

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024819.D
 Acq On : 28 May 2025 17:31
 Operator : RC/JU
 Sample : Q2128-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHM

Quant Time: May 28 18:29:13 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)

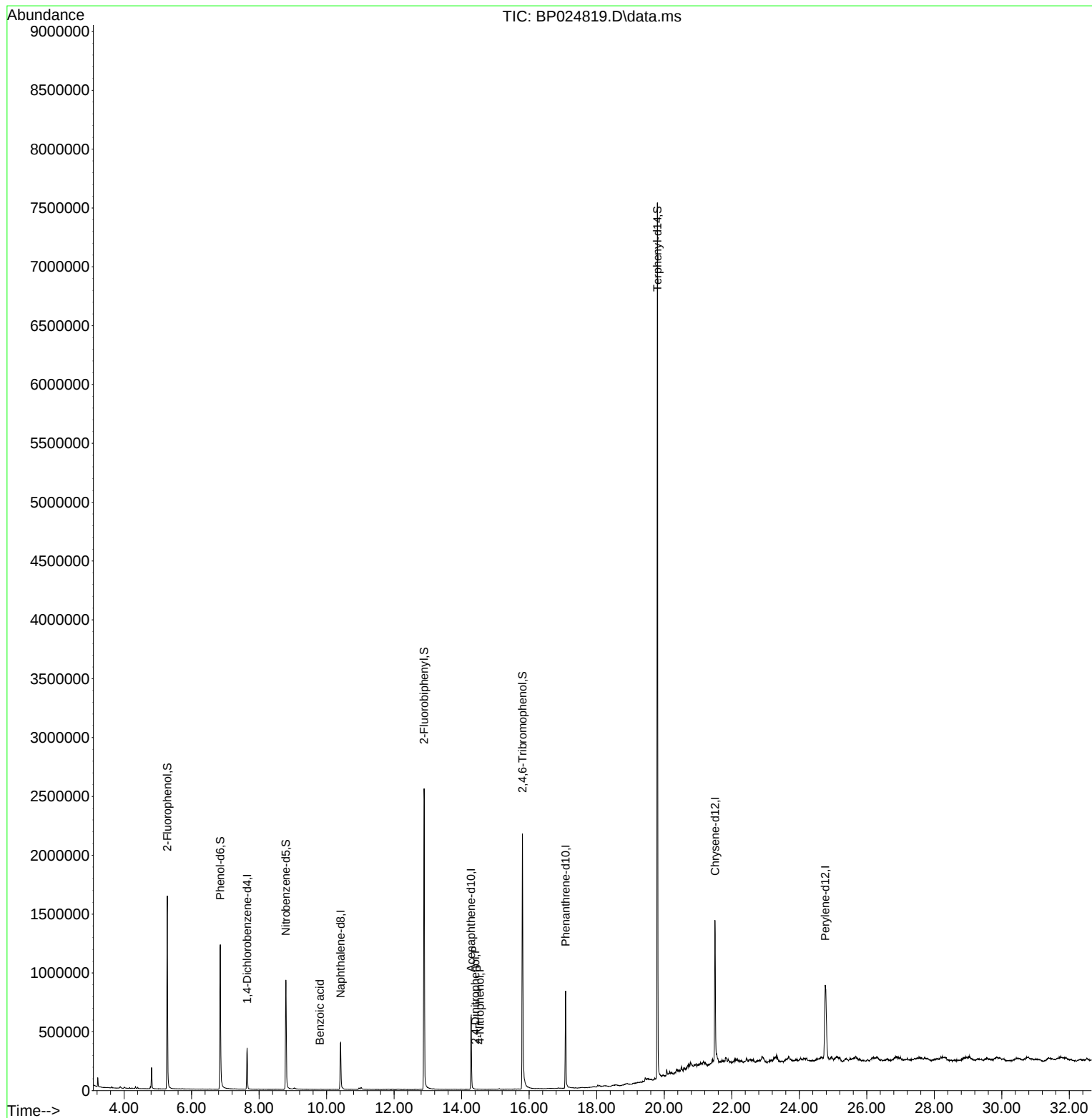
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	98292	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	381122	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	231227	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	547819	20.000	ng	0.02
76) Chrysene-d12	21.504	240	833718	20.000	ng	0.01
86) Perylene-d12	24.768	264	978425	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	751352	130.742	ng	0.00
7) Phenol-d6	6.852	99	822248	112.107	ng	0.00
23) Nitrobenzene-d5	8.793	82	586321	77.730	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	649979	165.812	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1432708	81.177	ng	0.00
79) Terphenyl-d14	19.798	244	3777572	77.693	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.799	122	32	7.475	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	19	6.409	ng	# 1
56) 4-Nitrophenol	14.540	139	48	4.248	ng	# 64

