

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024741.D
 Acq On : 21 May 2025 17:34
 Operator : RC/JU
 Sample : Q2052-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-B

Quant Time: May 21 18:13:01 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)

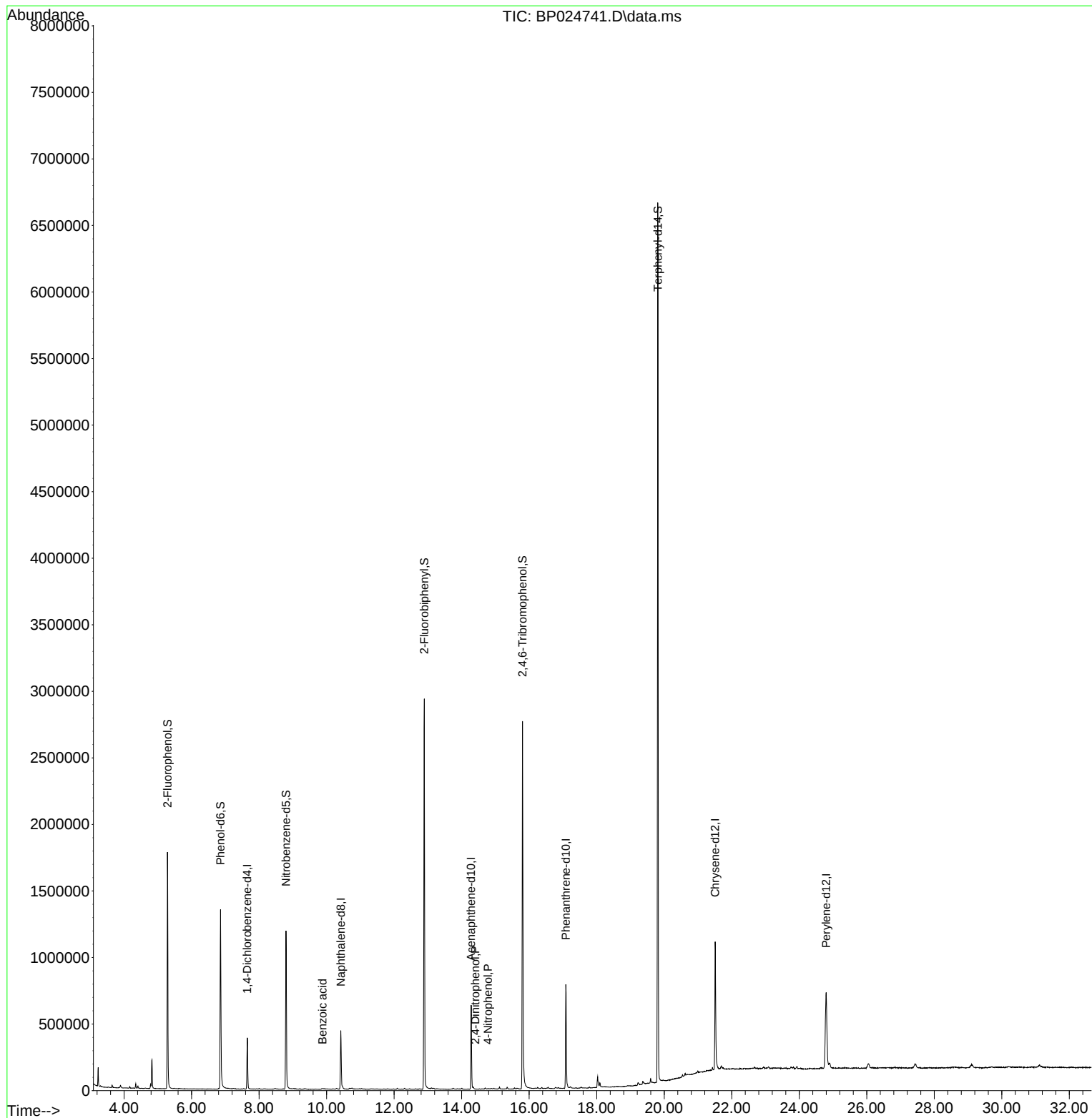
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	106724	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	389721	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	234948	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	517112	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	660461	20.000	ng	-0.01
86) Perylene-d12	24.798	264	776692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	784008	125.646	ng	0.00
7) Phenol-d6	6.858	99	838419	105.280	ng	0.00
23) Nitrobenzene-d5	8.799	82	679769	88.131	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	705460	177.116	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1548199	86.331	ng	-0.01
79) Terphenyl-d14	19.810	244	3454284	89.680	ng	0.00
Target Compounds						
32) Benzoic acid	9.881	122	1758	7.832	ng	Qvalue 96
54) 2,4-Dinitrophenol	14.404	184	9	6.405	ng	# 1
56) 4-Nitrophenol	14.781	139	356	4.335	ng	93

