

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024758.D
 Acq On : 22 May 2025 14:19
 Operator : RC/JU
 Sample : Q2075-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 14:41:36 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)

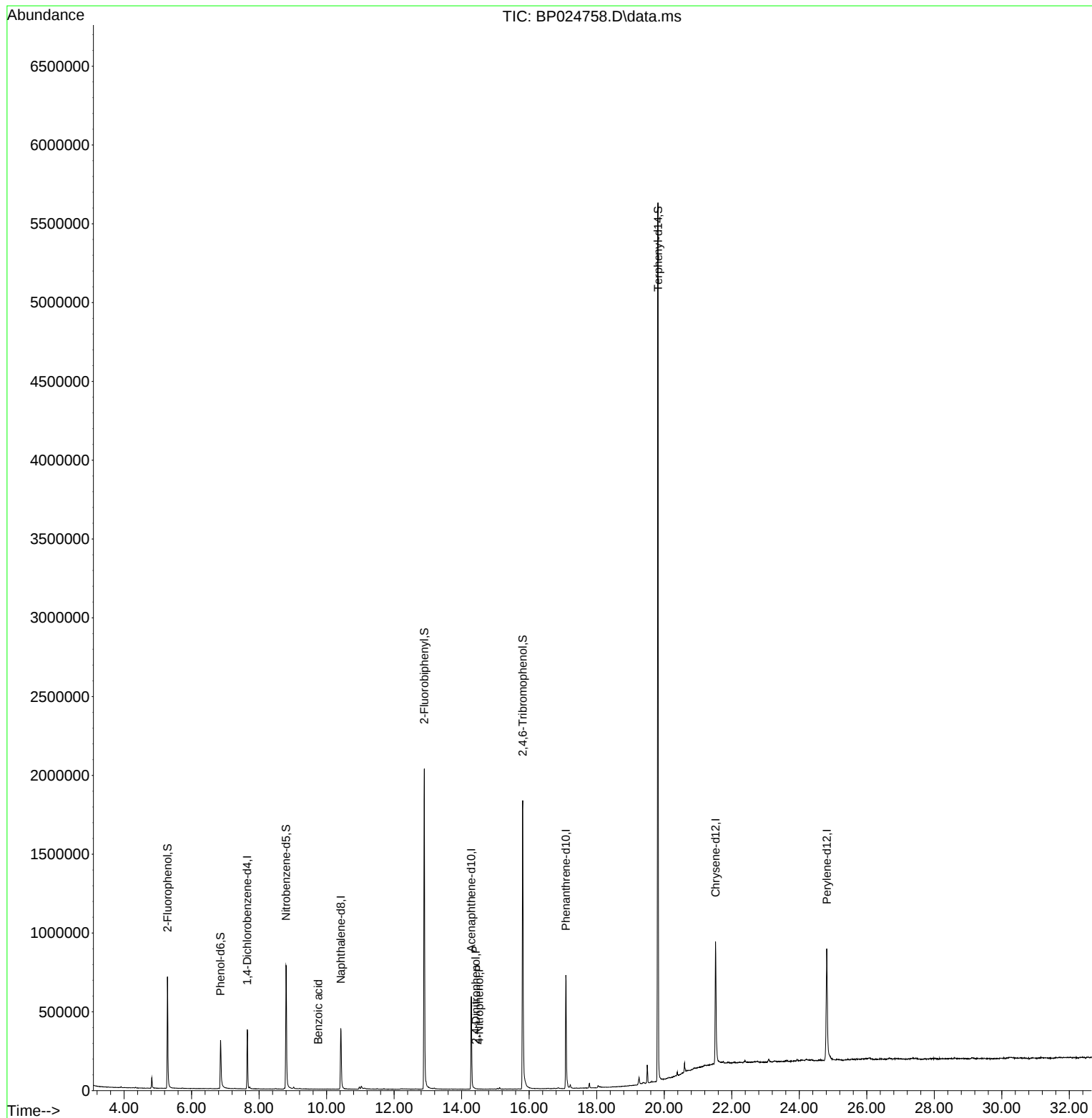
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	103638	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	395386	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	244728	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	486633	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	599957	20.000	ng	0.00
86) Perylene-d12	24.815	264	736321	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	336298	55.500	ng	0.00
7) Phenol-d6	6.858	99	239572	30.979	ng	0.00
23) Nitrobenzene-d5	8.799	82	516248	65.971	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	536704	129.362	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1177257	63.023	ng	-0.01
79) Terphenyl-d14	19.816	244	2916666	83.359	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.752	122	12	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	10	6.405	ng	# 1
56) 4-Nitrophenol	14.516	139	27	4.241	ng	# 46

