

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)

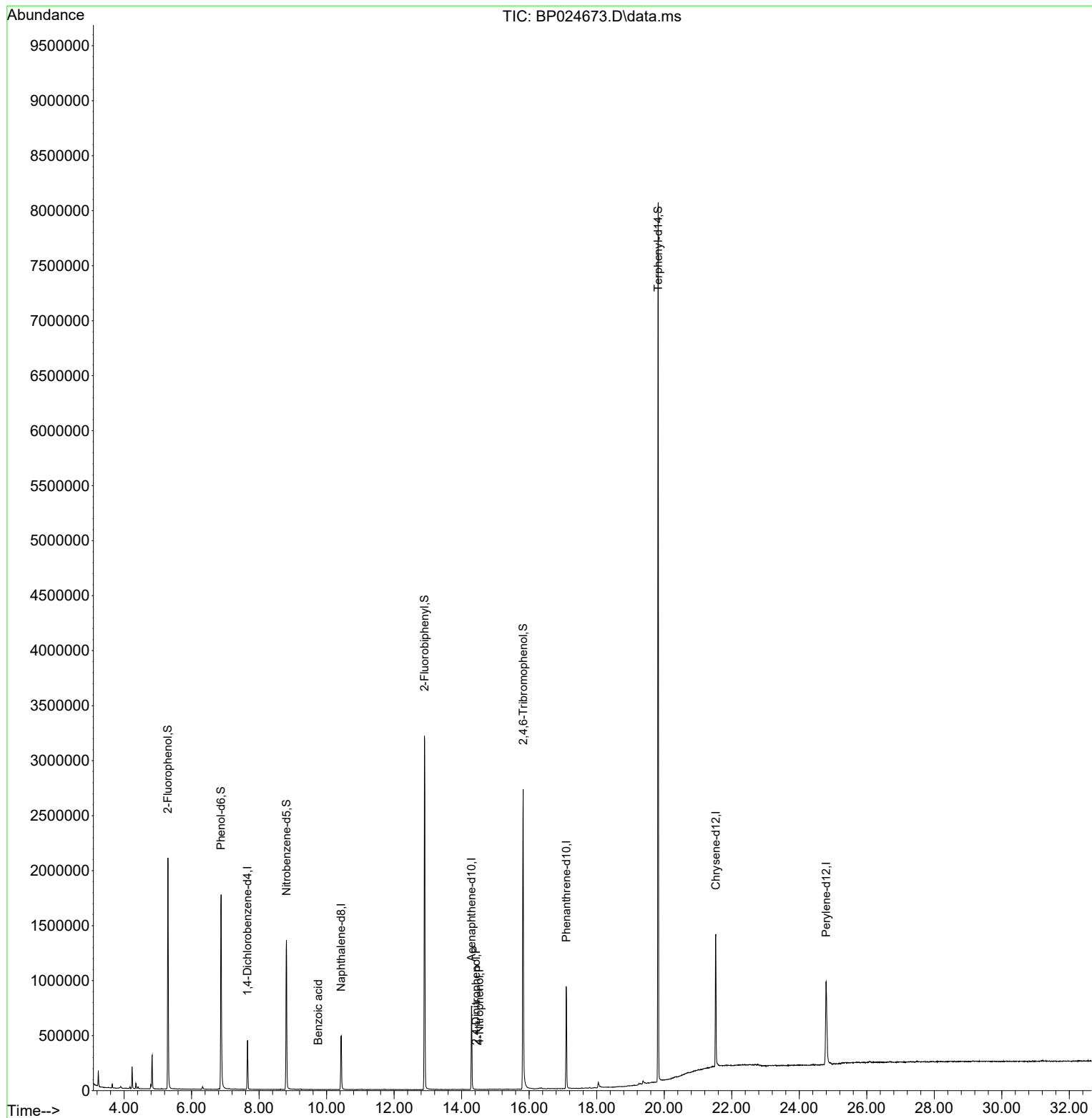
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	119830	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	450304	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	281176	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	565075	20.000	ng	0.00
76) Chrysene-d12	21.527	240	717791	20.000	ng	0.00
86) Perylene-d12	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
32) Benzoic acid	9.752	122	19	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.428	184	8	6.404	ng	# 1
56) 4-Nitrophenol	14.522	139	25	4.240	ng	# 32

