

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024678.D
 Acq On : 17 May 2025 05:58
 Operator : RC/JU
 Sample : Q2048-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L2-WC-2

Quant Time: May 17 06:20:49 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)

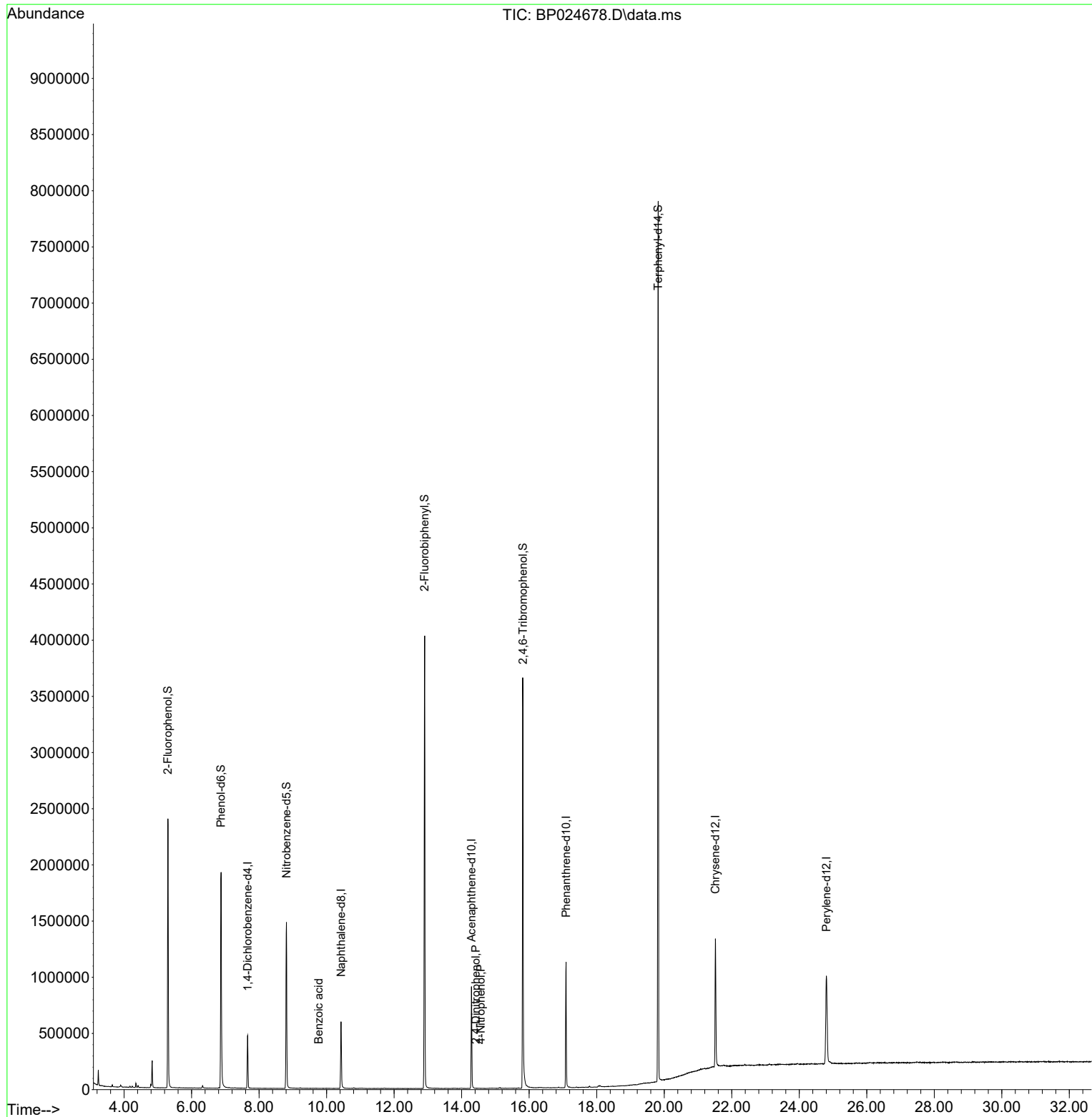
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	128383	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	509353	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	310834	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	639372	20.000	ng	0.00
76) Chrysene-d12	21.515	240	765892	20.000	ng	0.00
86) Perylene-d12	24.803	264	921204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1103299	146.986	ng	0.01
7) Phenol-d6	6.875	99	1274396	133.028	ng	0.02
23) Nitrobenzene-d5	8.810	82	827970	82.132	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	839791	159.367	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2129093	89.738	ng	0.00
79) Terphenyl-d14	19.821	244	4100251	91.797	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.769	122	31	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	18	6.406	ng	# 71
56) 4-Nitrophenol	14.569	139	32	4.241	ng	# 1

