

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024728.D
 Acq On : 21 May 2025 06:12
 Operator : RC/JU
 Sample : Q2062-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-2

Quant Time: May 21 07:20:50 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)

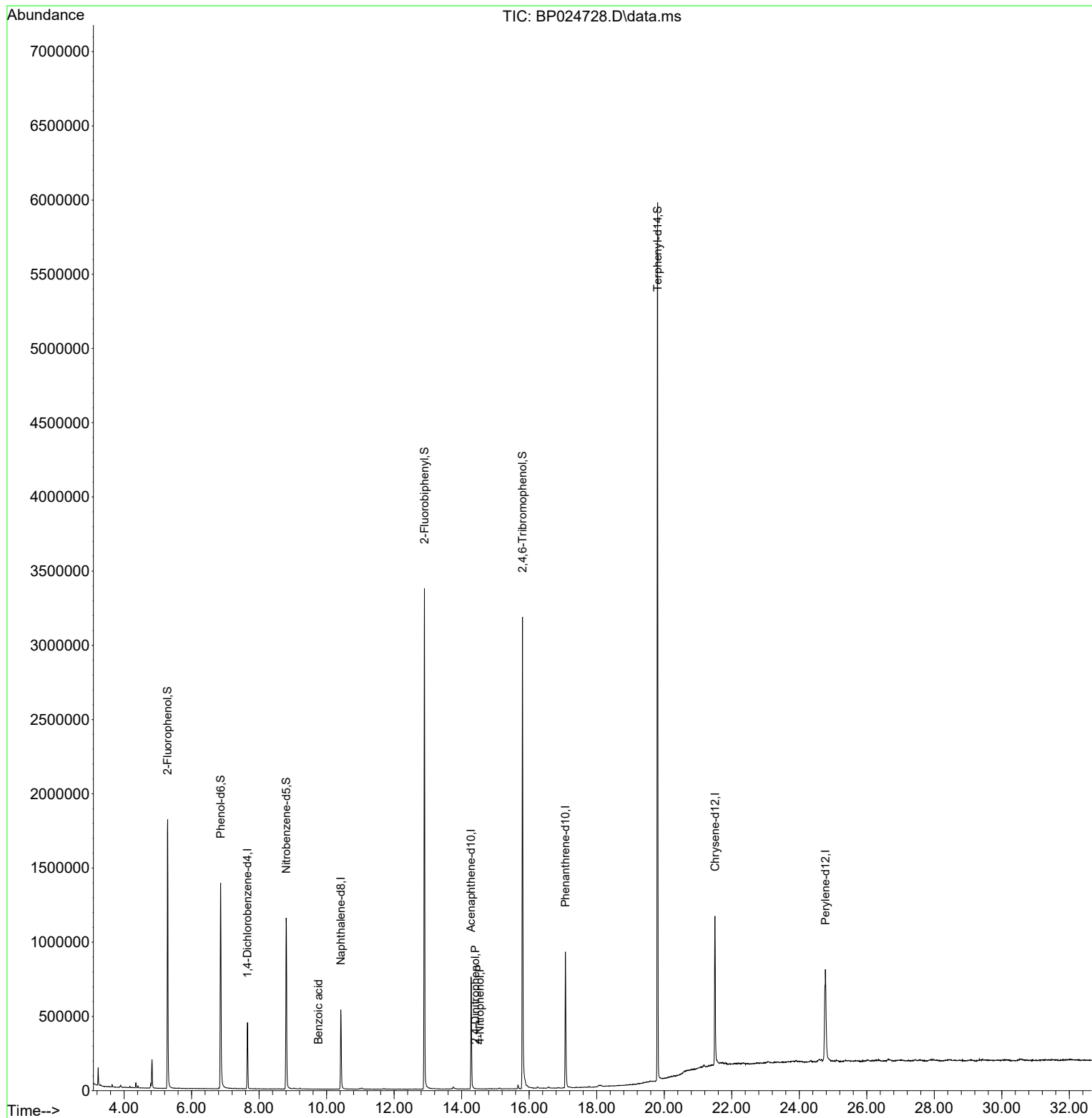
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	123722	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	457570	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	289217	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	587042	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	668904	20.000	ng	-0.02
86) Perylene-d12	24.774	264	798812	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	827947	114.458	ng	0.00
7) Phenol-d6	6.863	99	886404	96.013	ng	0.01
23) Nitrobenzene-d5	8.805	82	658209	72.682	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	764851	155.995	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1654216	74.934	ng	0.00
79) Terphenyl-d14	19.804	244	3042788	78.000	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	14	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	10	6.404	ng	# 10
56) 4-Nitrophenol	14.540	139	12	4.237	ng	# 1

