

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024647.D
 Acq On : 15 May 2025 21:25
 Operator : RC/JU
 Sample : Q1982-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9

Quant Time: May 16 01:18:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

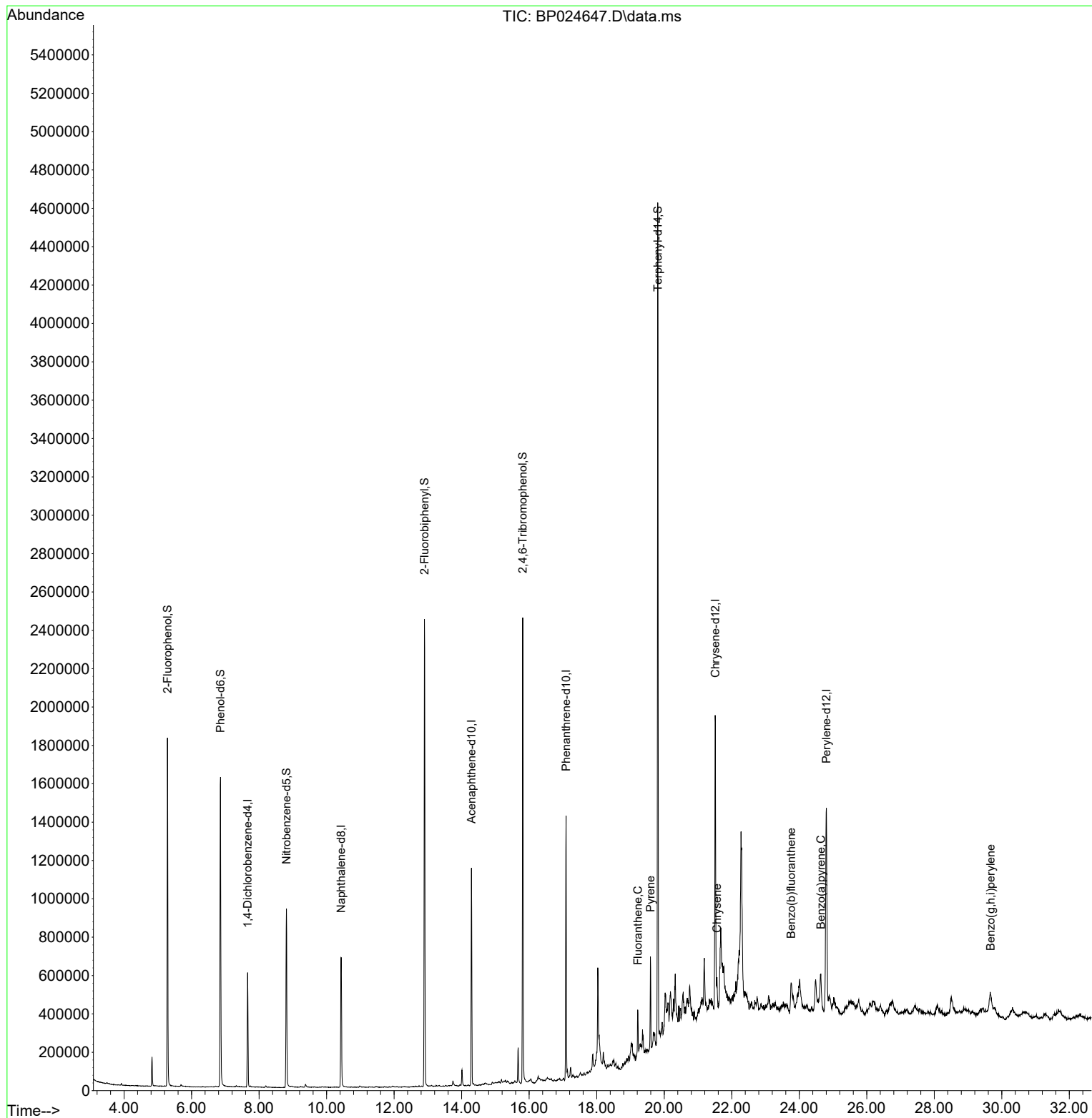
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	165553	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	643582	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	391444	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	756008	20.000	ng	0.00
76) Chrysene-d12	21.516	240	888340	20.000	ng	0.00
86) Perylene-d12	24.804	264	1083555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	783475	80.943	ng	0.00
7) Phenol-d6	6.857	99	986855	79.884	ng	0.00
23) Nitrobenzene-d5	8.810	82	566935	44.509	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	511425	77.067	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1330245	44.522	ng	0.00
79) Terphenyl-d14	19.810	244	2178084	42.042	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.216	202	139697	2.844	ng	98
78) Pyrene	19.592	202	297430	5.588	ng	98
83) Chrysene	21.563	228	116826m	2.209	ng	
88) Benzo(b)fluoranthene	23.757	252	203807	3.286	ng	97
90) Benzo(a)pyrene	24.639	252	202656	3.402	ng	97
92) Benzo(g,h,i)perylene	29.668	276	182303	2.849	ng	98

