

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024762.D
 Acq On : 22 May 2025 17:02
 Operator : RC/JU
 Sample : Q2097-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 18:02:56 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)

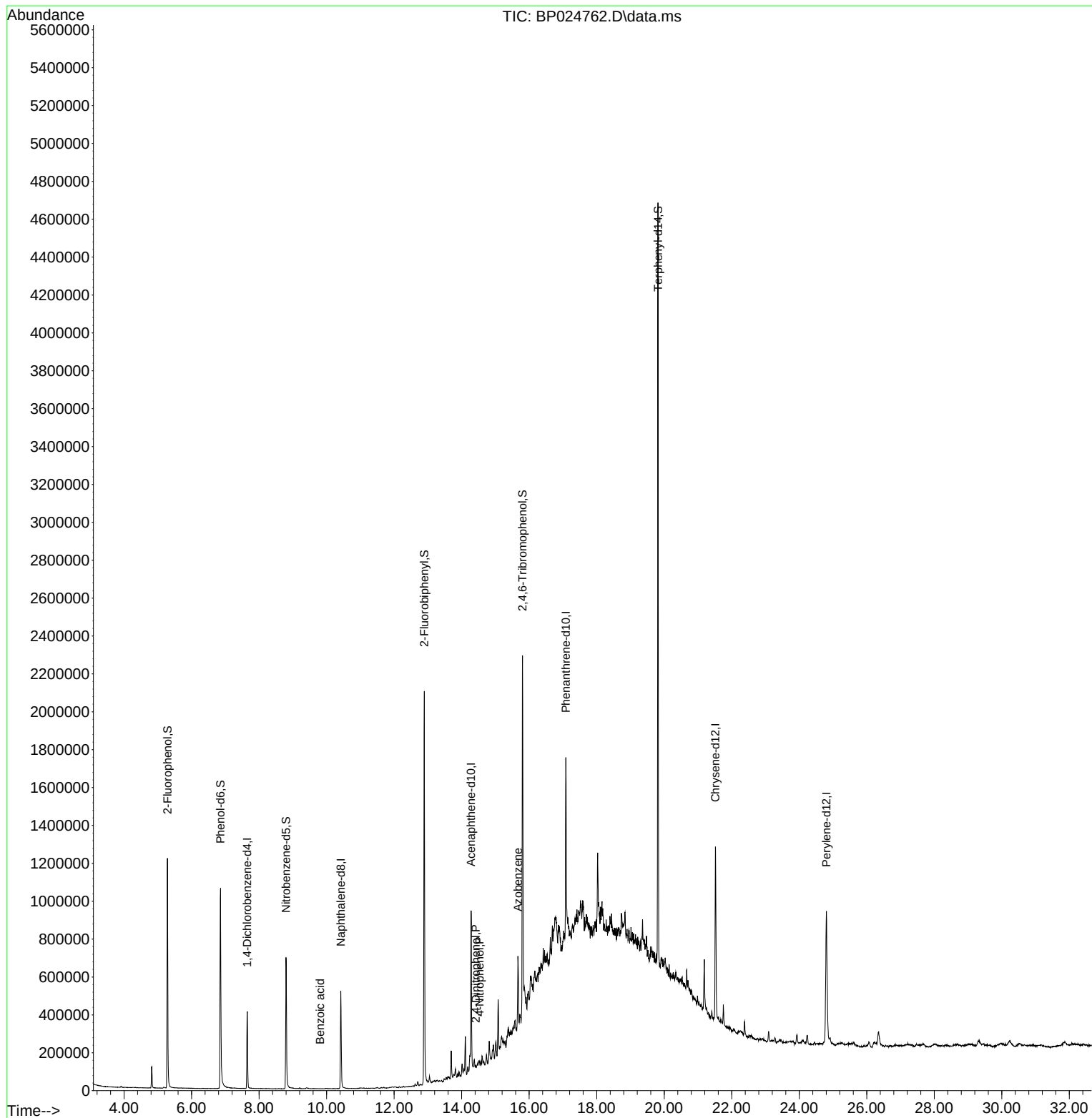
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	113034	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	458027	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	303228	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	559034	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	651722	20.000	ng	0.00
86) Perylene-d12	24.804	264	833493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	572821	86.676	ng	0.00
7) Phenol-d6	6.858	99	717923	85.117	ng	0.00
23) Nitrobenzene-d5	8.799	82	422395	46.596	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	494152	96.128	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1127432	48.712	ng	-0.01
79) Terphenyl-d14	19.816	244	1807255	47.549	ng	0.00
Target Compounds						
32) Benzoic acid	9.810	122	31	7.474	ng	Qvalue 96
54) 2,4-Dinitrophenol	14.422	184	19	6.407	ng	# 1
56) 4-Nitrophenol	14.528	139	238	4.286	ng	# 1
63) Azobenzene	15.669	77	117912	5.900	ng	# 1

