

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024677.D
 Acq On : 17 May 2025 05:17
 Operator : RC/JU
 Sample : Q2048-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L2-WC-1

Quant Time: May 17 05:53:19 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)

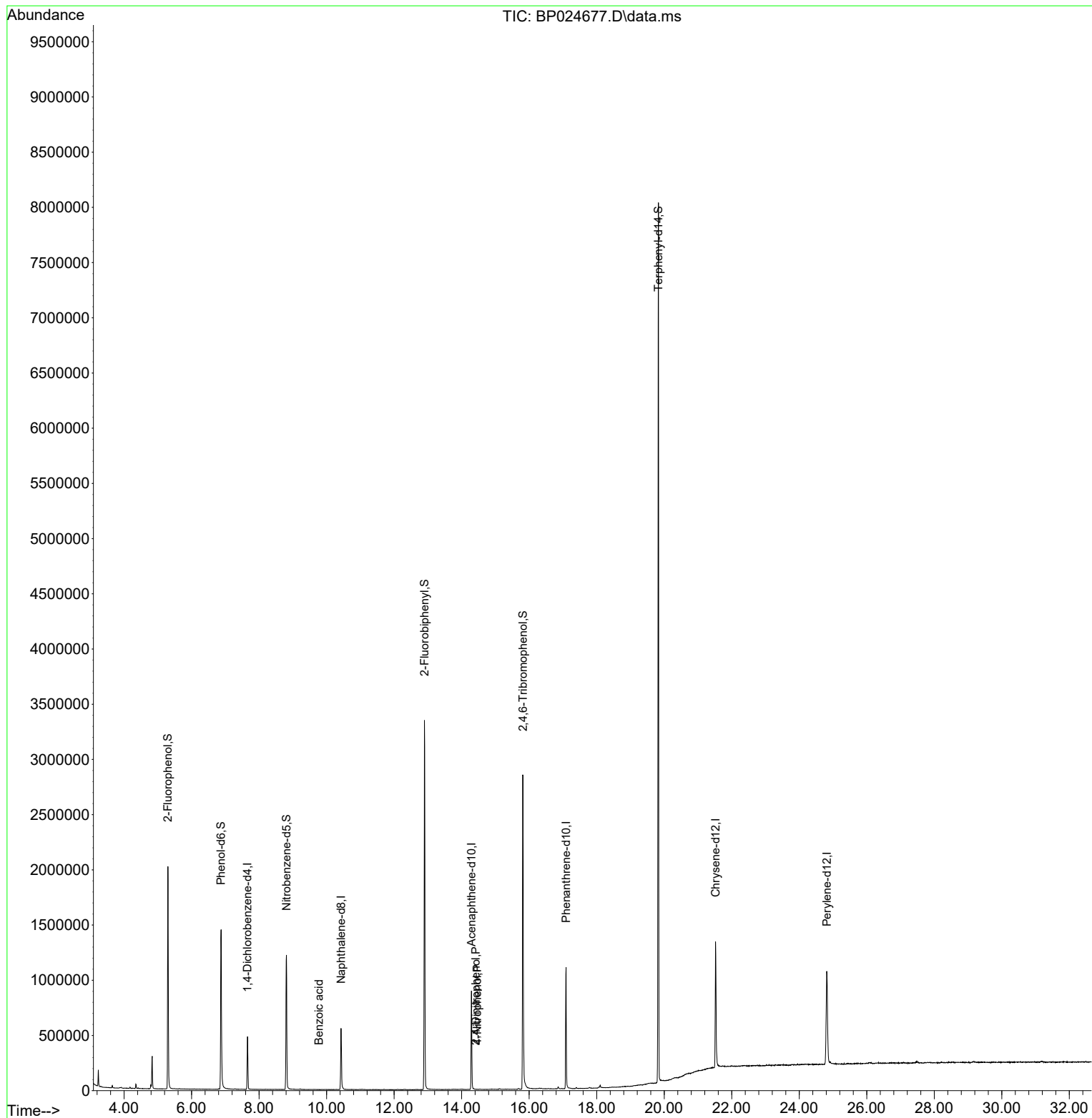
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	129736	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	487157	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	310727	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	623639	20.000	ng	0.00
76) Chrysene-d12	21.522	240	761994	20.000	ng	0.00
86) Perylene-d12	24.815	264	931710	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	903578	119.123	ng	0.01
7) Phenol-d6	6.875	99	986563	101.909	ng	0.02
23) Nitrobenzene-d5	8.810	82	723479	75.037	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	731206	138.809	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1796632	75.752	ng	0.00
79) Terphenyl-d14	19.828	244	3731794	83.976	ng	0.02
Target Compounds						Qvalue
32) Benzoic acid	9.775	122	46	7.476	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	7	6.403	ng	# 1
56) 4-Nitrophenol	14.463	139	48	4.244	ng	86

