

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024664.D
 Acq On : 16 May 2025 19:41
 Operator : RC/JU
 Sample : Q2019-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-K

Quant Time: May 17 00:46:15 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)

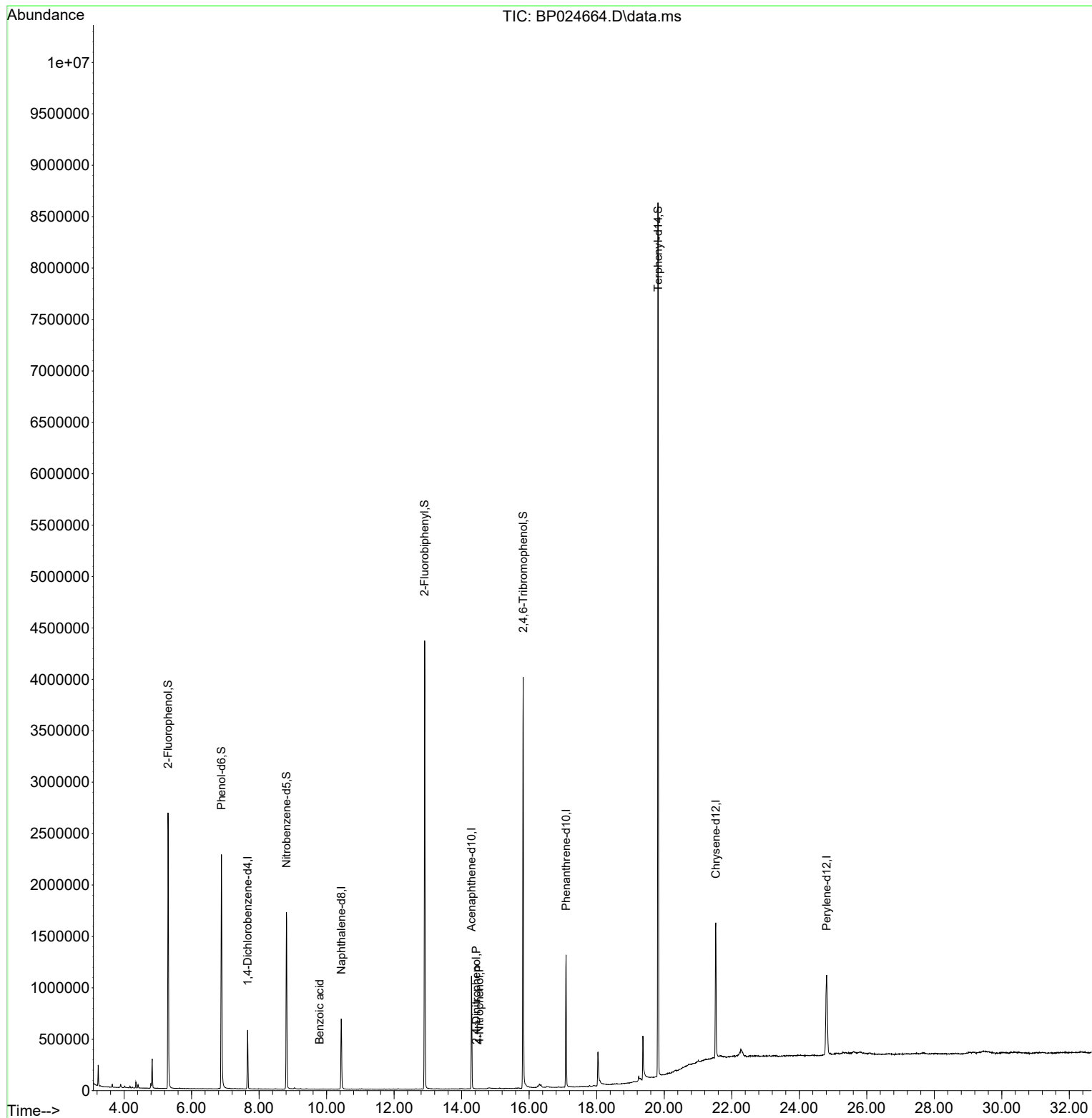
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	148753	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	576860	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	356126	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	741641	20.000	ng	0.00
76) Chrysene-d12	21.527	240	845508	20.000	ng	0.00
86) Perylene-d12	24.810	264	986088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1220276	140.308	ng	0.02
7) Phenol-d6	6.887	99	1492815	134.489	ng	0.04
23) Nitrobenzene-d5	8.810	82	978371	85.694	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	925790	153.343	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2299919	84.610	ng	0.00
79) Terphenyl-d14	19.816	244	4243550	86.059	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.793	122	62	7.477	ng	# 70
54) 2,4-Dinitrophenol	14.434	184	12	6.404	ng	# 14
56) 4-Nitrophenol	14.522	139	33	4.240	ng	# 11

