

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024783.D
 Acq On : 23 May 2025 07:58
 Operator : RC/JU
 Sample : Q2092-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 08:41:06 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

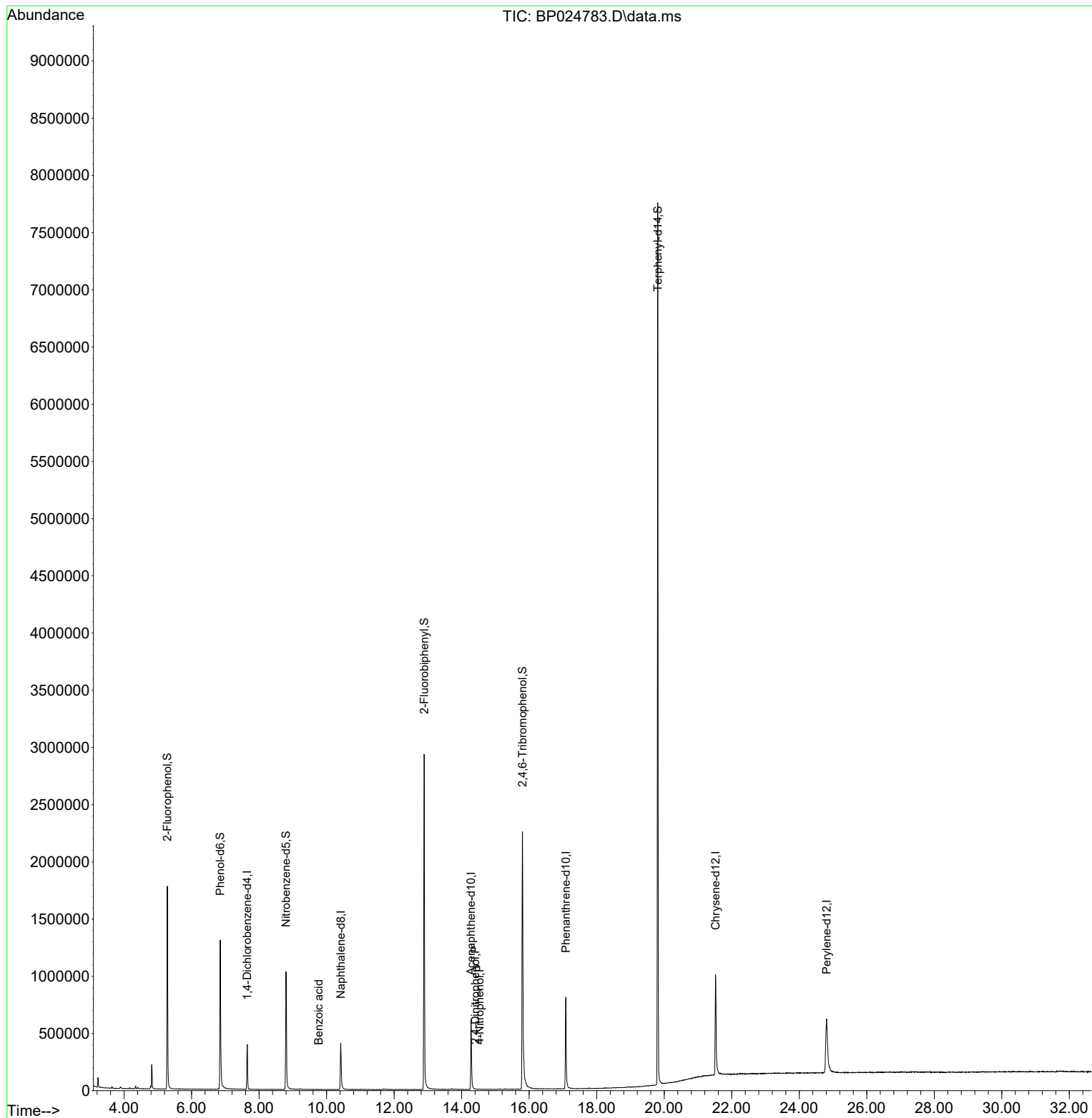
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	106685	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	406667	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	261761	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	594219	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	692149	20.000	ng	0.00
86) Perylene-d12	24.810	264	761383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	797195	127.806	ng	0.00
7) Phenol-d6	6.852	99	878577	110.363	ng	0.00
23) Nitrobenzene-d5	8.799	82	609560	75.735	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	797147	179.635	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1632501	81.707	ng	-0.01
79) Terphenyl-d14	19.810	244	3652199	90.478	ng	0.00
Target Compounds						
32) Benzoic acid	9.769	122	29	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	8	6.404	ng	# 1
56) 4-Nitrophenol	14.528	139	24	4.240	ng	# 80