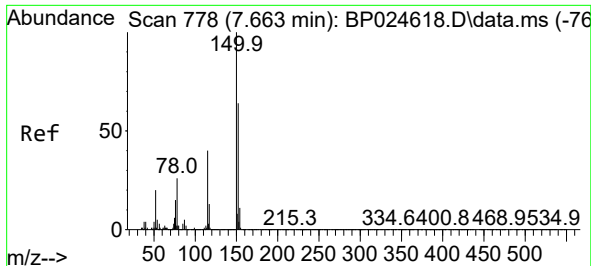
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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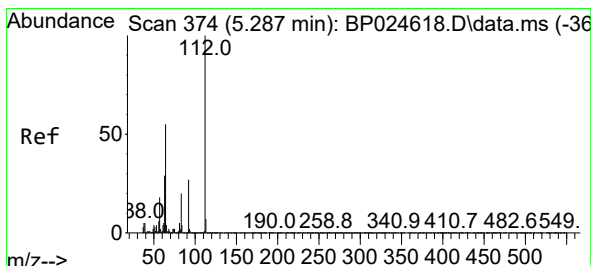
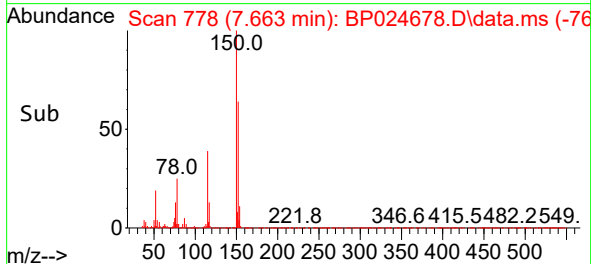
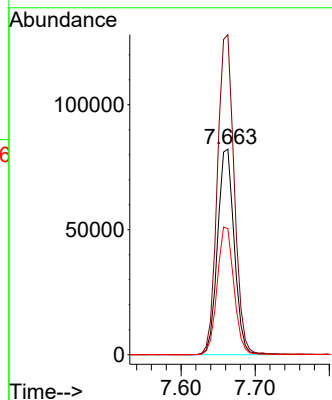
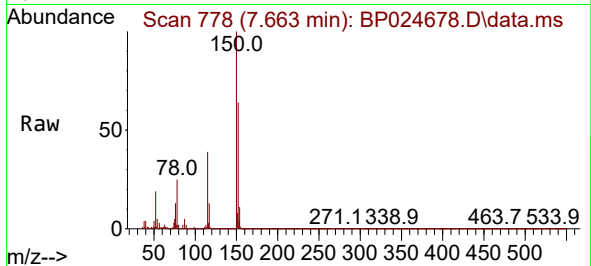




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

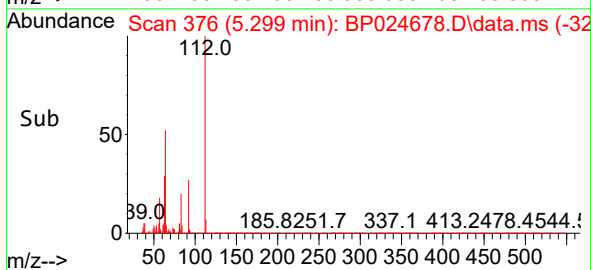
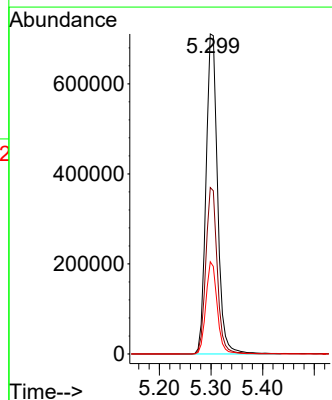
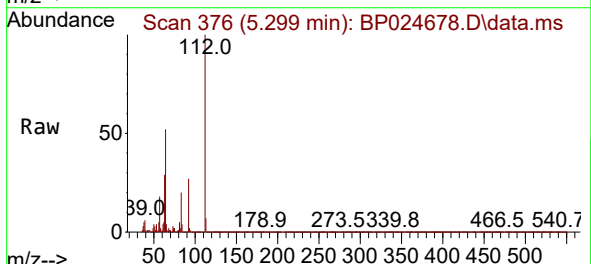
Instrument :
BNA_P
ClientSampleId :
L2-WC-2

Tgt Ion:152 Resp: 128383
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.3 50.1 75.1



#5
2-Fluorophenol
Concen: 146.986 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.011 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

Tgt Ion:112 Resp: 1103299
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.8 23.5 35.3

