

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024730.D
 Acq On : 21 May 2025 07:33
 Operator : RC/JU
 Sample : Q2062-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-4

Quant Time: May 21 08:38:48 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)

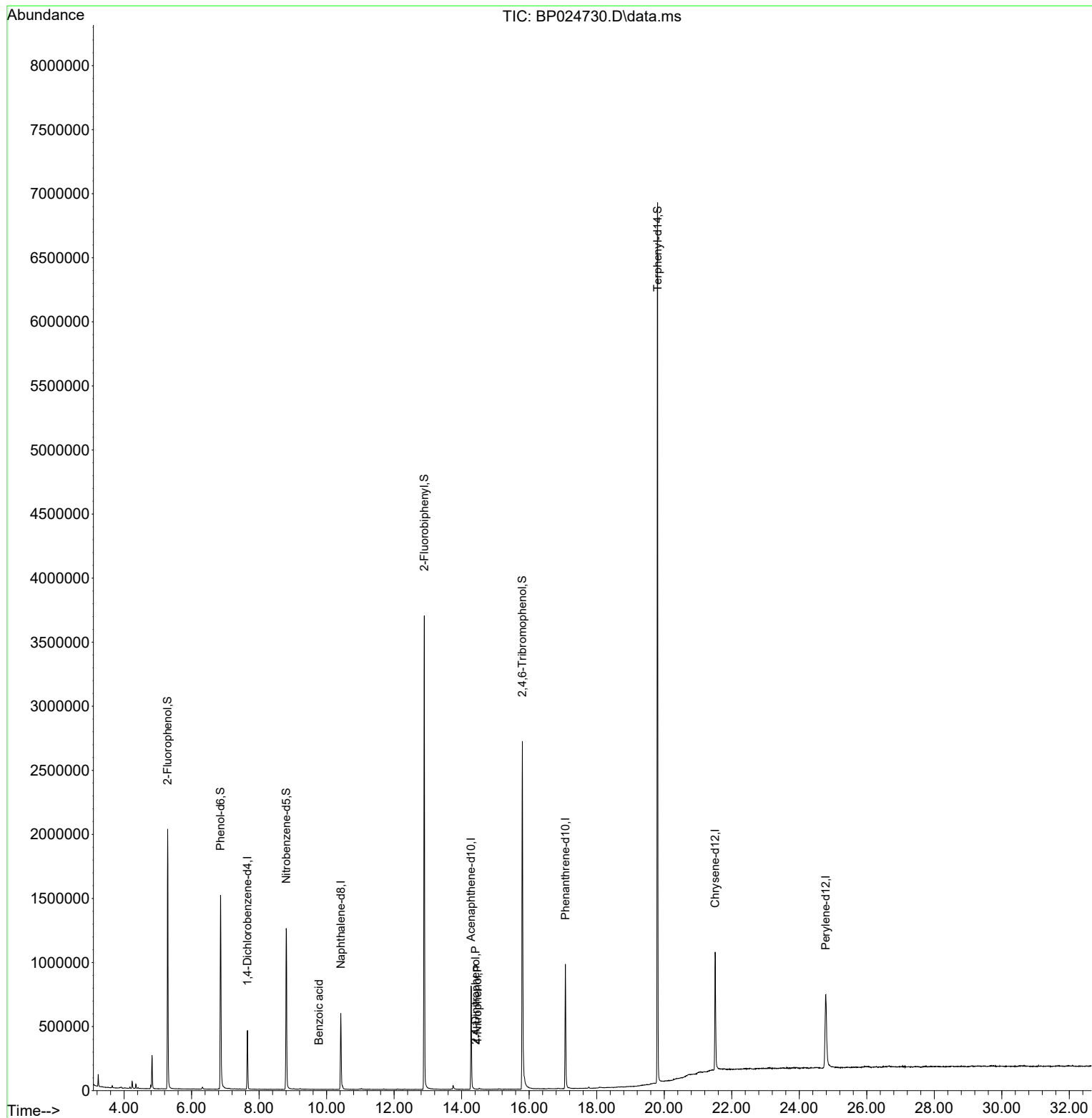
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	128311	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	503133	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	315649	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	624659	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	679728	20.000	ng	-0.01
86) Perylene-d12	24.786	264	775105	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	883695	117.795	ng	0.00
7) Phenol-d6	6.857	99	962726	100.551	ng	0.00
23) Nitrobenzene-d5	8.804	82	723202	72.627	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	769995	143.893	ng	-0.01
45) 2-Fluorobiphenyl	12.892	172	1828699	75.901	ng	-0.01
79) Terphenyl-d14	19.804	244	3454106	87.134	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	28	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.416	184	18	6.406	ng	# 1
56) 4-Nitrophenol	14.469	139	10	4.236	ng	97

