

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024820.D
 Acq On : 28 May 2025 18:12
 Operator : RC/JU
 Sample : Q2130-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: May 29 02:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

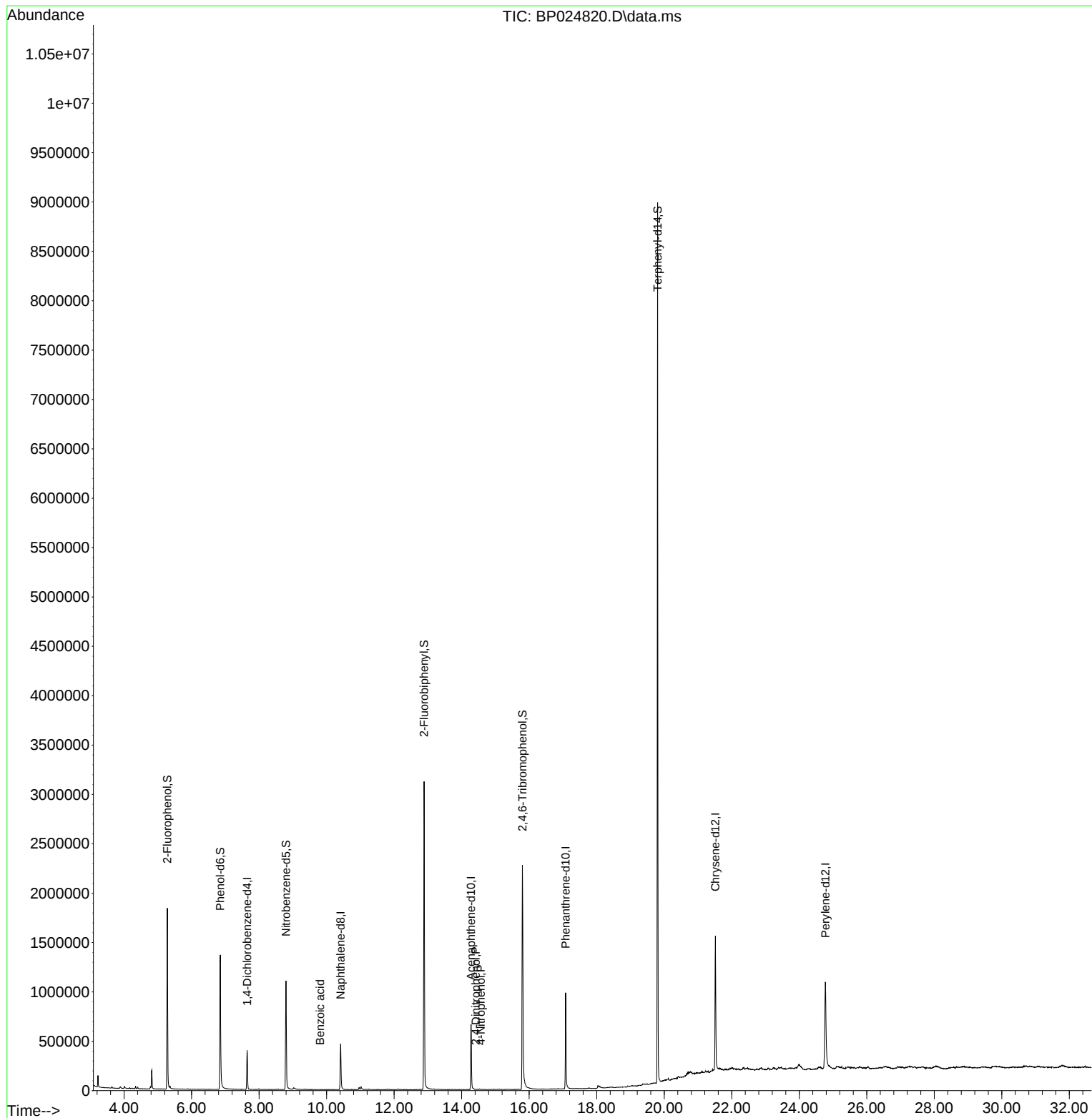
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	110818	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	425634	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	264253	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	582017	20.000	ng	0.02
76) Chrysene-d12	21.516	240	804008	20.000	ng	0.02
86) Perylene-d12	24.774	264	989962	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	831040	128.263	ng	0.00
7) Phenol-d6	6.852	99	903679	109.282	ng	0.00
23) Nitrobenzene-d5	8.799	82	659421	78.279	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	729691	162.883	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1628917	80.759	ng	0.00
79) Terphenyl-d14	19.804	244	3852253	82.156	ng	0.02
Target Compounds						Qvalue
32) Benzoic acid	9.810	122	19	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	10	6.405	ng	# 1
56) 4-Nitrophenol	14.569	139	56	4.248	ng	# 1