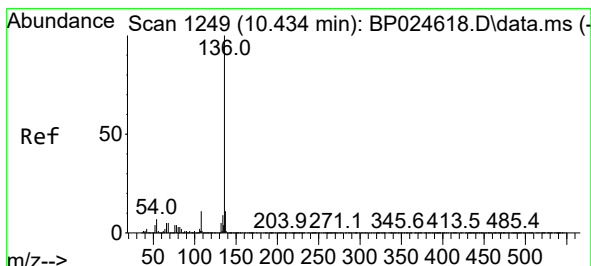
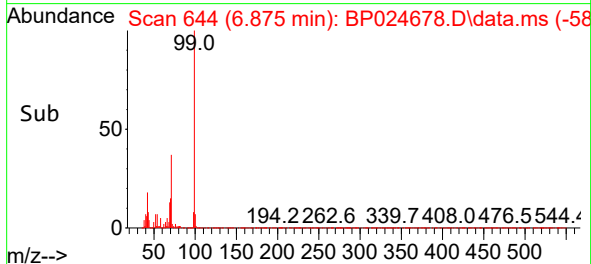
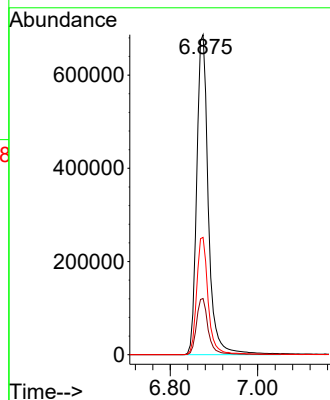
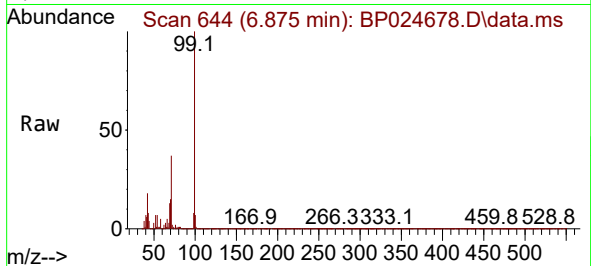




#7
Phenol-d6
Concen: 133.028 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

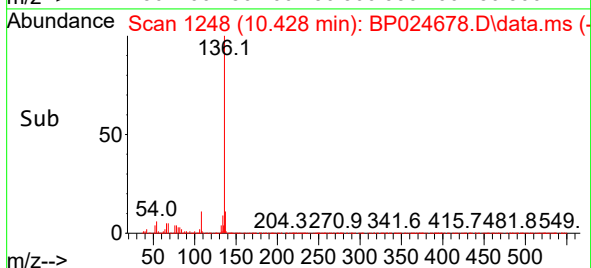
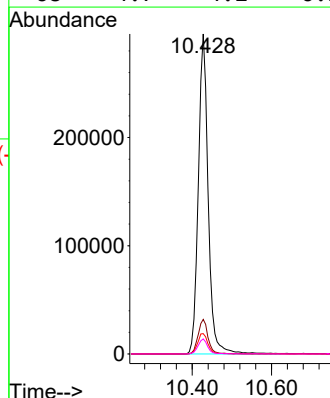
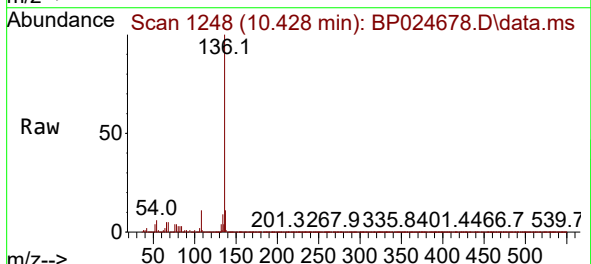
Instrument :
BNA_P
ClientSampleId :
L2-WC-2

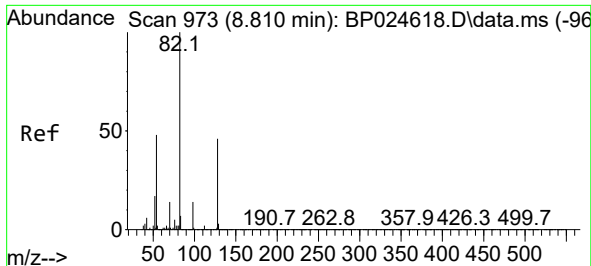
Tgt Ion: 99 Resp: 1274396
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

Tgt Ion:136 Resp: 509353
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.5 8.3
68 4.7 4.2 6.2