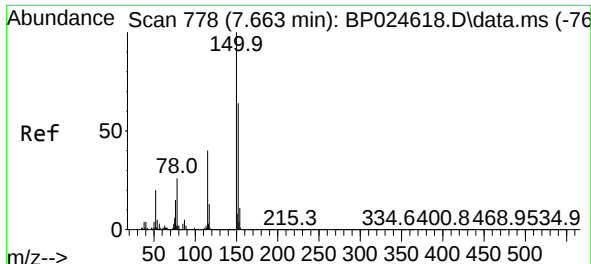
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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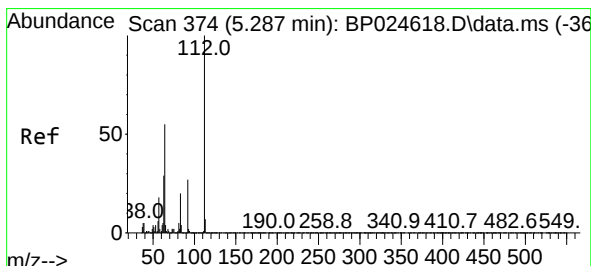
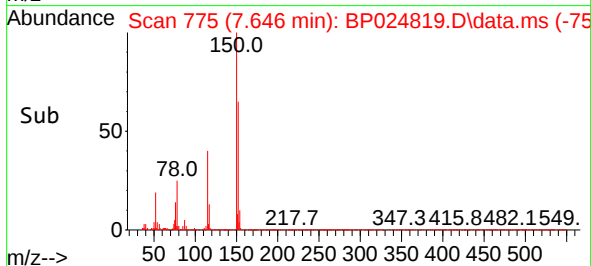
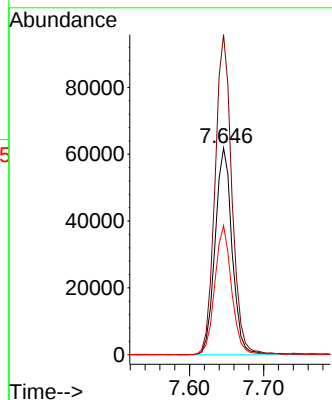
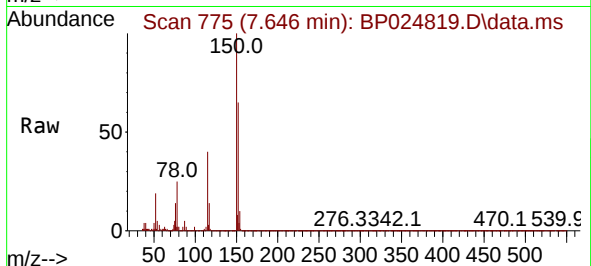




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

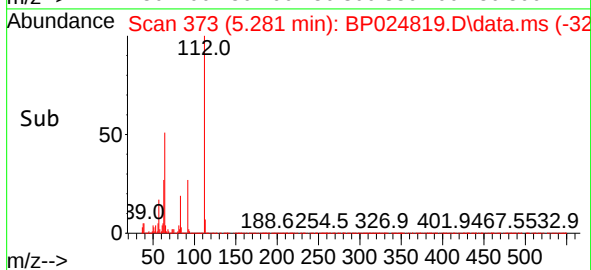
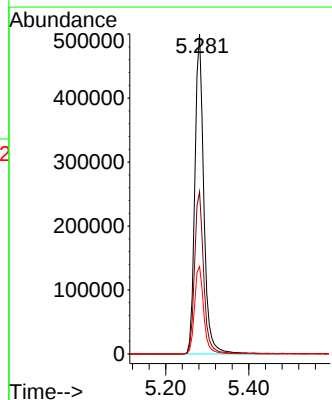
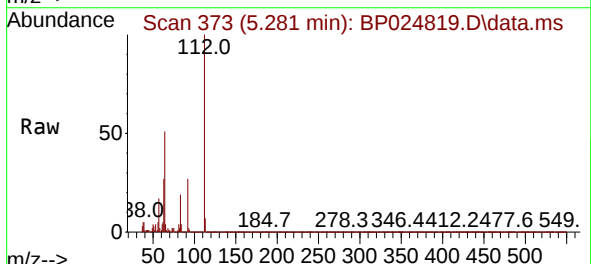
Instrument :
BNA_P
ClientSampleId :
TP03-MHM

