

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024727.D
 Acq On : 21 May 2025 05:31
 Operator : RC/JU
 Sample : Q2062-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-1

Quant Time: May 21 07:20:32 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)

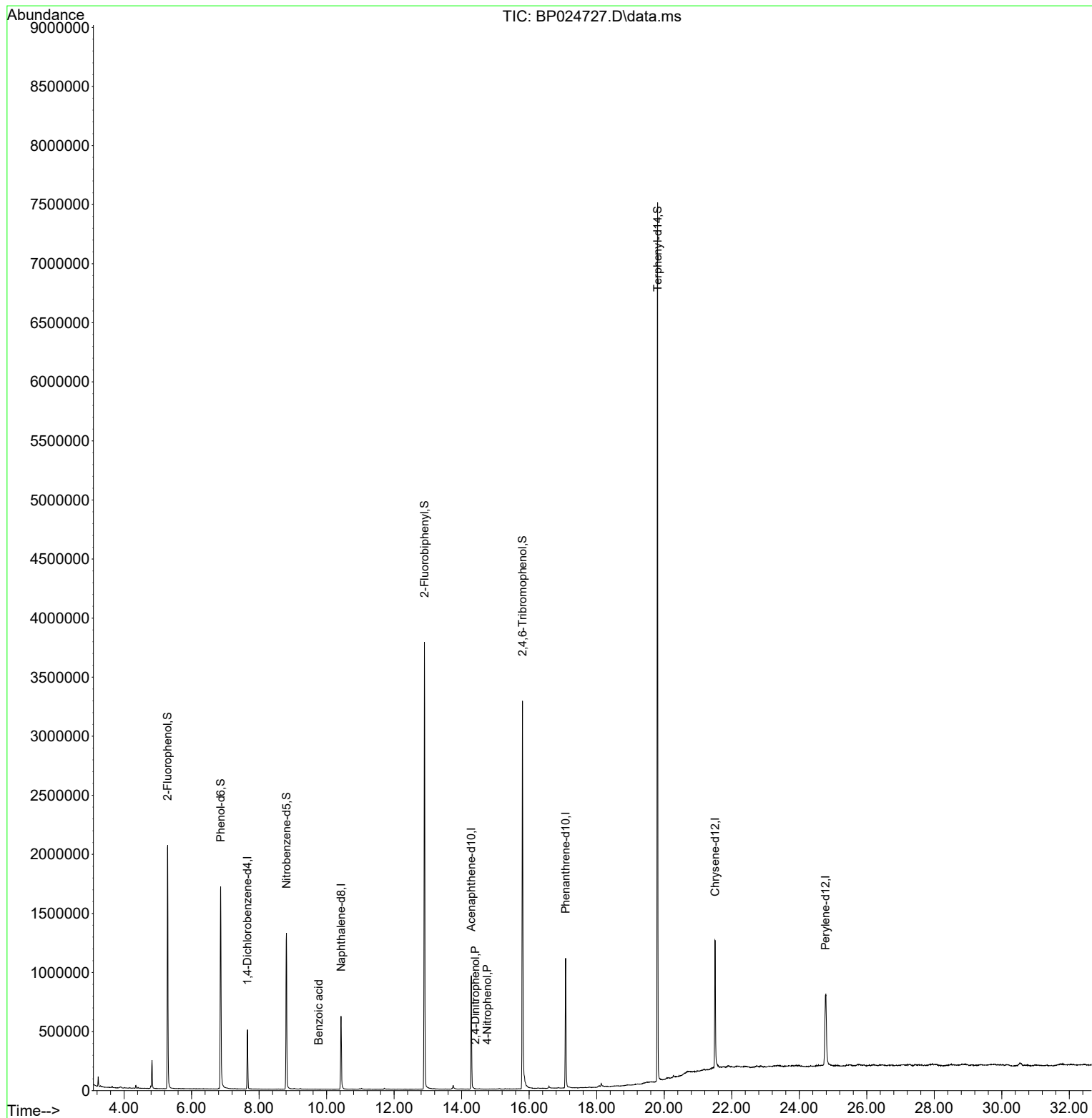
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	133944	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	536039	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	347138	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	685296	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	734507	20.000	ng	-0.01
86) Perylene-d12	24.780	264	837859	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	952338	121.607	ng	0.00
7) Phenol-d6	6.863	99	1106968	110.754	ng	0.01
23) Nitrobenzene-d5	8.810	82	746988	70.410	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	859100	145.982	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2010877	75.892	ng	0.00
79) Terphenyl-d14	19.804	244	3606248	84.187	ng	0.00
Target Compounds						
32) Benzoic acid	9.763	122	11	7.470	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	24	6.407	ng	# 1
56) 4-Nitrophenol	14.757	139	75	4.248	ng	92