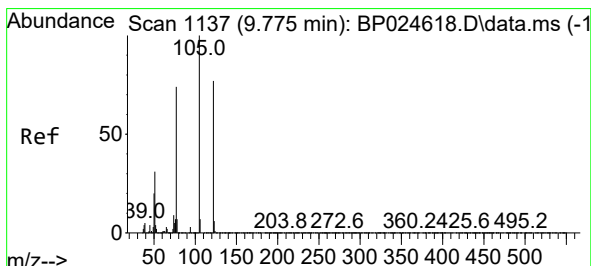
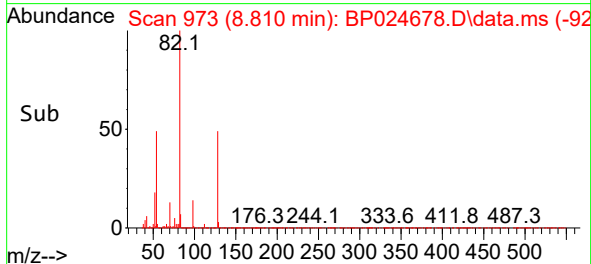
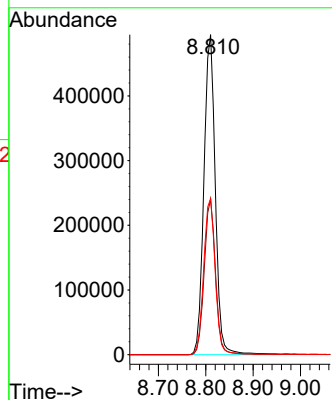
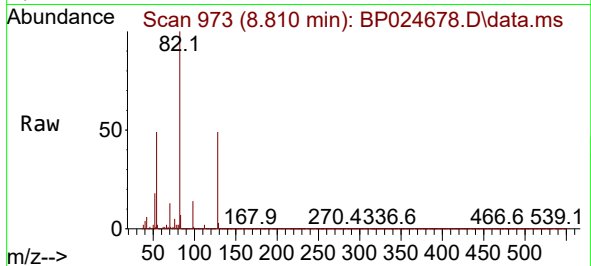




#23
Nitrobenzene-d5
Concen: 82.132 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

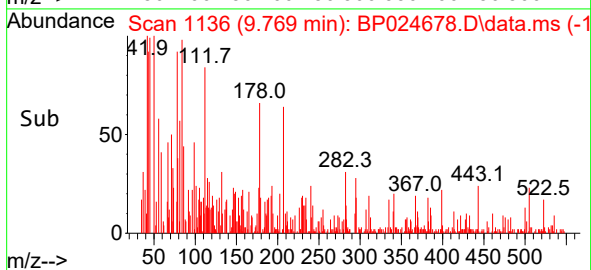
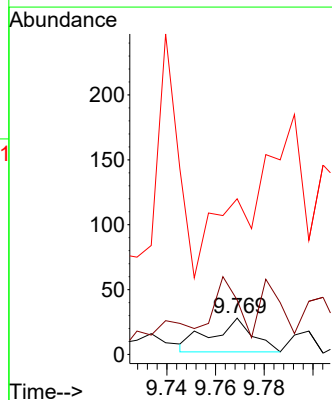
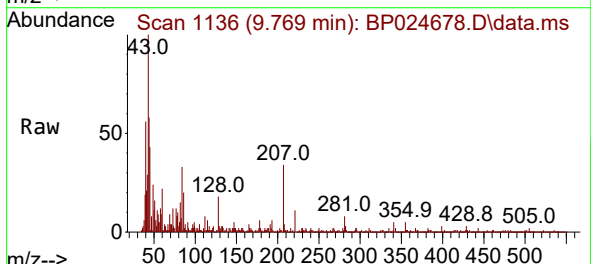
Instrument :
BNA_P
ClientSampleId :
L2-WC-2

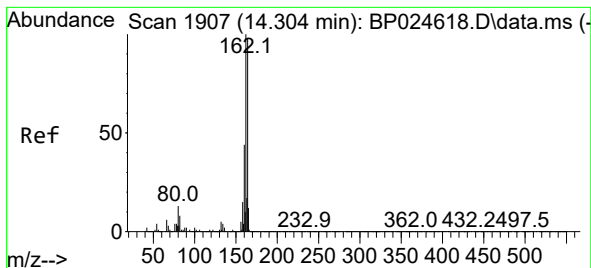
Tgt Ion: 82 Resp: 827970
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 48.8 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

Tgt Ion: 122 Resp: 31
Ion Ratio Lower Upper
122 100
105 150.0 106.9 146.9#
77 428.6 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024678.D

Acq: 17 May 2025 05:58

Instrument :

BNA_P

ClientSampleId :

