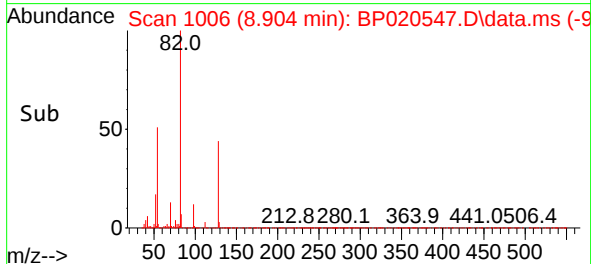
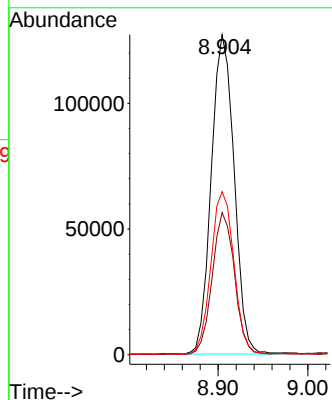
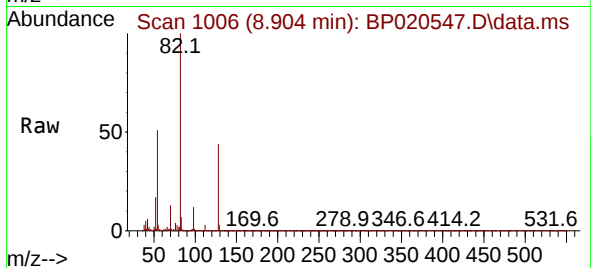




#23
Nitrobenzene-d5
Concen: 11.201 ng
RT: 8.904 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

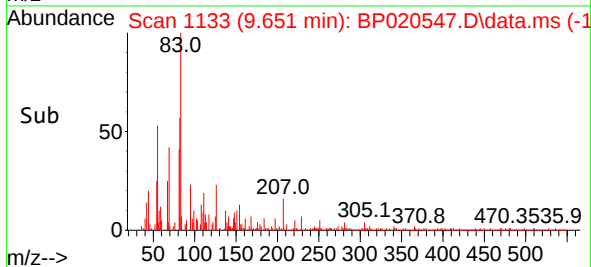
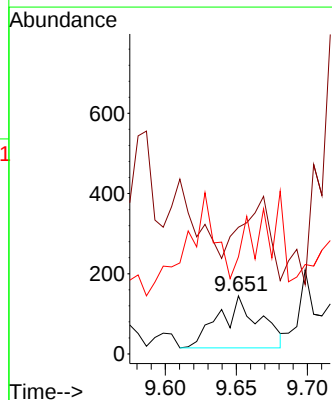
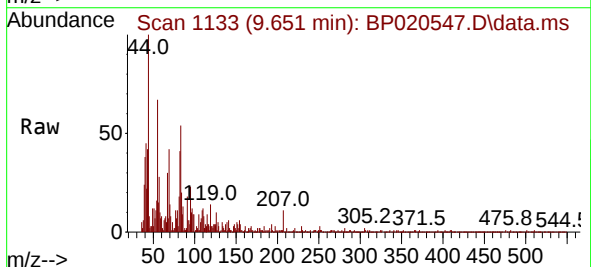
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

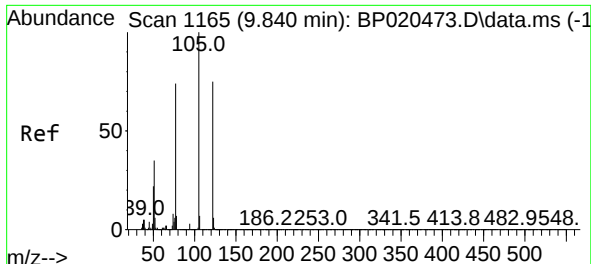
Tgt Ion: 82 Resp: 224669
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 50.9 42.7 64.1



#26
2-Nitrophenol
Concen: 3.821 ng
RT: 9.651 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion: 139 Resp: 259
Ion Ratio Lower Upper
139 100
109 217.9 25.8 38.8#
65 166.9 41.8 62.8#

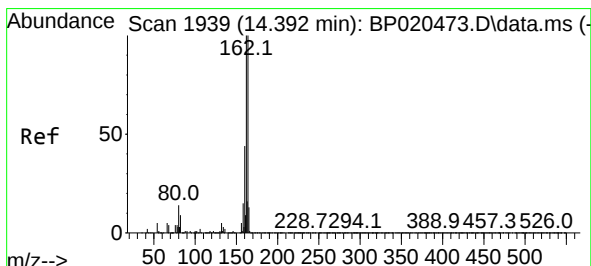
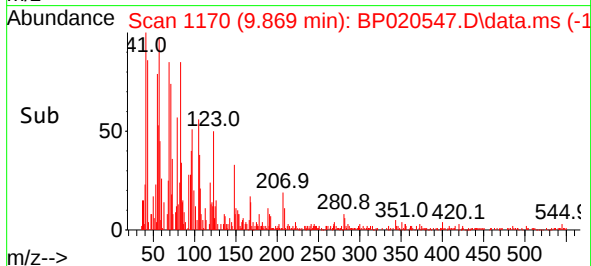
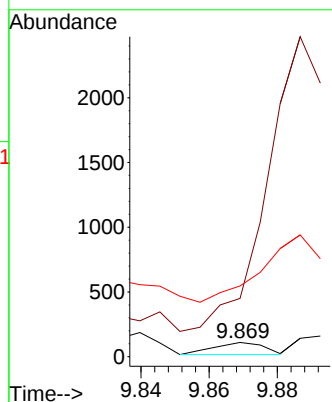
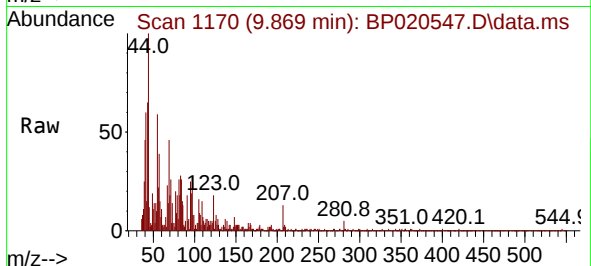




#32
Benzoic acid
Concen: 6.856 ng
RT: 9.869 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

