

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024698.D
 Acq On : 19 May 2025 21:02
 Operator : RC/JU
 Sample : Q2071-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-9

Quant Time: May 20 03:47:35 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	7.657	152	175124	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	689419	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	455113	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	949424	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	1113567	20.000	ng	0.00
86) Perylene-d12	24.810	264	1193773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	769444	75.149	ng	0.00
7) Phenol-d6	6.863	99	1016740	77.806	ng	0.01
23) Nitrobenzene-d5	8.804	82	581994	42.653	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	684025	88.656	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1543352	44.428	ng	0.00
79) Terphenyl-d14	19.810	244	3296580	50.761	ng	0.00

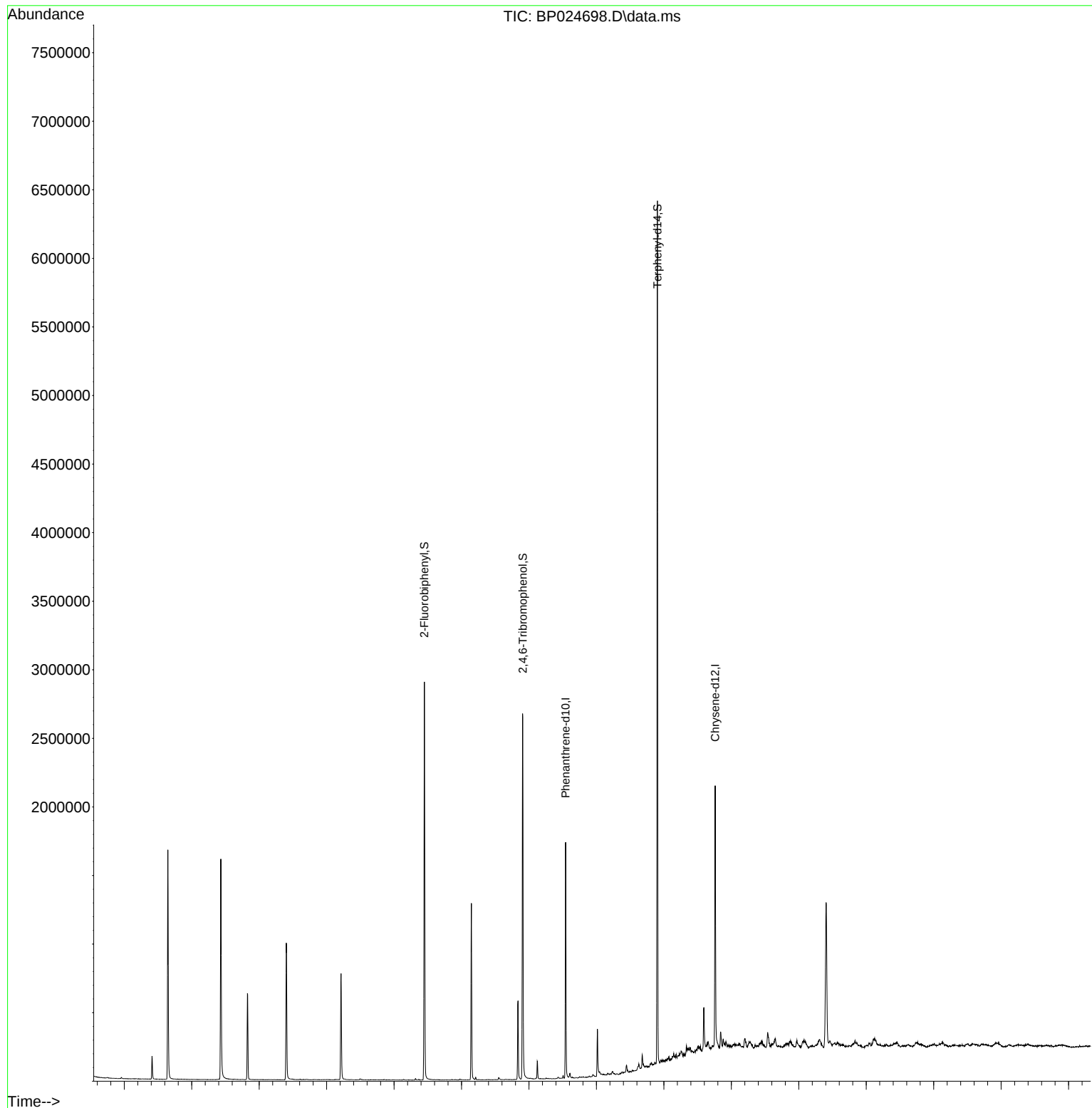
Target Compounds Qvalue

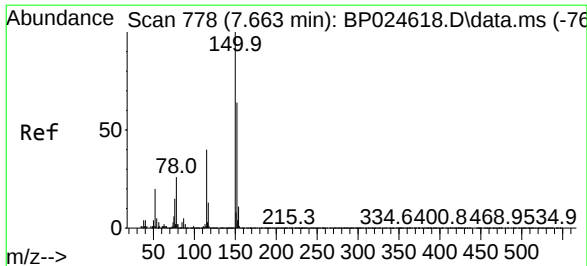
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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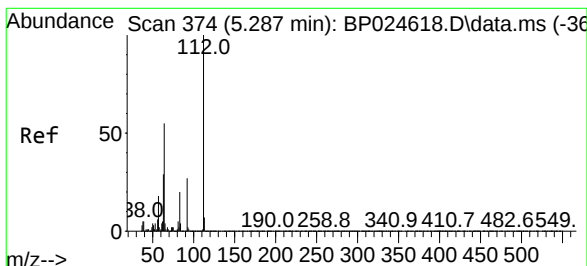
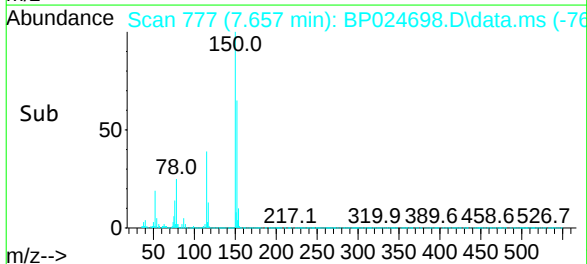
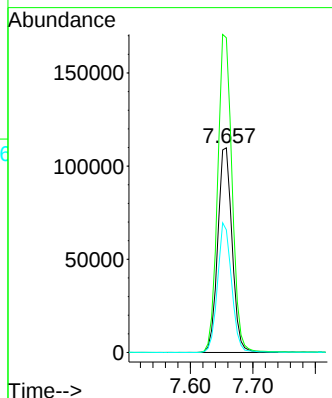
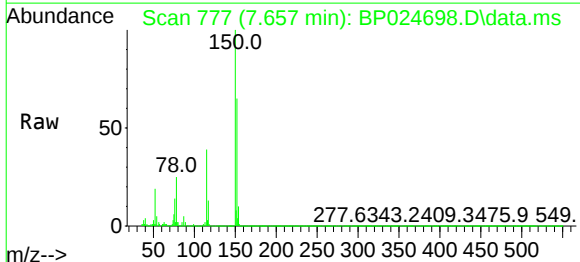




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 77
Delta R.T. -0.006 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

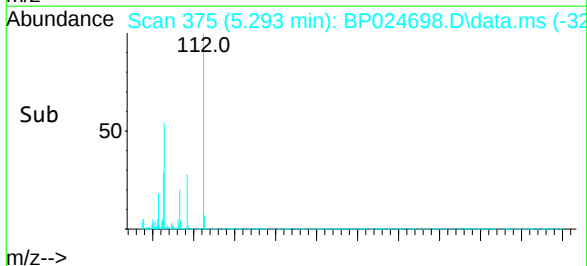
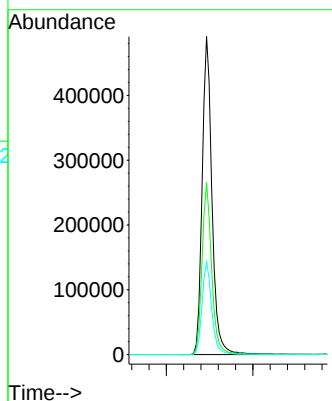
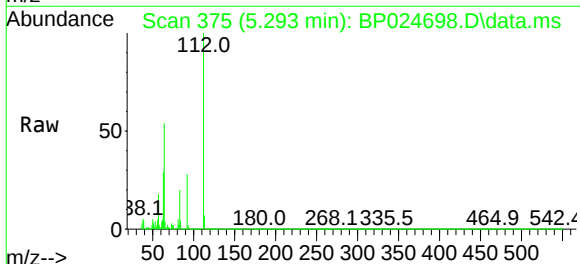
Instrument :
BNA_P
ClientSampleId :
L1-WC-9