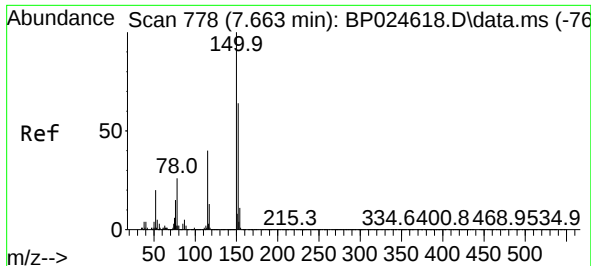
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024758.D
Acq On : 22 May 2025 14:19
Operator : RC/JU
Sample : Q2075-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

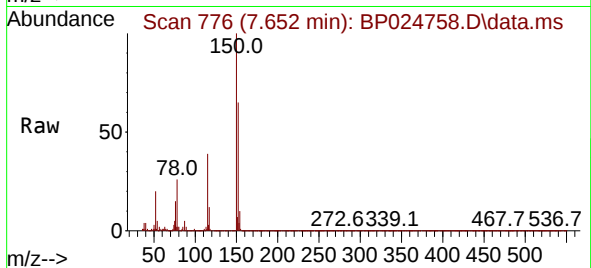
Quant Time: May 22 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



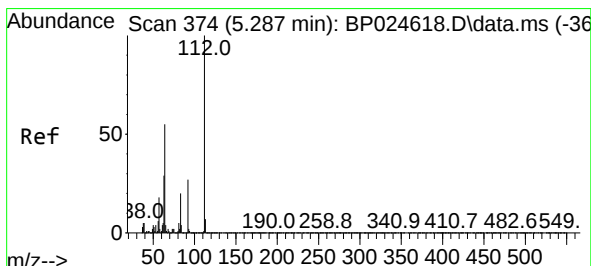
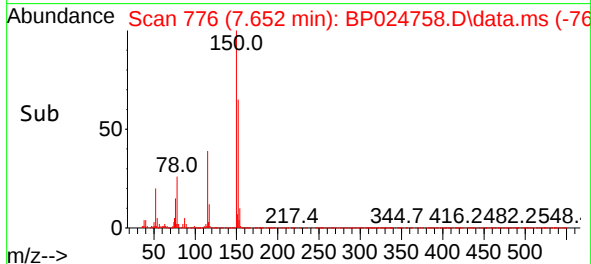
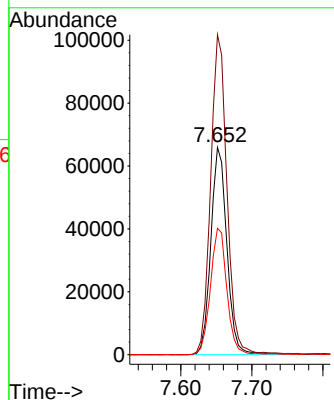


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :

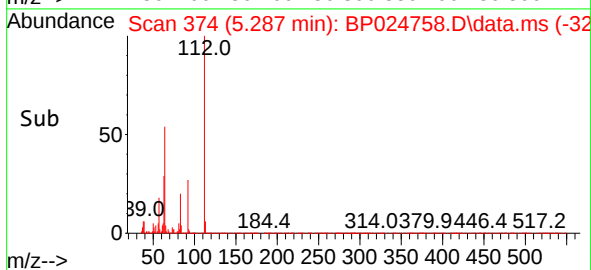
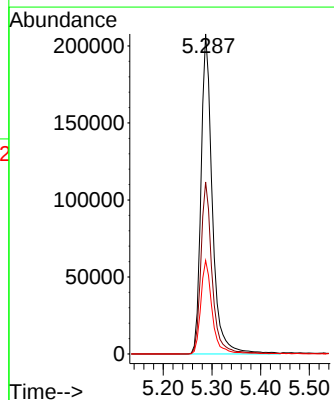
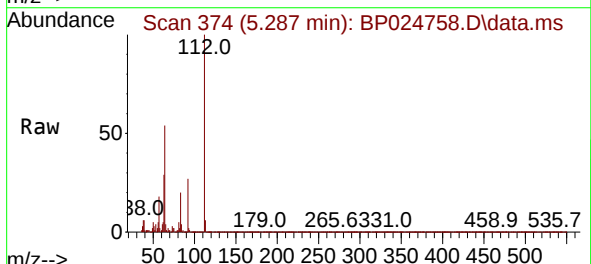


Tgt Ion:152 Resp: 103638
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 55.500 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:112 Resp: 336298
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 29.2 23.5 35.3