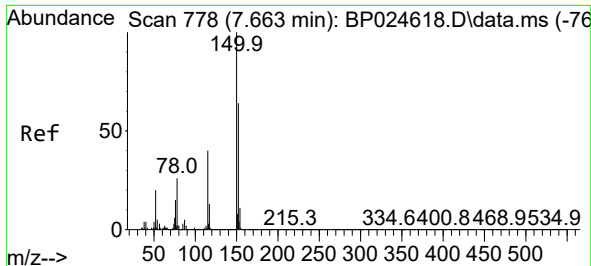
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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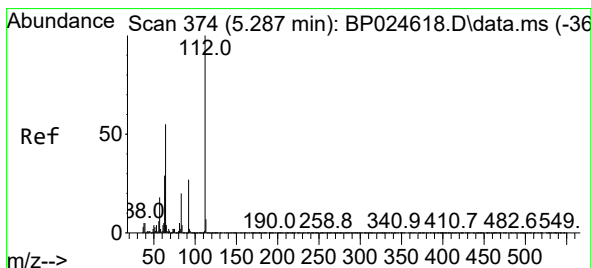
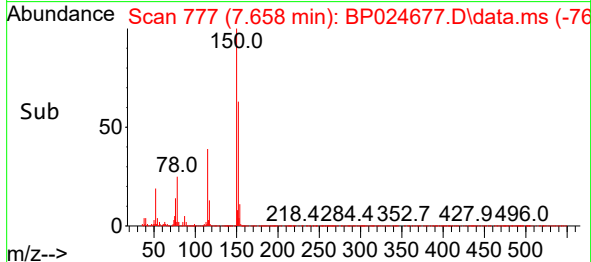
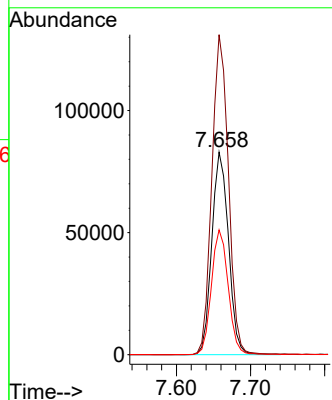
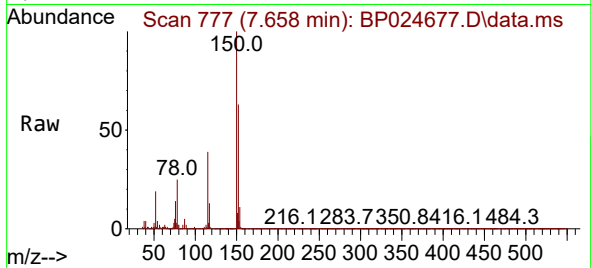




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

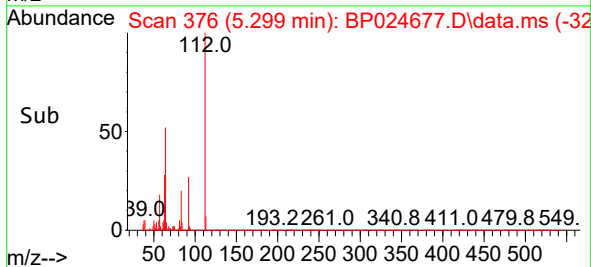
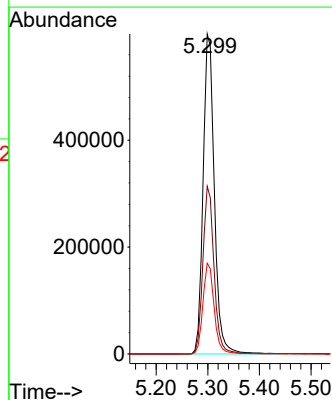
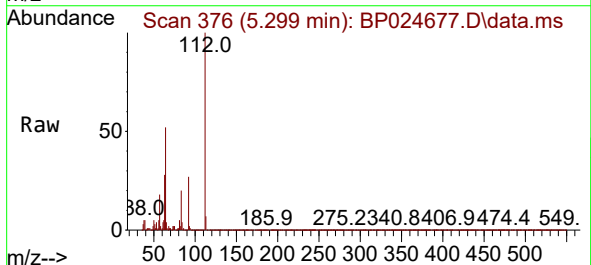
Instrument :
BNA_P
ClientSampleId :
L2-WC-1

Tgt Ion:152 Resp: 129736
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 119.123 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

Tgt Ion:112 Resp: 903578
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 28.3 23.5 35.3