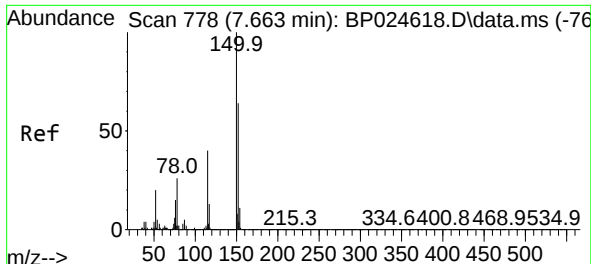
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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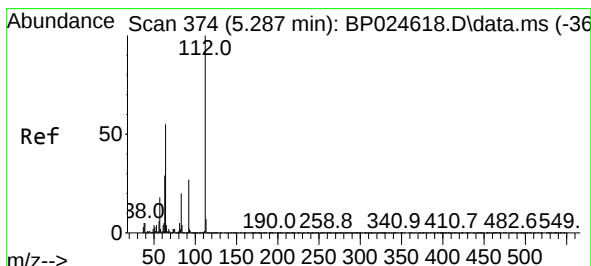
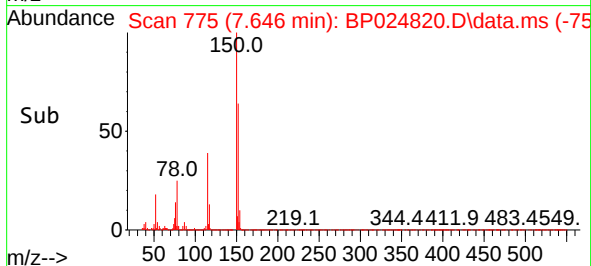
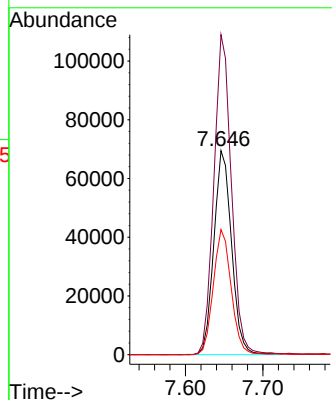
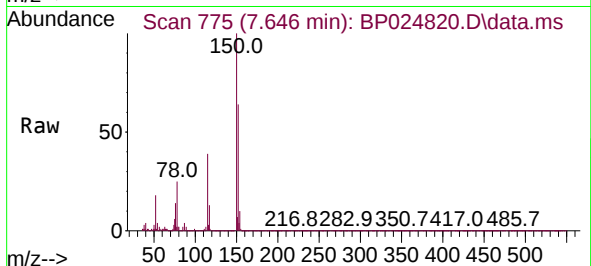




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

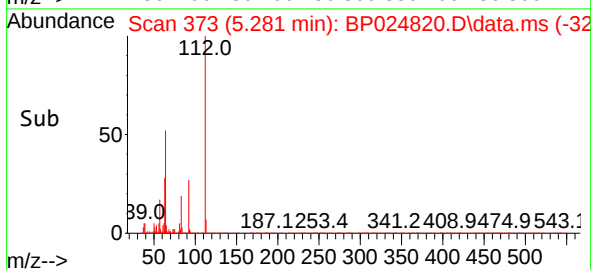
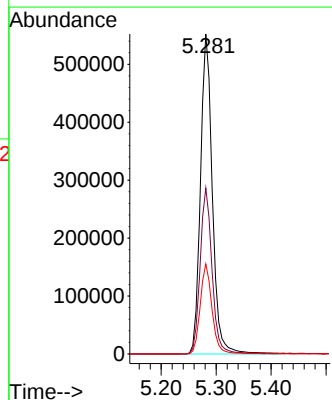
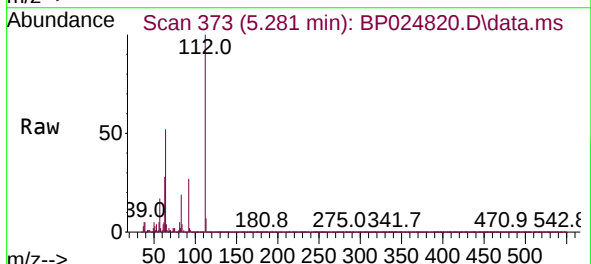
Instrument :
BNA_P
ClientSampleId :
TP-3