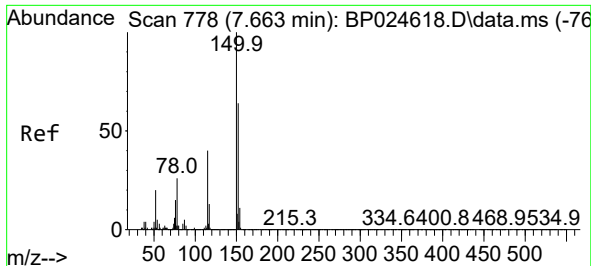
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024728.D
Acq On : 21 May 2025 06:12
Operator : RC/JU
Sample : Q2062-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
L1-WC-2

Quant Time: May 21 07:20:50 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

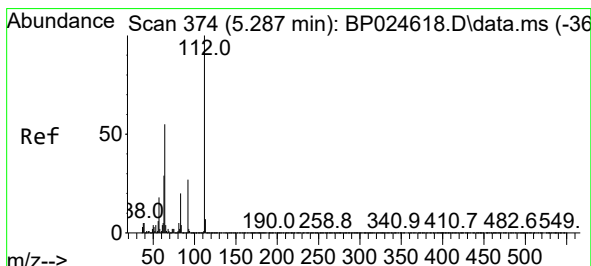
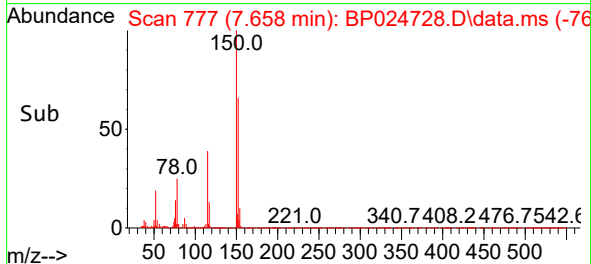
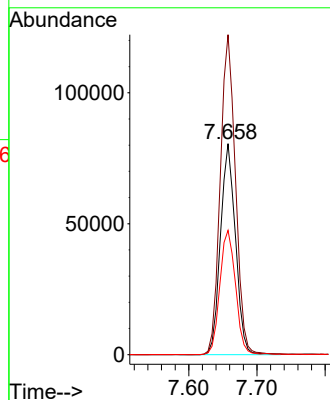
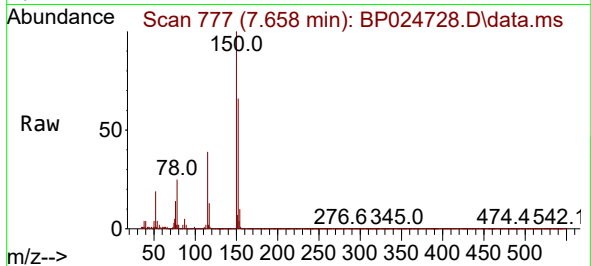




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

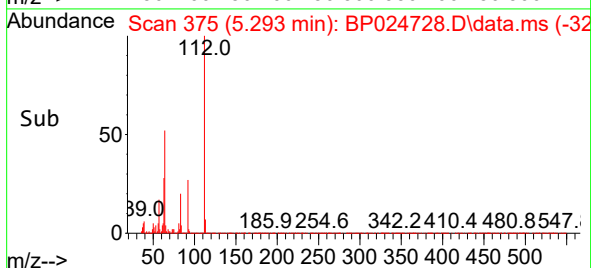
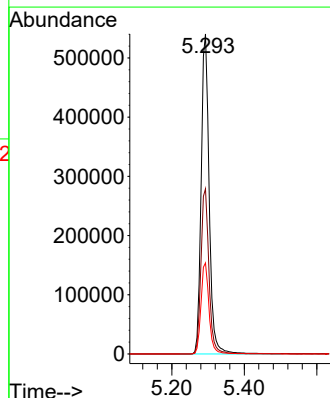
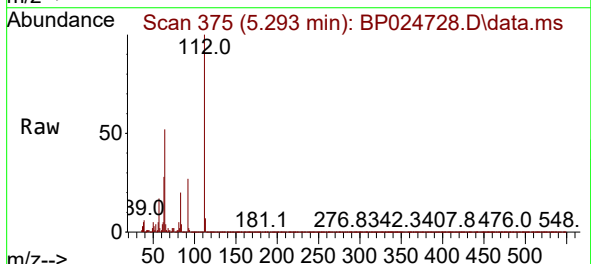
Instrument :
BNA_P
ClientSampleId :
L1-WC-2

Tgt Ion:152 Resp: 123722
Ion Ratio Lower Upper
152 100
150 151.6 125.9 188.9
115 58.9 50.1 75.1



#5
2-Fluorophenol
Concen: 114.458 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Tgt Ion:112 Resp: 827947
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.5 23.5 35.3

