

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024759.D
 Acq On : 22 May 2025 15:00
 Operator : RC/JU
 Sample : Q2093-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 15:37:38 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)

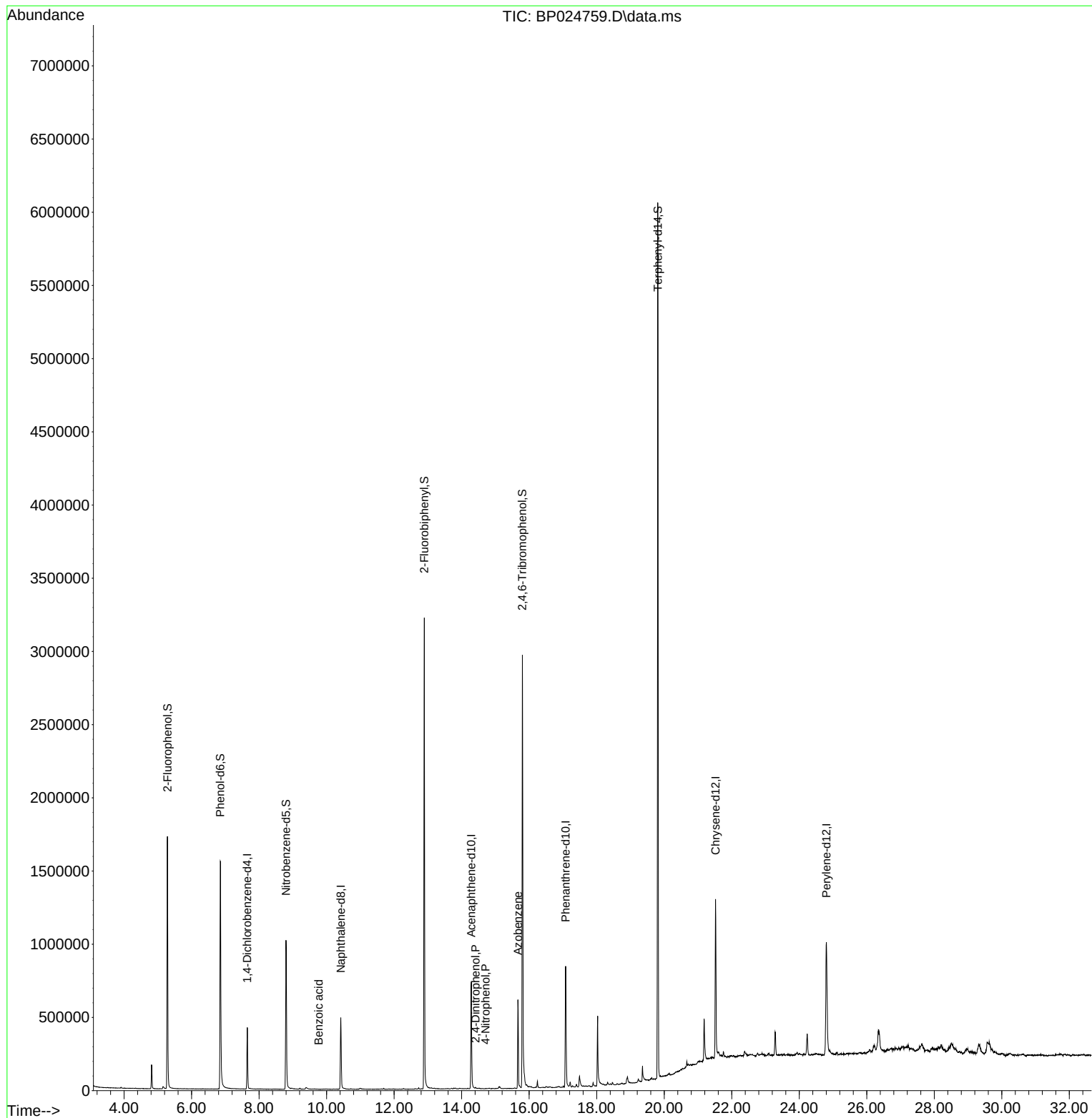
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	111980	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	450550	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	301433	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	621779	20.000	ng	-0.02
76) Chrysene-d12	21.522	240	727252	20.000	ng	0.00
86) Perylene-d12	24.804	264	862768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	807338	123.312	ng	0.00
7) Phenol-d6	6.852	99	1008182	120.655	ng	0.00
23) Nitrobenzene-d5	8.799	82	627085	70.324	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	741412	145.086	ng	-0.01
45) 2-Fluorobiphenyl	12.893	172	1525461	66.301	ng	-0.01
79) Terphenyl-d14	19.810	244	2958368	69.752	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.763	122	13	7.471	ng	# 8
54) 2,4-Dinitrophenol	14.410	184	4	6.402	ng	# 1
56) 4-Nitrophenol	14.710	139	87	4.253	ng	92
63) Azobenzene	15.669	77	177103	8.915	ng	# 1

