

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024760.D
 Acq On : 22 May 2025 15:41
 Operator : RC/JU
 Sample : Q2097-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 16:03:52 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)

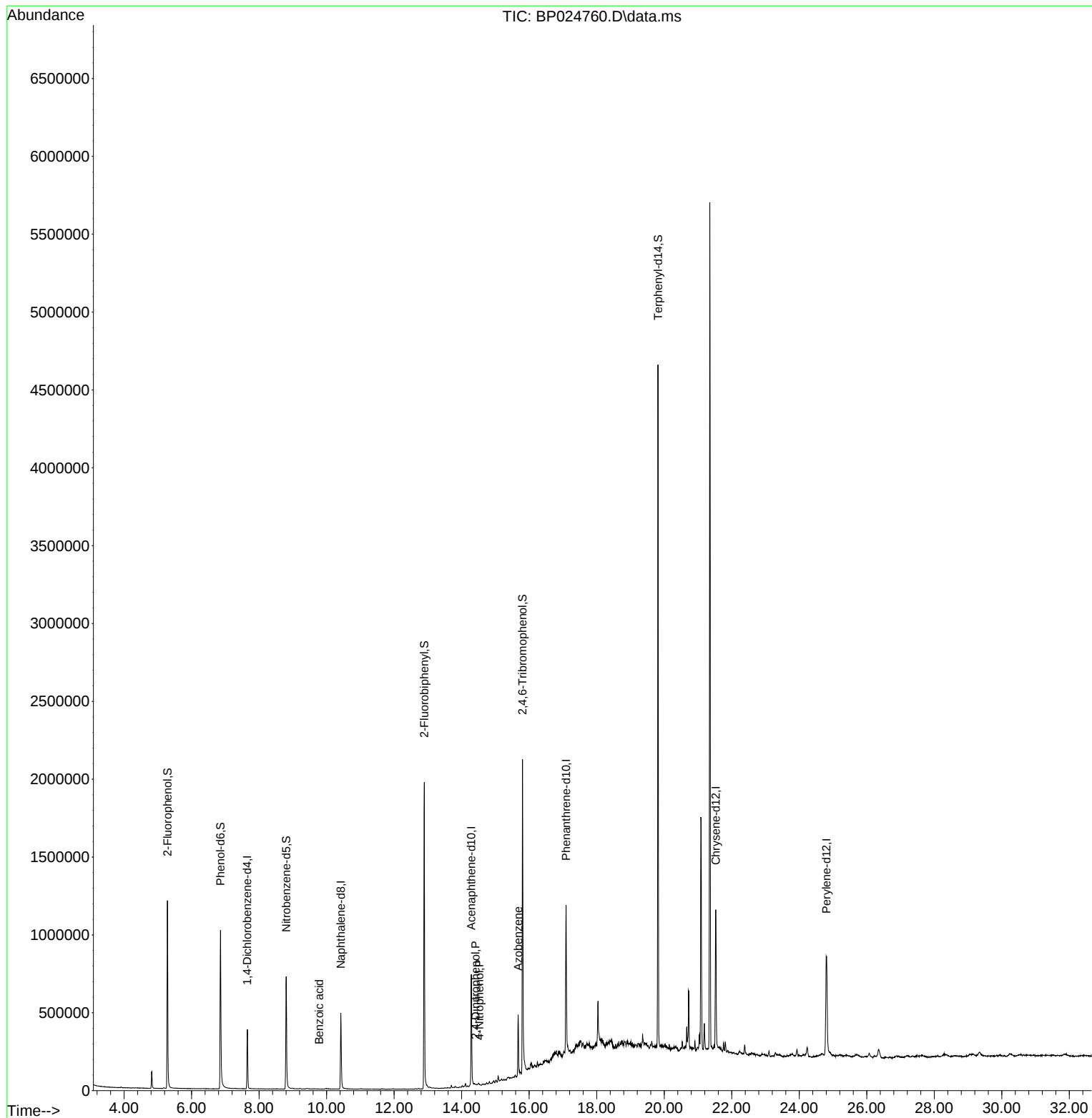
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	108724	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	431399	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	292410	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	609077	20.000	ng	0.00
76) Chrysene-d12	21.528	240	655301	20.000	ng	0.00
86) Perylene-d12	24.804	264	793887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	571296	89.872	ng	0.00
7) Phenol-d6	6.858	99	684117	84.324	ng	0.00
23) Nitrobenzene-d5	8.805	82	438844	51.398	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	491689	99.187	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1031907	46.234	ng	-0.01
79) Terphenyl-d14	19.816	244	1972903	51.624	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	21	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.416	184	23	6.408	ng	# 1
56) 4-Nitrophenol	14.522	139	74	4.251	ng	# 1
63) Azobenzene	15.675	77	119007	6.176	ng	# 1

