

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024661.D
 Acq On : 16 May 2025 17:39
 Operator : RC/JU
 Sample : Q1993-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-20250508

Quant Time: May 16 17:59:58 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)

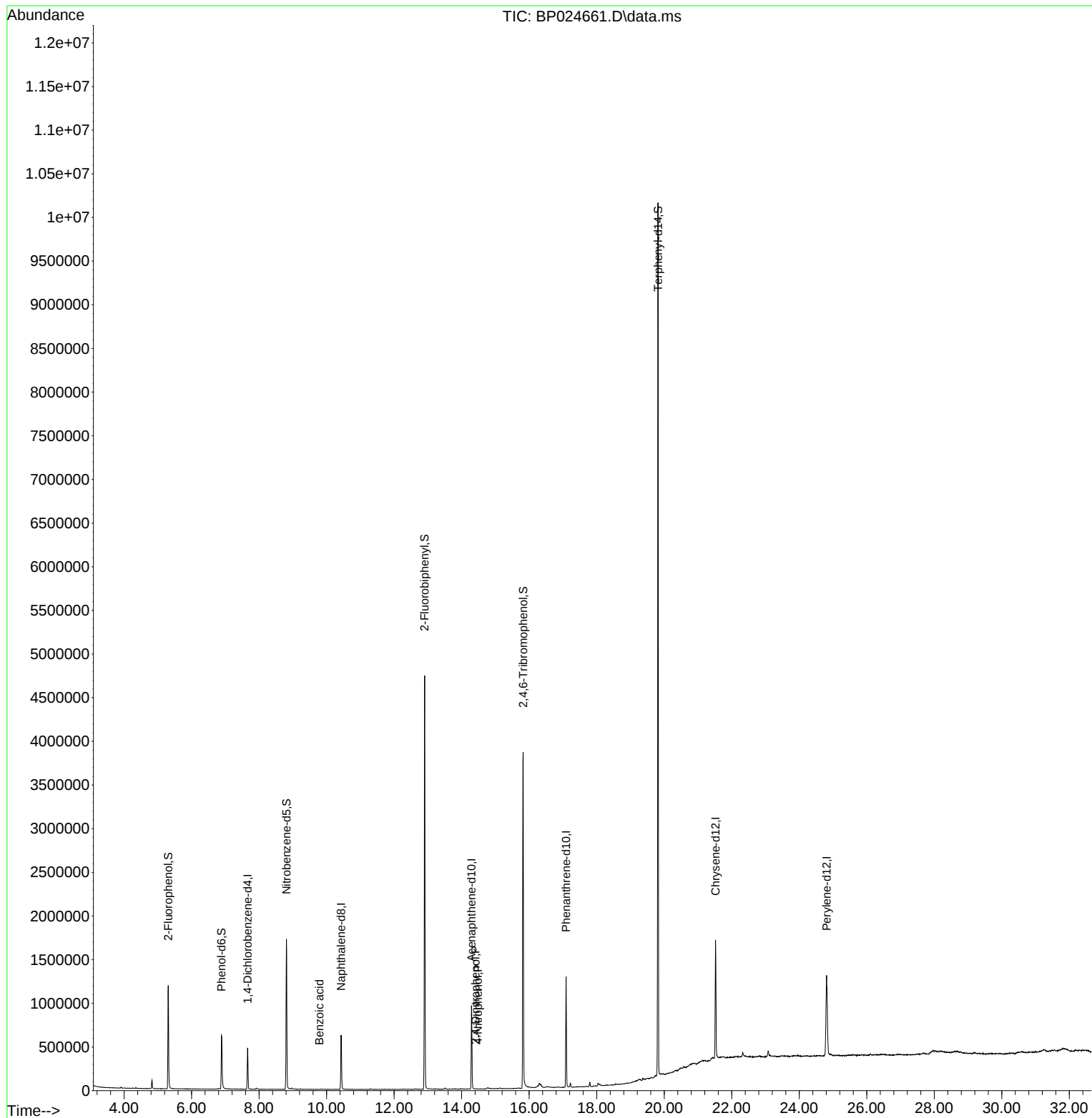
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	131811	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	533983	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	349924	20.000	ng	-0.01
64) Phenanthrene-d10	17.093	188	715145	20.000	ng	0.00
76) Chrysene-d12	21.522	240	845865	20.000	ng	0.00
86) Perylene-d12	24.810	264	1027172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	560972	72.791	ng	0.02
7) Phenol-d6	6.887	99	435239	44.251	ng	0.04
23) Nitrobenzene-d5	8.811	82	963623	91.180	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	944938	159.289	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2347051	87.874	ng	0.00
79) Terphenyl-d14	19.816	244	4566941	92.579	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.787	122	49	7.476	ng	# 1
54) 2,4-Dinitrophenol	14.416	184	9	6.403	ng	# 1
56) 4-Nitrophenol	14.487	139	110	4.255	ng	82