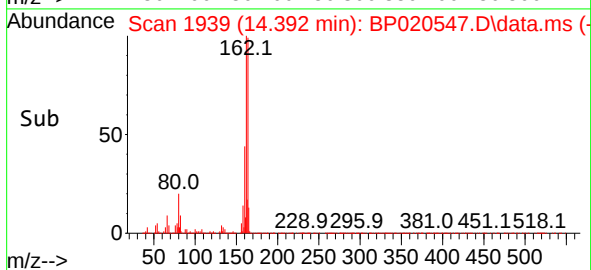
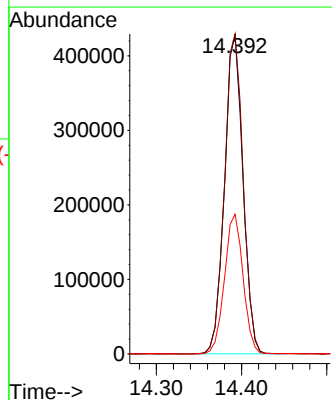
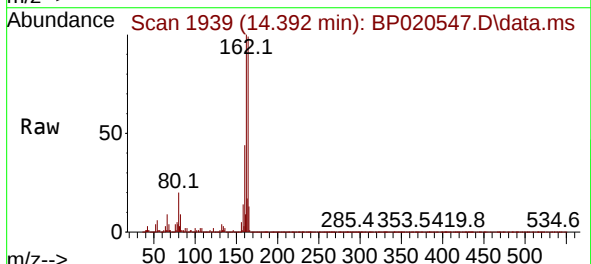
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ClientSampleId :
EO-01-060424

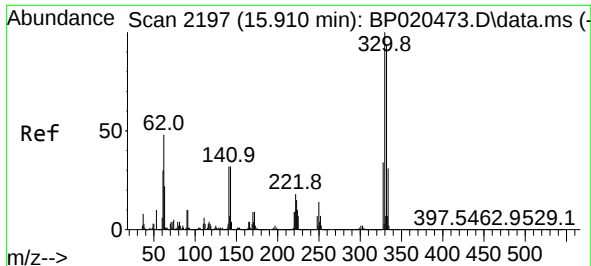
Tgt Ion:122 Resp: 97
Ion Ratio Lower Upper
122 100
105 409.1 107.5 147.5#
77 497.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:164 Resp: 643390
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 43.9 35.4 53.2

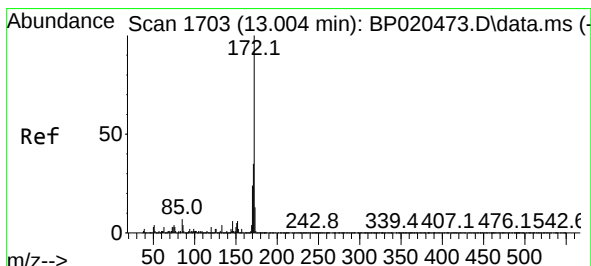
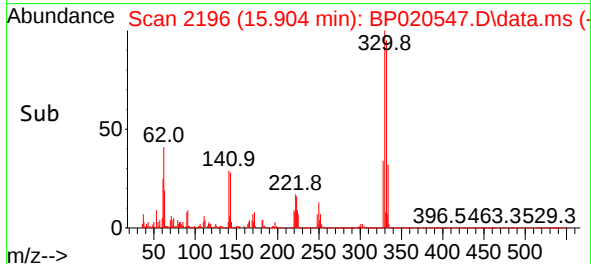
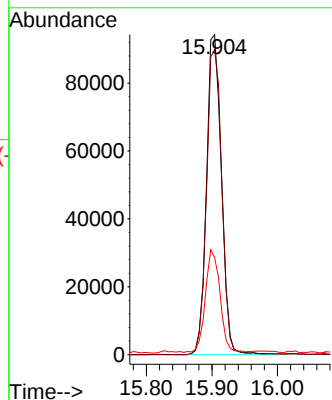
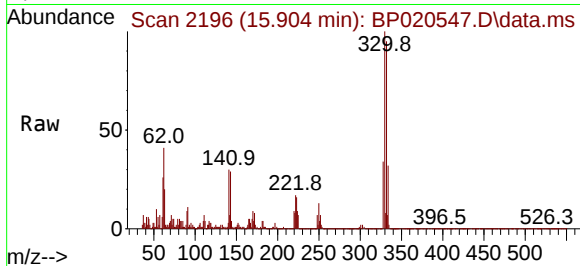




#42
2,4,6-Tribromophenol
Concen: 22.427 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

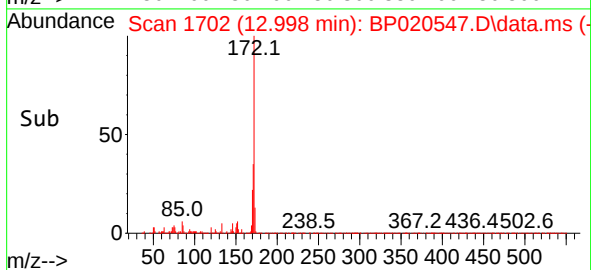
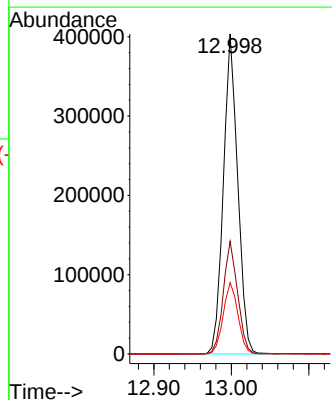
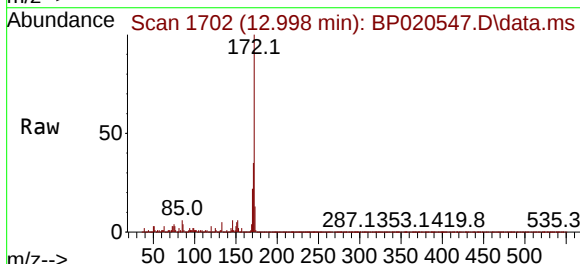
Instrument :
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EO-01-060424

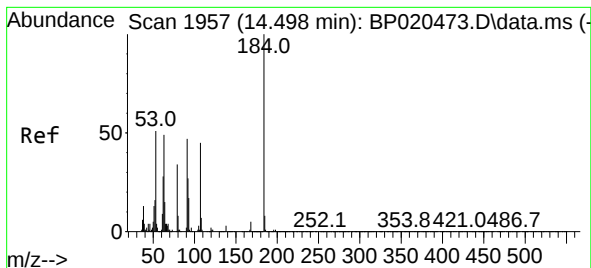
Tgt Ion:330 Resp: 149748
Ion Ratio Lower Upper
330 100
332 97.7 76.6 114.8
141 31.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 12.009 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:172 Resp: 518297
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.3 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 5.017 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

