

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024699.D
 Acq On : 19 May 2025 21:43
 Operator : RC/JU
 Sample : Q2071-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-7

Quant Time: May 20 03:47:56 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	91446	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	365968	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	236795	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	501595	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	667585	20.000	ng	0.00
86) Perylene-d12	24.798	264	916691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	387619	72.499	ng	0.00
7) Phenol-d6	6.864	99	547558	80.244	ng	0.01
23) Nitrobenzene-d5	8.805	82	270690	37.372	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	369047	91.932	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	758326	41.956	ng	0.00
79) Terphenyl-d14	19.804	244	1791468	46.014	ng	0.00

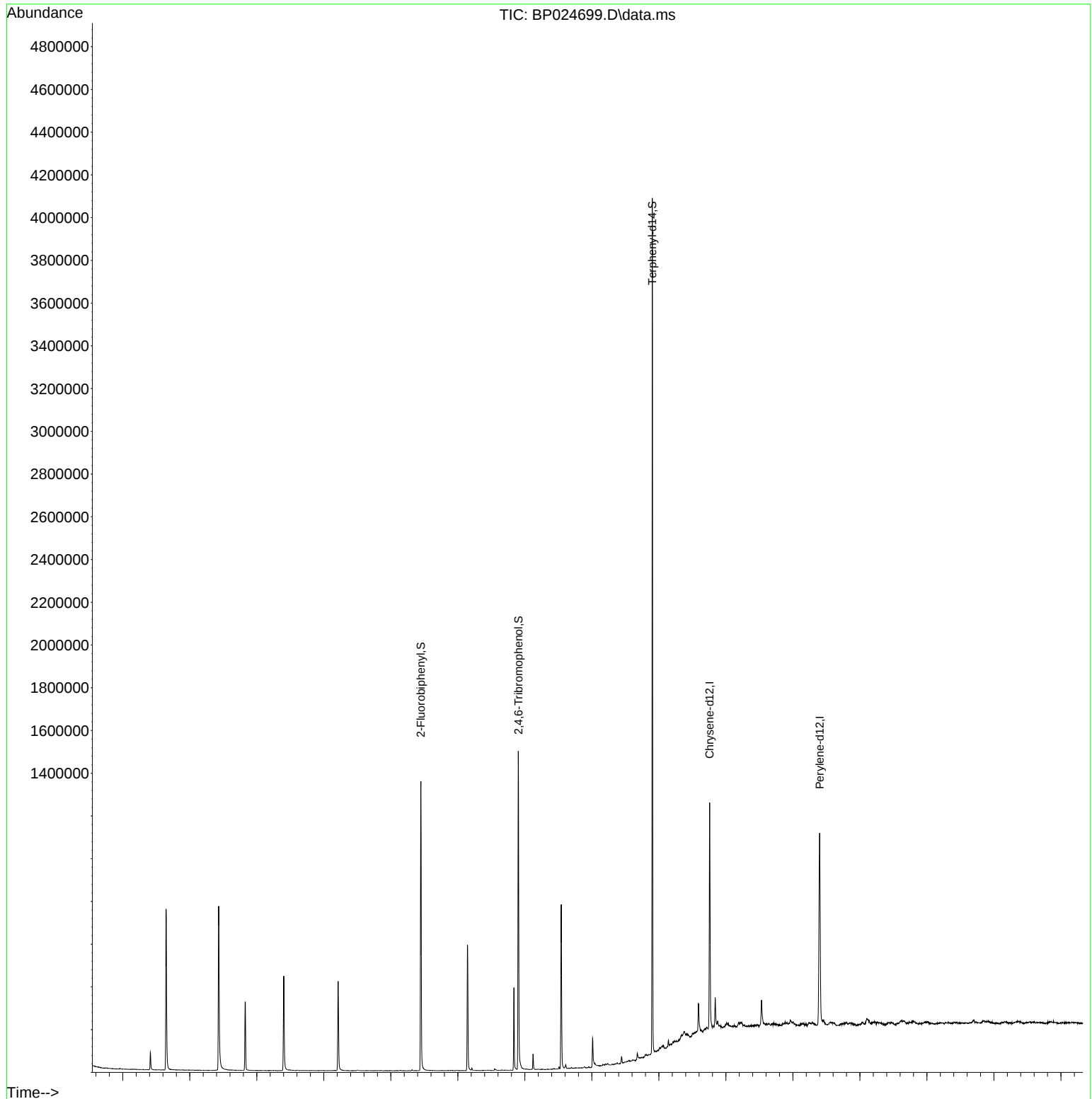
Target Compounds Qvalue

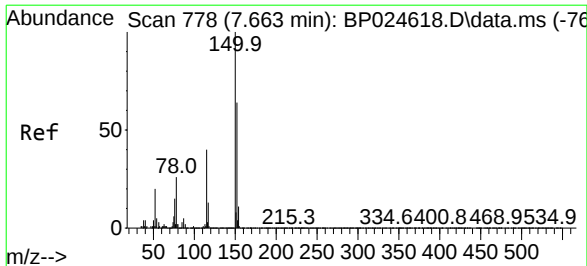
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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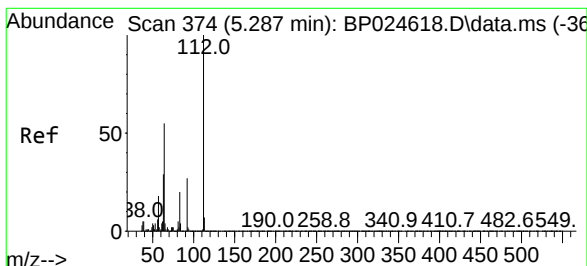
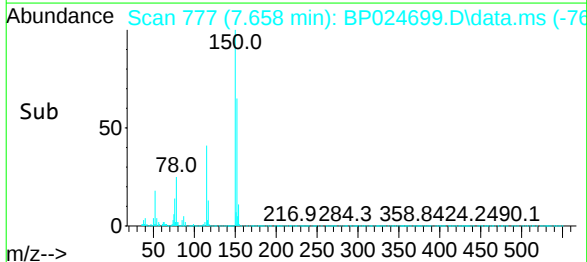
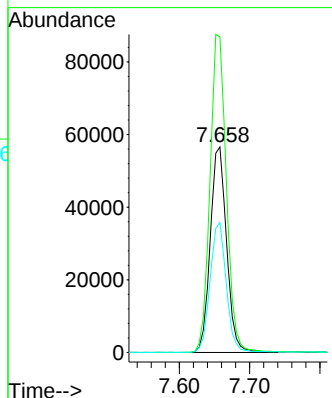
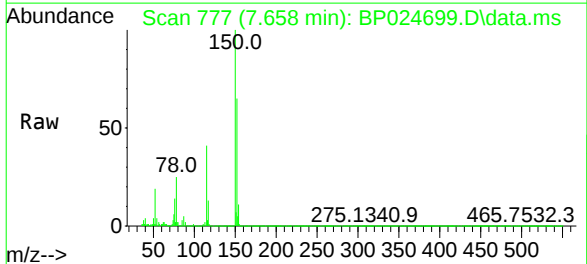




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024699.D
Acq: 19 May 2025 21:43

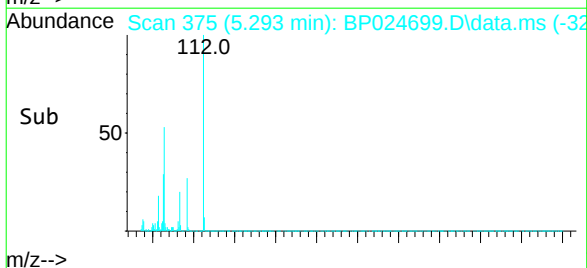
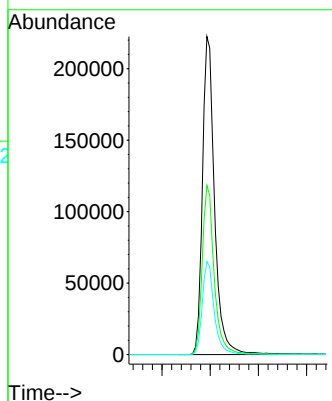
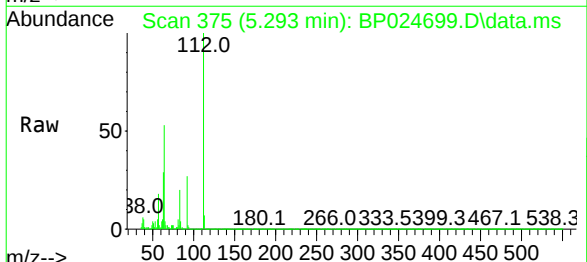
Instrument :
BNA_P
ClientSampleId :
L1-WC-7