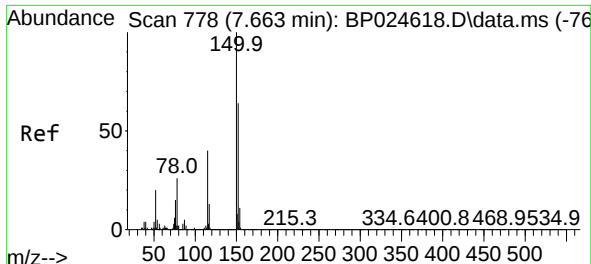
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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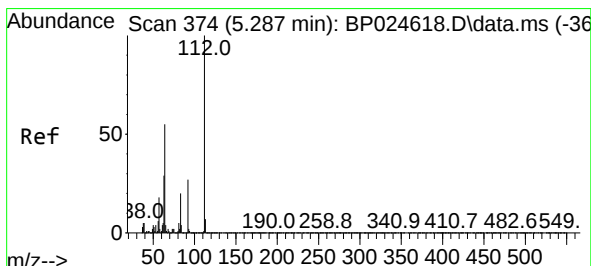
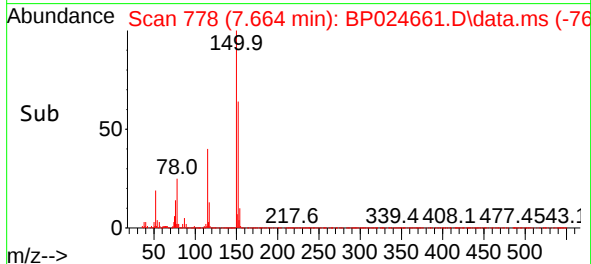
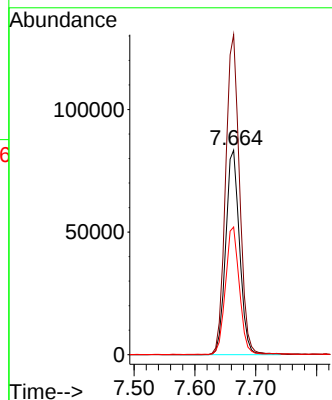
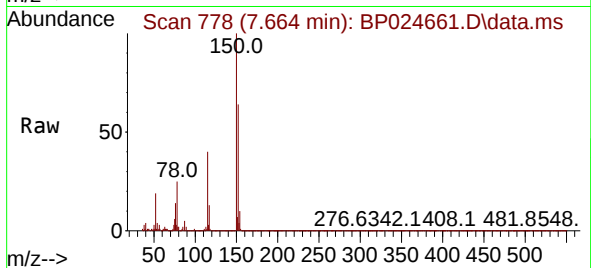




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.664 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

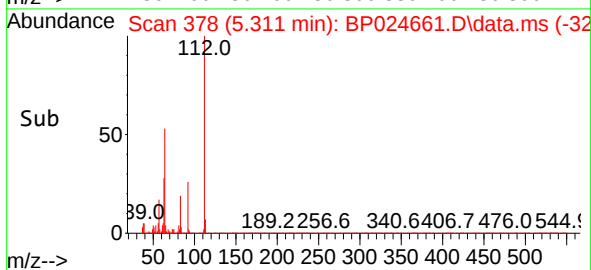
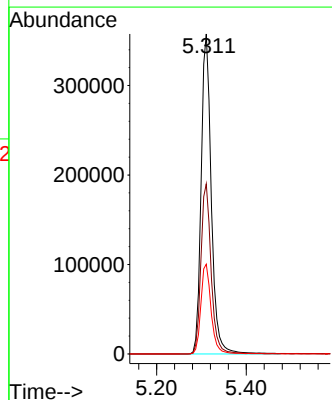
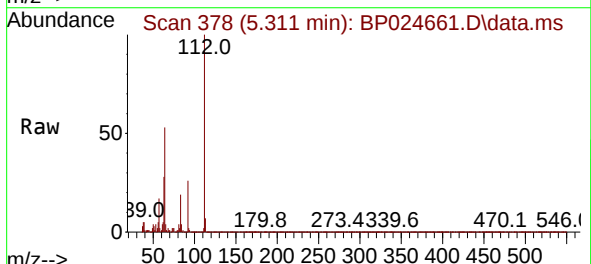
Instrument :
BNA_P
ClientSampleId :
EB-20250508