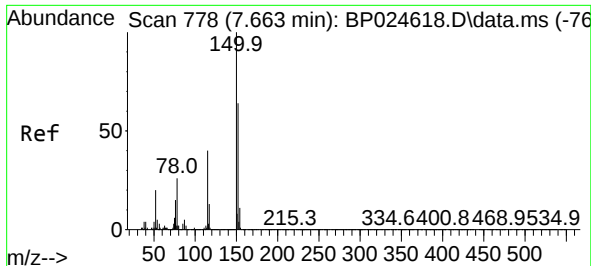
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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Operator : RC/JU
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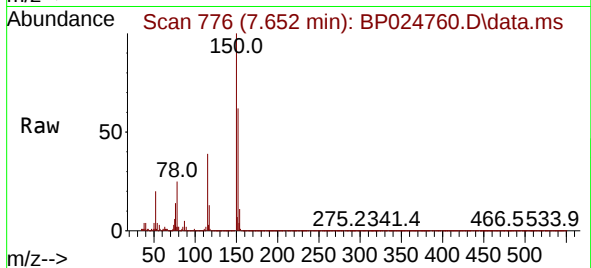
Quant Time: May 22 16:03:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



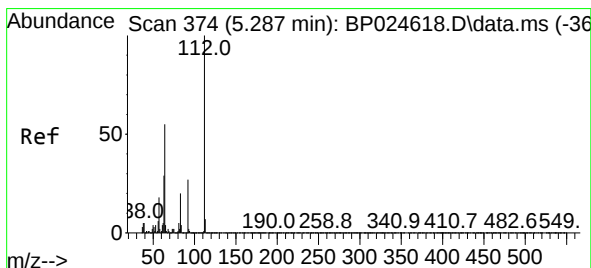
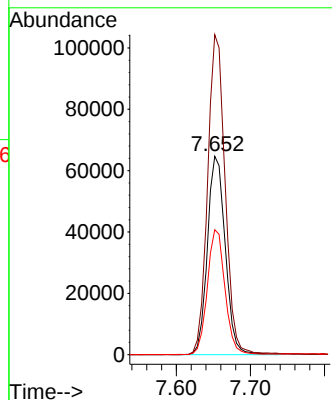
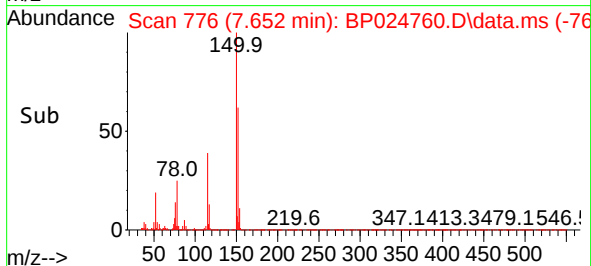


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.652 min Scan# 776
 Delta R.T. -0.011 min
 Lab File: BP024760.D
 Acq: 22 May 2025 15:41

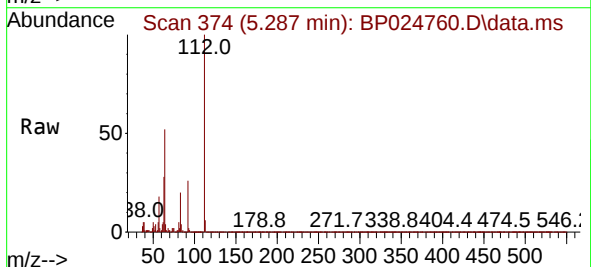
Instrument :
 BNA_P
 ClientSampleId :



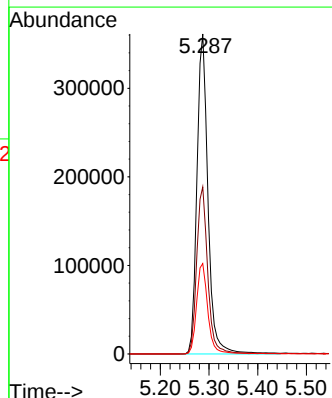
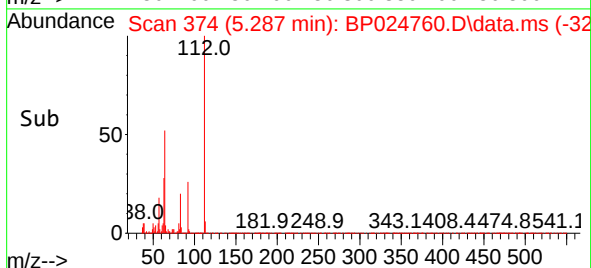
Tgt Ion:152 Resp: 108724
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.9 188.9
 115 63.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 89.872 ng
 RT: 5.287 min Scan# 374
 Delta R.T. 0.000 min
 Lab File: BP024760.D
 Acq: 22 May 2025 15:41