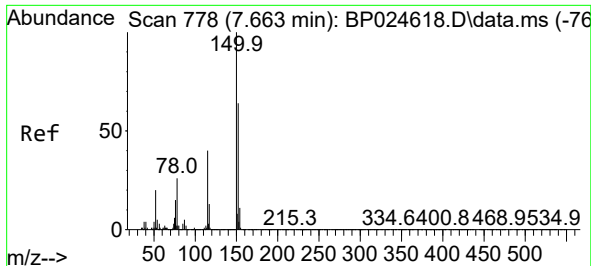
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
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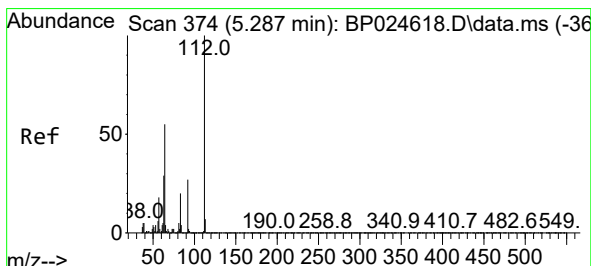
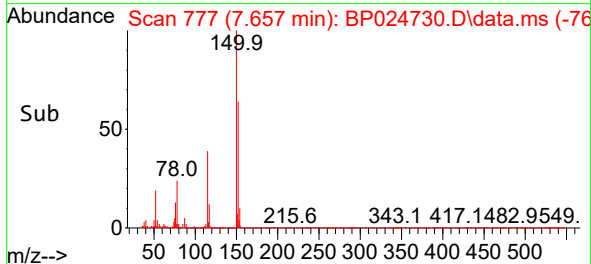
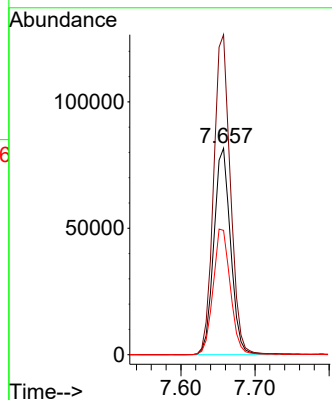
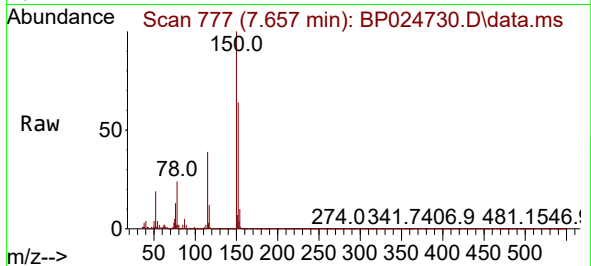




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

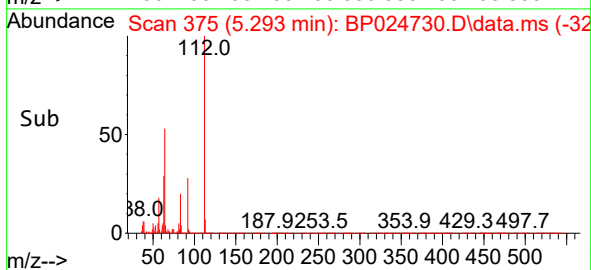
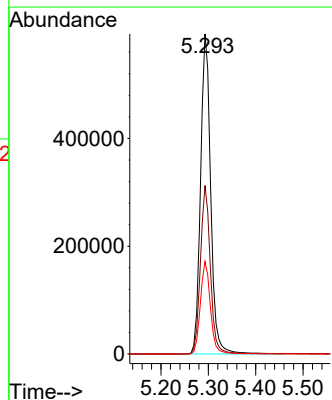
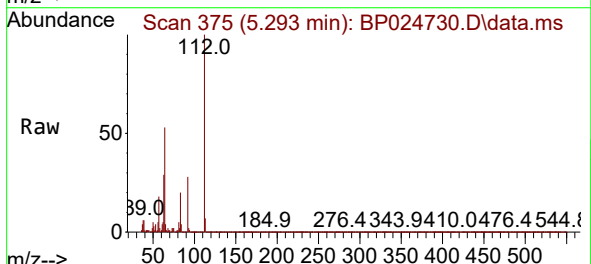
Instrument :
BNA_P
ClientSampleId :
L1-WC-4

Tgt Ion:152 Resp: 128311
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 117.795 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