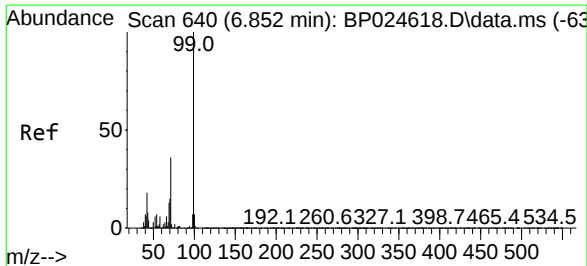
Tgt Ion:152 Resp: 91446
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 63.2 50.1 75.1



#5
2-Fluorophenol
Concen: 72.499 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024699.D
Acq: 19 May 2025 21:43

Tgt Ion:112 Resp: 387619
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 29.3 23.5 35.3

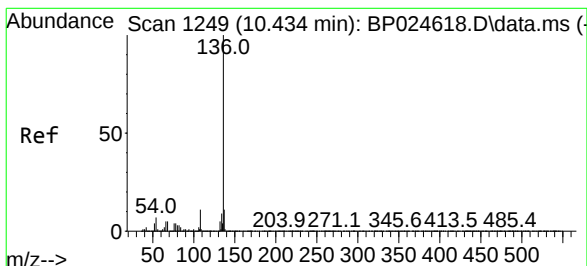
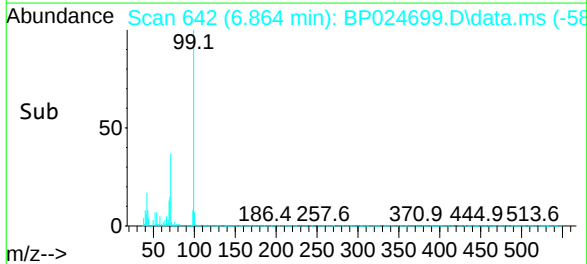
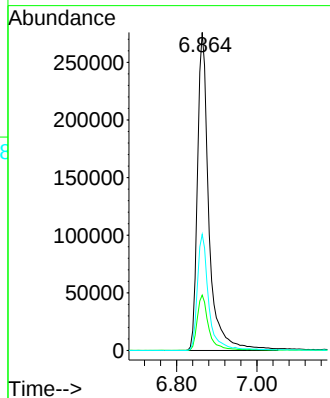
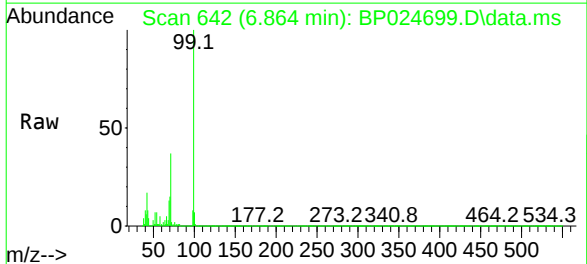




#7
Phenol-d6
Concen: 80.244 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024699.D
Acq: 19 May 2025 21:43

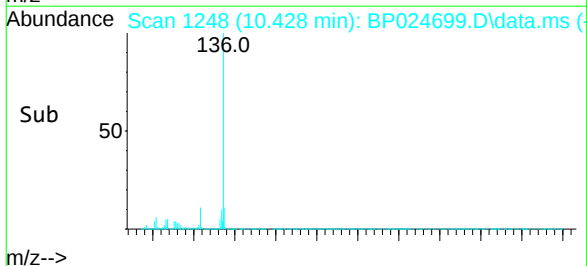
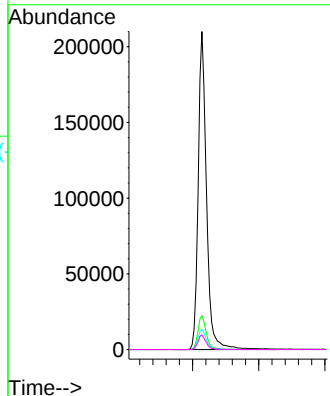
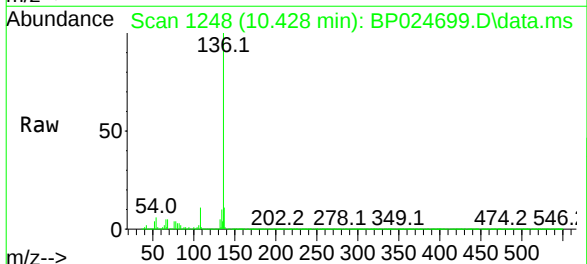
Instrument :
BNA_P
ClientSampleId :
L1-WC-7