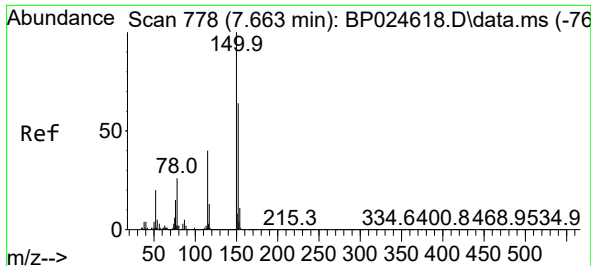
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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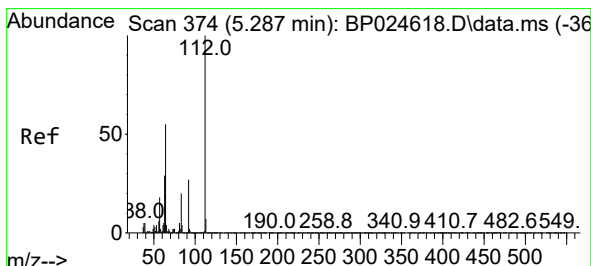
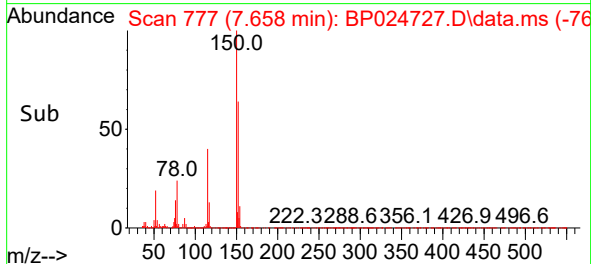
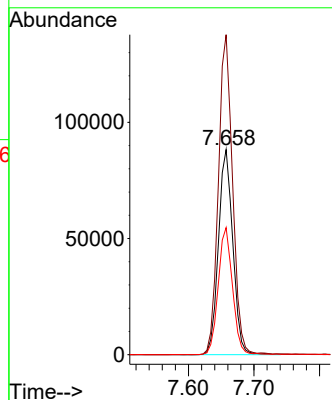
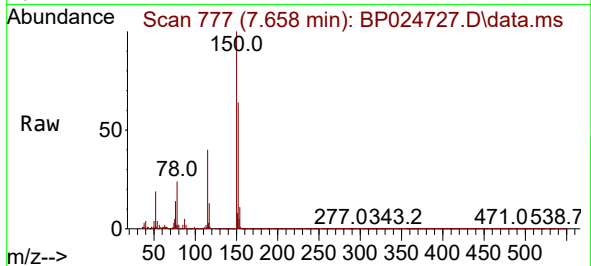




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

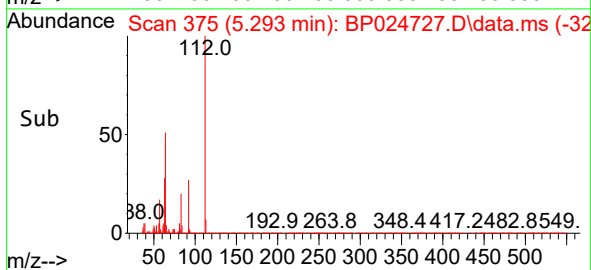
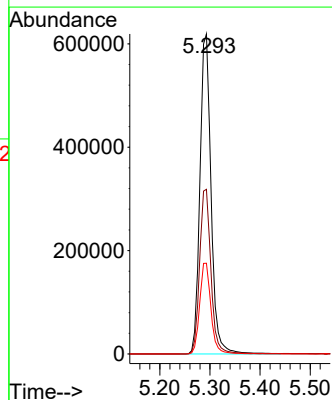
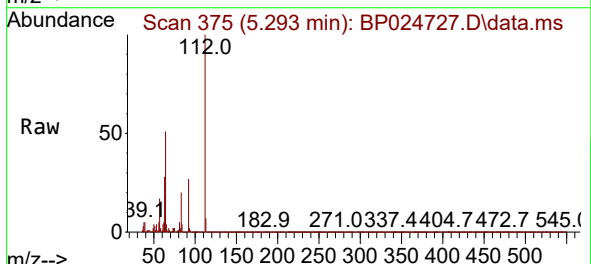
Instrument :
BNA_P
ClientSampleId :
L1-WC-1