Tgt Ion:112 Resp: 883695
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 28.9 23.5 35.3

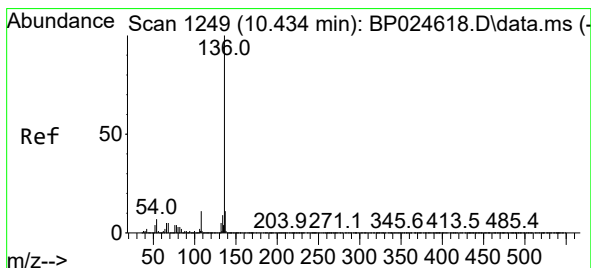
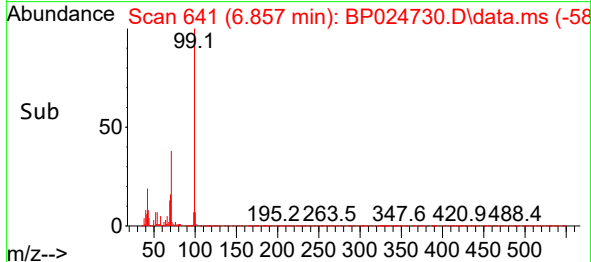
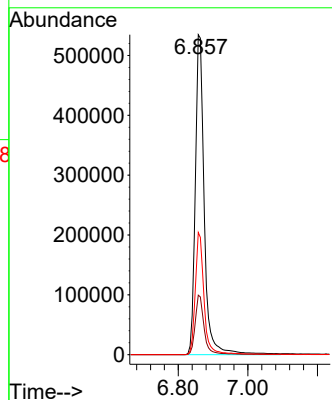
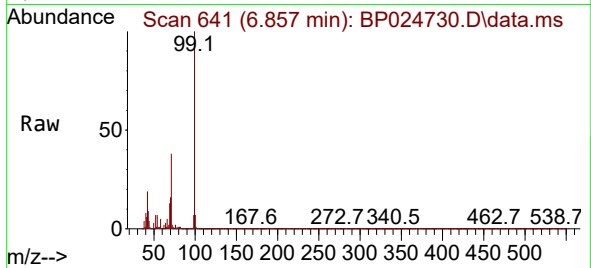




#7
Phenol-d6
Concen: 100.551 ng
RT: 6.857 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

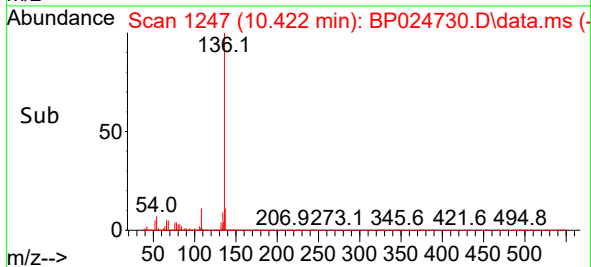
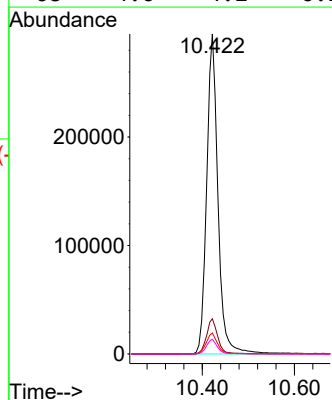
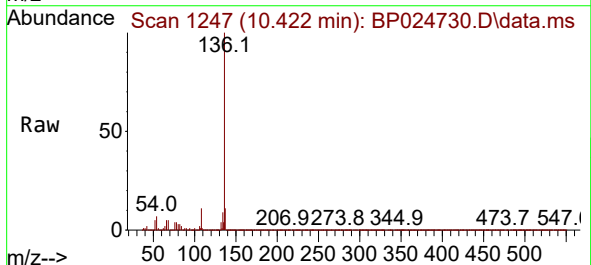
Instrument :
BNA_P
ClientSampleId :
L1-WC-4

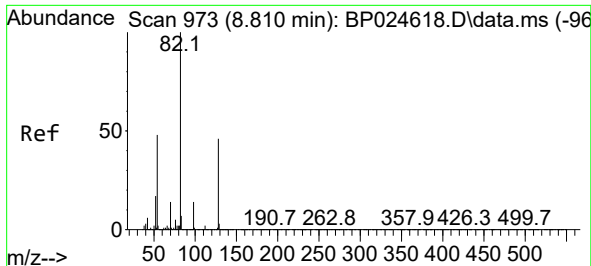
Tgt Ion: 99 Resp: 962726
Ion Ratio Lower Upper
99 100
42 18.6 14.4 21.6
71 38.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