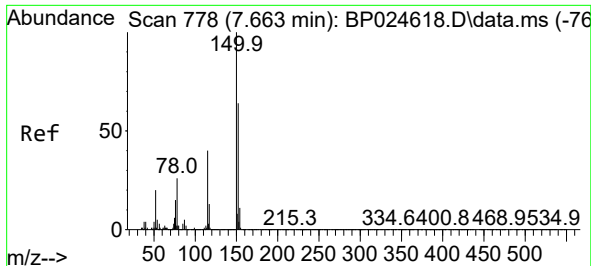
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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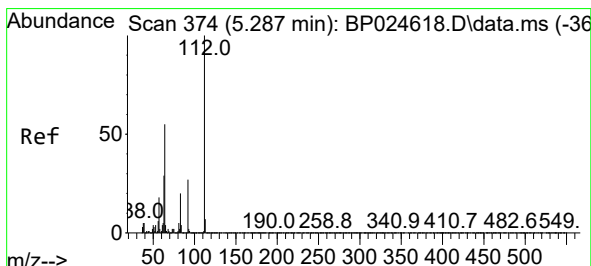
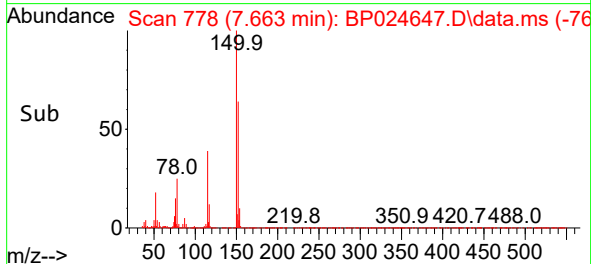
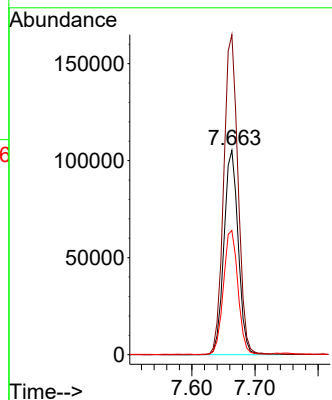
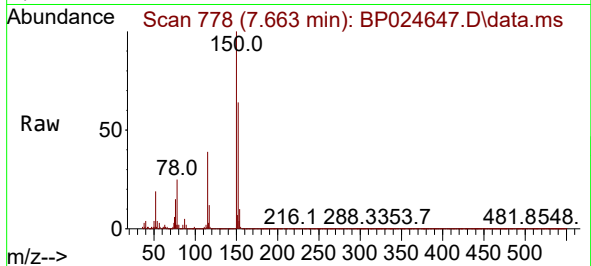




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

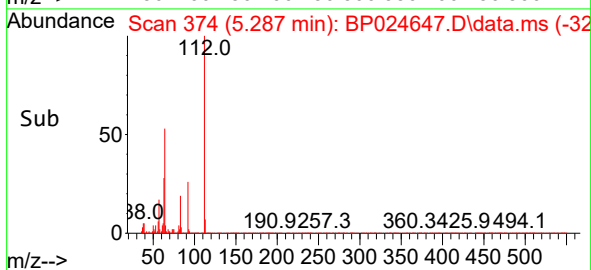
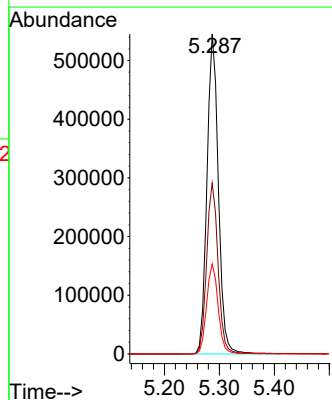
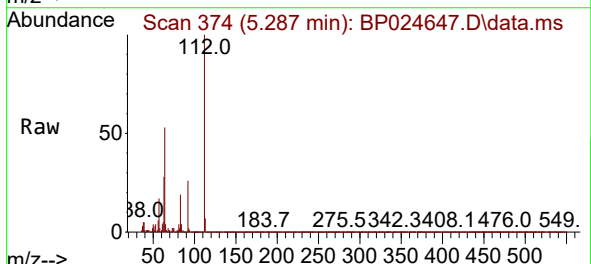
Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 165553
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 60.8 50.1 75.1



#5
2-Fluorophenol
Concen: 80.943 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:112 Resp: 783475
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.2 23.5 35.3

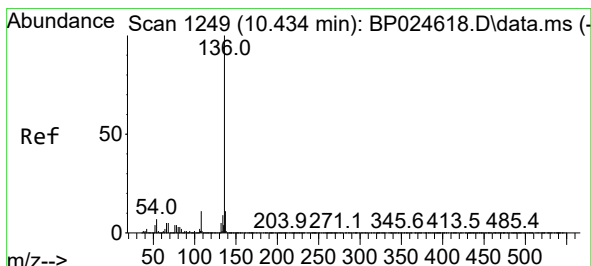
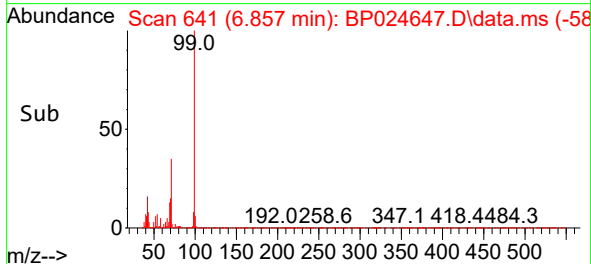
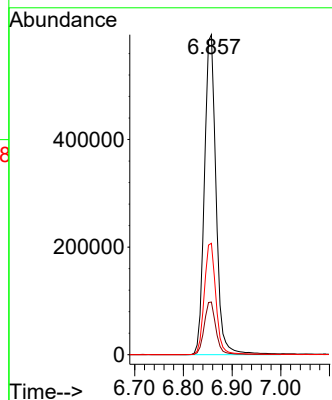
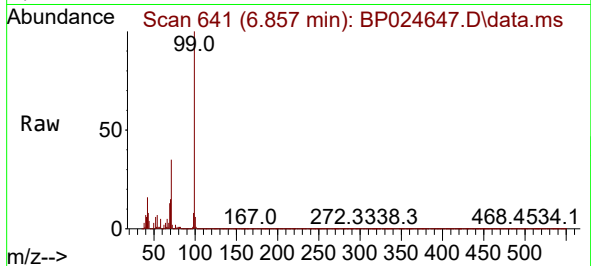