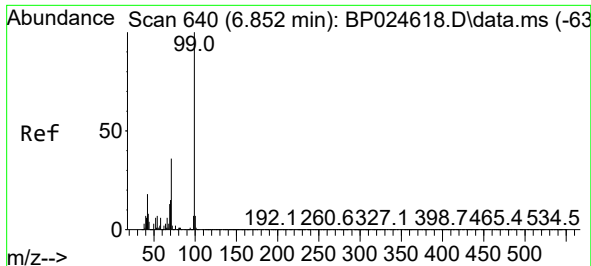
Tgt Ion:152 Resp: 133944
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 121.607 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion:112 Resp: 952338
Ion Ratio Lower Upper
112 100
64 51.4 44.1 66.1
63 28.3 23.5 35.3

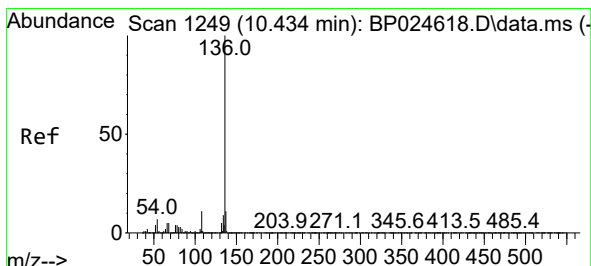
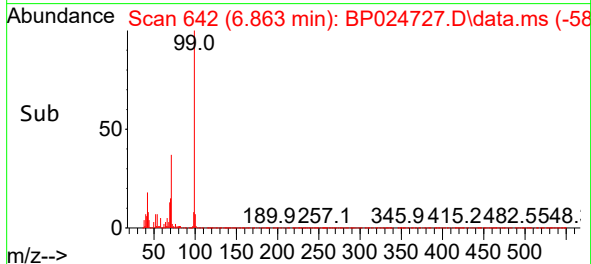
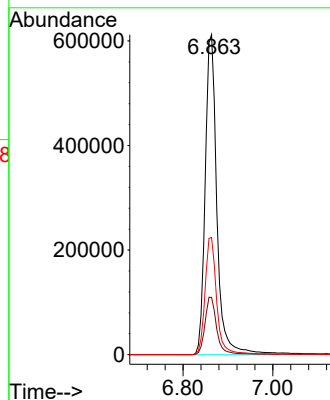
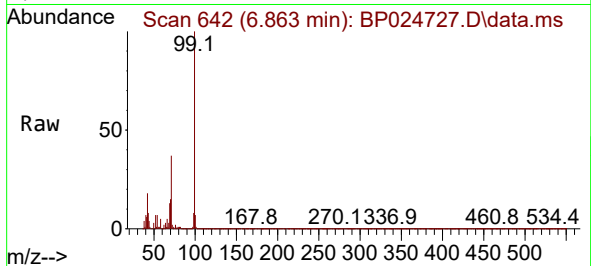




#7
Phenol-d6
Concen: 110.754 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

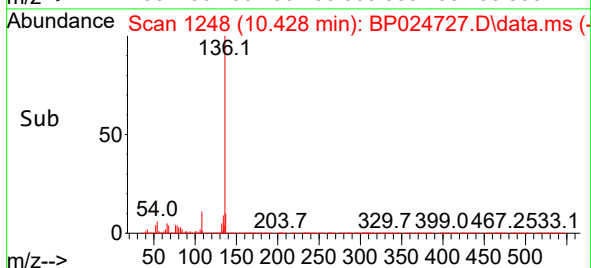
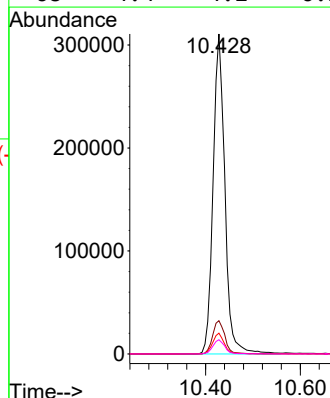
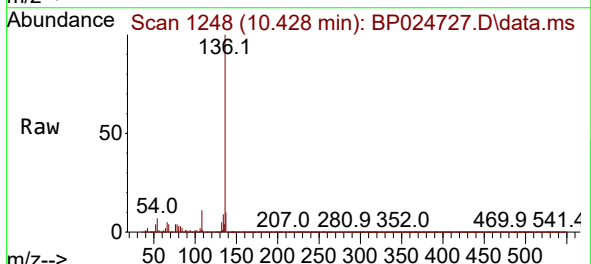
Instrument :
BNA_P
ClientSampleId :
L1-WC-1