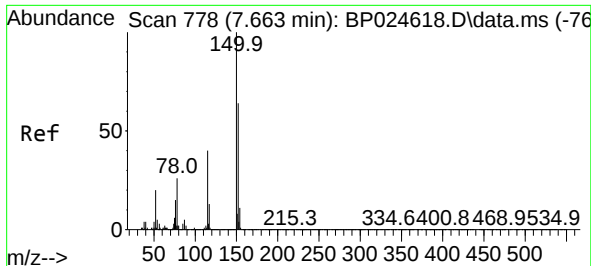
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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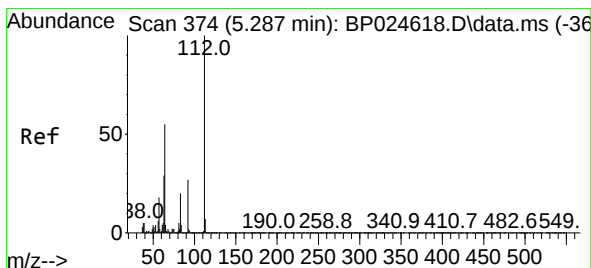
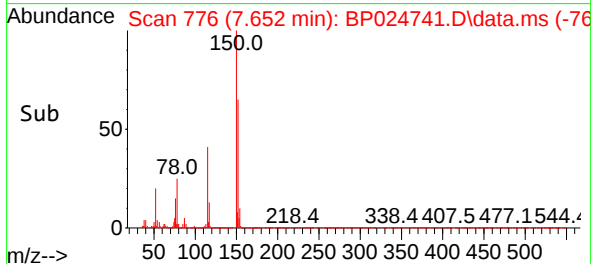
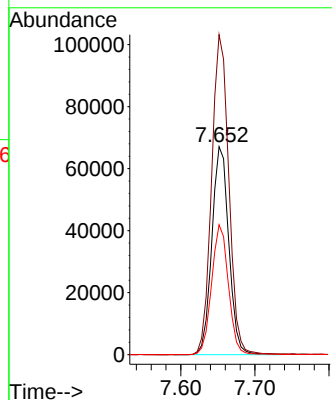
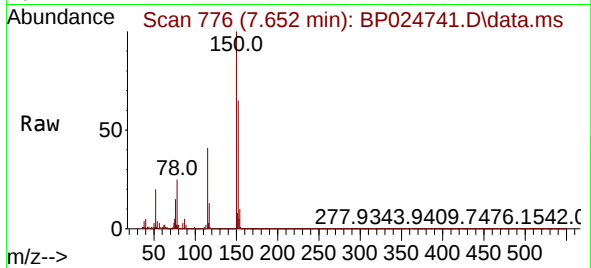




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

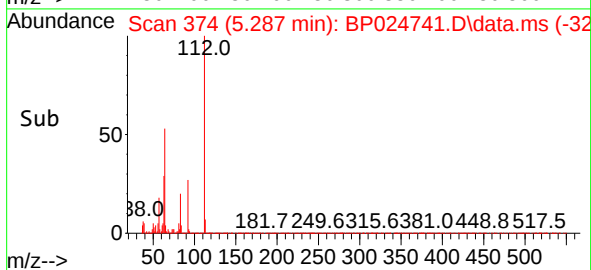
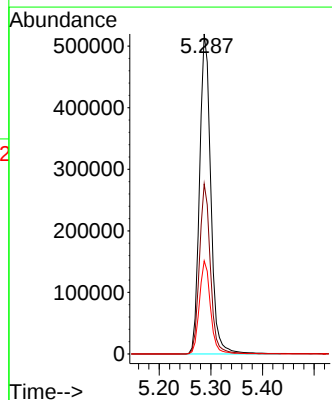
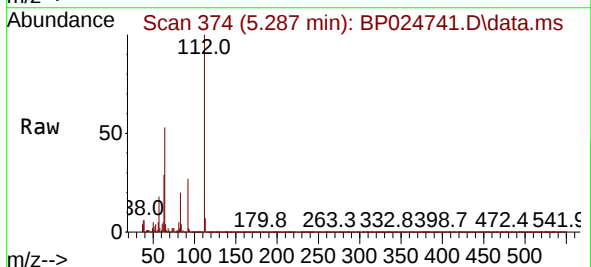
Instrument :
BNA_P
ClientSampleId :
TP-B