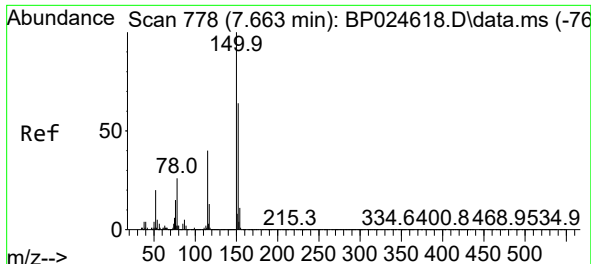
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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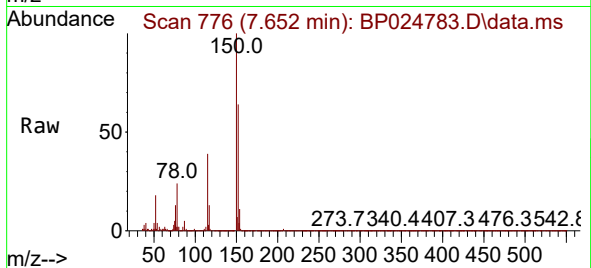
Quant Time: May 23 08:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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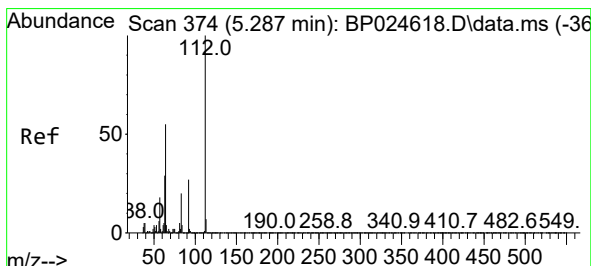
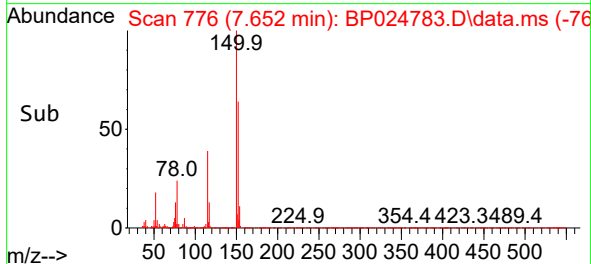
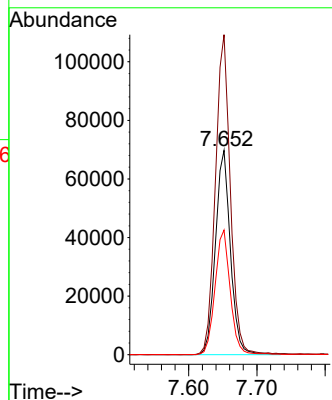


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Instrument :
BNA_P
ClientSampleId :

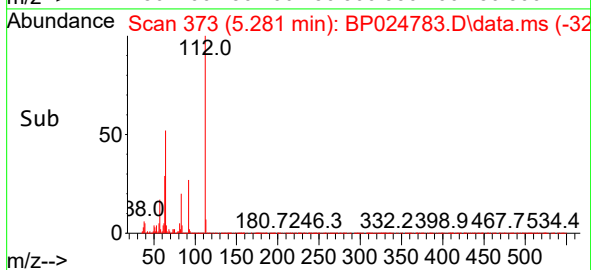
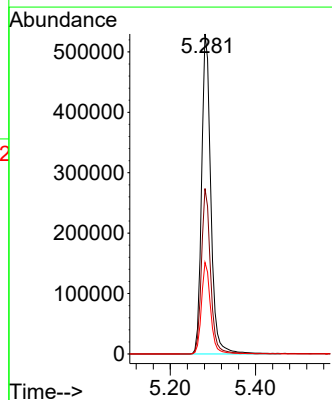
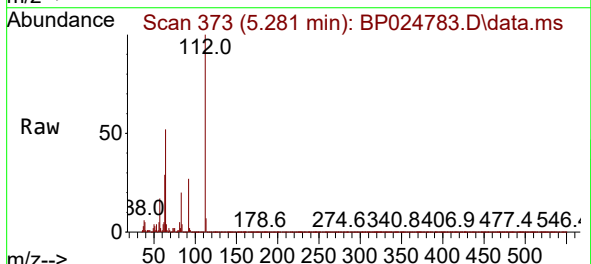