L2-WC-2

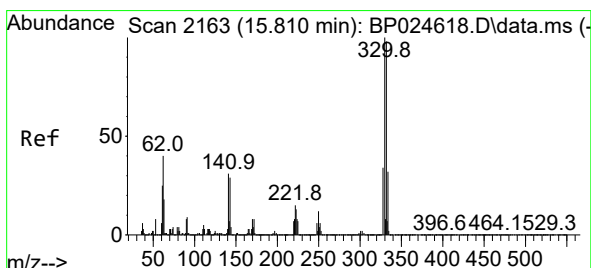
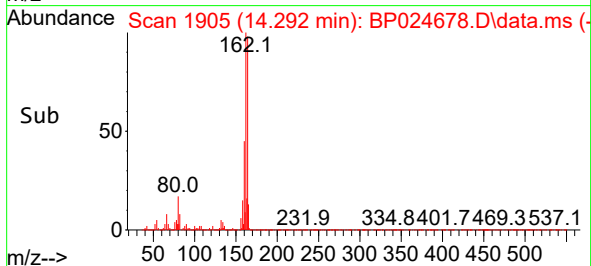
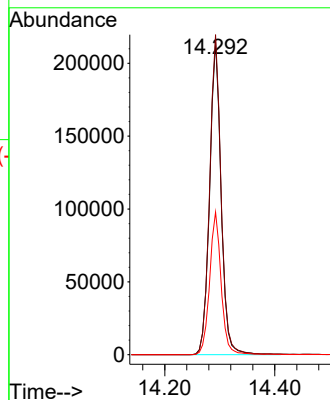
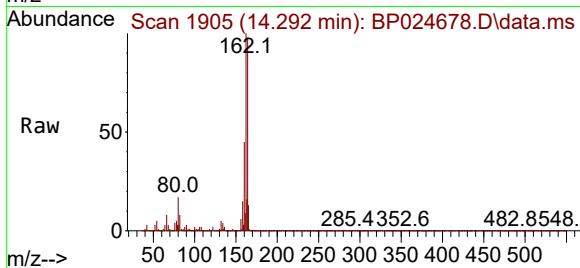
Tgt Ion:164 Resp: 310834

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 45.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 159.367 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024678.D

Acq: 17 May 2025 05:58

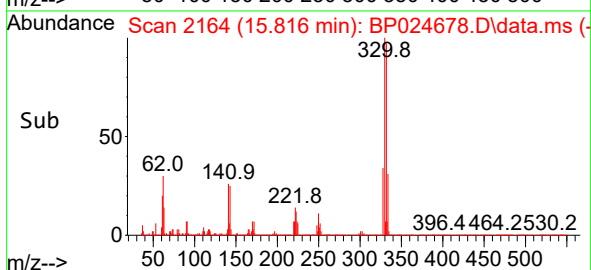
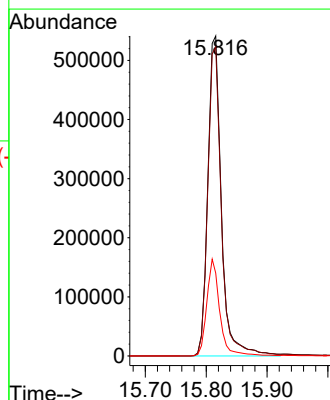
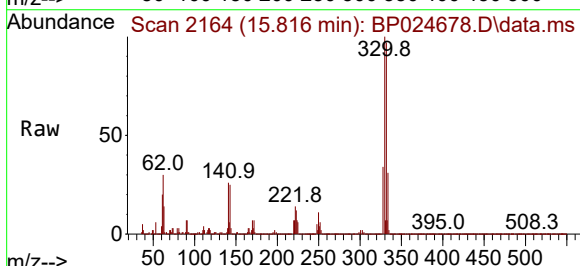
Tgt Ion:330 Resp: 839791

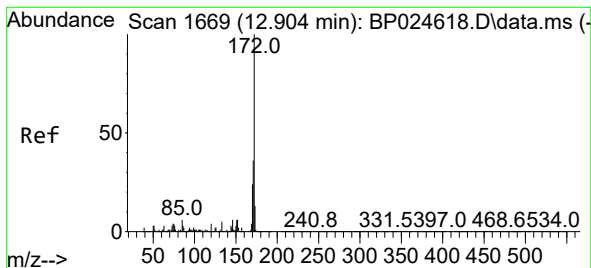
Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 29.0 24.3 36.5