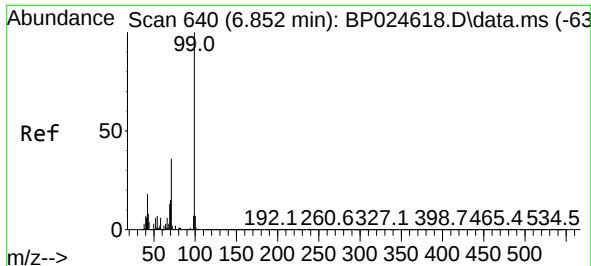
Tgt Ion:152 Resp: 110818
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 61.4 50.1 75.1



#5
2-Fluorophenol
Concen: 128.263 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

Tgt Ion:112 Resp: 831040
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.1 23.5 35.3

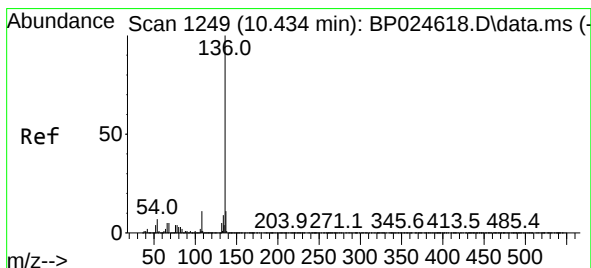
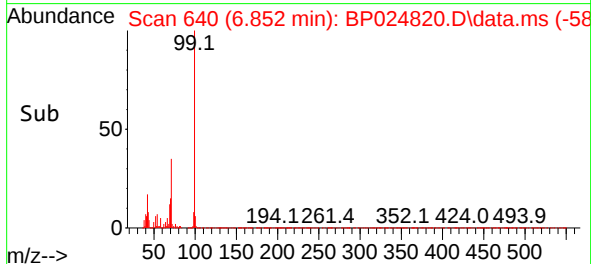
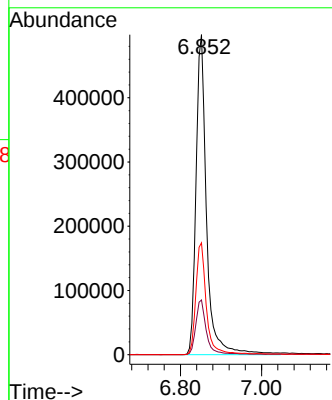
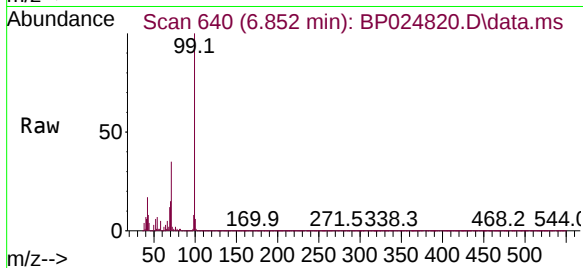




#7
Phenol-d6
Concen: 109.282 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

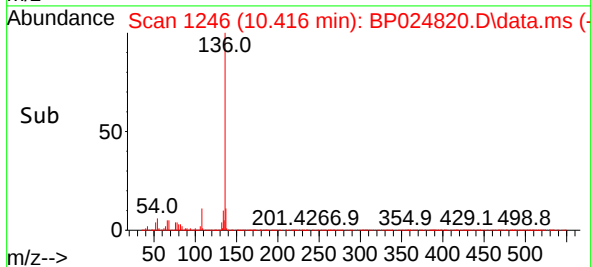
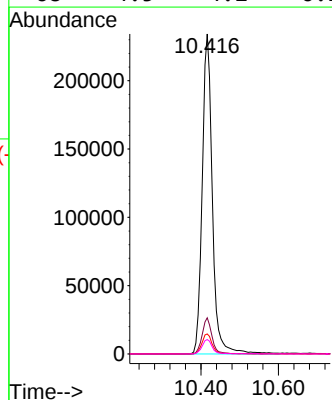
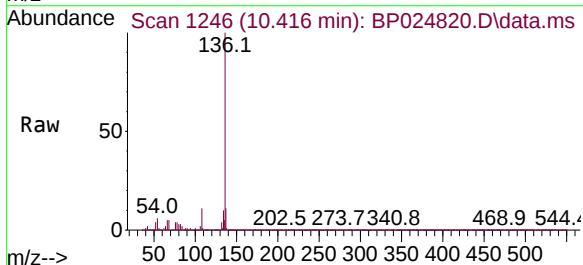
Instrument :
BNA_P
ClientSampleId :
TP-3

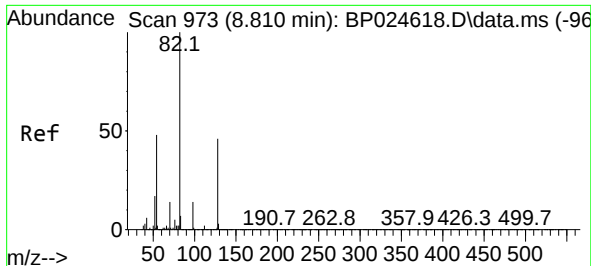
Tgt Ion: 99 Resp: 903679
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