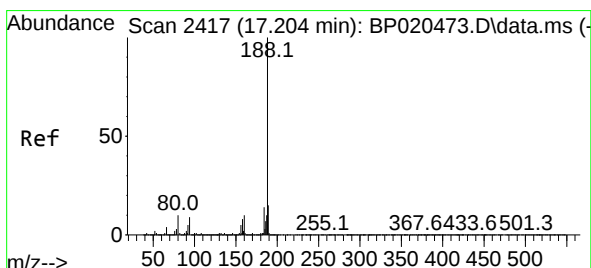
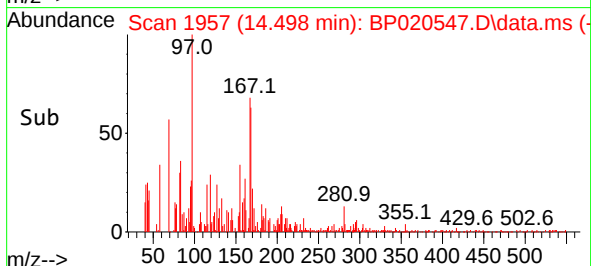
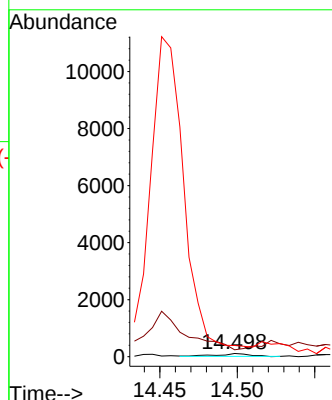
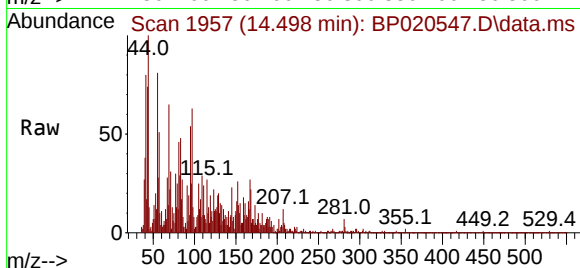
Tgt Ion:184 Resp: 146

Ion Ratio Lower Upper

184 100

63 218.2 54.2 81.4#

154 354.5 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

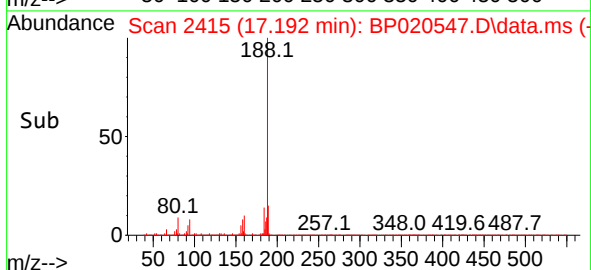
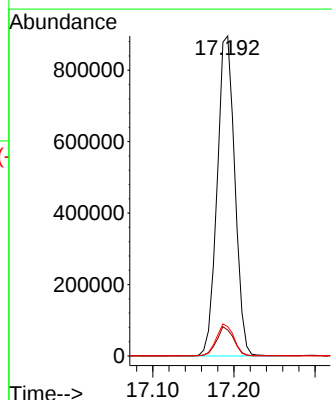
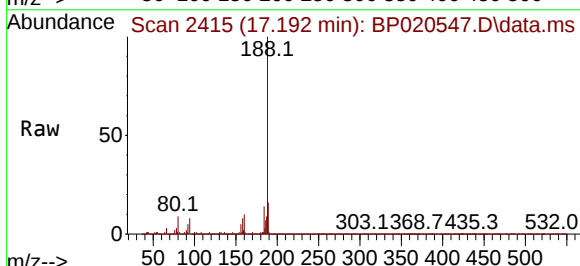
Tgt Ion:188 Resp: 1354611

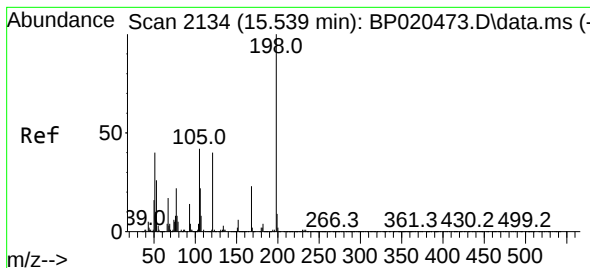
Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 9.2 8.1 12.1

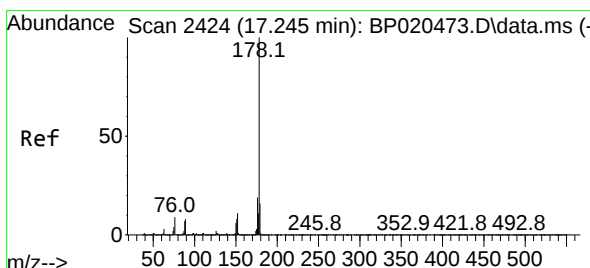
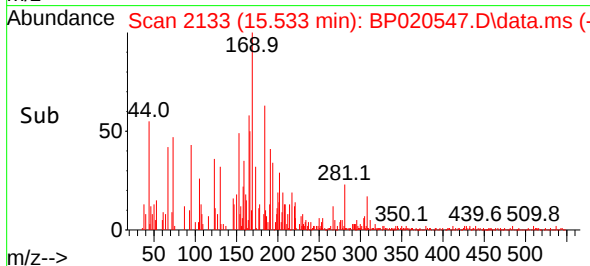
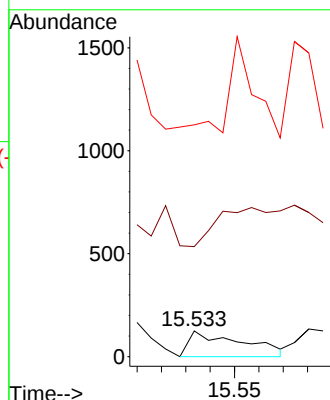
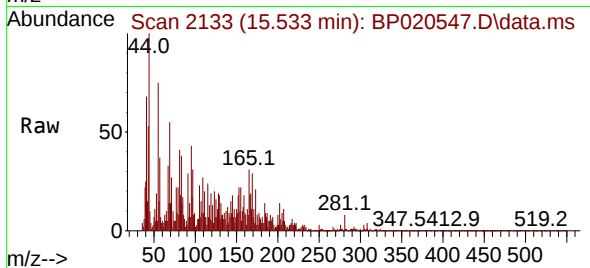




#65
4,6-Dinitro-2-methylphenol
Concen: 7.680 ng
RT: 15.533 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

