

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024757.D
 Acq On : 22 May 2025 13:39
 Operator : RC/JU
 Sample : Q2071-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 14:31:59 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)

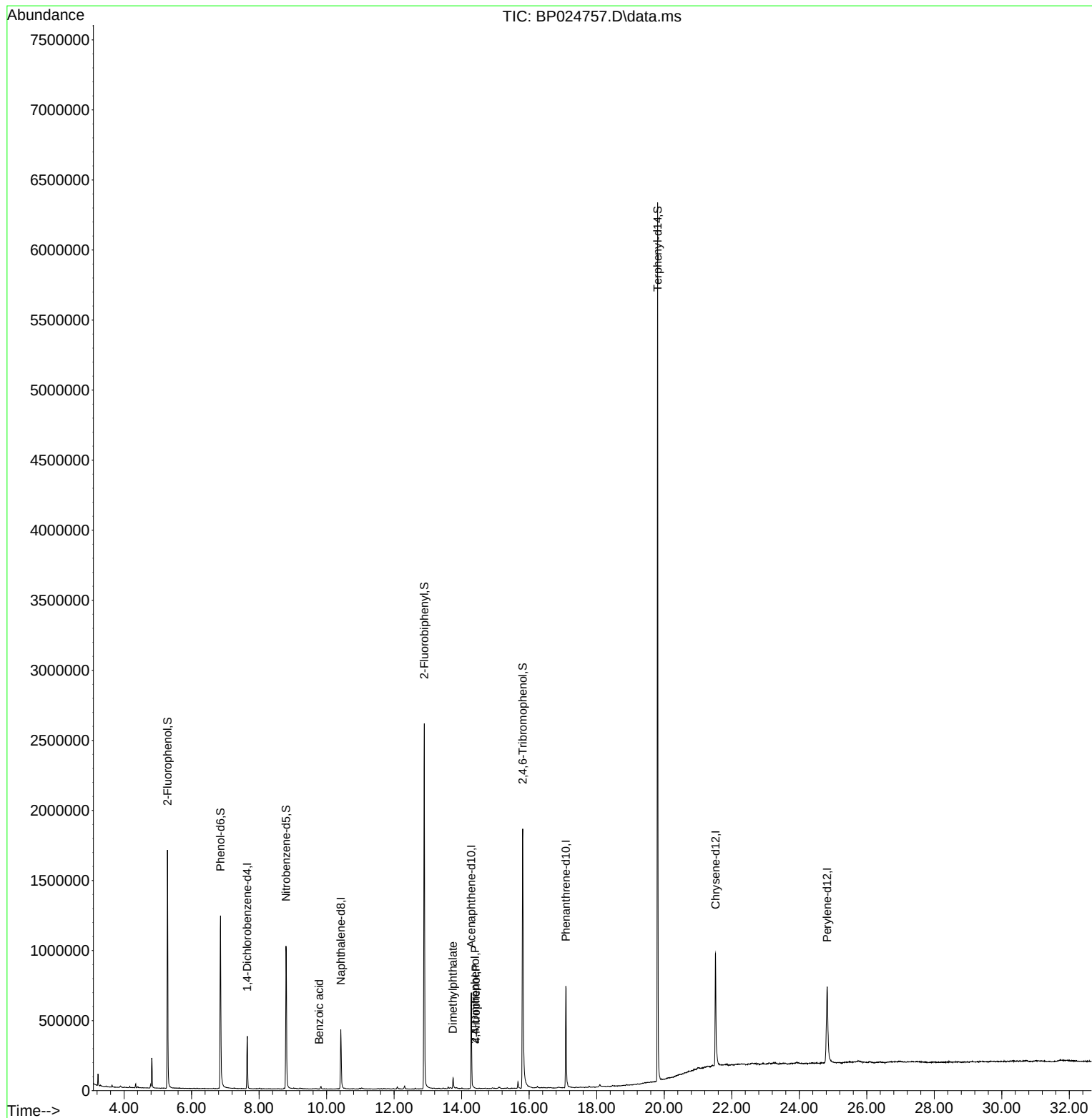
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	103794	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	386398	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	237639	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	494000	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	582181	20.000	ng	0.00
86) Perylene-d12	24.827	264	712426	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	753543	124.173	ng	0.00
7) Phenol-d6	6.858	99	810259	104.616	ng	0.00
23) Nitrobenzene-d5	8.799	82	619632	81.025	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	610462	151.530	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1423895	78.501	ng	-0.01
79) Terphenyl-d14	19.804	244	2916773	85.908	ng	0.00
Target Compounds						
32) Benzoic acid	9.781	122	25	7.474	ng	Qvalue # 1
50) Dimethylphthalate	13.746	163	65802	3.633	ng	100
54) 2,4-Dinitrophenol	14.398	184	18	6.408	ng	# 1
56) 4-Nitrophenol	14.422	139	47	4.247	ng	90