Tgt Ion: 136 Resp: 503133
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.5 8.3
68 4.6 4.2 6.2

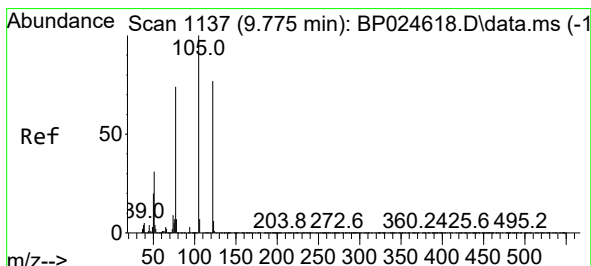
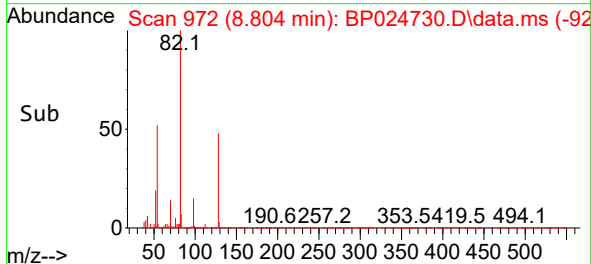
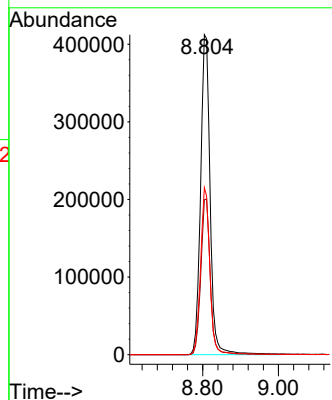
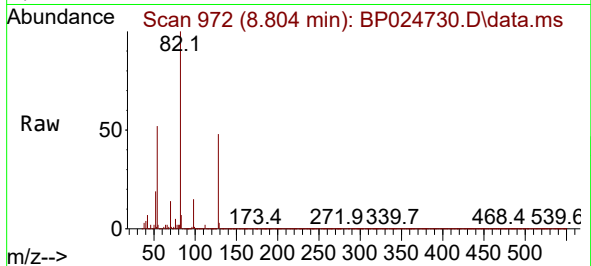




#23
Nitrobenzene-d5
Concen: 72.627 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

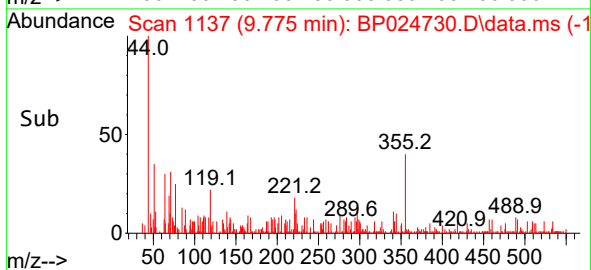
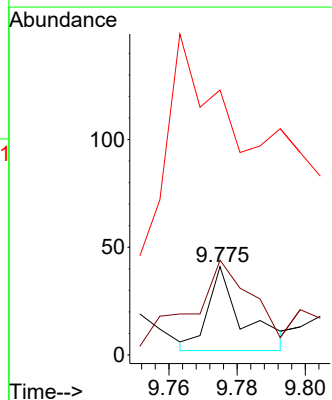
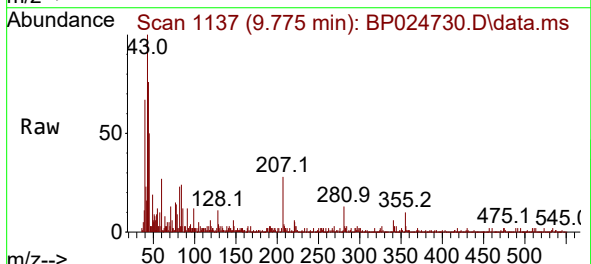
Instrument :
BNA_P
ClientSampleId :
L1-WC-4

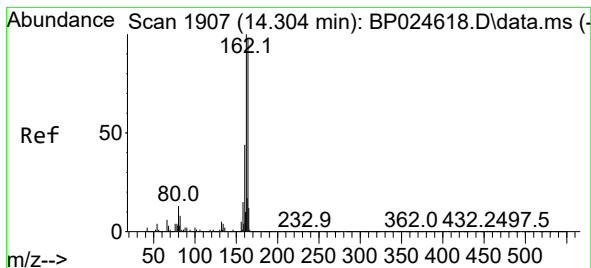
Tgt Ion: 82 Resp: 723202
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 52.2 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 107.3 106.9 146.9
77 300.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.024 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