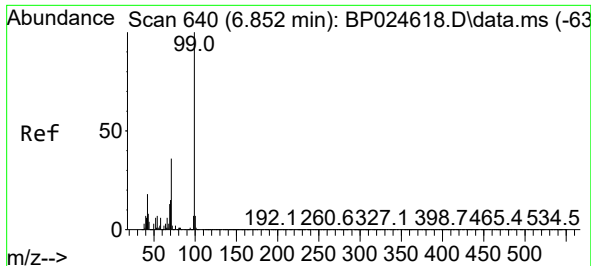
Tgt Ion:152 Resp: 106685
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 61.0 50.1 75.1



#5
2-Fluorophenol
Concen: 127.806 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Tgt Ion:112 Resp: 797195
Ion Ratio Lower Upper
112 100
64 51.7 44.1 66.1
63 28.6 23.5 35.3

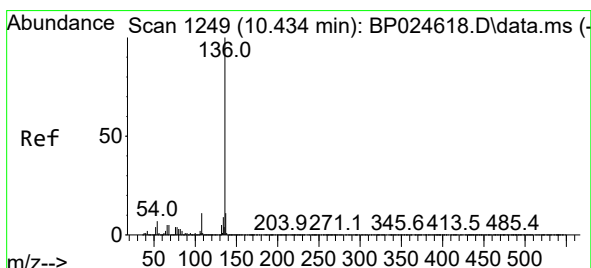
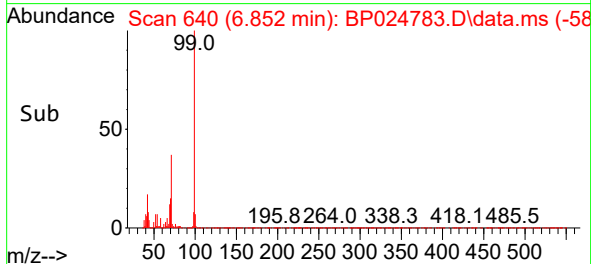
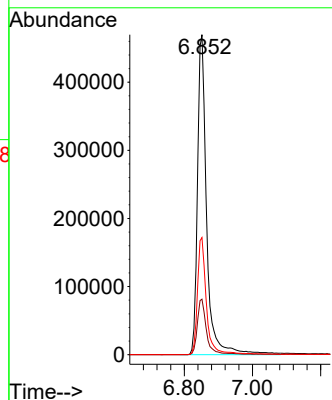
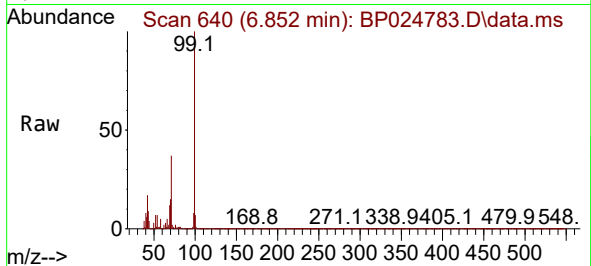




#7
Phenol-d6
Concen: 110.363 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

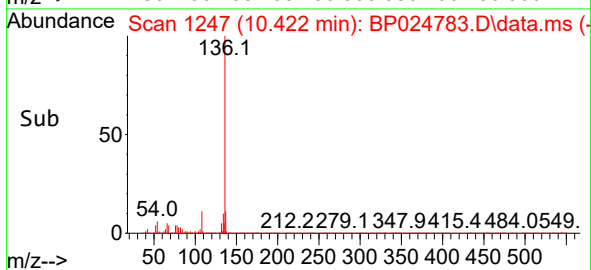
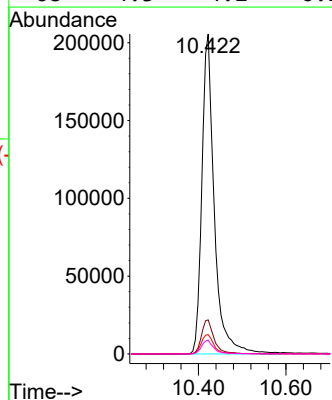
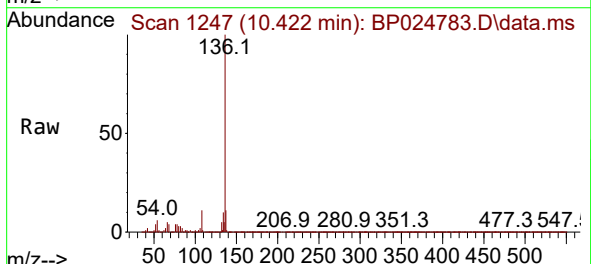
Instrument :
BNA_P
ClientSampleId :

