

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024693.D
 Acq On : 19 May 2025 17:38
 Operator : RC/JU
 Sample : Q2032-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-05132025

Quant Time: May 19 18:23:56 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	31145	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	128086	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	83577	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	185185	20.000	ng	0.00
76) Chrysene-d12	21.522	240	297520	20.000	ng	0.00
86) Perylene-d12	24.815	264	498129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	120234	66.028	ng	0.01
7) Phenol-d6	6.875	99	88730	38.179	ng	0.02
23) Nitrobenzene-d5	8.805	82	198647	78.361	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	202539	142.948	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	482793	75.681	ng	-0.01
79) Terphenyl-d14	19.810	244	1141889	65.810	ng	0.00

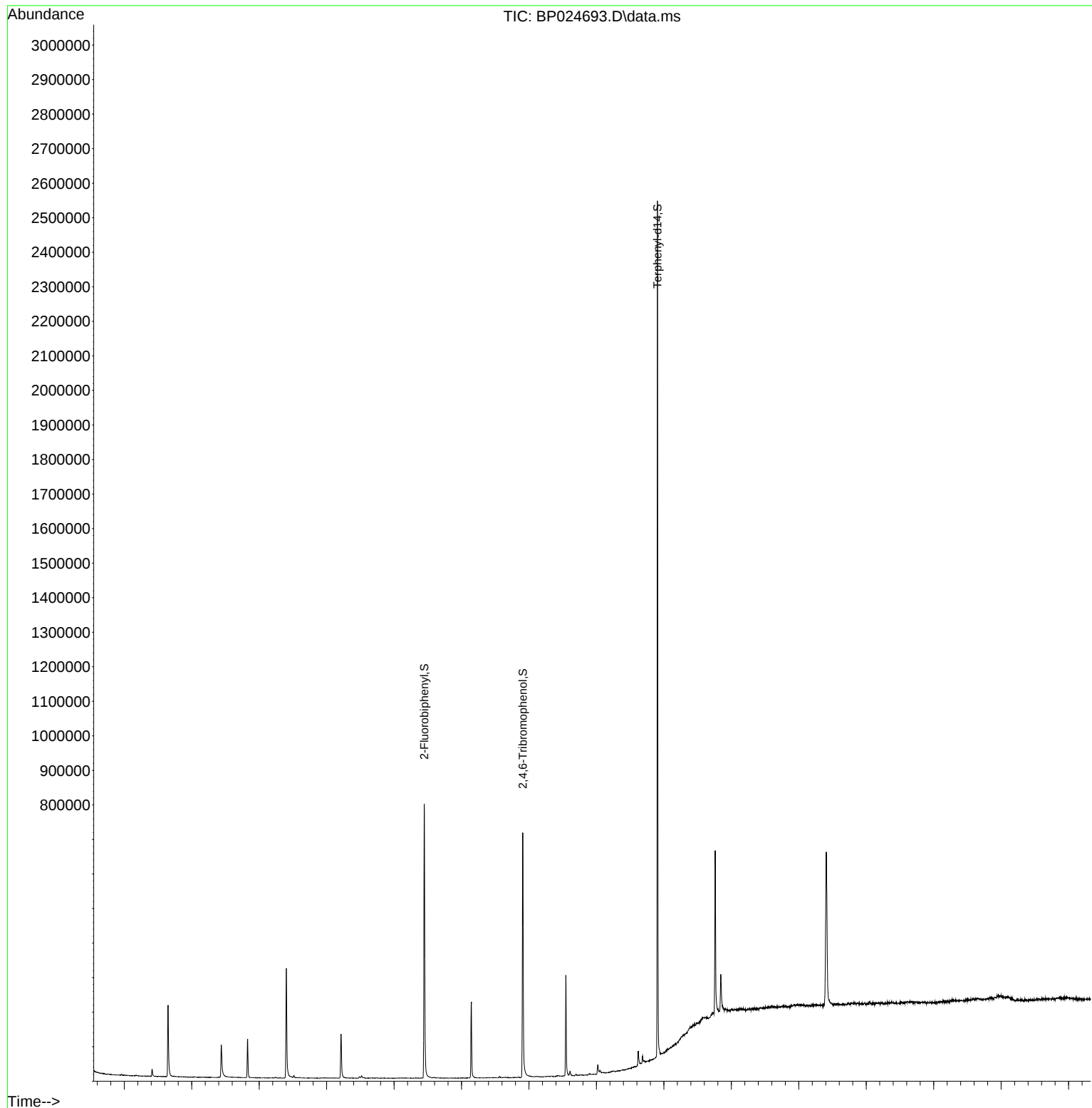
Target Compounds Qvalue

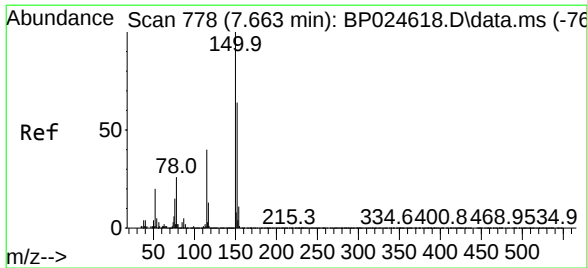
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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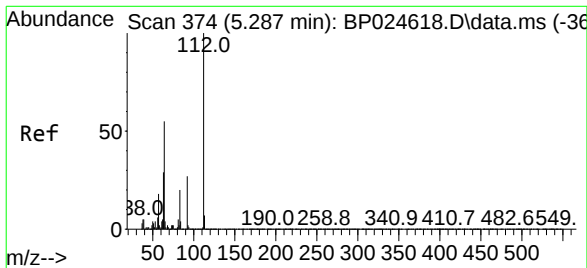
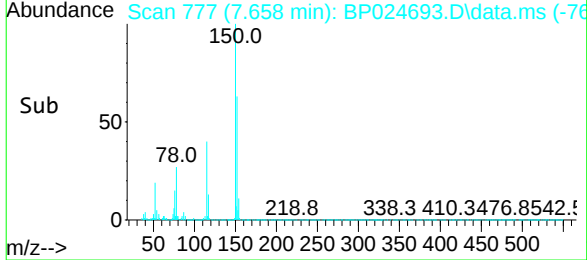
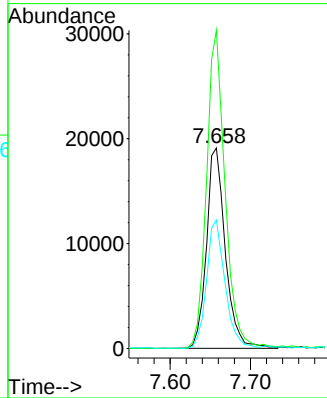
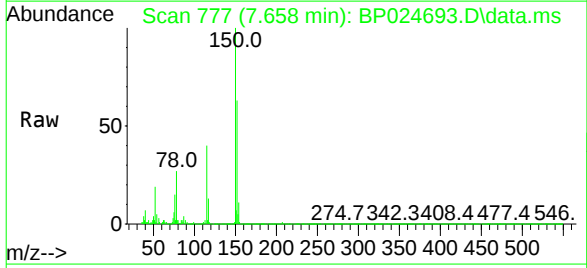




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

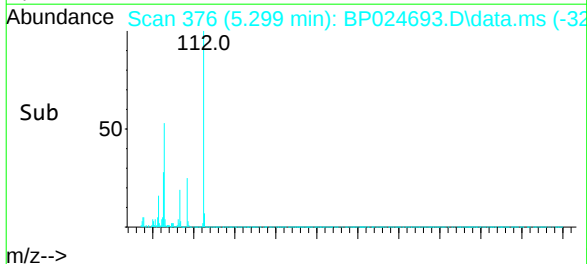
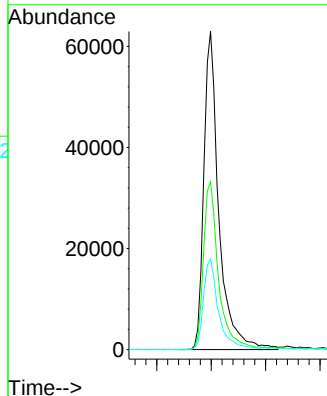
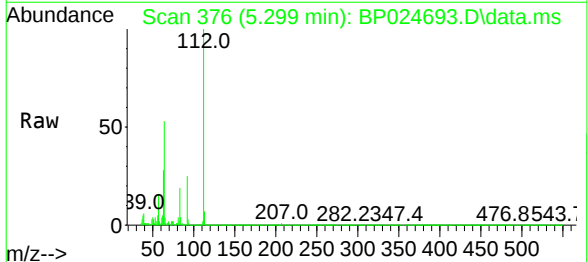
Instrument :
BNA_P
ClientSampleId :
FB-05132025