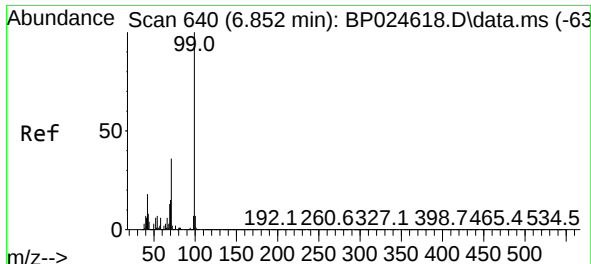
Tgt Ion:152 Resp: 131811
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 72.791 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.024 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:112 Resp: 560972
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 28.1 23.5 35.3

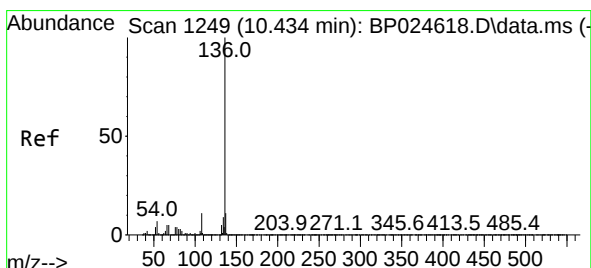
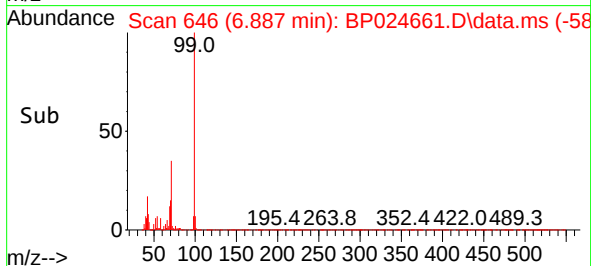
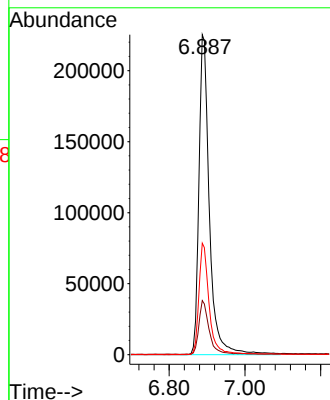
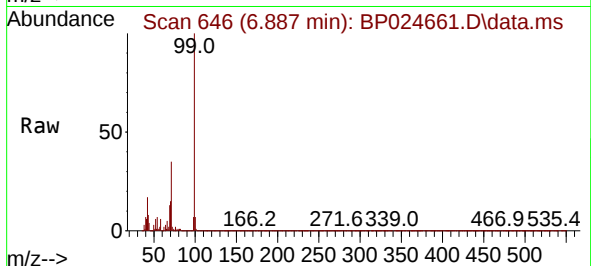




#7
Phenol-d6
Concen: 44.251 ng
RT: 6.887 min Scan# 640
Delta R.T. 0.035 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

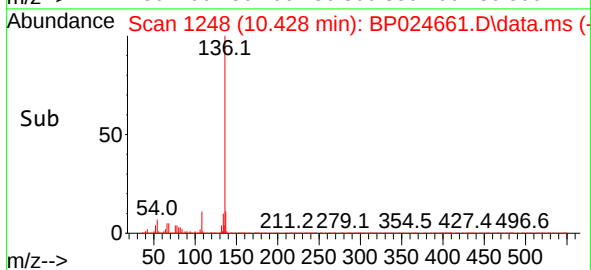
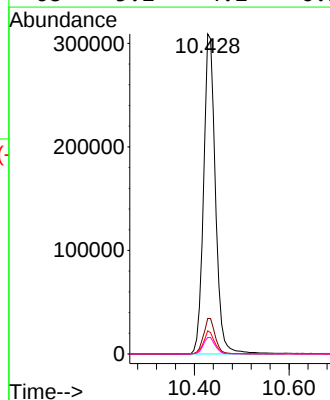
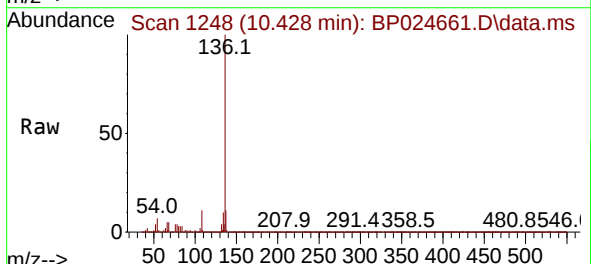
Instrument :
BNA_P
ClientSampleId :
EB-20250508

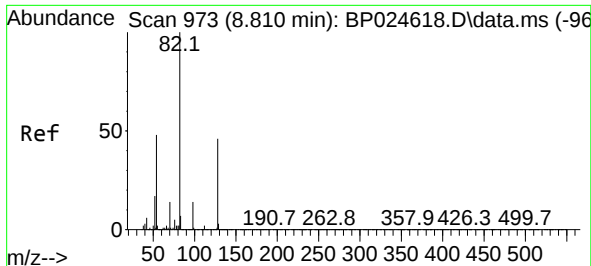
Tgt Ion: 99 Resp: 435239
Ion Ratio Lower Upper
99 100
42 16.9 14.4 21.6
71 34.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion: 136 Resp: 533983
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.5 8.3
68 5.2 4.2 6.2