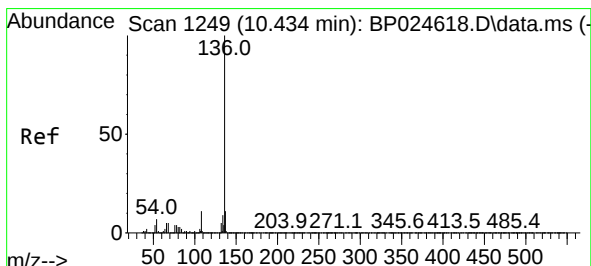
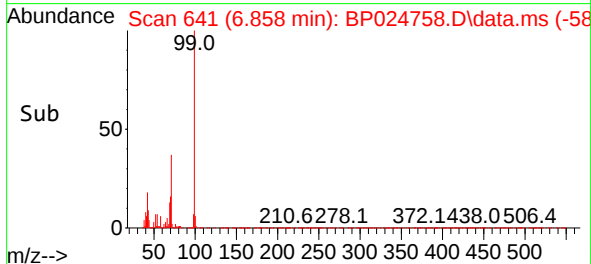
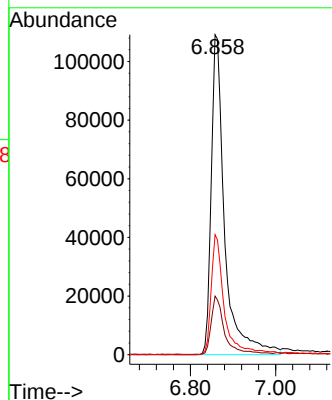
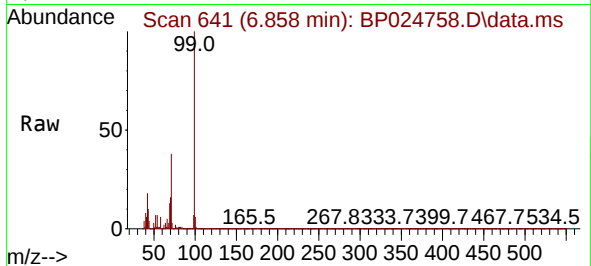




#7
Phenol-d6
Concen: 30.979 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

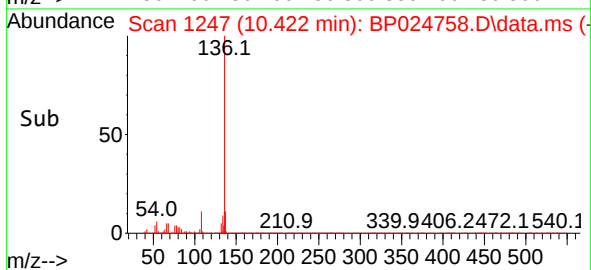
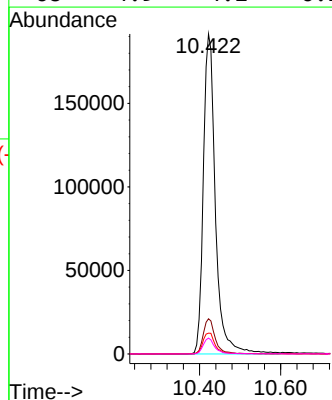
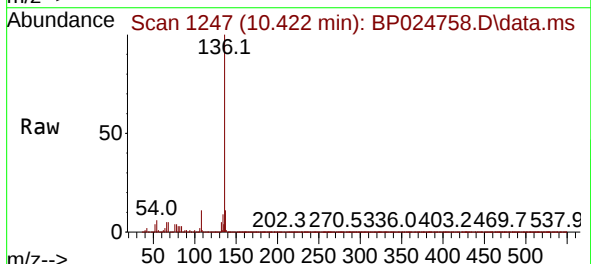
Instrument :
BNA_P
ClientSampleId :

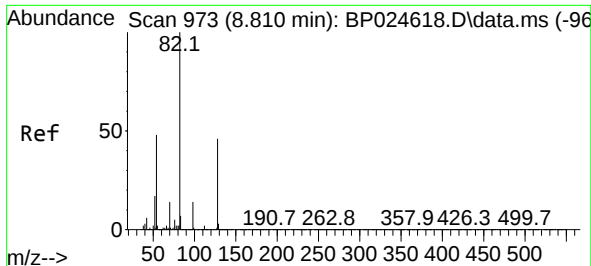
Tgt Ion: 99 Resp: 239572
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:136 Resp: 395386
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.5 8.3
68 4.9 4.2 6.2