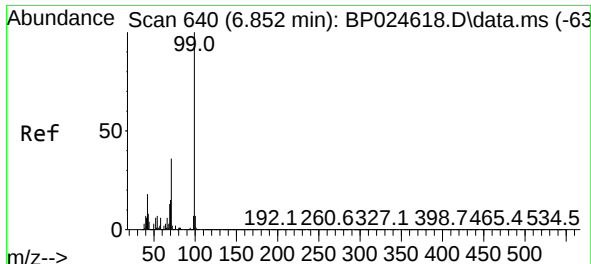
Tgt Ion:152 Resp: 106724
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 125.646 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion:112 Resp: 784008
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 29.1 23.5 35.3

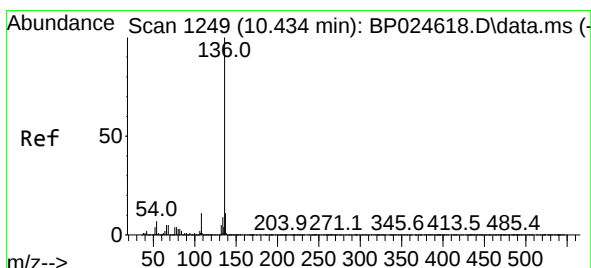
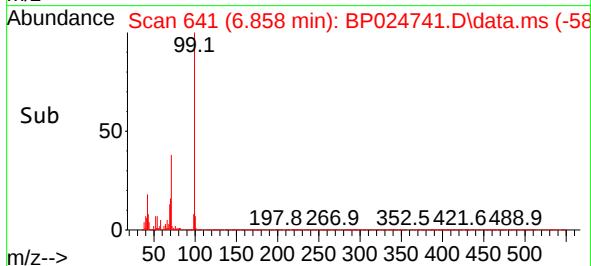
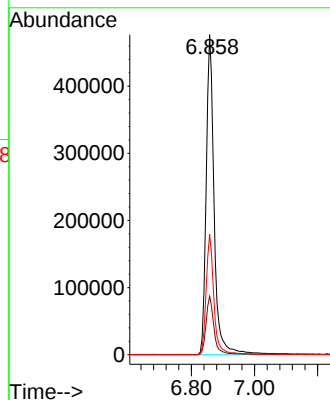
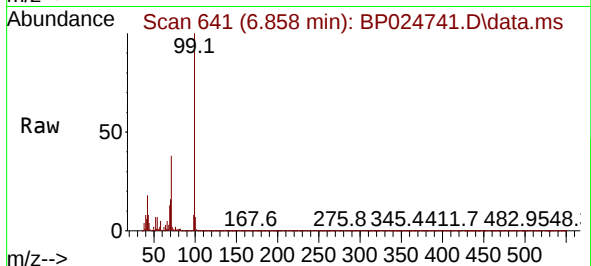




#7
Phenol-d6
Concen: 105.280 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

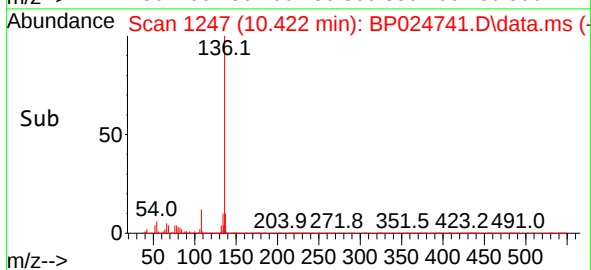
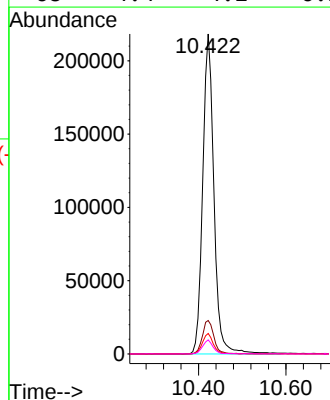
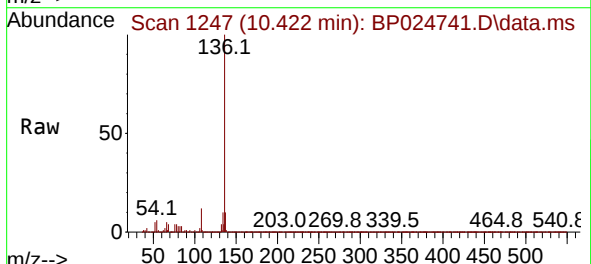
Instrument :
BNA_P
ClientSampleId :
TP-B