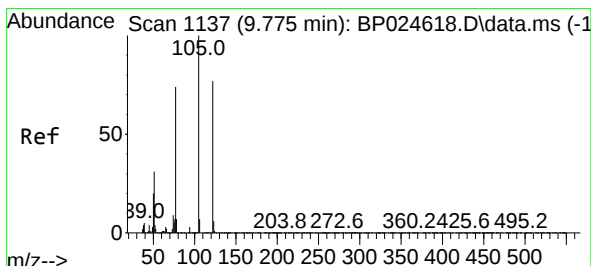
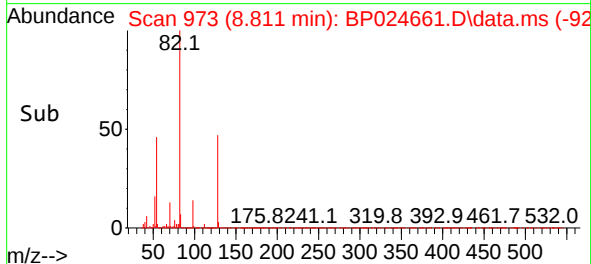
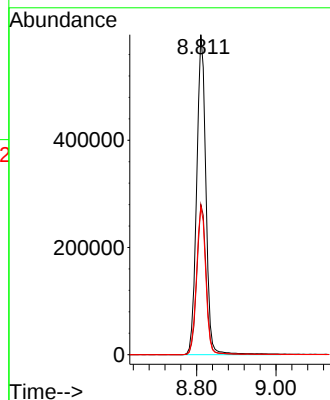
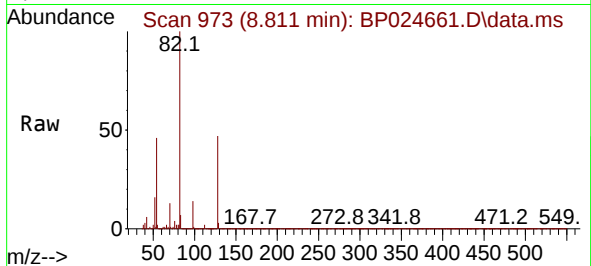




#23
Nitrobenzene-d5
Concen: 91.180 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

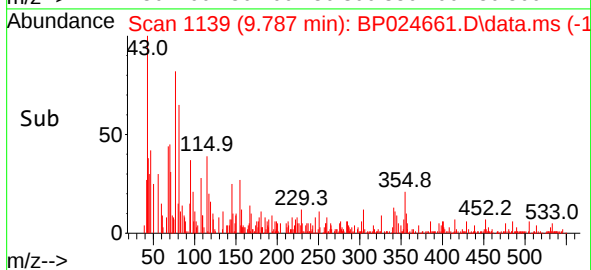
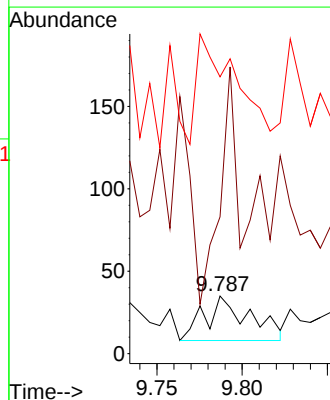
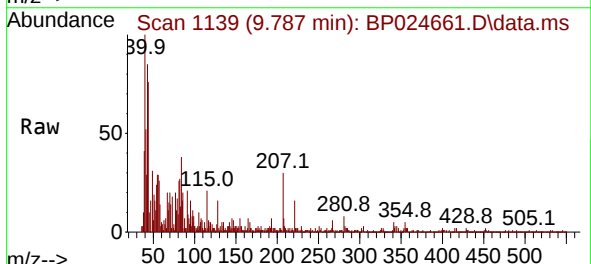
Instrument :
BNA_P
ClientSampleId :
EB-20250508

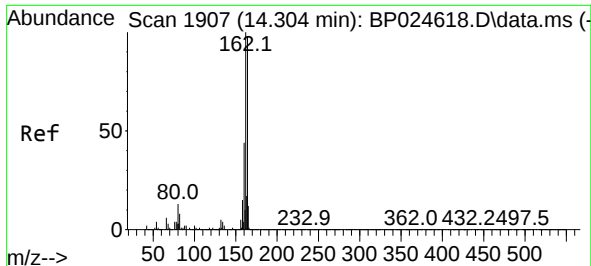
Tgt Ion: 82 Resp: 963623
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 46.2 38.7 58.1