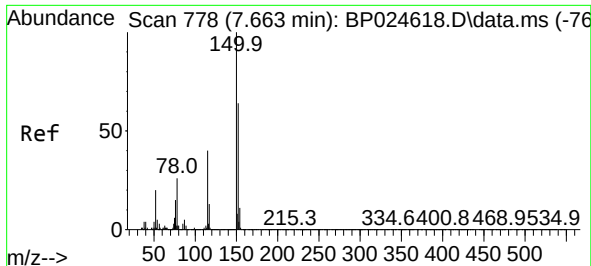
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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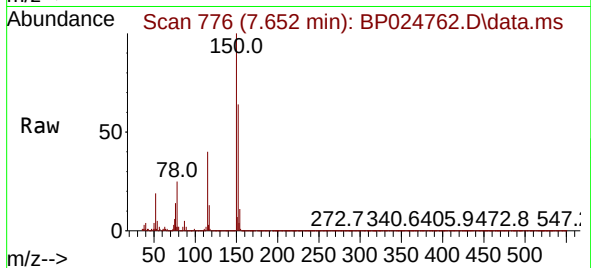
Quant Time: May 22 18:02:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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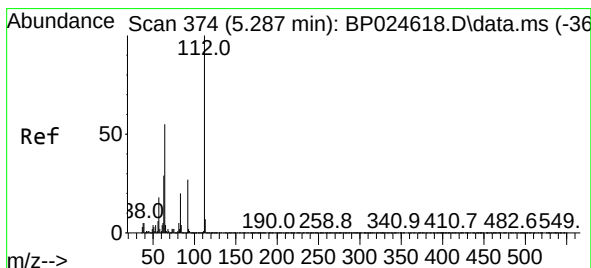
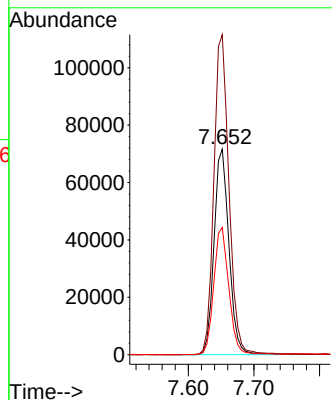
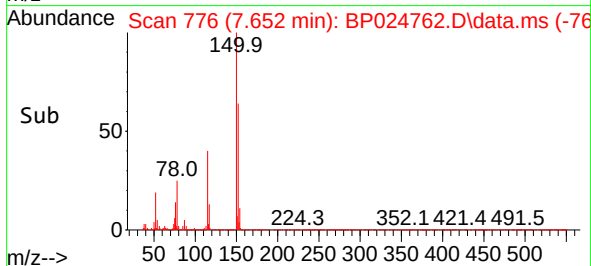


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

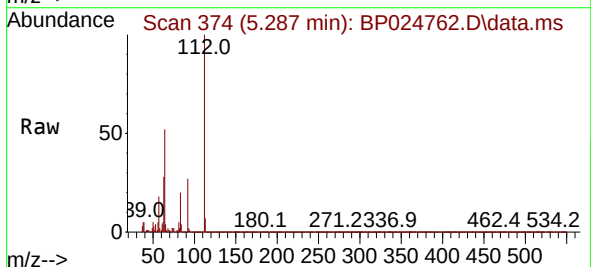
Instrument :
BNA_P
ClientSampleId :



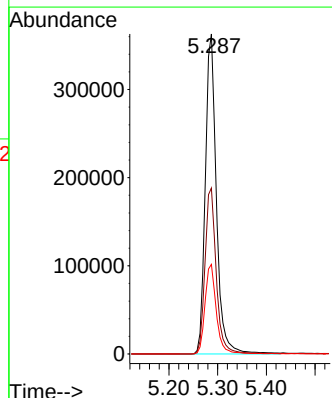
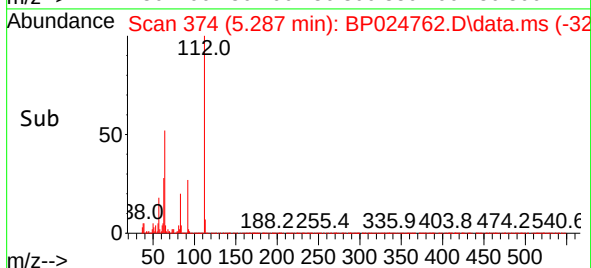
Tgt Ion:152 Resp: 113034
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 61.8 50.1 75.1

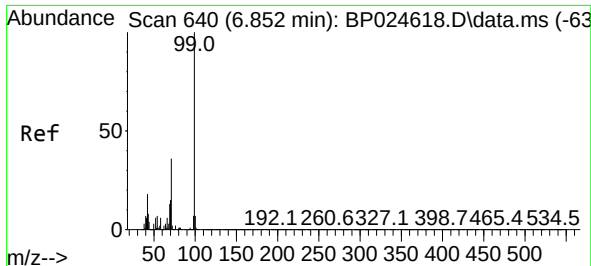


#5
2-Fluorophenol
Concen: 86.676 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02