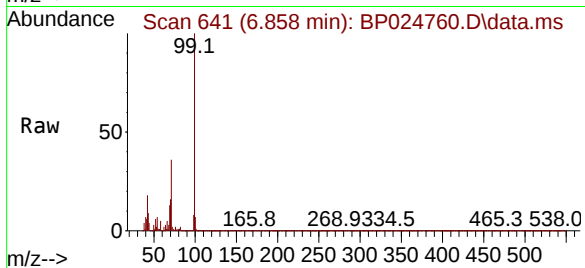
Tgt Ion:112 Resp: 571296
 Ion Ratio Lower Upper
 112 100
 64 52.2 44.1 66.1
 63 28.3 23.5 35.3



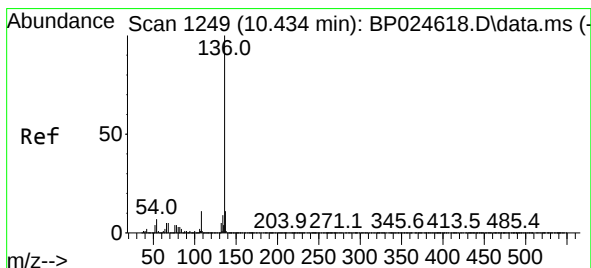
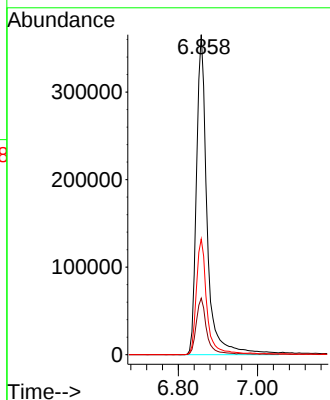
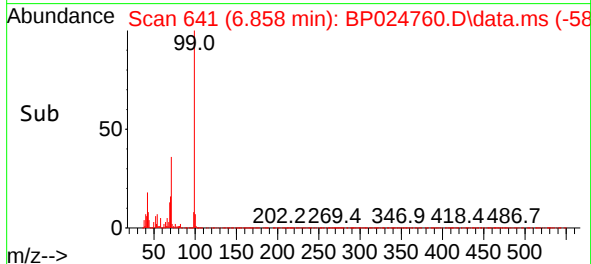


#7
Phenol-d6
Concen: 84.324 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

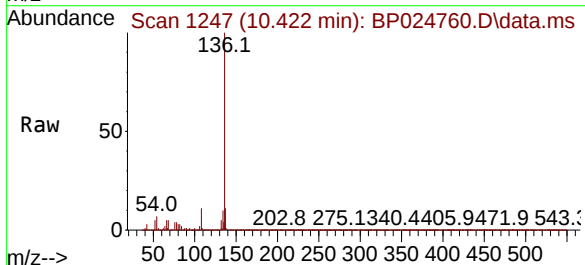
Instrument :
BNA_P
ClientSampleId :



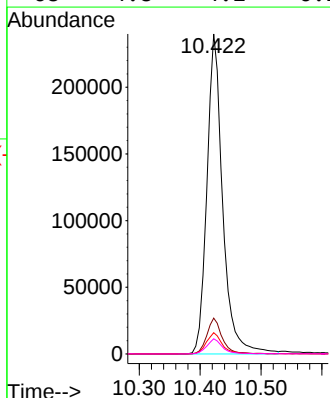
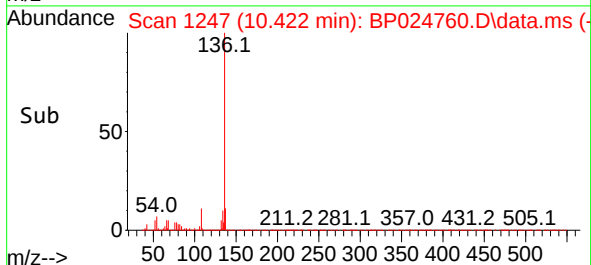
Tgt Ion: 99 Resp: 684117
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8

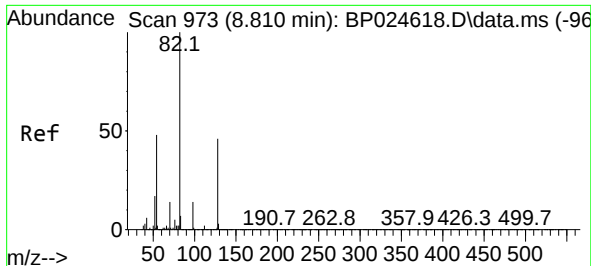


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41



Tgt Ion: 136 Resp: 431399
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.5 8.3
68 4.8 4.2 6.2