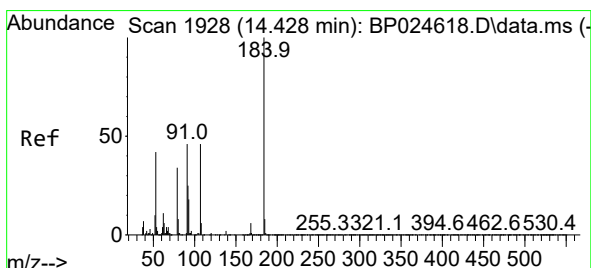
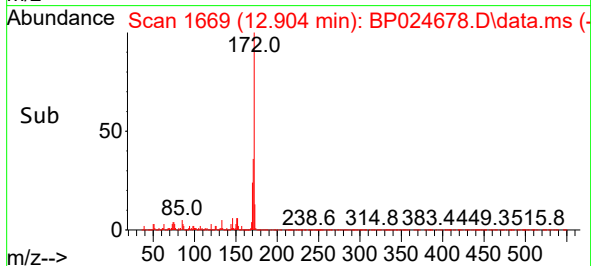
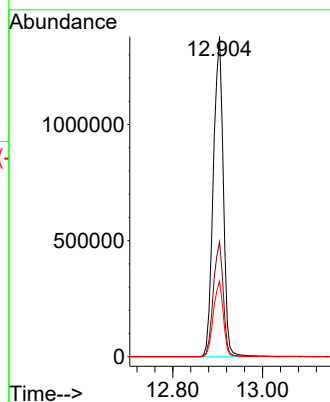
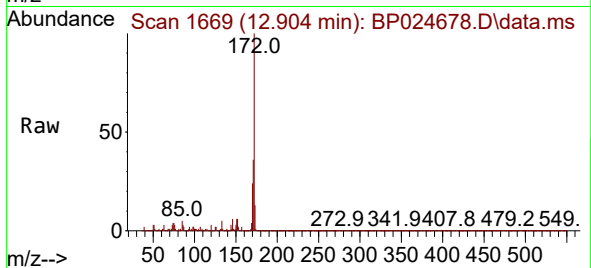




#45
2-Fluorobiphenyl
Concen: 89.738 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

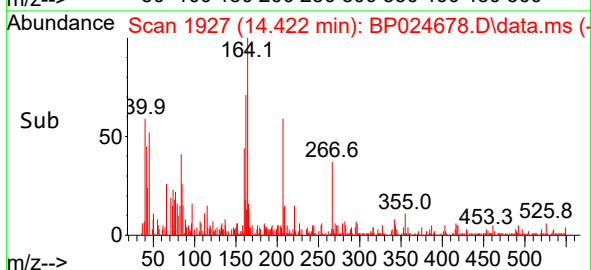
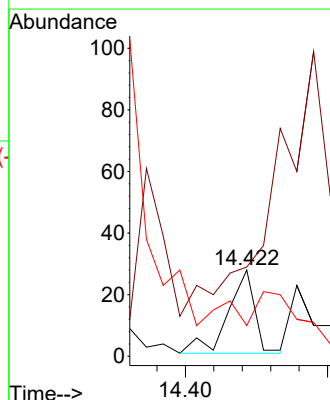
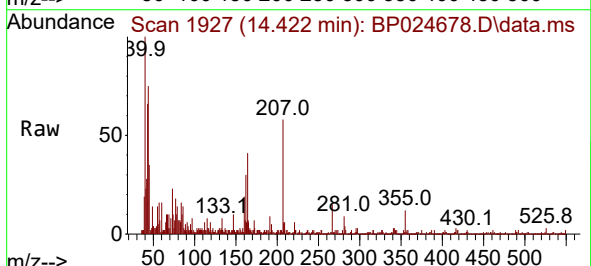
Instrument :
BNA_P
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L2-WC-2

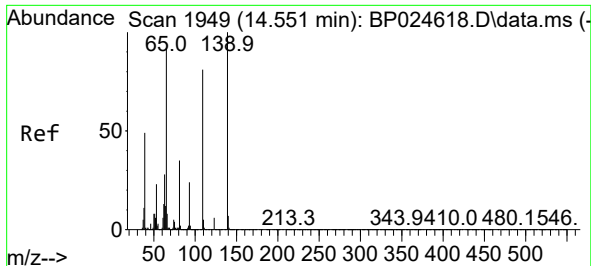
Tgt Ion:172 Resp: 2129093
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.406 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 65.9 51.3 76.9
154 22.7 53.5 80.3#