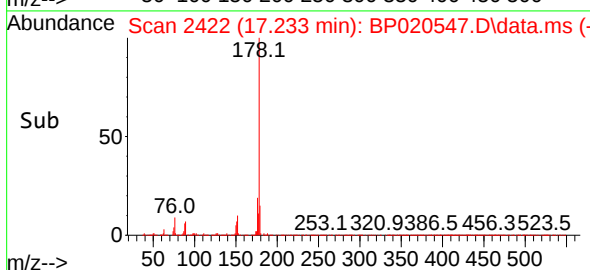
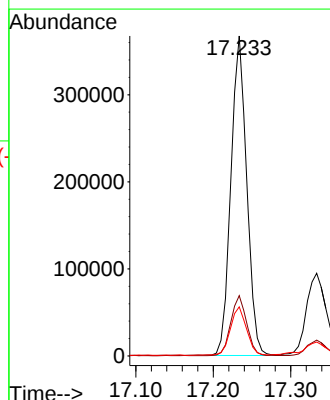
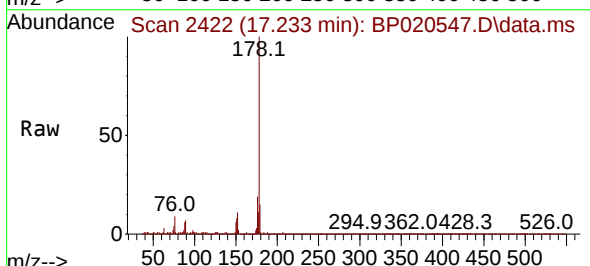
Instrument :
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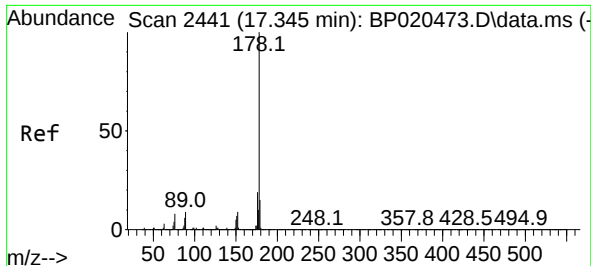
Tgt Ion:198 Resp: 189
Ion Ratio Lower Upper
198 100
51 427.2 24.8 64.8#
105 900.8 23.2 63.2#



#71
Phenanthrene
Concen: 7.858 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:178 Resp: 523249
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.5 18.7

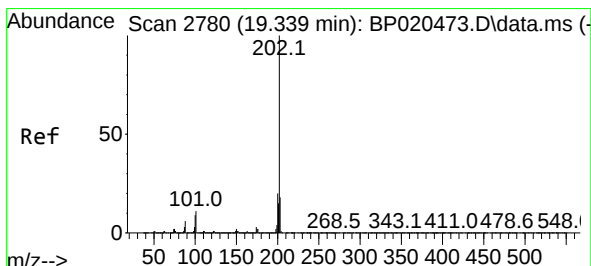
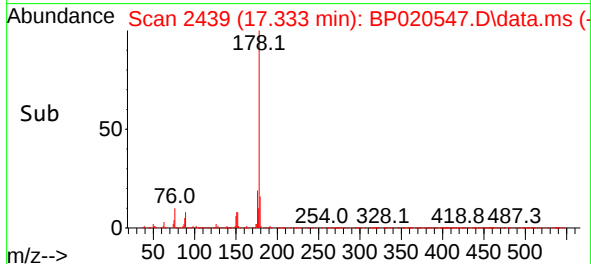
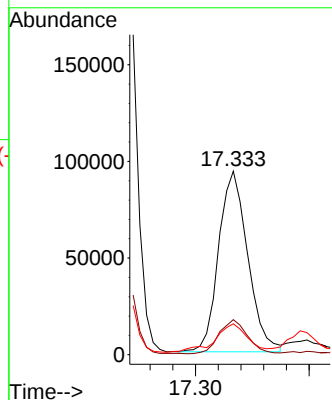
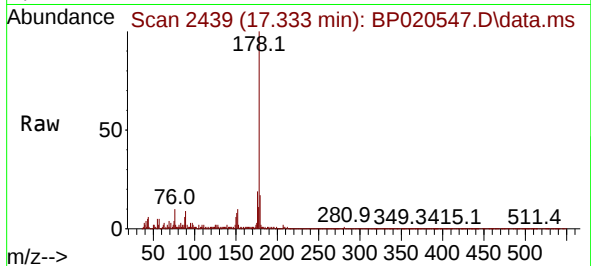




#72
 Anthracene
 Concen: 2.554 ng
 RT: 17.333 min Scan# 2441
 Delta R.T. -0.012 min
 Lab File: BP020547.D
 Acq: 06 Jun 2024 19:00

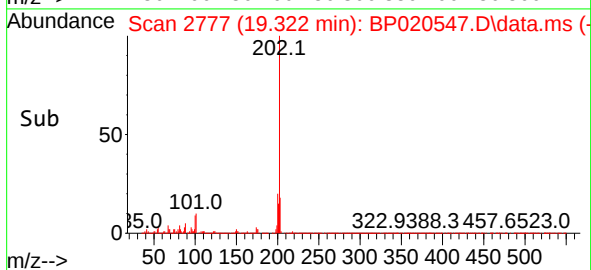
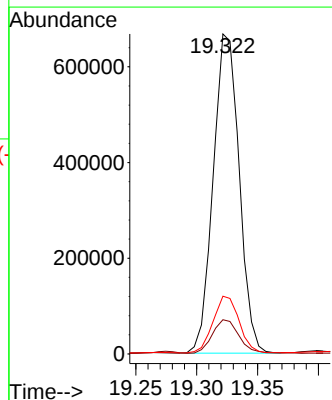
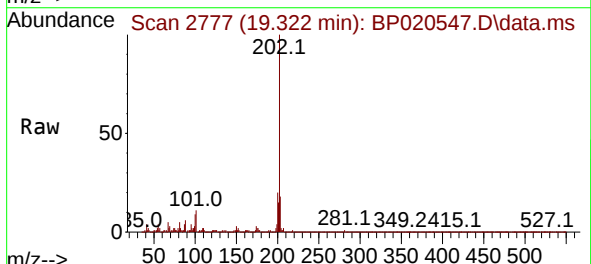
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424

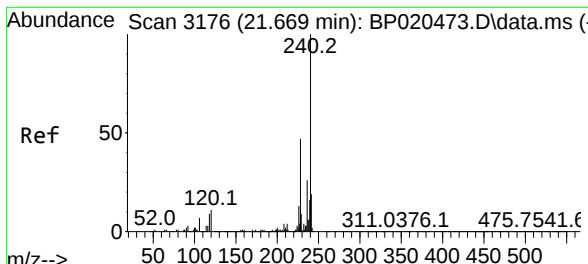
Tgt Ion:178 Resp: 166884
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 16.8 12.2 18.4



#75
 Fluoranthene
 Concen: 12.596 ng
 RT: 19.322 min Scan# 2777
 Delta R.T. -0.018 min
 Lab File: BP020547.D
 Acq: 06 Jun 2024 19:00

Tgt Ion:202 Resp: 992276
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 18.1 0.0 37.7