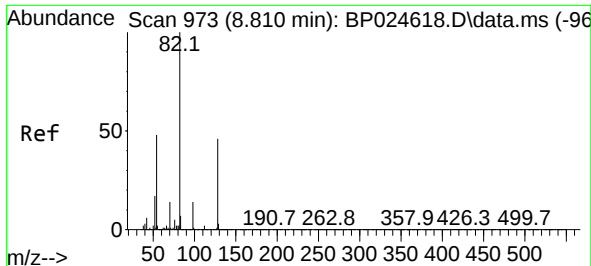
Tgt Ion: 99 Resp: 838419
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 37.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion:136 Resp: 389721
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.4 5.5 8.3
68 4.4 4.2 6.2

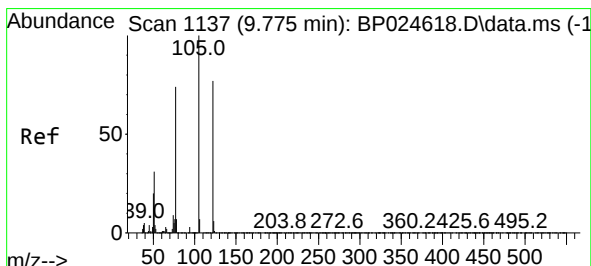
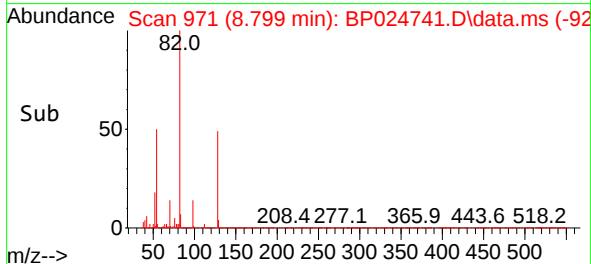
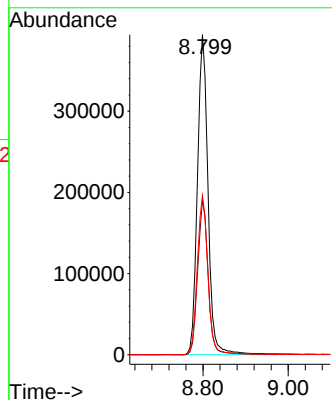
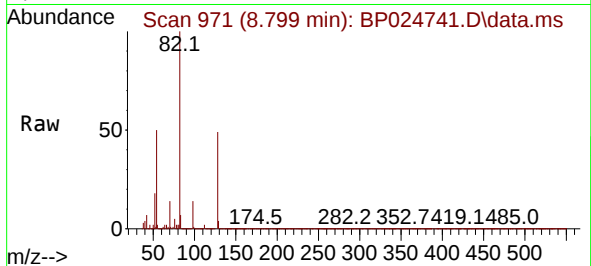




#23
Nitrobenzene-d5
Concen: 88.131 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

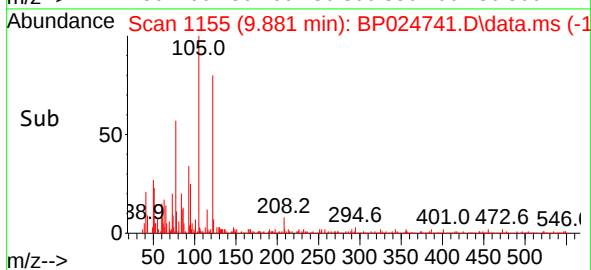
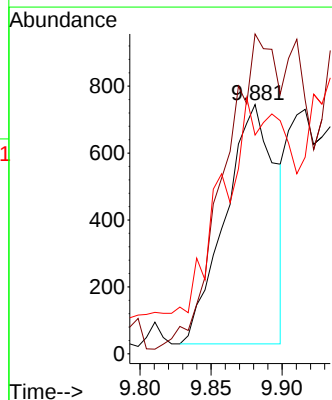
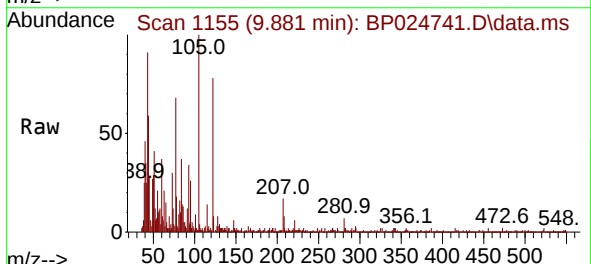
Instrument :
BNA_P
ClientSampleId :
TP-B

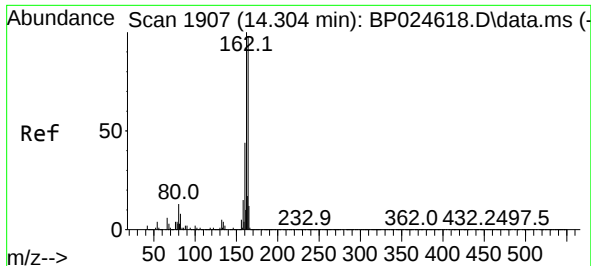
Tgt Ion: 82 Resp: 679769
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 49.8 38.7 58.1