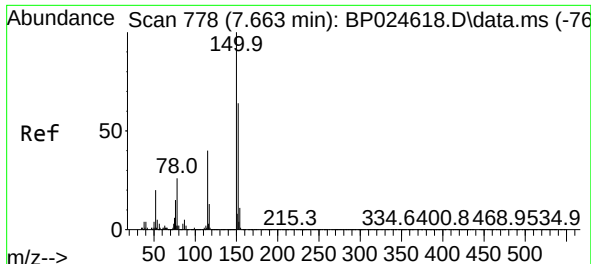
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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Misc :
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Instrument :
BNA_P
ClientSampleId :

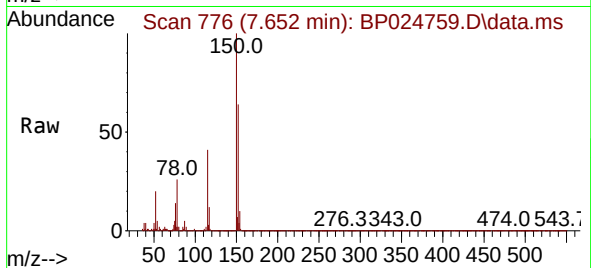
Quant Time: May 22 15:37:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



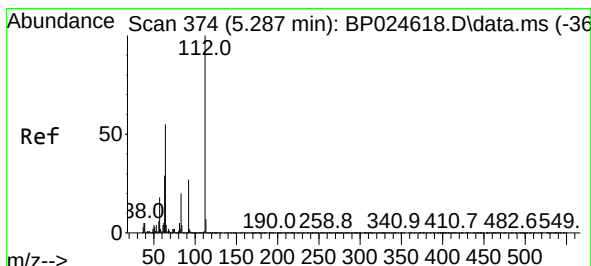
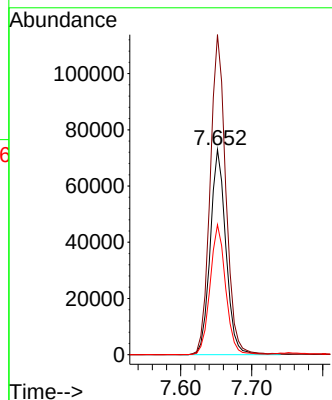
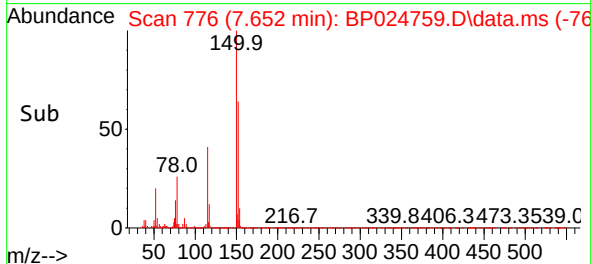


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

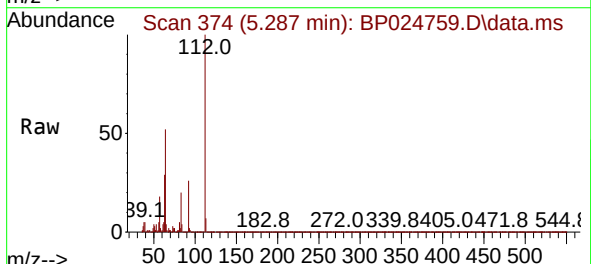
Instrument :
BNA_P
ClientSampleId :



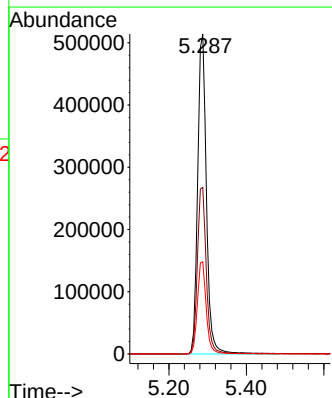
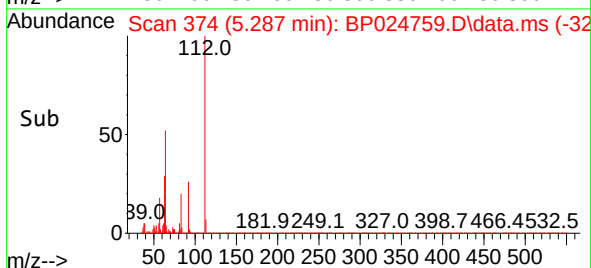
Tgt Ion:152 Resp: 111980
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 63.3 50.1 75.1

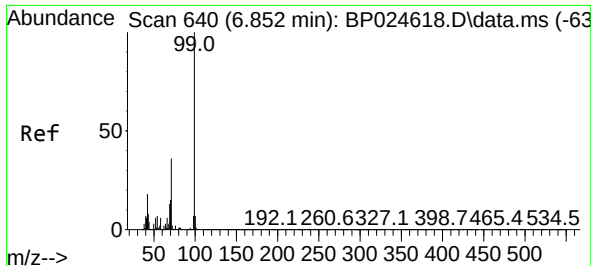


#5
2-Fluorophenol
Concen: 123.312 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00