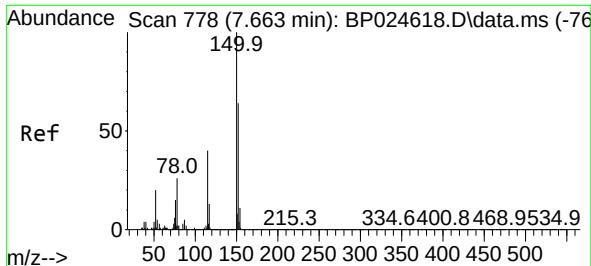
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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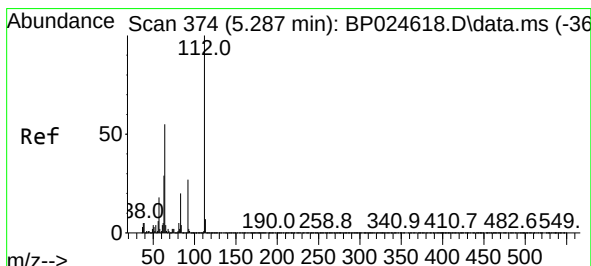
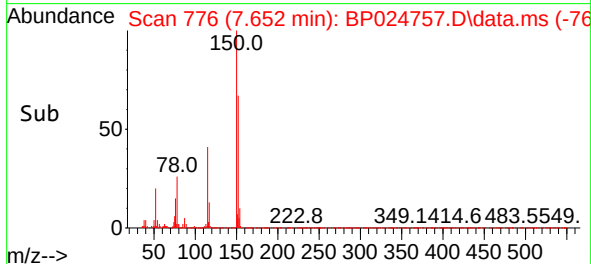
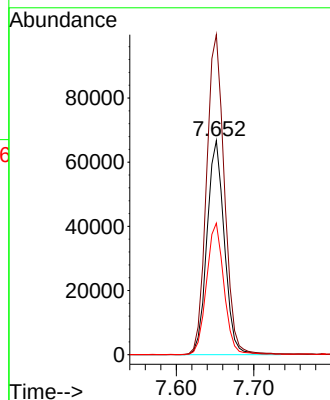
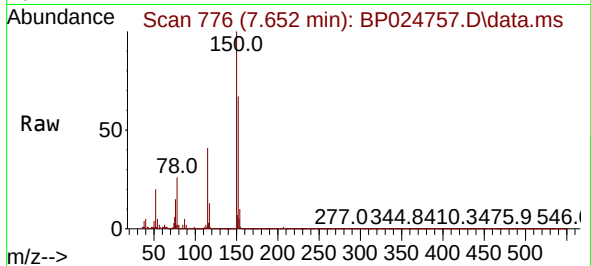




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

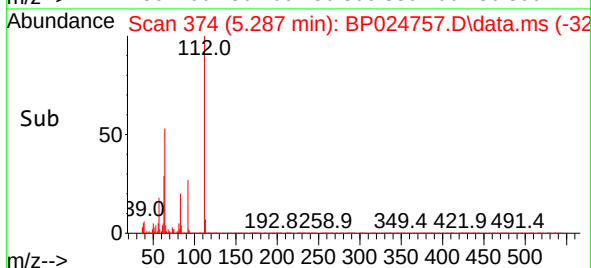
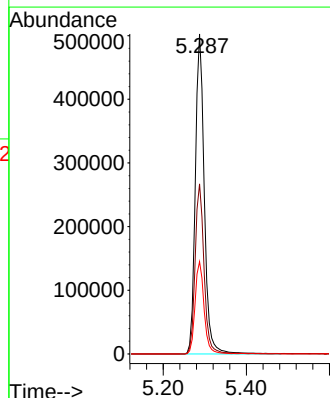
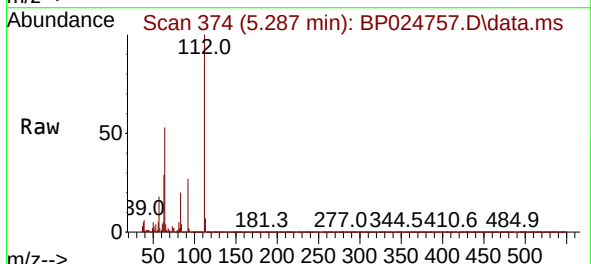
Instrument :
BNA_P
ClientSampleId :

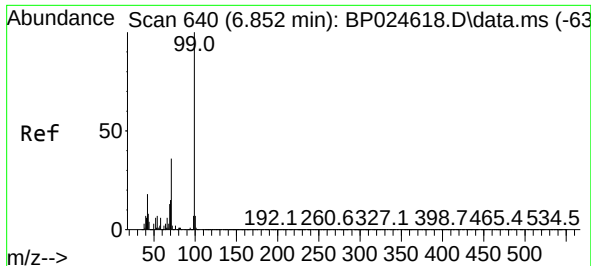
Tgt Ion:152 Resp: 103794
Ion Ratio Lower Upper
152 100
150 149.5 125.9 188.9
115 61.4 50.1 75.1