Tgt Ion:136 Resp: 425634
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.2 5.5 8.3
68 4.5 4.2 6.2

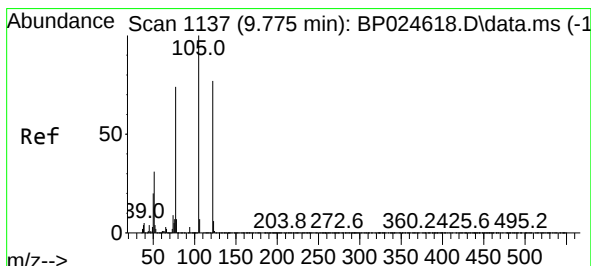
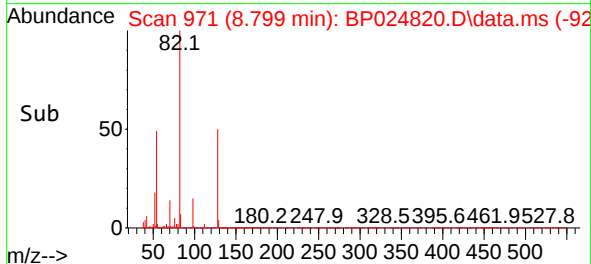
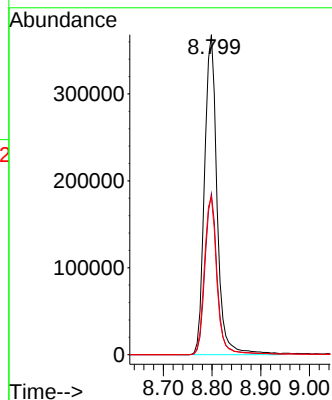
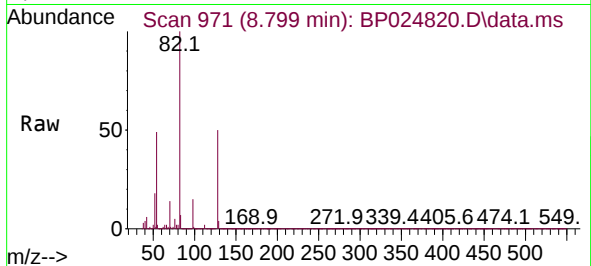




#23
Nitrobenzene-d5
Concen: 78.279 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

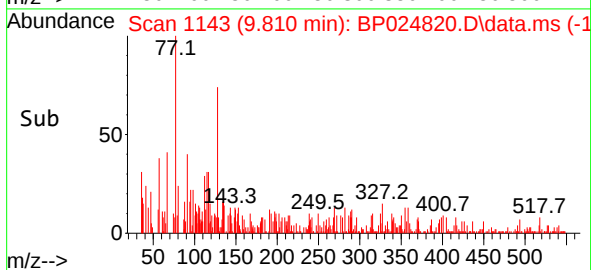
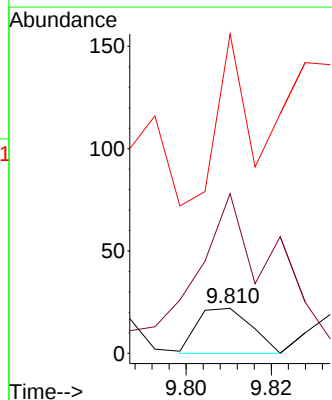
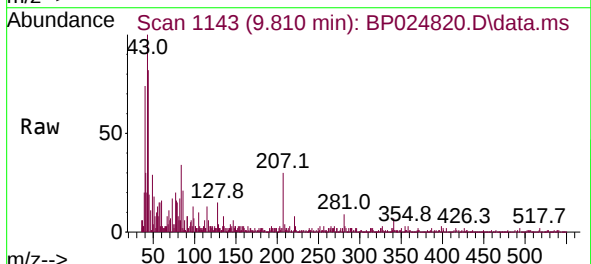
Instrument :
BNA_P
ClientSampleId :
TP-3

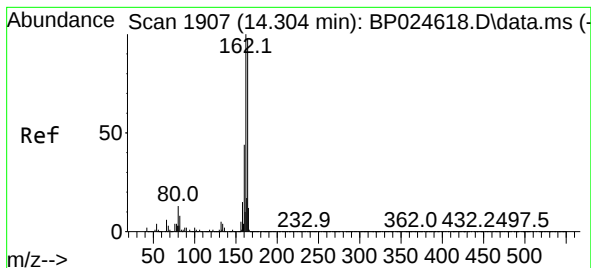
Tgt Ion: 82 Resp: 659421
Ion Ratio Lower Upper
82 100
128 50.3 37.0 55.4
54 49.2 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.018 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

