

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024635.D
 Acq On : 15 May 2025 13:05
 Operator : RC/JU
 Sample : PB167973BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167973BL

Quant Time: May 15 13:42:00 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	7.658	152	146276	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	564318	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	357828	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	764705	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	884123	20.000	ng	0.00
86) Perylene-d12	24.804	264	966019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1227824	143.566	ng	0.00
7) Phenol-d6	6.852	99	1498528	137.290	ng	0.00
23) Nitrobenzene-d5	8.811	82	916951	82.100	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	871050	143.590	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2149900	78.715	ng	0.00
79) Terphenyl-d14	19.816	244	4357069	84.502	ng	0.00

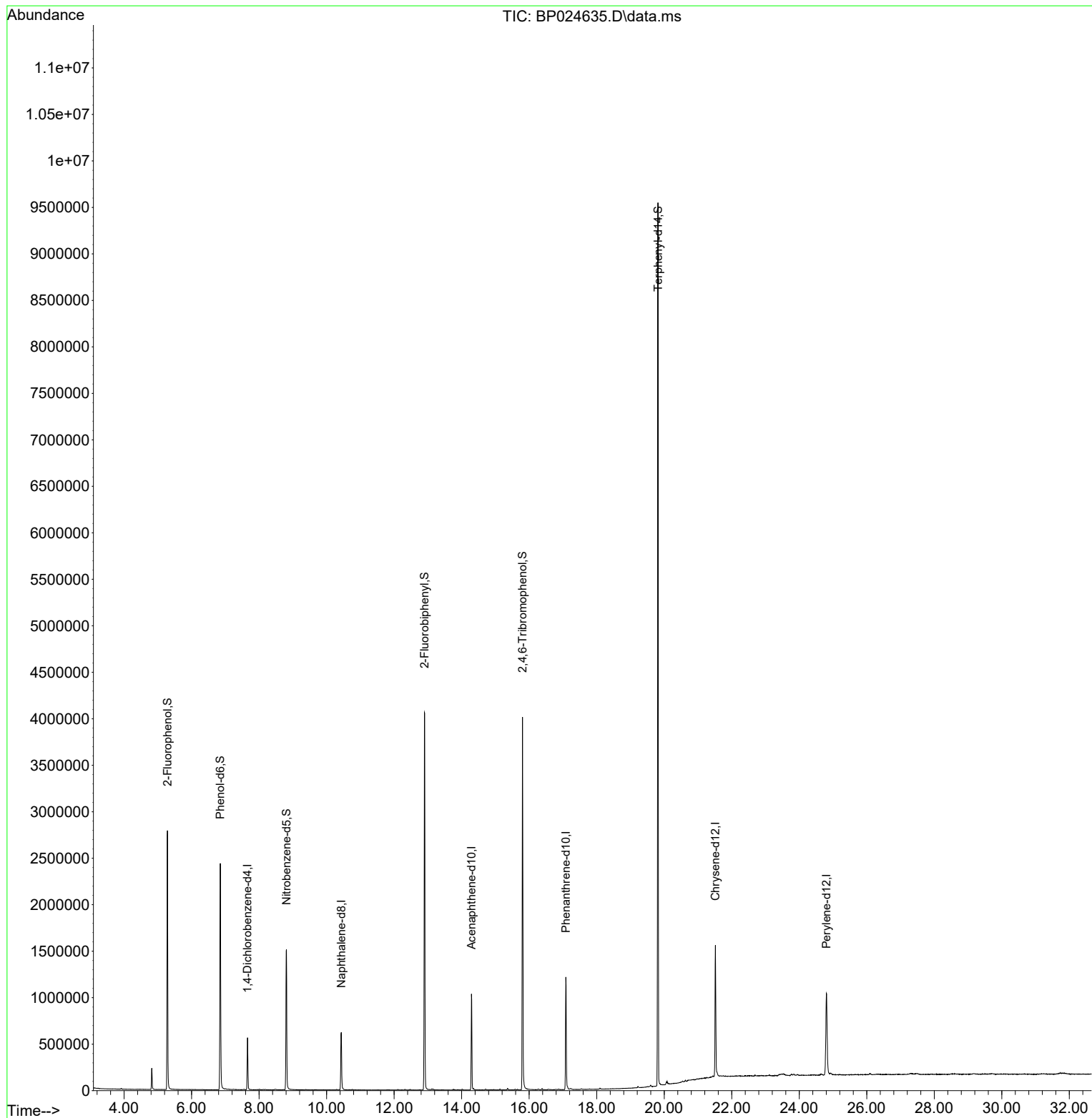
Target Compounds	Qvalue

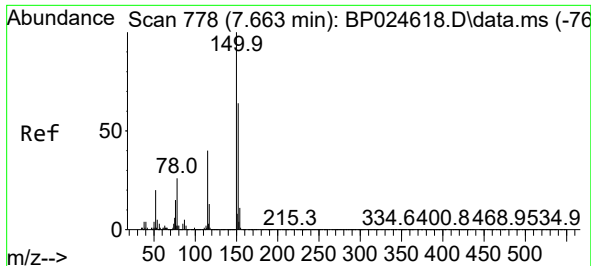
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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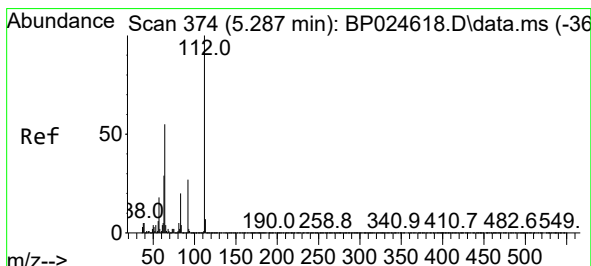
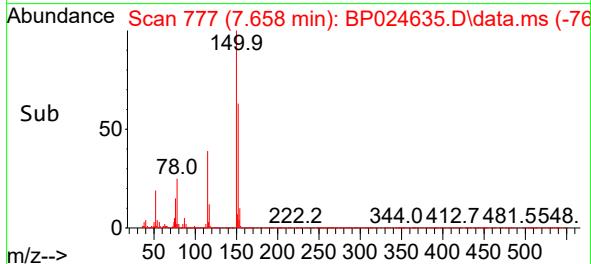
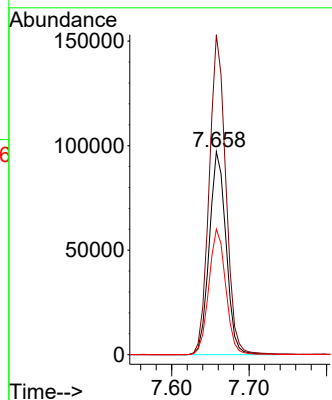
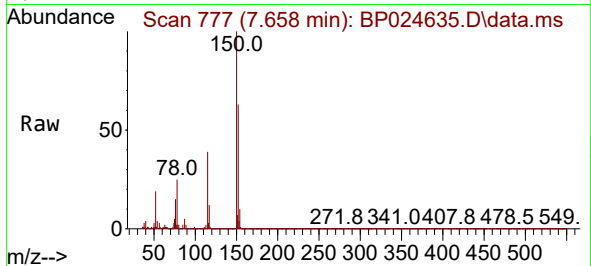




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

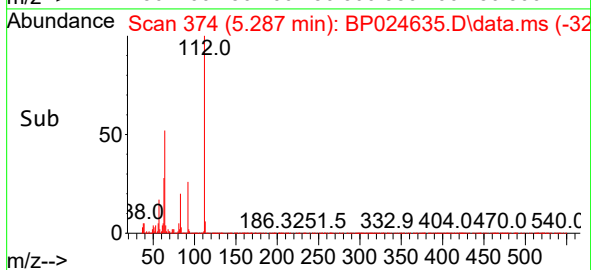
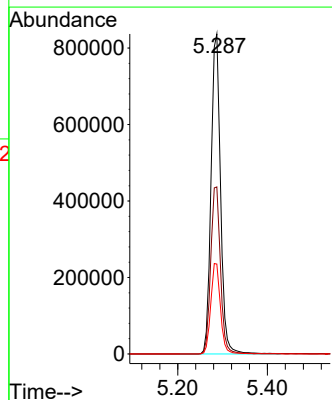
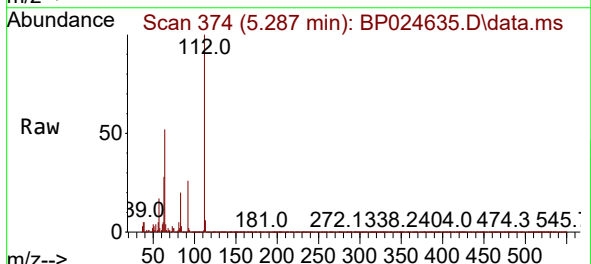
Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:152 Resp: 146276
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 143.566 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:112 Resp: 1227824
Ion Ratio Lower Upper
112 100
64 52.2 44.1 66.1
63 28.1 23.5 35.3