#5
2-Fluorophenol
Concen: 124.173 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Tgt Ion:112 Resp: 753543
Ion Ratio Lower Upper
112 100
64 53.2 44.1 66.1
63 28.9 23.5 35.3

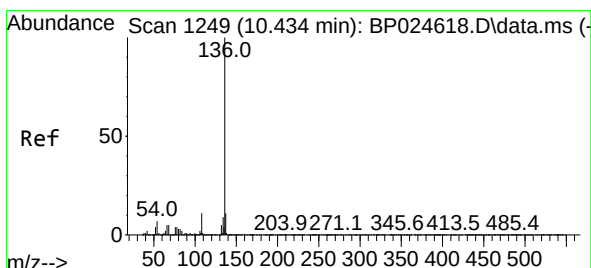
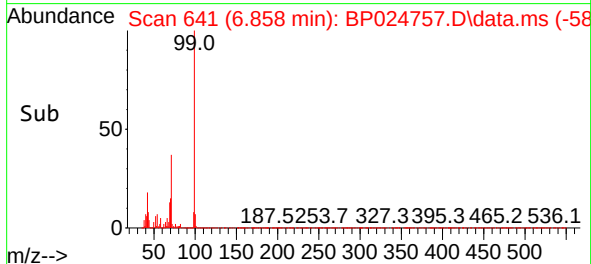
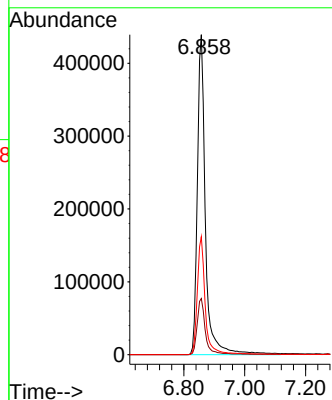
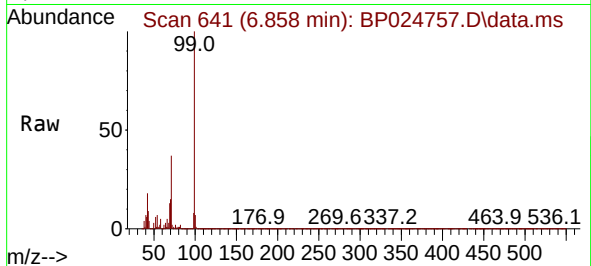




#7
Phenol-d6
Concen: 104.616 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

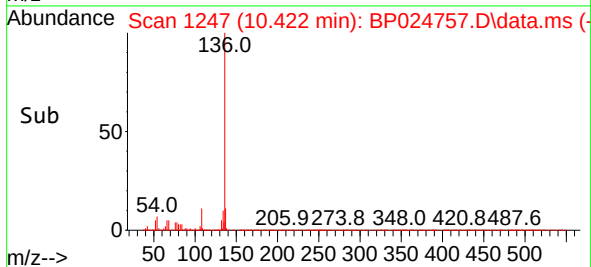
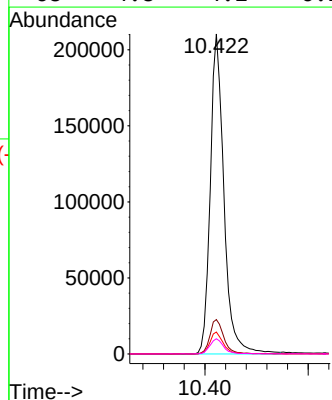
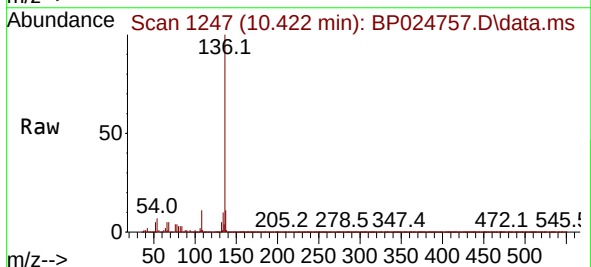
Instrument :
BNA_P
ClientSampleId :

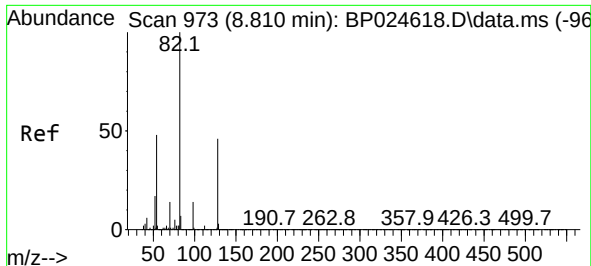
Tgt Ion: 99 Resp: 810259
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Tgt Ion:136 Resp: 386398
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.9 5.5 8.3
68 4.8 4.2 6.2