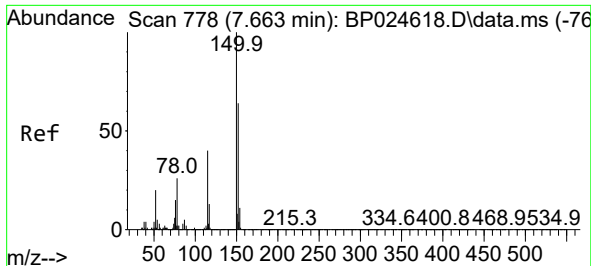
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP024664.D
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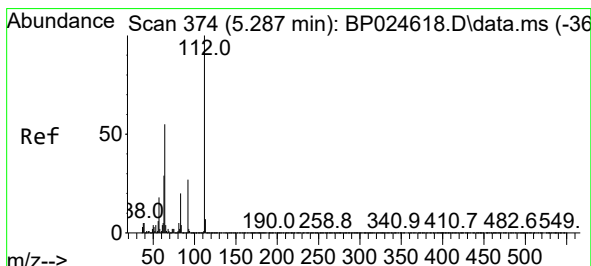
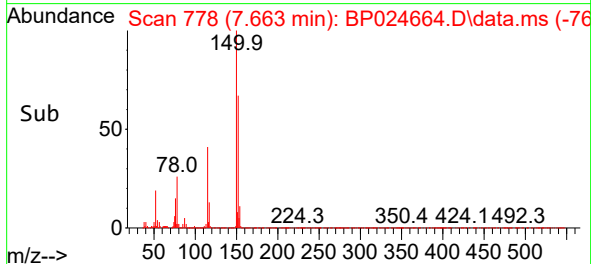
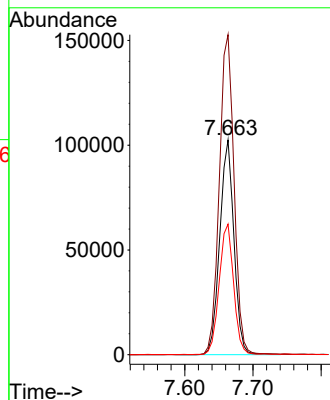
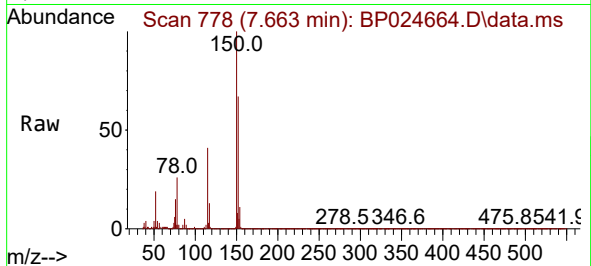




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

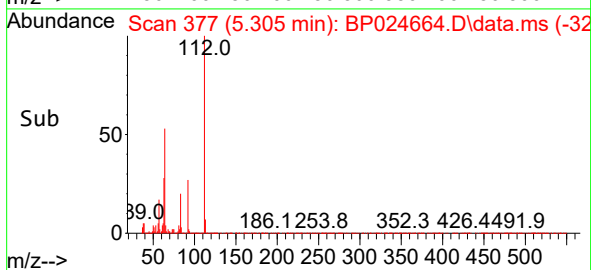
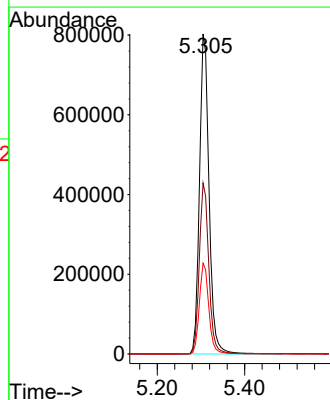
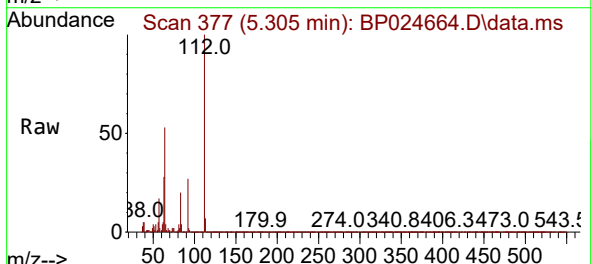
Instrument :
BNA_P
ClientSampleId :
MH-K