#7
Phenol-d6
Concen: 79.884 ng
RT: 6.857 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

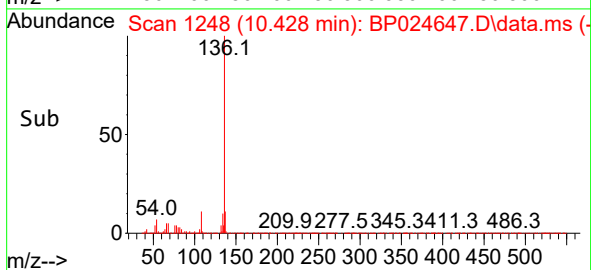
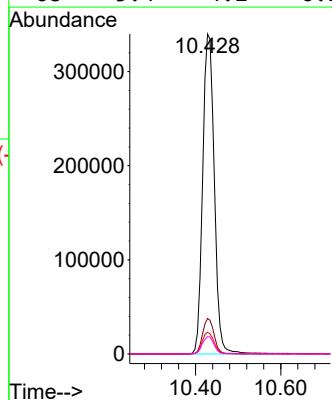
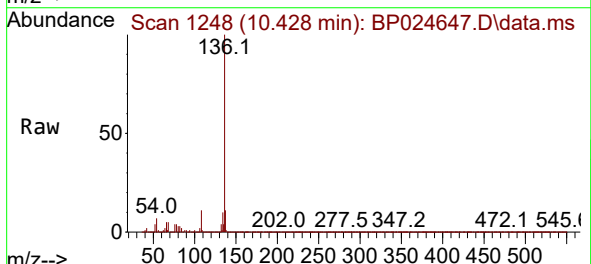
Instrument :
BNA_P
ClientSampleId :
TP-9

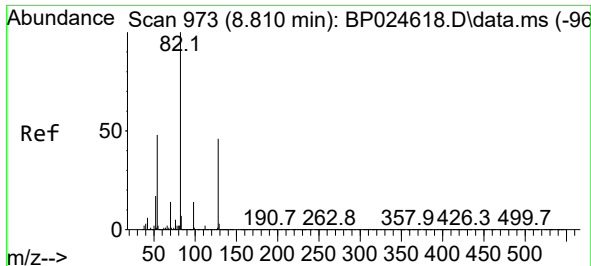
Tgt Ion: 99 Resp: 986855
Ion Ratio Lower Upper
99 100
42 16.5 14.4 21.6
71 34.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion: 136 Resp: 643582
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.5 8.3
68 5.4 4.2 6.2

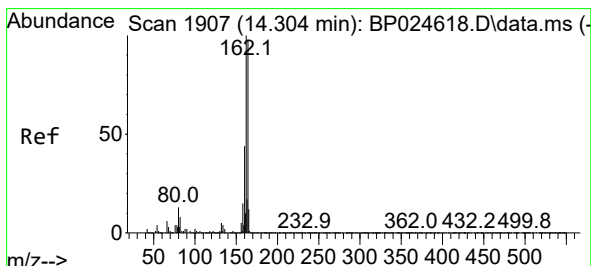
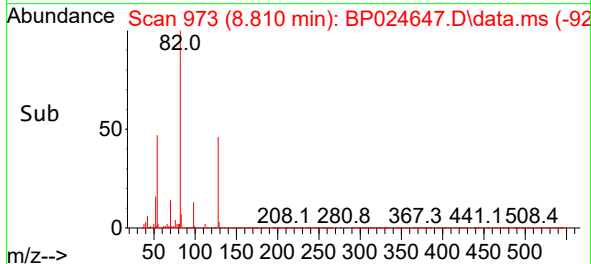
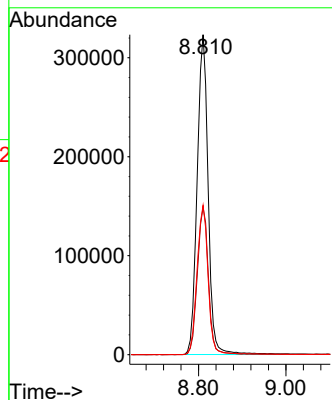
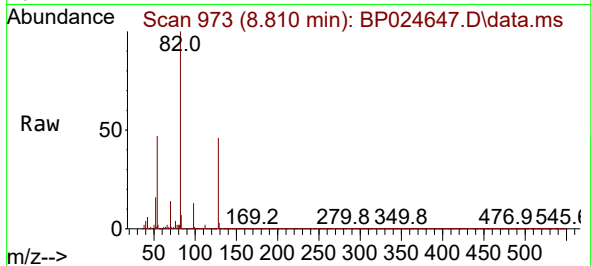




#23
Nitrobenzene-d5
Concen: 44.509 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