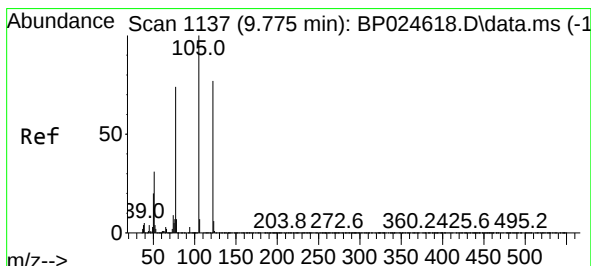
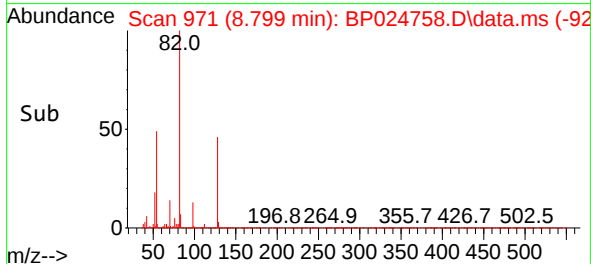
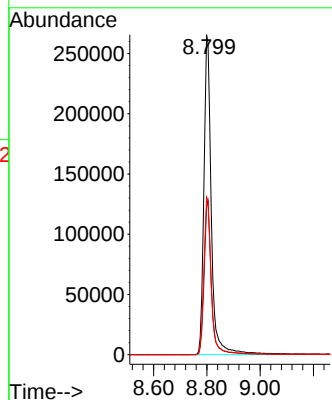
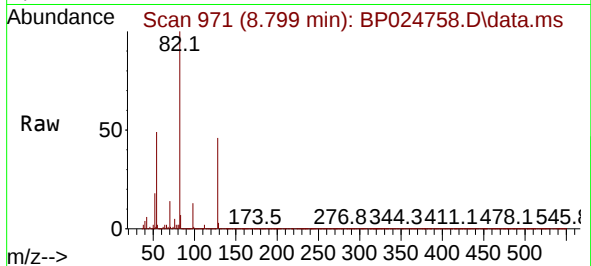




#23
Nitrobenzene-d5
Concen: 65.971 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

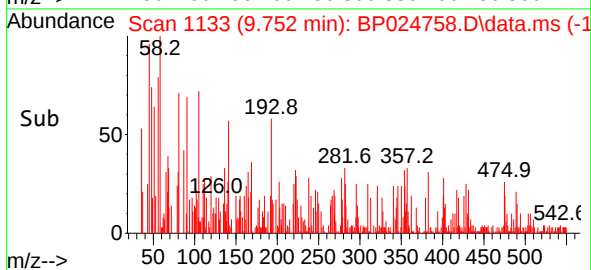
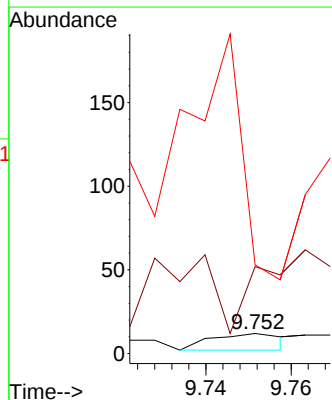
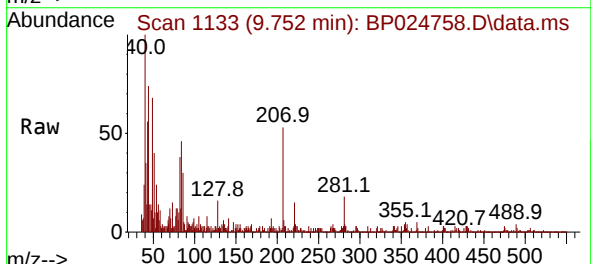
Instrument :
BNA_P
ClientSampleId :

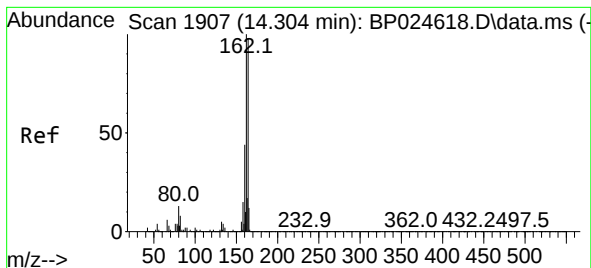
Tgt Ion: 82 Resp: 516248
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 49.3 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 433.3 106.9 146.9#
77 441.7 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

Instrument :

BNA_P

ClientSampleId :