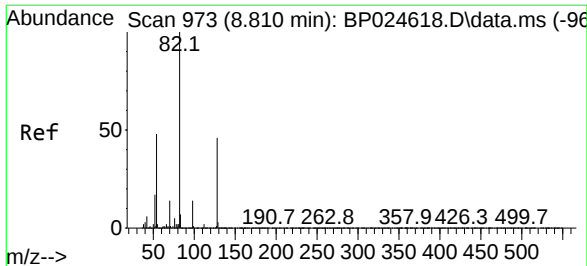
Tgt Ion: 99 Resp: 547558
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024699.D
Acq: 19 May 2025 21:43

Tgt Ion: 136 Resp: 365968
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.3 5.5 8.3
68 4.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 37.372 ng

RT: 8.805 min Scan# 97

Delta R.T. -0.006 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

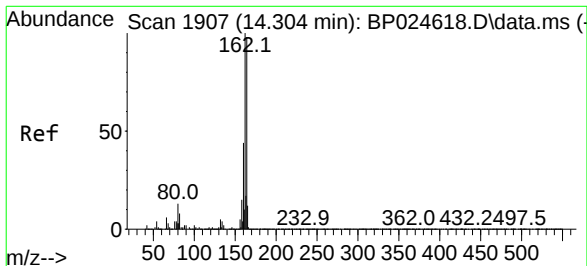
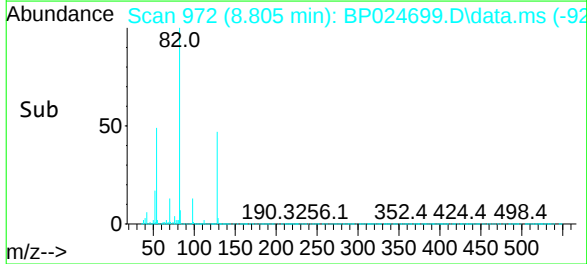
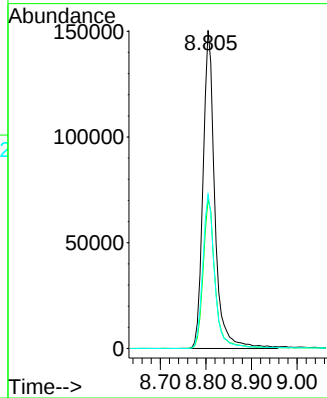
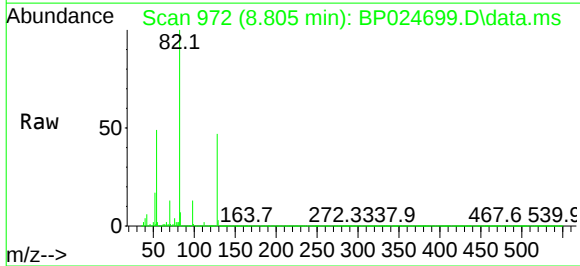
Tgt Ion: 82 Resp: 270690

Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.4

54 48.5 38.7 58.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.017 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