Tgt Ion:112 Resp: 572821
Ion Ratio Lower Upper
112 100
64 51.9 44.1 66.1
63 28.0 23.5 35.3

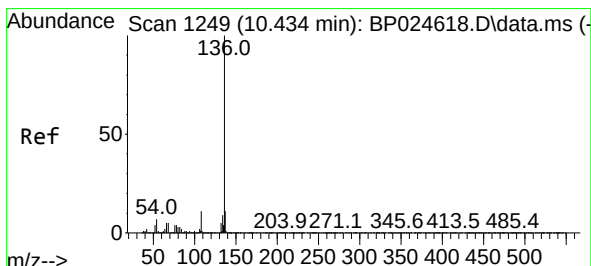
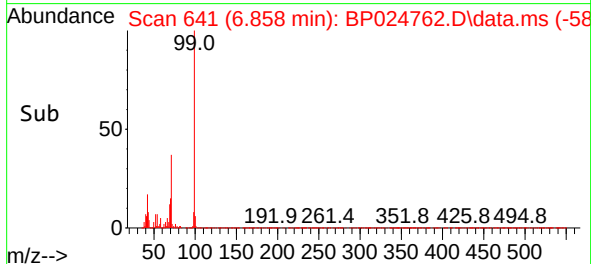
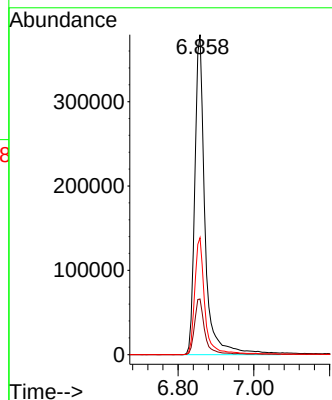
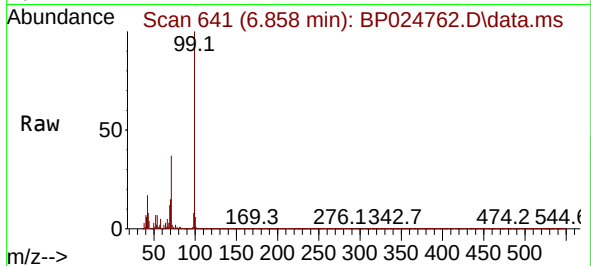




#7
Phenol-d6
Concen: 85.117 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

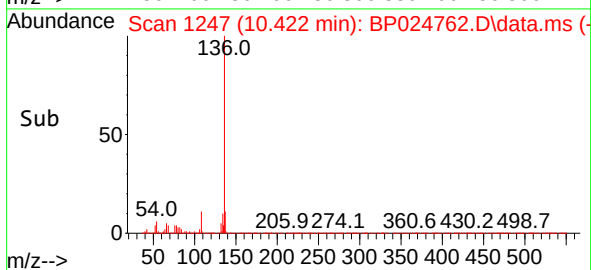
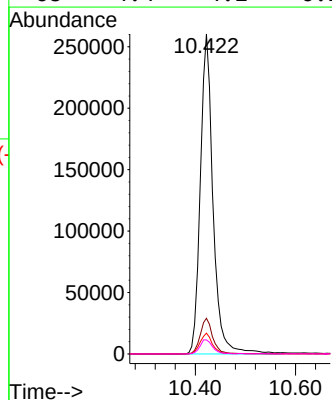
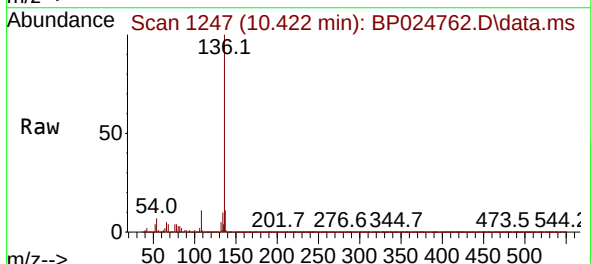
Instrument :
BNA_P
ClientSampleId :

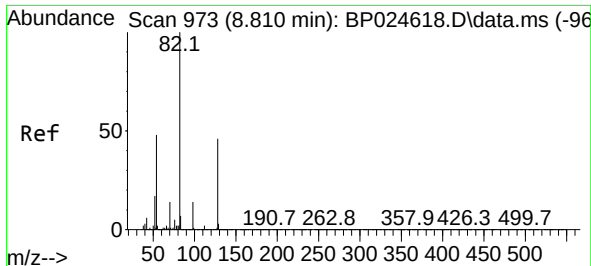
Tgt Ion: 99 Resp: 717923
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

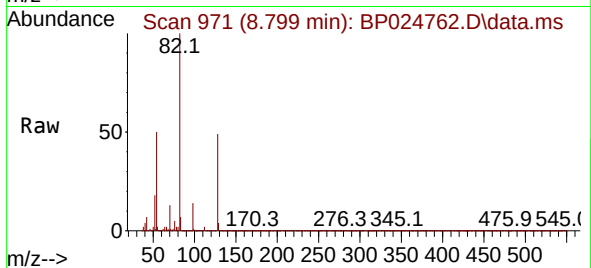
Tgt Ion: 136 Resp: 458027
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.5 8.3
68 4.4 4.2 6.2