Tgt Ion:112 Resp: 807338
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.8 23.5 35.3



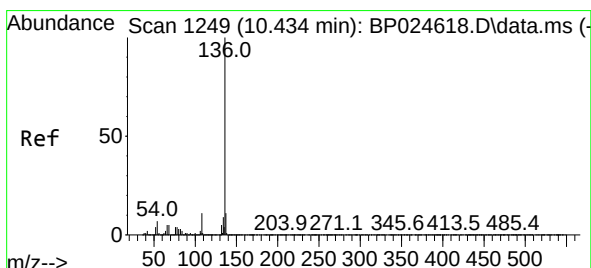
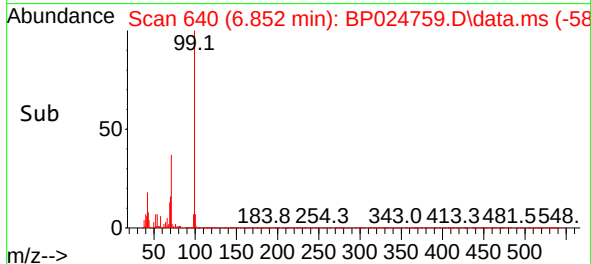
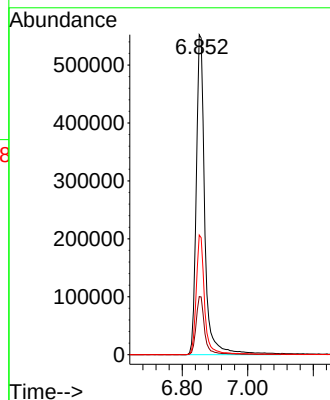
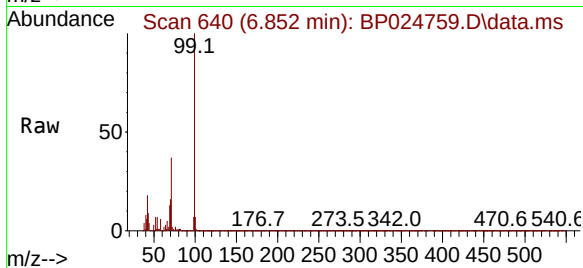


#7
Phenol-d6
Concen: 120.655 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1008182

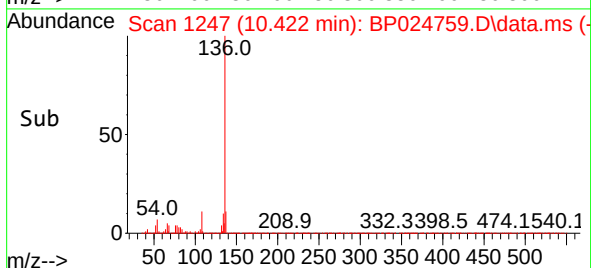
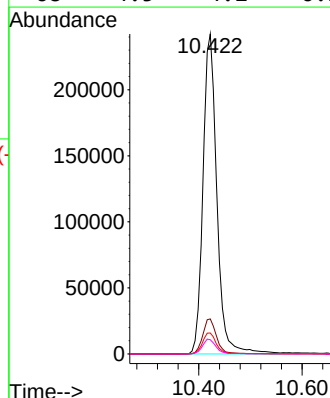
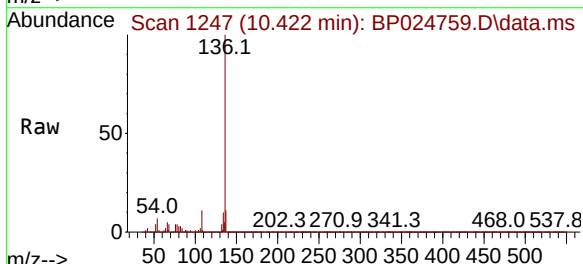
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.4	21.6
71	37.4	29.2	43.8