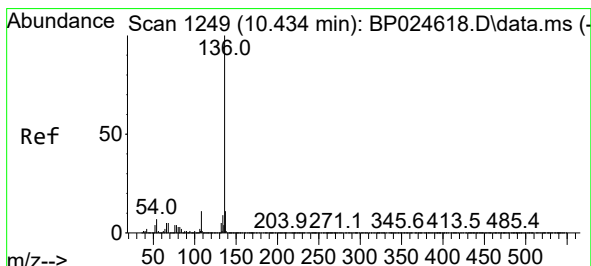
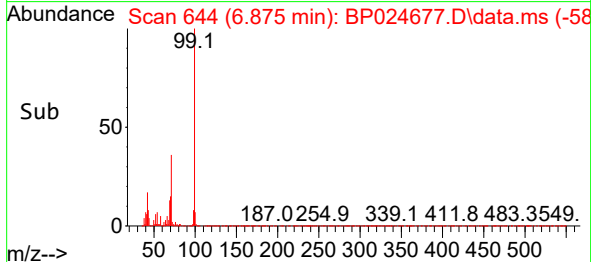
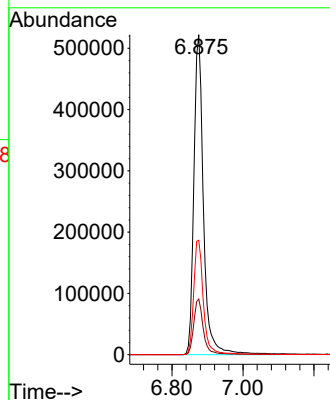
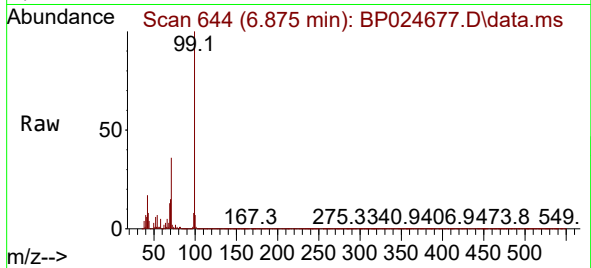




#7
Phenol-d6
Concen: 101.909 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

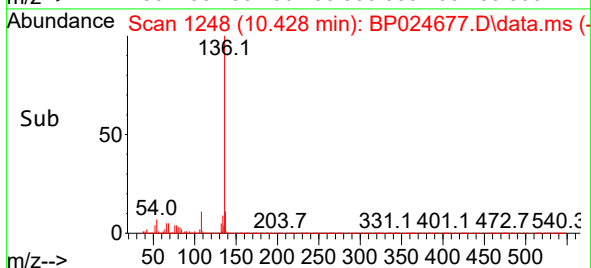
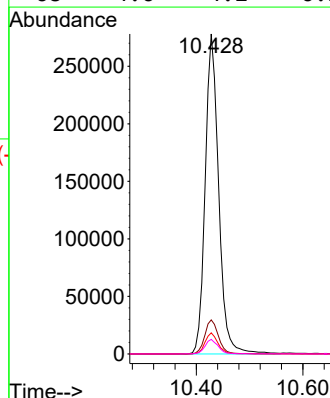
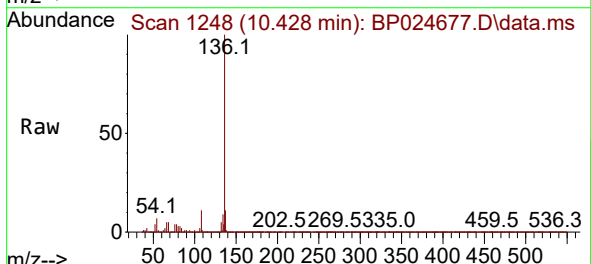
Instrument :
BNA_P
ClientSampleId :
L2-WC-1

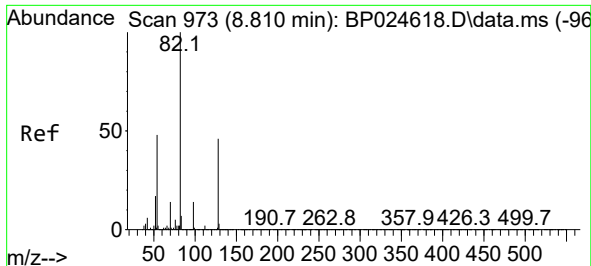
Tgt Ion: 99 Resp: 986563
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 35.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

Tgt Ion:136 Resp: 487157
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.5 8.3
68 4.6 4.2 6.2