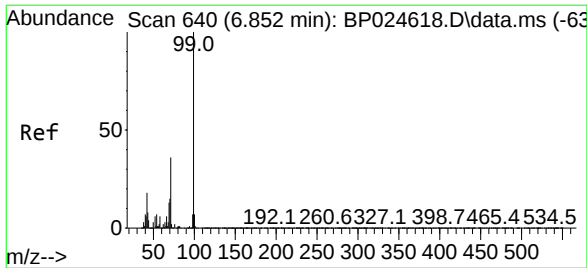
Tgt Ion:152 Resp: 31145
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 64.1 50.1 75.1



#5
2-Fluorophenol
Concen: 66.028 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion:112 Resp: 120234
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.4 23.5 35.3

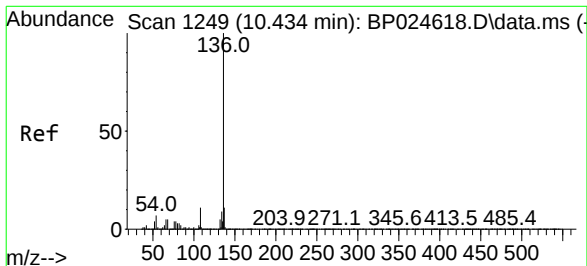
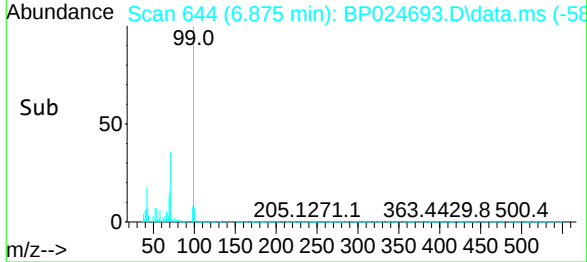
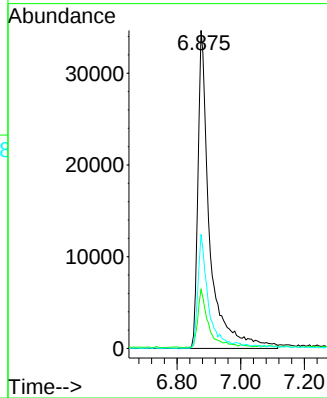
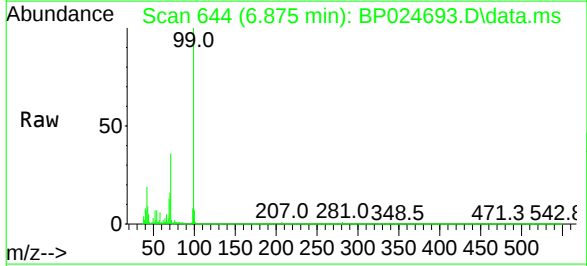




#7
Phenol-d6
Concen: 38.179 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

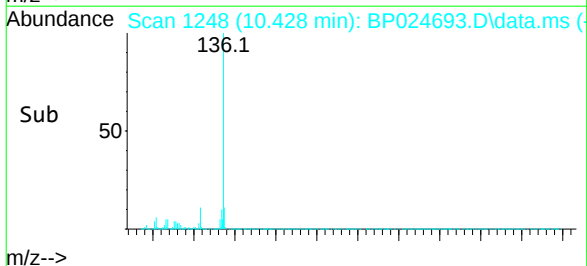
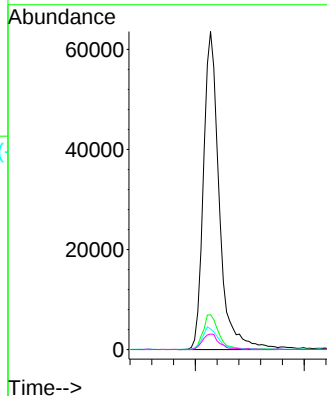
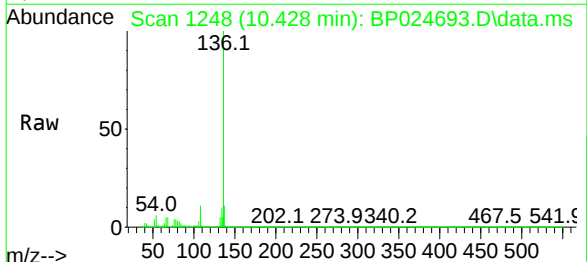
Instrument :
BNA_P
ClientSampleId :
FB-05132025