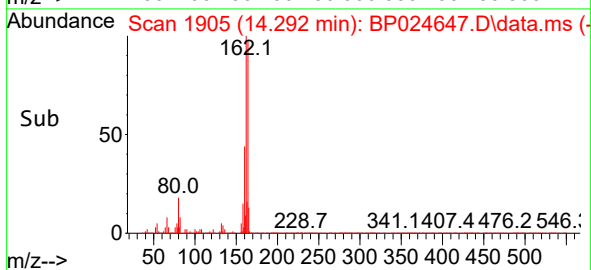
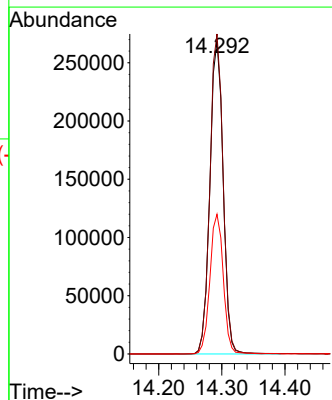
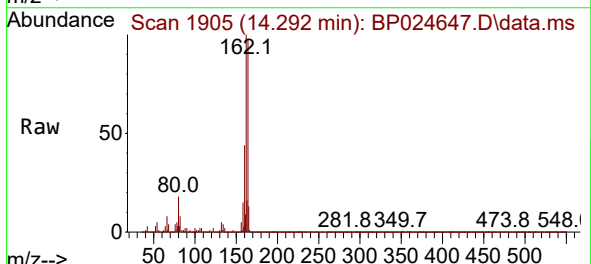
Instrument :
BNA_P
ClientSampleId :
TP-9

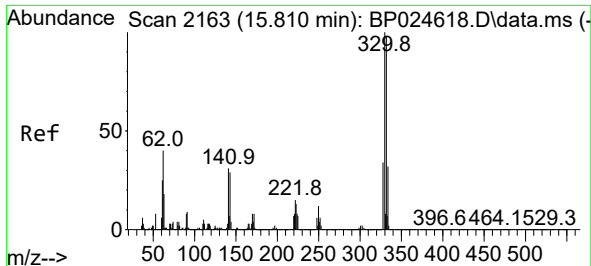
Tgt Ion: 82 Resp: 566935
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 46.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:164 Resp: 391444
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.7 36.3 54.5

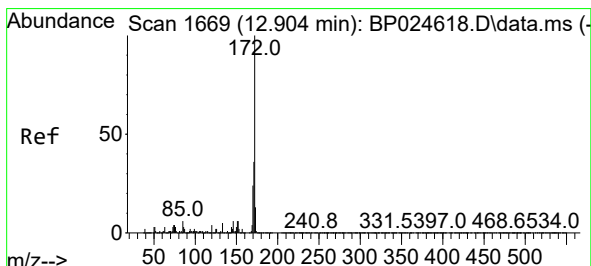
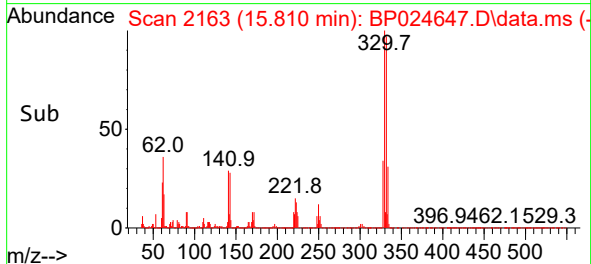
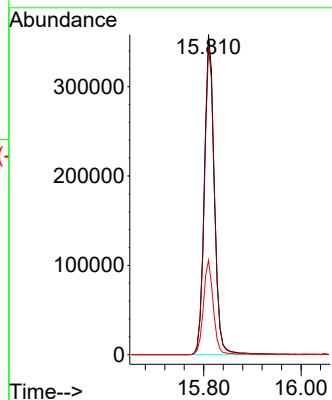
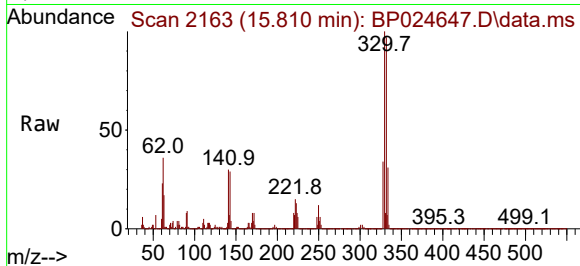




#42
2,4,6-Tribromophenol
Concen: 77.067 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

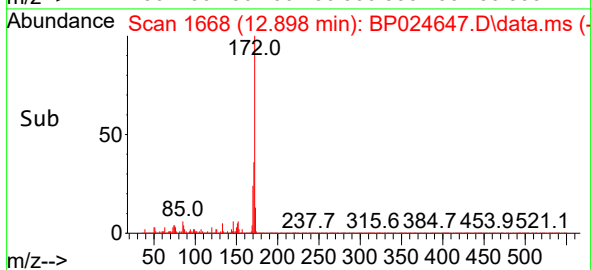
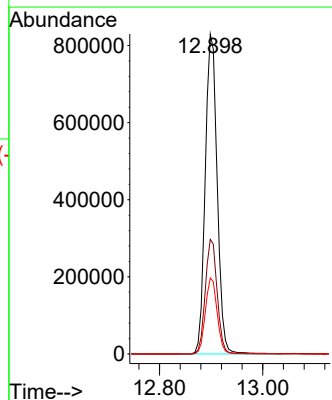
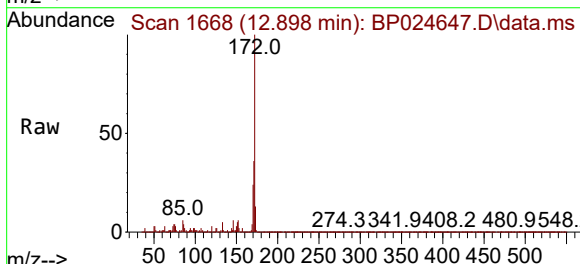
Instrument :
BNA_P
ClientSampleId :
TP-9