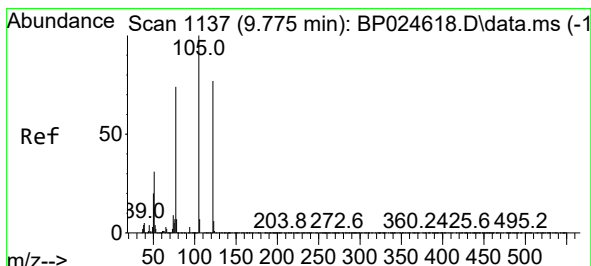
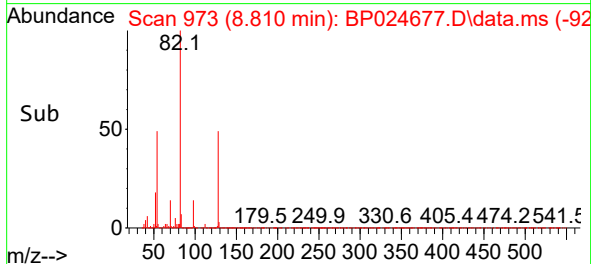
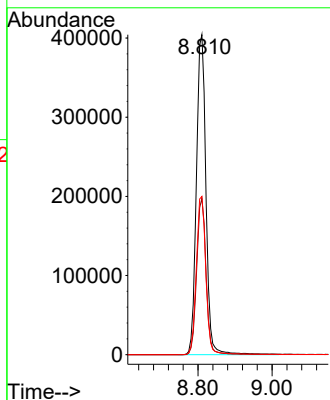
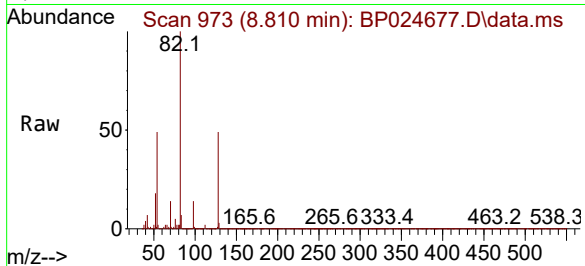




#23
Nitrobenzene-d5
Concen: 75.037 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

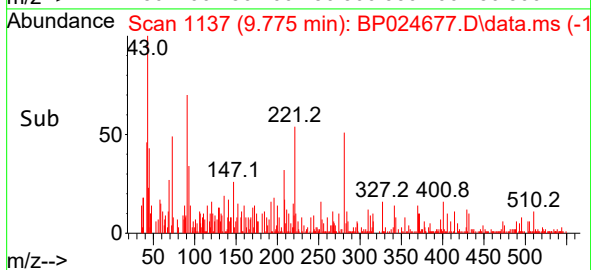
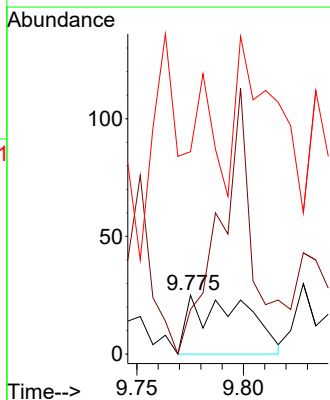
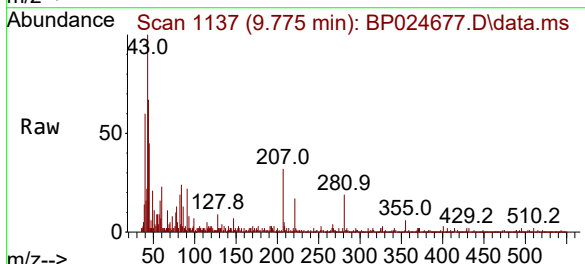
Instrument :
BNA_P
ClientSampleId :
L2-WC-1

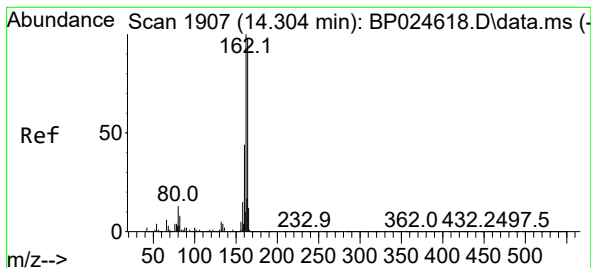
Tgt Ion: 82 Resp: 723479
Ion Ratio Lower Upper
82 100
128 48.8 37.0 55.4
54 49.5 38.7 58.1



#32
Benzoic acid
Concen: 7.476 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

Tgt Ion:122 Resp: 46
Ion Ratio Lower Upper
122 100
105 76.0 106.9 146.9#
77 344.0 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: BP024677.D

Acq: 17 May 2025 05:17

Instrument :

BNA_P

ClientSampleId :