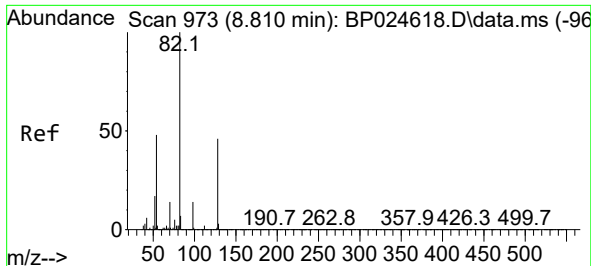
Tgt Ion: 99 Resp: 1106968
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion: 136 Resp: 536039
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.5 5.5 8.3
68 4.4 4.2 6.2

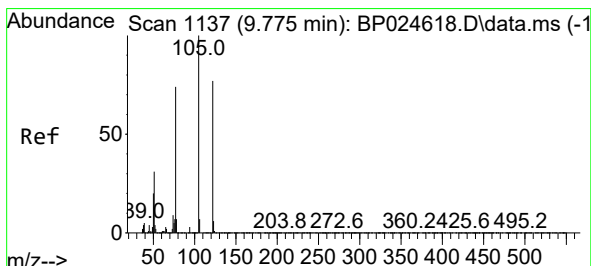
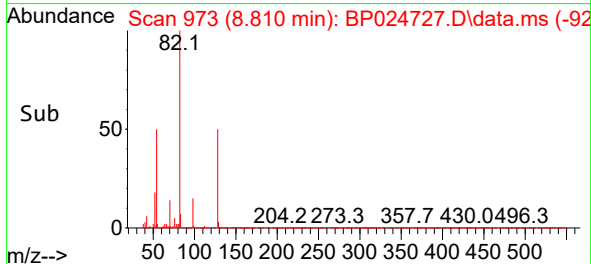
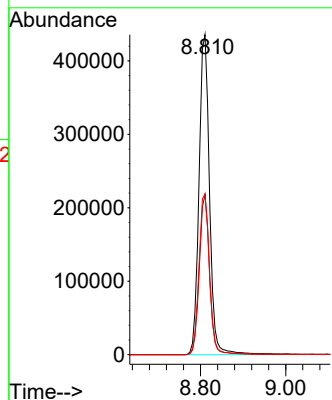
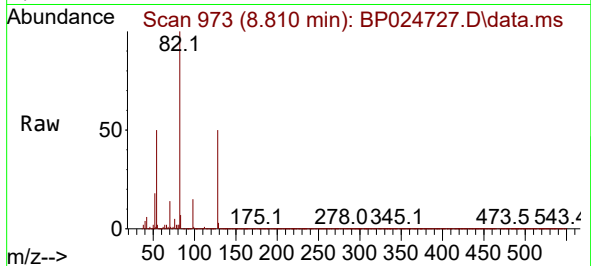




#23
Nitrobenzene-d5
Concen: 70.410 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

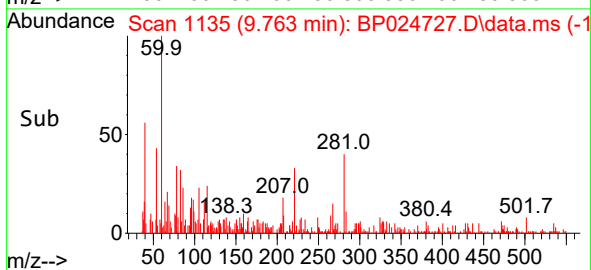
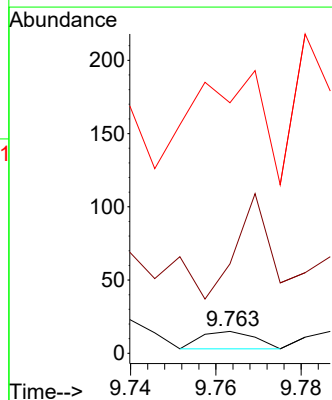
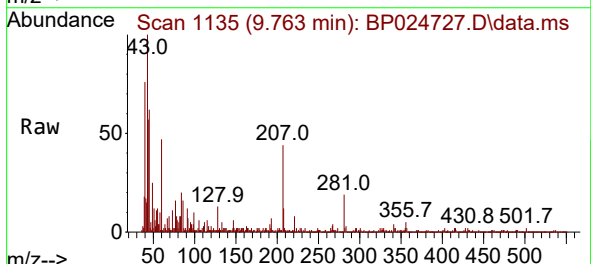
Instrument :
BNA_P
ClientSampleId :
L1-WC-1

