

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024673.D
 Acq On : 17 May 2025 02:33
 Operator : RC/JU
 Sample : Q2034-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-3

Quant Time: May 17 04:26:53 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	119830	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	450304	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	281176	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	565075	20.000	ng	0.00
76) Chrysene-d12	21.527	240	717791	20.000	ng	0.00
86) Perylene-d12	24.798	264	843396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	983324	140.353	ng	0.01
7) Phenol-d6	6.875	99	1144624	128.010	ng	0.02
23) Nitrobenzene-d5	8.810	82	777066	87.191	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	713337	149.649	ng	0.01
45) 2-Fluorobiphenyl	12.899	172	1853135	86.346	ng	0.00
79) Terphenyl-d14	19.822	244	3588147	85.715	ng	0.01

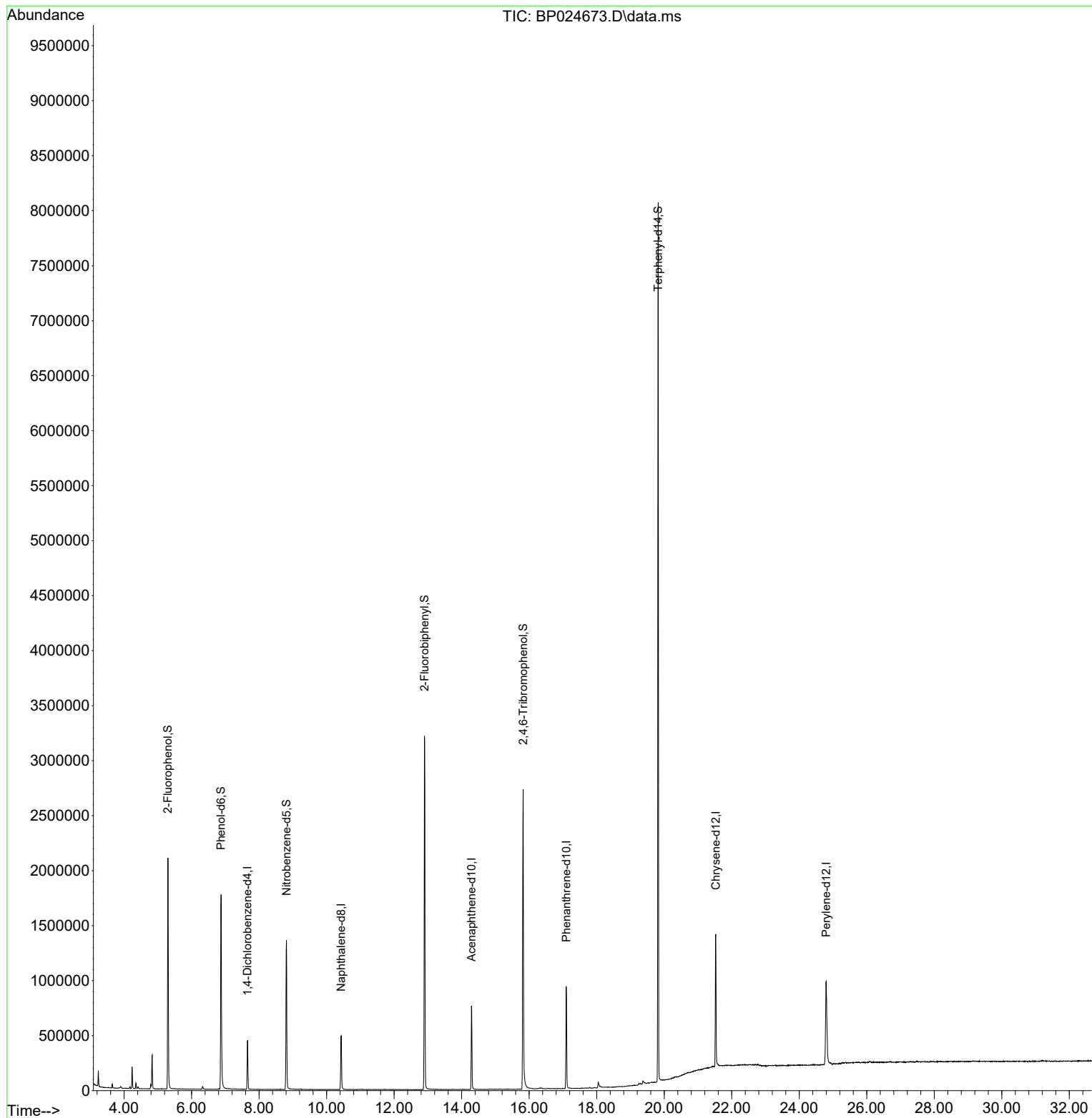
Target Compounds	Qvalue

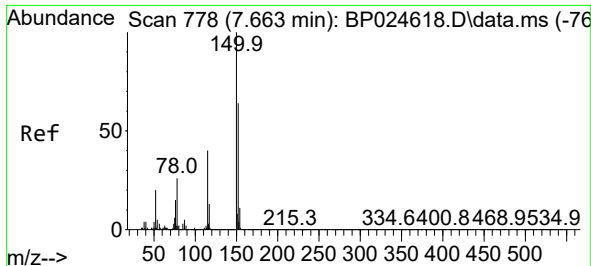
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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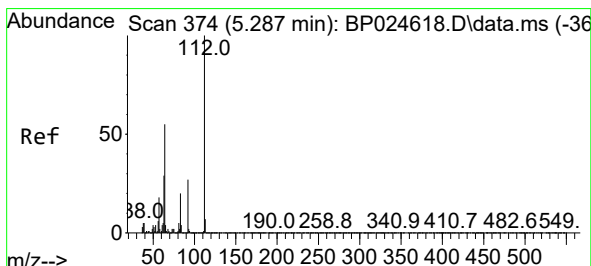
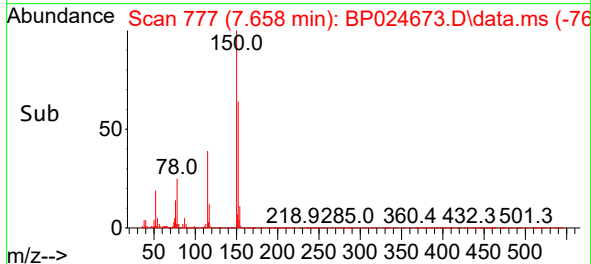
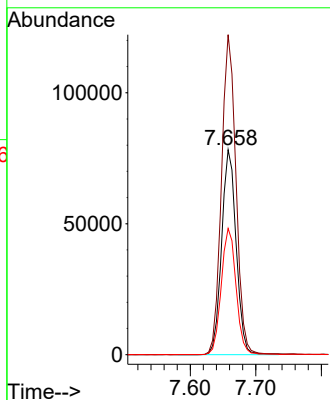
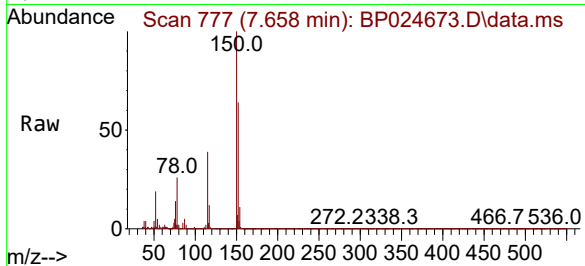




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

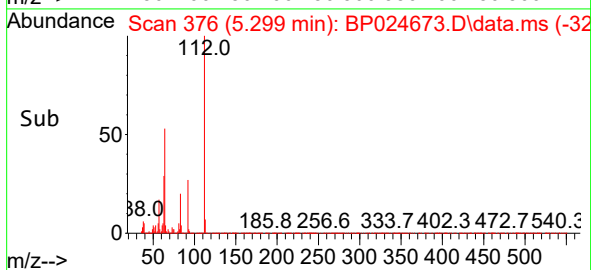
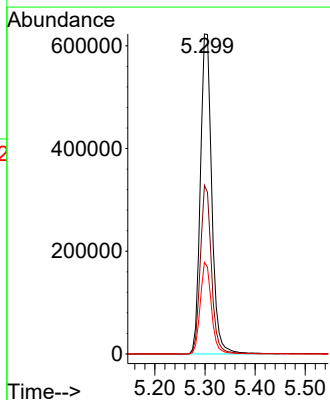
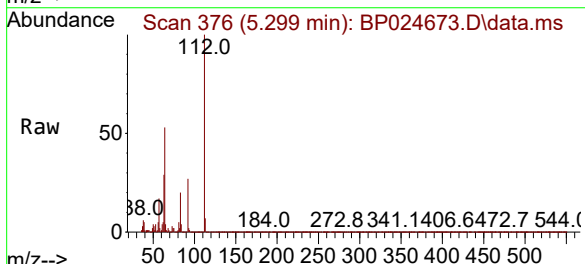
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