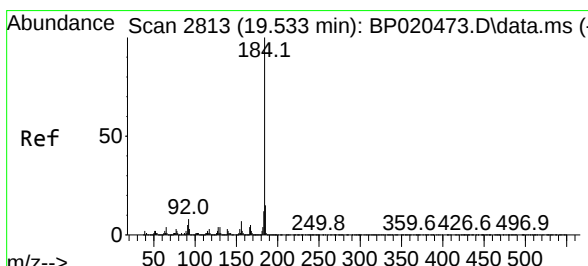
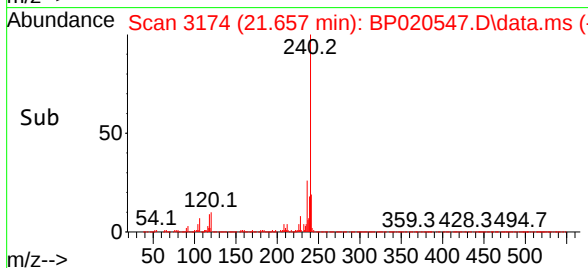
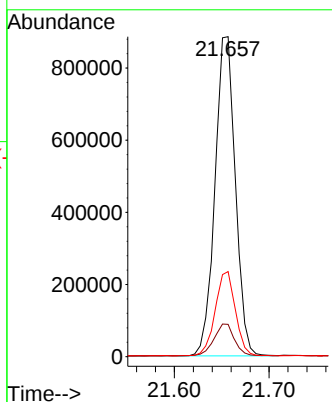
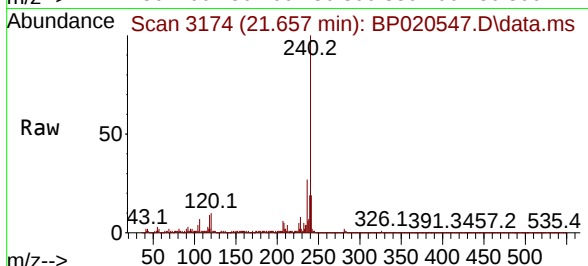




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

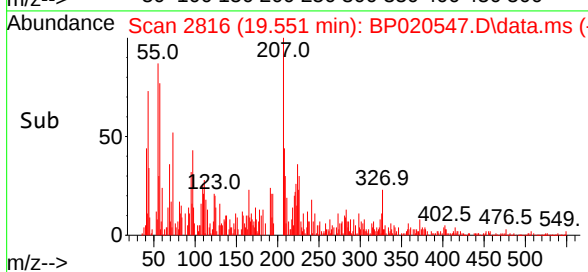
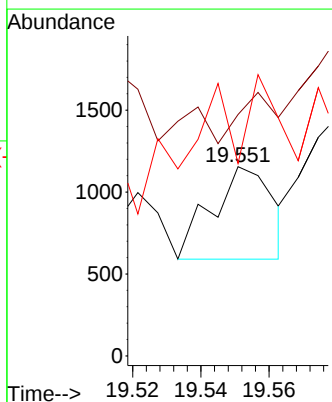
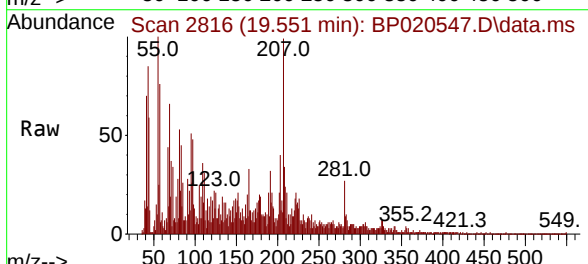
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

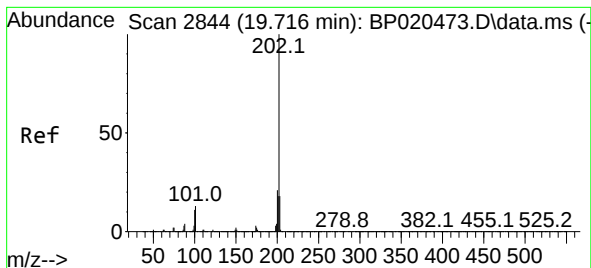
Tgt Ion:240 Resp: 1327809
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 26.6 20.5 30.7



#77
Benzidine
Concen: 5.984 ng
RT: 19.551 min Scan# 2816
Delta R.T. 0.018 min
Lab File: BP020547.D
Acq: 06 Jun 2024 19:00

Tgt Ion:184 Resp: 701
Ion Ratio Lower Upper
184 100
185 127.5 12.0 18.0#
183 101.7 9.4 14.0#





#78

Pyrene

Concen: 11.649 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

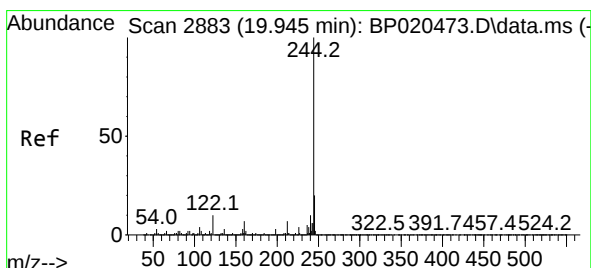
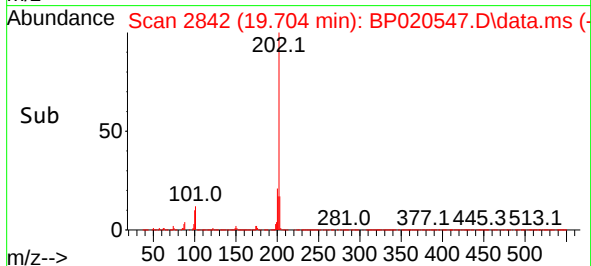
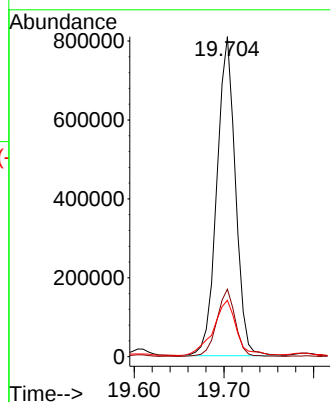
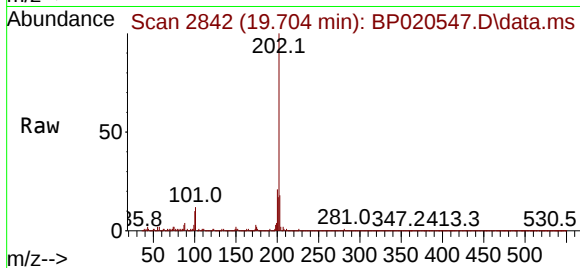
Tgt Ion:202 Resp: 1163425