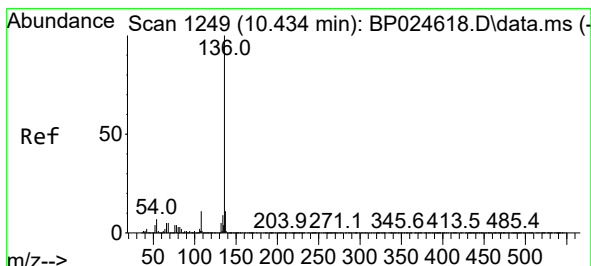
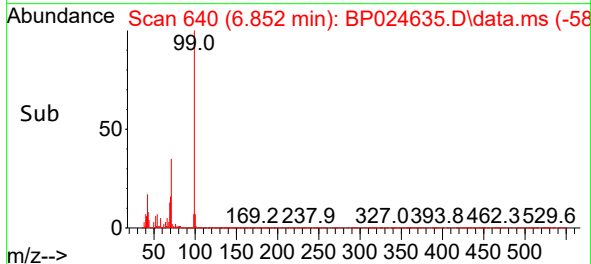
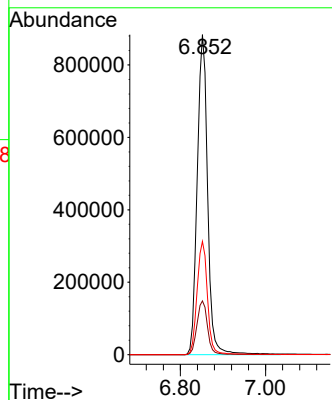
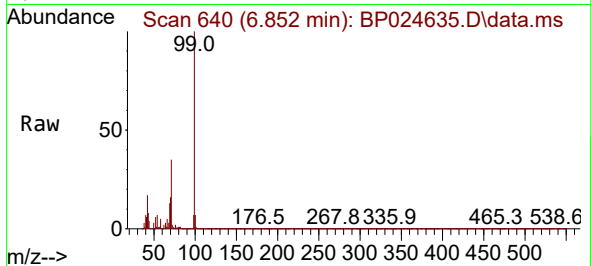




#7
Phenol-d6
Concen: 137.290 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

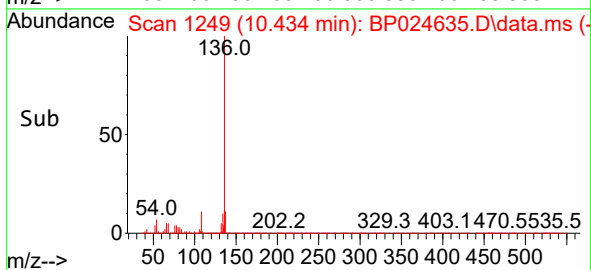
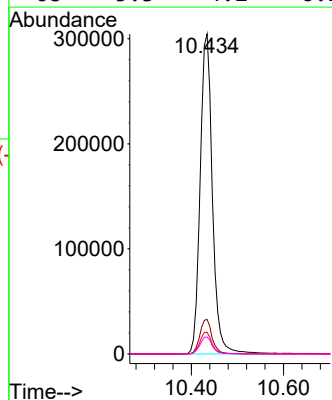
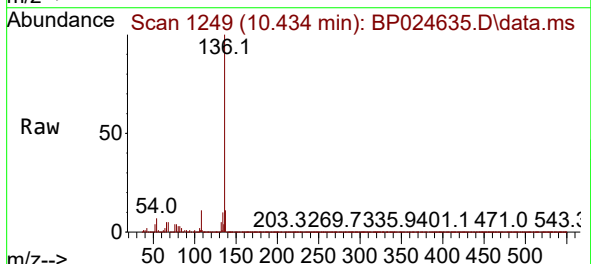
Instrument :
BNA_P
ClientSampleId :
PB167973BL