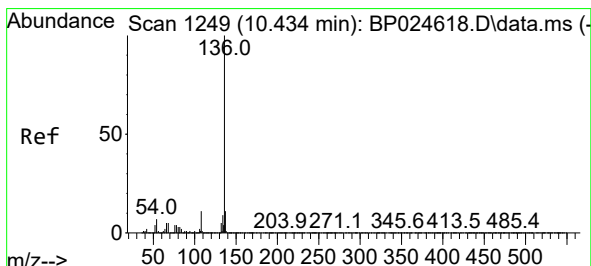
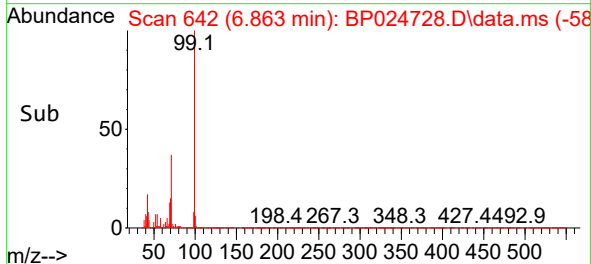
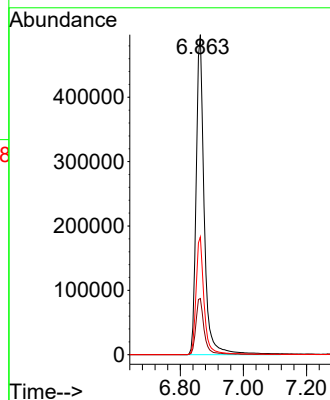
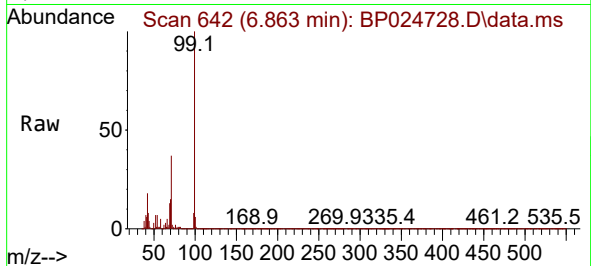




#7
Phenol-d6
Concen: 96.013 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

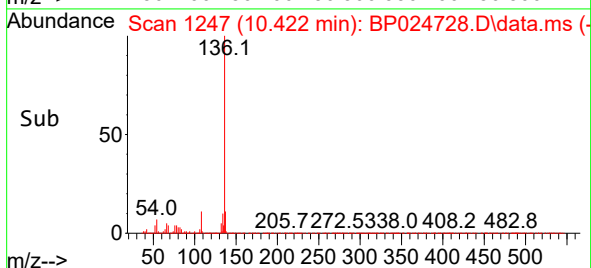
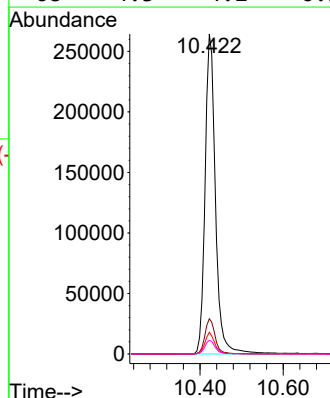
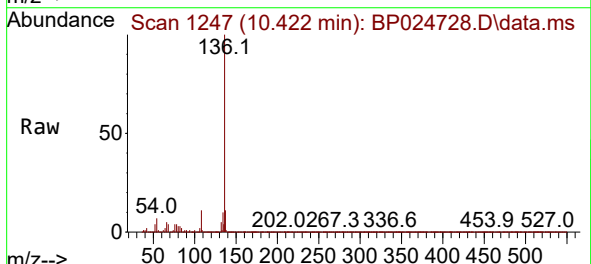
Instrument :
BNA_P
ClientSampleId :
L1-WC-2

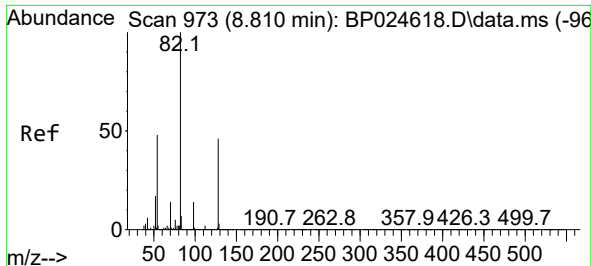
Tgt Ion: 99 Resp: 886404
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Tgt Ion: 136 Resp: 457570
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.5 8.3
68 4.3 4.2 6.2