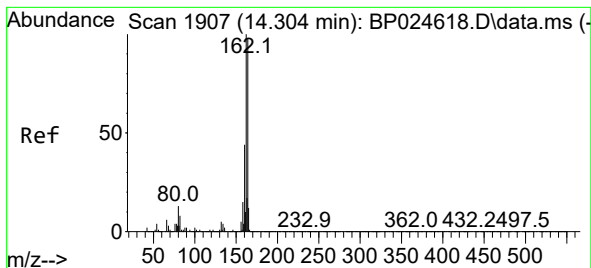
Tgt Ion: 82 Resp: 746988
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 50.2 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 406.7 106.9 146.9#
77 1140.0 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: BP024727.D

Acq: 21 May 2025 05:31

Instrument :

BNA_P

ClientSampleId :

L1-WC-1

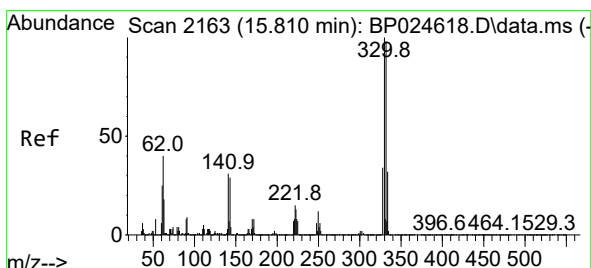
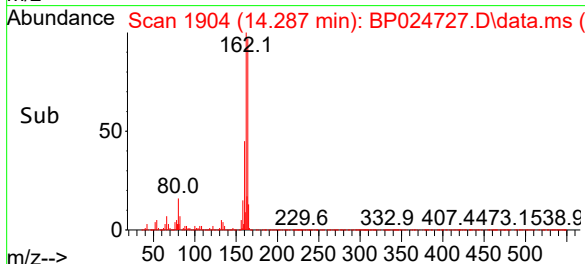
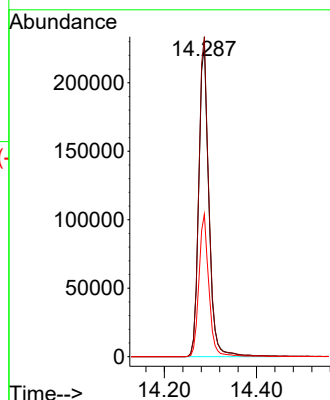
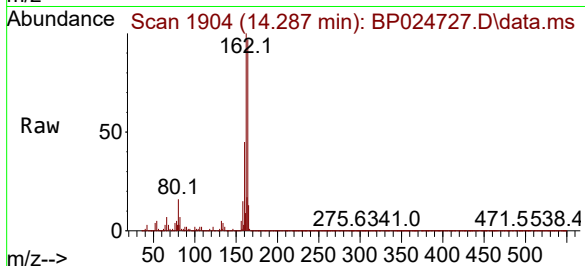
Tgt Ion:164 Resp: 347138

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 145.982 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024727.D

Acq: 21 May 2025 05:31

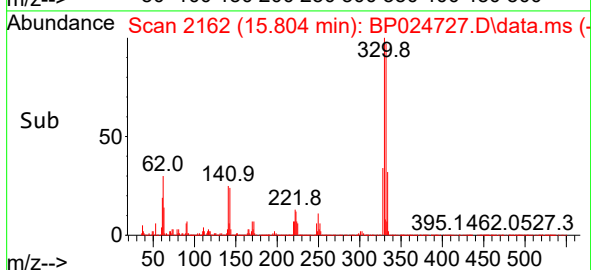
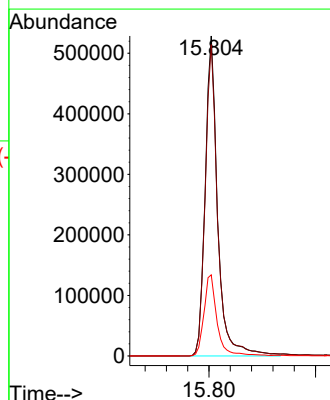
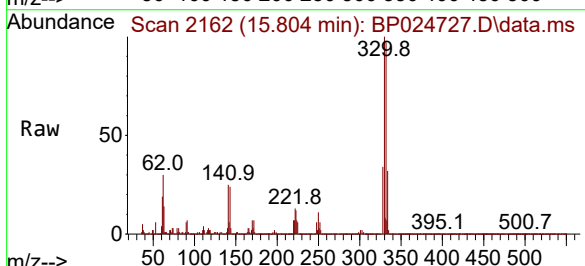
Tgt Ion:330 Resp: 859100