Tgt Ion:122 Resp: 19
Ion Ratio Lower Upper
122 100
105 404.5 106.9 146.9#
77 709.1 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP024820.D

Acq: 28 May 2025 18:12

Instrument :

BNA_P

ClientSampleId :

TP-3

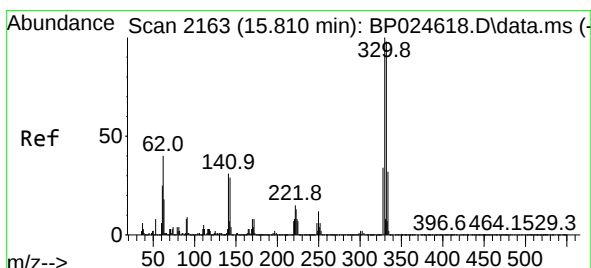
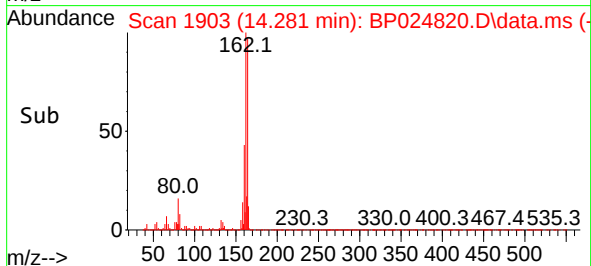
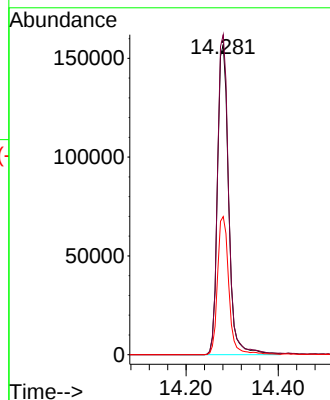
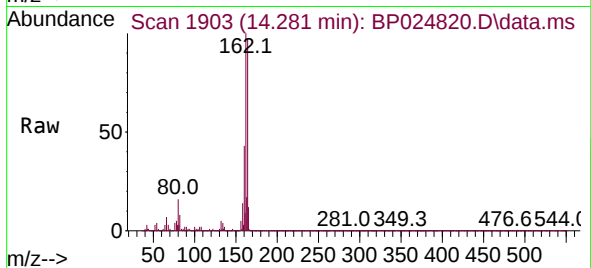
Tgt Ion:164 Resp: 264253

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 44.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 162.883 ng

RT: 15.804 min Scan# 2162

Delta R.T. 0.018 min

Lab File: BP024820.D

Acq: 28 May 2025 18:12

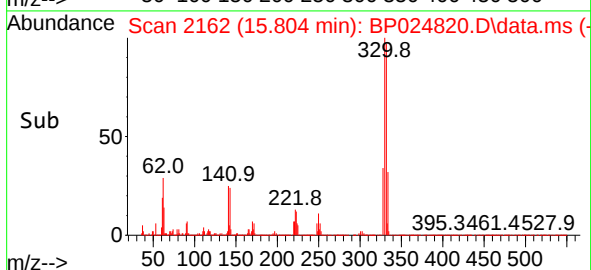
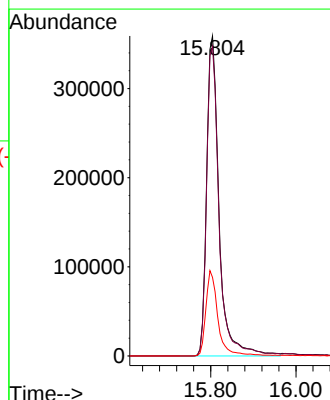
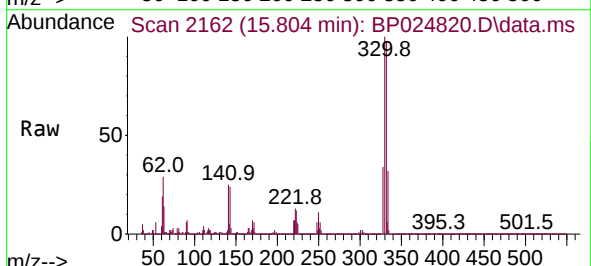
Tgt Ion:330 Resp: 729691

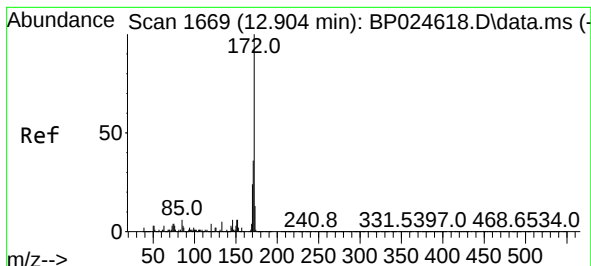
Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 26.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.759 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024820.D