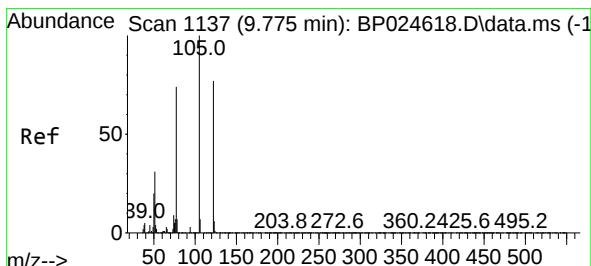
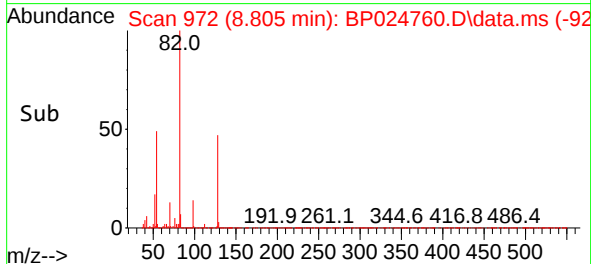
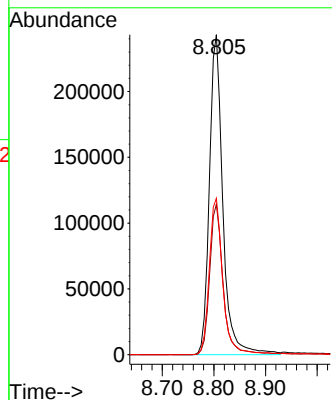
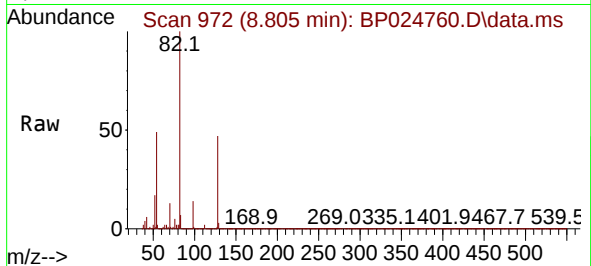




#23
Nitrobenzene-d5
Concen: 51.398 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

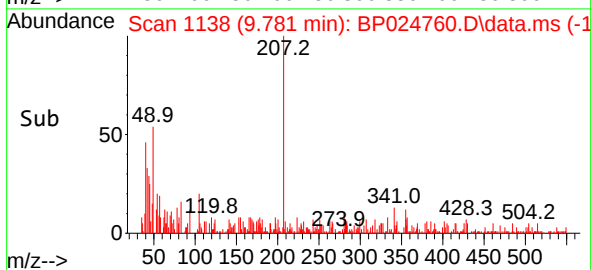
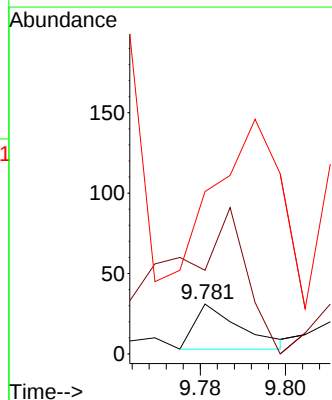
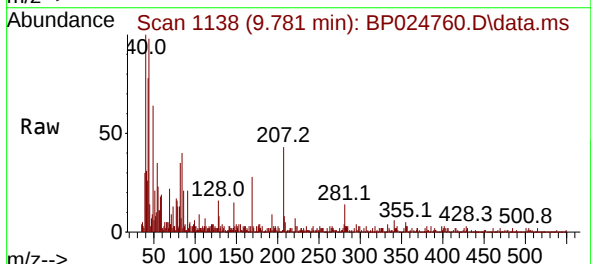
Instrument :
BNA_P
ClientSampleId :

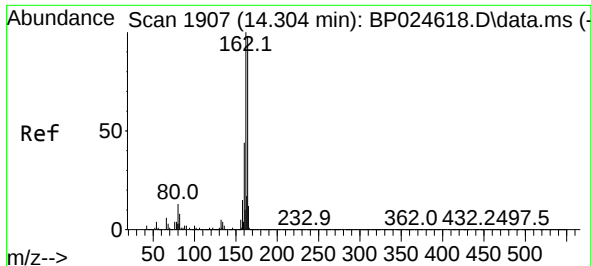
Tgt Ion: 82 Resp: 438844
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 48.8 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

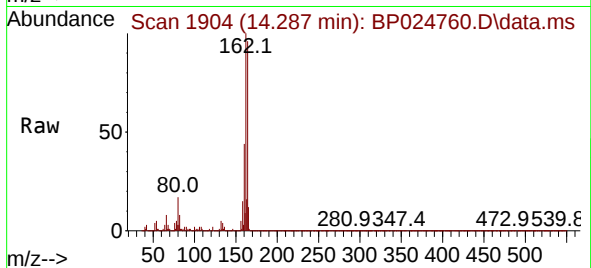
Tgt Ion:122 Resp: 21
Ion Ratio Lower Upper
122 100
105 206.5 106.9 146.9#
77 325.8 75.1 115.1#