Instrument :

BNA_P

ClientSampleId :

L1-WC-4

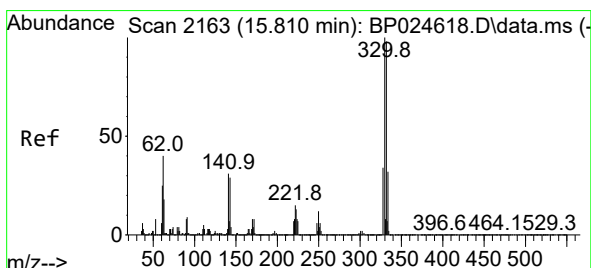
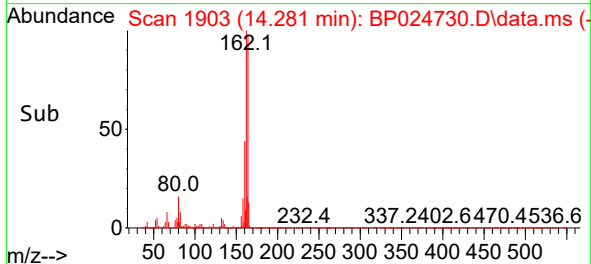
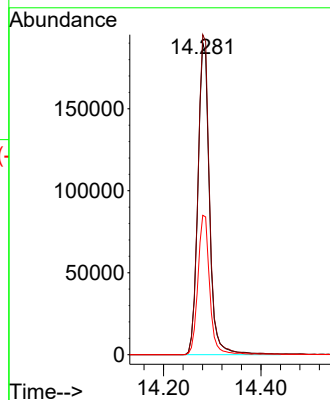
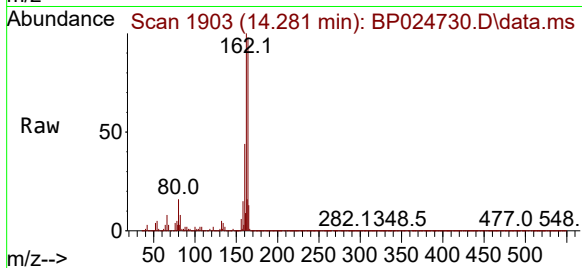
Tgt Ion:164 Resp: 315649

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 44.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 143.893 ng

RT: 15.798 min Scan# 2161

Delta R.T. -0.012 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

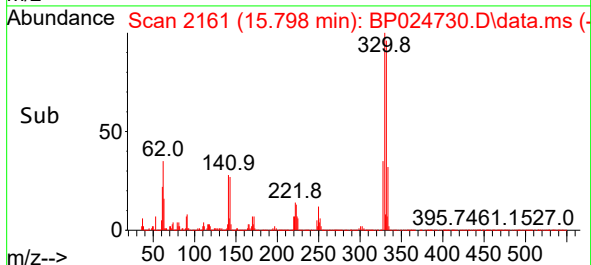
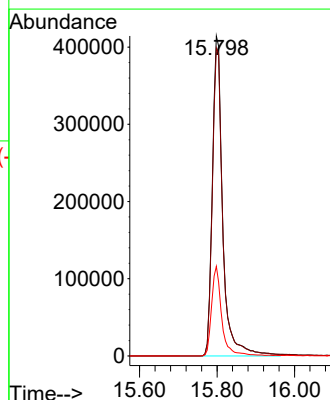
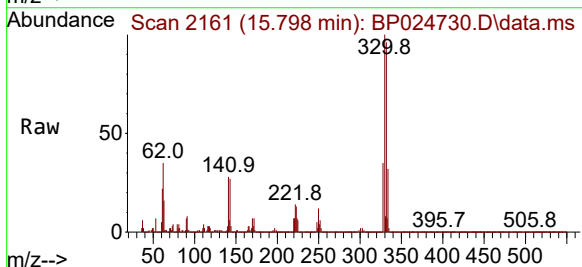
Tgt Ion:330 Resp: 769995

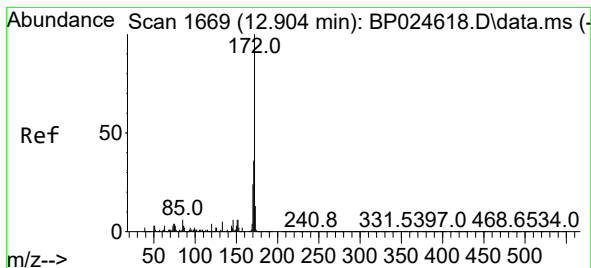
Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 27.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.901 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

Instrument :

BNA_P

ClientSampleId :