#32
Benzoic acid
Concen: 7.476 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion: 122 Resp: 49
Ion Ratio Lower Upper
122 100
105 237.1 106.9 146.9#
77 480.0 75.1 115.1#

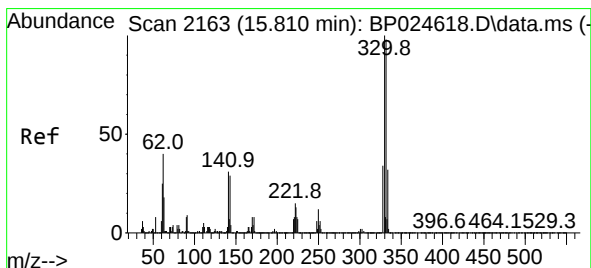
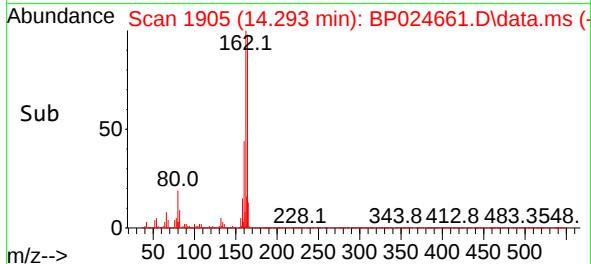
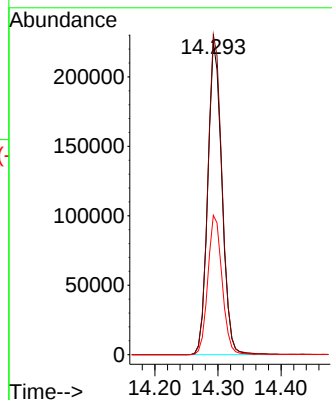
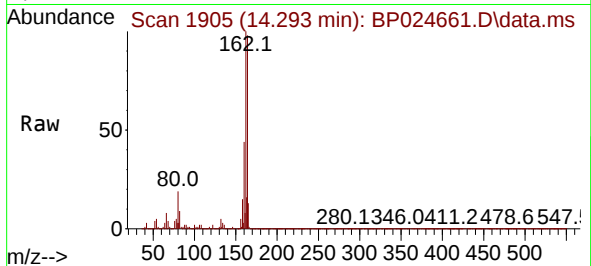




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

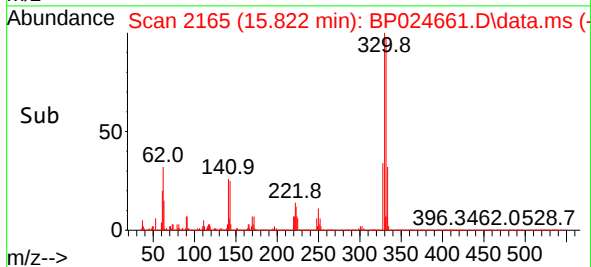
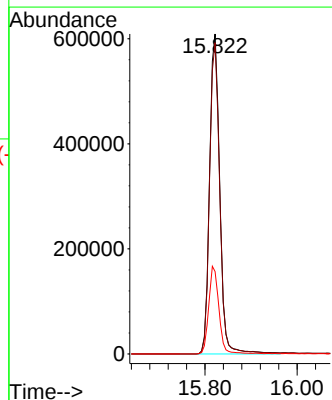
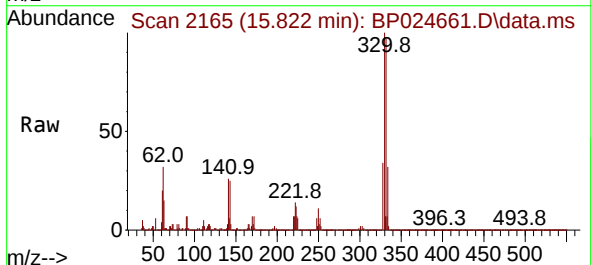
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ClientSampleId :
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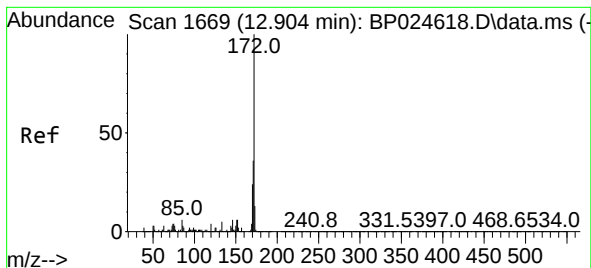
Tgt Ion:164 Resp: 349924
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 159.289 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:330 Resp: 944938
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 27.4 24.3 36.5