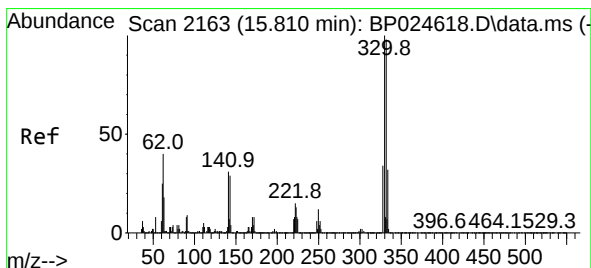
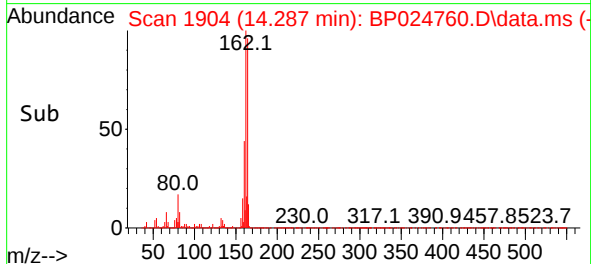
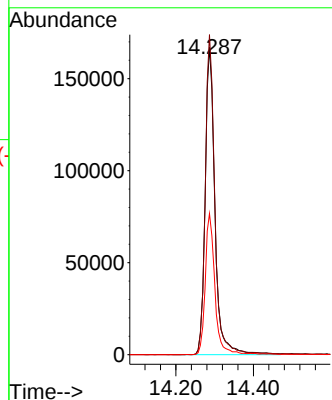


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.017 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

Instrument :
BNA_P
ClientSampleId :

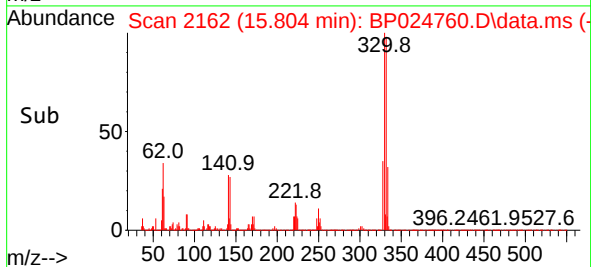
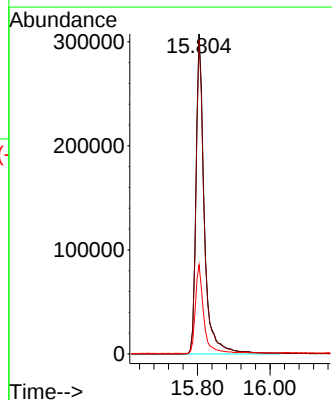
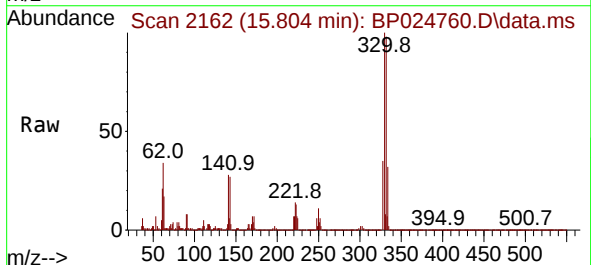


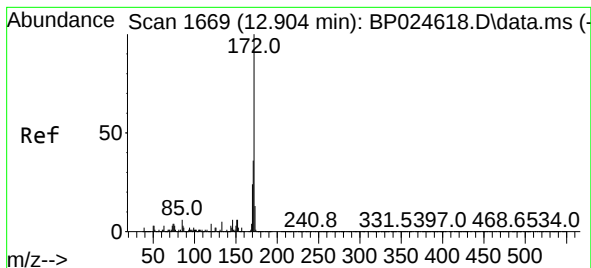
Tgt Ion:164 Resp: 292410
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 45.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 99.187 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

Tgt Ion:330 Resp: 491689
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 27.5 24.3 36.5

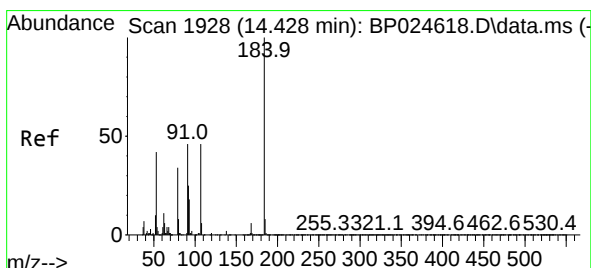
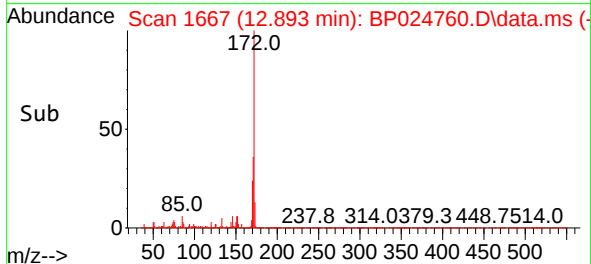
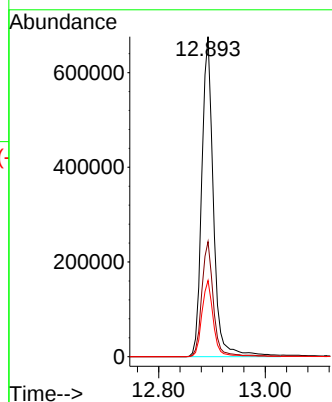
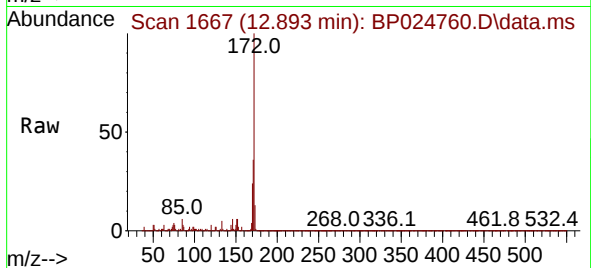