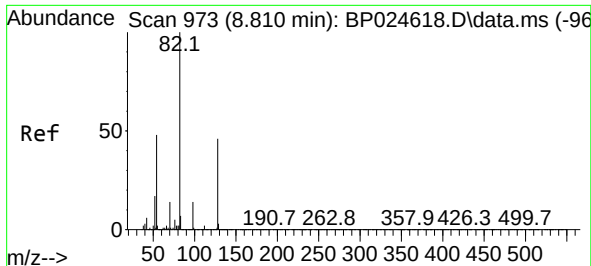


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion: 136 Resp: 450550

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2

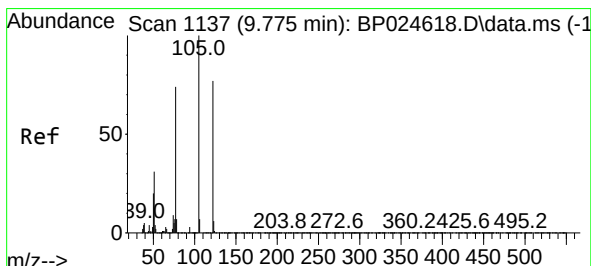
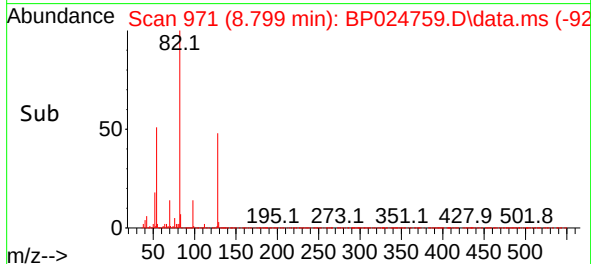
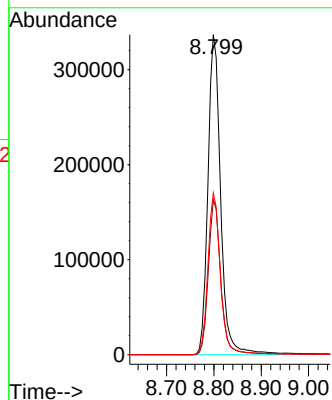
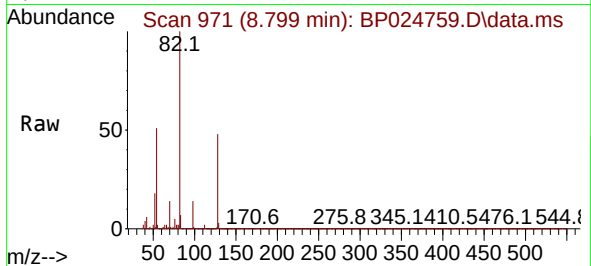




#23
Nitrobenzene-d5
Concen: 70.324 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

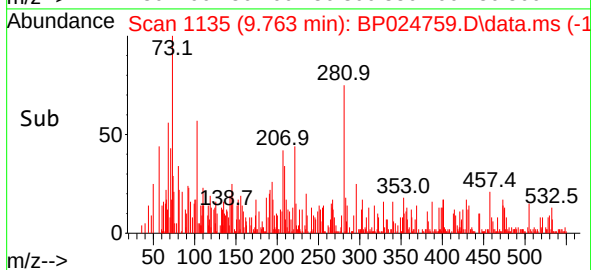
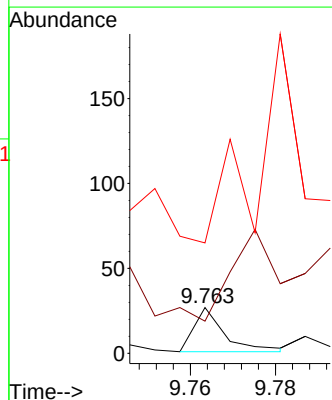
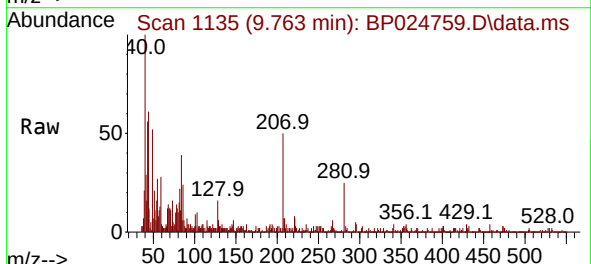
Instrument :
BNA_P
ClientSampleId :

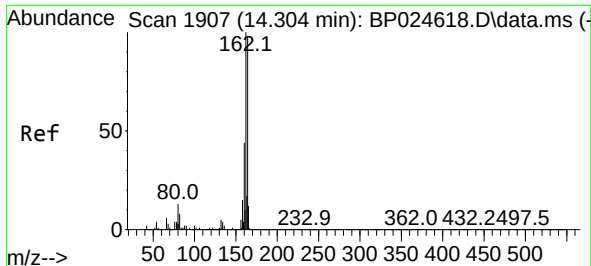
Tgt Ion: 82 Resp: 627085
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 50.5 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 70.4 106.9 146.9#
77 240.7 75.1 115.1#