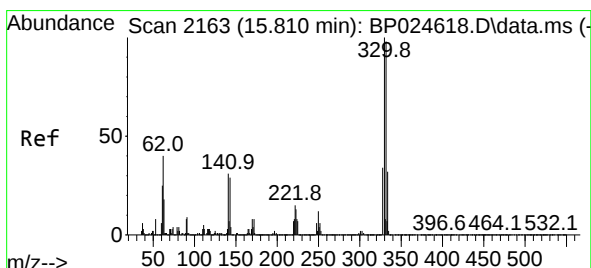
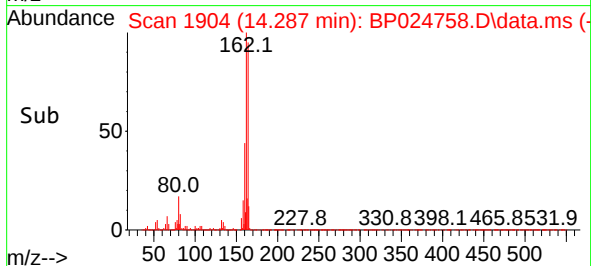
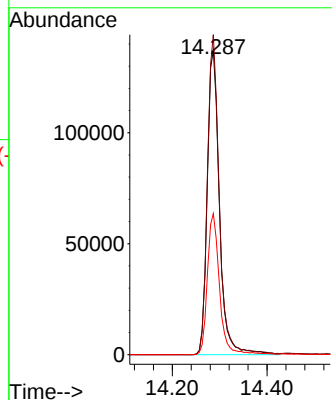
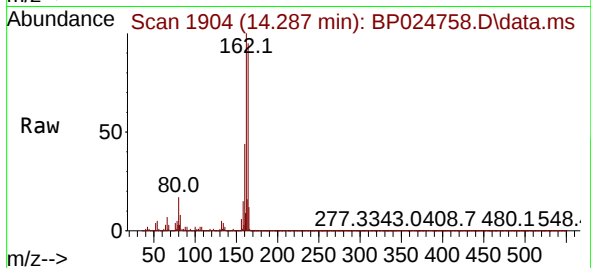
Tgt Ion:164 Resp: 244728

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.6

160 46.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 129.362 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

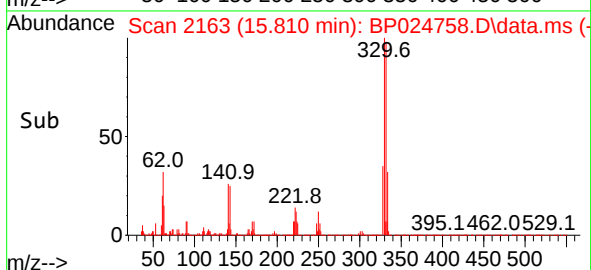
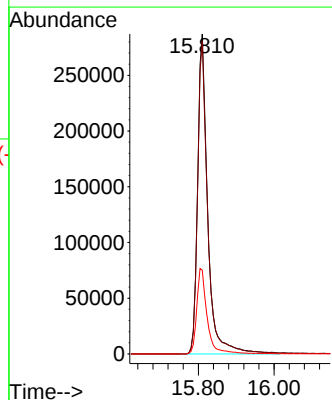
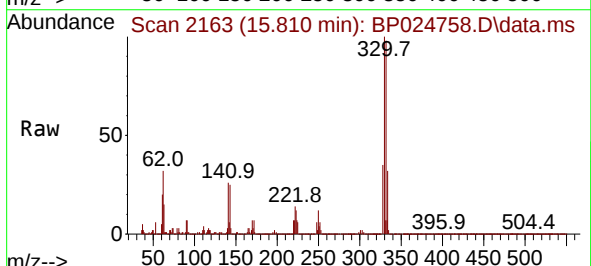
Tgt Ion:330 Resp: 536704

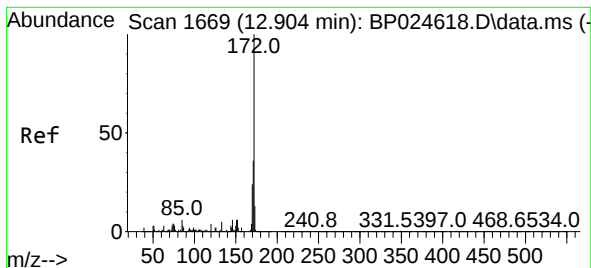
Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 27.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 63.023 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

Instrument :

BNA_P

ClientSampleId :