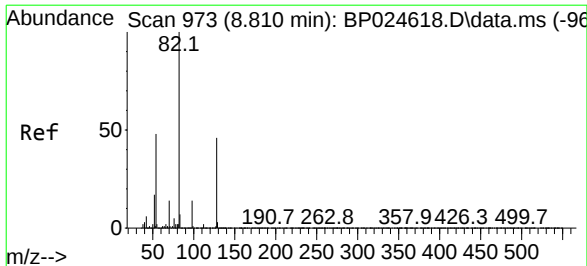
Tgt Ion: 99 Resp: 88730
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion: 136 Resp: 128086
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.5 8.3
68 4.9 4.2 6.2

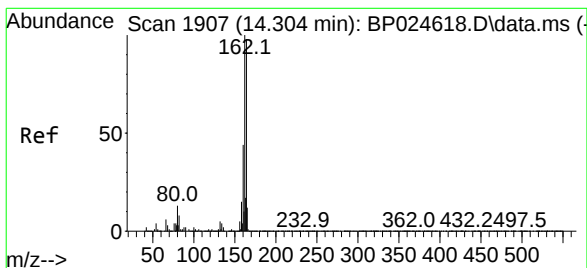
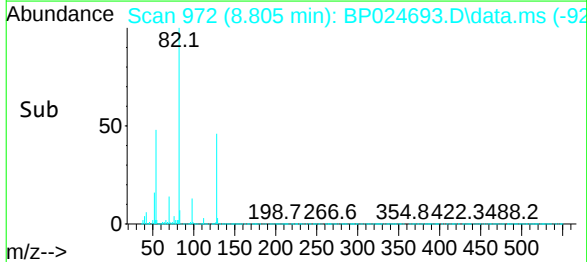
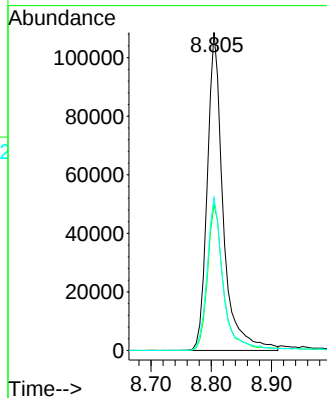
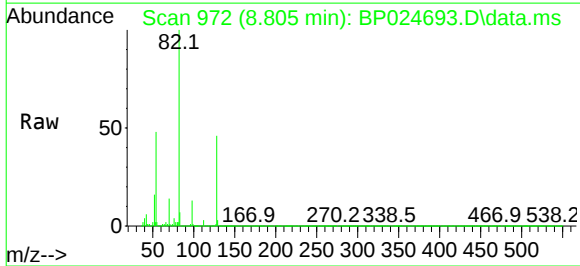




#23
Nitrobenzene-d5
Concen: 78.361 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