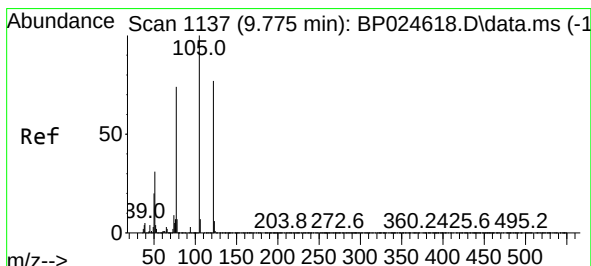
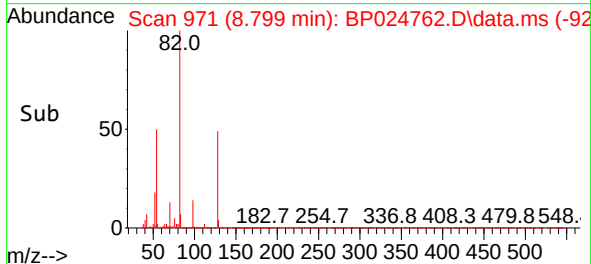
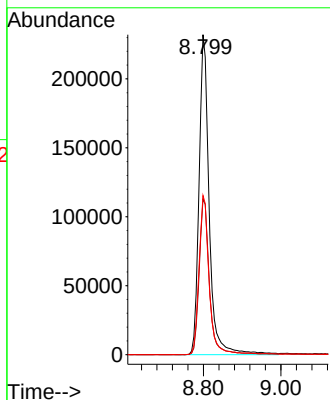


#23
Nitrobenzene-d5
Concen: 46.596 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Instrument :
BNA_P
ClientSampleId :

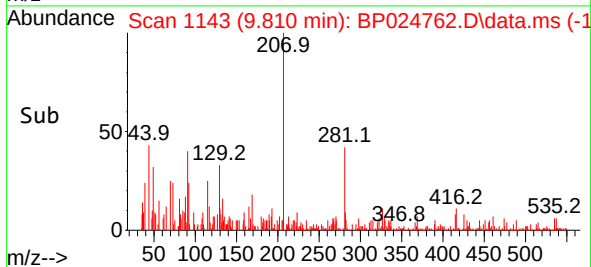
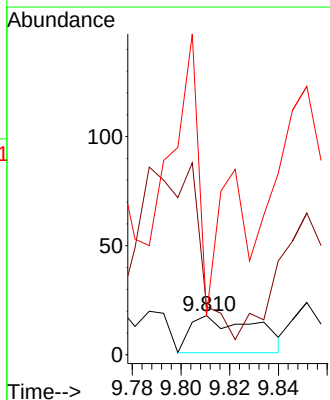
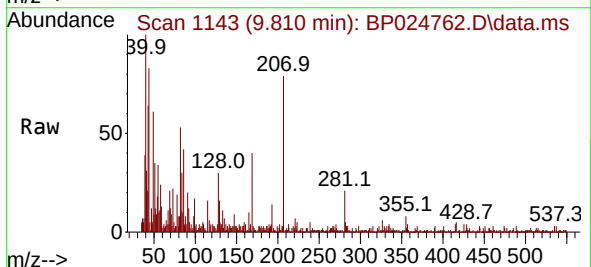


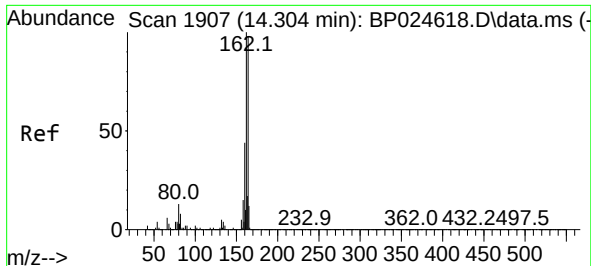
Tgt Ion: 82 Resp: 422395
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 49.8 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.035 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion: 122 Resp: 31
Ion Ratio Lower Upper
122 100
105 122.2 106.9 146.9
77 100.0 75.1 115.1