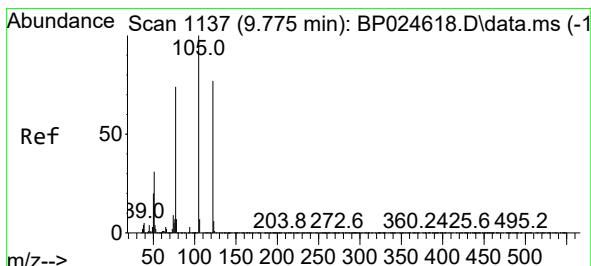
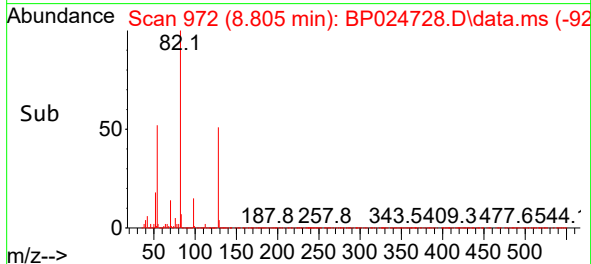
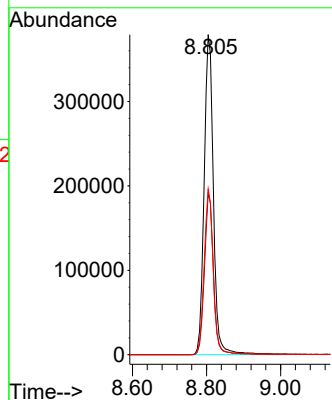
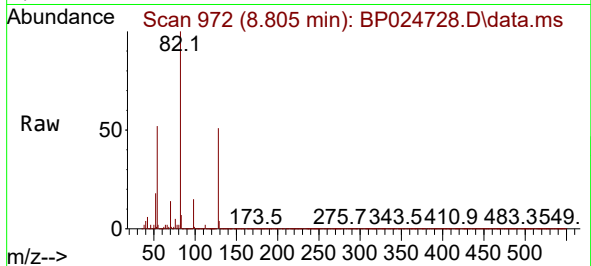




#23
Nitrobenzene-d5
Concen: 72.682 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

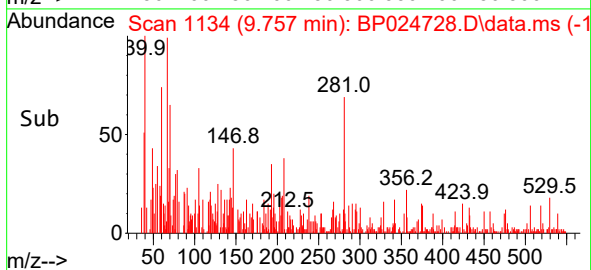
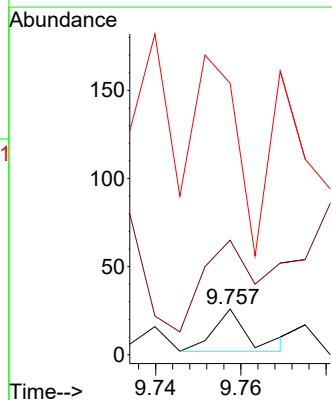
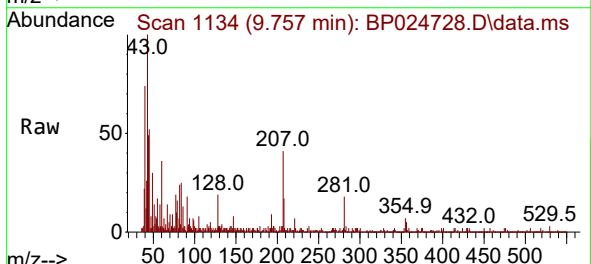
Instrument :
BNA_P
ClientSampleId :
L1-WC-2

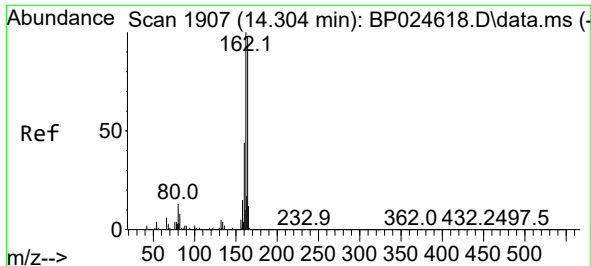
Tgt Ion: 82 Resp: 658209
Ion Ratio Lower Upper
82 100
128 50.6 37.0 55.4
54 51.8 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Tgt Ion: 122 Resp: 14
Ion Ratio Lower Upper
122 100
105 250.0 106.9 146.9#
77 592.3 75.1 115.1#