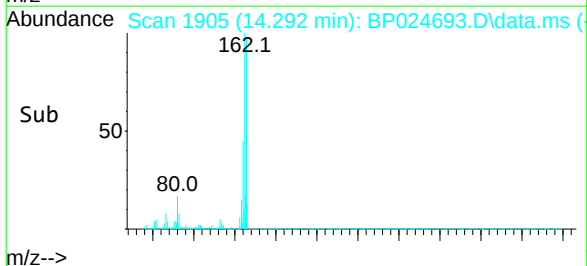
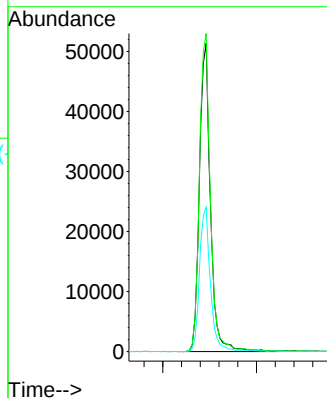
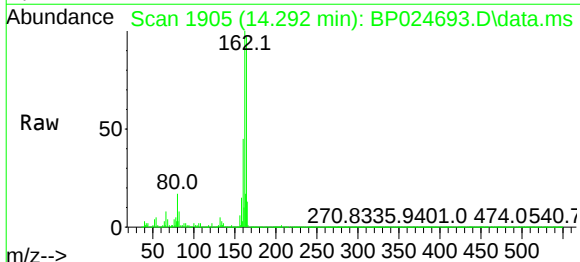
Instrument :
BNA_P
ClientSampleId :
FB-05132025

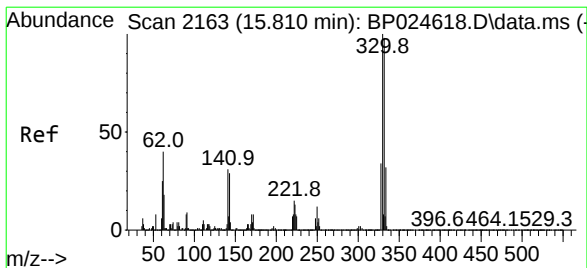
Tgt Ion: 82 Resp: 198647
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 48.0 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion: 164 Resp: 83577
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 142.948 ng

RT: 15.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

Instrument :

BNA_P

ClientSampleId :

FB-05132025

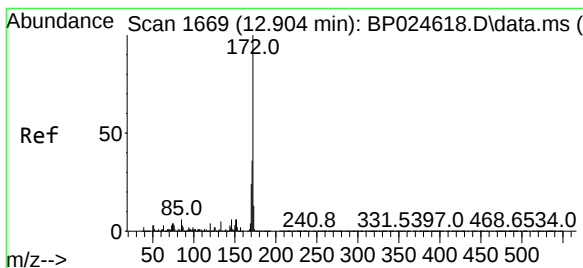
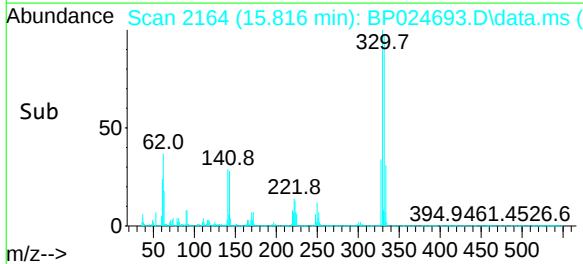
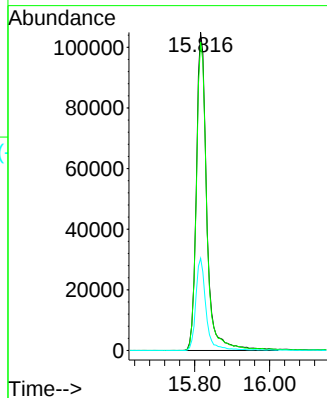
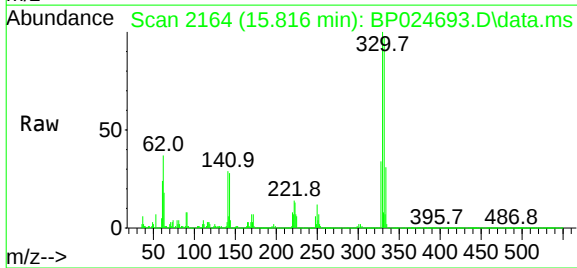
Tgt Ion:330 Resp: 202539

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 28.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.681 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