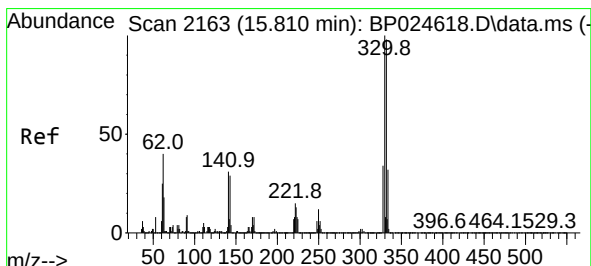
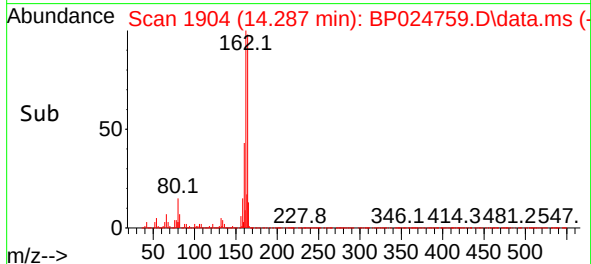
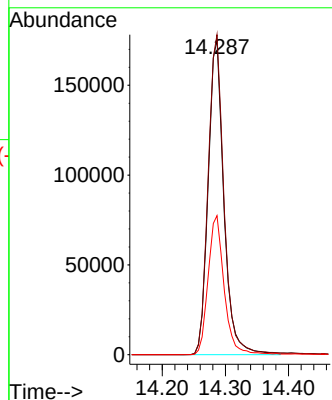
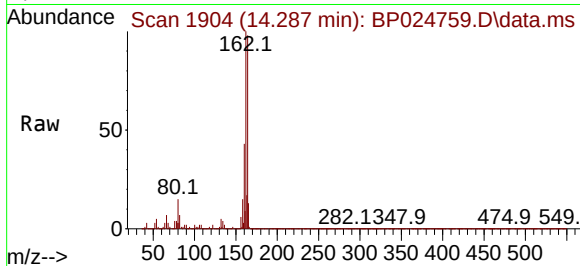




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.017 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

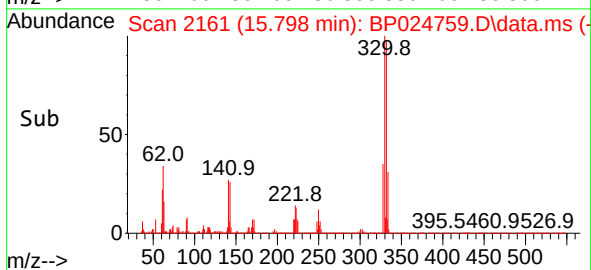
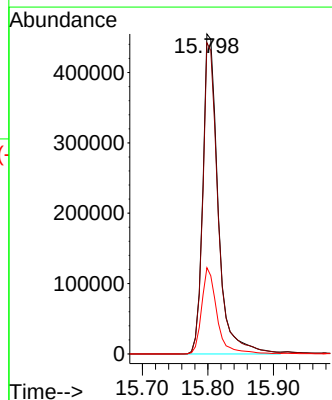
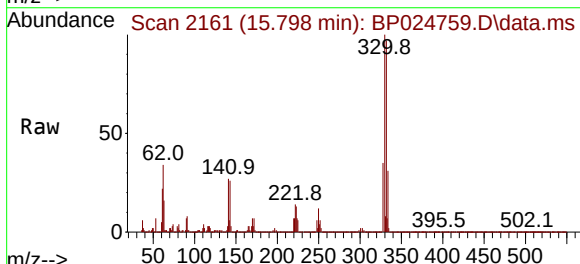
Instrument :
BNA_P
ClientSampleId :

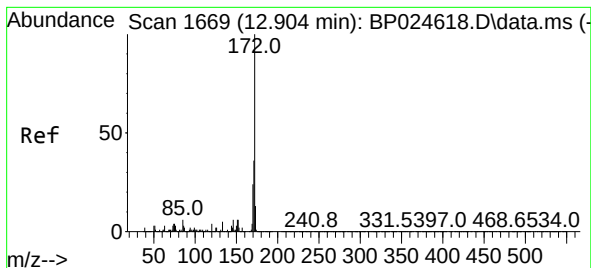
Tgt Ion:164 Resp: 301433
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 44.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 145.086 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion:330 Resp: 741412
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 26.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 66.301 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

Instrument :

BNA_P

ClientSampleId :

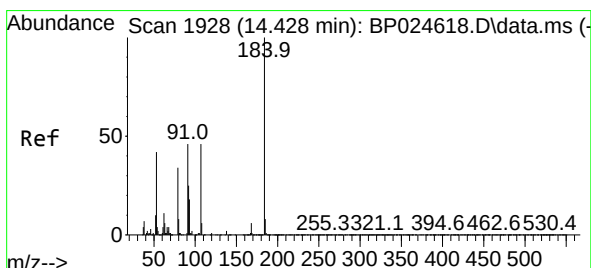
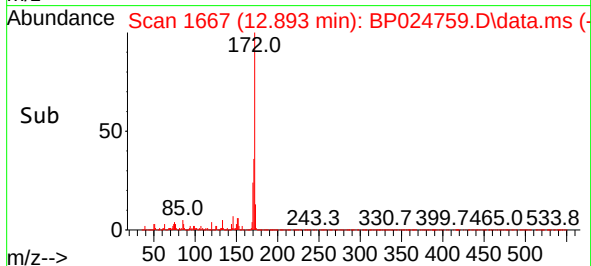
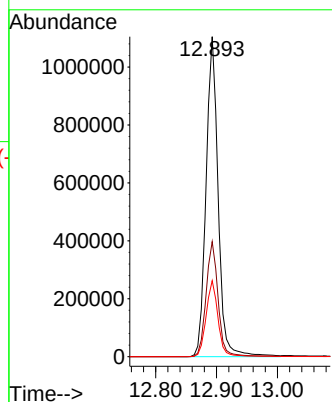
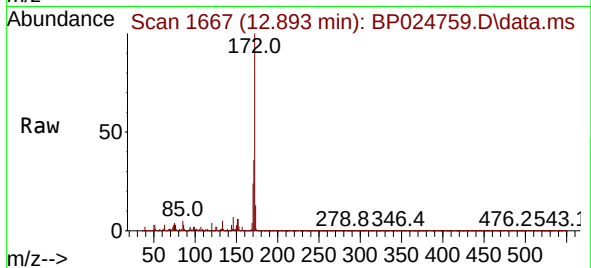
Tgt Ion:172 Resp: 1525461