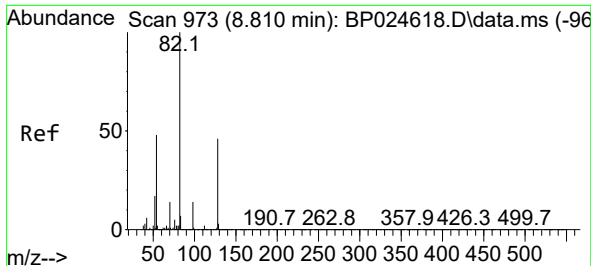
Tgt Ion: 99 Resp: 878577
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Tgt Ion:136 Resp: 406667
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.1 5.5 8.3
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 75.735 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

Instrument :

BNA_P

ClientSampleId :

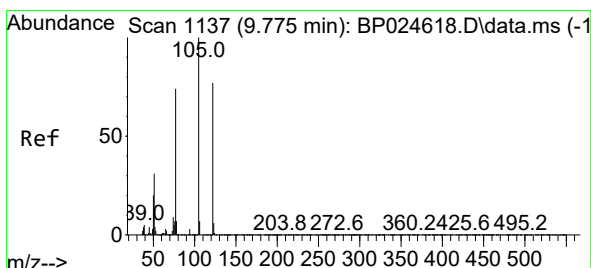
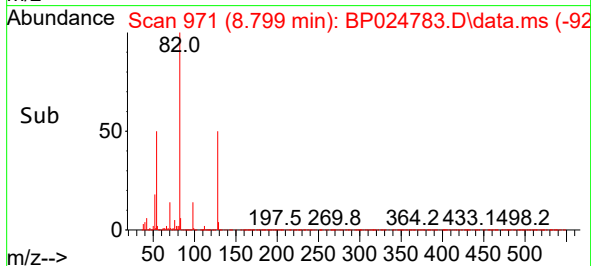
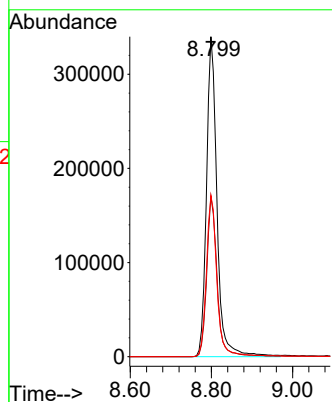
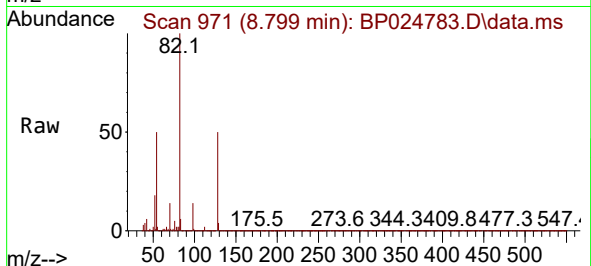
Tgt Ion: 82 Resp: 609560

Ion Ratio Lower Upper

82 100

128 50.1 37.0 55.4

54 50.4 38.7 58.1



#32

Benzoic acid

Concen: 7.474 ng

RT: 9.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

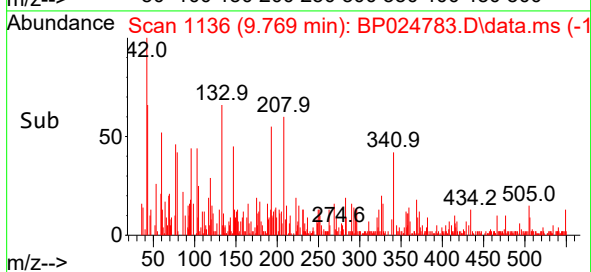
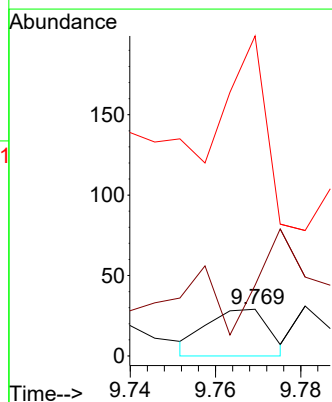
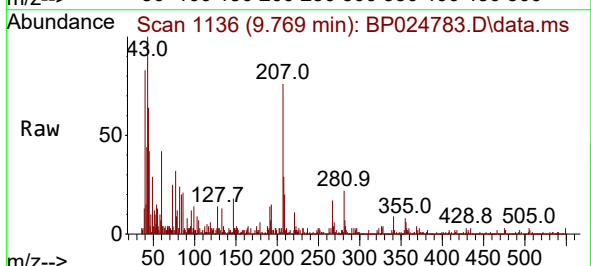
Tgt Ion:122 Resp: 29