L2-WC-1

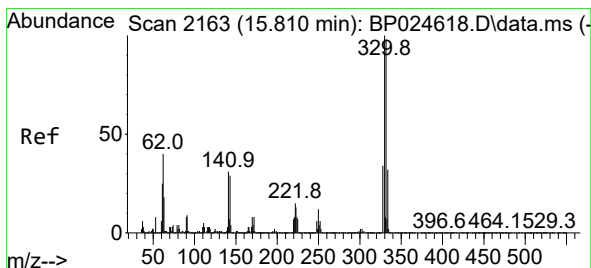
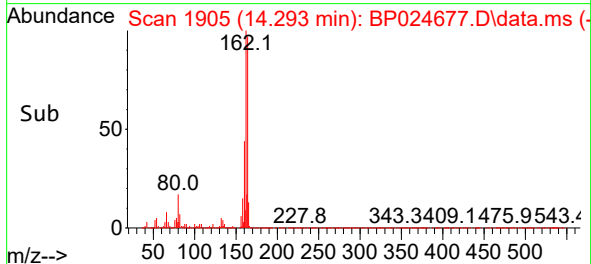
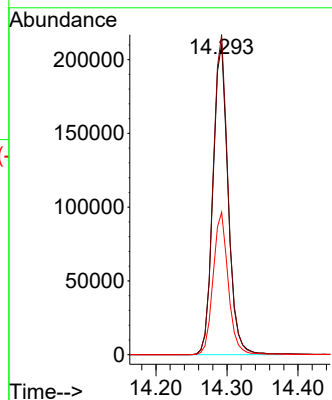
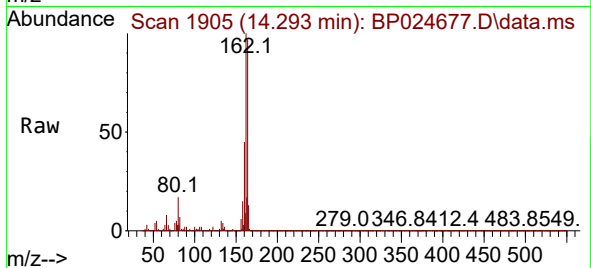
Tgt Ion:164 Resp: 310727

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 45.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 138.809 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024677.D

Acq: 17 May 2025 05:17

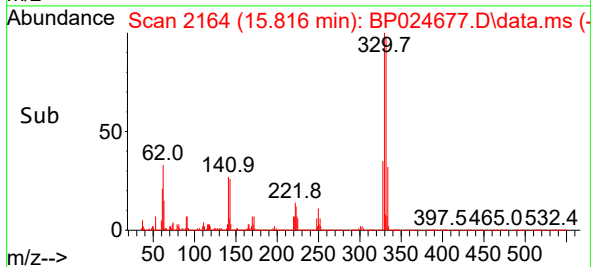
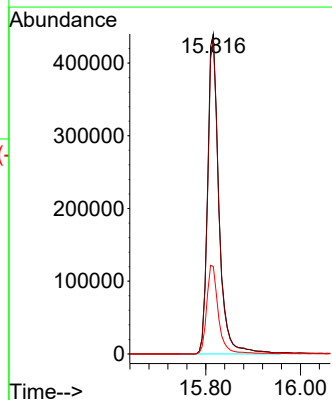
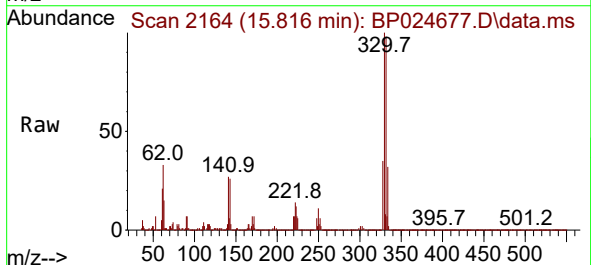
Tgt Ion:330 Resp: 731206

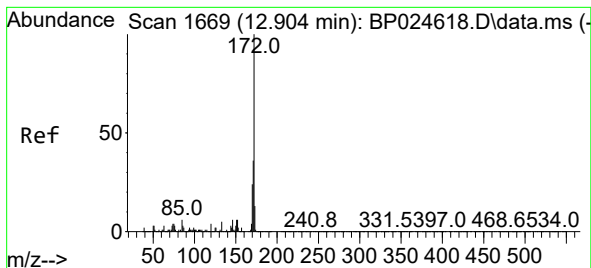
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 28.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.752 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024677.D

Acq: 17 May 2025 05:17

Instrument :

BNA_P

ClientSampleId :