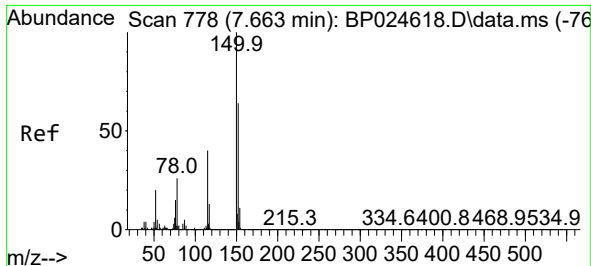
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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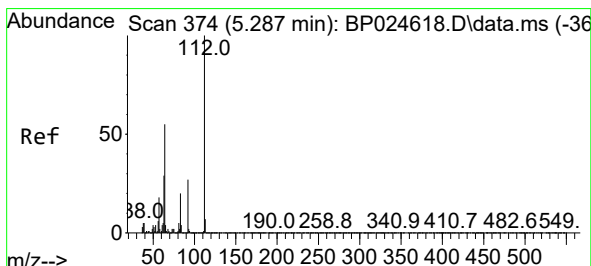
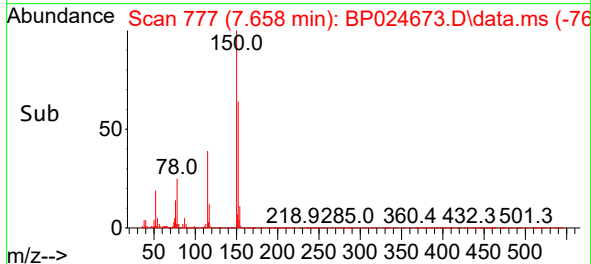
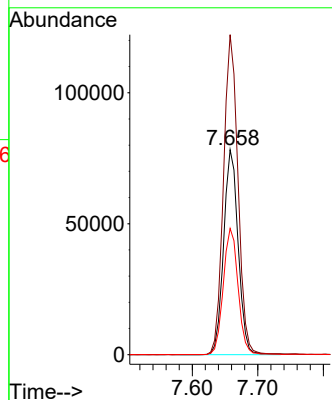
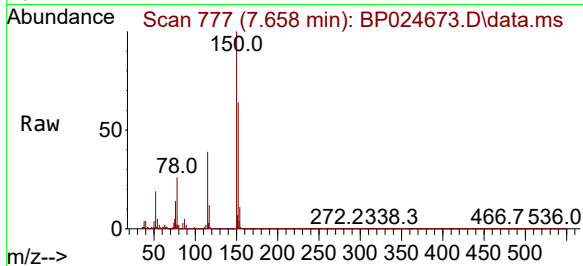




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

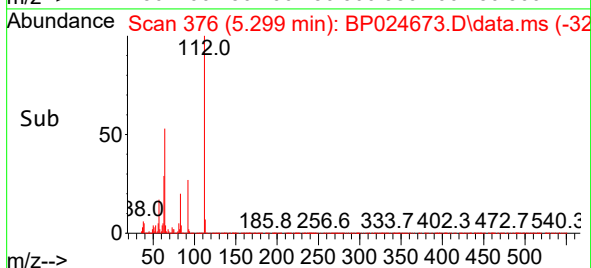
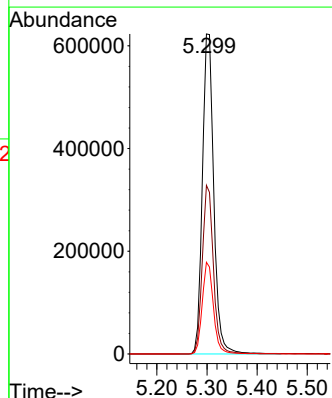
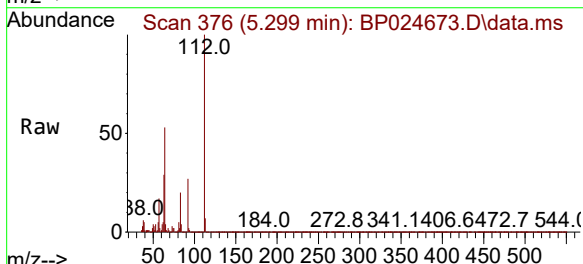
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

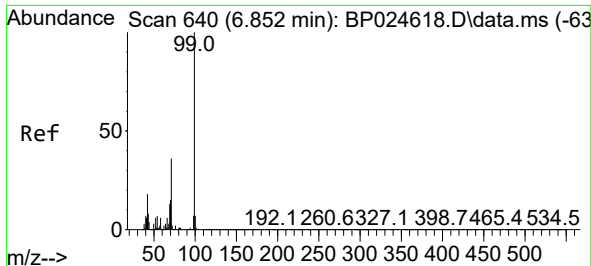
Tgt Ion:152 Resp: 119830
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 61.6 50.1 75.1