L1-WC-4

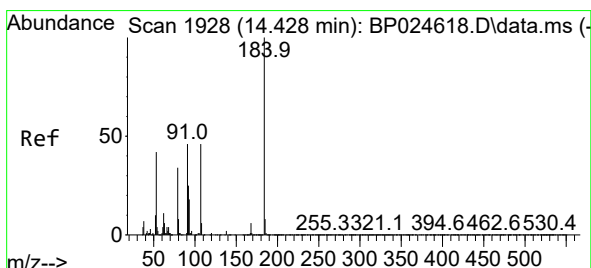
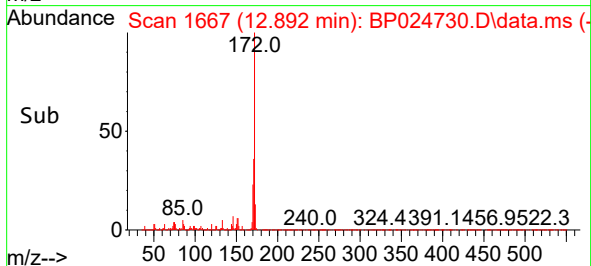
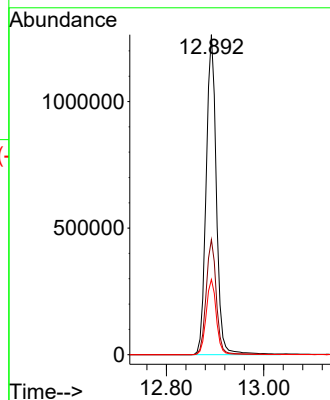
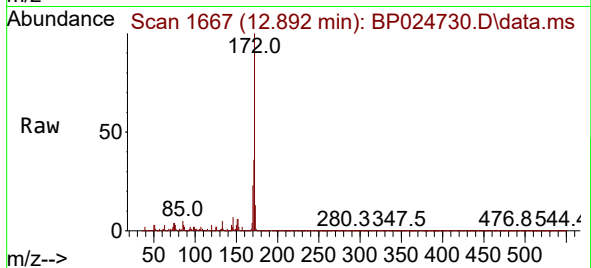
Tgt Ion:172 Resp: 1828699

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.406 ng

RT: 14.416 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

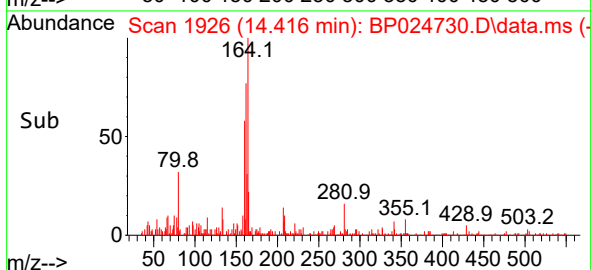
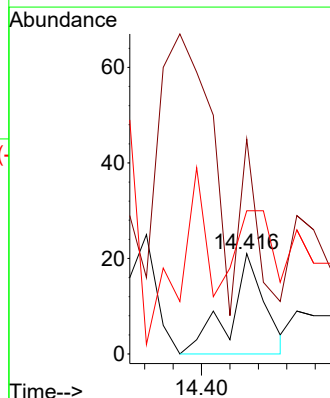
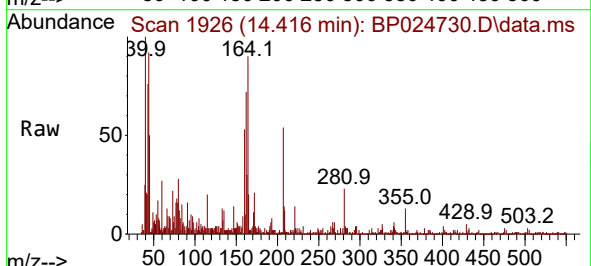
Tgt Ion:184 Resp: 18