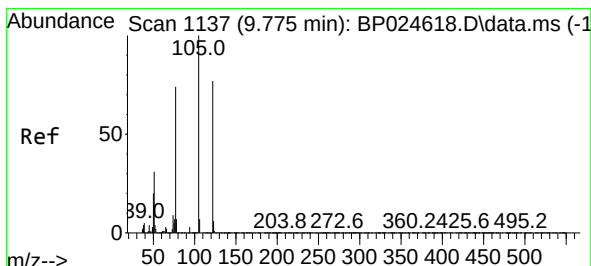
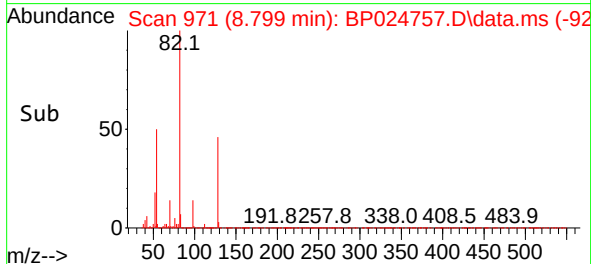
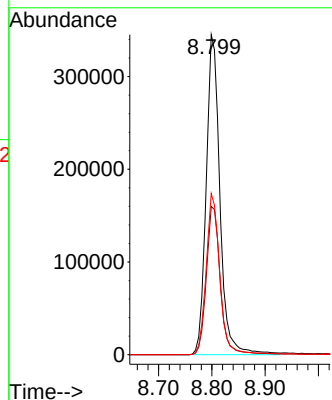
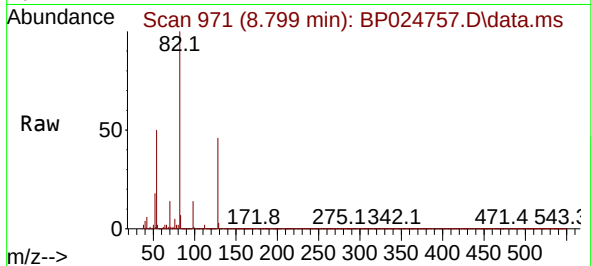




#23
Nitrobenzene-d5
Concen: 81.025 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

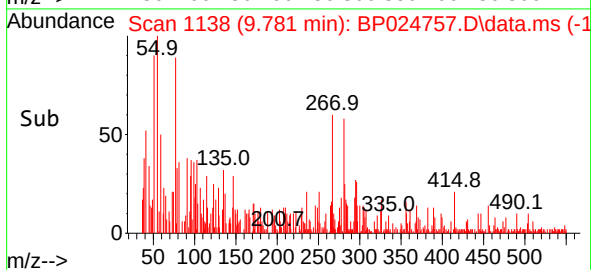
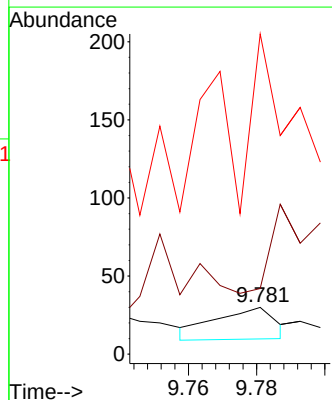
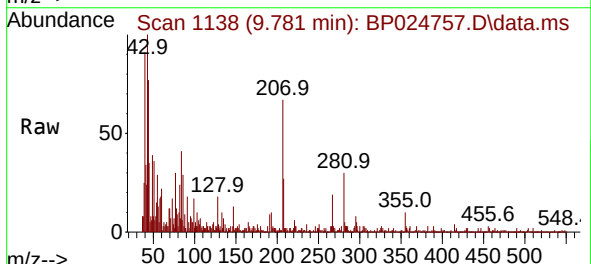
Instrument :
BNA_P
ClientSampleId :

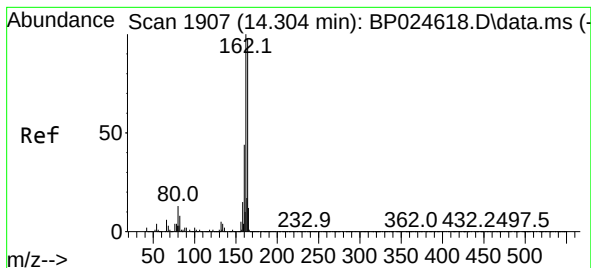
Tgt Ion: 82 Resp: 619632
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 50.4 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 140.0 106.9 146.9
77 683.3 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1907

Delta R.T. -0.018 min

Lab File: BP024757.D

Acq: 22 May 2025 13:39

Instrument :

BNA_P

ClientSampleId :