#45
2-Fluorobiphenyl
Concen: 46.234 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

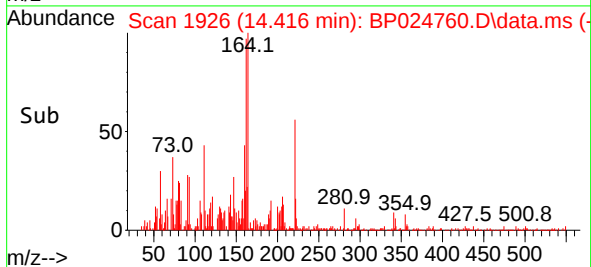
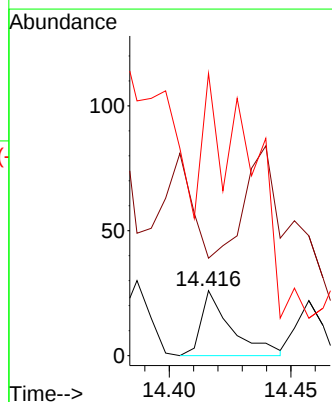
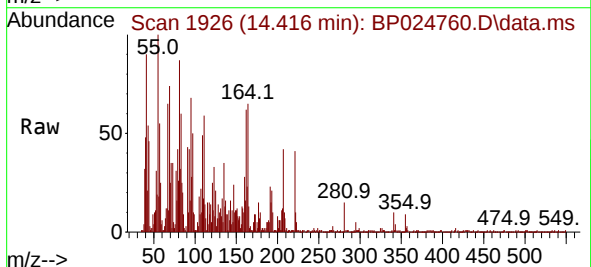
Instrument :
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ClientSampleId :

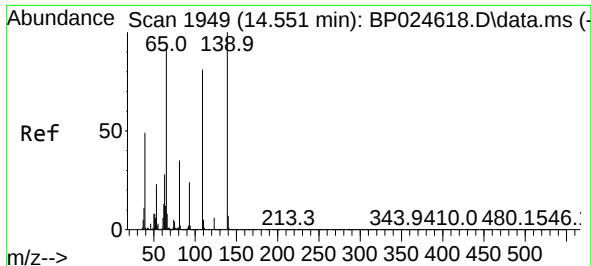
Tgt Ion:172 Resp: 1031907
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

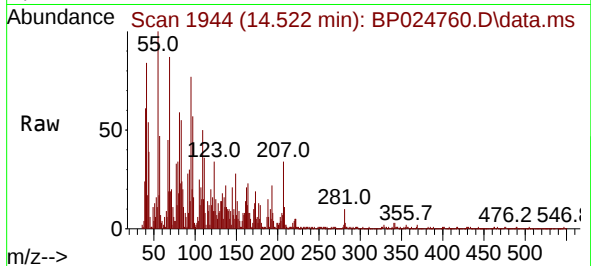
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 150.0 51.3 76.9#
154 434.6 53.5 80.3#



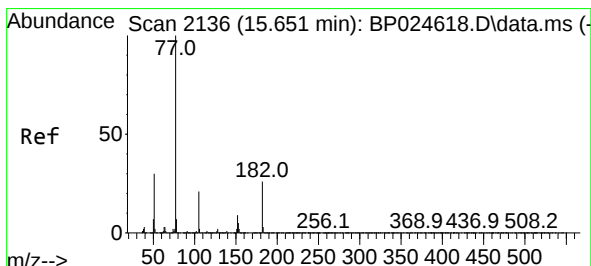
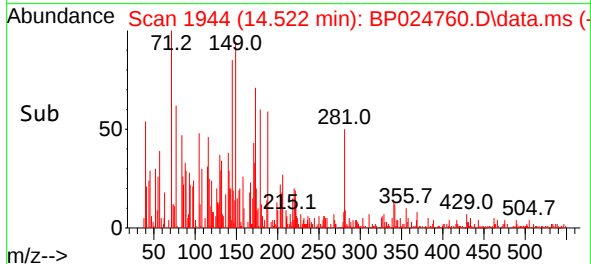
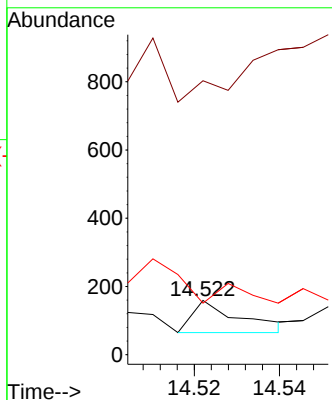