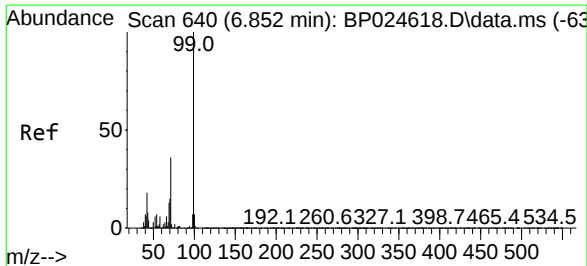
Tgt Ion:152 Resp: 175124
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 59.9 50.1 75.1



#5
2-Fluorophenol
Concen: 75.149 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

Tgt Ion:112 Resp: 769444
Ion Ratio Lower Upper
112 100
64 54.1 44.1 66.1
63 29.2 23.5 35.3

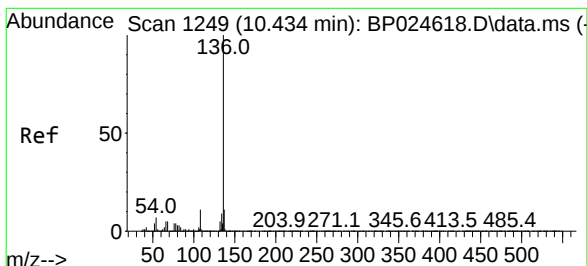
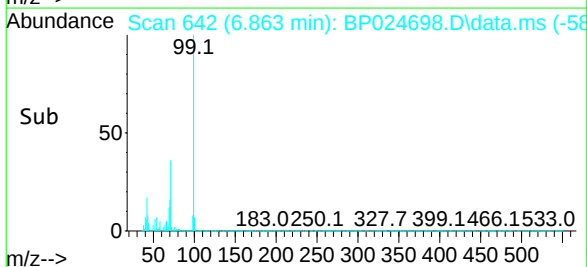
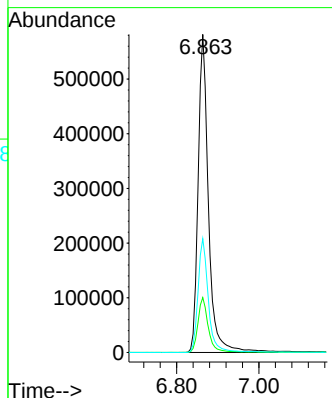
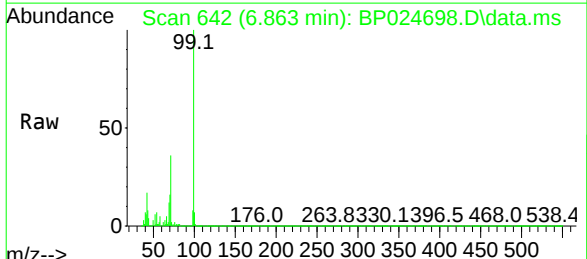




#7
Phenol-d6
Concen: 77.806 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

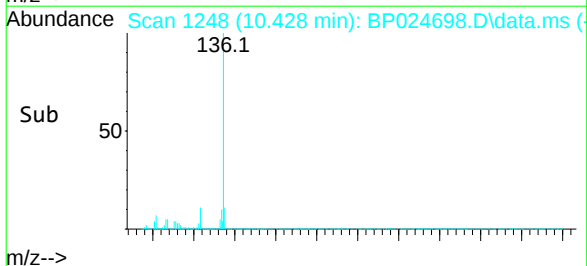
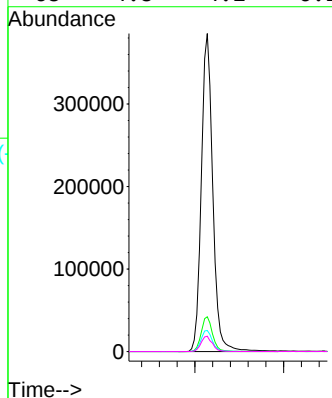
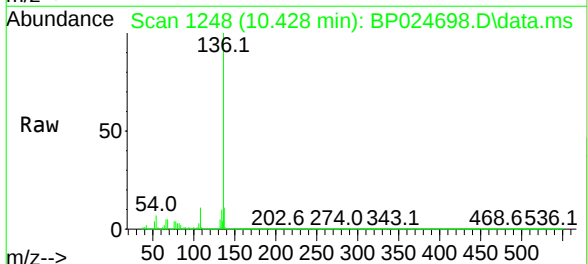
Instrument :
BNA_P
ClientSampleId :
L1-WC-9