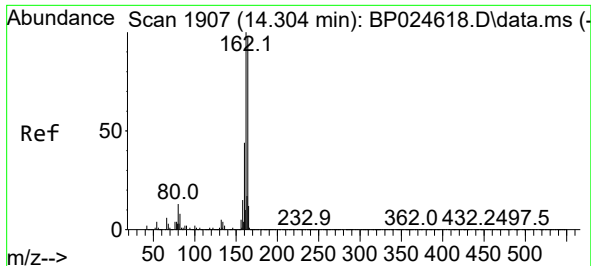
Ion Ratio Lower Upper

122 100

105 151.7 106.9 146.9#

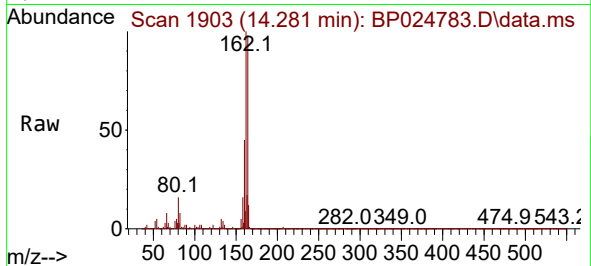
77 686.2 75.1 115.1#



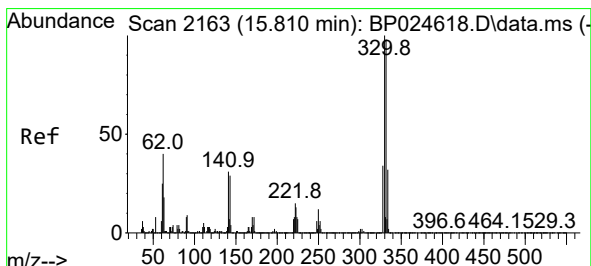
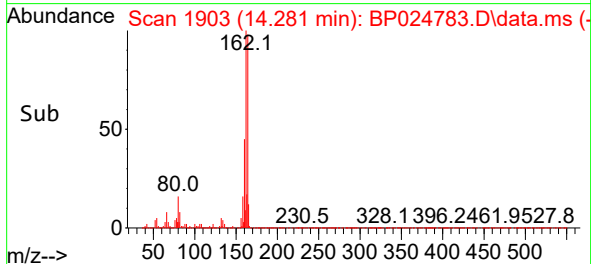
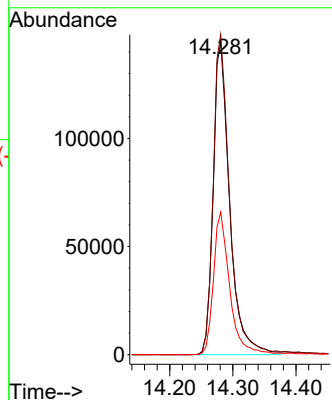


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Instrument :
BNA_P
ClientSampleId :

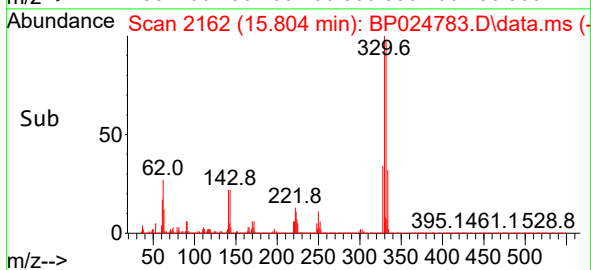
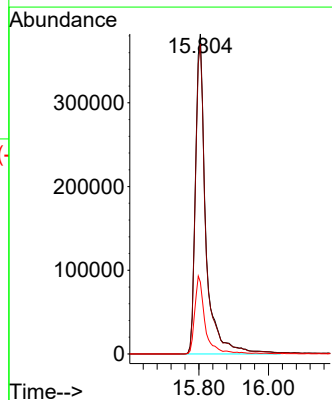
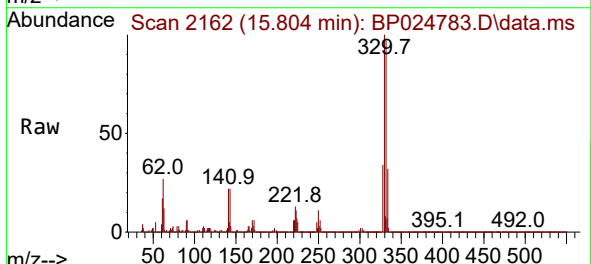


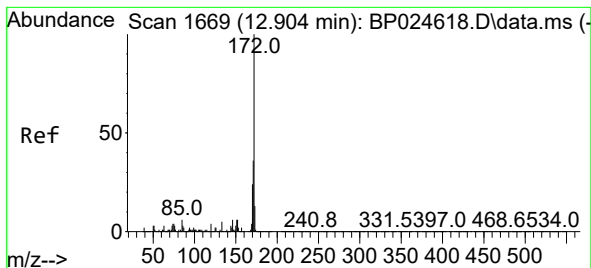
Tgt Ion:164 Resp: 261761
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 179.635 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Tgt Ion:330 Resp: 797147
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 24.1 24.3 36.5#