#56
4-Nitrophenol
Concen: 4.251 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

Instrument :
BNA_P
ClientSampleId :

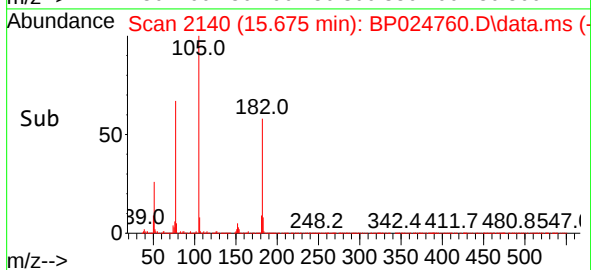
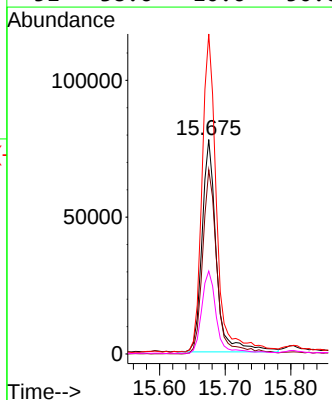
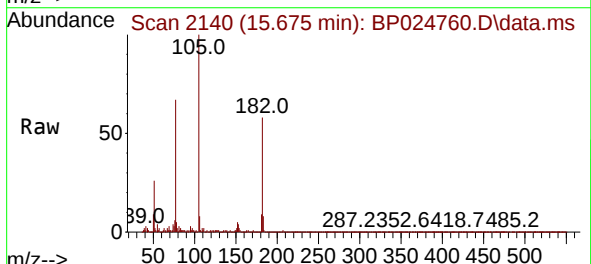


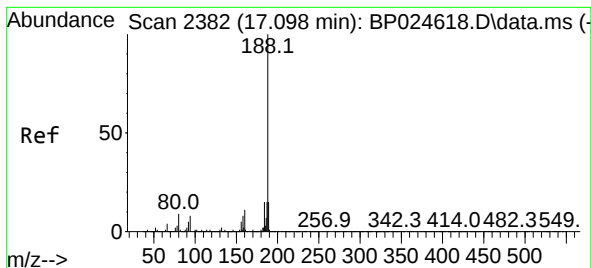
Tgt Ion:139 Resp: 74
Ion Ratio Lower Upper
139 100
109 505.0 61.4 101.4#
65 95.0 72.2 112.2



#63
Azobenzene
Concen: 6.176 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.024 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

Tgt Ion: 77 Resp: 119007
Ion Ratio Lower Upper
77 100
182 85.9 5.7 45.7#
105 149.3 1.3 41.3#
51 38.6 10.6 50.6

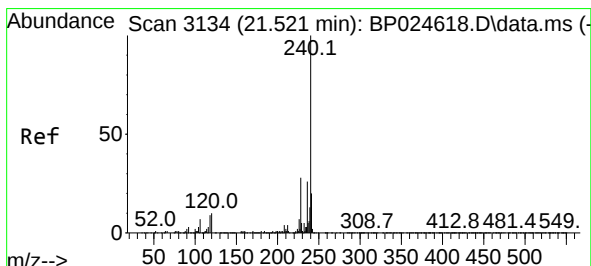
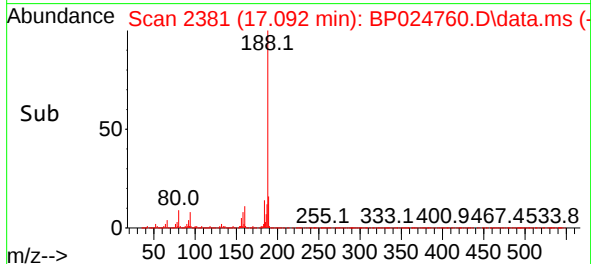
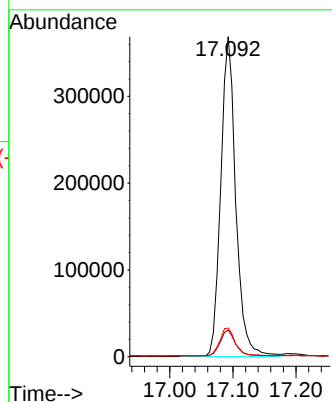
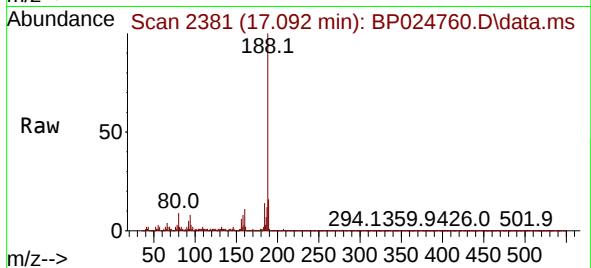