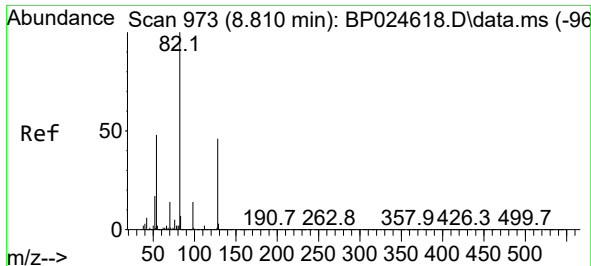
Tgt Ion: 99 Resp: 1498528
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 35.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:136 Resp: 564318
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.5 8.3
68 5.3 4.2 6.2

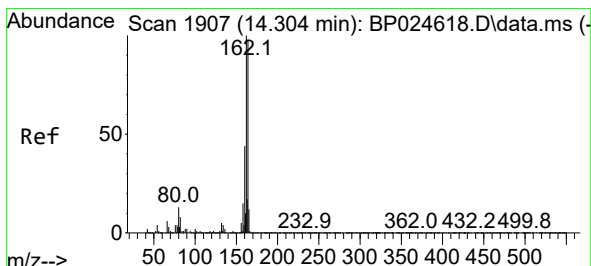
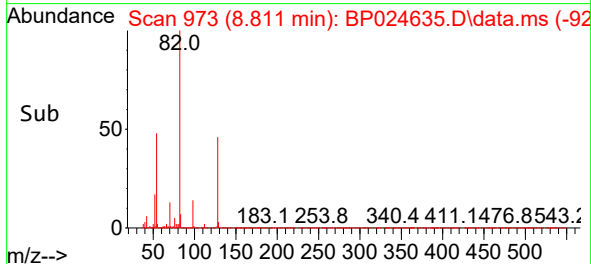
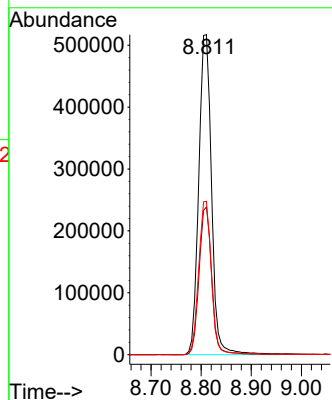
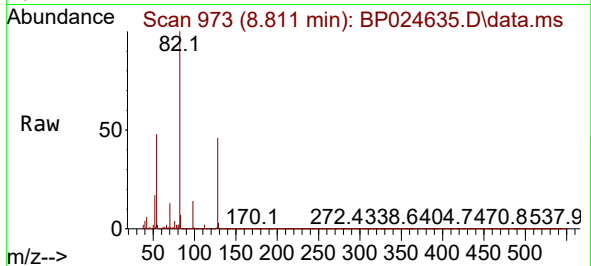




#23
Nitrobenzene-d5
Concen: 82.100 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

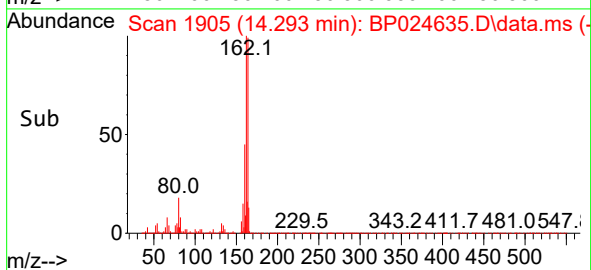
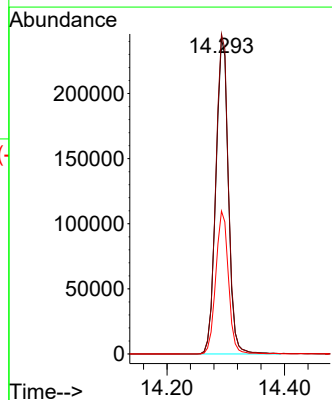
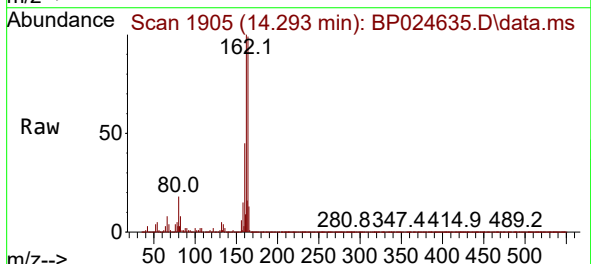
Instrument :
BNA_P
ClientSampleId :
PB167973BL