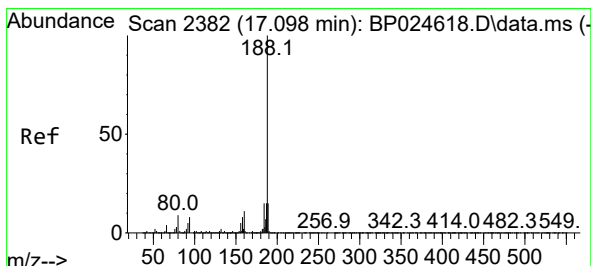
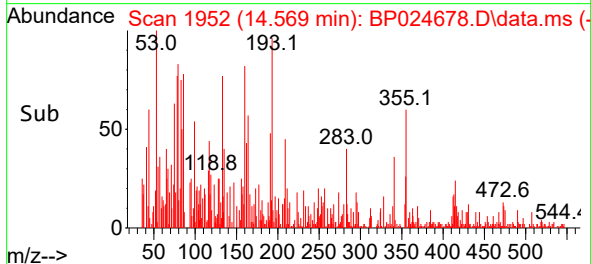
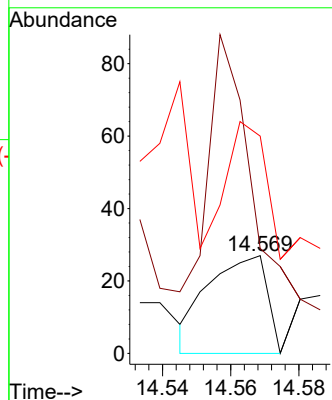
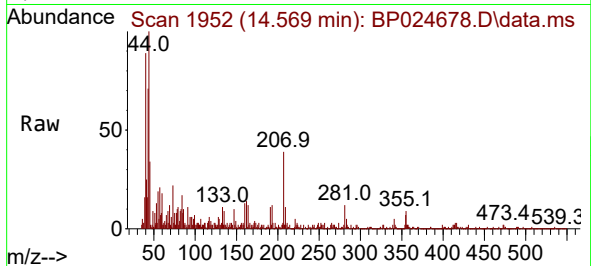




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.569 min Scan# 1949
Delta R.T. 0.018 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

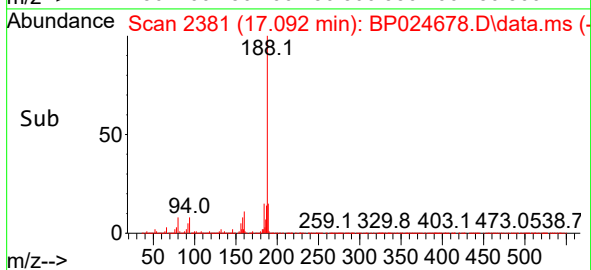
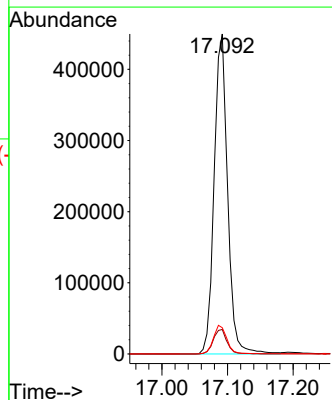
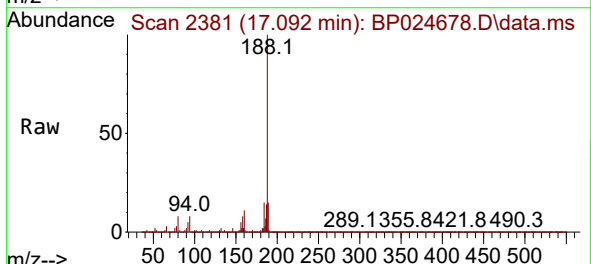
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ClientSampleId :
L2-WC-2

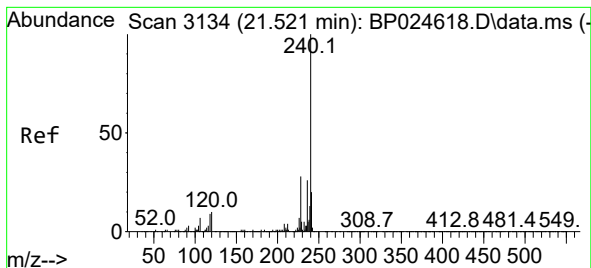
Tgt Ion:139 Resp: 32
Ion Ratio Lower Upper
139 100
109 107.4 61.4 101.4#
65 322.2 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024678.D
Acq: 17 May 2025 05:58

Tgt Ion:188 Resp: 639372
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: 21.515 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024678.D

Acq: 17 May 2025 05:58

Instrument :

BNA_P

ClientSampleId :