L2-WC-1

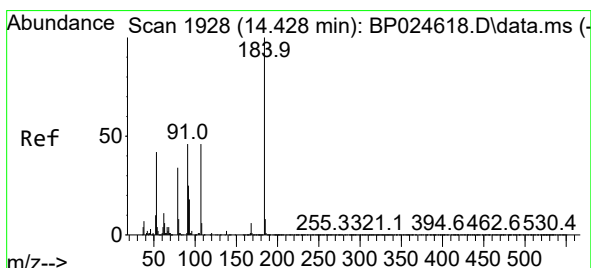
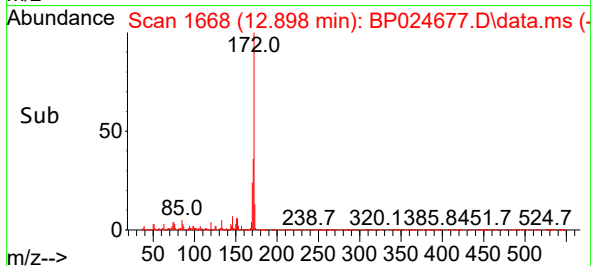
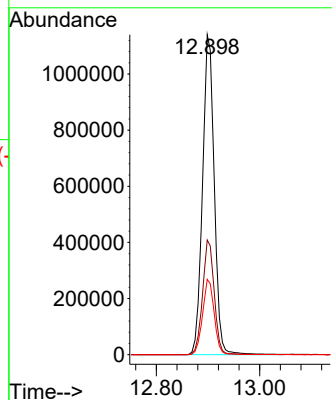
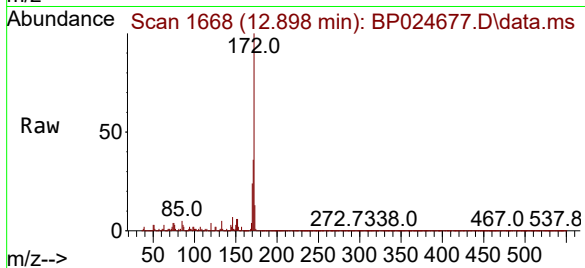
Tgt Ion:172 Resp: 1796632

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: 6.403 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024677.D

Acq: 17 May 2025 05:17

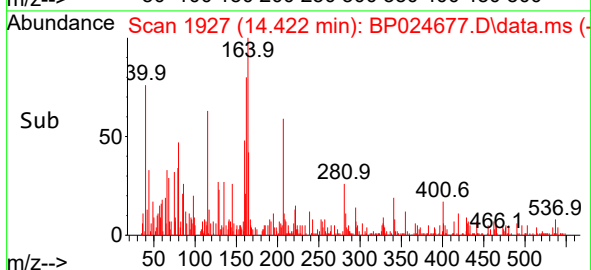
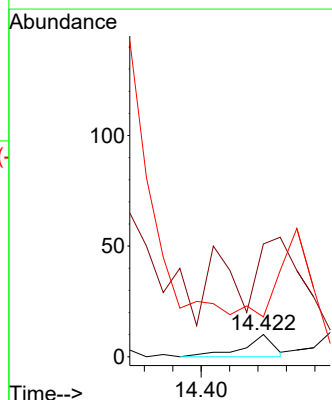
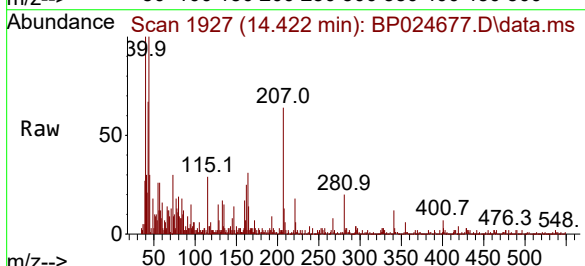
Tgt Ion:184 Resp: 7