#32
Benzoic acid
Concen: 7.832 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.106 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion: 122 Resp: 1758
Ion Ratio Lower Upper
122 100
105 128.3 106.9 146.9
77 87.8 75.1 115.1

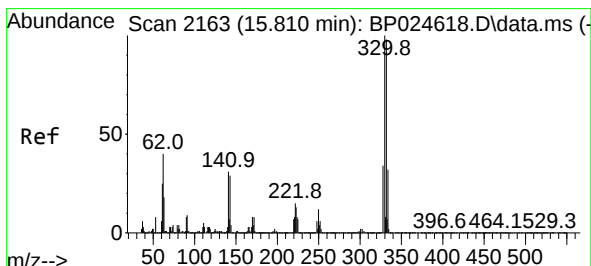
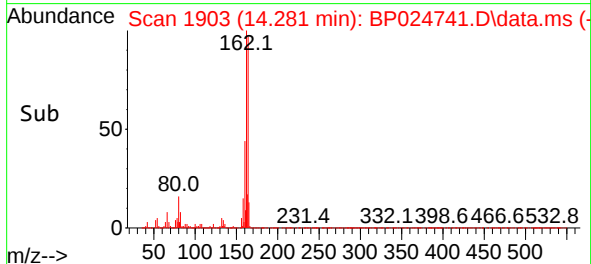
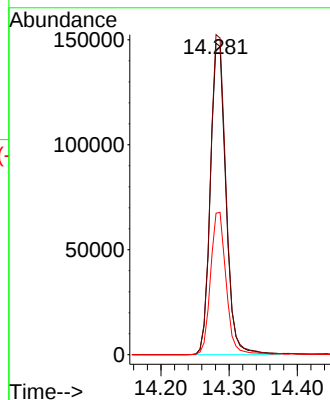
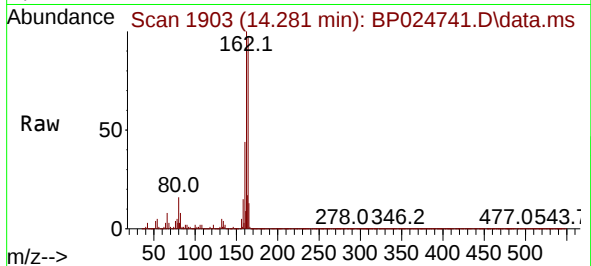




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

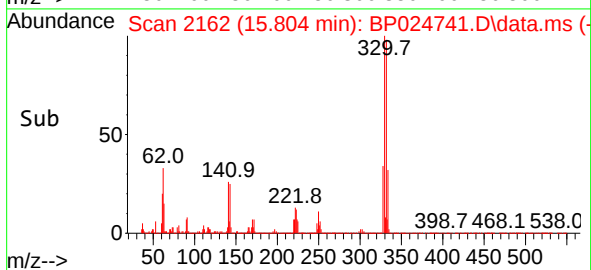
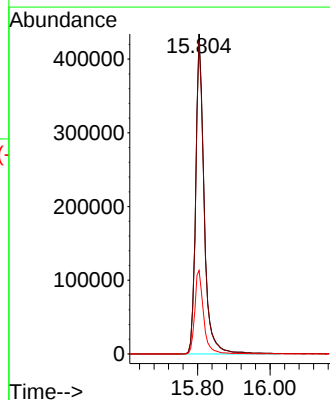
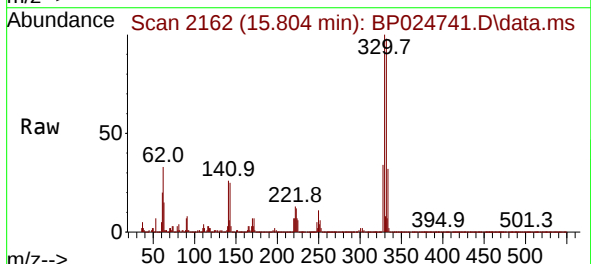
Instrument :
BNA_P
ClientSampleId :
TP-B

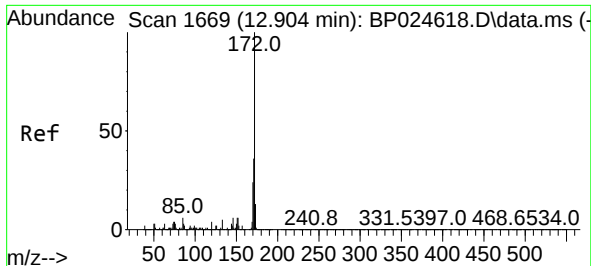
Tgt Ion:164 Resp: 234948
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.116 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion:330 Resp: 705460
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 27.2 24.3 36.5