Tgt Ion:152 Resp: 148753
Ion Ratio Lower Upper
152 100
150 149.0 125.9 188.9
115 60.8 50.1 75.1



#5
2-Fluorophenol
Concen: 140.308 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.018 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:112 Resp: 1220276
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.4 23.5 35.3

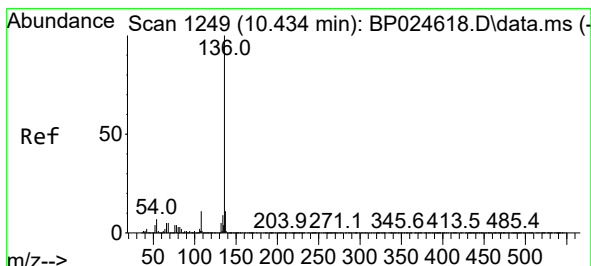
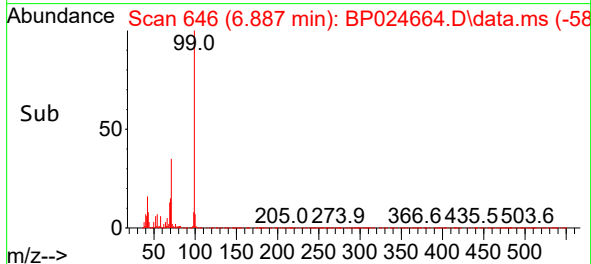
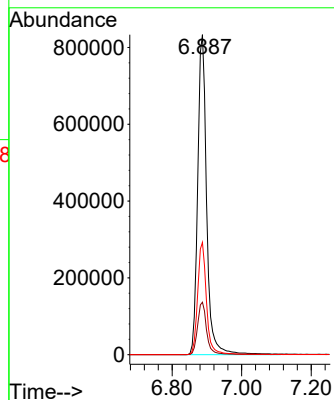
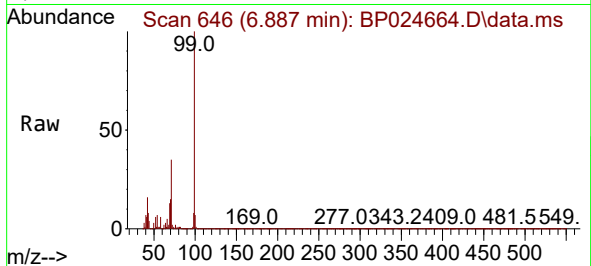




#7
Phenol-d6
Concen: 134.489 ng
RT: 6.887 min Scan# 640
Delta R.T. 0.035 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

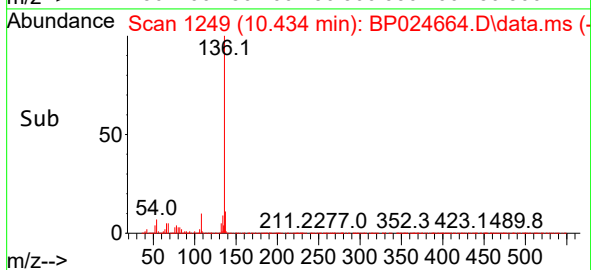
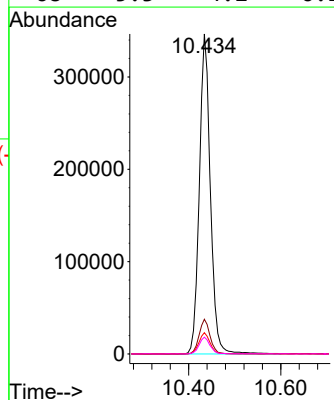
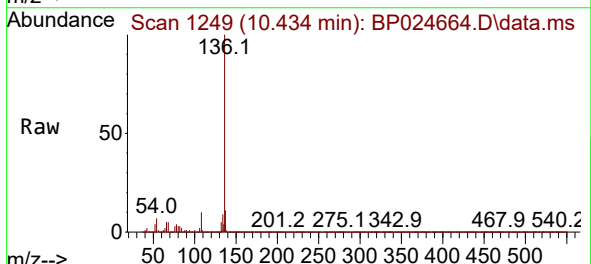
Instrument :
BNA_P
ClientSampleId :
MH-K

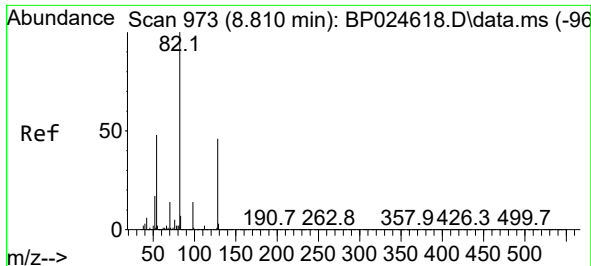
Tgt Ion: 99 Resp: 1492815
Ion Ratio Lower Upper
99 100
42 16.4 14.4 21.6
71 35.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:136 Resp: 576860
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.5 8.3
68 5.3 4.2 6.2