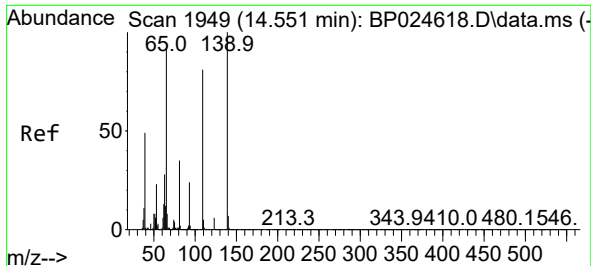
Ion Ratio Lower Upper

184 100

63 214.3 51.3 76.9#

154 142.9 53.5 80.3#

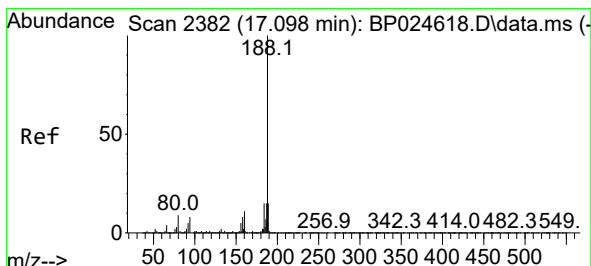
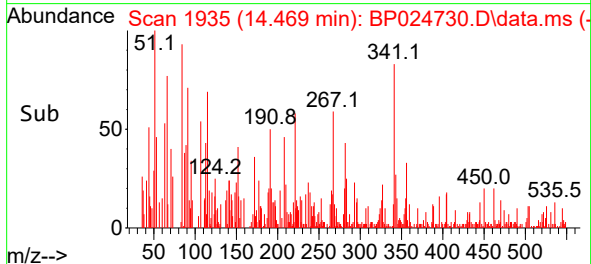
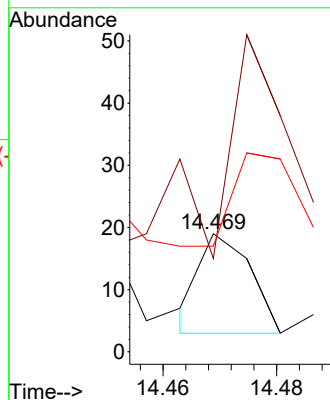
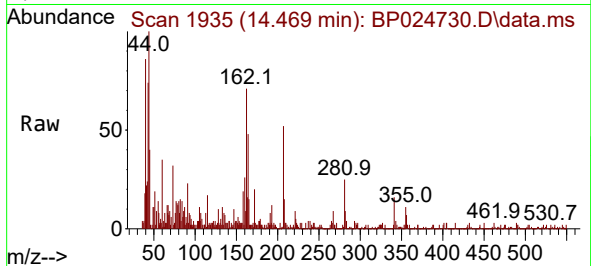




#56
4-Nitrophenol
Concen: 4.236 ng
RT: 14.469 min Scan# 1949
Delta R.T. -0.082 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

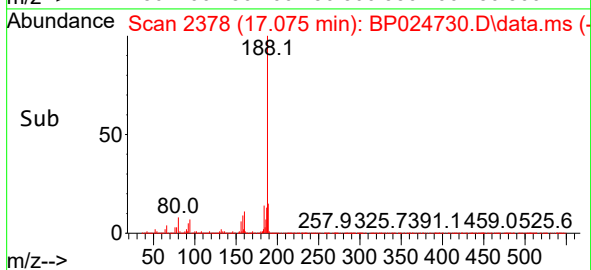
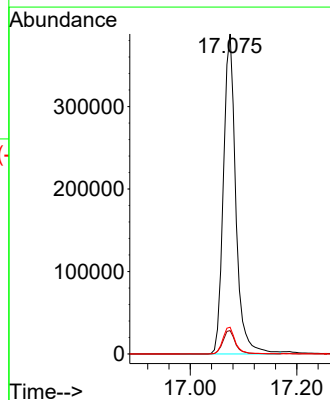
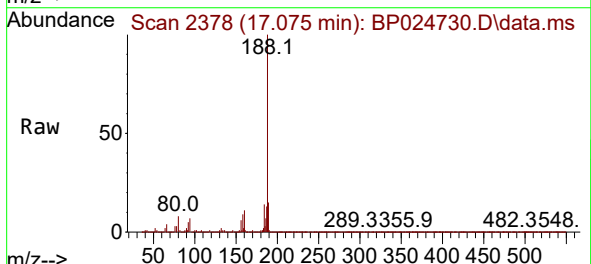
Instrument :
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L1-WC-4

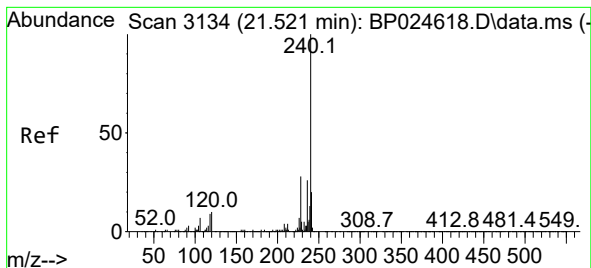
Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 78.9 61.4 101.4
65 89.5 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.024 min
Lab File: BP024730.D
Acq: 21 May 2025 07:33

Tgt Ion:188 Resp: 624659
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

Instrument :

BNA_P

ClientSampleId :