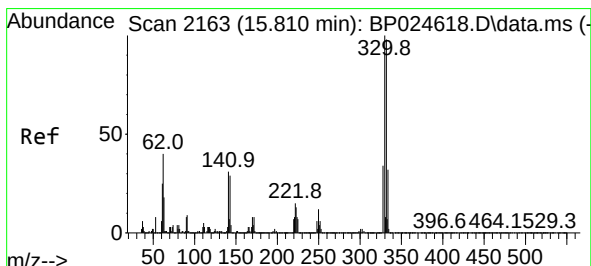
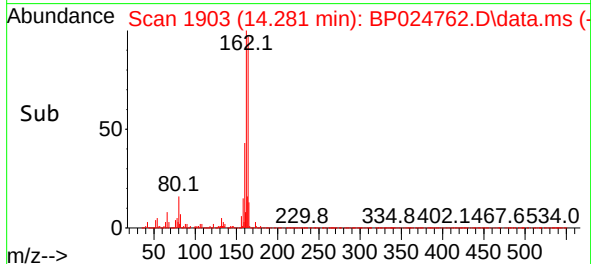
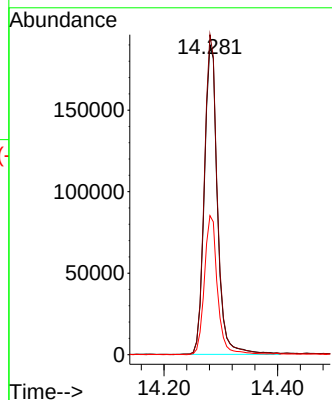
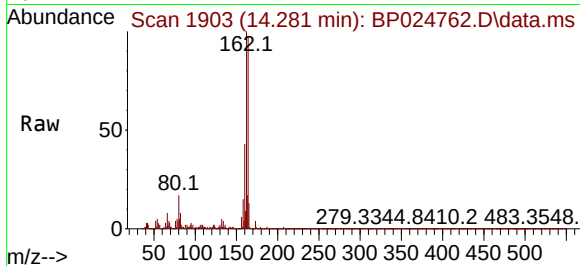




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

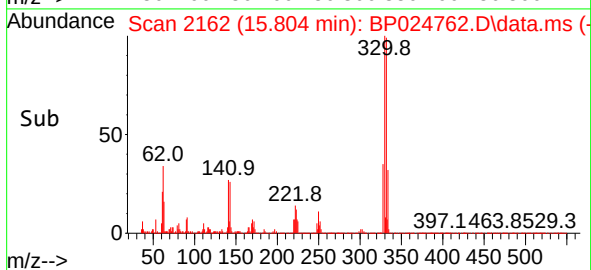
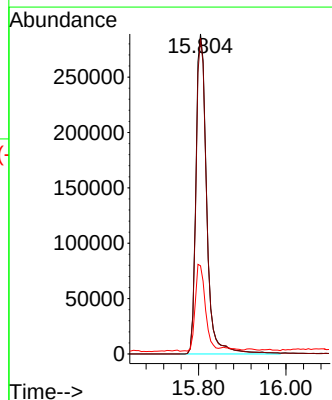
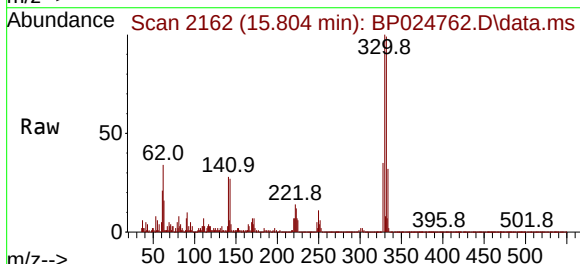
Instrument :
BNA_P
ClientSampleId :

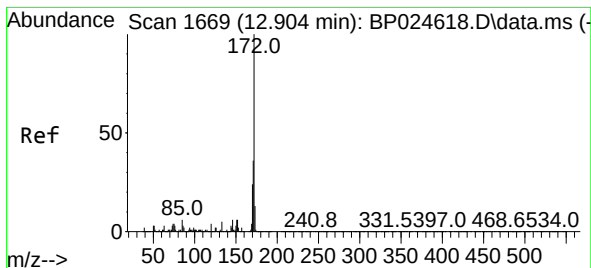
Tgt Ion:164 Resp: 303228
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 96.128 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:330 Resp: 494152
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.4
141 25.3 24.3 36.5

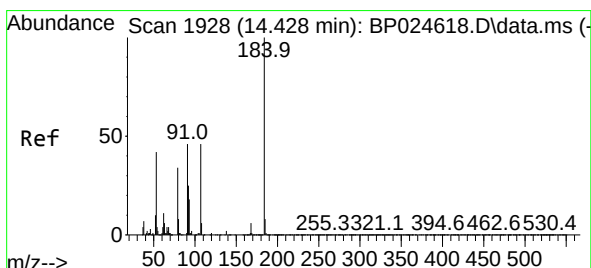
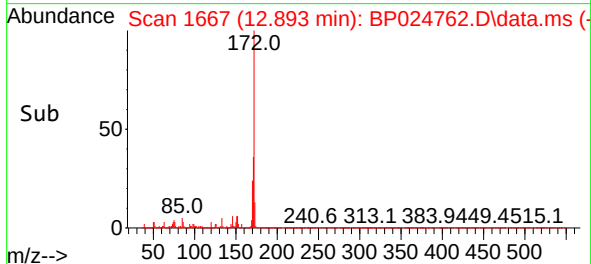
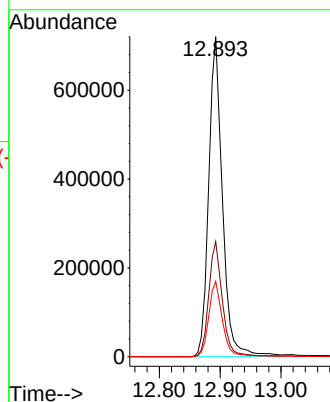
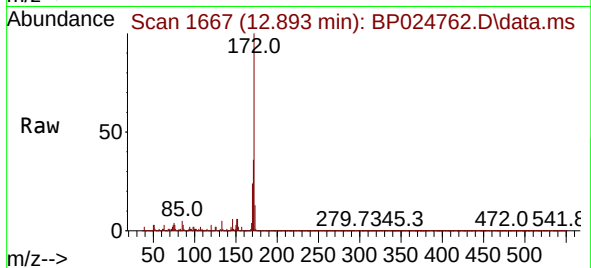