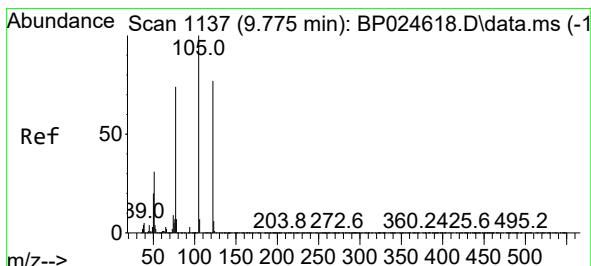
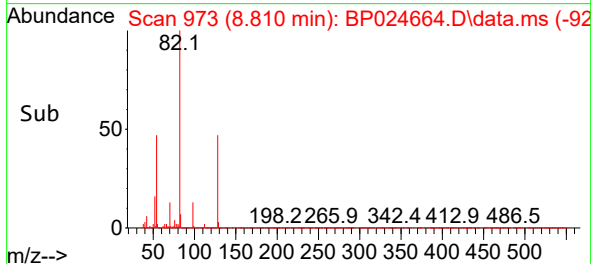
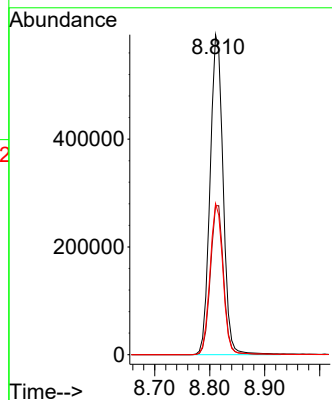
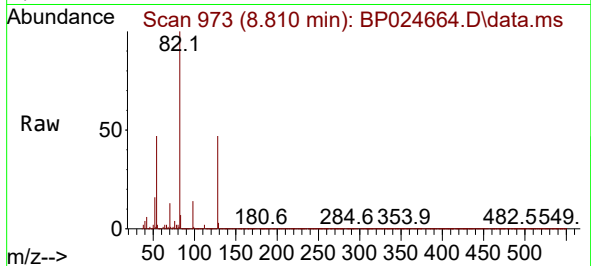




#23
Nitrobenzene-d5
Concen: 85.694 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

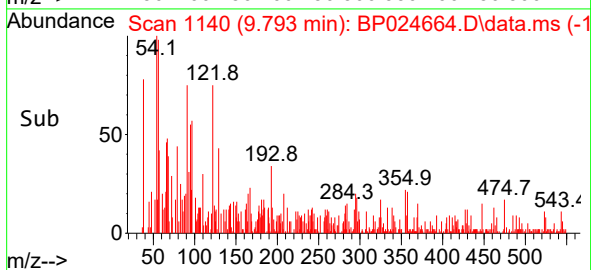
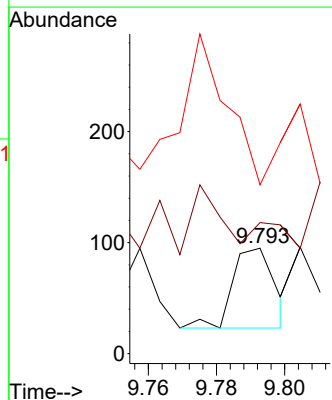
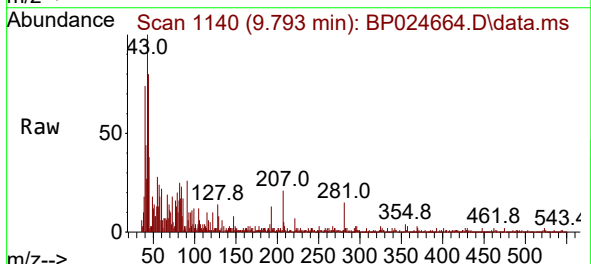
Instrument :
BNA_P
ClientSampleId :
MH-K

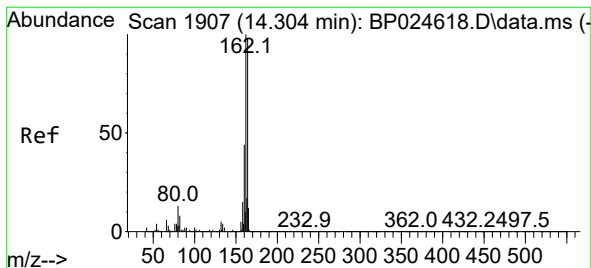
Tgt Ion: 82 Resp: 978371
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 47.2 38.7 58.1