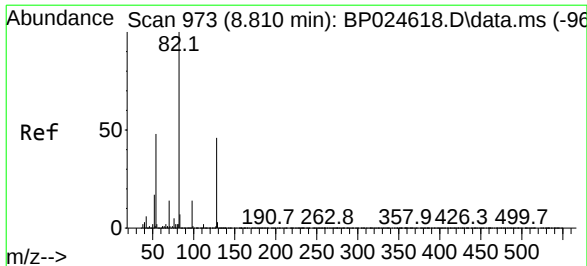
Tgt Ion: 99 Resp: 1016740
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 35.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

Tgt Ion: 136 Resp: 689419
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.5 8.3
68 4.8 4.2 6.2

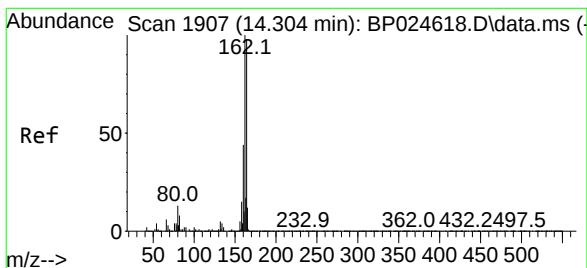
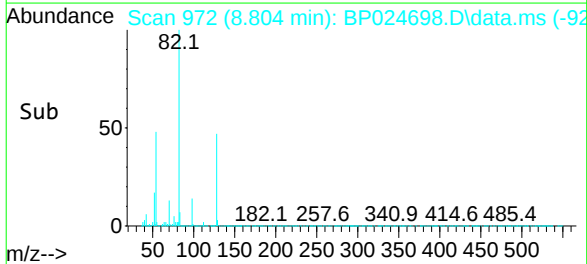
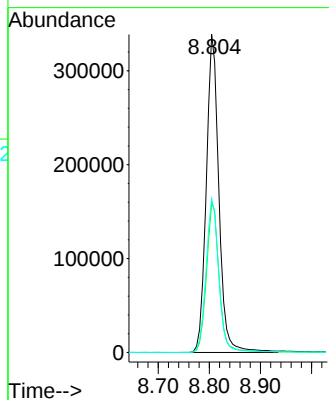
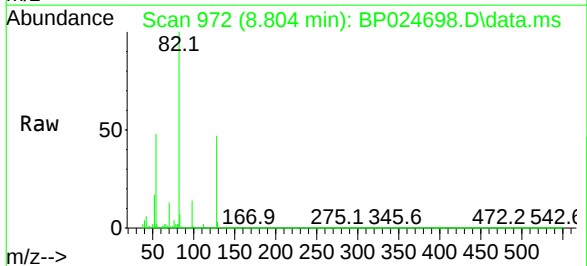




#23
Nitrobenzene-d5
Concen: 42.653 ng
RT: 8.804 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