#45
2-Fluorobiphenyl
Concen: 48.712 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

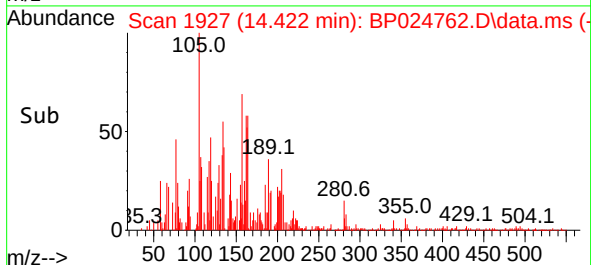
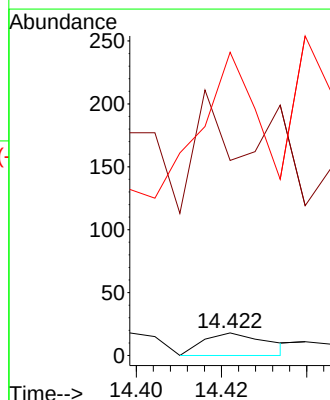
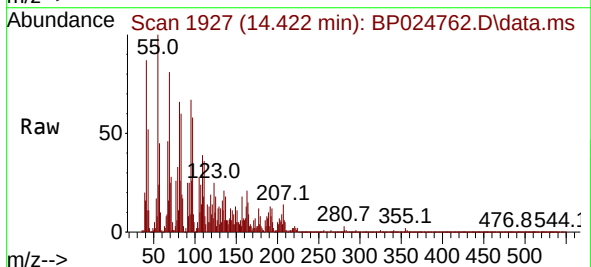
Instrument :
BNA_P
ClientSampleId :

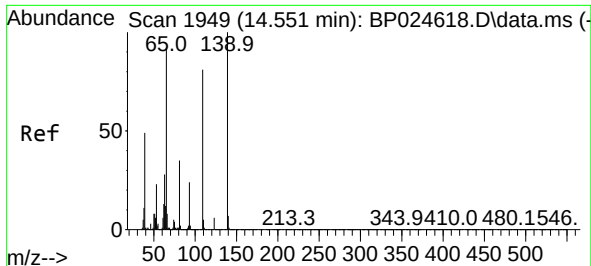
Tgt Ion:172 Resp: 1127432
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 861.1 51.3 76.9#
154 1338.9 53.5 80.3#

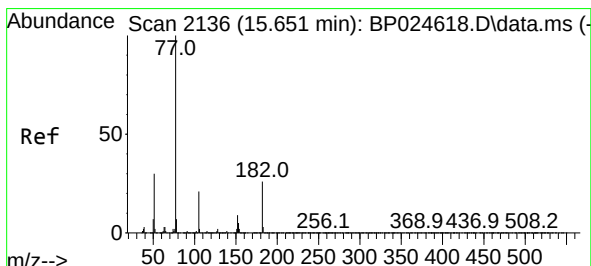
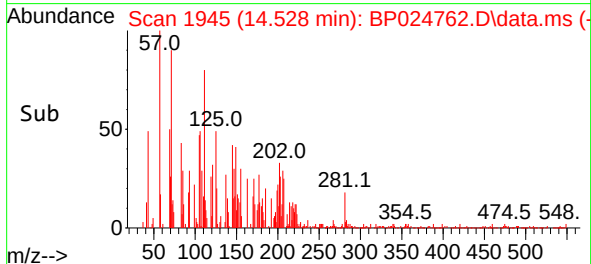
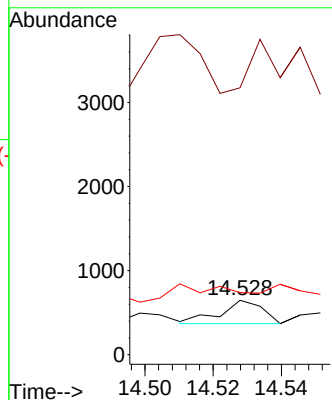
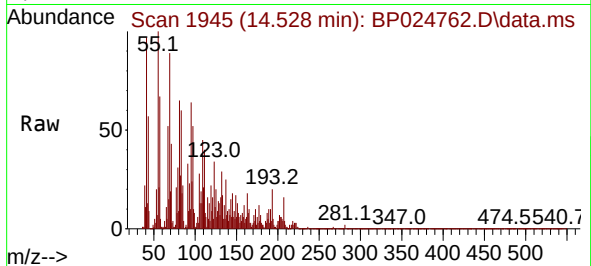