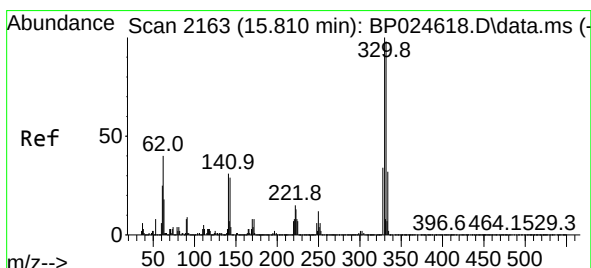
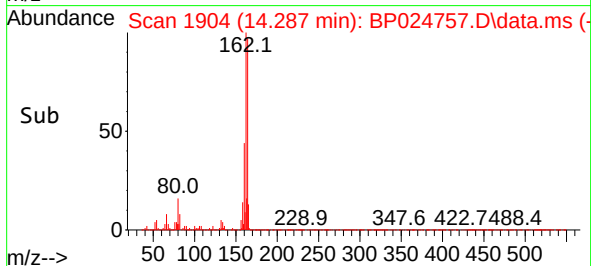
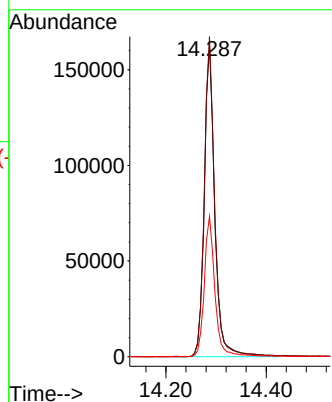
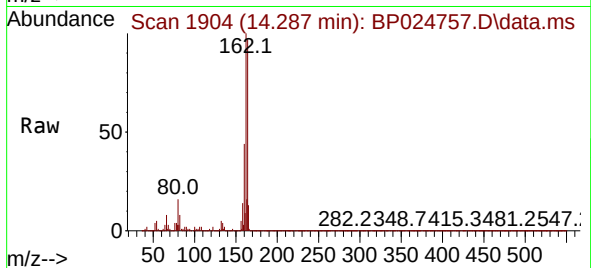
Tgt Ion:164 Resp: 237639

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 151.530 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024757.D

Acq: 22 May 2025 13:39

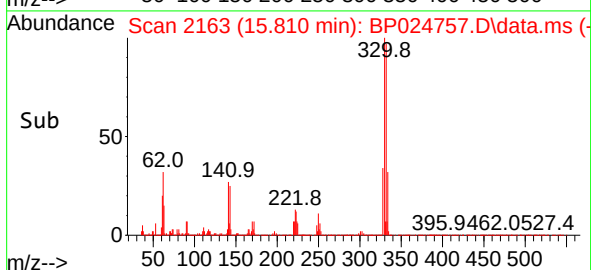
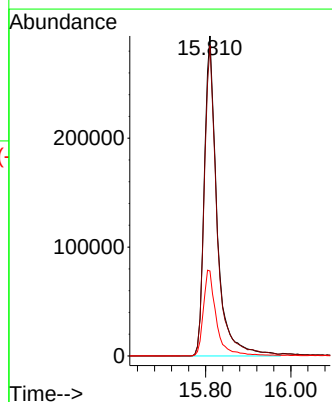
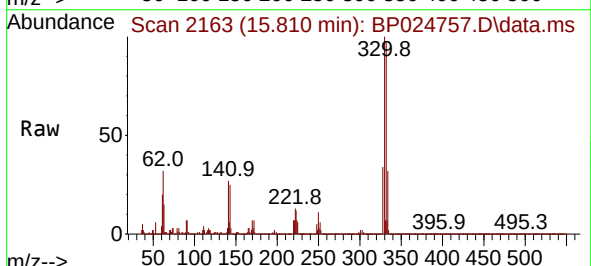
Tgt Ion:330 Resp: 610462

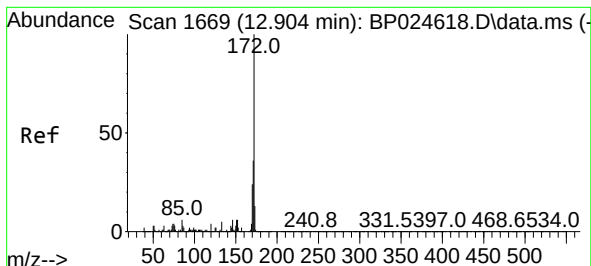
Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