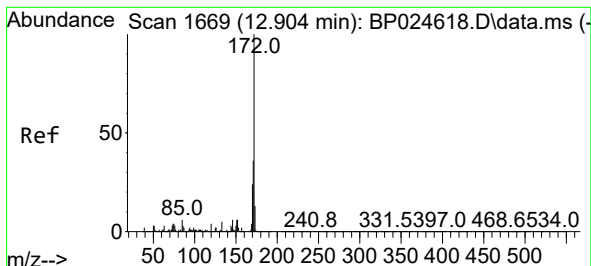
Ion Ratio Lower Upper

330 100

332 98.6 78.2 117.4

141 26.6 24.3 36.5

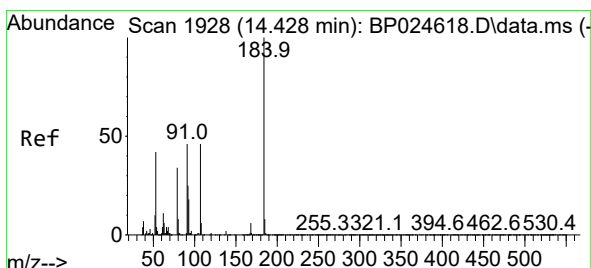
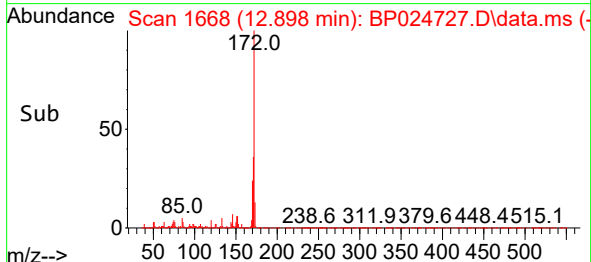
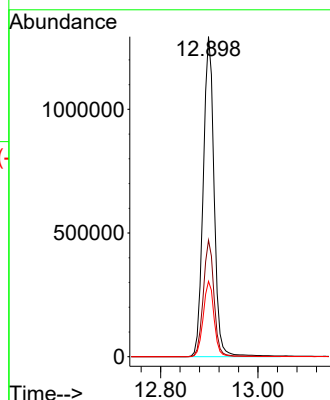
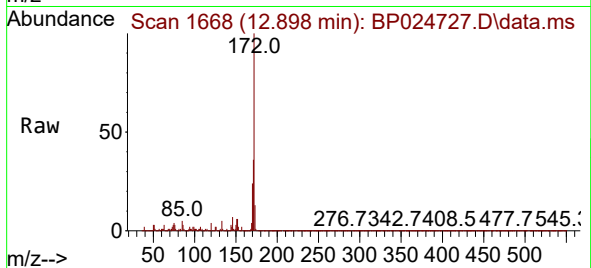




#45
2-Fluorobiphenyl
Concen: 75.892 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

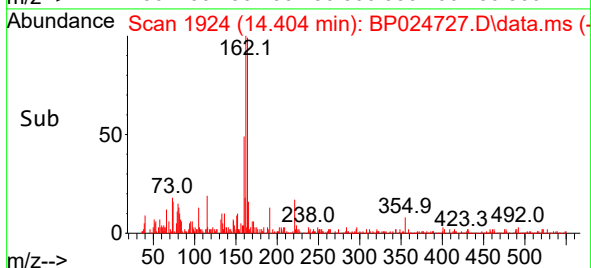
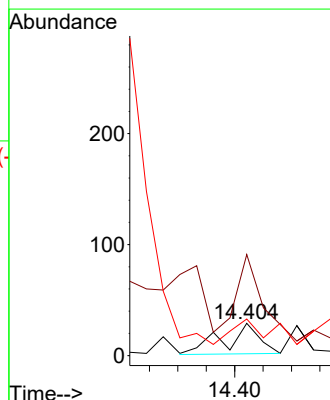
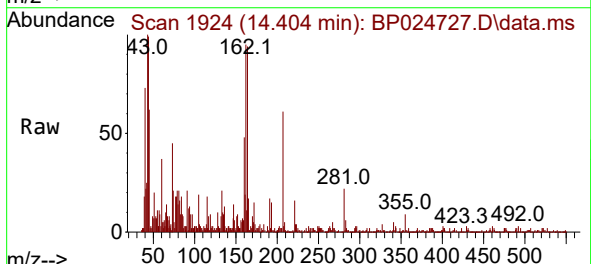
Instrument :
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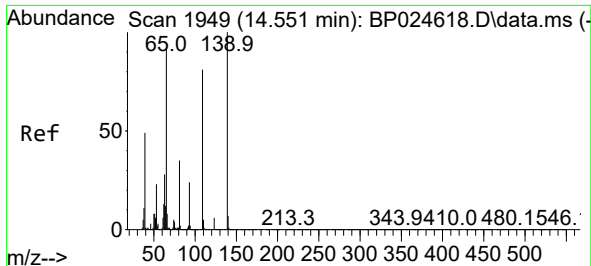
Tgt Ion:172 Resp: 2010877
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.024 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 313.8 51.3 76.9#
154 113.8 53.5 80.3#