Acq: 28 May 2025 18:12

Instrument :

BNA_P

ClientSampleId :

TP-3

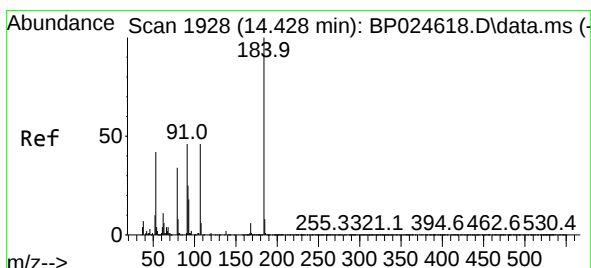
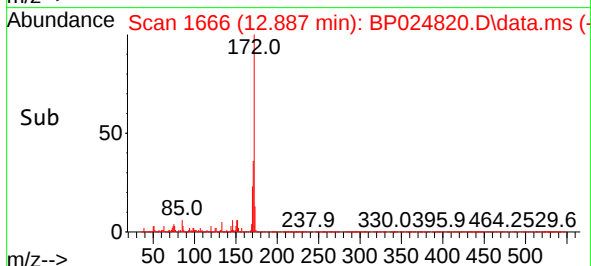
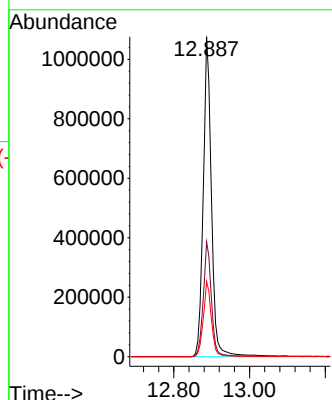
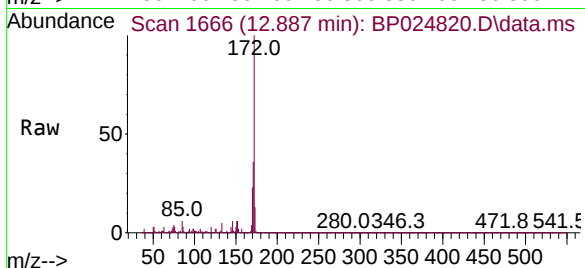
Tgt Ion:172 Resp: 1628917

Ion Ratio Lower Upper

172 100

171 35.9 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: BP024820.D

Acq: 28 May 2025 18:12

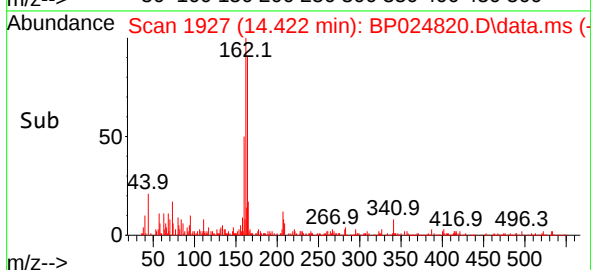
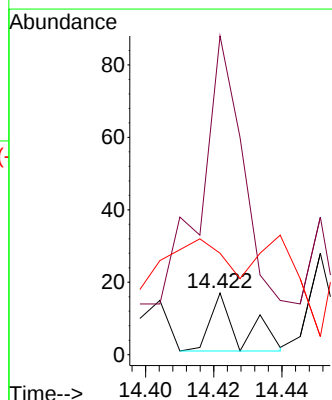
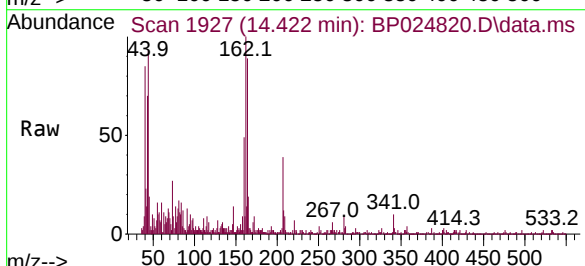
Tgt Ion:184 Resp: 10