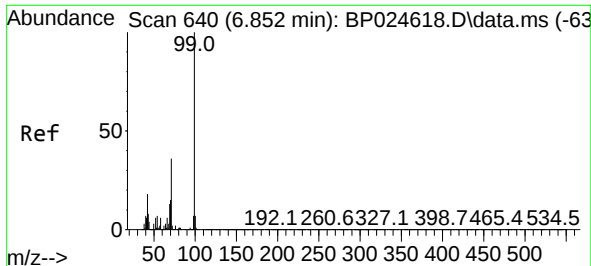
Tgt Ion:152 Resp: 98292
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 130.742 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Tgt Ion:112 Resp: 751352
Ion Ratio Lower Upper
112 100
64 50.7 44.1 66.1
63 27.4 23.5 35.3

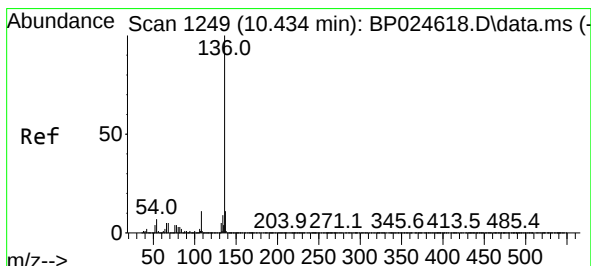
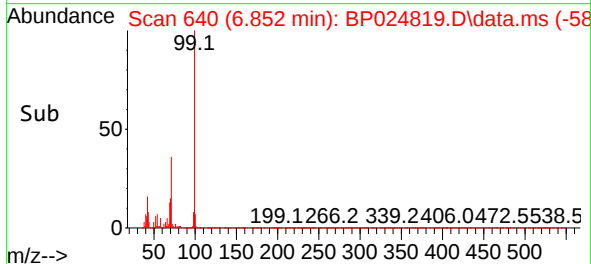
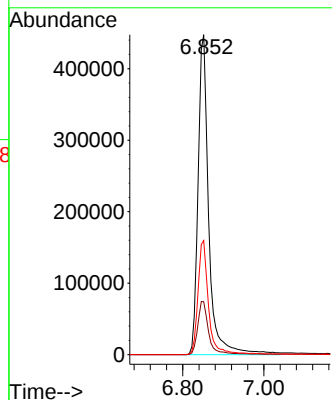
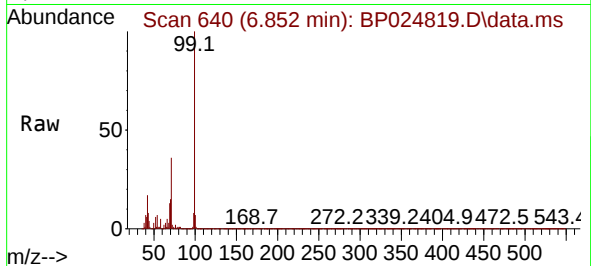




#7
Phenol-d6
Concen: 112.107 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

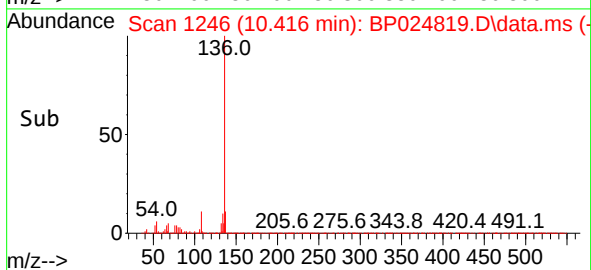
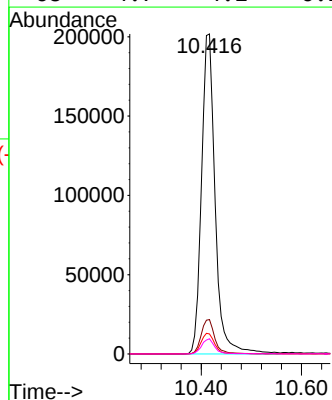
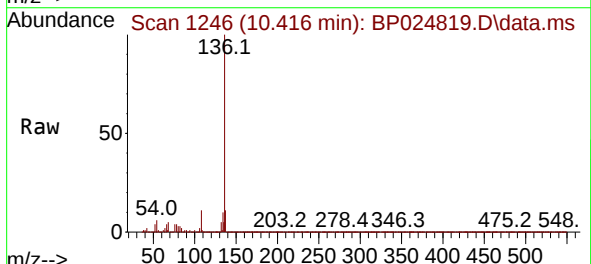
Instrument :
BNA_P
ClientSampleId :
TP03-MHM