L1-WC-4

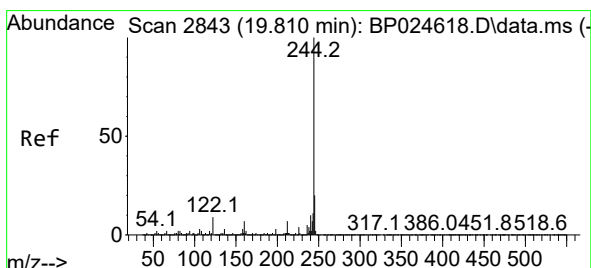
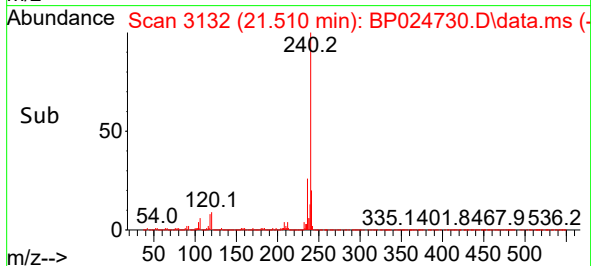
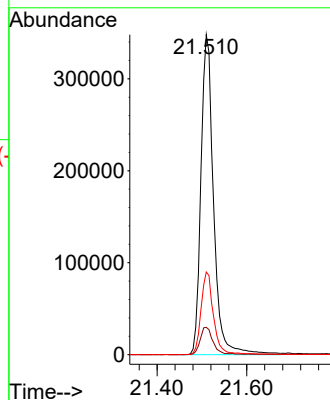
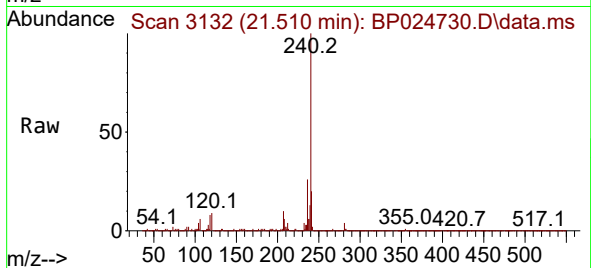
Tgt Ion:240 Resp: 679728

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 87.134 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024730.D

Acq: 21 May 2025 07:33

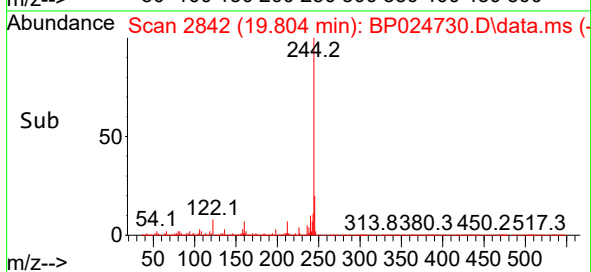
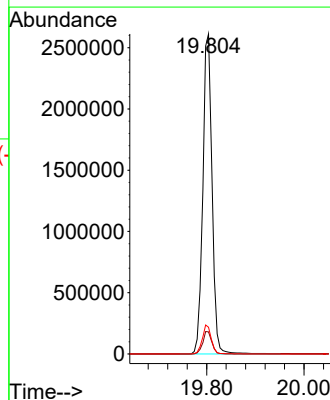
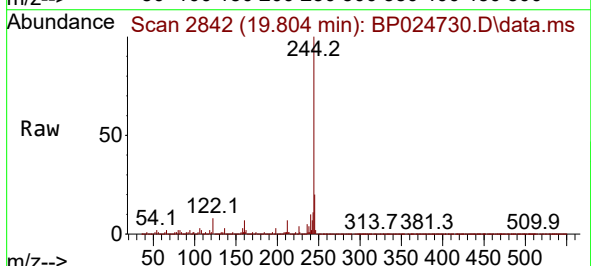
Tgt Ion:244 Resp: 3454106

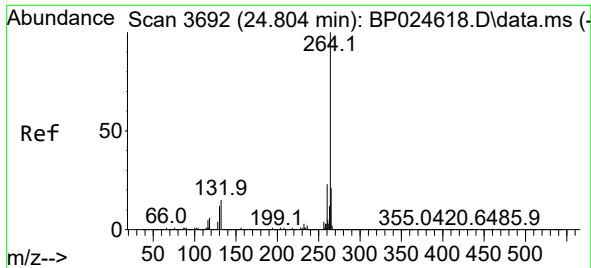
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.4 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.786 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BP024730.D
 Acq: 21 May 2025 07:33

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-4

Tgt Ion:264 Resp: 775105
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.4 17.0 25.6