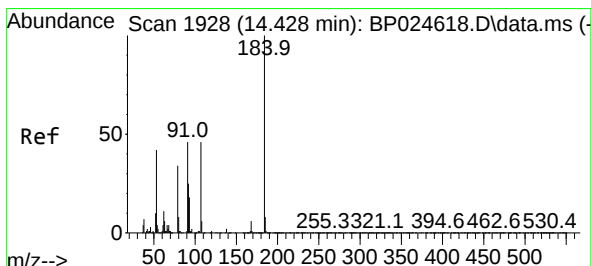
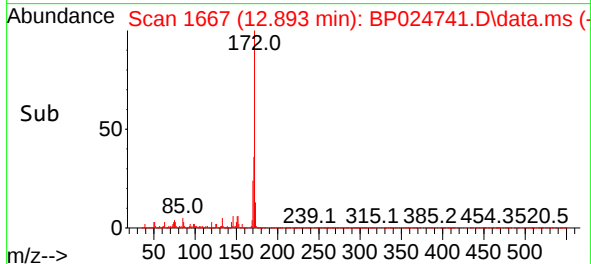
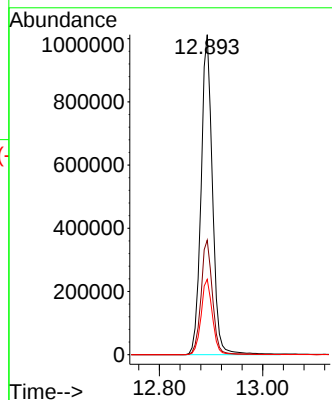
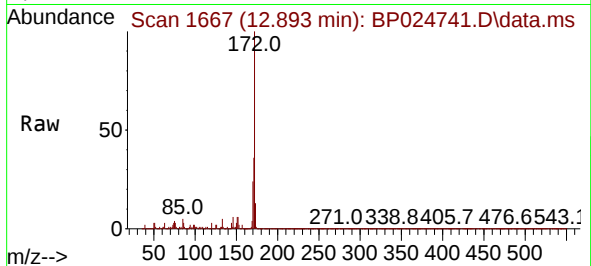




#45
2-Fluorobiphenyl
Concen: 86.331 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

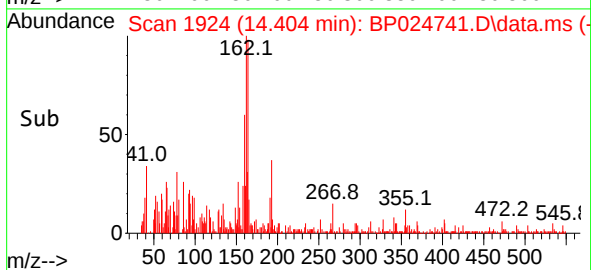
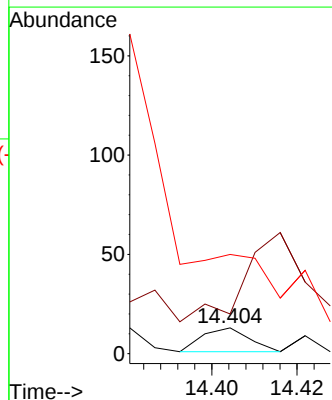
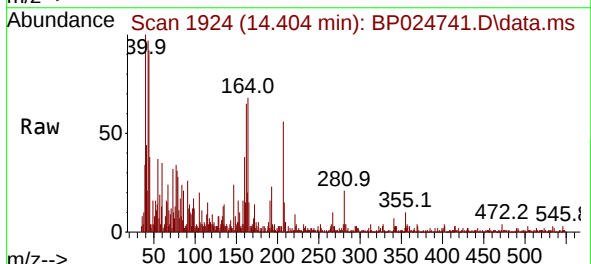
Instrument :
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TP-B

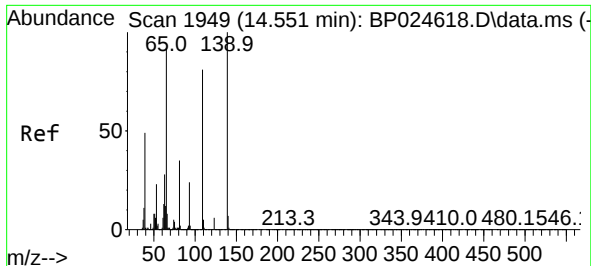
Tgt Ion:172 Resp: 1548199
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.024 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 153.8 51.3 76.9#
154 384.6 53.5 80.3#