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.1 21.1



#79

Terphenyl-d14

Concen: 10.717 ng

RT: 19.927 min Scan# 2880

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

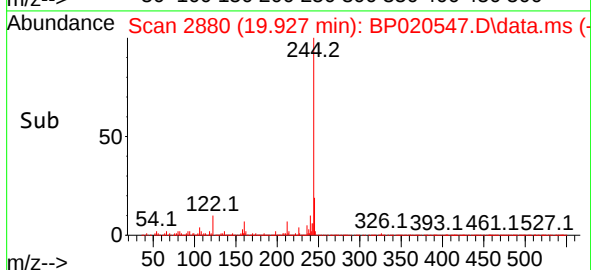
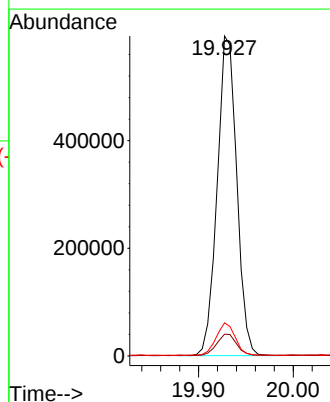
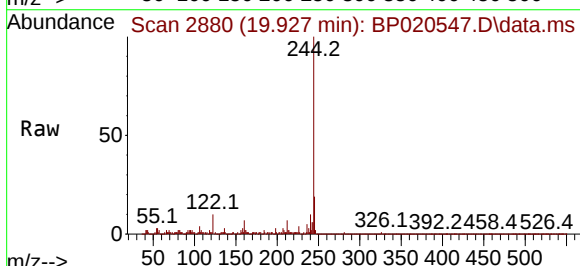
Tgt Ion:244 Resp: 854770

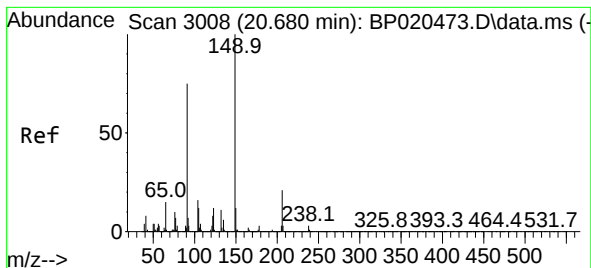
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.3 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.485 ng

RT: 20.674 min Scan# 3008

Delta R.T. -0.006 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

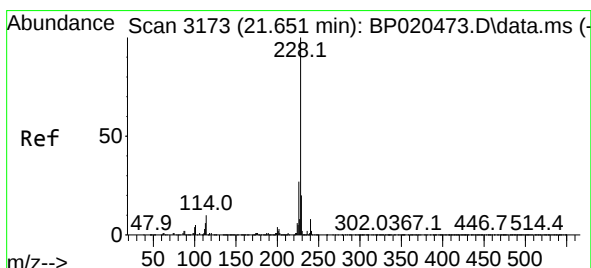
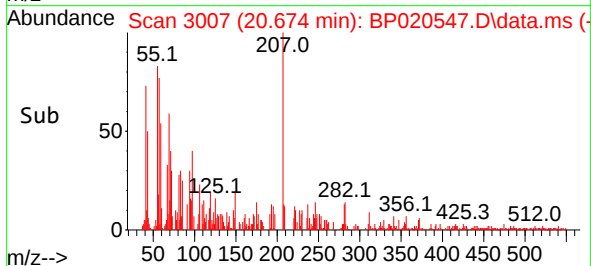
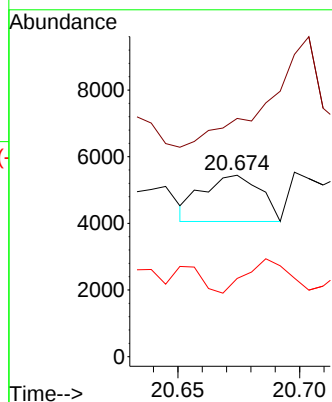
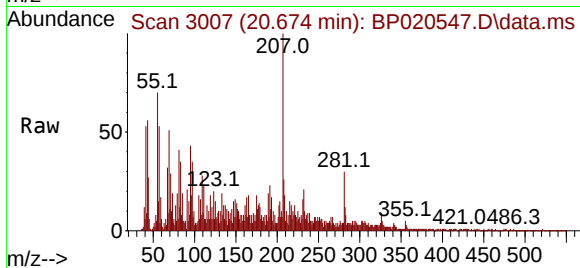
Tgt Ion:149 Resp: 2286

Ion Ratio Lower Upper

149 100

91 131.3 60.0 90.0#

206 43.1 16.6 25.0#



#81

Benzo(a)anthracene

Concen: 7.328 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

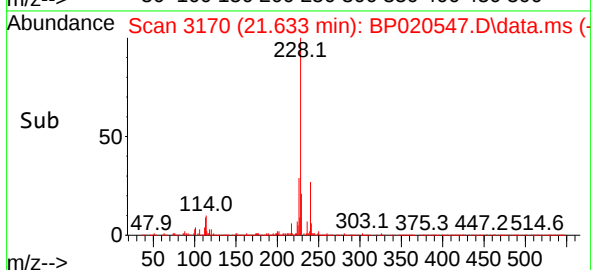
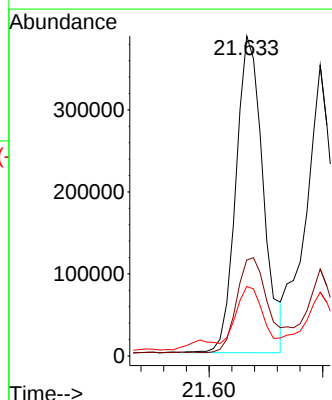
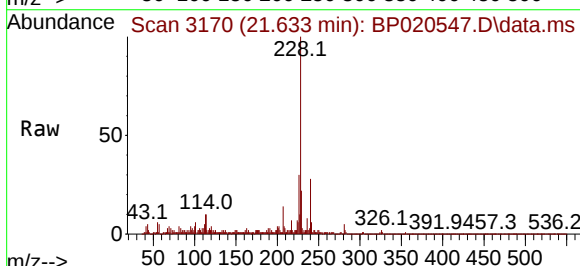
Tgt Ion:228 Resp: 640709