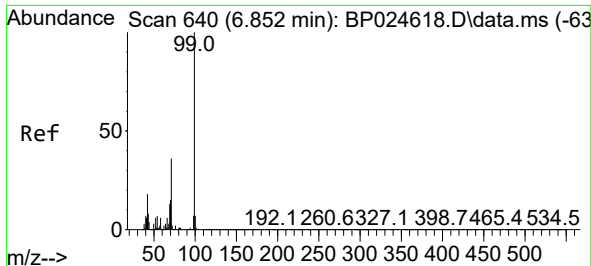
Tgt Ion:152 Resp: 119830
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 140.353 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

Tgt Ion:112 Resp: 983324
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 28.7 23.5 35.3

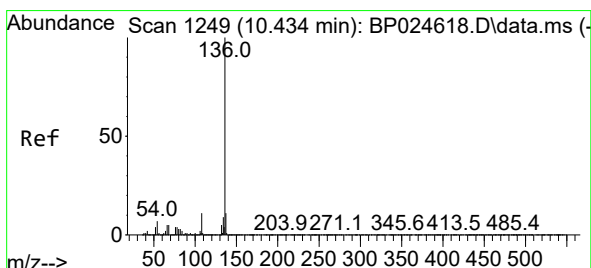
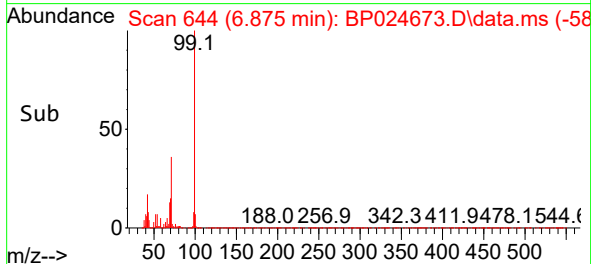
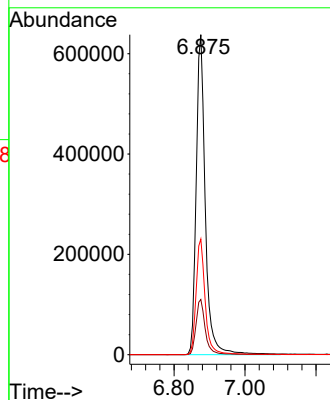
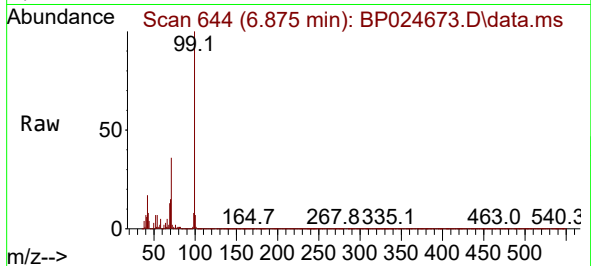




#7
Phenol-d6
Concen: 128.010 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

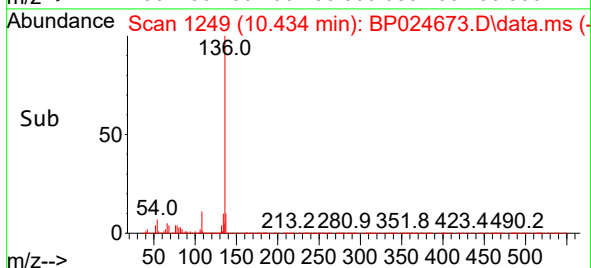
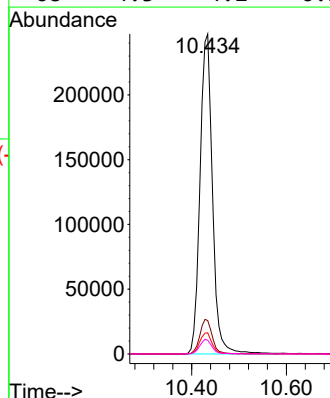
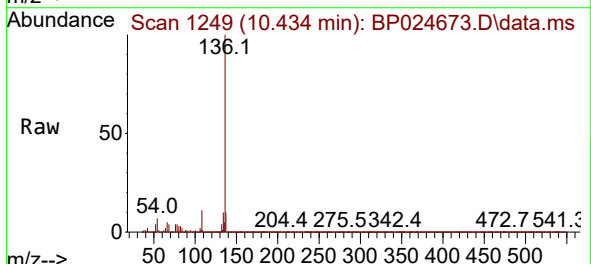
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