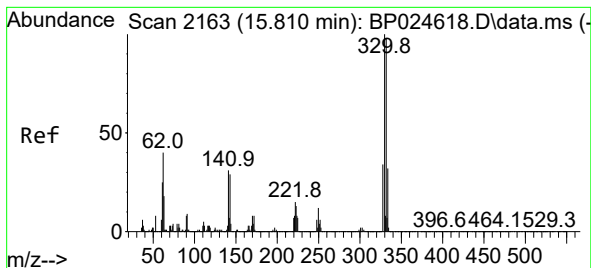
Tgt Ion: 82 Resp: 916951
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.9 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:164 Resp: 357828
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 143.590 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

Instrument :

BNA_P

ClientSampleId :

PB167973BL

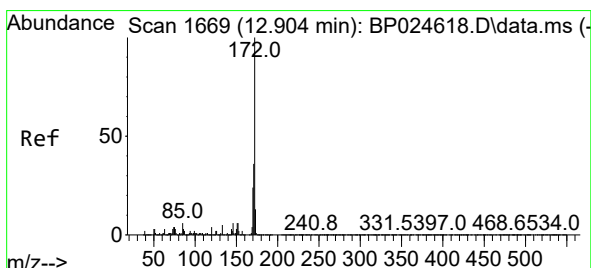
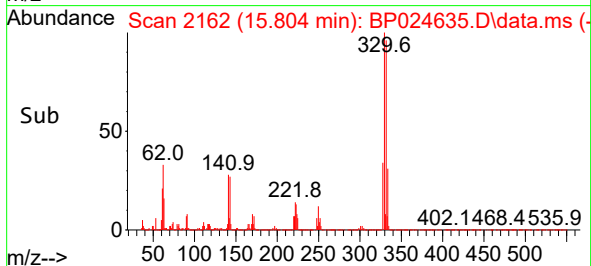
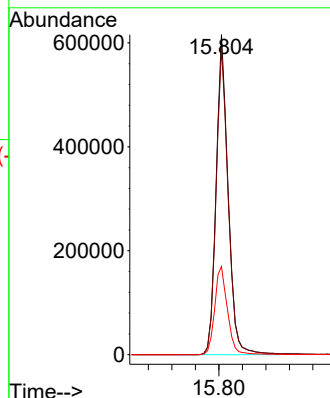
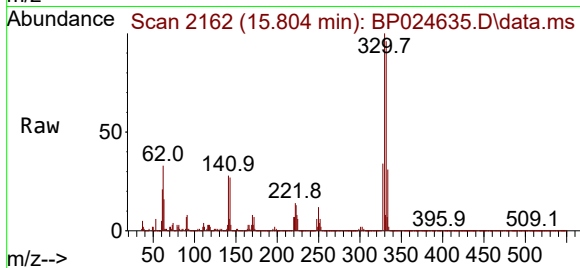
Tgt Ion:330 Resp: 871050

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

141 29.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 78.715 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