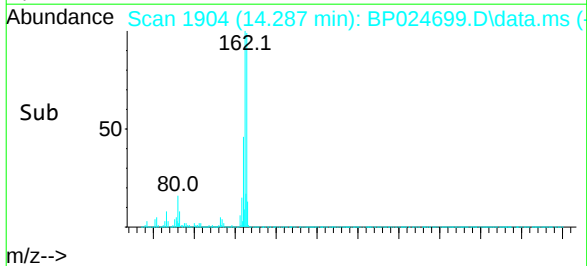
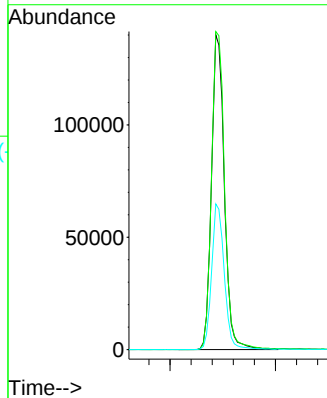
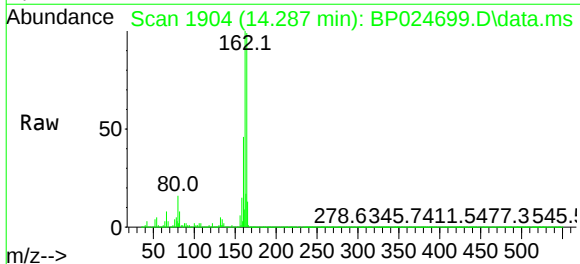
Tgt Ion: 164 Resp: 236795

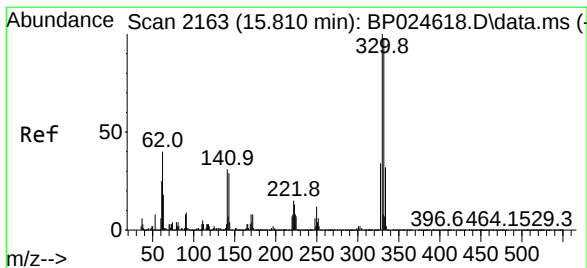
Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

160 46.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 91.932 ng

RT: 15.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

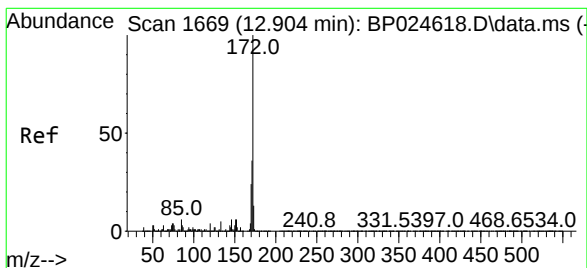
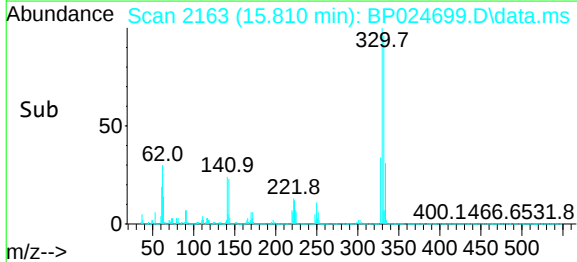
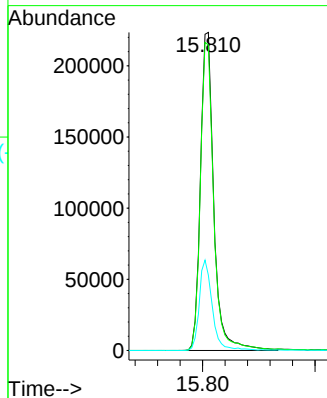
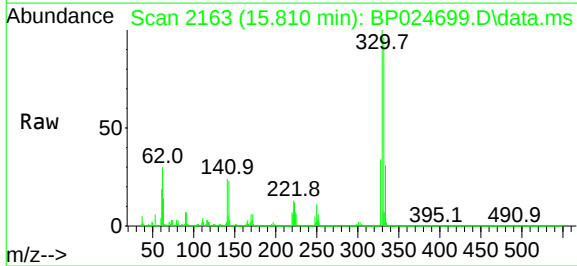
Tgt Ion:330 Resp: 369047