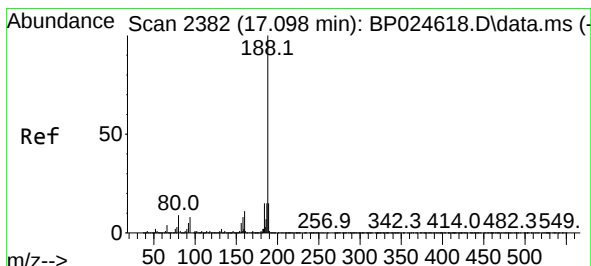
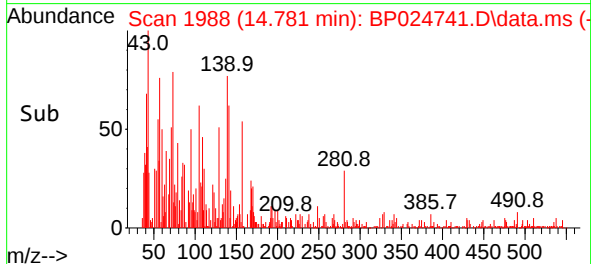
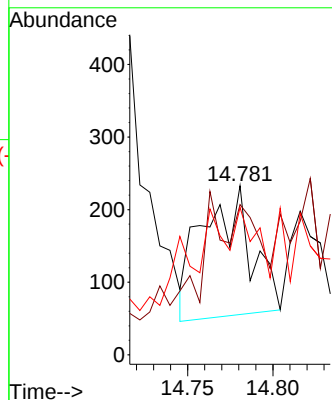
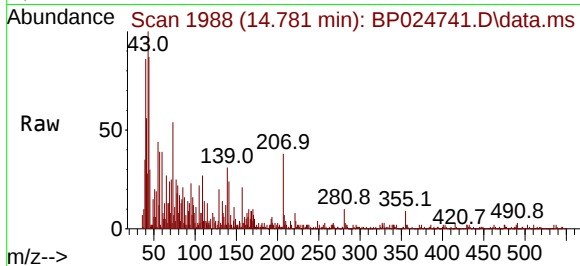




#56
4-Nitrophenol
Concen: 4.335 ng
RT: 14.781 min Scan# 1949
Delta R.T. 0.230 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

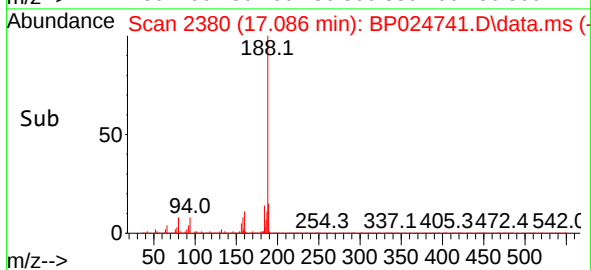
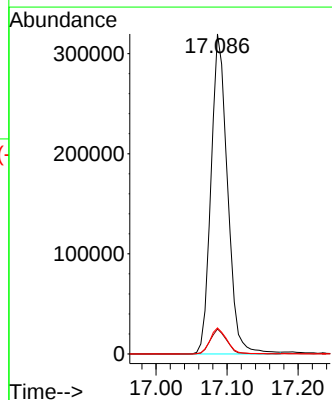
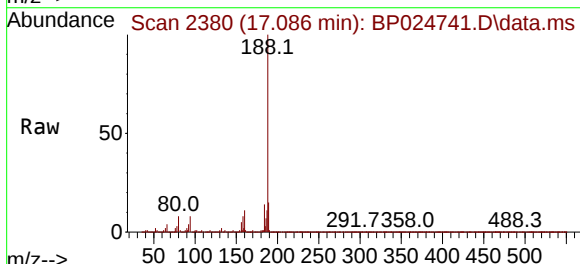
Instrument :
BNA_P
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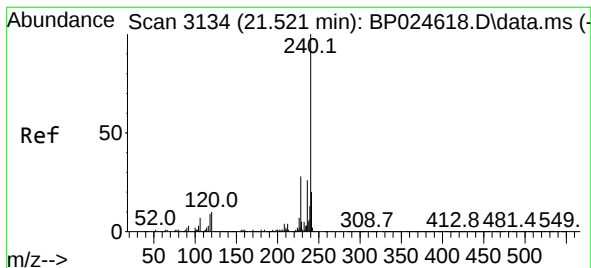
Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.8	61.4	101.4
65	87.1	72.2	112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.5	9.7
80	8.2	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: BP024741.D