#32
Benzoic acid
Concen: 7.477 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.018 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 124.2 106.9 146.9
77 160.0 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: BP024664.D

Acq: 16 May 2025 19:41

Instrument :

BNA_P

ClientSampleId :

MH-K

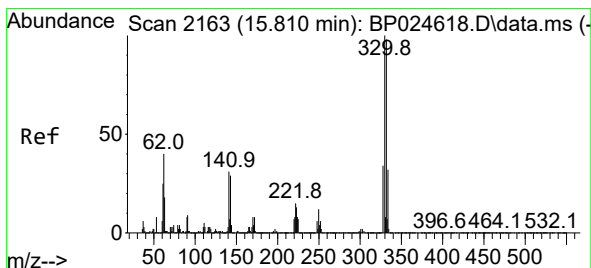
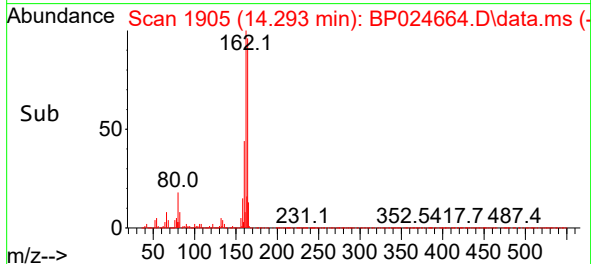
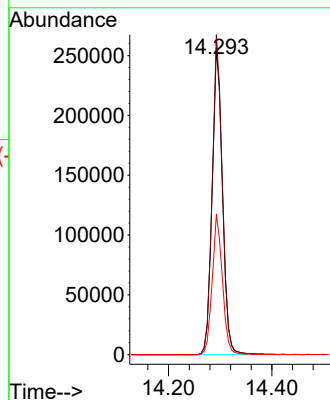
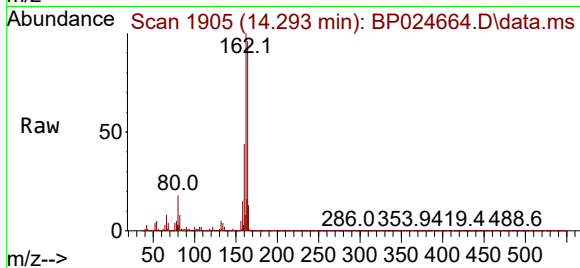
Tgt Ion:164 Resp: 356126

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 153.343 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024664.D

Acq: 16 May 2025 19:41

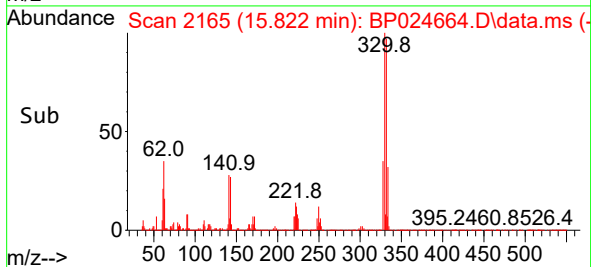
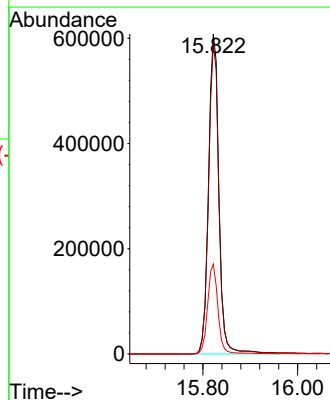
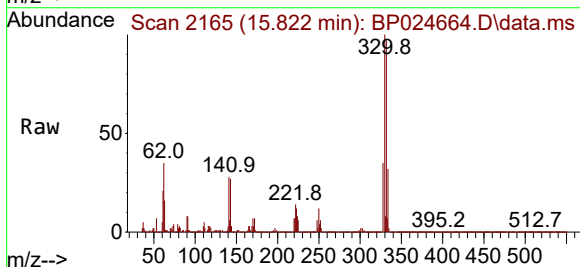
Tgt Ion:330 Resp: 925790