L2-WC-2

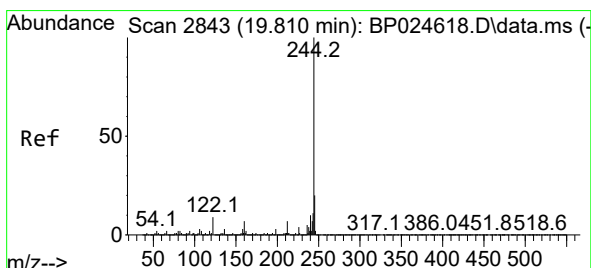
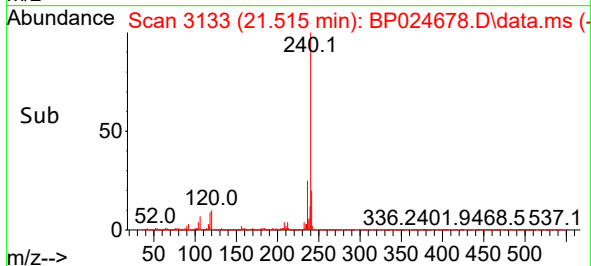
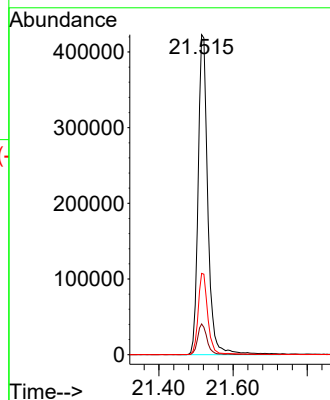
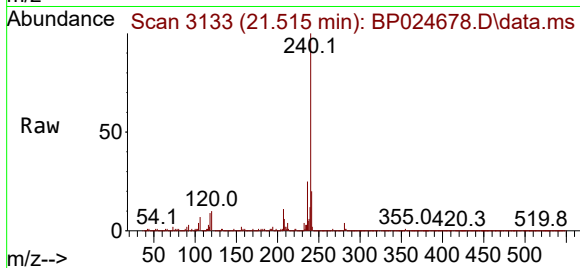
Tgt Ion:240 Resp: 765892

Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.6

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 91.797 ng

RT: 19.821 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024678.D

Acq: 17 May 2025 05:58

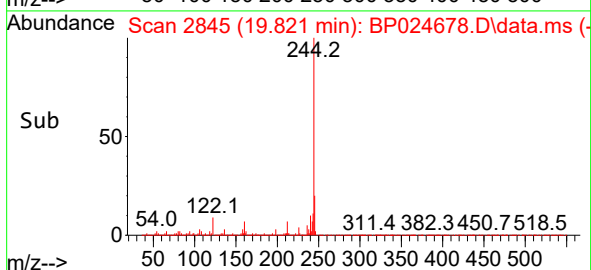
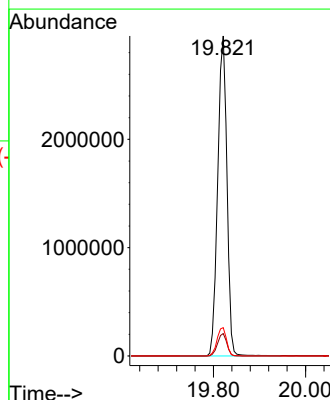
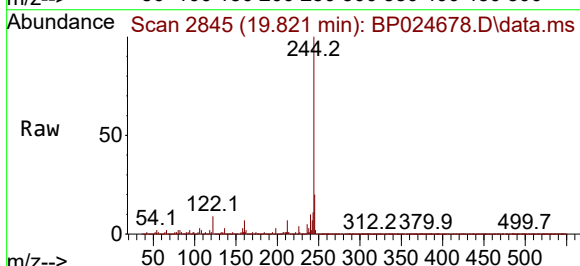
Tgt Ion:244 Resp: 4100251

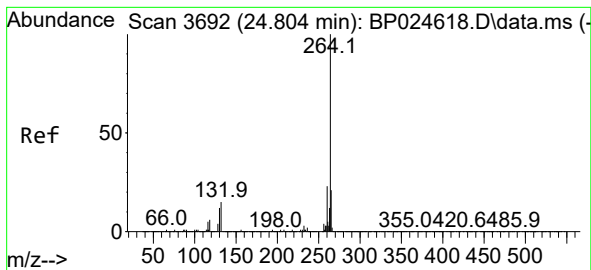
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.9 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP024678.D

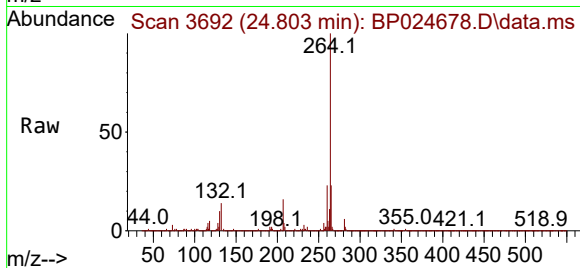
Acq: 17 May 2025 05:58

Instrument :

BNA_P

ClientSampleId :

L2-WC-2



Tgt Ion:264 Resp: 921204

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.6 17.0 25.6