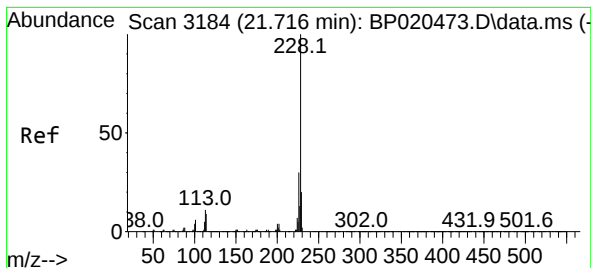
Ion Ratio Lower Upper

228 100

226 30.0 21.7 32.5

229 21.7 15.8 23.6





#83

Chrysene

Concen: 7.108 ng

RT: 21.698 min Scan# 3184

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

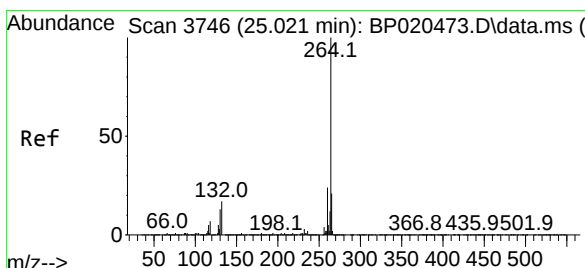
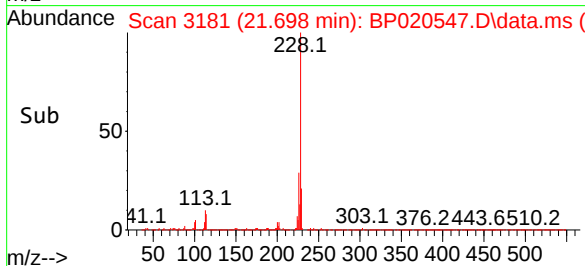
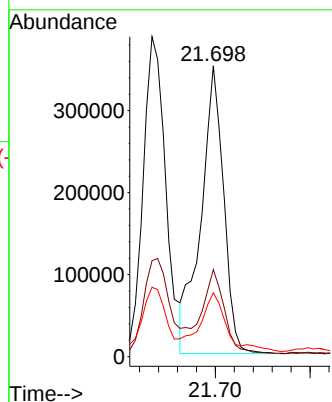
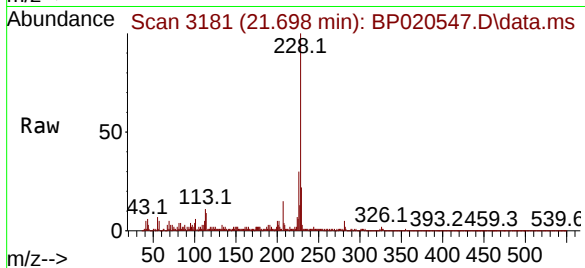
Tgt Ion:228 Resp: 585573

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 21.9 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.009 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

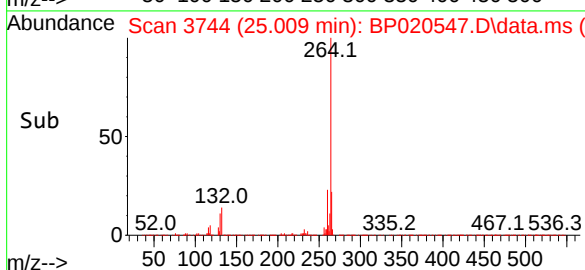
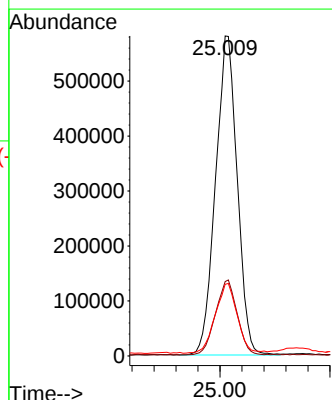
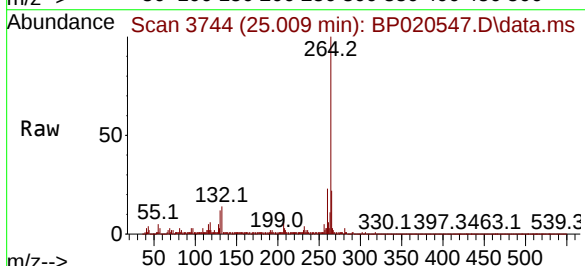
Tgt Ion:264 Resp: 1589255

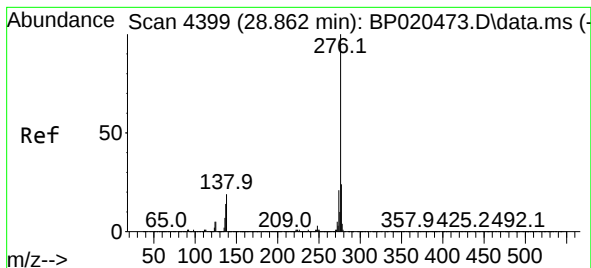
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.226 ng

RT: 28.839 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

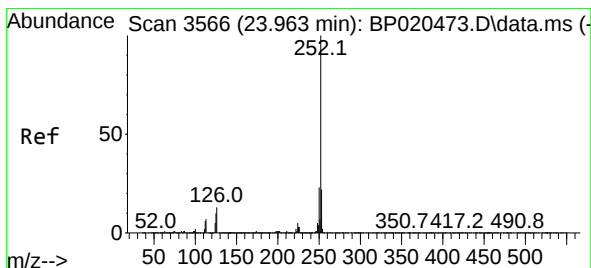
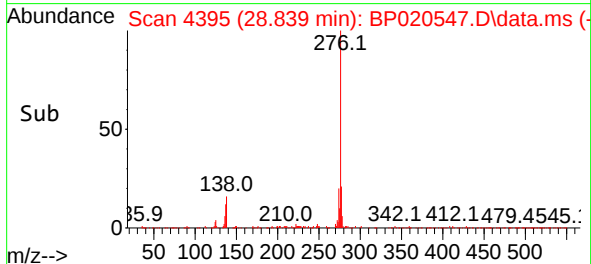
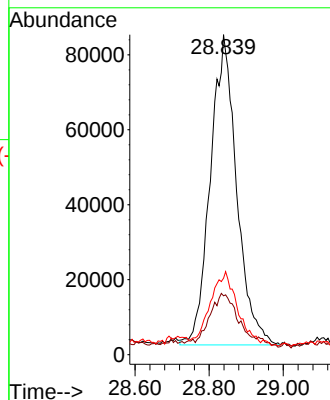
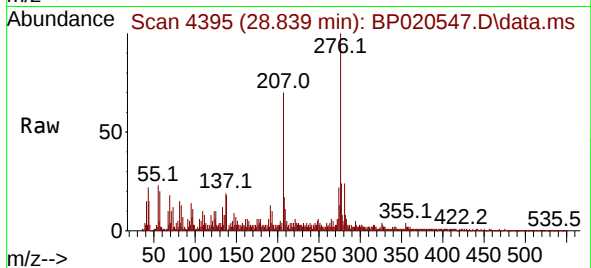
Tgt Ion:276 Resp: 408374

Ion Ratio Lower Upper

276 100

138 16.3 12.8 19.2

277 23.5 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 7.688 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

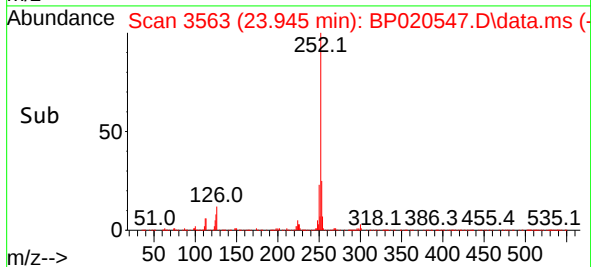
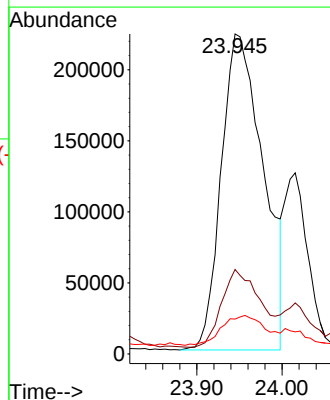
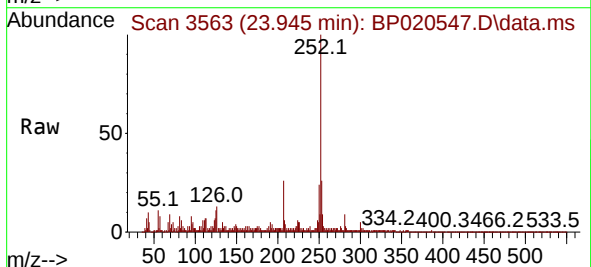
Tgt Ion:252 Resp: 761167