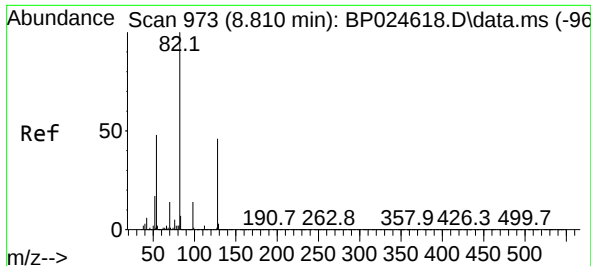
Tgt Ion: 99 Resp: 822248
Ion Ratio Lower Upper
99 100
42 16.5 14.4 21.6
71 35.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Tgt Ion: 136 Resp: 381122
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.5 8.3
68 4.7 4.2 6.2

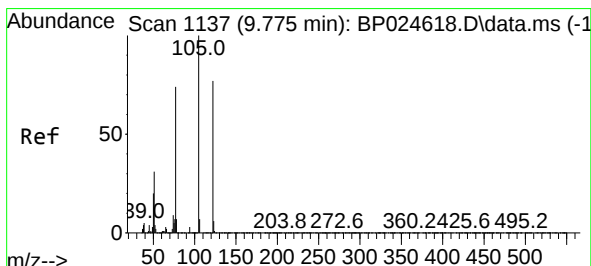
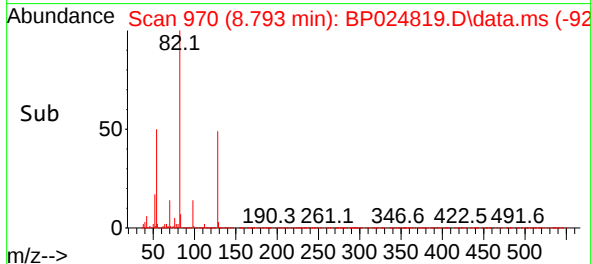
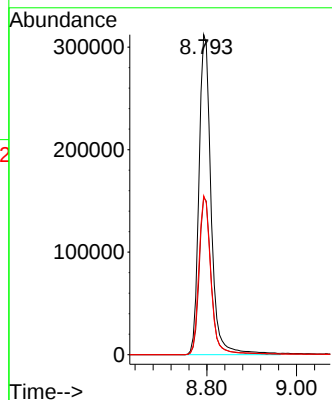
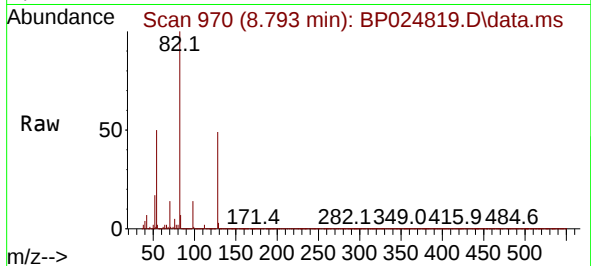




#23
Nitrobenzene-d5
Concen: 77.730 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

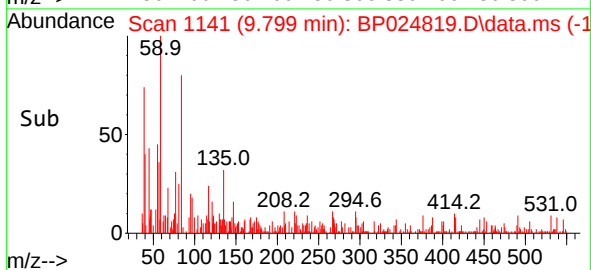
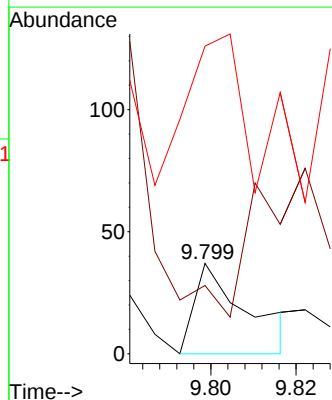
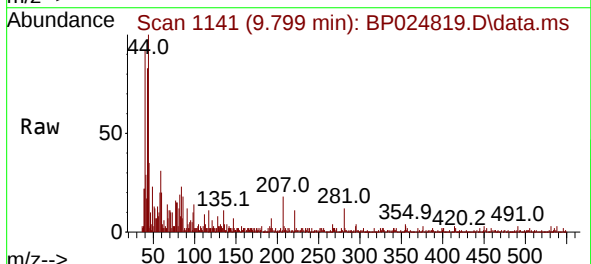
Instrument :
BNA_P
ClientSampleId :
TP03-MHM