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.8 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.402 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

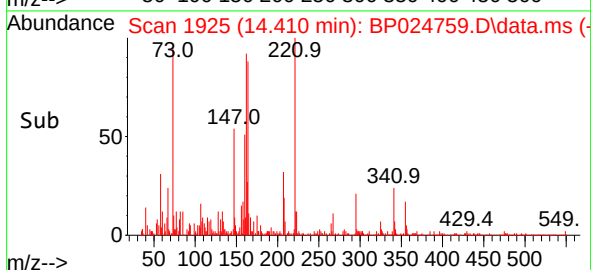
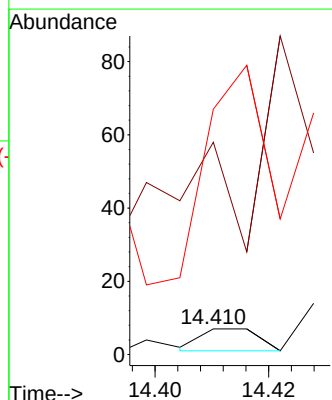
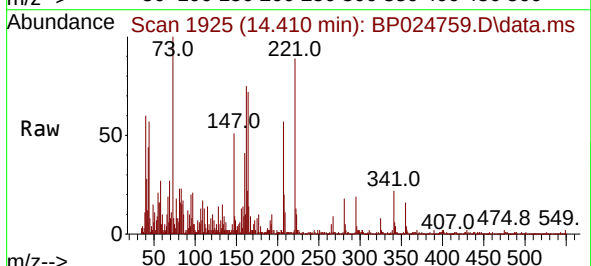
Tgt Ion:184 Resp: 4

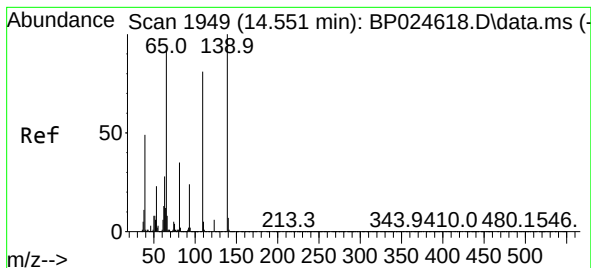
Ion Ratio Lower Upper

184 100

63 1085.7 51.3 76.9#

154 1185.7 53.5 80.3#

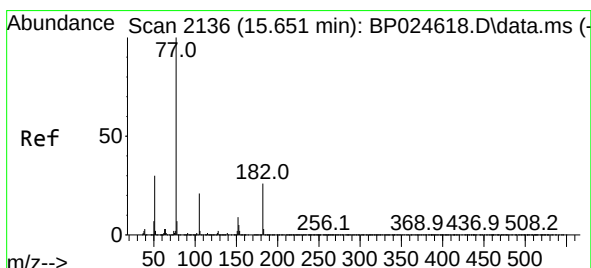
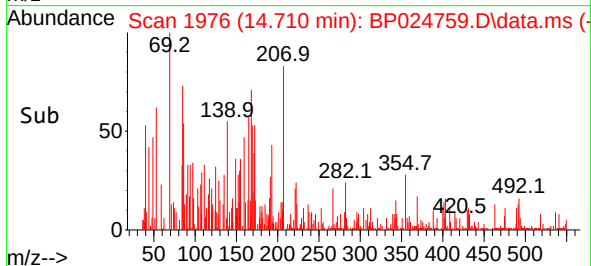
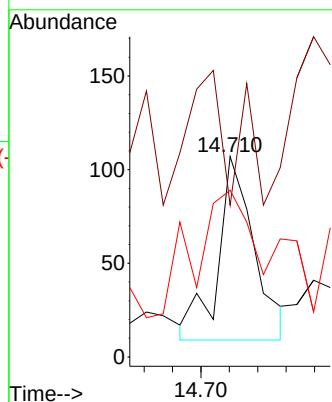
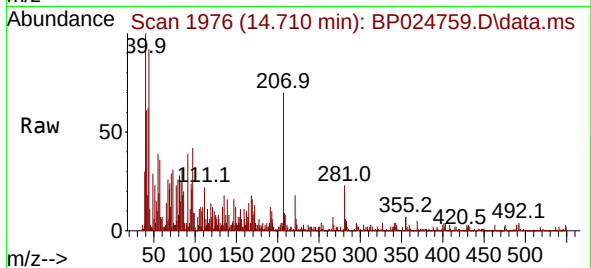