#45

2-Fluorobiphenyl

Concen: 81.707 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

Instrument :

BNA_P

ClientSampleId :

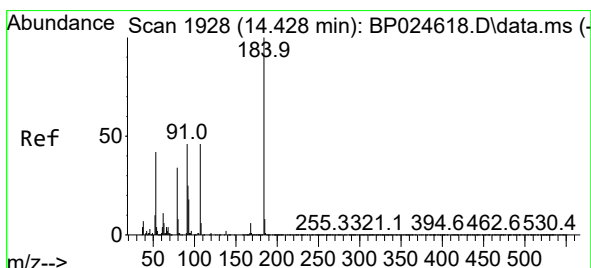
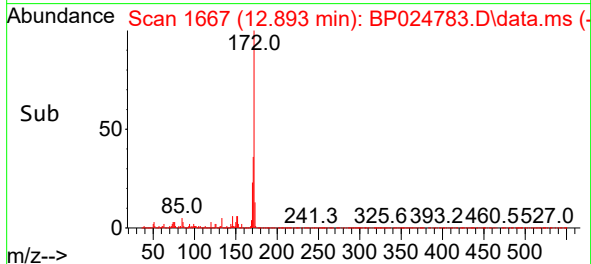
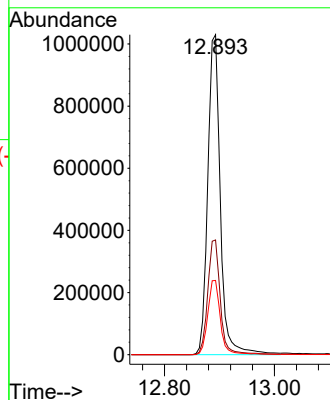
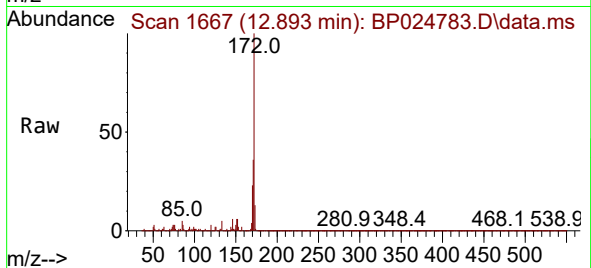
Tgt Ion:172 Resp: 1632501

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.2 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

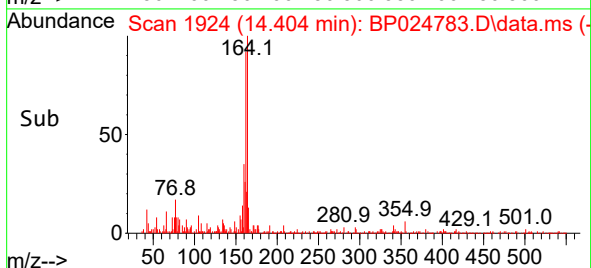
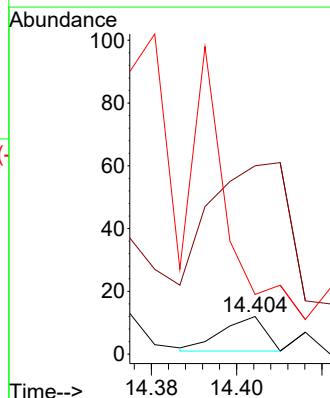
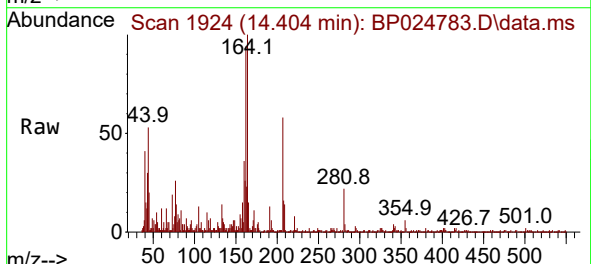
Tgt Ion:184 Resp: 8