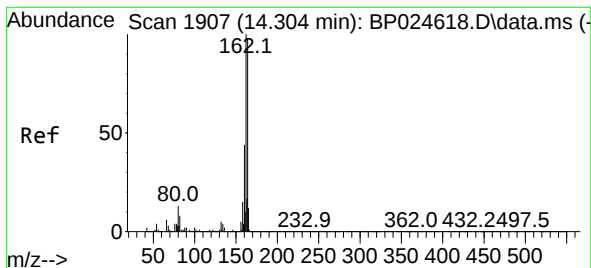
Tgt Ion: 82 Resp: 586321
Ion Ratio Lower Upper
82 100
128 49.2 37.0 55.4
54 49.6 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 75.7 106.9 146.9#
77 340.5 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1907

Delta R.T. 0.006 min

Lab File: BP024819.D

Acq: 28 May 2025 17:31

Instrument :

BNA_P

ClientSampleId :

TP03-MHM

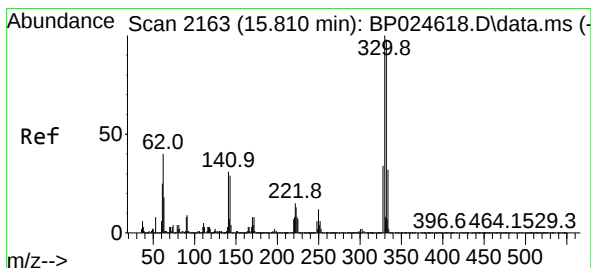
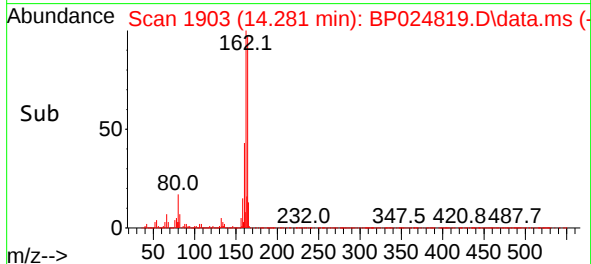
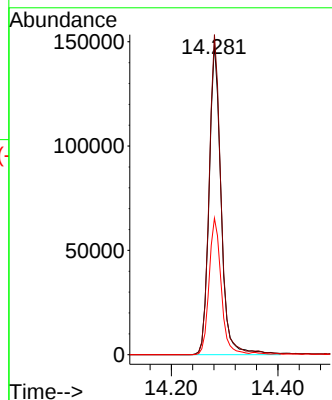
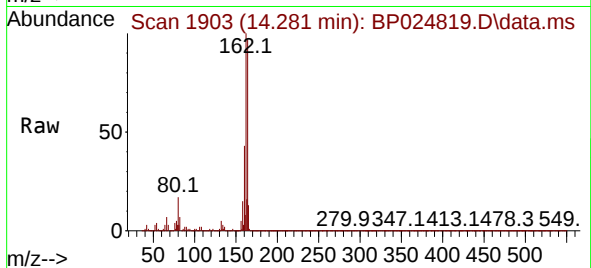
Tgt Ion:164 Resp: 231227

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 43.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 165.812 ng

RT: 15.804 min Scan# 2162

Delta R.T. 0.018 min

Lab File: BP024819.D

Acq: 28 May 2025 17:31

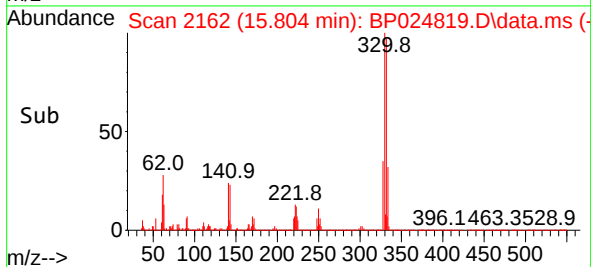
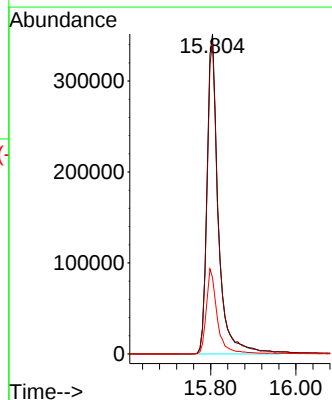
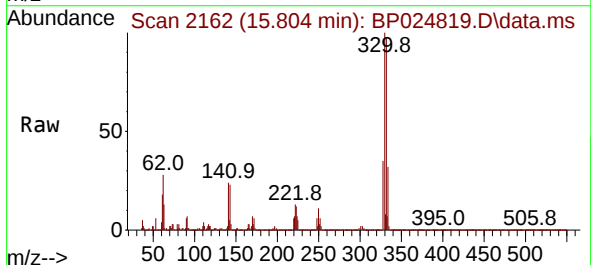
Tgt Ion:330 Resp: 649979