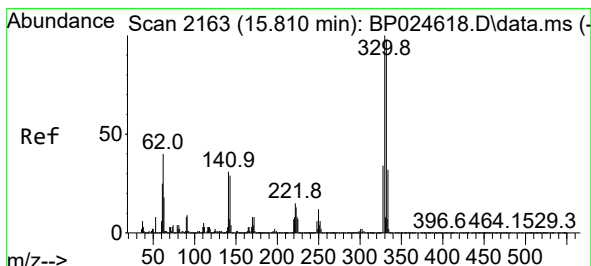
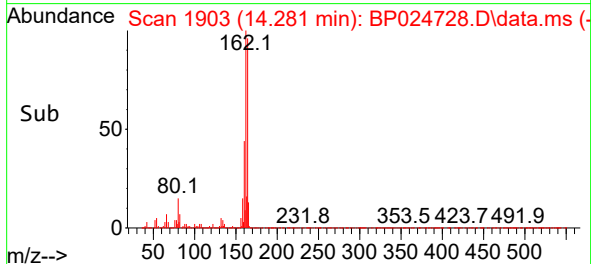
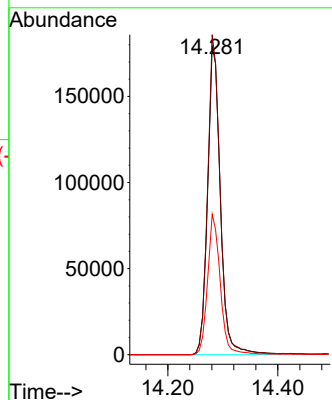
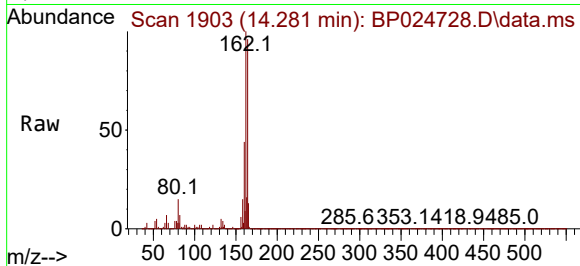




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

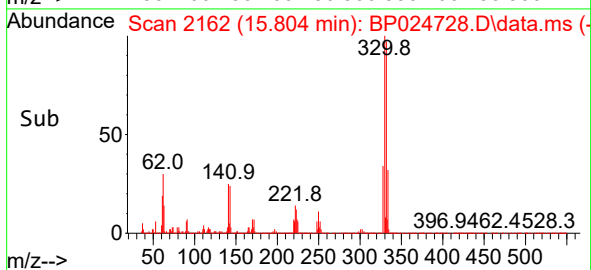
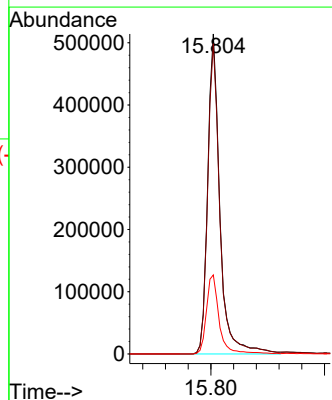
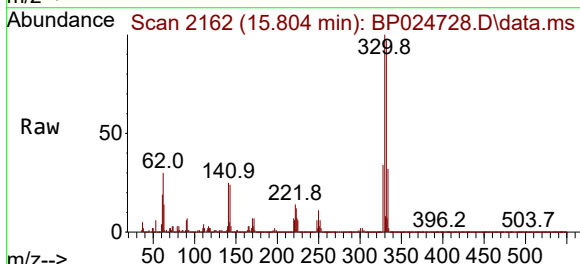
Instrument :
BNA_P
ClientSampleId :
L1-WC-2

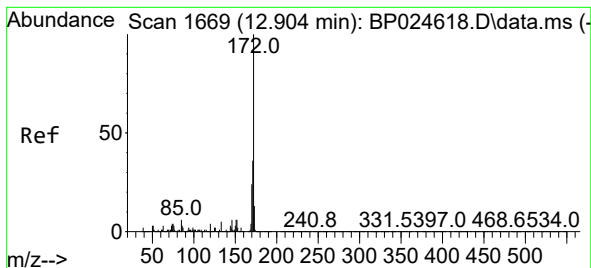
Tgt Ion:164 Resp: 289217
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 155.995 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Tgt Ion:330 Resp: 764851
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 25.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 74.934 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024728.D

Acq: 21 May 2025 06:12

Instrument :

BNA_P

ClientSampleId :