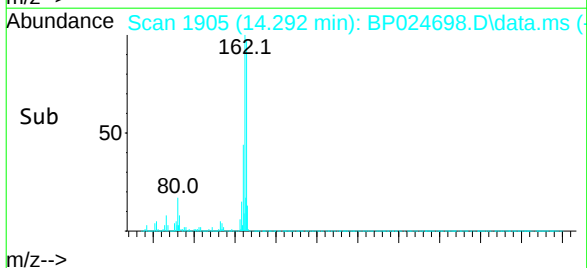
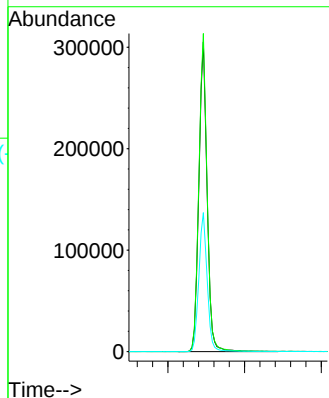
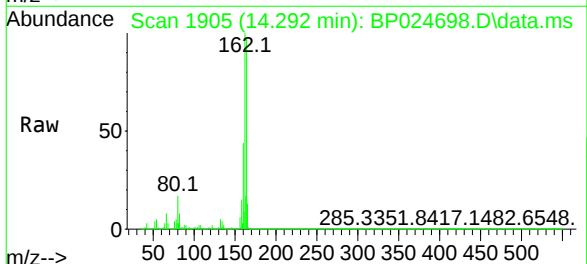
Instrument :
BNA_P
ClientSampleId :
L1-WC-9

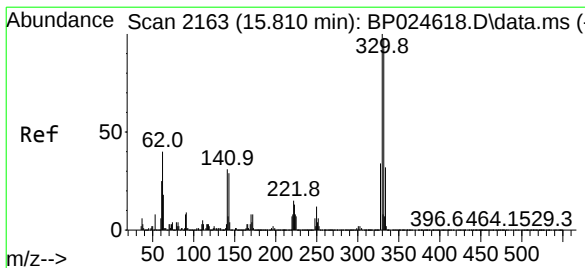
Tgt Ion: 82 Resp: 581994
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 48.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024698.D
Acq: 19 May 2025 21:02

Tgt Ion: 164 Resp: 455113
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 88.656 ng

RT: 15.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

Instrument :

BNA_P

ClientSampleId :

L1-WC-9

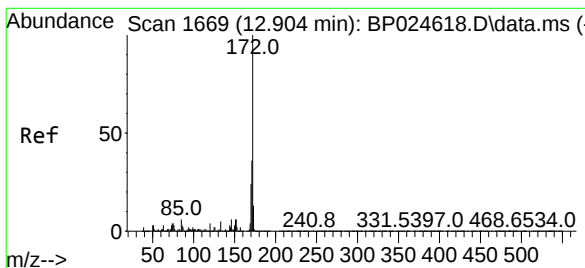
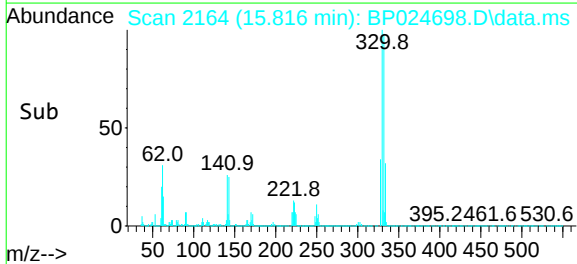
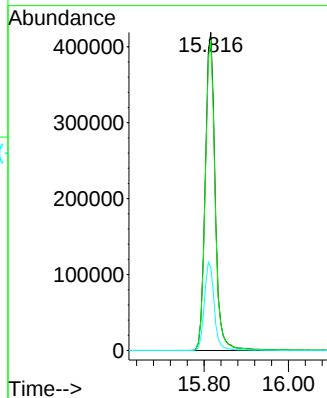
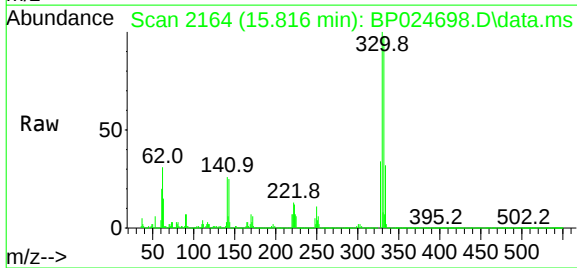
Tgt Ion:330 Resp: 684025

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 27.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 44.428 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