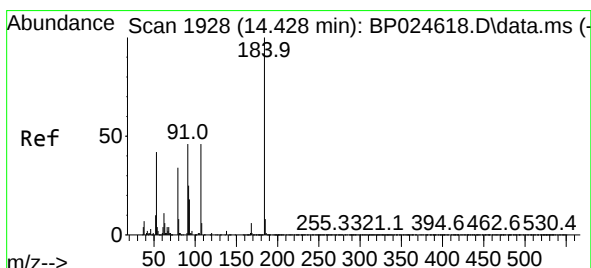
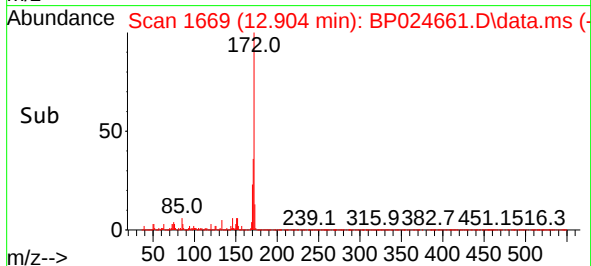
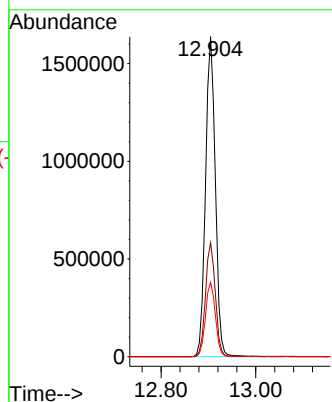
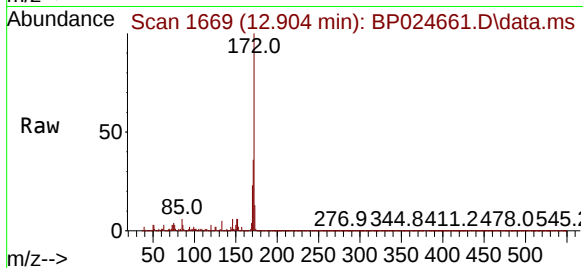




#45
2-Fluorobiphenyl
Concen: 87.874 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

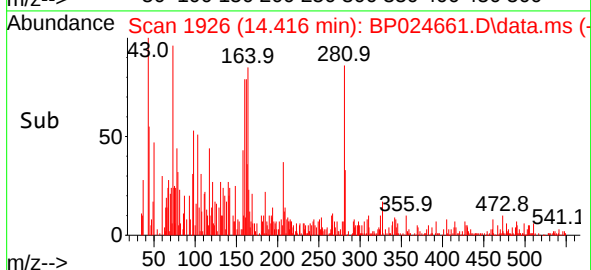
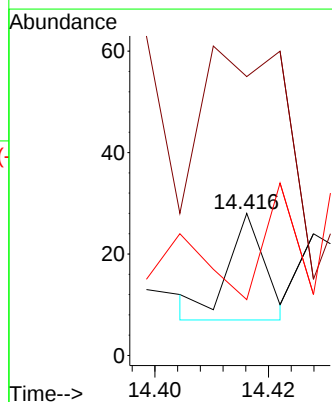
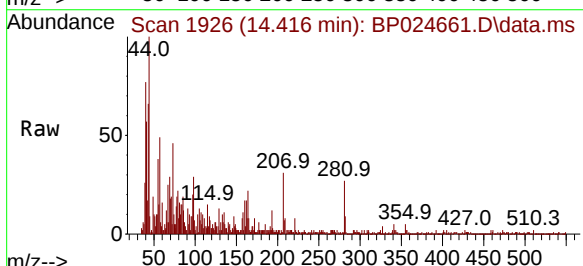
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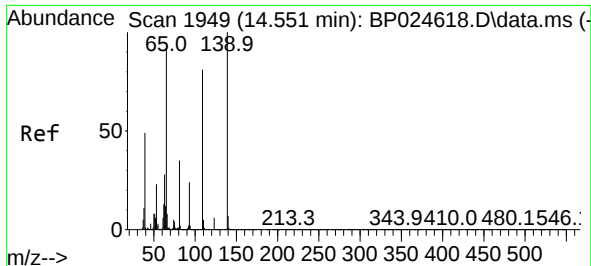
Tgt Ion:172 Resp: 2347051
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.2 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.403 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 271.4 51.3 76.9#
154 39.3 53.5 80.3#