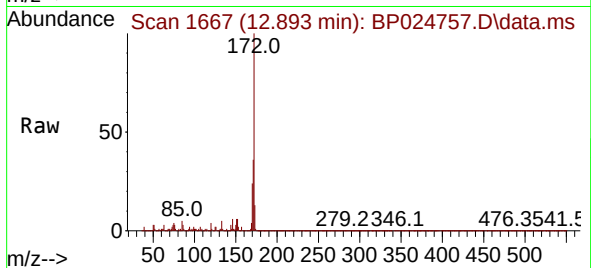
141 27.6 24.3 36.5



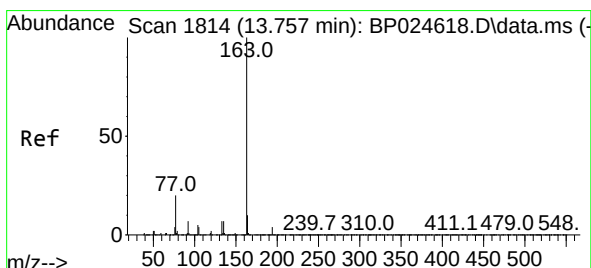
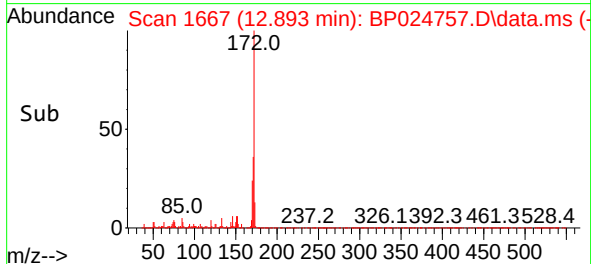
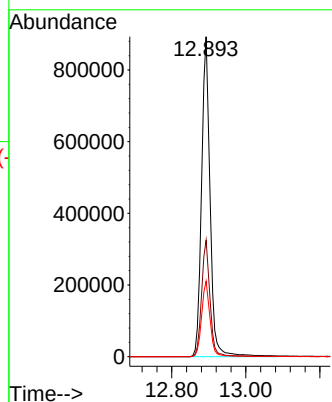


#45
2-Fluorobiphenyl
Concen: 78.501 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Instrument :
BNA_P
ClientSampleId :

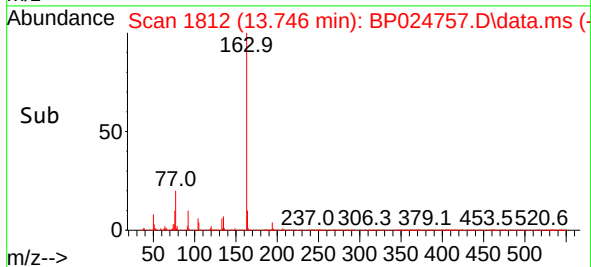
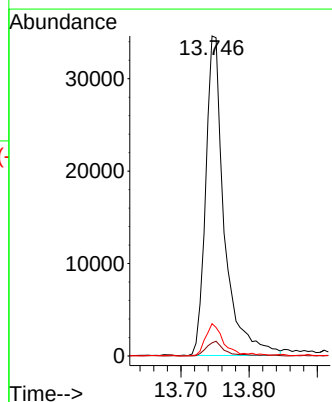
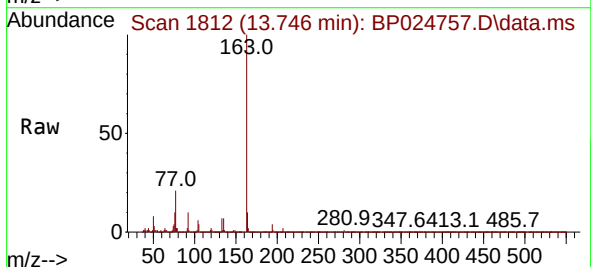


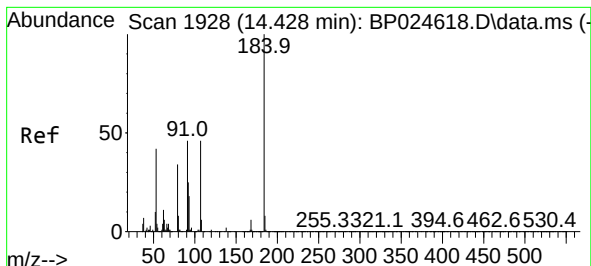
Tgt Ion:172 Resp: 1423895
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.6 18.8 28.2



#50
Dimethylphthalate
Concen: 3.633 ng
RT: 13.746 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Tgt Ion:163 Resp: 65802
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1

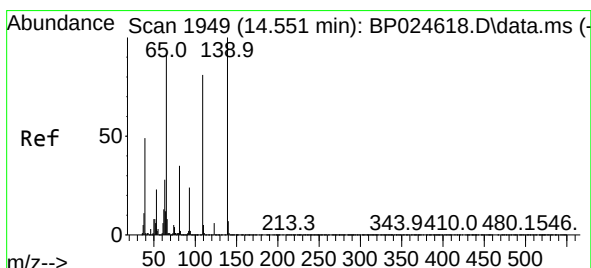
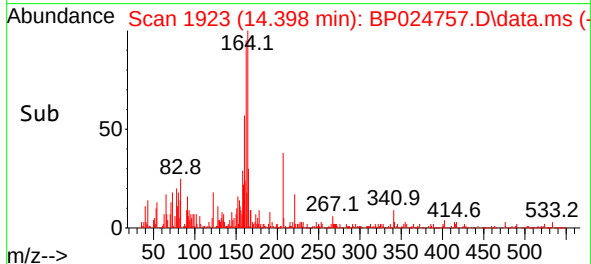
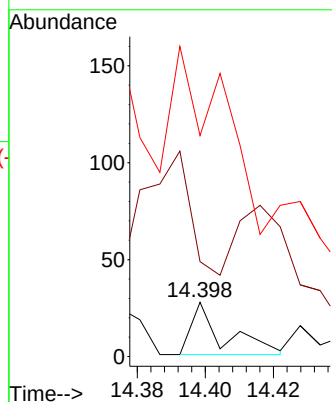
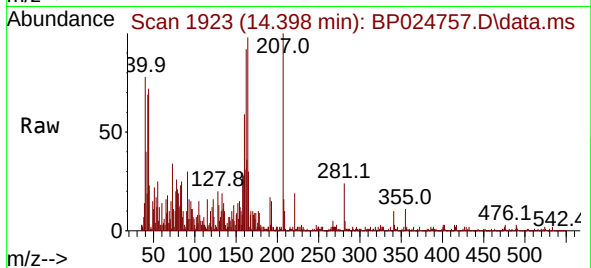