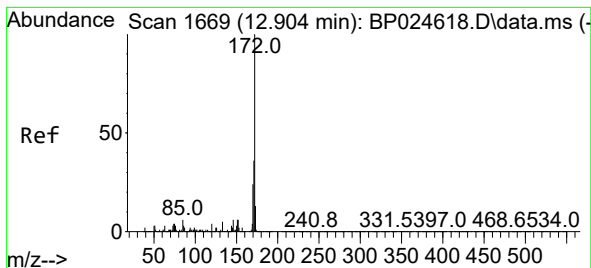
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 28.0 24.3 36.5

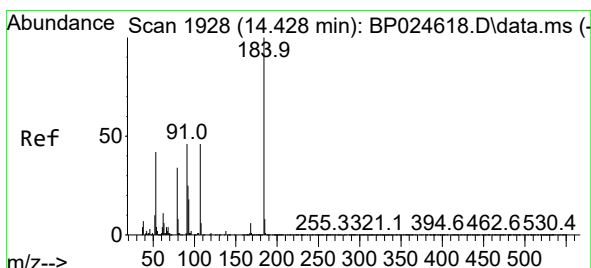
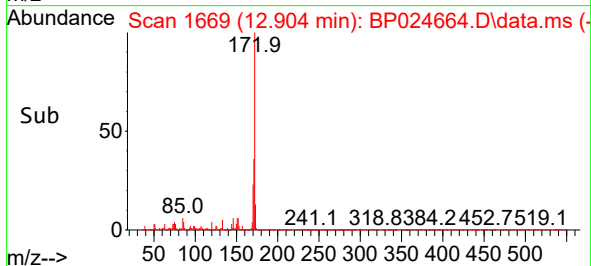
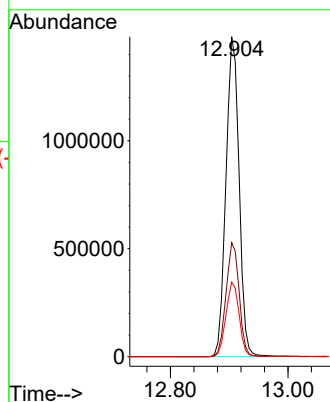
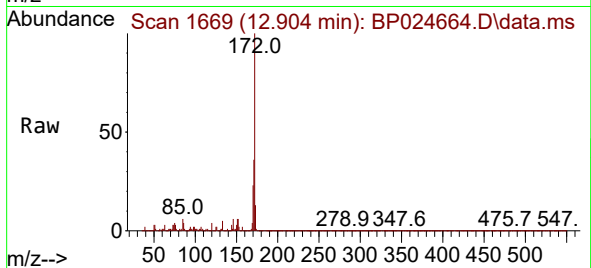




#45
2-Fluorobiphenyl
Concen: 84.610 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

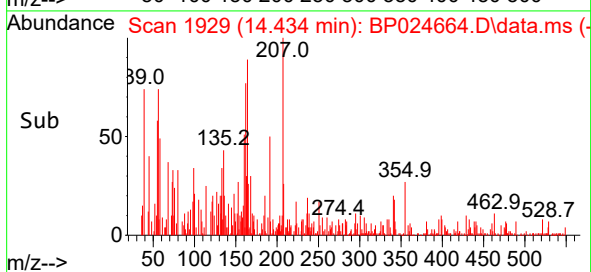
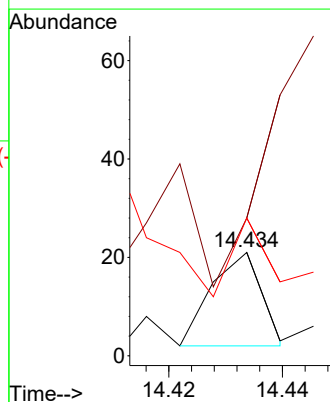
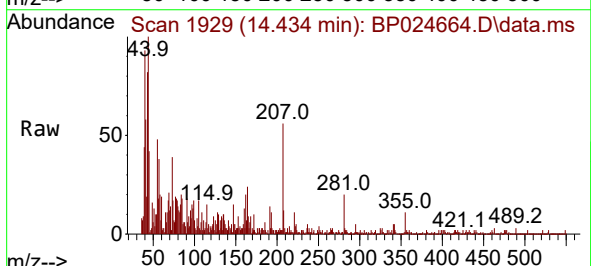
Instrument :
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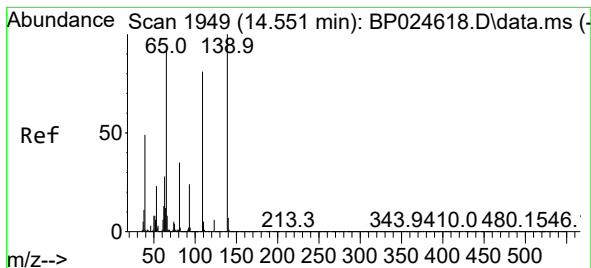
Tgt Ion:172 Resp: 2299919
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 133.3 51.3 76.9#
154 133.3 53.5 80.3#