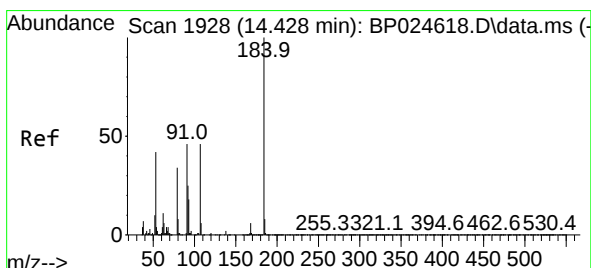
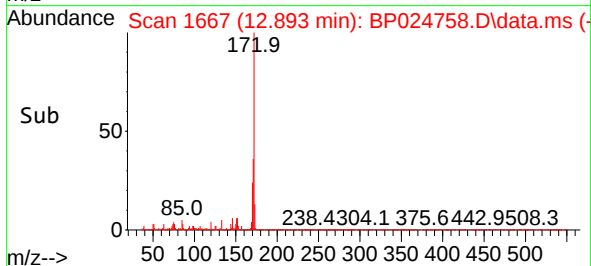
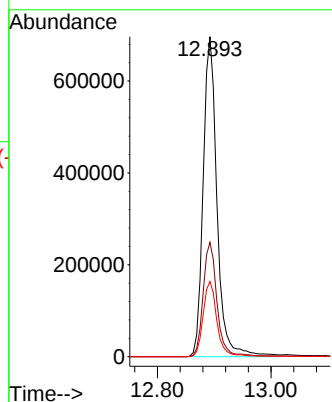
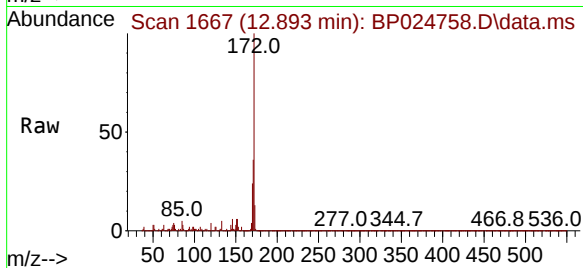
Tgt Ion:172 Resp: 1177257

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

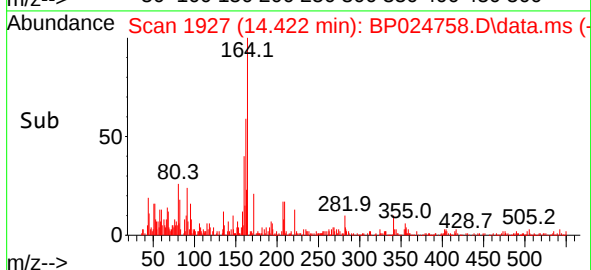
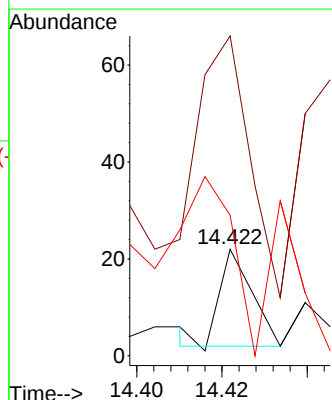
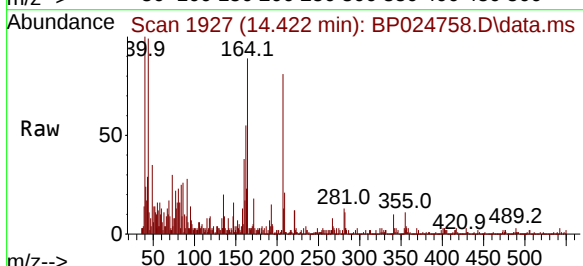
Tgt Ion:184 Resp: 10