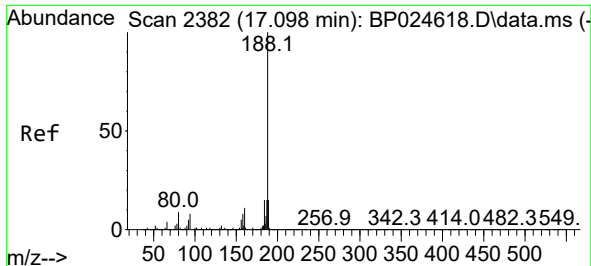
Tgt Ion:330 Resp: 511425
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 28.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 44.522 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:172 Resp: 1330245
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 18.8 28.2

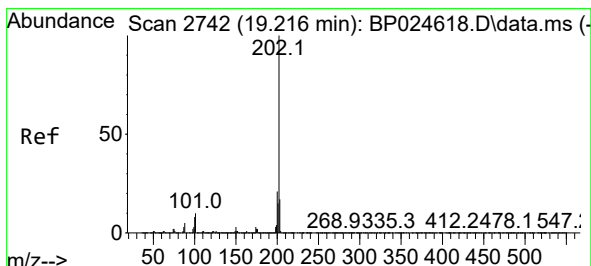
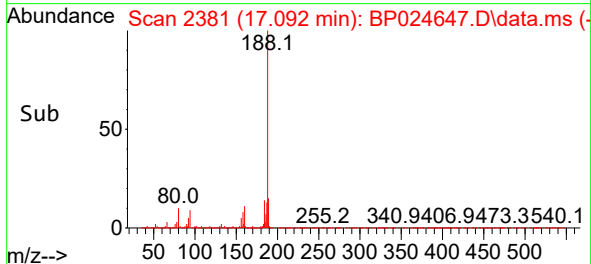
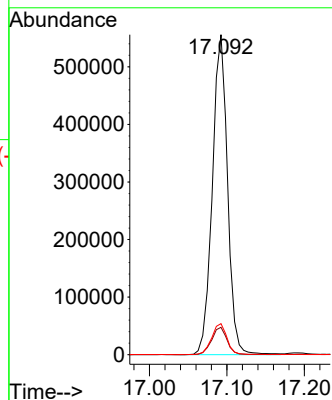
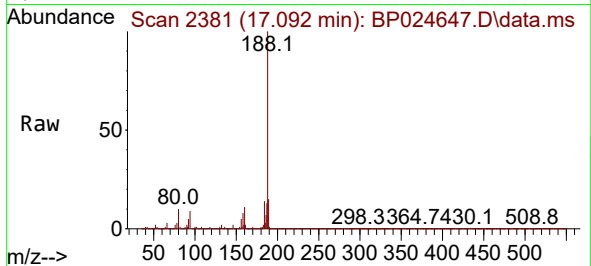




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

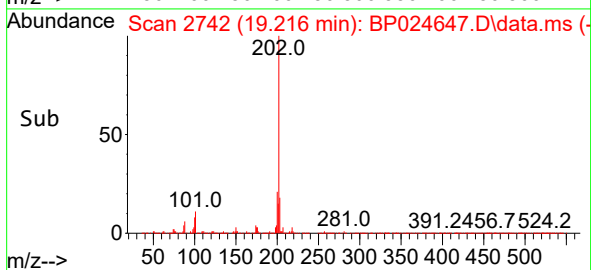
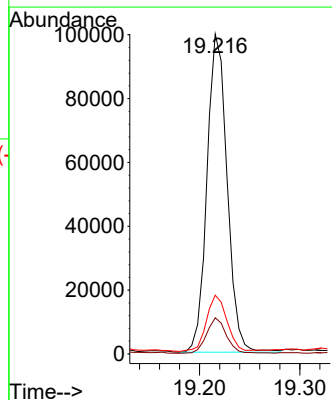
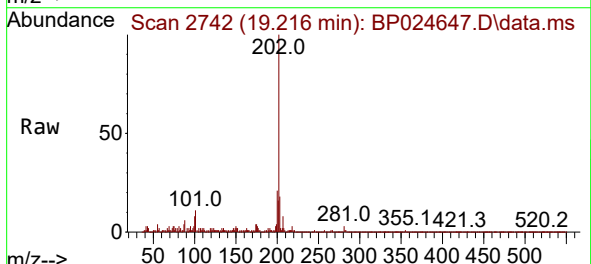
Instrument :
BNA_P
ClientSampleId :
TP-9

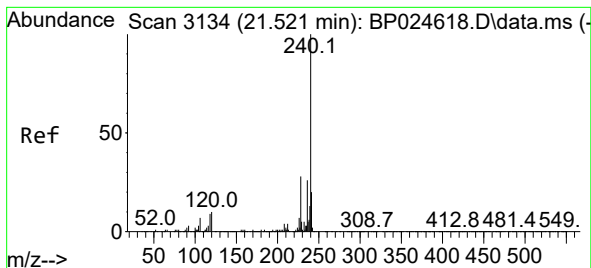
Tgt Ion:188 Resp: 756008
Ion Ratio Lower Upper
188 100
94 8.6 6.5 9.7
80 9.7 7.3 10.9