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

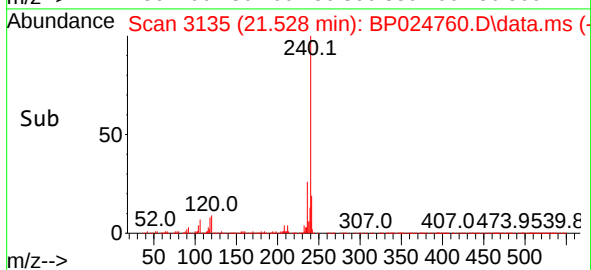
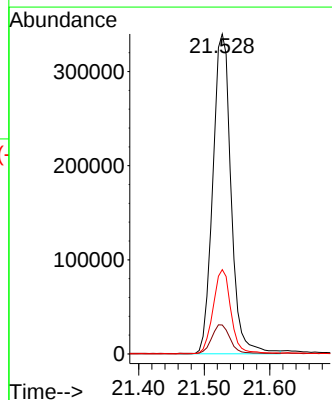
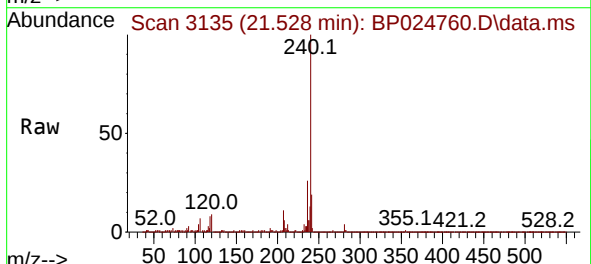
Instrument :
BNA_P
ClientSampleId :

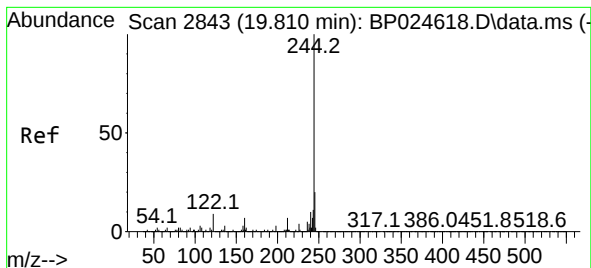
Tgt Ion:188 Resp: 609077
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 8.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.528 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024760.D
Acq: 22 May 2025 15:41

Tgt Ion:240 Resp: 655301
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 51.624 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024760.D

Acq: 22 May 2025 15:41

Instrument :

BNA_P

ClientSampleId :

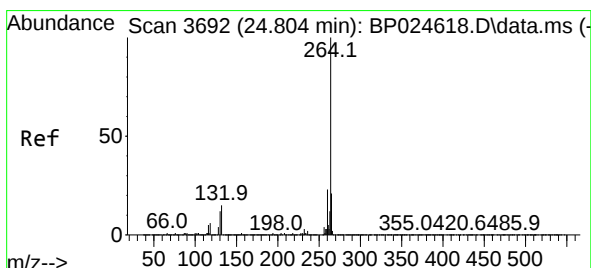
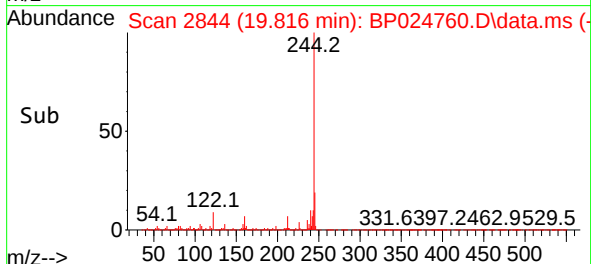
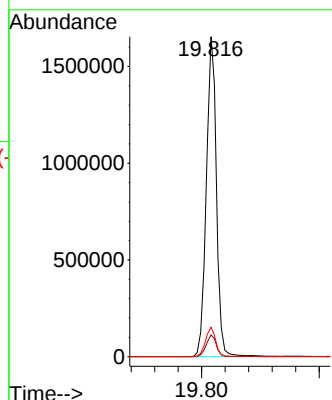
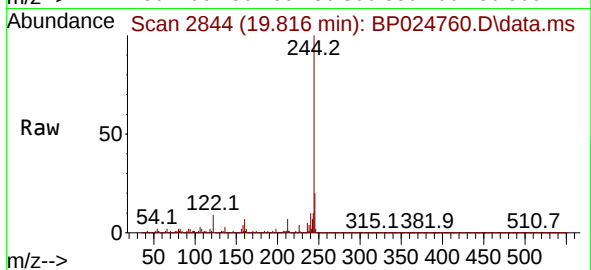
Tgt Ion:244 Resp: 1972903

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.2 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024760.D

Acq: 22 May 2025 15:41

Tgt Ion:264 Resp: 793887

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.3 17.0 25.6