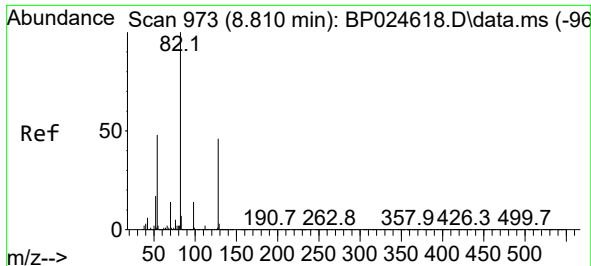
Tgt Ion: 99 Resp: 1144624
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

Tgt Ion: 136 Resp: 450304
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.6 5.5 8.3
68 4.3 4.2 6.2

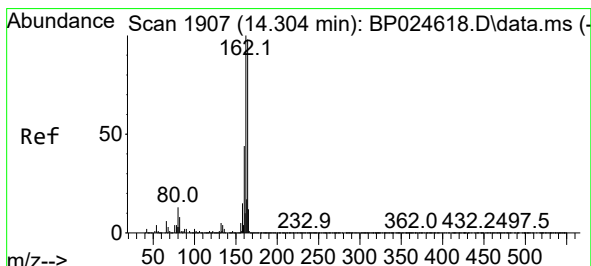
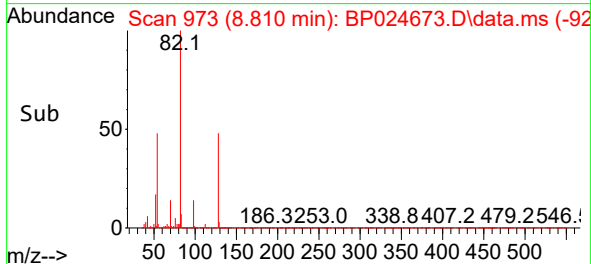
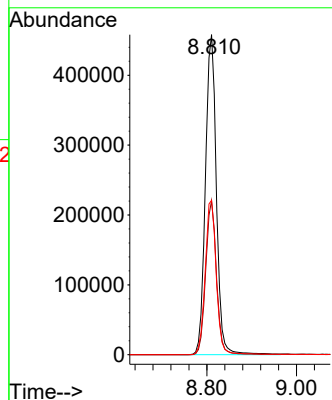
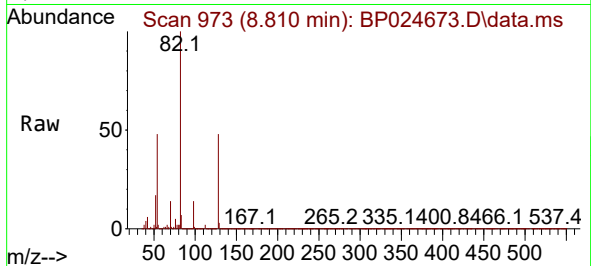




#23
Nitrobenzene-d5
Concen: 87.191 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

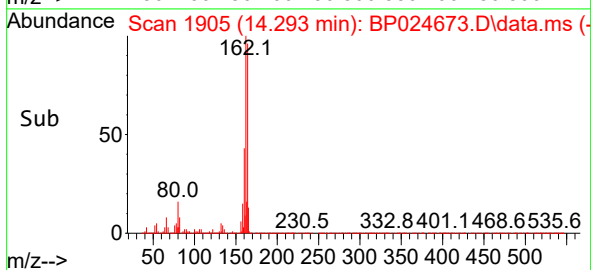
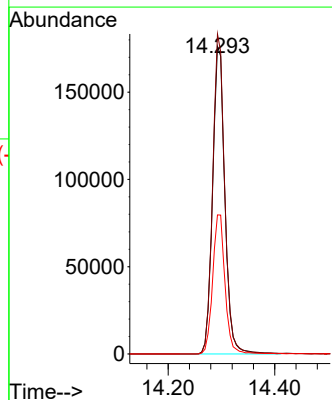
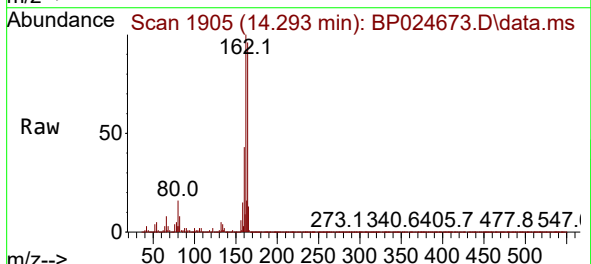
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