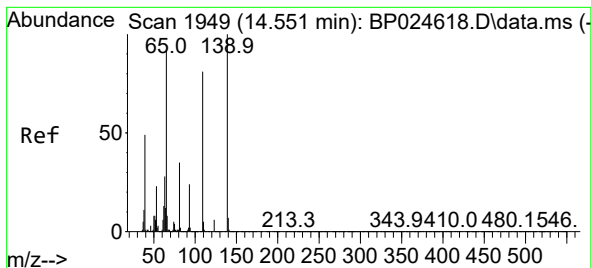
Ion Ratio Lower Upper

184 100

63 500.0 51.3 76.9#

154 158.3 53.5 80.3#

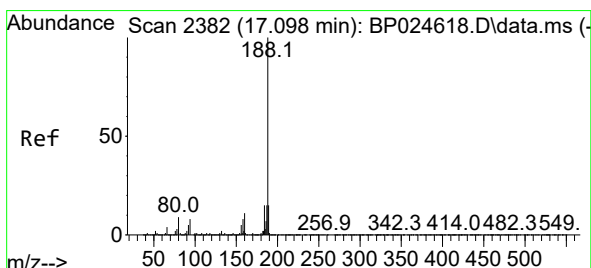
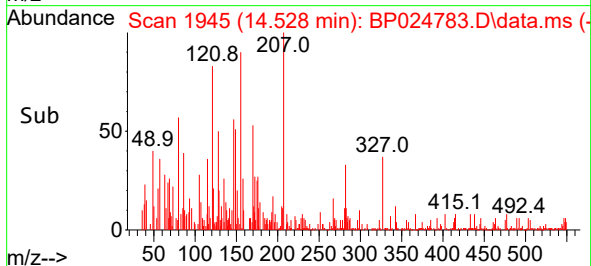
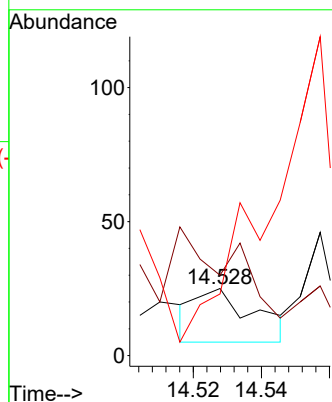
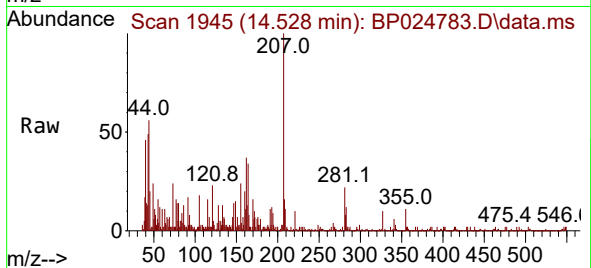




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.023 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

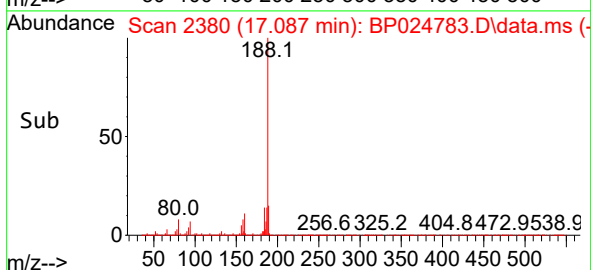
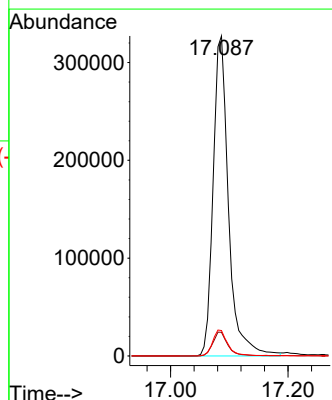
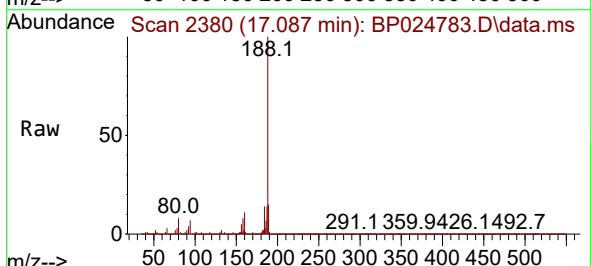
Instrument :
BNA_P
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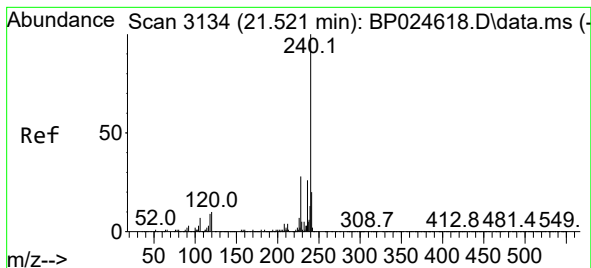
Tgt Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 120.0 61.4 101.4#
65 92.0 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024783.D
Acq: 23 May 2025 07:58