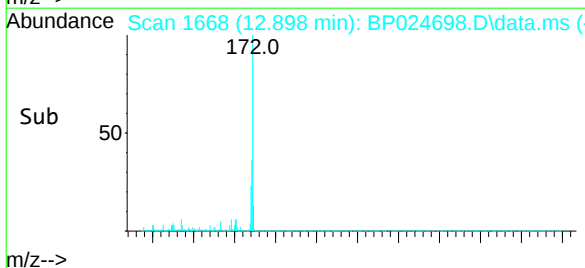
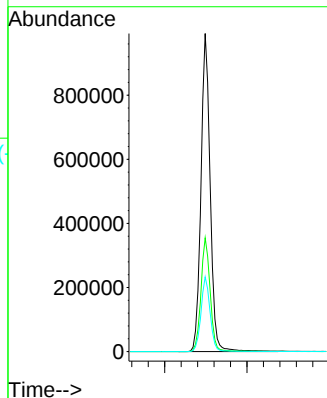
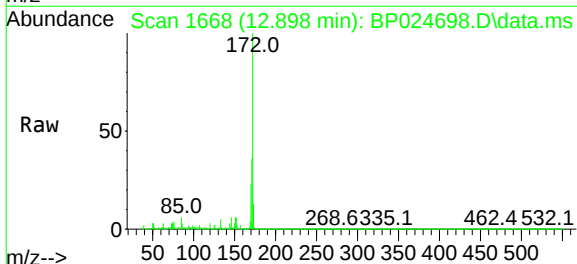
Tgt Ion:172 Resp: 1543352

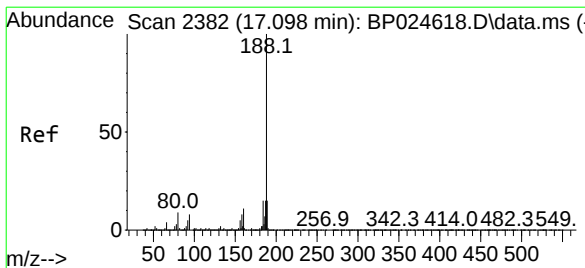
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 2382

Delta R.T. -0.012 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

Instrument :

BNA_P

ClientSampleId :

L1-WC-9

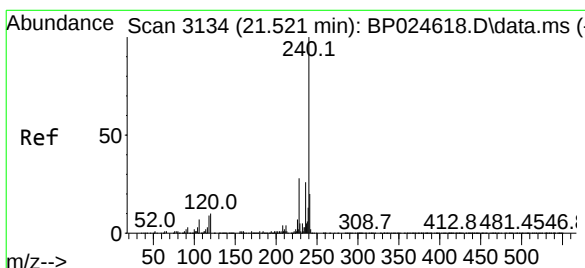
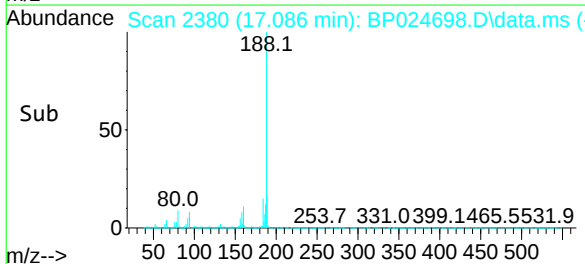
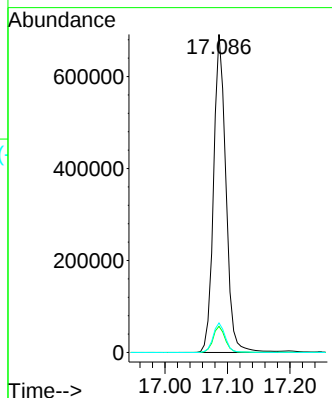
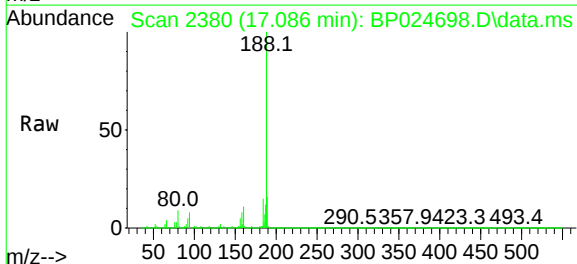
Tgt Ion:188 Resp: 949424