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

141 27.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 41.956 ng

RT: 12.899 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

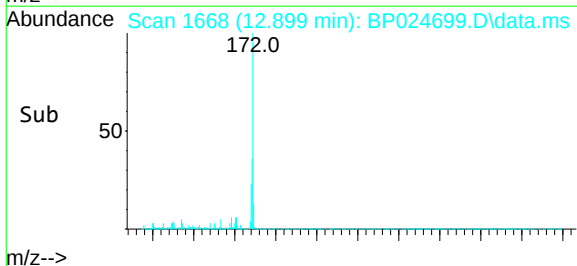
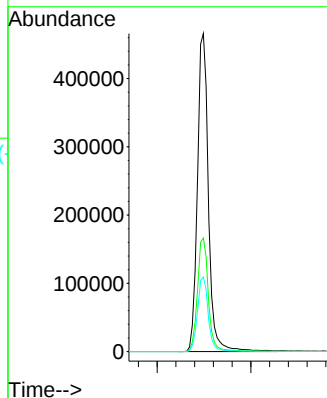
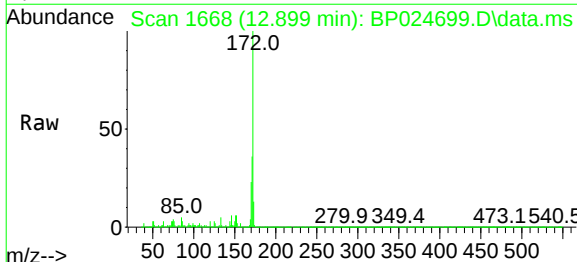
Tgt Ion:172 Resp: 758326

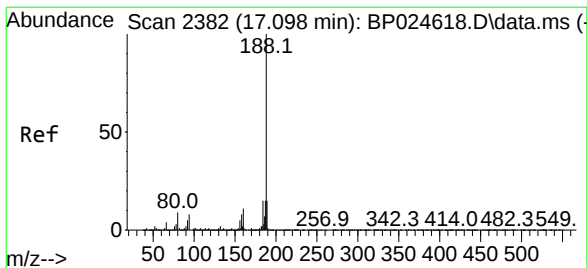
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 23

Delta R.T. -0.012 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

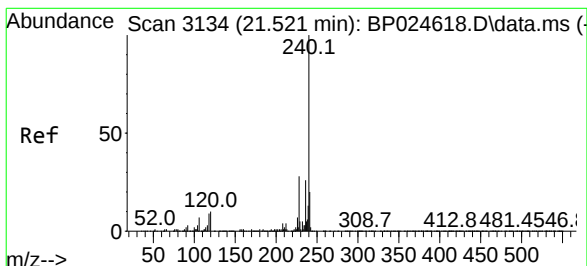
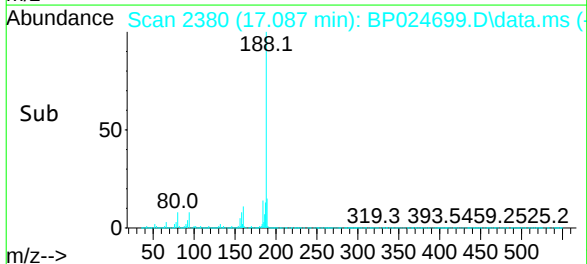
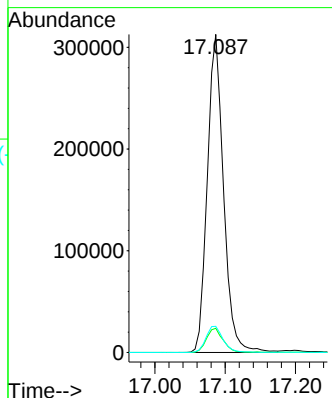
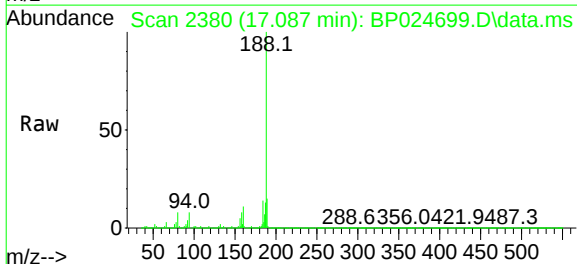
Instrument :

BNA_P

ClientSampleId :

L1-WC-7

Tgt Ion:	188	Resp:	501595
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.5	9.7
80	8.2	7.3	10.9