#75
Fluoranthene
Concen: 2.844 ng
RT: 19.216 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:202 Resp: 139697
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.3
203 18.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

Instrument :

BNA_P

ClientSampleId :

TP-9

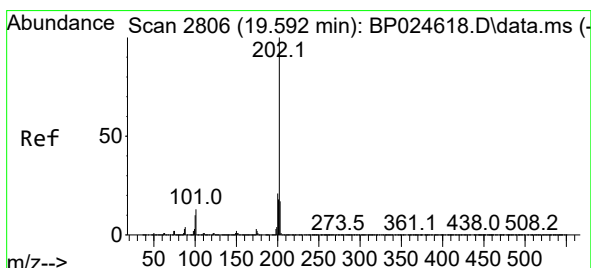
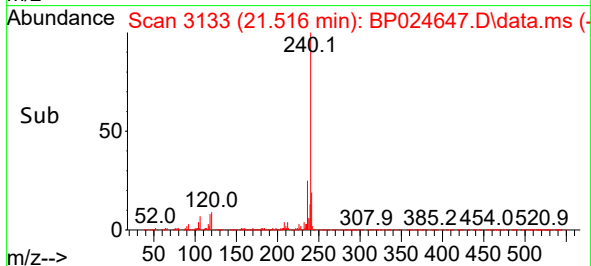
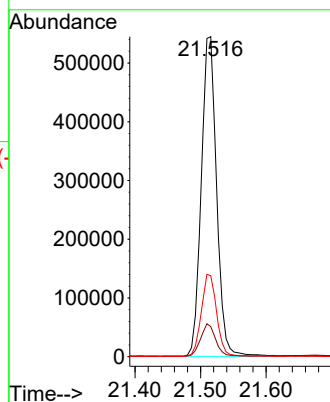
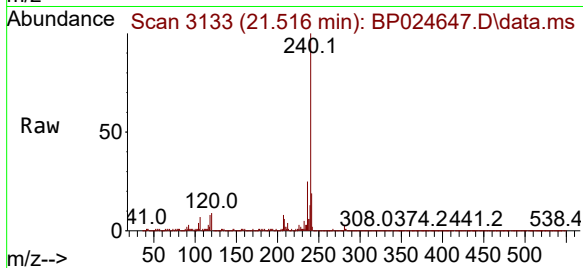
Tgt Ion:240 Resp: 888340

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.3 20.6 31.0



#78

Pyrene

Concen: 5.588 ng

RT: 19.592 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

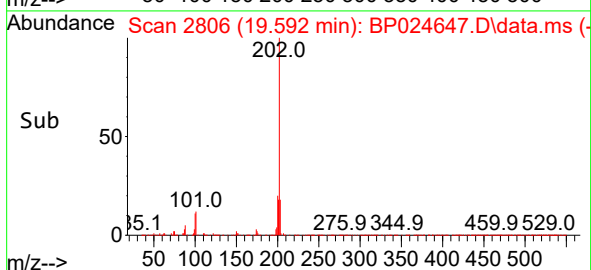
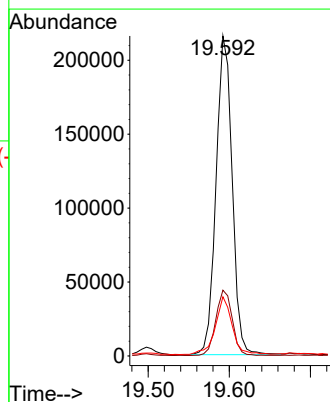
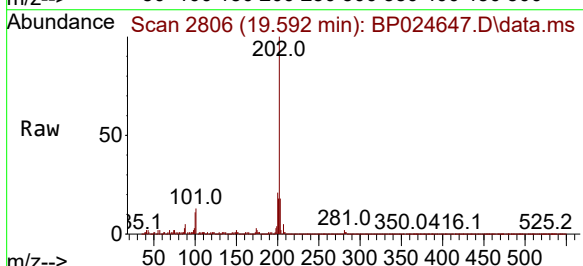
Tgt Ion:202 Resp: 297430

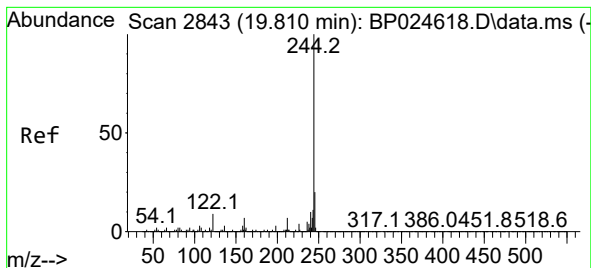
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 18.5 13.9 20.9





#79

Terphenyl-d14

Concen: 42.042 ng

RT: 19.810 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

Instrument :

BNA_P

ClientSampleId :