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

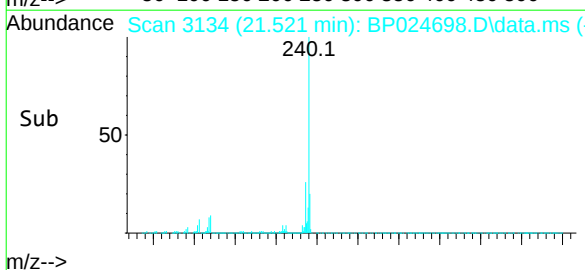
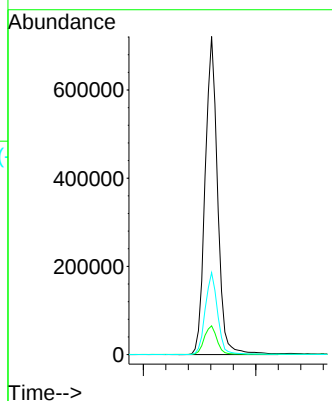
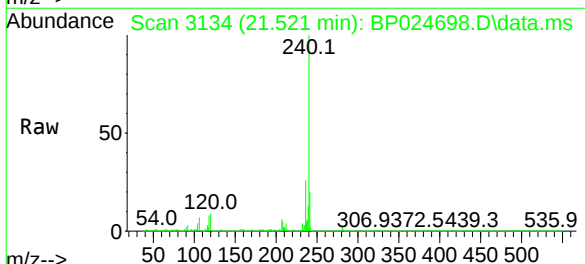
Tgt Ion:240 Resp: 1113567

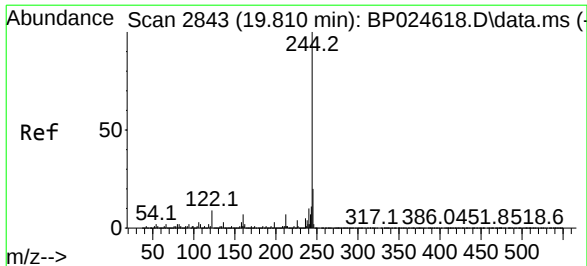
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 50.761 ng

RT: 19.810 min Scan# 28

Delta R.T. -0.000 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

Instrument :

BNA_P

ClientSampleId :

L1-WC-9

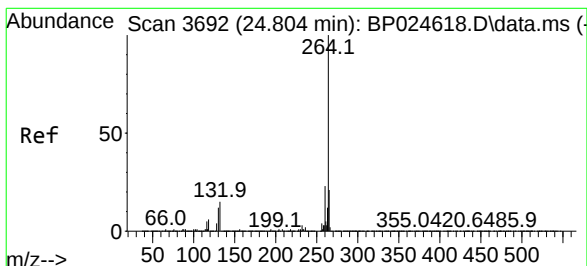
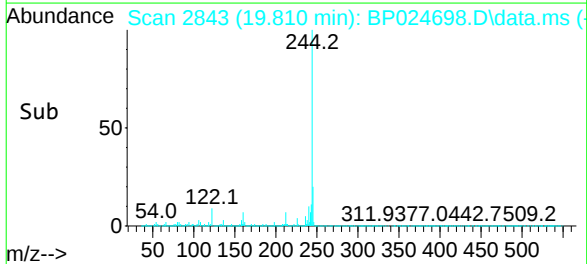
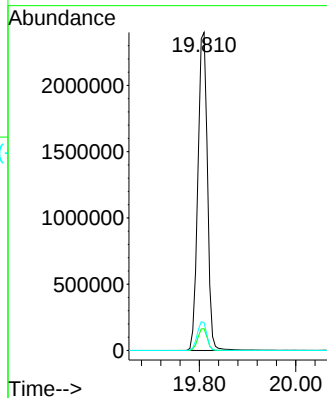
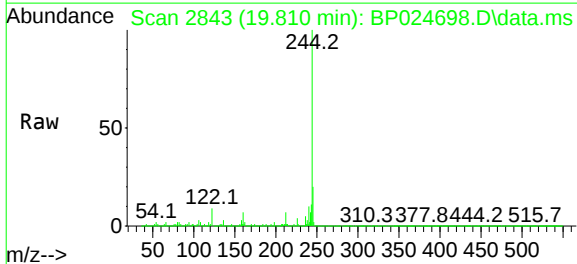
Tgt Ion:244 Resp: 3296580

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024698.D

Acq: 19 May 2025 21:02

Tgt Ion:264 Resp: 1193773

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 17.0 25.6