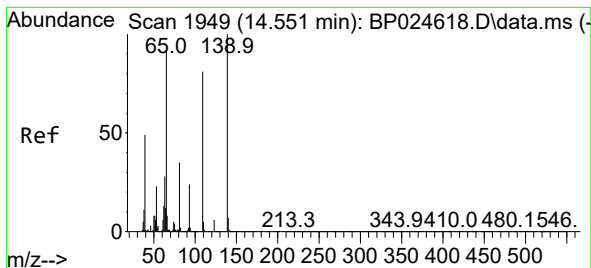
Ion Ratio Lower Upper

184 100

63 510.0 51.3 76.9#

154 180.0 53.5 80.3#

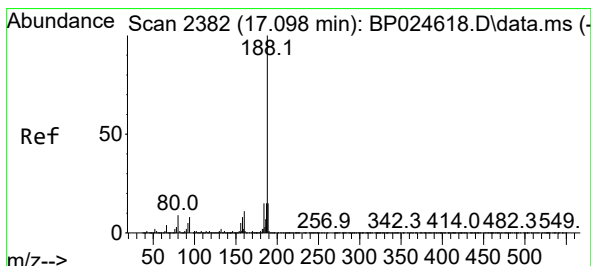
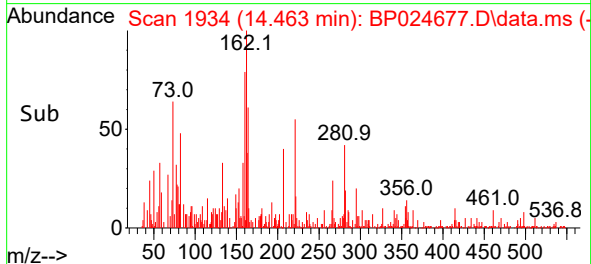
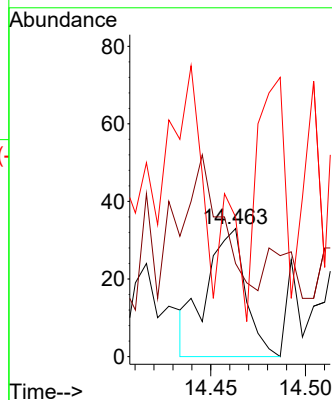
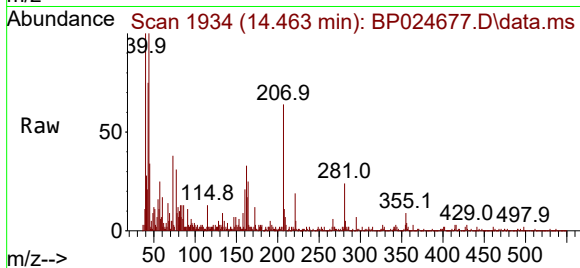




#56
4-Nitrophenol
Concen: 4.244 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.088 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

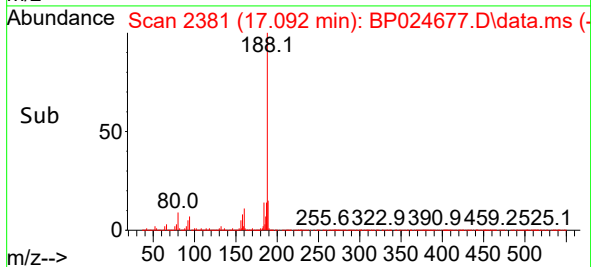
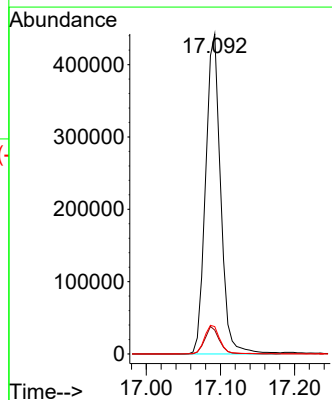
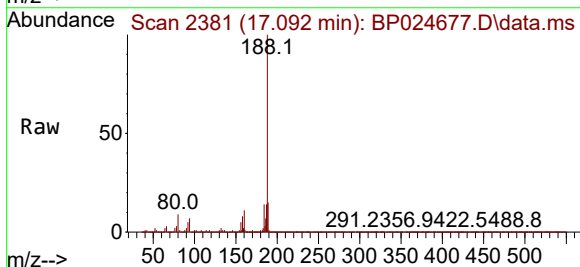
Instrument :
BNA_P
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L2-WC-1

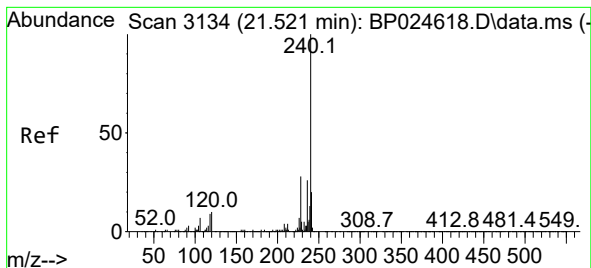
Tgt Ion:139 Resp: 48
Ion Ratio Lower Upper
139 100
109 72.7 61.4 101.4
65 109.1 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024677.D
Acq: 17 May 2025 05:17

Tgt Ion:188 Resp: 623639
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024677.D

Acq: 17 May 2025 05:17

Instrument :

BNA_P

ClientSampleId :