#76

Chrysene-d12

Concen: 20.000 ng

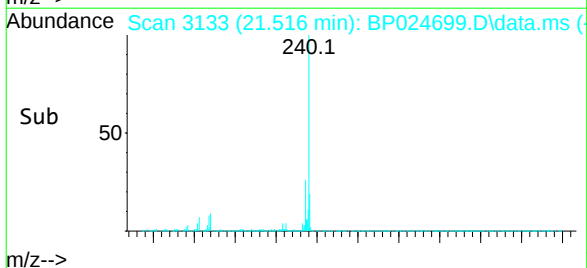
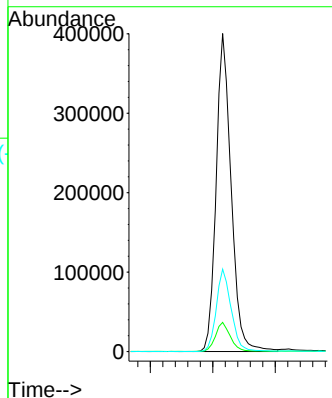
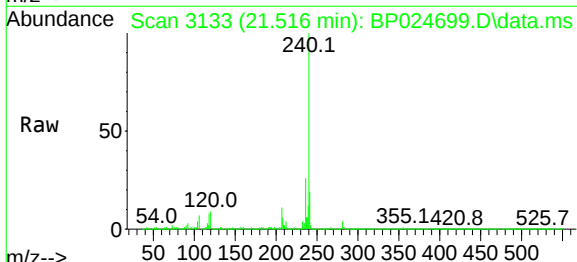
RT: 21.516 min Scan# 3133

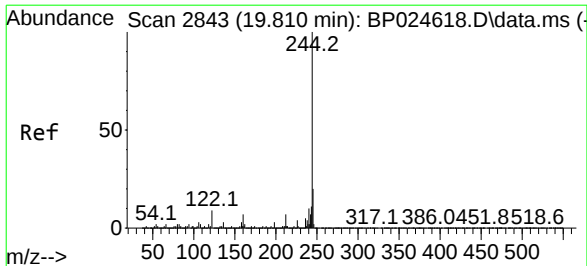
Delta R.T. -0.006 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

Tgt Ion:	240	Resp:	667585
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.8	11.6
236	25.9	20.6	31.0





#79

Terphenyl-d14

Concen: 46.014 ng

RT: 19.804 min Scan# 28

Delta R.T. -0.006 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

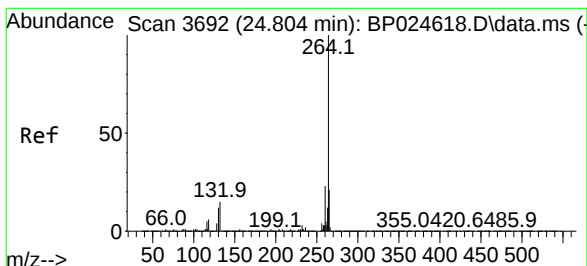
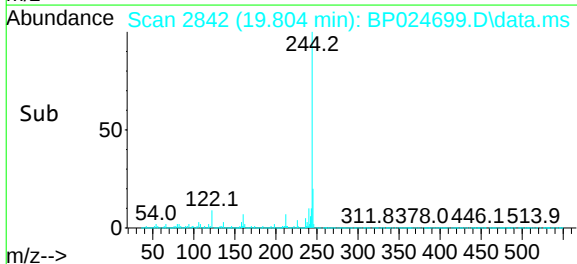
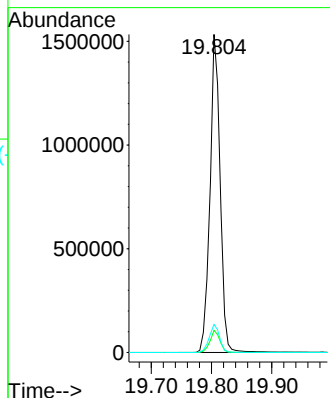
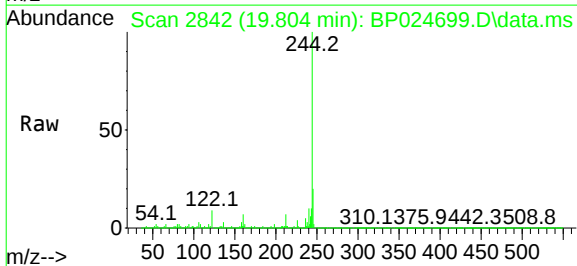
Tgt Ion:244 Resp: 1791468

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024699.D

Acq: 19 May 2025 21:43

Tgt Ion:264 Resp: 916691

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 17.0 25.6