Acq: 21 May 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-B

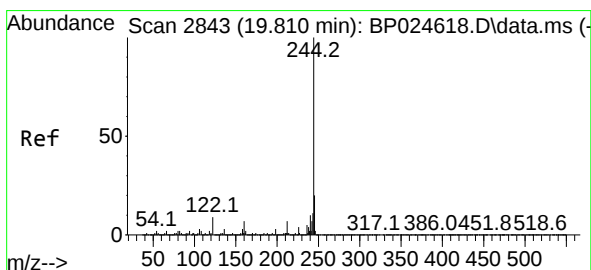
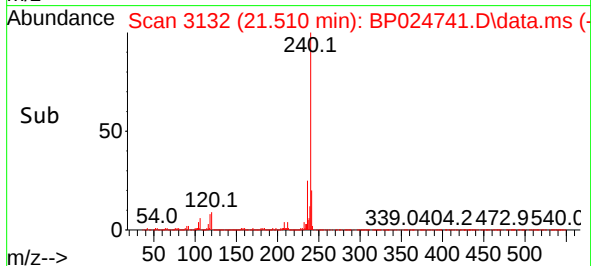
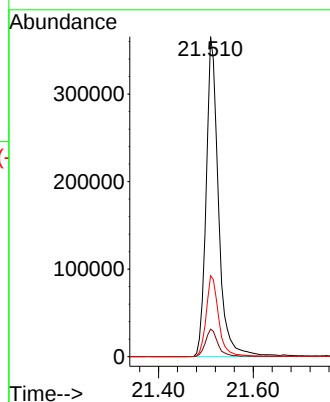
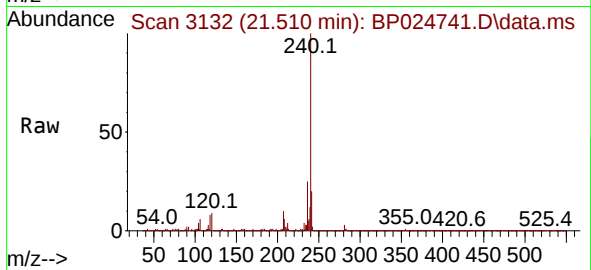
Tgt Ion:240 Resp: 660461

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 89.680 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024741.D

Acq: 21 May 2025 17:34

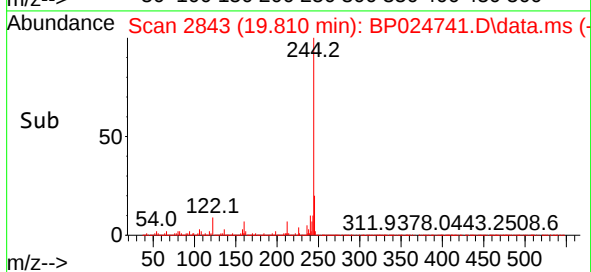
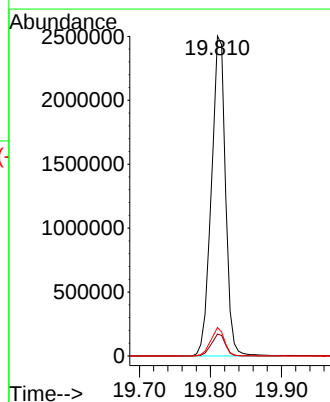
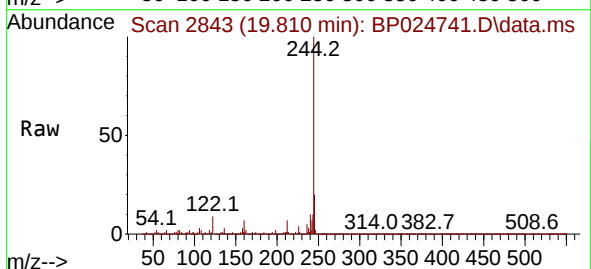
Tgt Ion:244 Resp: 3454284

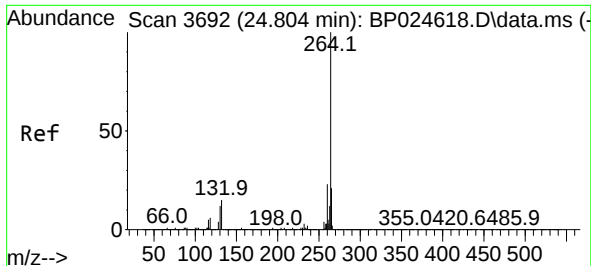
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.9 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP024741.D
Acq: 21 May 2025 17:34

Instrument :
BNA_P
ClientSampleId :
TP-B

Tgt Ion:264 Resp: 776692
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 22.1 17.0 25.6