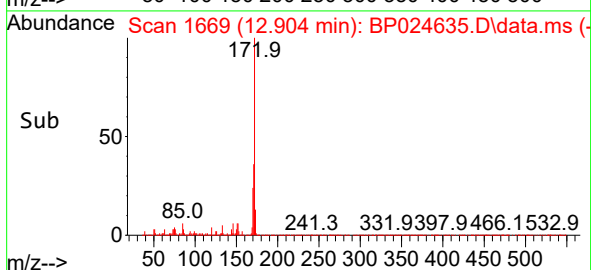
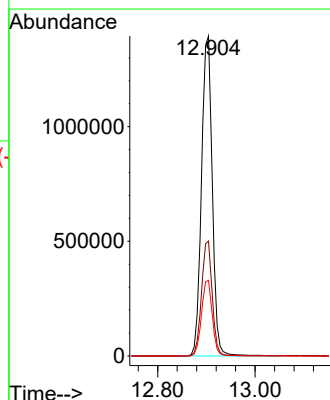
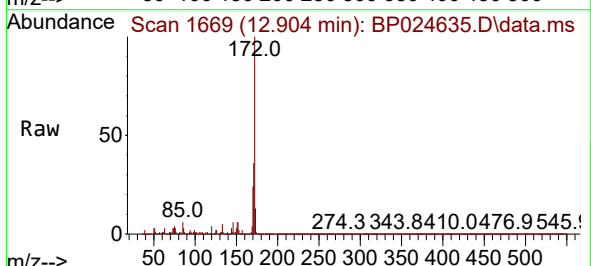
Tgt Ion:172 Resp: 2149900

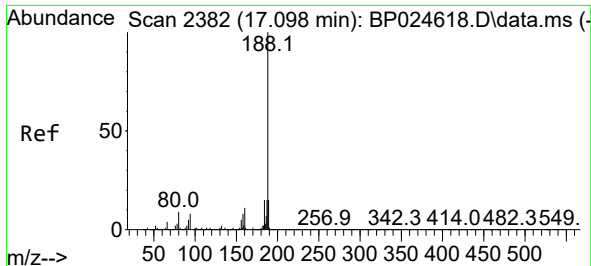
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 18.8 28.2

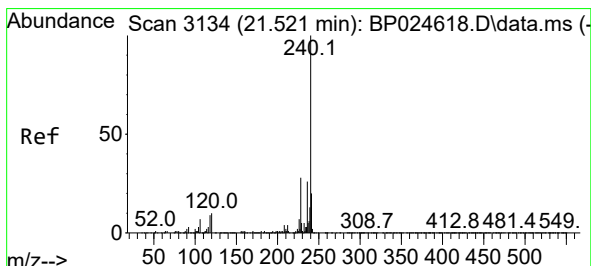
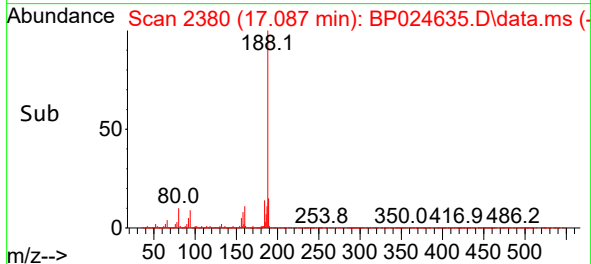
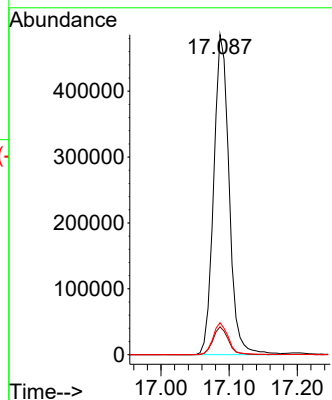
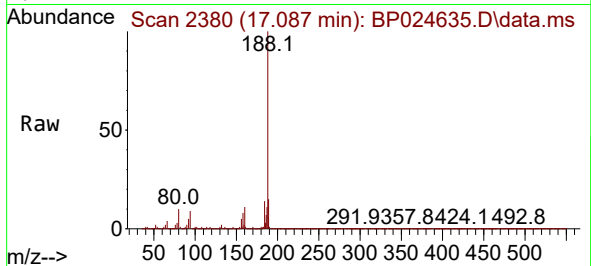