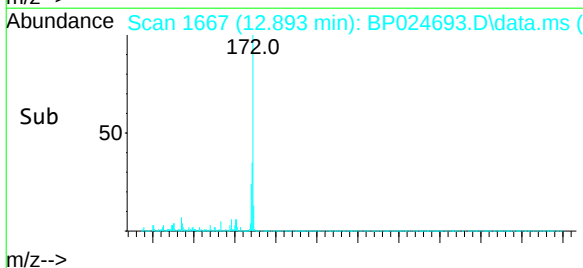
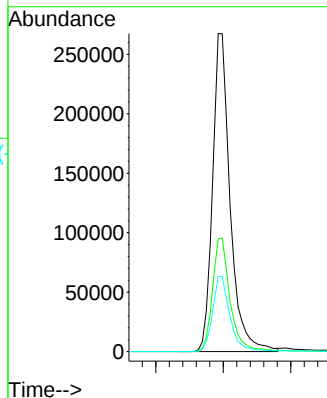
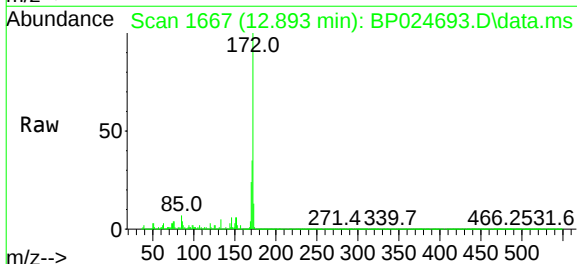
Tgt Ion:172 Resp: 482793

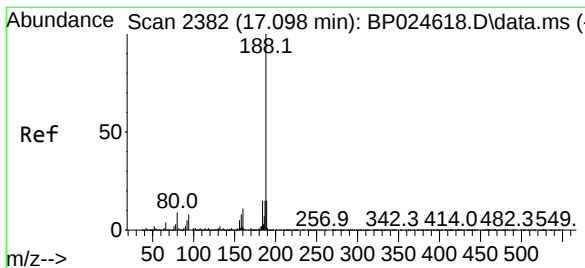
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 2382

Delta R.T. -0.006 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

Instrument :

BNA_P

ClientSampleId :

FB-05132025

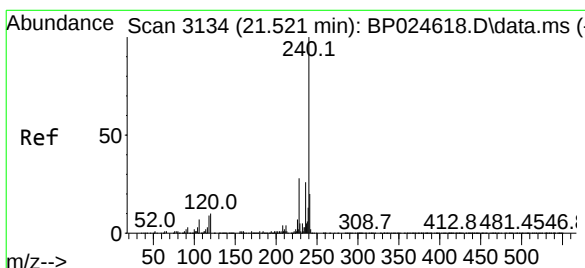
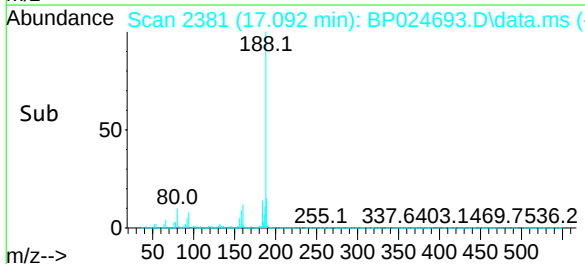
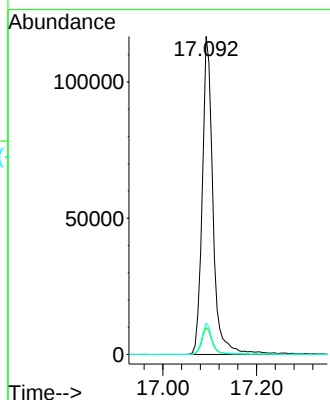
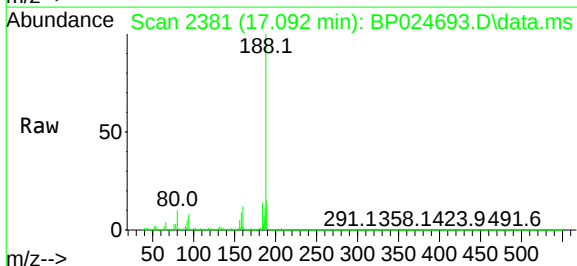
Tgt Ion:188 Resp: 185185

Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

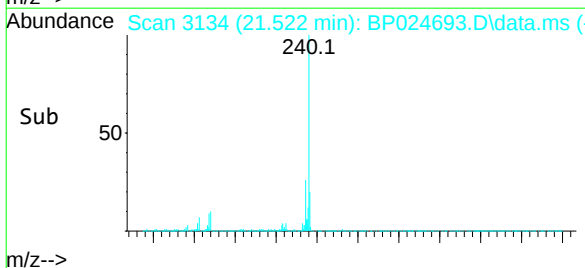
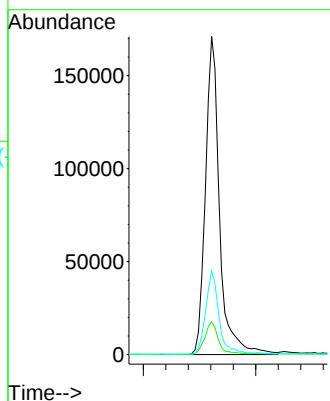
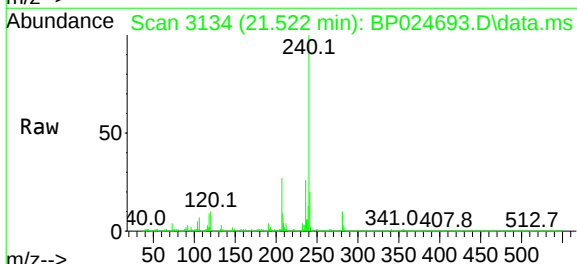
Tgt Ion:240 Resp: 297520

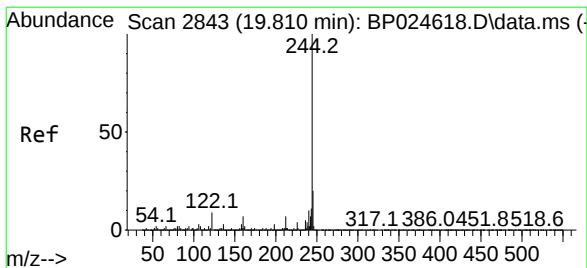
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 65.810 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

Instrument :

BNA_P

ClientSampleId :

FB-05132025

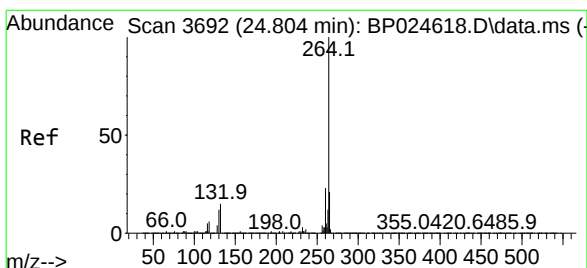
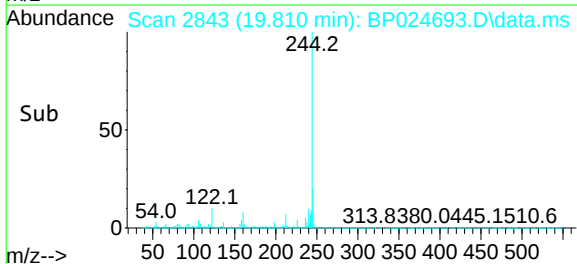
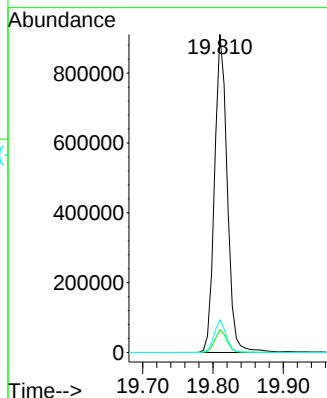
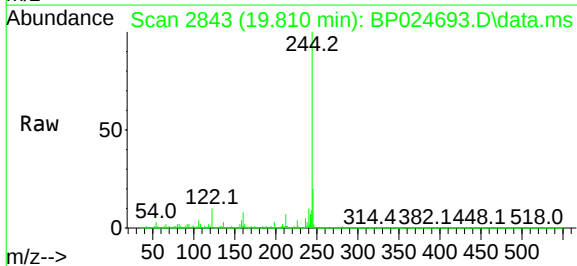
Tgt Ion:244 Resp: 1141889

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.2 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

Tgt Ion:264 Resp: 498129

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.5 17.0 25.6