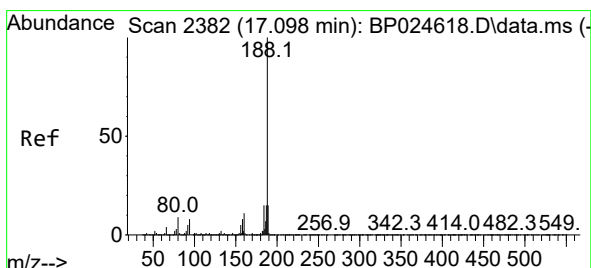
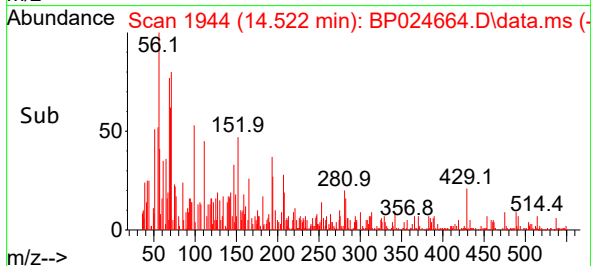
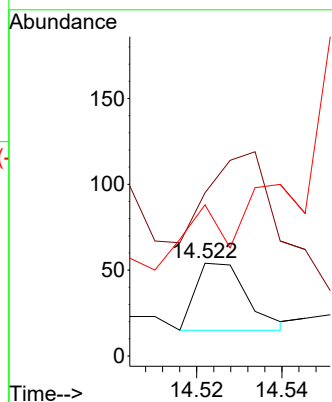
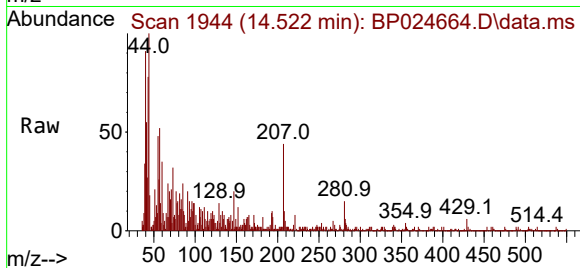




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

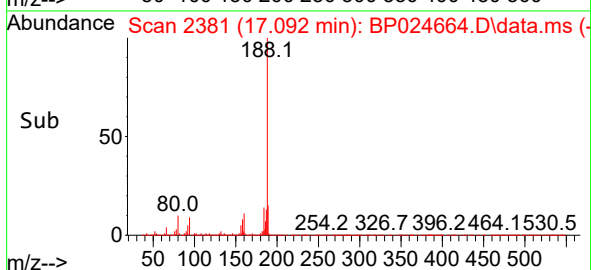
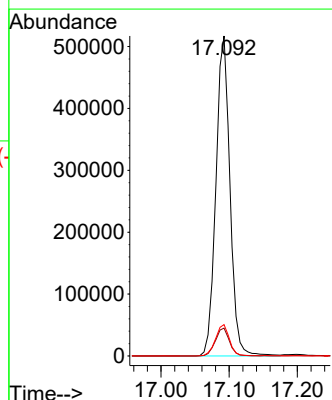
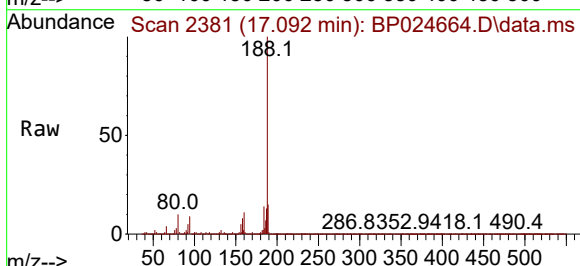
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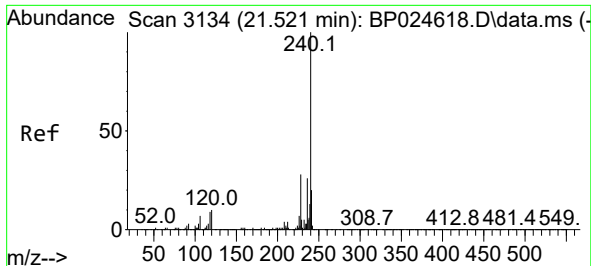
Tgt Ion:139 Resp: 33
Ion Ratio Lower Upper
139 100
109 175.9 61.4 101.4#
65 163.0 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:188 Resp: 741641
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 9.8 7.3 10.9