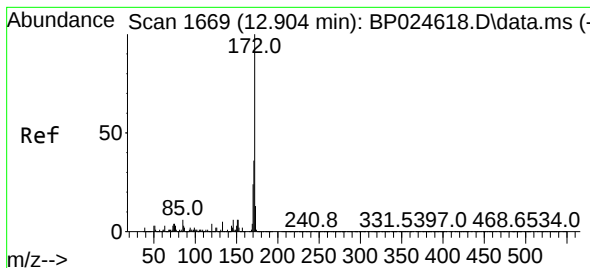
Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 25.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 81.177 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024819.D

Acq: 28 May 2025 17:31

Instrument :

BNA_P

ClientSampleId :

TP03-MHM

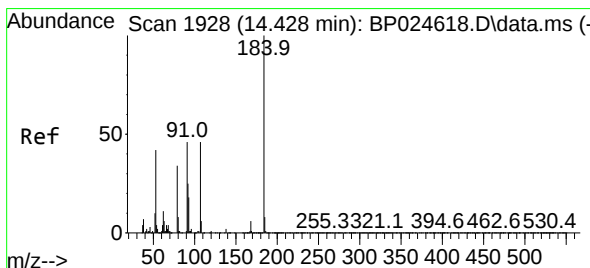
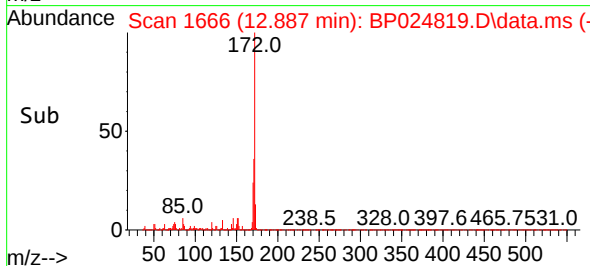
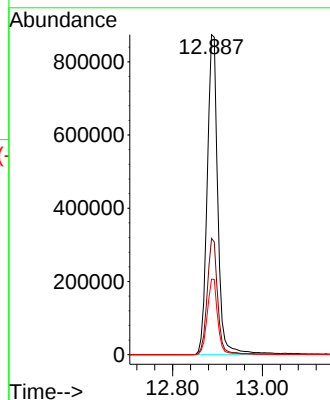
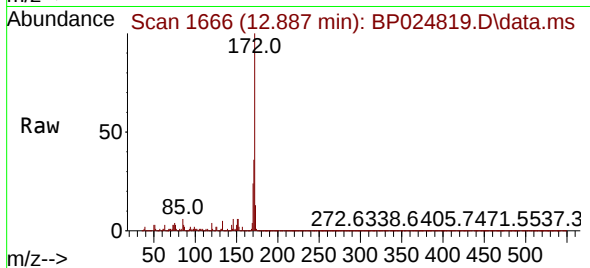
Tgt Ion:172 Resp: 1432708

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.409 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BP024819.D

Acq: 28 May 2025 17:31

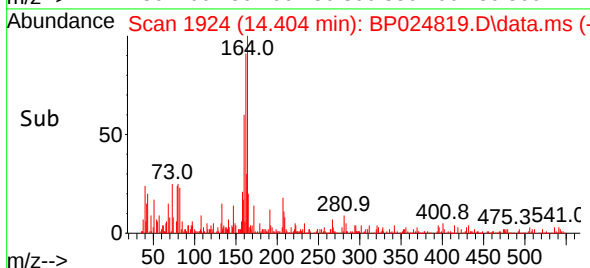
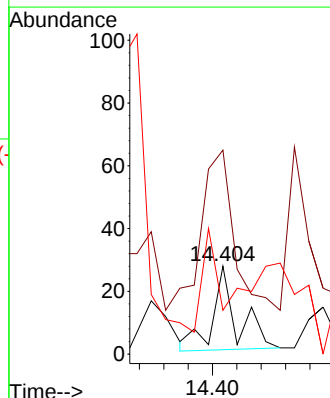
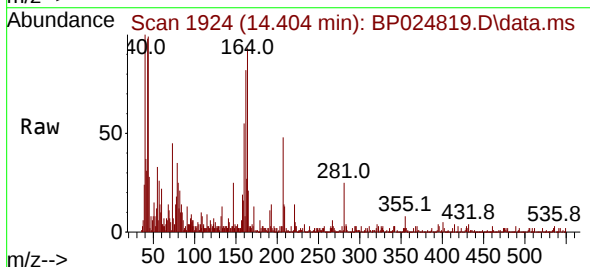
Tgt Ion:184 Resp: 19