#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

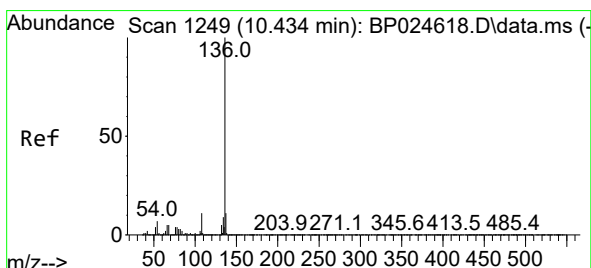
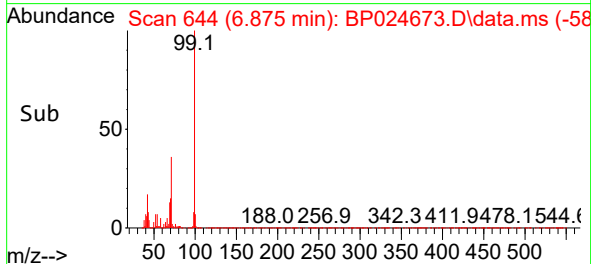
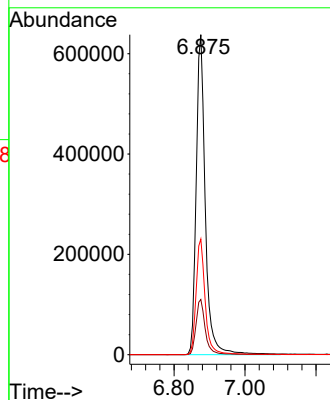
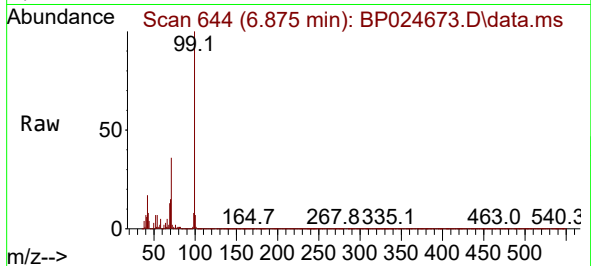




#7
Phenol-d6
Concen: 128.010 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

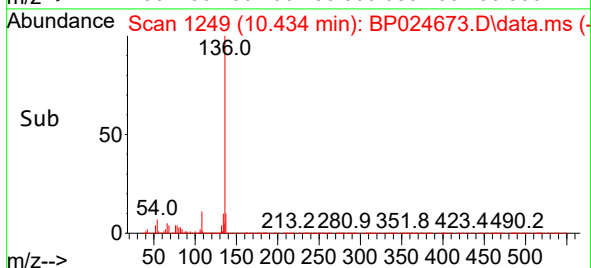
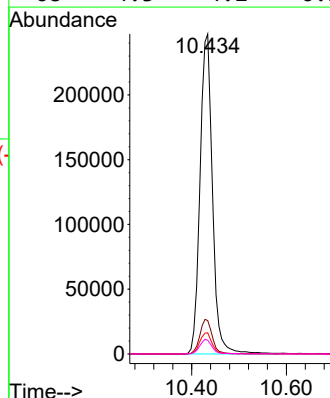
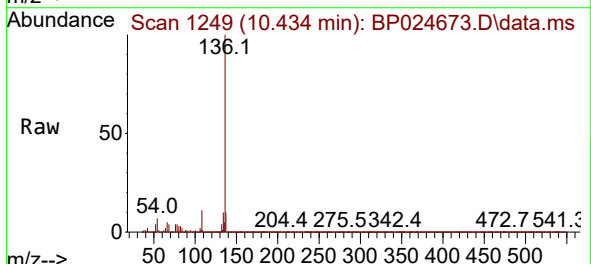
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

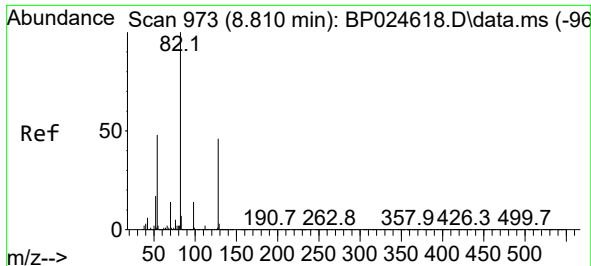
Tgt Ion: 99 Resp: 1144624
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 36.2 29.2 43.8