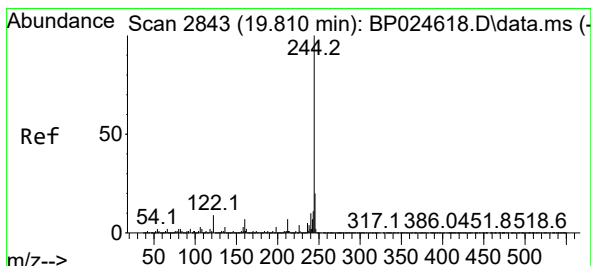
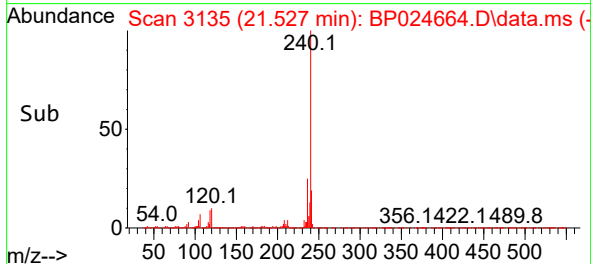
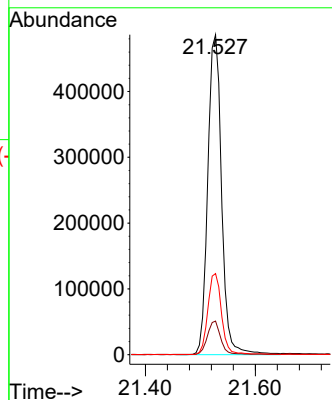
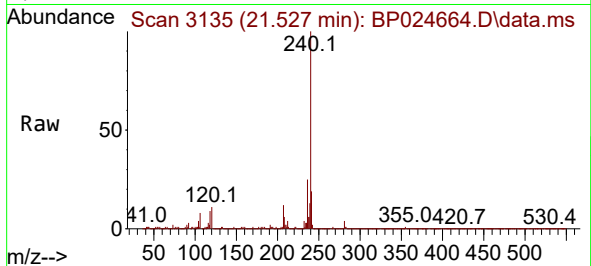




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

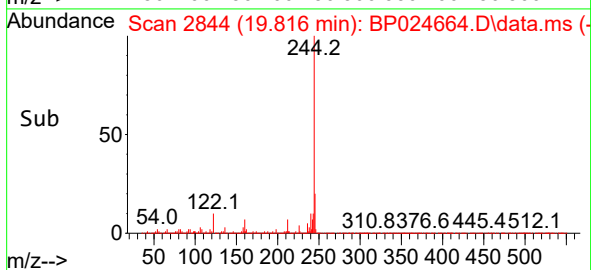
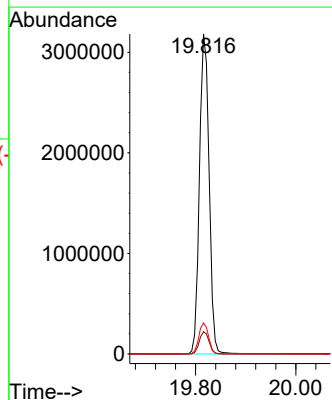
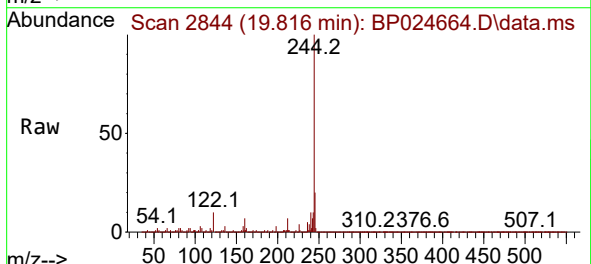
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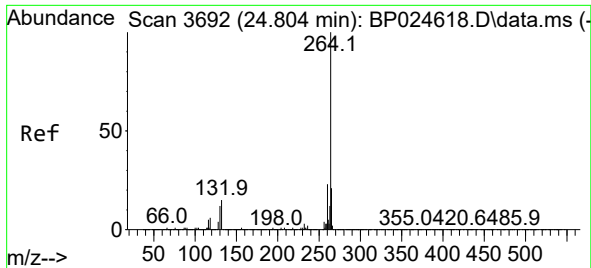
Tgt Ion:240 Resp: 845508
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 86.059 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Tgt Ion:244 Resp: 4243550
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.7 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP024664.D
Acq: 16 May 2025 19:41

Instrument :
BNA_P
ClientSampleId :
MH-K

Tgt Ion:264 Resp: 986088
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.3 17.0 25.6