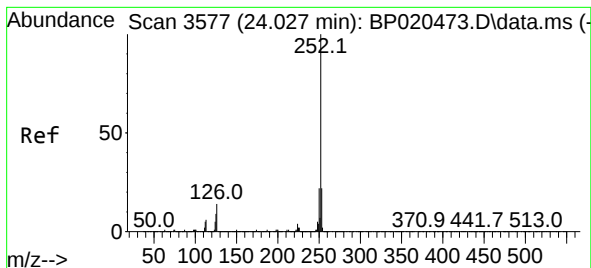
Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4

125 10.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 7.882 ng

RT: 23.945 min Scan# 31

Delta R.T. -0.082 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

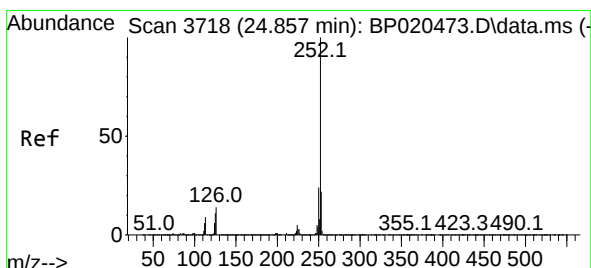
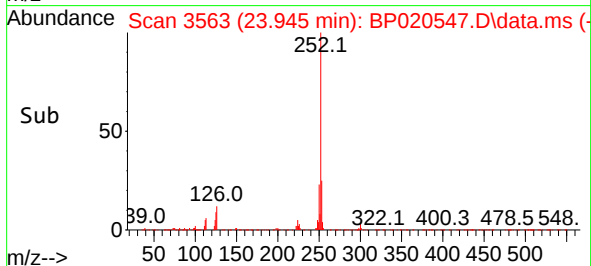
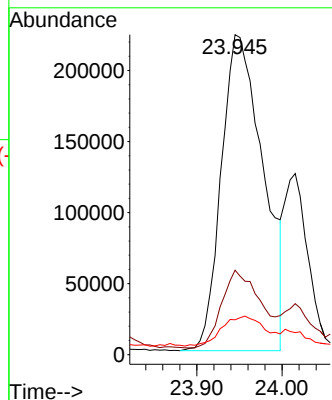
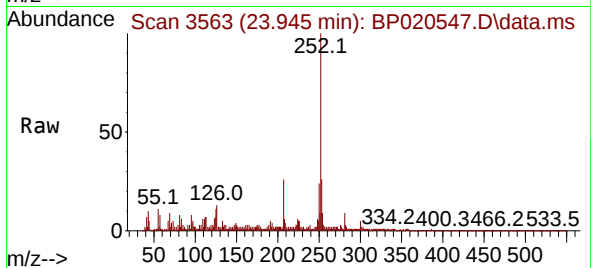
Tgt Ion:252 Resp: 761167

Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 10.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 7.291 ng

RT: 24.851 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BP020547.D

Acq: 06 Jun 2024 19:00

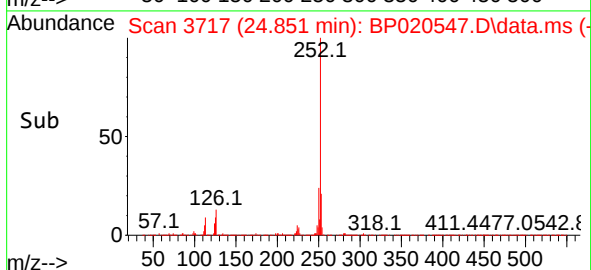
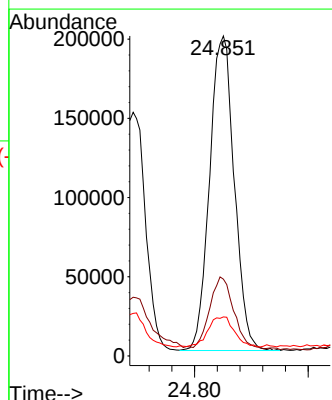
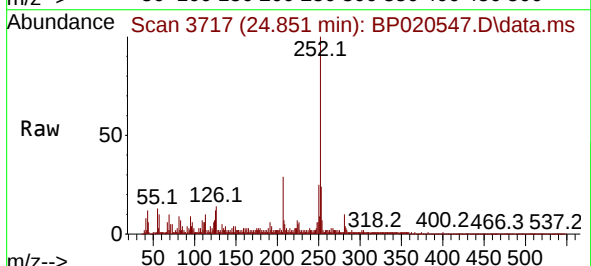
Tgt Ion:252 Resp: 597839

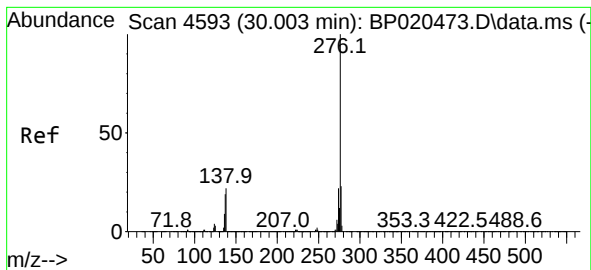
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 12.2 8.9 13.3





#92

Benzo(g,h,i)perylene

Concen: 5.315 ng

RT: 30.021 min Scan# 4

Delta R.T. 0.018 min

Lab File: BP020547.D

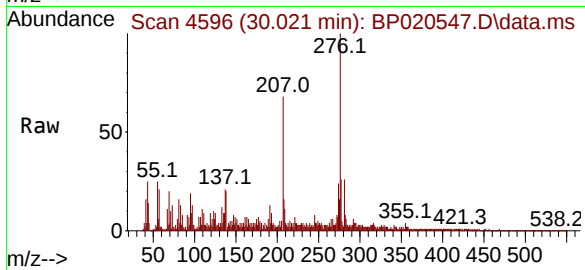
Acq: 06 Jun 2024 19:00

Instrument :

BNA_P

ClientSampleId :

EO-01-060424



Tgt Ion:276 Resp: 428252

Ion Ratio Lower Upper

276 100

277 25.6 18.7 28.1

138 20.0 17.7 26.5