#56
4-Nitrophenol
Concen: 4.253 ng
RT: 14.710 min Scan# 1949
Delta R.T. 0.159 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

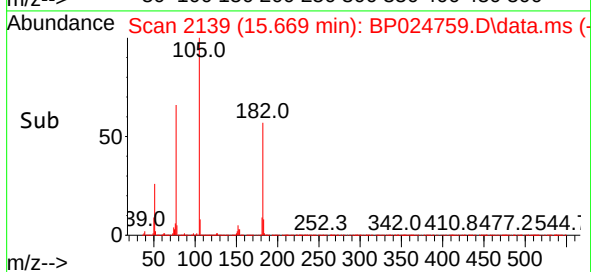
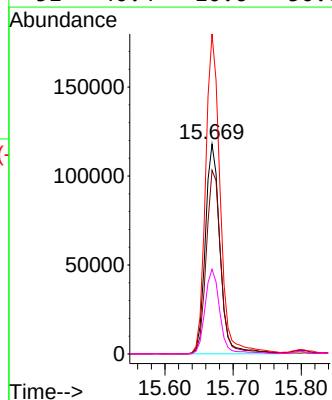
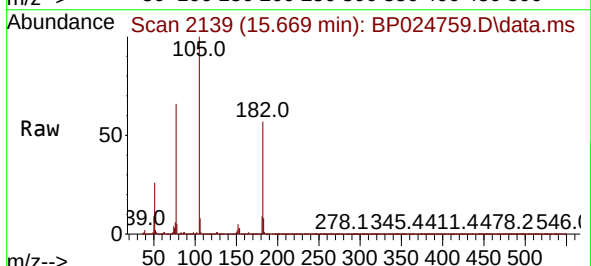
Instrument :
BNA_P
ClientSampleId :

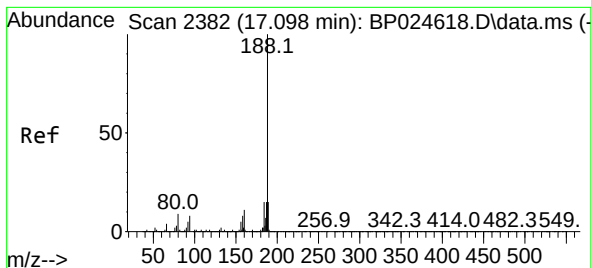
Tgt Ion:139 Resp: 87
Ion Ratio Lower Upper
139 100
109 75.7 61.4 101.4
65 83.2 72.2 112.2



#63
Azobenzene
Concen: 8.915 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion: 77 Resp: 177103
Ion Ratio Lower Upper
77 100
182 87.6 5.7 45.7#
105 152.6 1.3 41.3#
51 40.4 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

Instrument :

BNA_P

ClientSampleId :

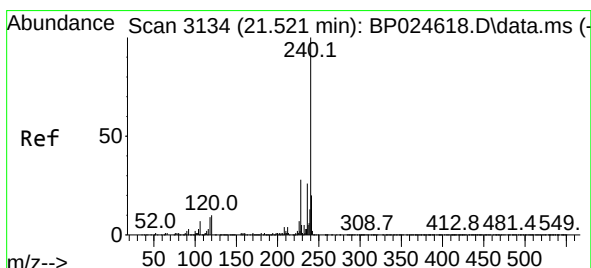
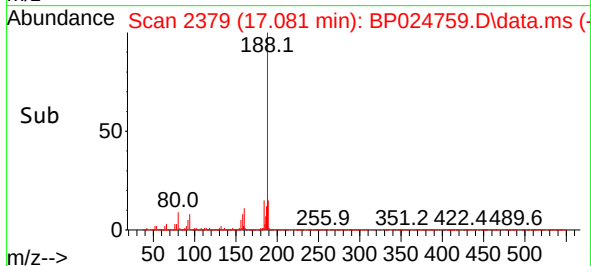
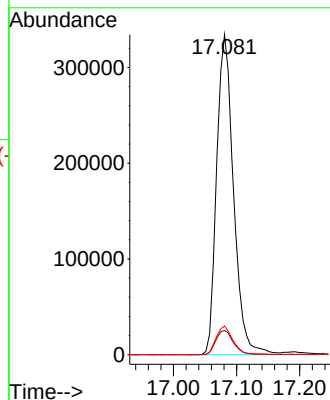
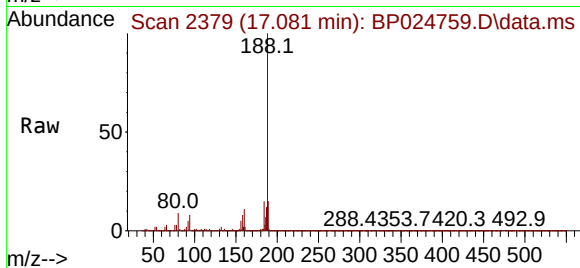
Tgt Ion:188 Resp: 621779