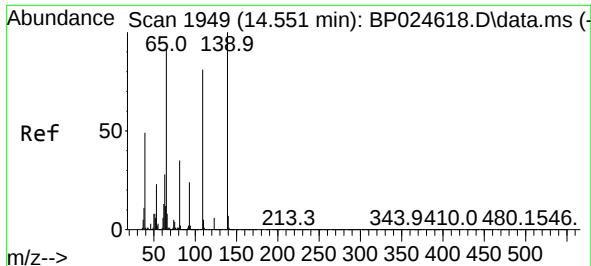
Ion Ratio Lower Upper

184 100

63 300.0 51.3 76.9#

154 131.8 53.5 80.3#

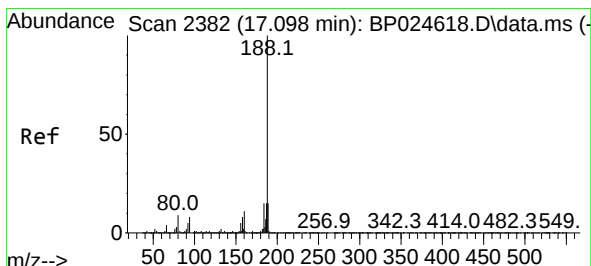
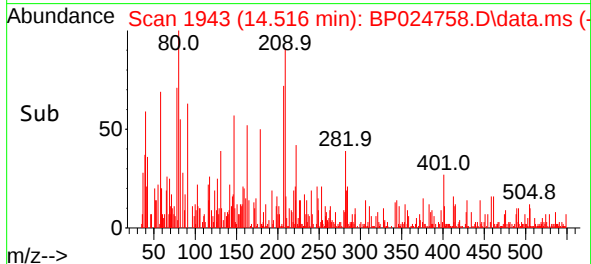
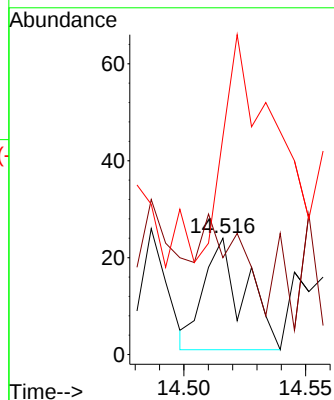
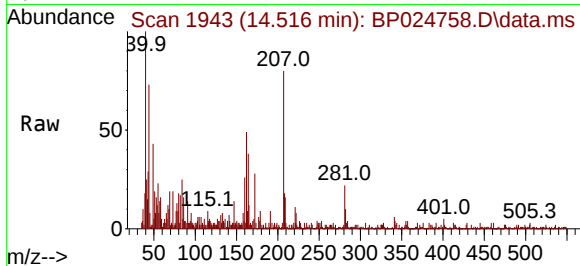




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.516 min Scan# 1949
Delta R.T. -0.035 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

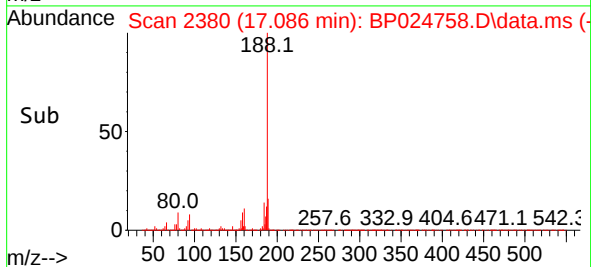
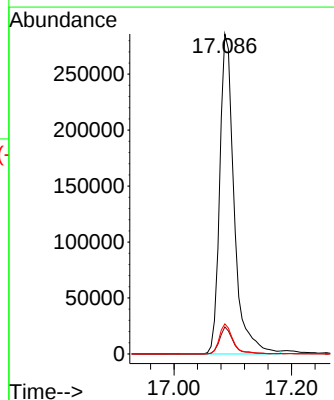
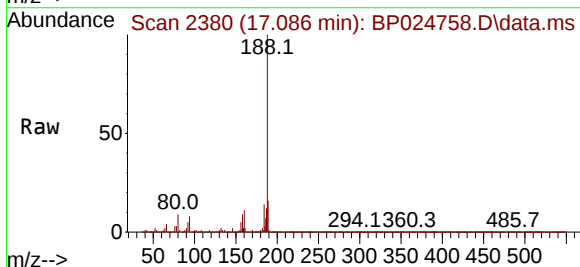
Instrument :
BNA_P
ClientSampleId :

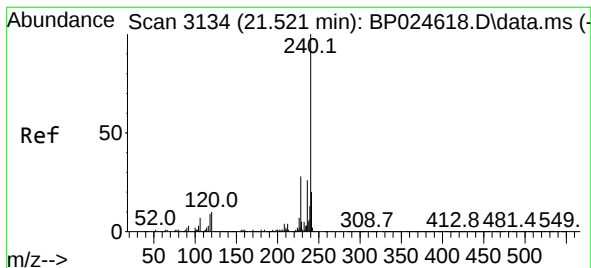
Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 83.3 61.4 101.4
65 187.5 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:188 Resp: 486633
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.4 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: BP024758.D

Acq: 22 May 2025 14:19

Instrument :

BNA_P

ClientSampleId :