#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.030 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

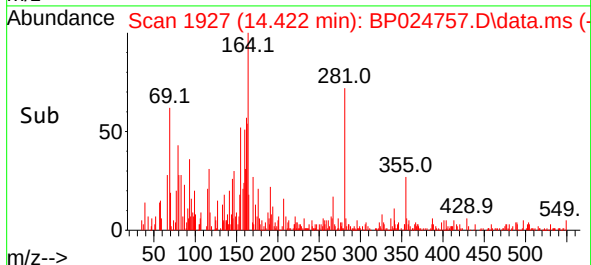
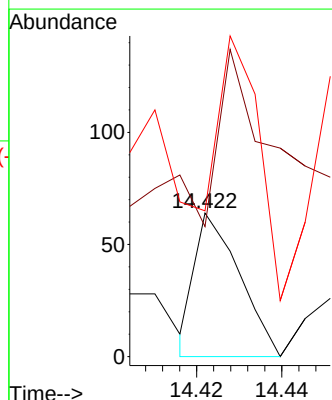
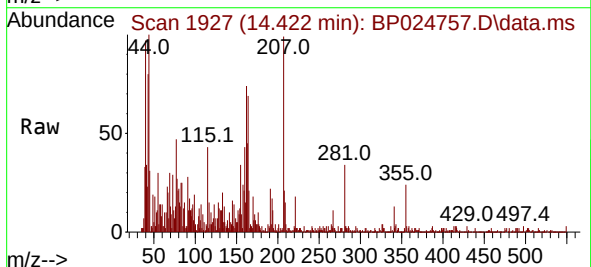
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BNA_P
ClientSampleId :

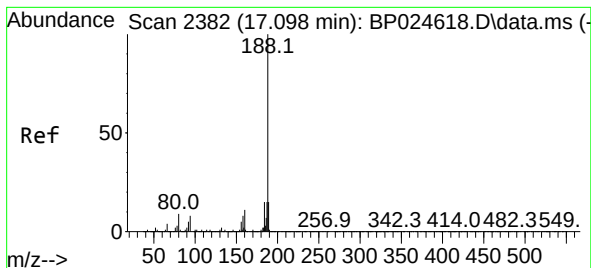
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 175.0 51.3 76.9#
154 407.1 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.247 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.129 min
Lab File: BP024757.D
Acq: 22 May 2025 13:39

Tgt Ion:139 Resp: 47
Ion Ratio Lower Upper
139 100
109 90.6 61.4 101.4
65 101.6 72.2 112.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024757.D

Acq: 22 May 2025 13:39

Instrument :

BNA_P

ClientSampleId :

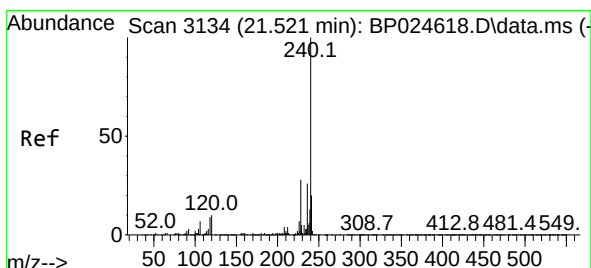
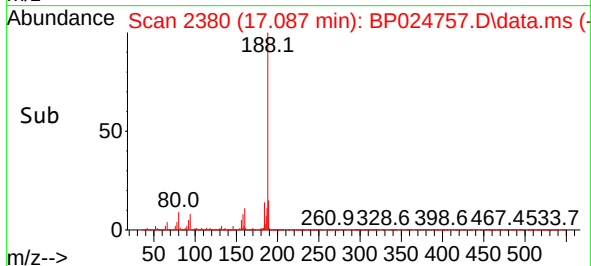
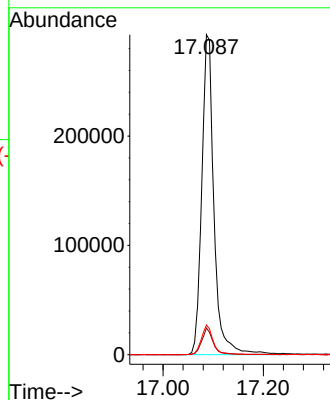
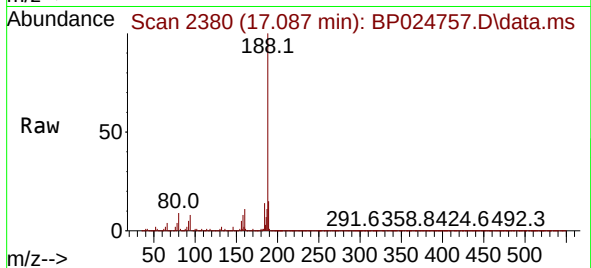
Tgt Ion:188 Resp: 494000