TP-9

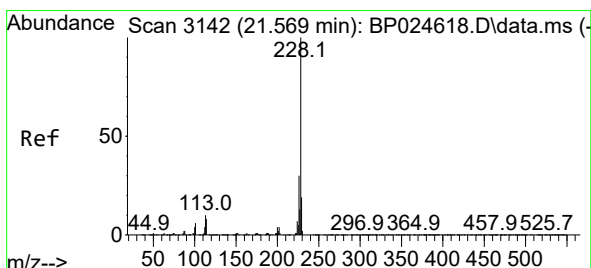
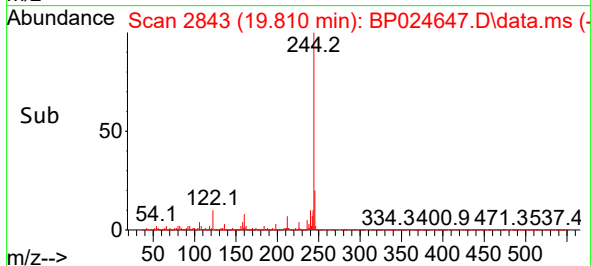
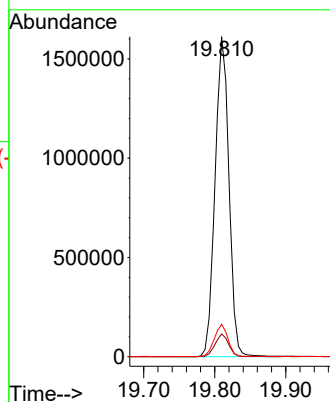
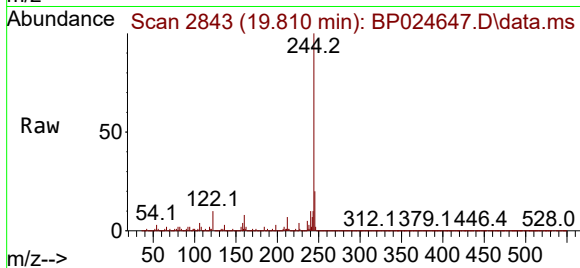
Tgt Ion:244 Resp: 2178084

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 10.1 7.4 11.0



#83

Chrysene

Concen: 2.209 ng m

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

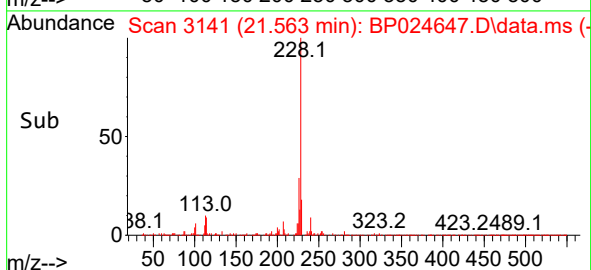
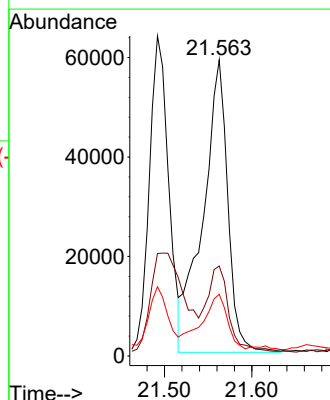
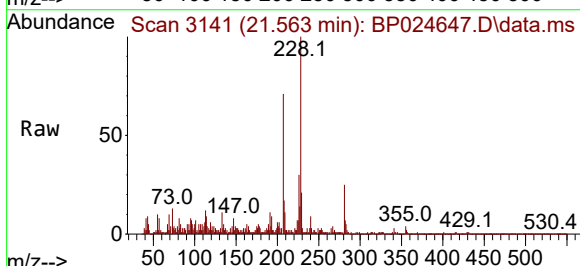
Tgt Ion:228 Resp: 116826

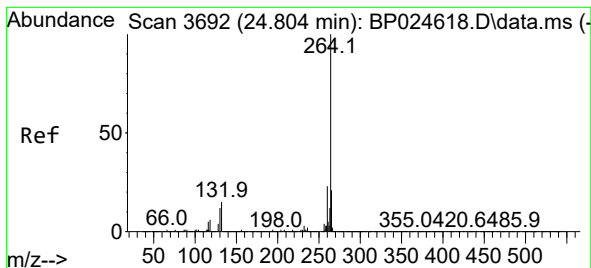
Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.8 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

Instrument :

BNA_P

ClientSampleId :

TP-9

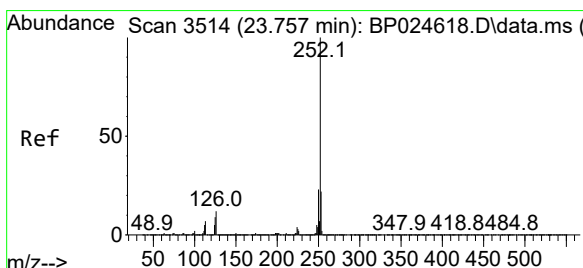
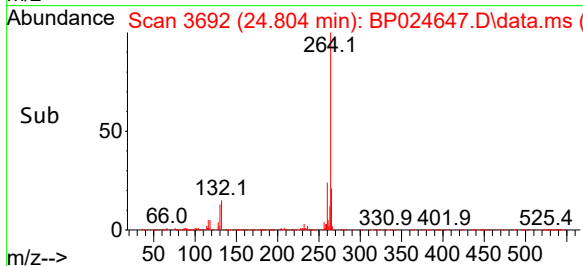
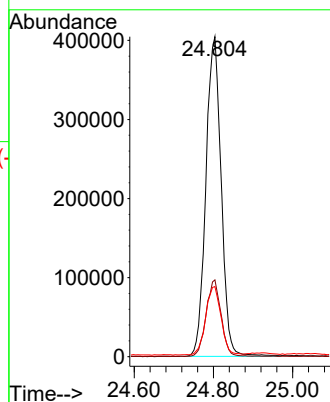
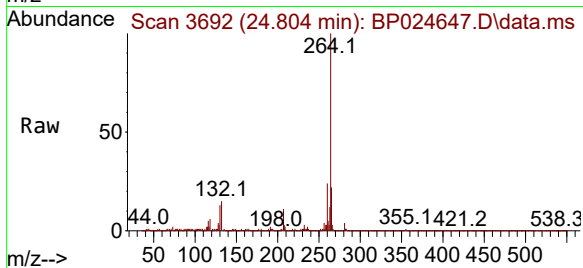
Tgt Ion:264 Resp: 1083555