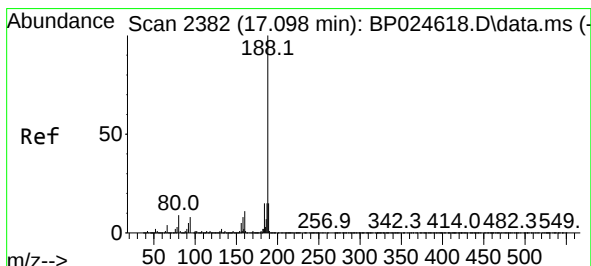
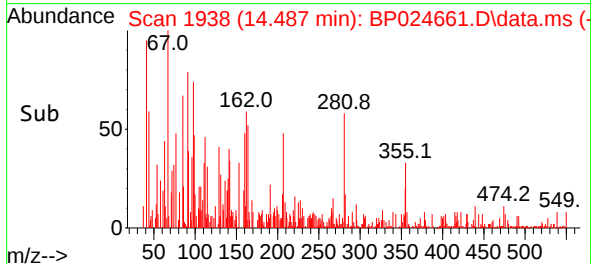
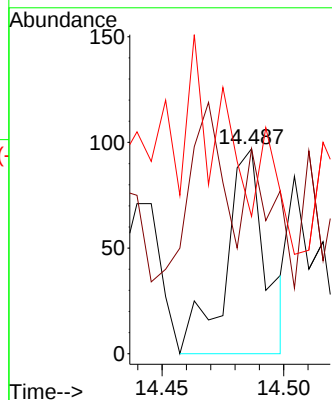
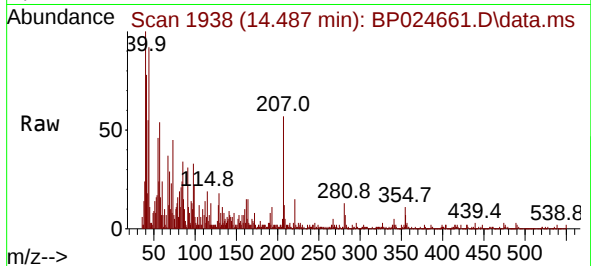




#56
4-Nitrophenol
Concen: 4.255 ng
RT: 14.487 min Scan# 1949
Delta R.T. -0.064 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

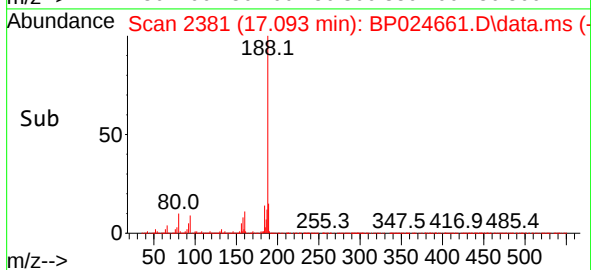
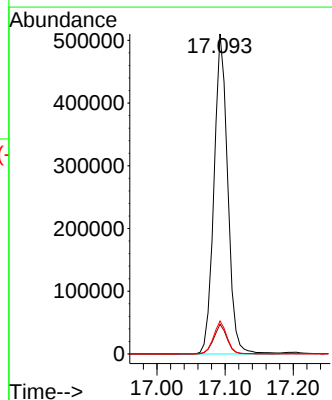
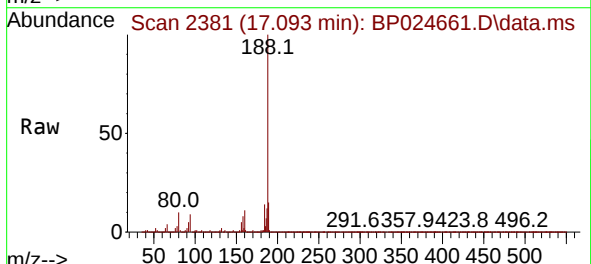
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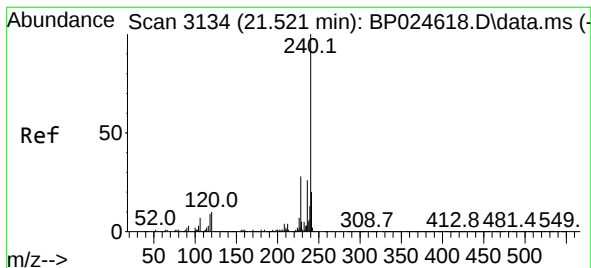
Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 100.0 61.4 101.4
65 77.3 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.093 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:188 Resp: 715145
Ion Ratio Lower Upper
188 100
94 9.3 6.5 9.7
80 10.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024661.D

Acq: 16 May 2025 17:39

Instrument :

BNA_P

ClientSampleId :