#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

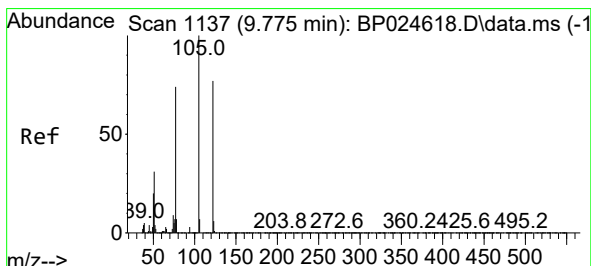
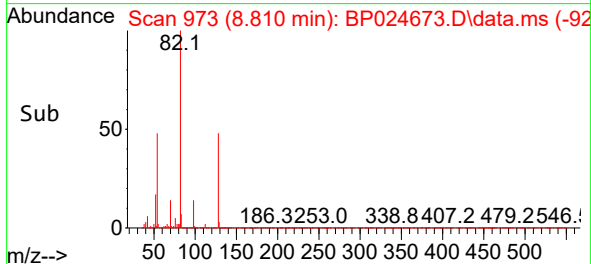
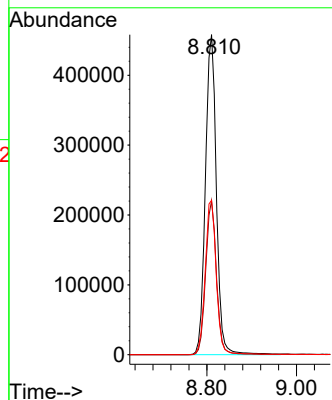
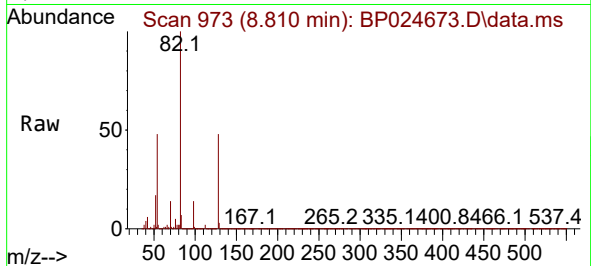




#23
Nitrobenzene-d5
Concen: 87.191 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

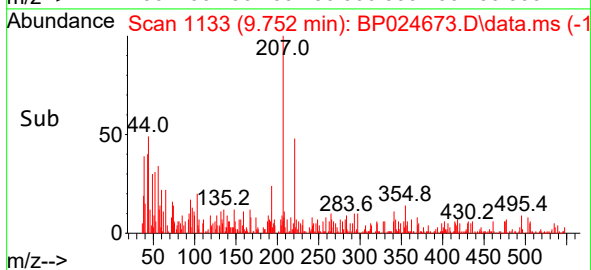
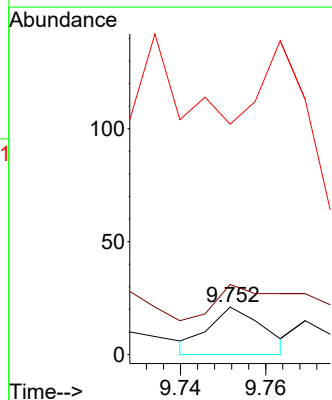
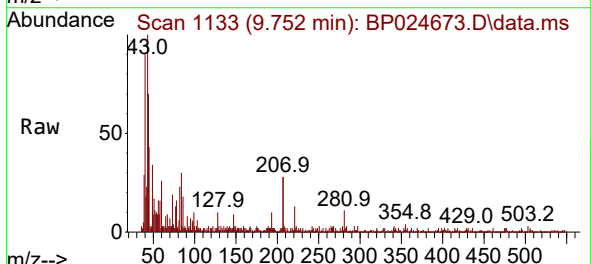
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

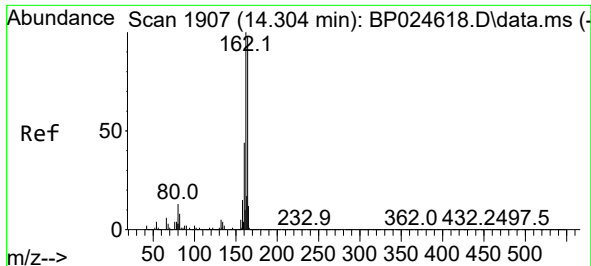
Tgt Ion: 82 Resp: 777066
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 48.3 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 147.6 106.9 146.9#
77 485.7 75.1 115.1#