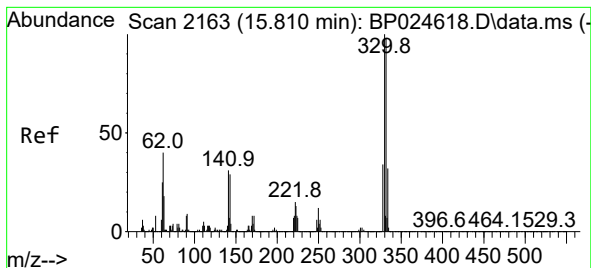
Tgt Ion: 82 Resp: 777066
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 48.3 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

Tgt Ion:164 Resp: 281176
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 149.649 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

Instrument :

BNA_P

ClientSampleId :

L3-WC-3

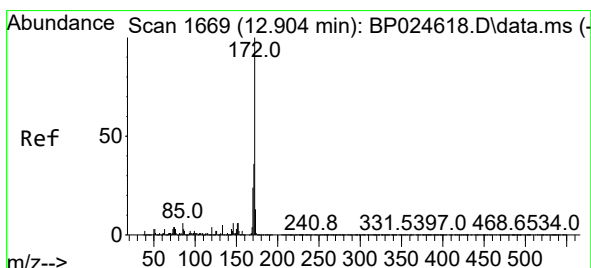
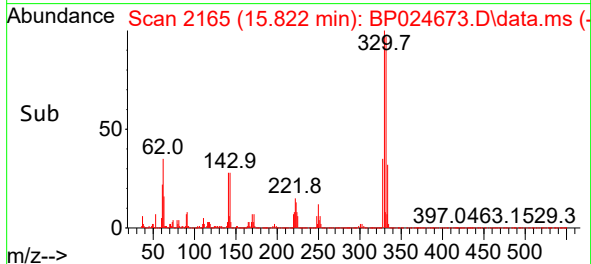
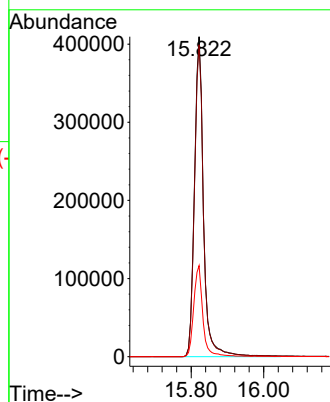
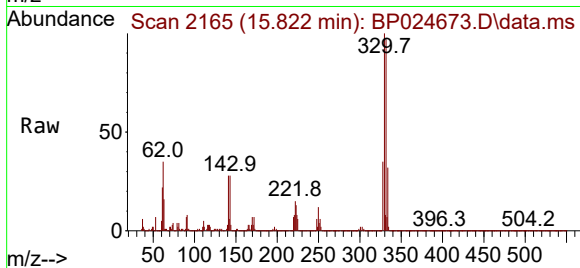
Tgt Ion:330 Resp: 713337

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 28.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 86.346 ng