EB-20250508

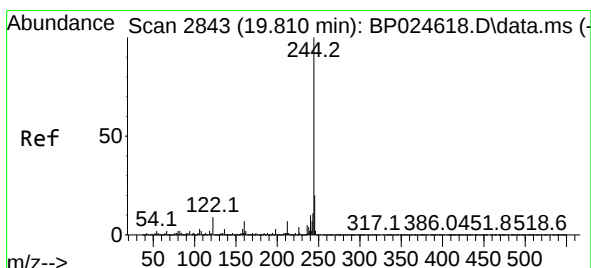
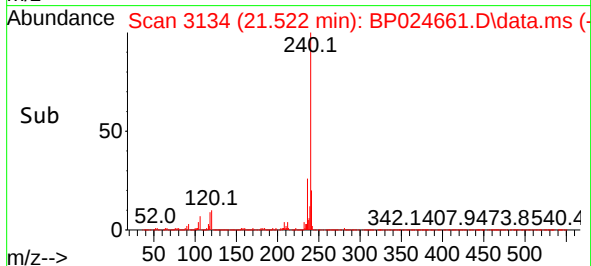
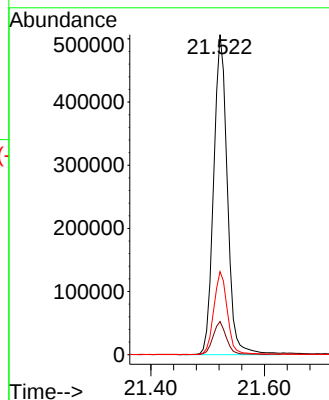
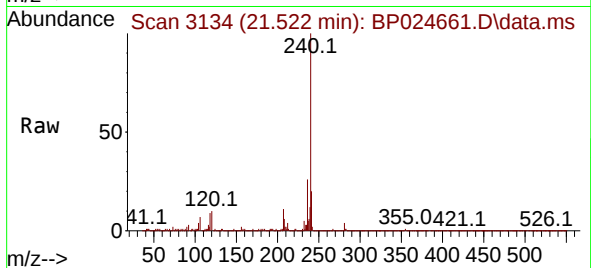
Tgt Ion:240 Resp: 845865

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 92.579 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024661.D

Acq: 16 May 2025 17:39

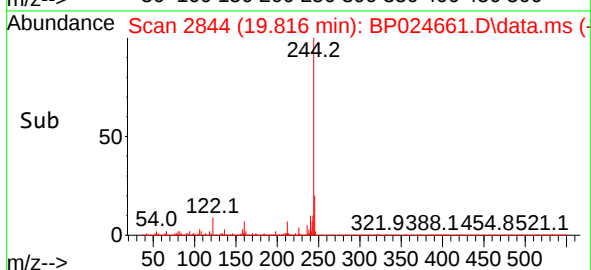
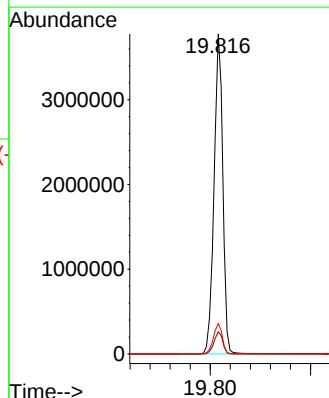
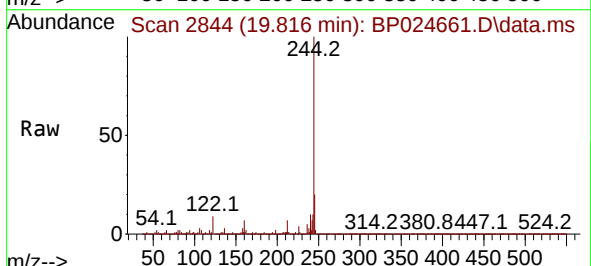
Tgt Ion:244 Resp: 4566941

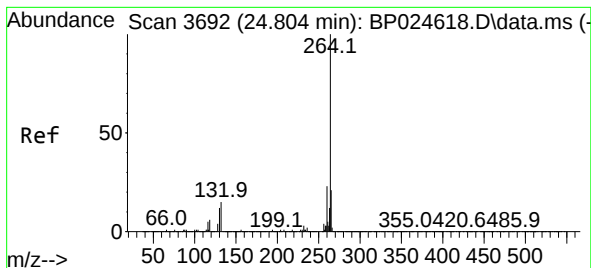
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.5 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: BP024661.D

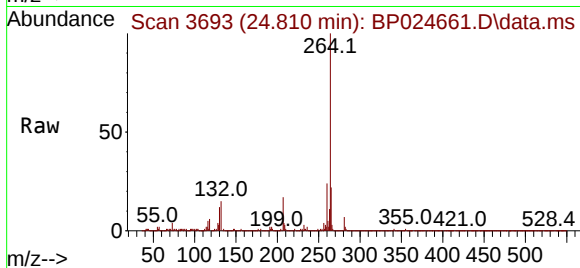
Acq: 16 May 2025 17:39

Instrument :

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Tgt Ion:264 Resp: 1027172

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 17.0 25.6