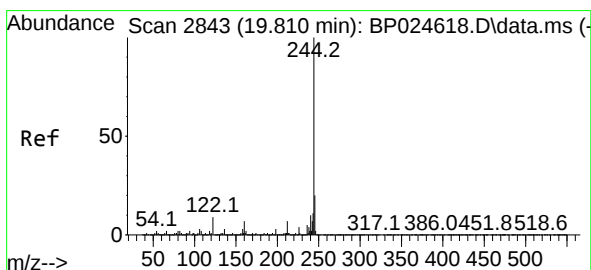
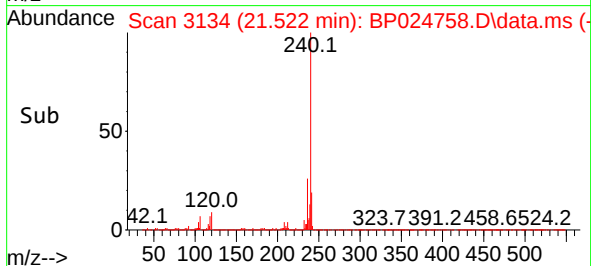
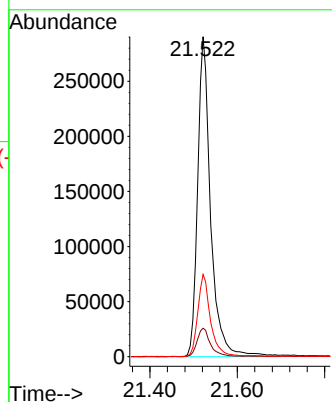
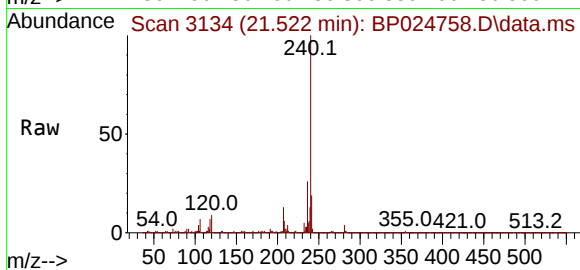
Tgt Ion:240 Resp: 599957

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 83.359 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

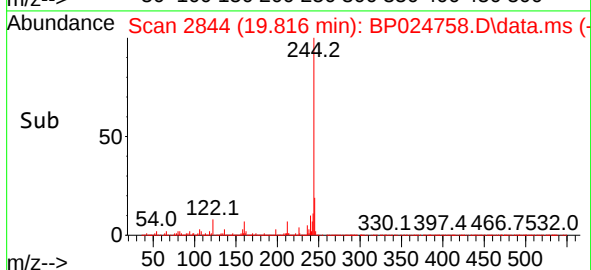
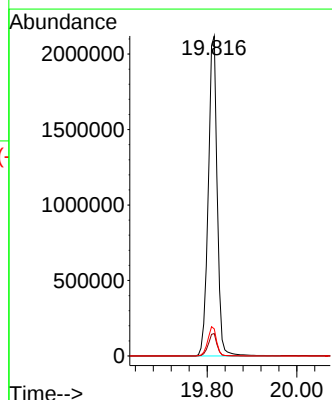
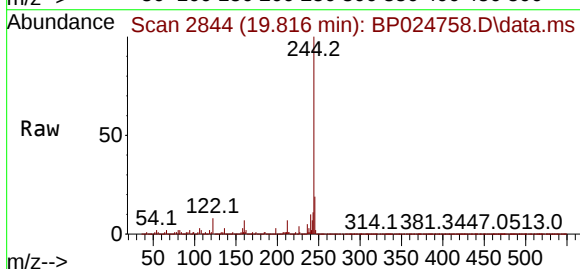
Tgt Ion:244 Resp: 2916666

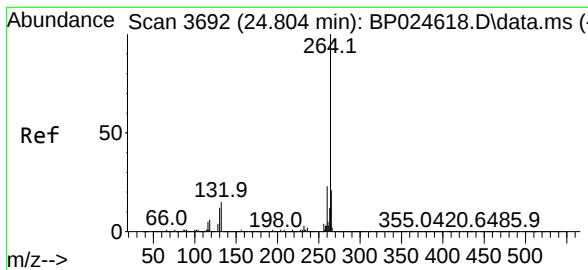
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

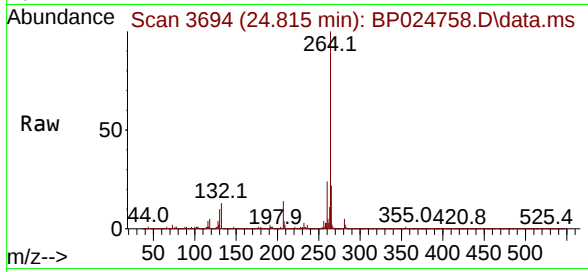
122 8.5 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.815 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BP024758.D
 Acq: 22 May 2025 14:19

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 736321

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.8	17.0	25.6