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 9.0 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: BP024759.D

Acq: 22 May 2025 15:00

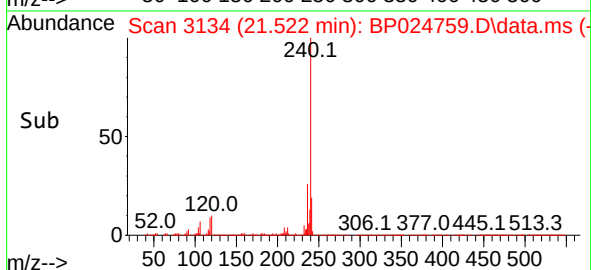
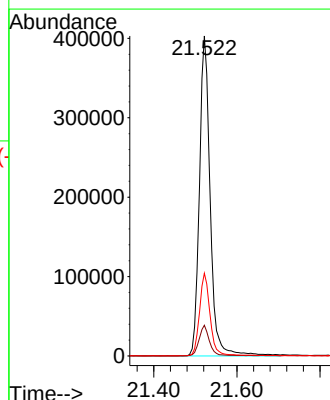
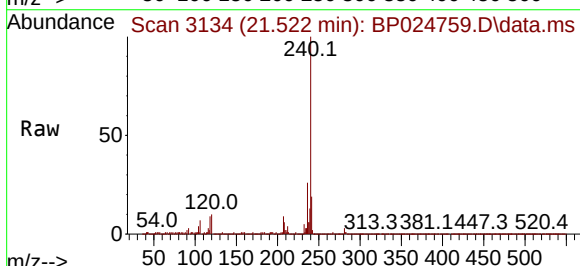
Tgt Ion:240 Resp: 727252

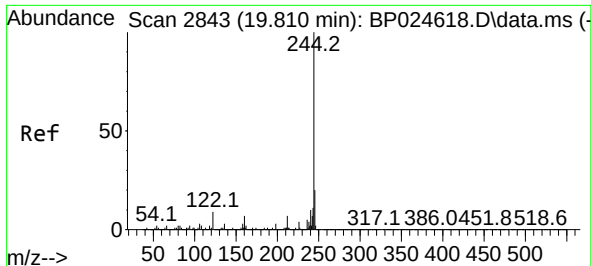
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.6

236 25.9 20.6 31.0

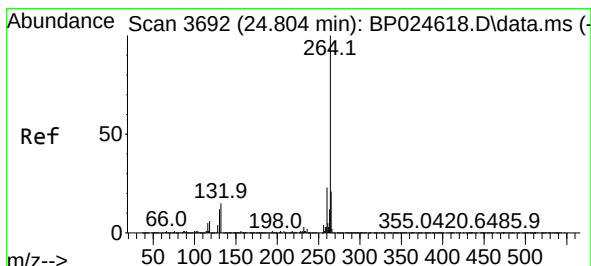
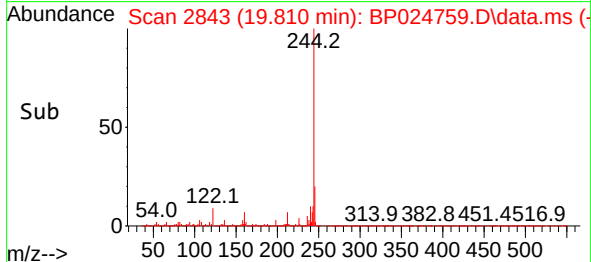
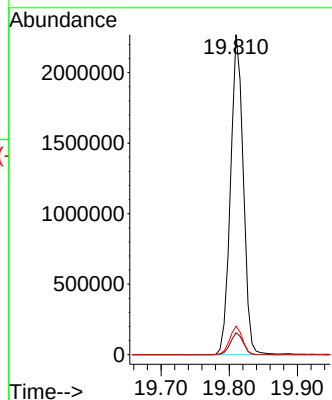
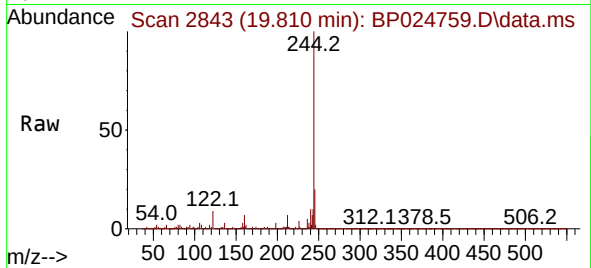




#79
 Terphenyl-d14
 Concen: 69.752 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BP024759.D
 Acq: 22 May 2025 15:00

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 2958368
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.9 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: BP024759.D
 Acq: 22 May 2025 15:00

Tgt Ion:264 Resp: 862768
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.9 17.0 25.6