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

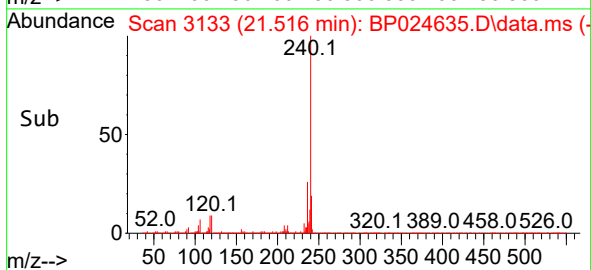
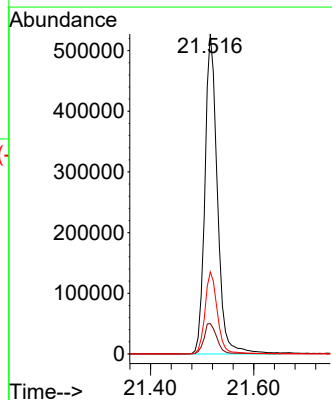
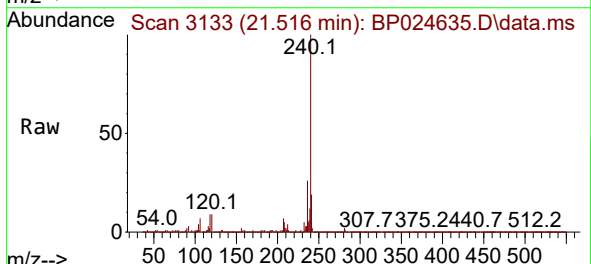
Instrument :
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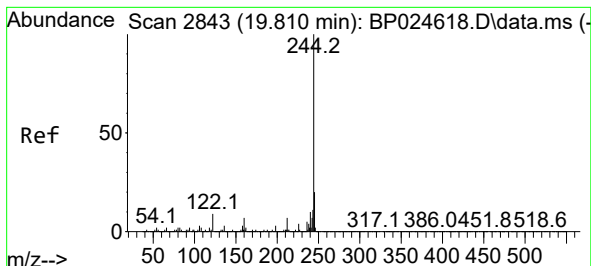
Tgt Ion:188 Resp: 764705
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:240 Resp: 884123
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 84.502 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

Instrument :

BNA_P

ClientSampleId :

PB167973BL

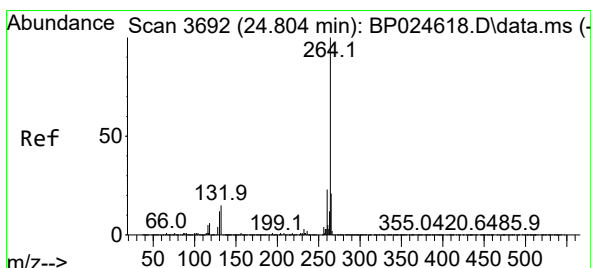
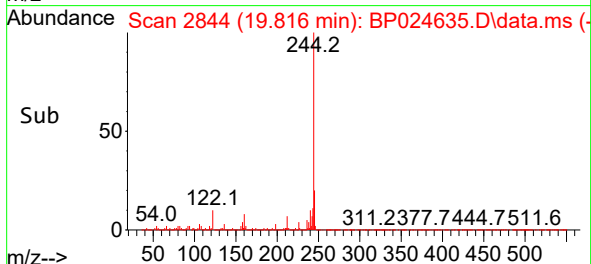
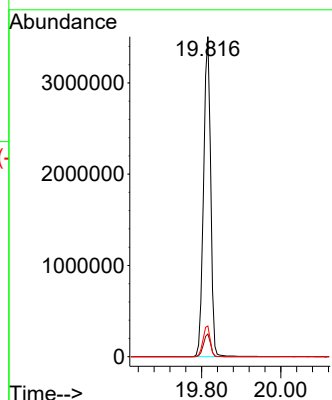
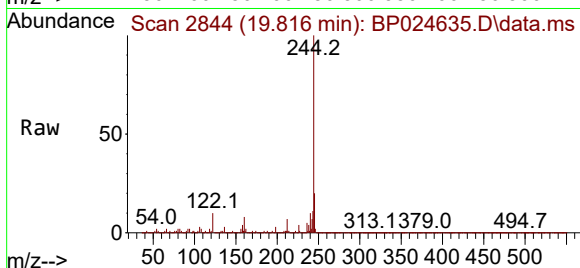
Tgt Ion:244 Resp: 4357069

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.6 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

Tgt Ion:264 Resp: 966019

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.2 17.0 25.6