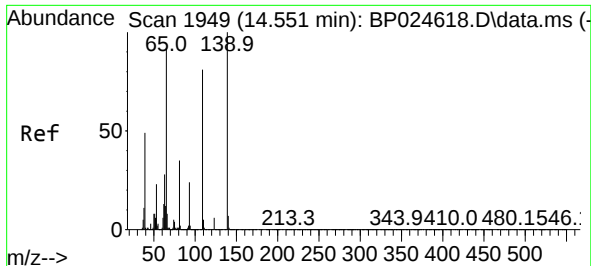
Ion Ratio Lower Upper

184 100

63 232.1 51.3 76.9#

154 50.0 53.5 80.3#

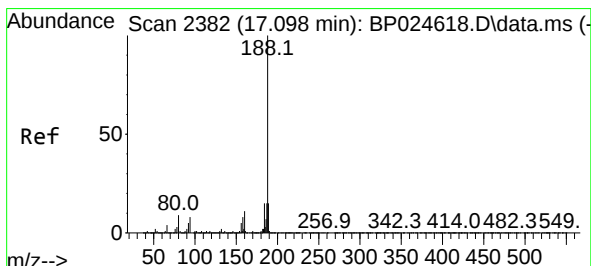
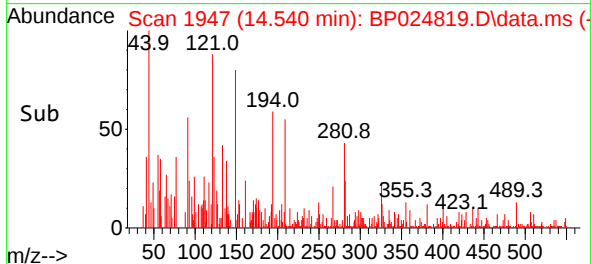
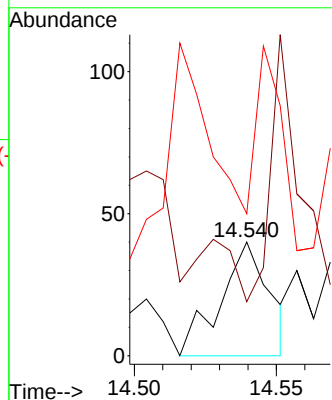
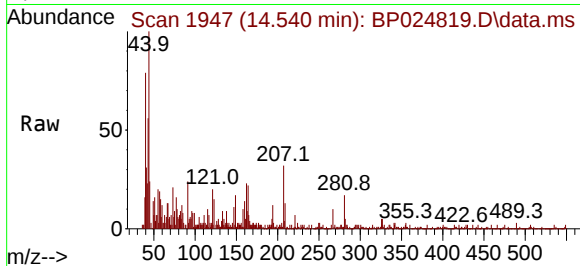




#56
4-Nitrophenol
Concen: 4.248 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.017 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