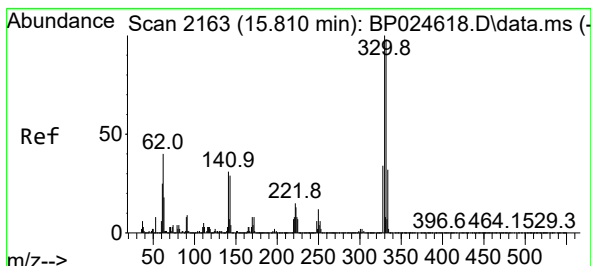
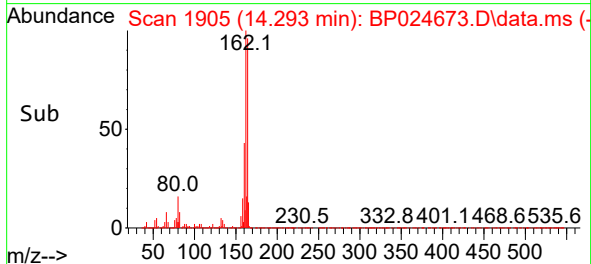
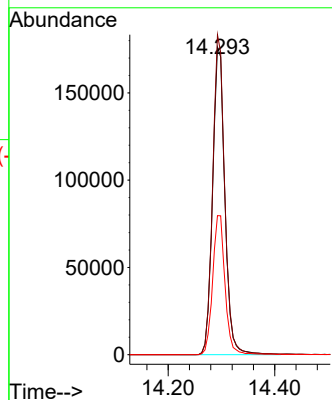
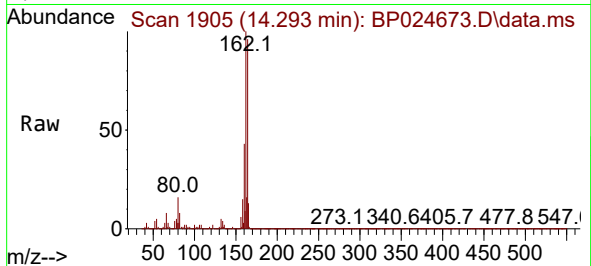




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

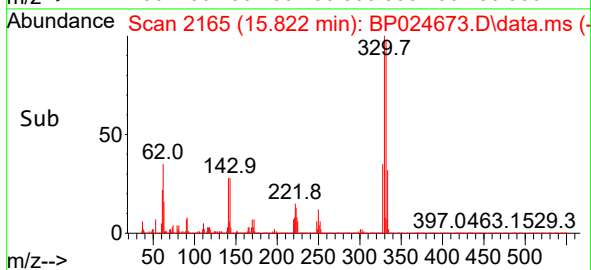
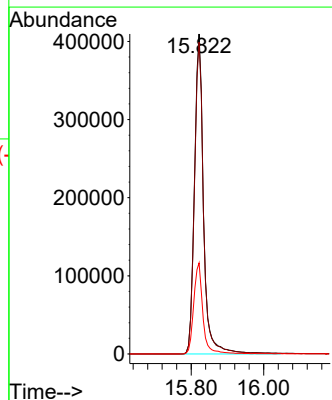
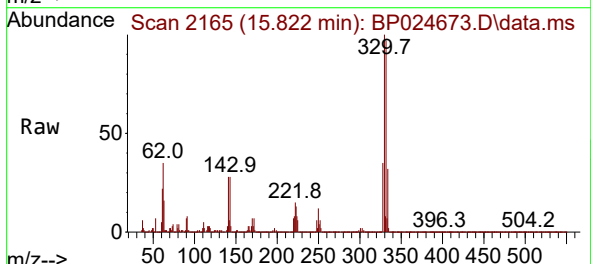
Instrument :
BNA_P
ClientSampleId :
L3-WC-3

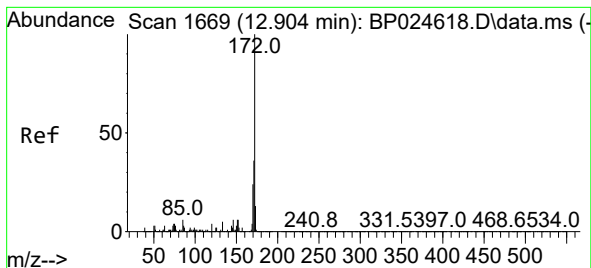
Tgt Ion:164 Resp: 281176
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 45.2 36.3 54.5



#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

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# 1

Delta R.T. -0.006 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

Instrument :

BNA_P

ClientSampleId :