L1-WC-2

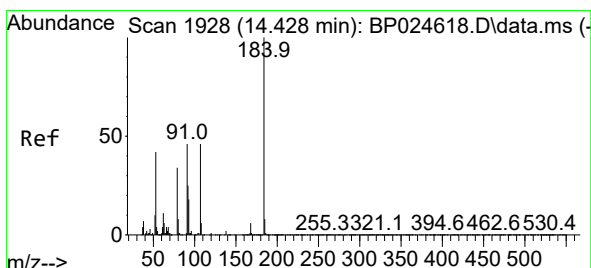
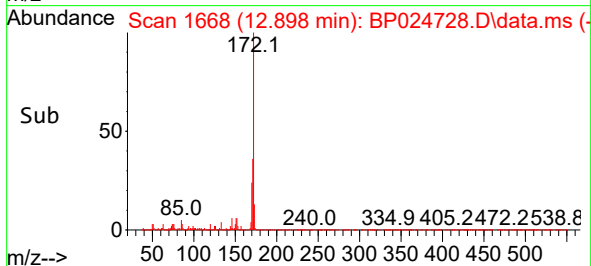
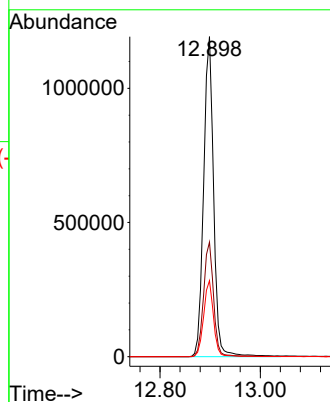
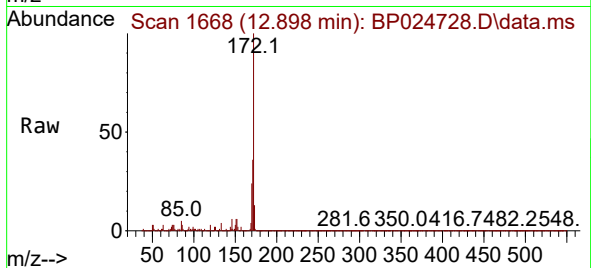
Tgt Ion:172 Resp: 1654216

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 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: BP024728.D

Acq: 21 May 2025 06:12

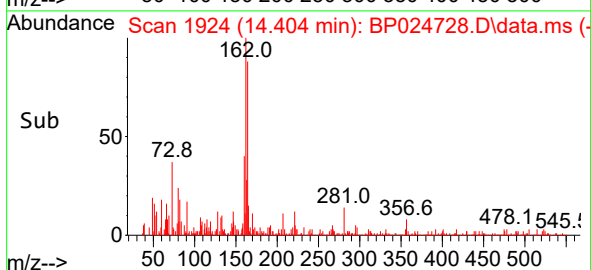
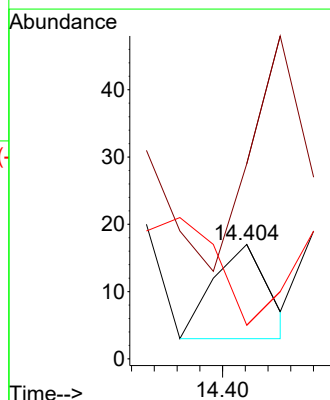
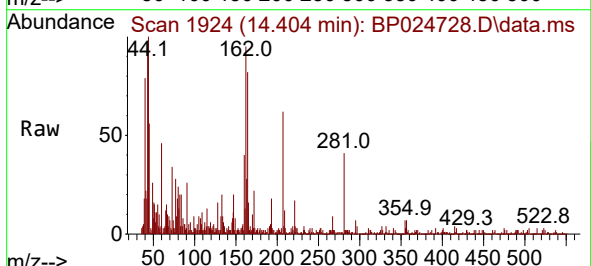
Tgt Ion:184 Resp: 10