RT: 12.899 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

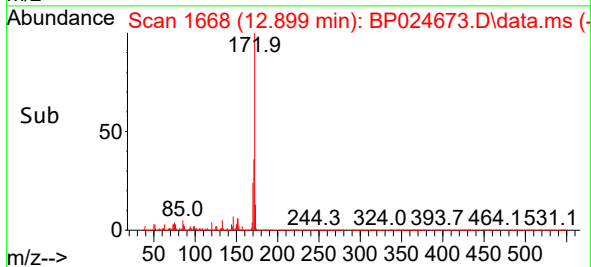
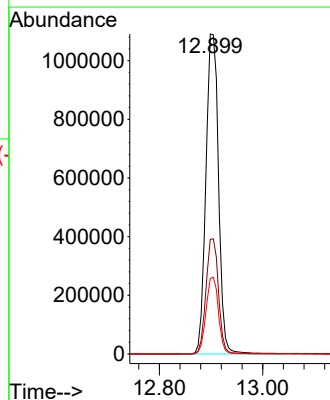
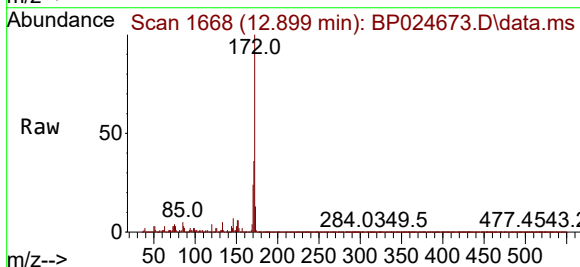
Tgt Ion:172 Resp: 1853135

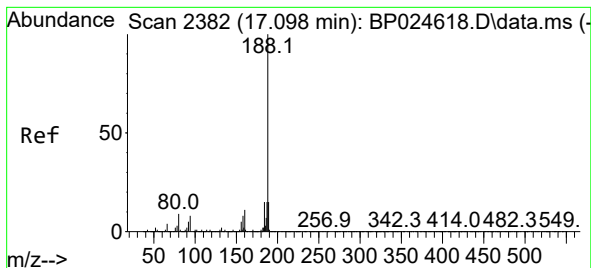
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

Instrument :

BNA_P

ClientSampleId :

L3-WC-3

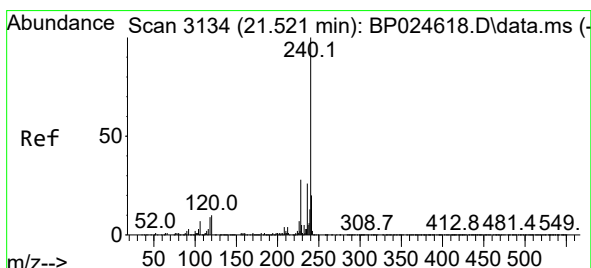
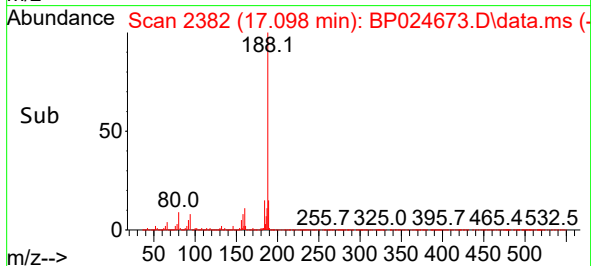
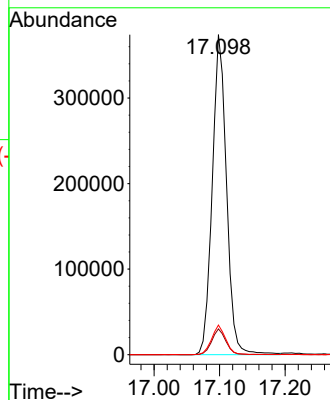
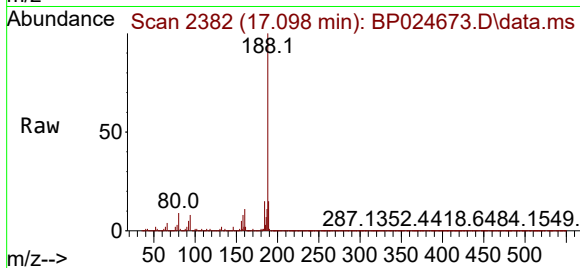
Tgt Ion:188 Resp: 565075

Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

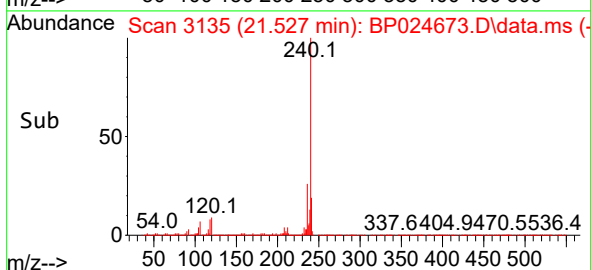
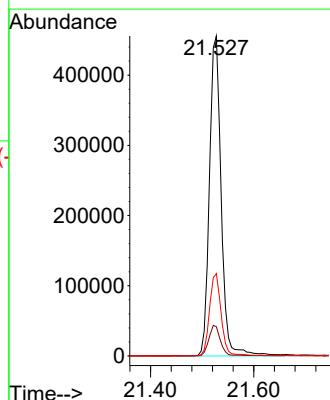
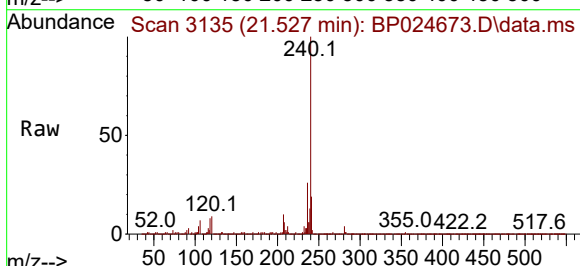
Tgt Ion:240 Resp: 717791

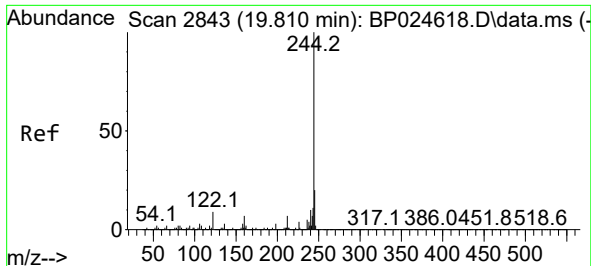
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.7 20.6 31.0

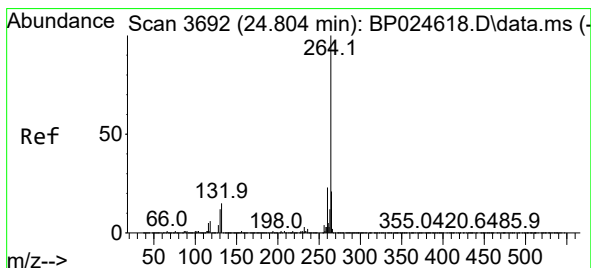
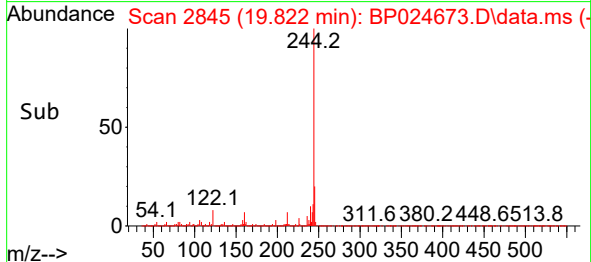
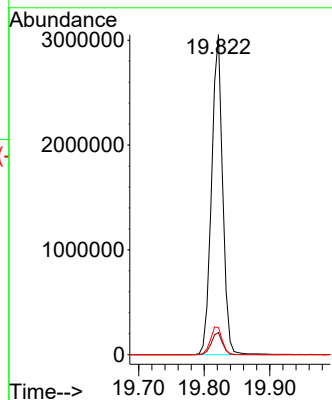
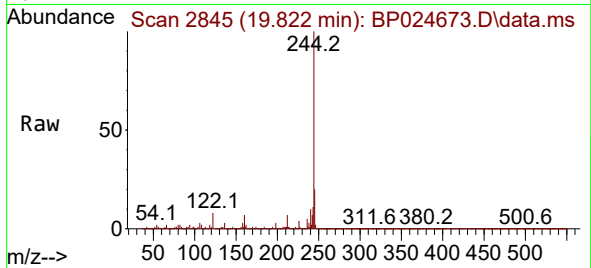




#79
 Terphenyl-d14
 Concen: 85.715 ng
 RT: 19.822 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024673.D
 Acq: 17 May 2025 02:33

Instrument :
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 L3-WC-3

Tgt Ion:244 Resp: 3588147
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.5 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: BP024673.D
 Acq: 17 May 2025 02:33

Tgt Ion:264 Resp: 843396
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.9 17.0 25.6