#56
4-Nitrophenol
Concen: 4.286 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.023 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

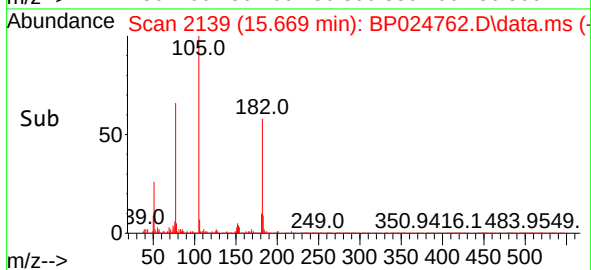
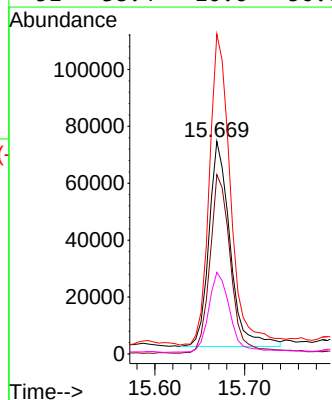
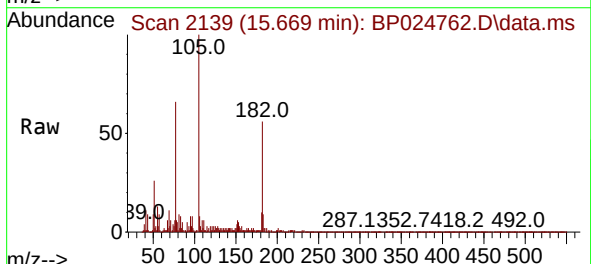
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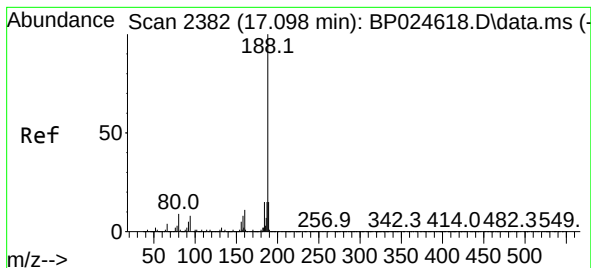
Tgt Ion:139 Resp: 238
Ion Ratio Lower Upper
139 100
109 489.8 61.4 101.4#
65 114.0 72.2 112.2#



#63
Azobenzene
Concen: 5.900 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion: 77 Resp: 117912
Ion Ratio Lower Upper
77 100
182 84.3 5.7 45.7#
105 150.5 1.3 41.3#
51 38.4 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024762.D

Acq: 22 May 2025 17:02

Instrument :

BNA_P

ClientSampleId :

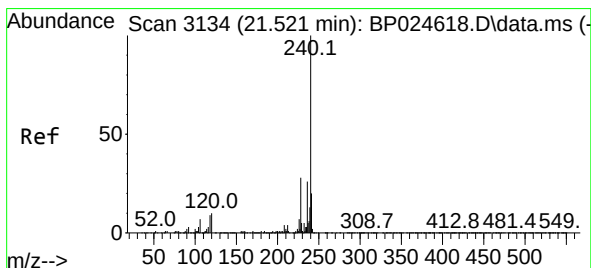
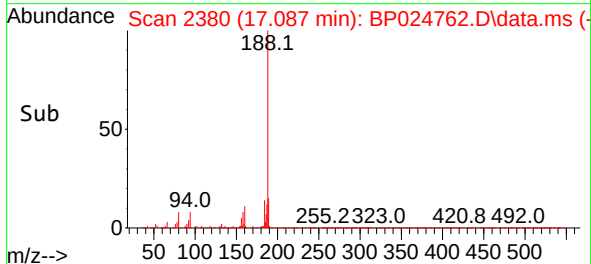
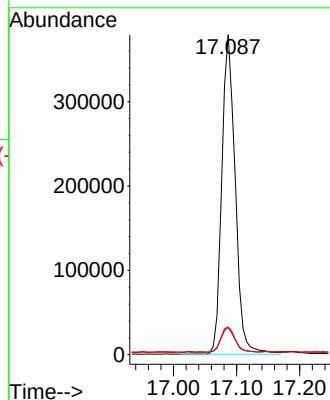
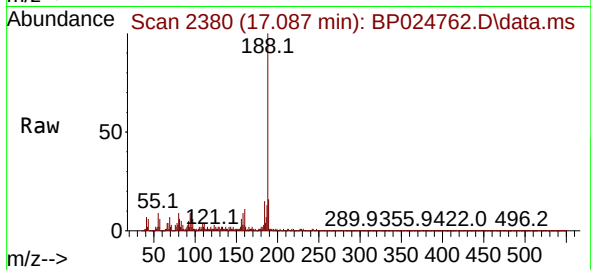
Tgt Ion:188 Resp: 559034

Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

80 8.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024762.D

Acq: 22 May 2025 17:02

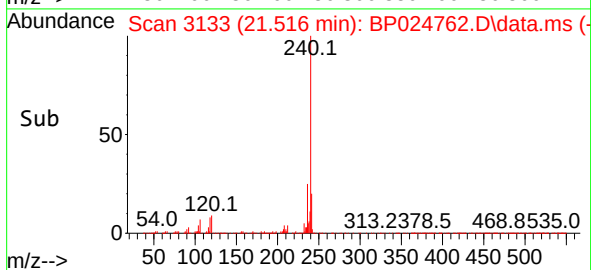
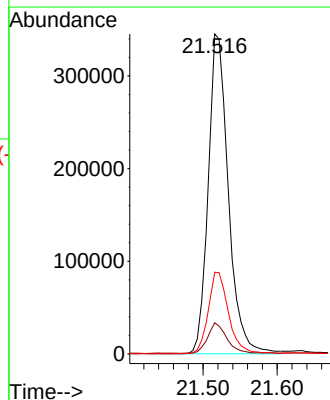
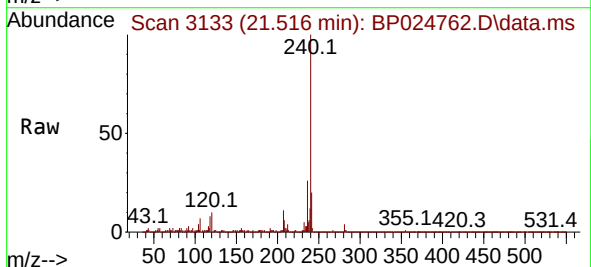
Tgt Ion:240 Resp: 651722

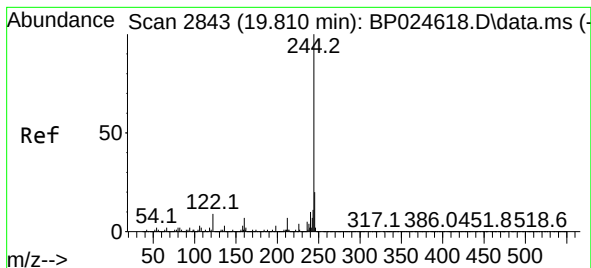
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 47.549 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024762.D

Acq: 22 May 2025 17:02

Instrument :

BNA_P

ClientSampleId :

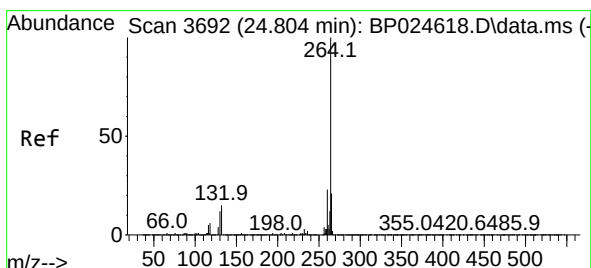
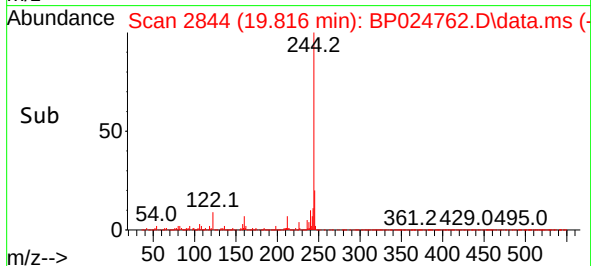
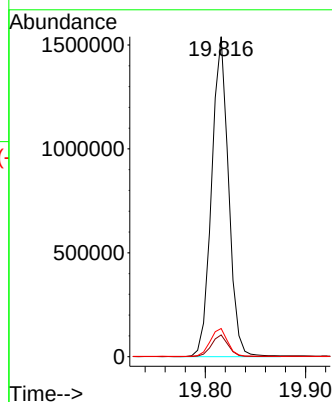
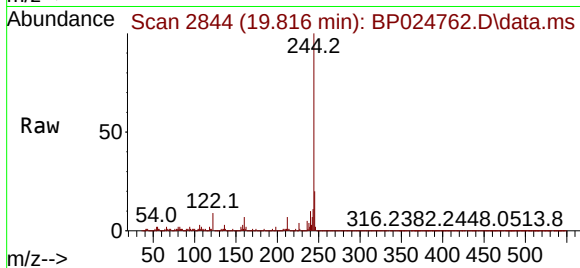
Tgt Ion:244 Resp: 1807255

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.8 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: BP024762.D

Acq: 22 May 2025 17:02

Tgt Ion:264 Resp: 833493

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 17.0 25.6