Tgt Ion:188 Resp: 594219
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

Instrument :

BNA_P

ClientSampleId :

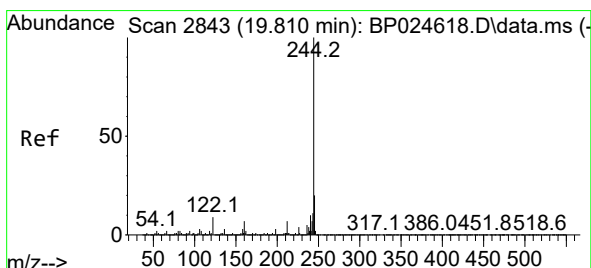
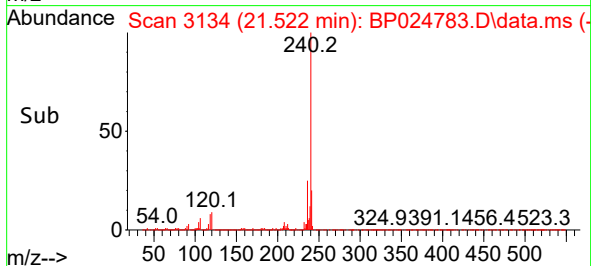
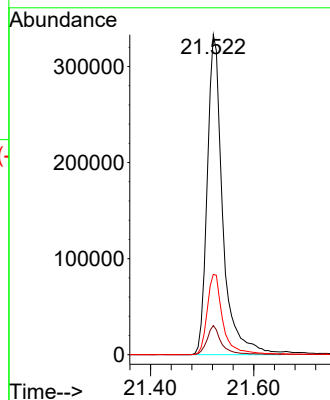
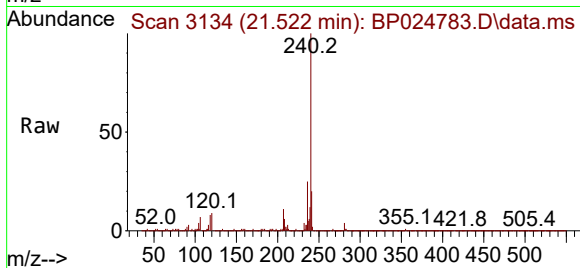
Tgt Ion:240 Resp: 692149

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 90.478 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024783.D

Acq: 23 May 2025 07:58

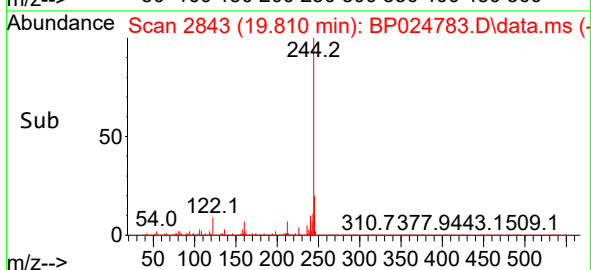
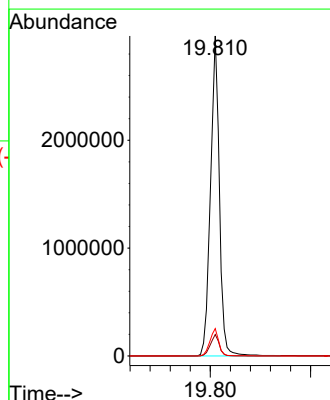
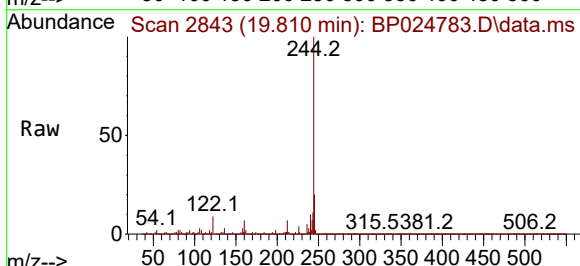
Tgt Ion:244 Resp: 3652199

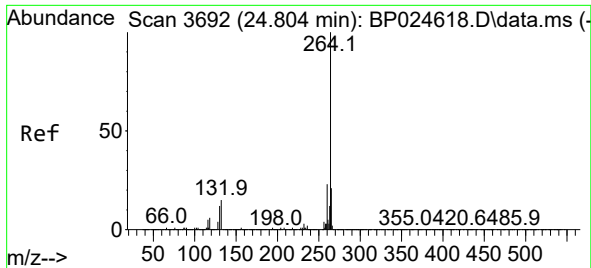
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.5 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: BP024783.D
 Acq: 23 May 2025 07:58

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:264 Resp: 761383
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.4 17.0 25.6