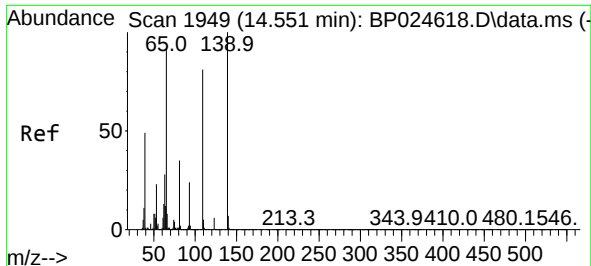
Ion Ratio Lower Upper

184 100

63 517.6 51.3 76.9#

154 164.7 53.5 80.3#

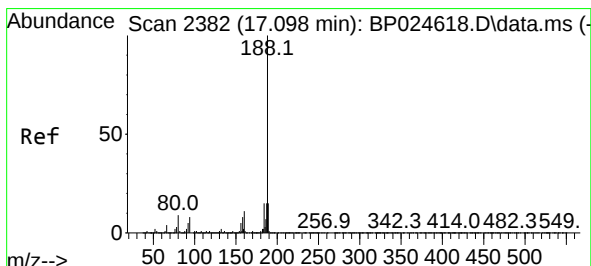
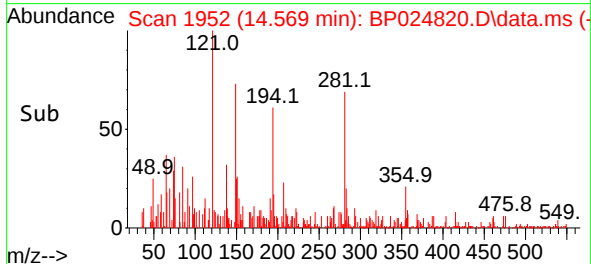
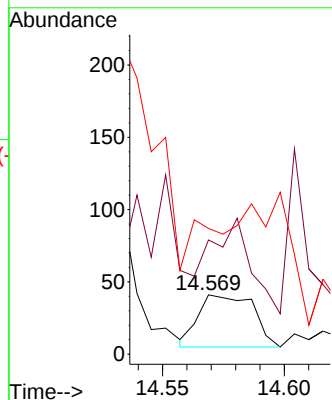
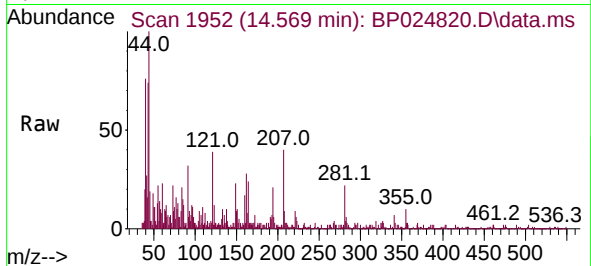




#56
4-Nitrophenol
Concen: 4.248 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

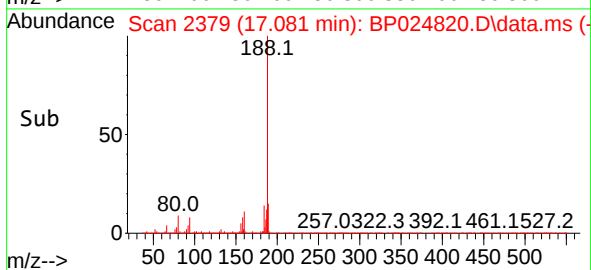
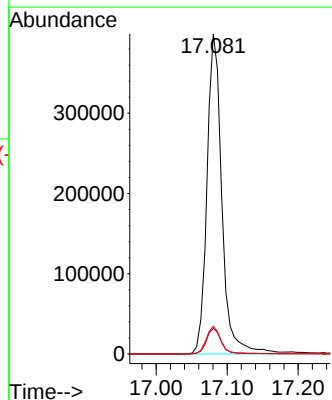
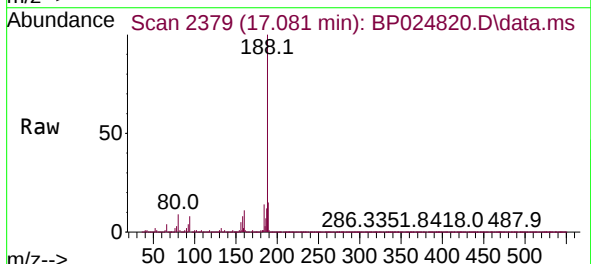
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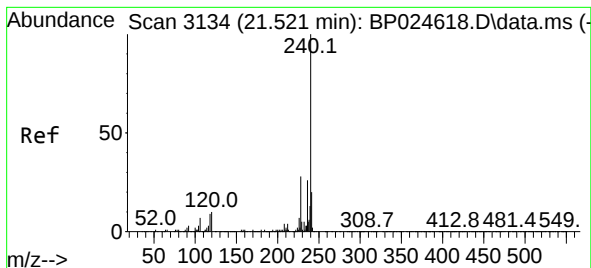
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 151.9 61.4 101.4#
65 248.1 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. 0.018 min
Lab File: BP024820.D
Acq: 28 May 2025 18:12

Tgt Ion:188 Resp: 582017
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.7 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3134