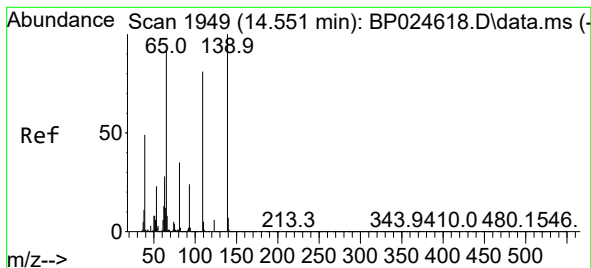
Ion Ratio Lower Upper

184 100

63 170.6 51.3 76.9#

154 29.4 53.5 80.3#

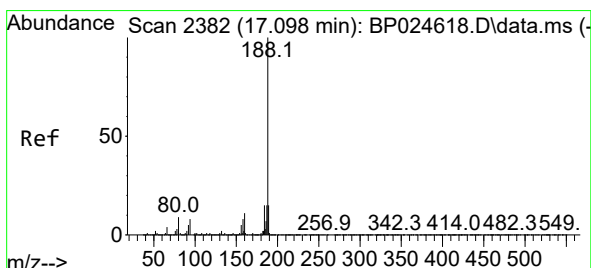
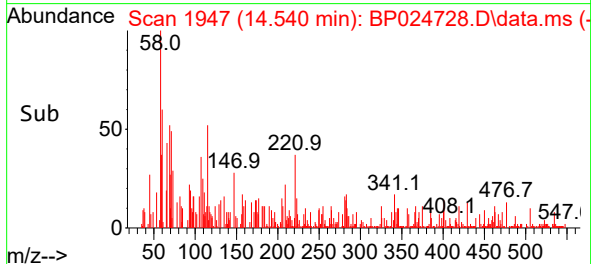
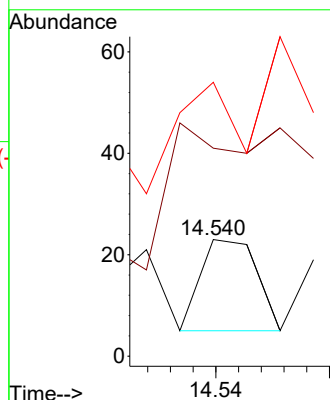
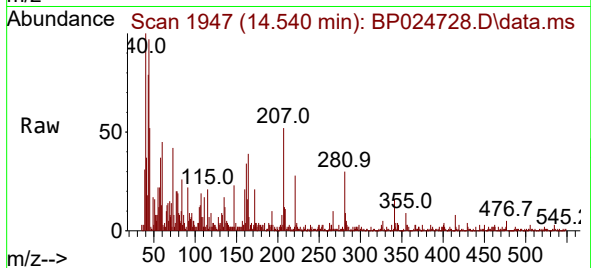




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

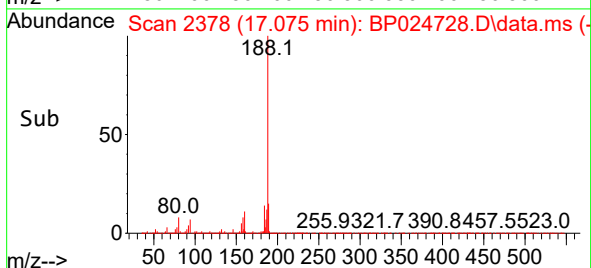
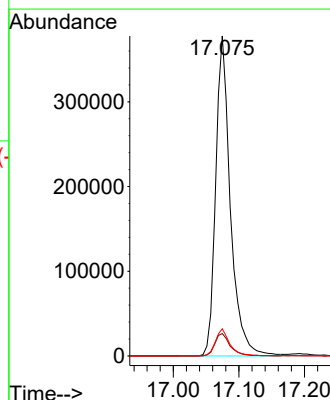
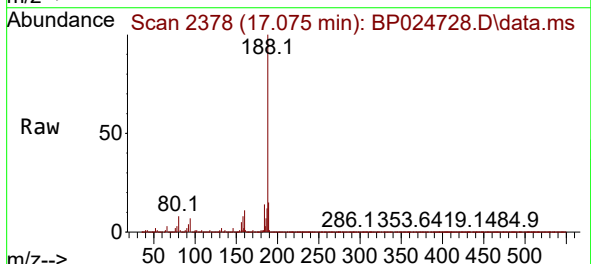
Instrument :
BNA_P
ClientSampleId :
L1-WC-2

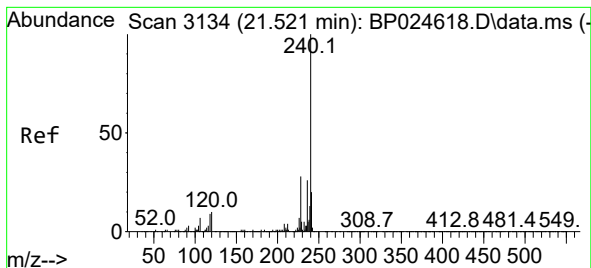
Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 178.3 61.4 101.4#
65 234.8 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.023 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Tgt Ion:188 Resp: 587042
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.018 min

Lab File: BP024728.D

Acq: 21 May 2025 06:12

Instrument :

BNA_P

ClientSampleId :