L3-WC-3

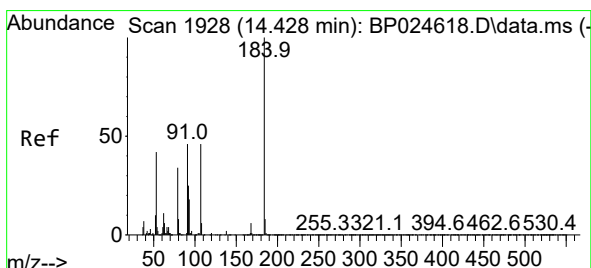
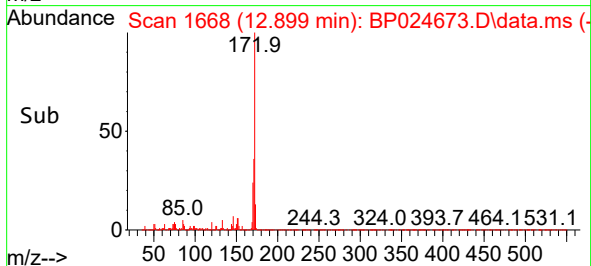
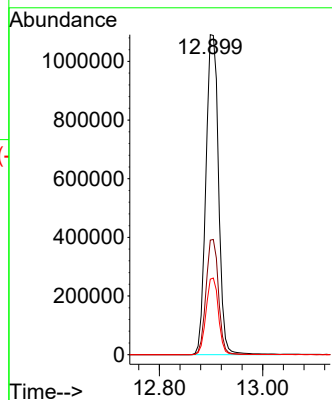
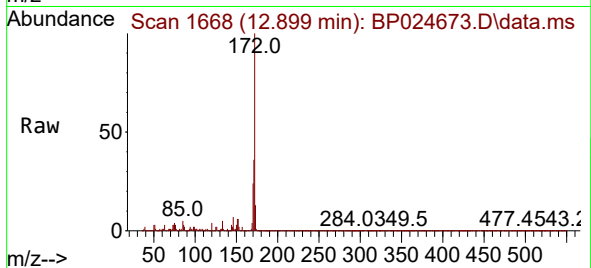
Tgt Ion:172 Resp: 1853135

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.428 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

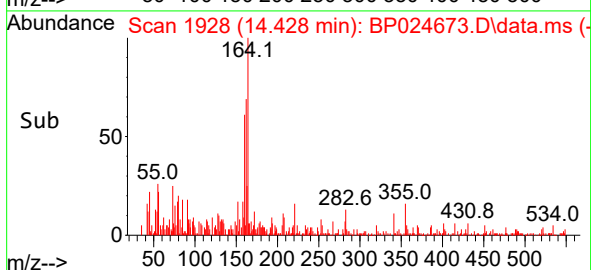
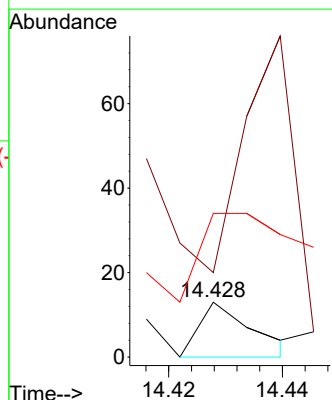
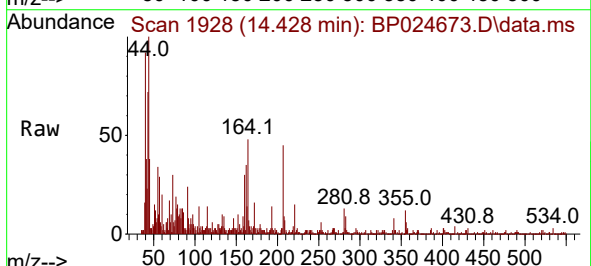
Tgt Ion:184 Resp: 8