Delta R.T. 0.024 min

Lab File: BP024820.D

Acq: 28 May 2025 18:12

Instrument :

BNA_P

ClientSampleId :

TP-3

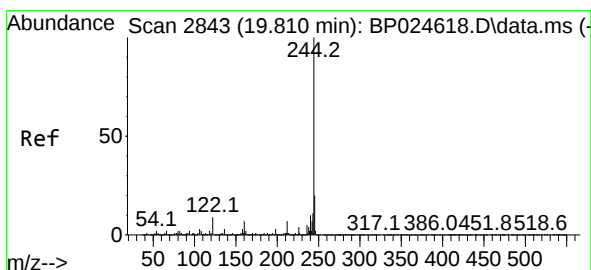
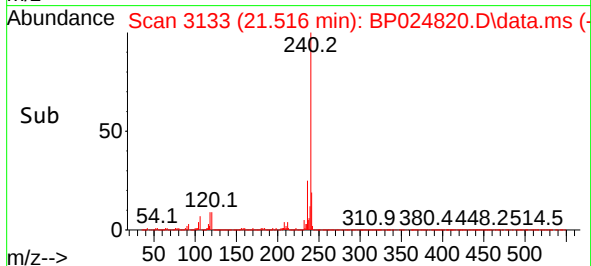
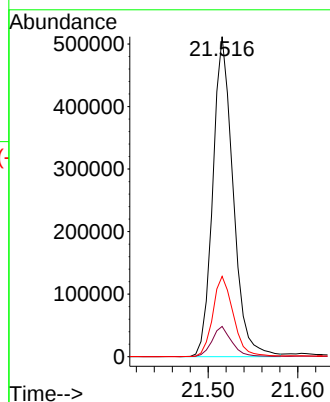
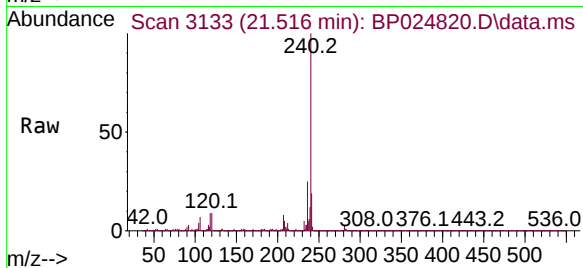
Tgt Ion:240 Resp: 804008

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 82.156 ng

RT: 19.804 min Scan# 2842

Delta R.T. 0.018 min

Lab File: BP024820.D

Acq: 28 May 2025 18:12

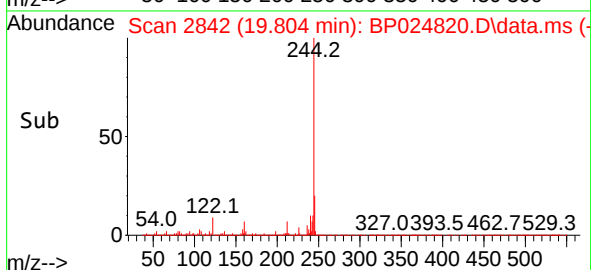
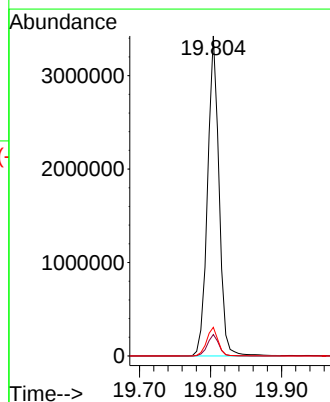
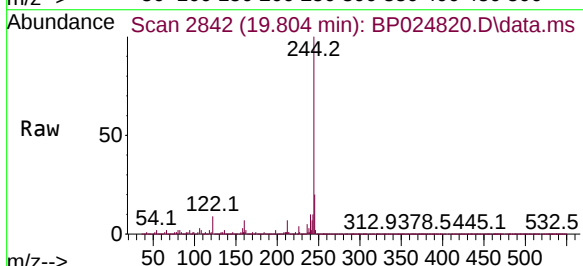
Tgt Ion:244 Resp: 3852253

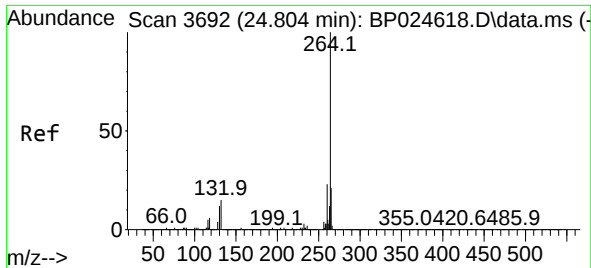
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.9 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: BP024820.D
 Acq: 28 May 2025 18:12

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 989962
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 21.9 17.0 25.6