L1-WC-2

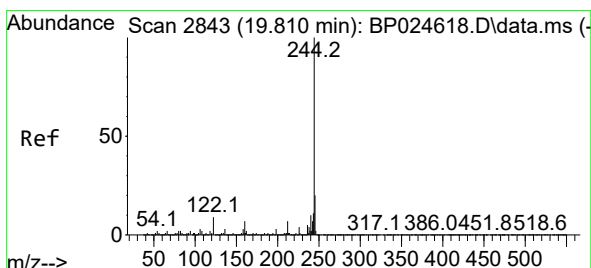
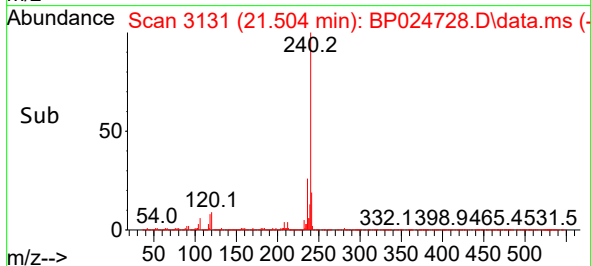
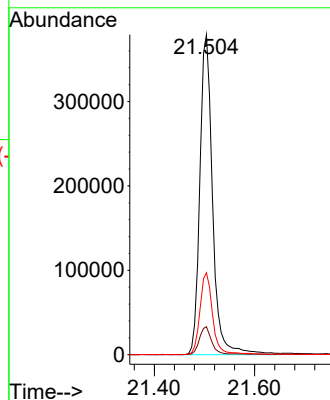
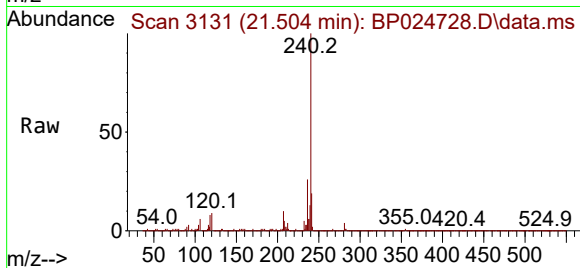
Tgt Ion:240 Resp: 668904

Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 78.000 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024728.D

Acq: 21 May 2025 06:12

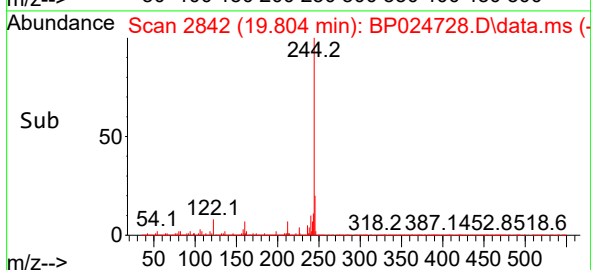
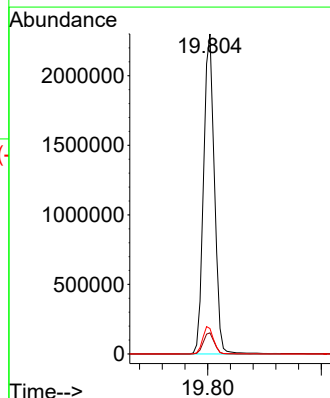
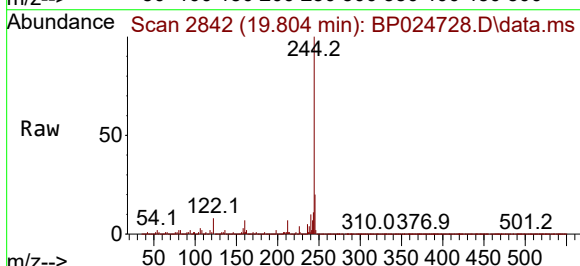
Tgt Ion:244 Resp: 3042788

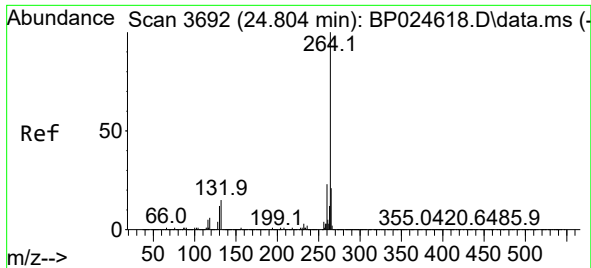
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

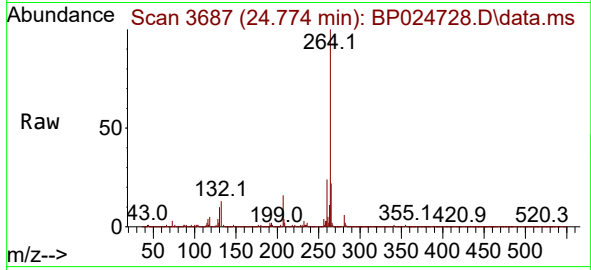
122 7.9 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.774 min Scan# 30
Delta R.T. -0.029 min
Lab File: BP024728.D
Acq: 21 May 2025 06:12

Instrument :
BNA_P
ClientSampleId :
L1-WC-2



Tgt Ion:264 Resp: 798812
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.7 17.0 25.6