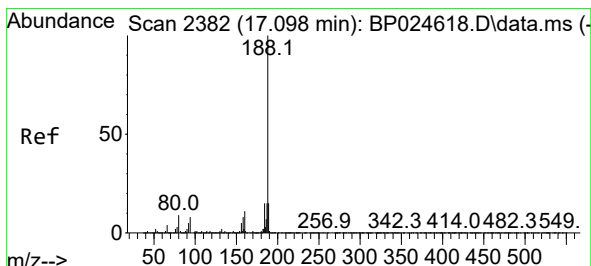
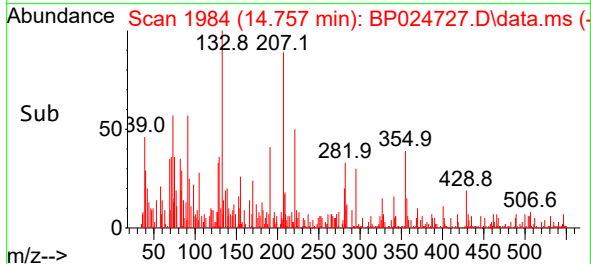
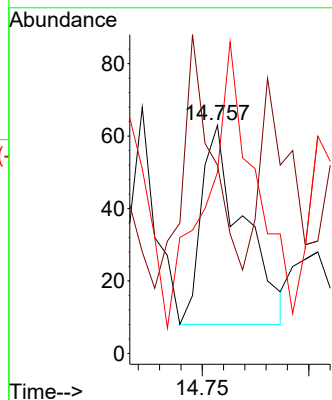
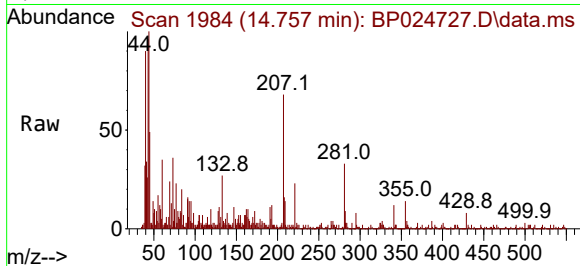




#56
4-Nitrophenol
Concen: 4.248 ng
RT: 14.757 min Scan# 1949
Delta R.T. 0.206 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

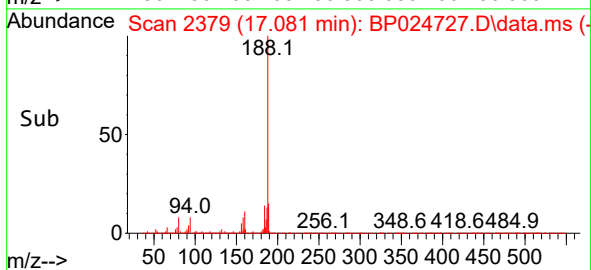
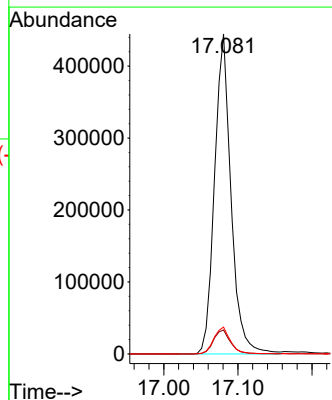
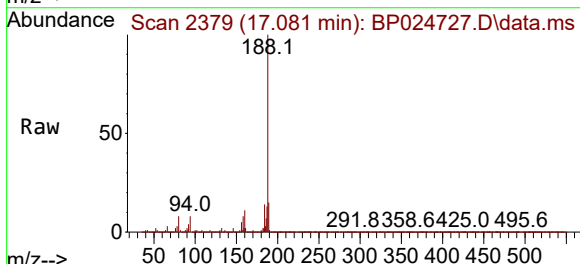
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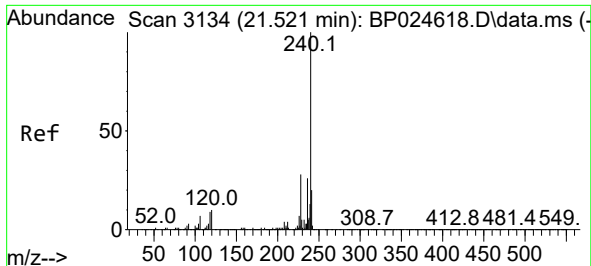
Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.5	61.4	101.4
65	79.4	72.2	112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.5	9.7
80	8.4	7.3	10.9