L2-WC-1

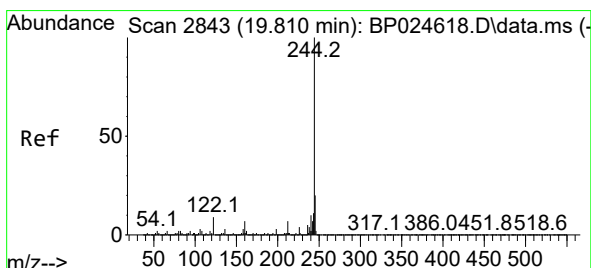
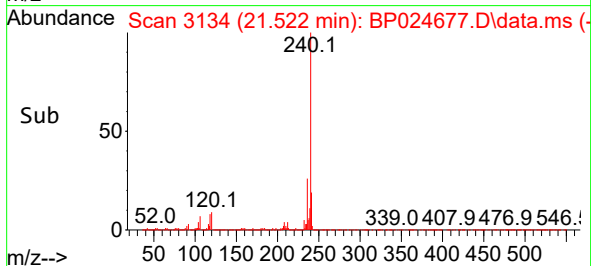
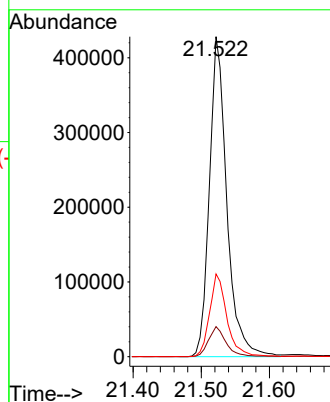
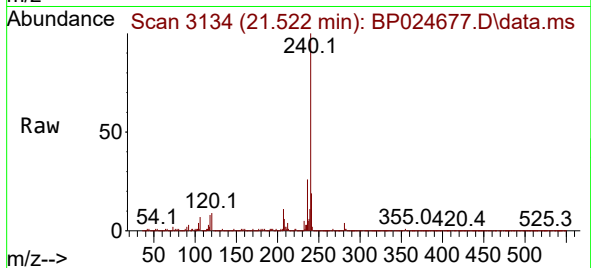
Tgt Ion:240 Resp: 761994

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 83.976 ng

RT: 19.828 min Scan# 2846

Delta R.T. 0.018 min

Lab File: BP024677.D

Acq: 17 May 2025 05:17

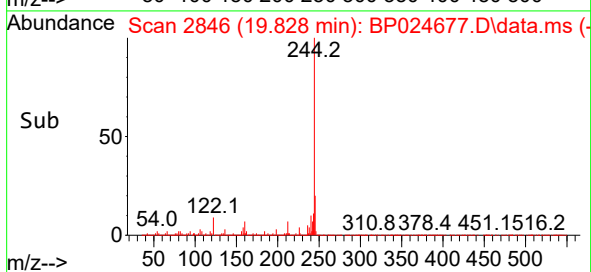
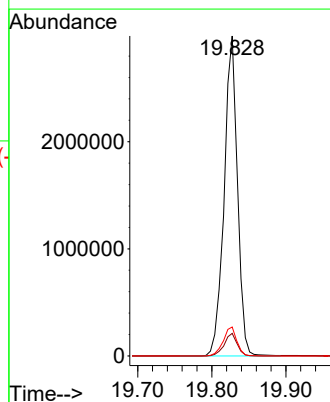
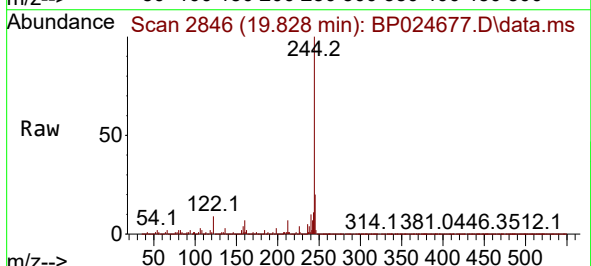
Tgt Ion:244 Resp: 3731794

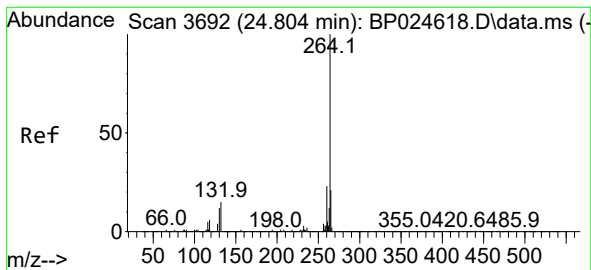
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.0 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP024677.D

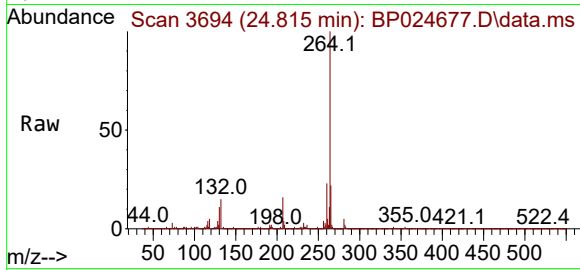
Acq: 17 May 2025 05:17

Instrument :

BNA_P

ClientSampleId :

L2-WC-1



Tgt Ion:264 Resp: 931710

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.1 17.0 25.6