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.9 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 3.286 ng

RT: 23.757 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

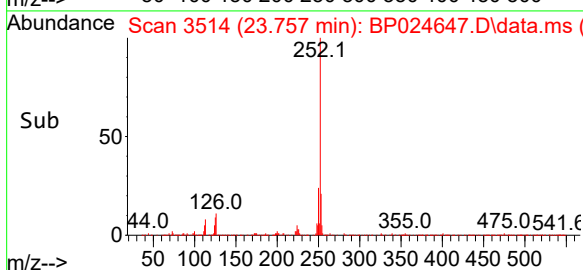
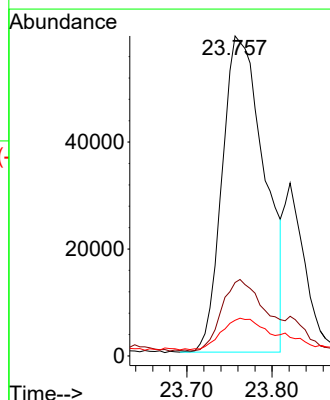
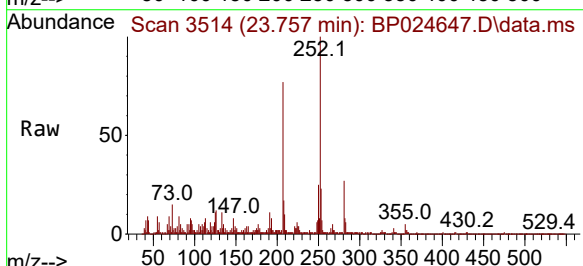
Tgt Ion:252 Resp: 203807

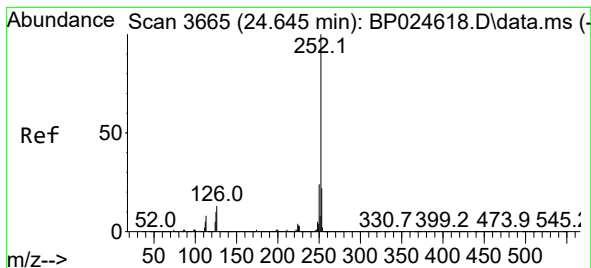
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 11.1 7.5 11.3





#90

Benzo(a)pyrene

Concen: 3.402 ng

RT: 24.639 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

Instrument :

BNA_P

ClientSampleId :

TP-9

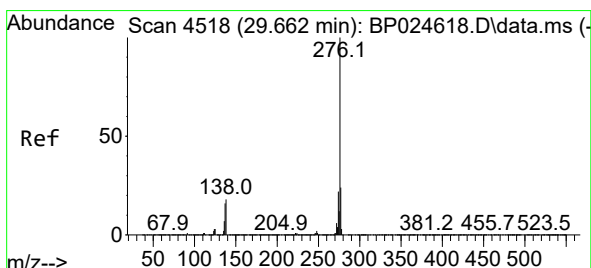
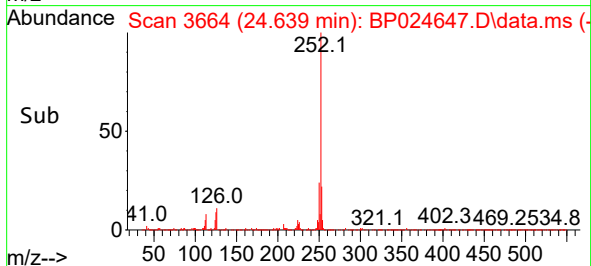
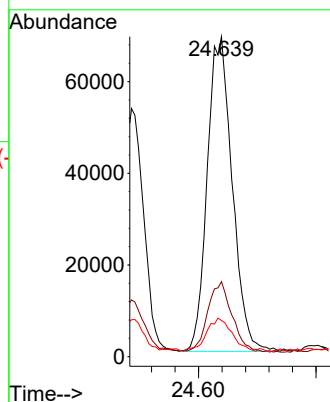
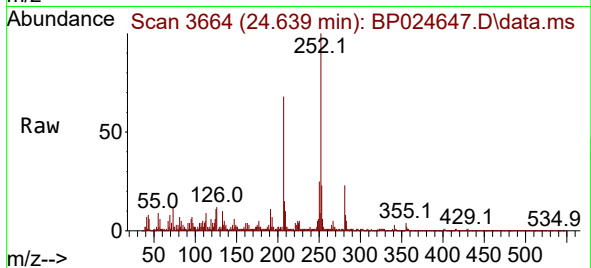
Tgt Ion:252 Resp: 202656

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 11.3 8.1 12.1



#92

Benzo(g,h,i)perylene

Concen: 2.849 ng

RT: 29.668 min Scan# 4519

Delta R.T. 0.006 min

Lab File: BP024647.D

Acq: 15 May 2025 21:25

Tgt Ion:276 Resp: 182303

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 17.5 14.4 21.6