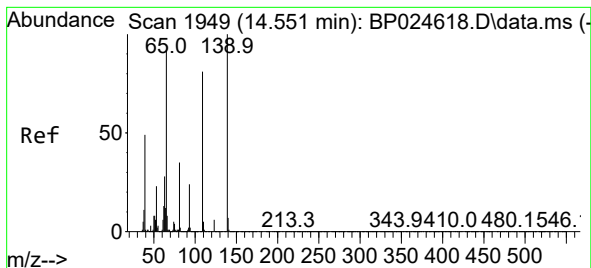
Ion Ratio Lower Upper

184 100

63 153.8 51.3 76.9#

154 261.5 53.5 80.3#

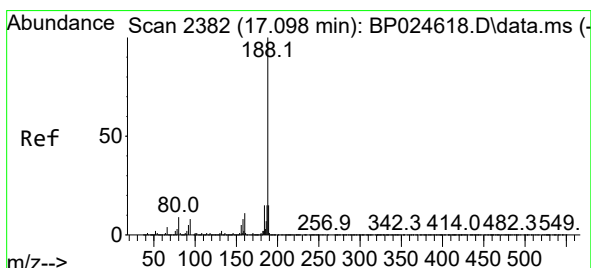
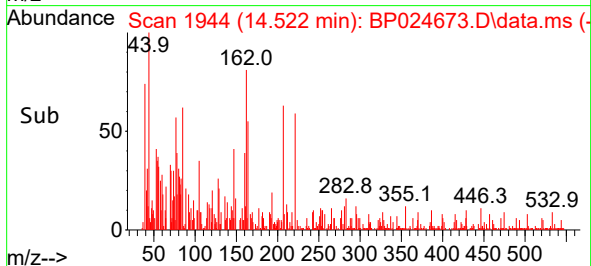
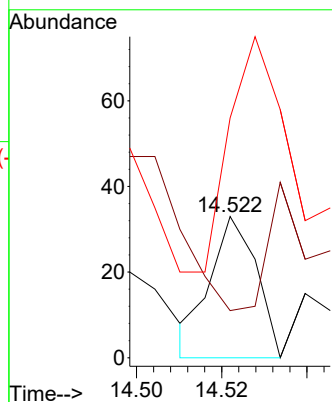
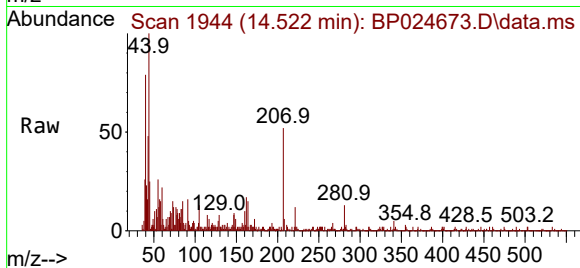




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

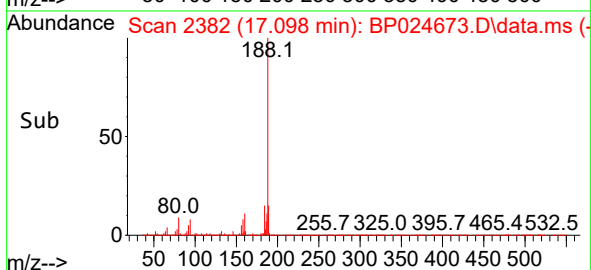
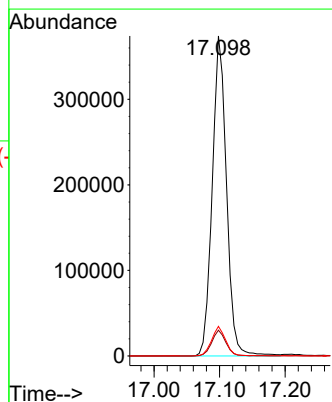
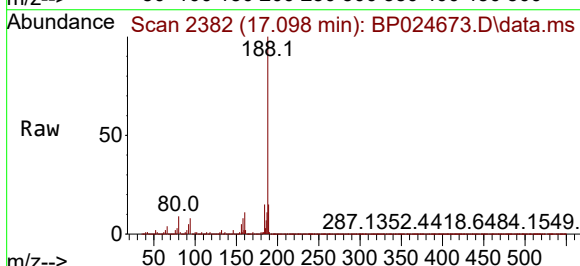
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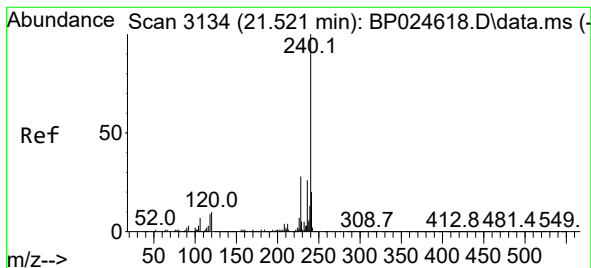
Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 33.3 61.4 101.4#
65 169.7 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024673.D
Acq: 17 May 2025 02:33

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# 31

Delta R.T. 0.006 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

Instrument :

BNA_P

ClientSampleId :