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

80 9.3 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: BP024757.D

Acq: 22 May 2025 13:39

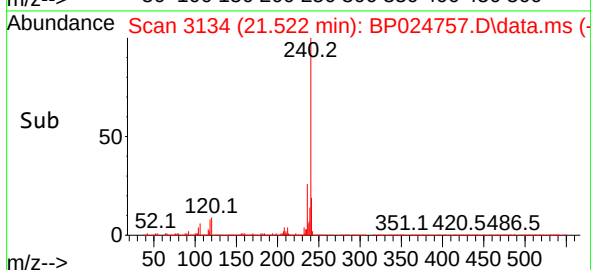
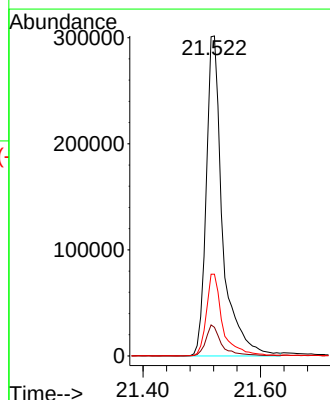
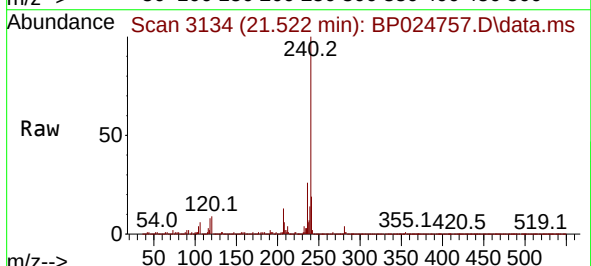
Tgt Ion:240 Resp: 582181

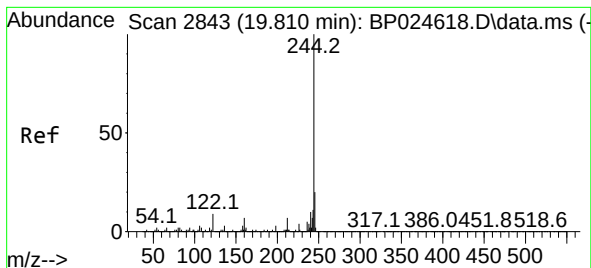
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 85.908 ng

RT: 19.804 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP024757.D

Acq: 22 May 2025 13:39

Instrument :

BNA_P

ClientSampleId :

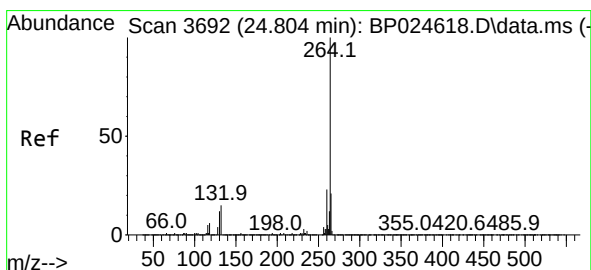
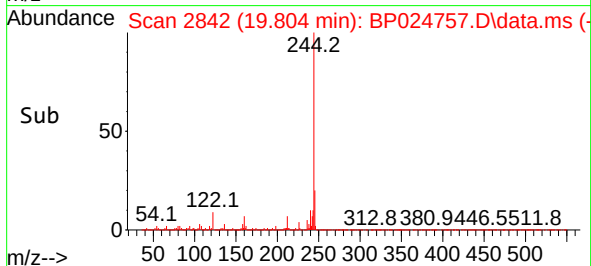
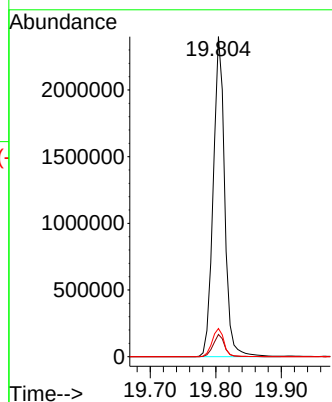
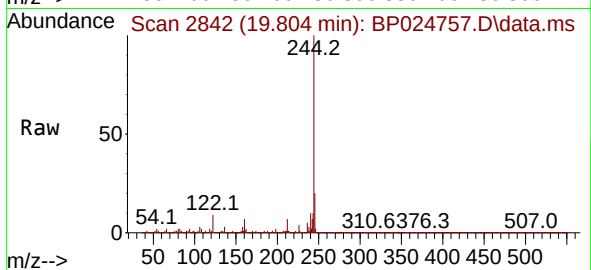
Tgt Ion:244 Resp: 2916773

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.827 min Scan# 3696

Delta R.T. 0.024 min

Lab File: BP024757.D

Acq: 22 May 2025 13:39

Tgt Ion:264 Resp: 712426

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.8 17.0 25.6