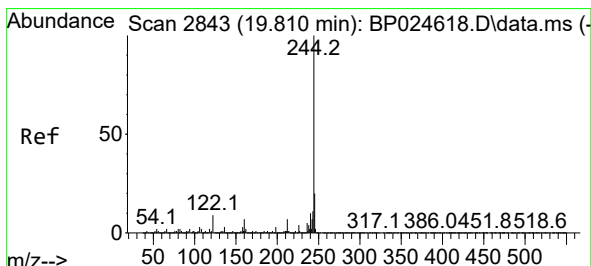
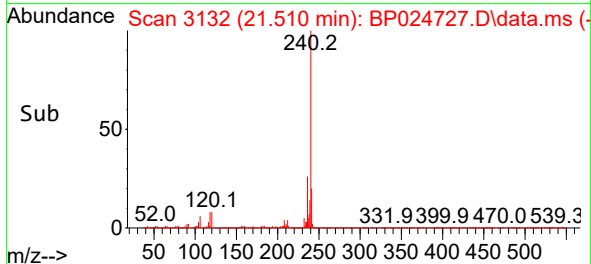
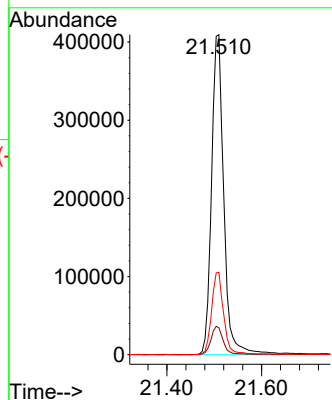
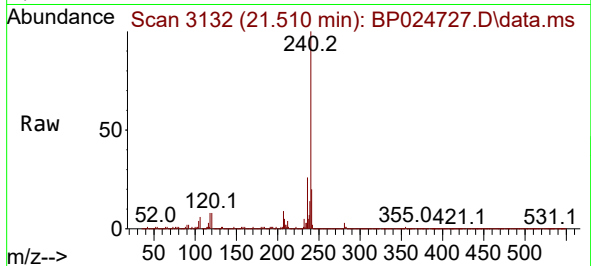




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

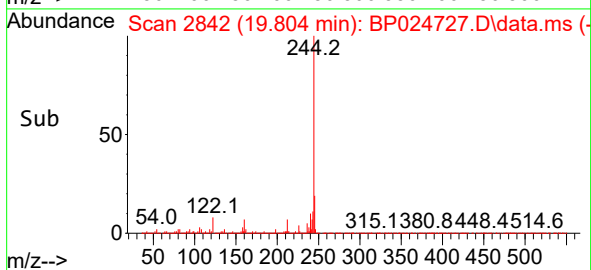
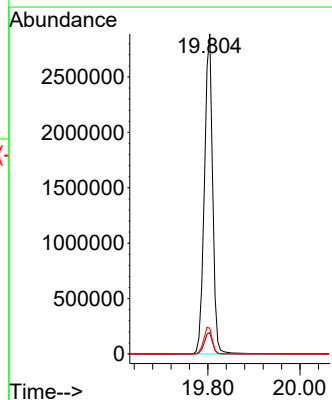
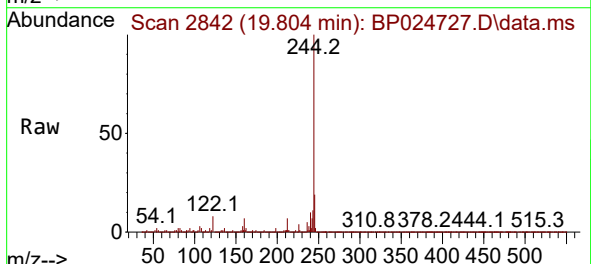
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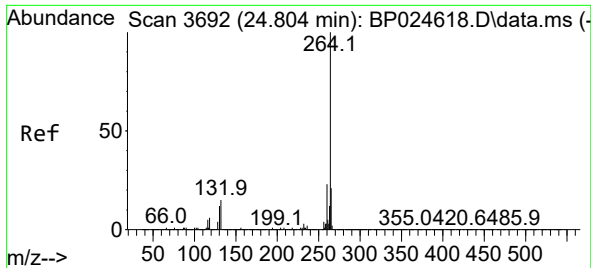
Tgt Ion:240 Resp: 734507
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 84.187 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Tgt Ion:244 Resp: 3606248
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 8.0 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 30
Delta R.T. -0.023 min
Lab File: BP024727.D
Acq: 21 May 2025 05:31

Instrument :
BNA_P
ClientSampleId :
L1-WC-1

Tgt Ion:264 Resp: 837859
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.2 17.0 25.6