L3-WC-3

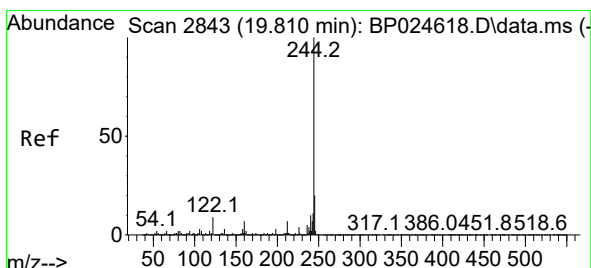
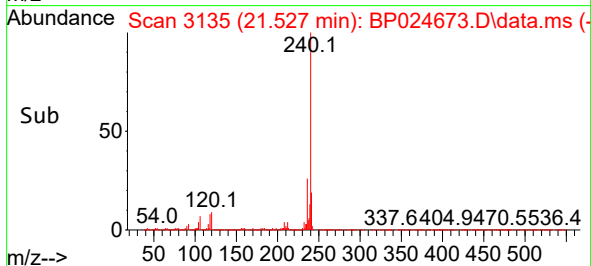
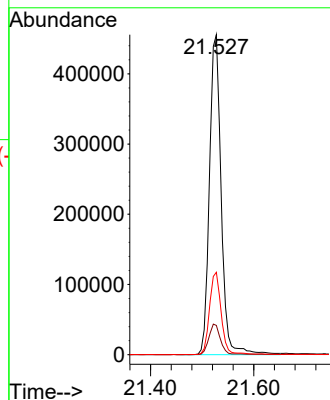
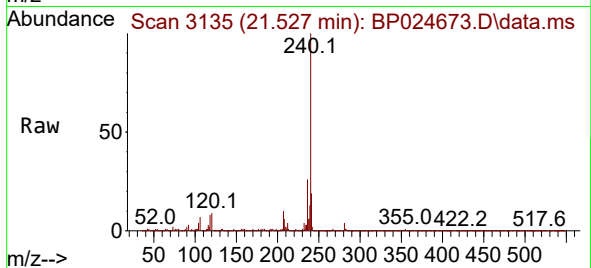
Tgt Ion:240 Resp: 717791

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# 2845

Delta R.T. 0.012 min

Lab File: BP024673.D

Acq: 17 May 2025 02:33

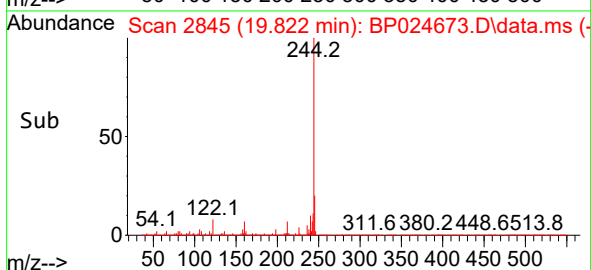
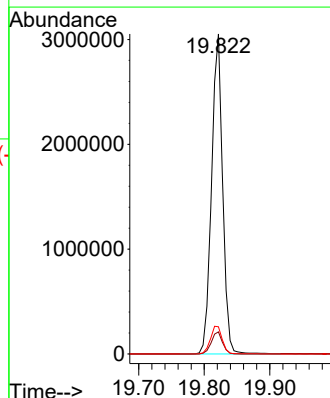
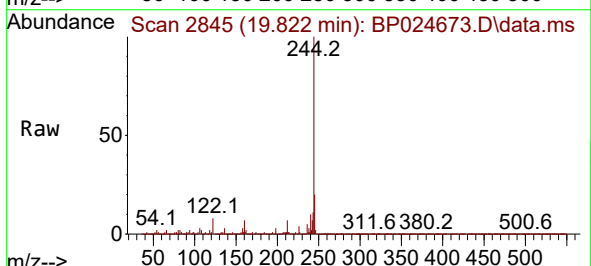
Tgt Ion:244 Resp: 3588147

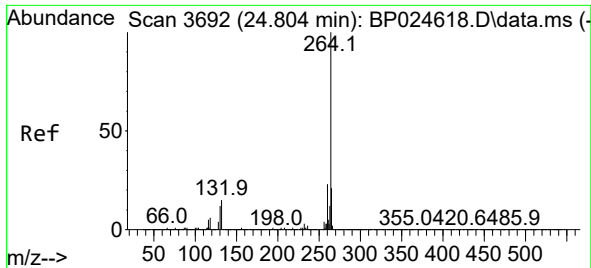
Ion Ratio Lower Upper

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# 30
 Delta R.T. -0.006 min
 Lab File: BP024673.D
 Acq: 17 May 2025 02:33

Instrument :
 BNA_P
 ClientSampleId :
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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