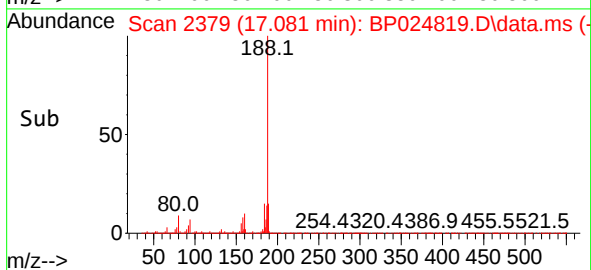
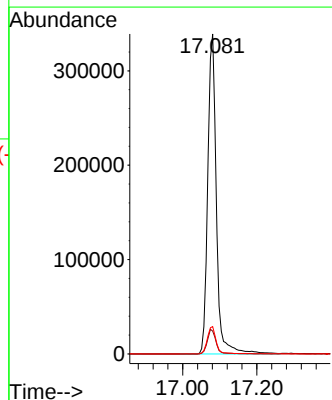
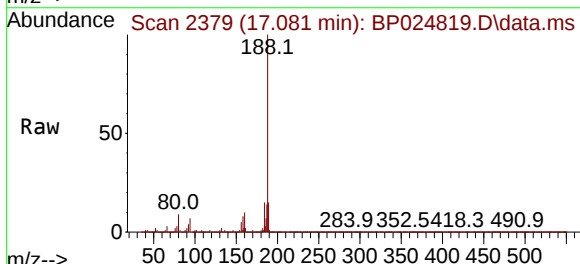
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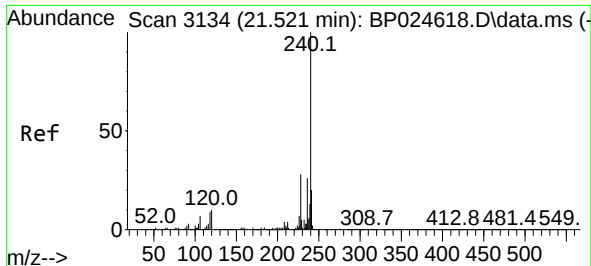
Tgt Ion:139 Resp: 48
Ion Ratio Lower Upper
139 100
109 47.5 61.4 101.4#
65 125.0 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. 0.018 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Tgt Ion:188 Resp: 547819
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.5 7.3 10.9

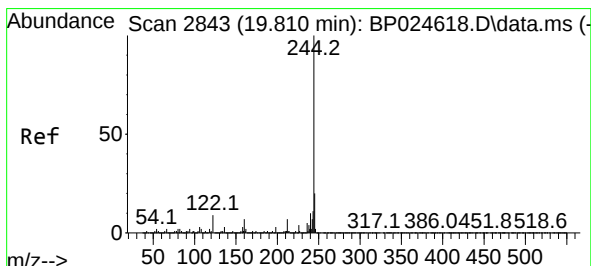
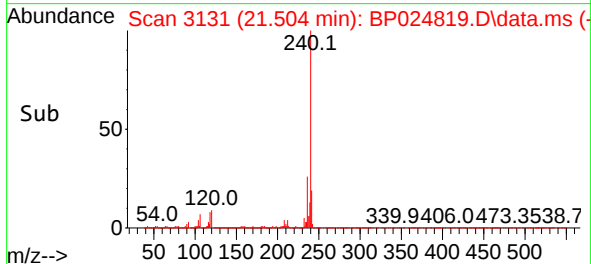
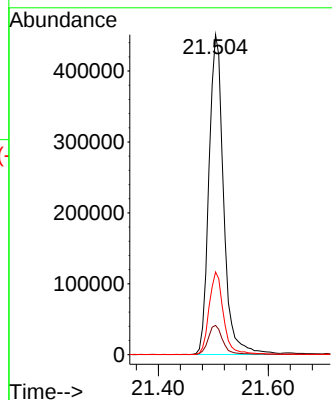
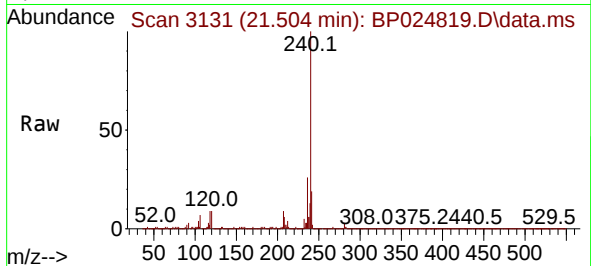




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3134
Delta R.T. 0.012 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

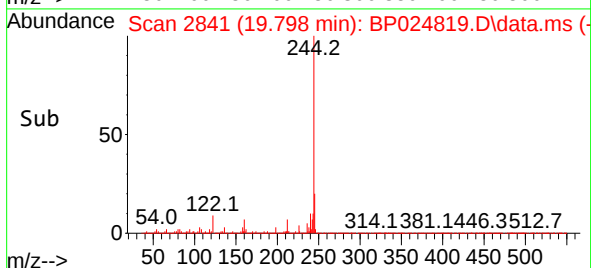
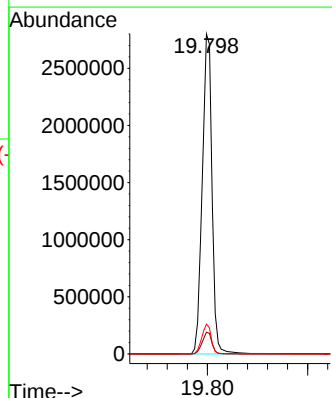
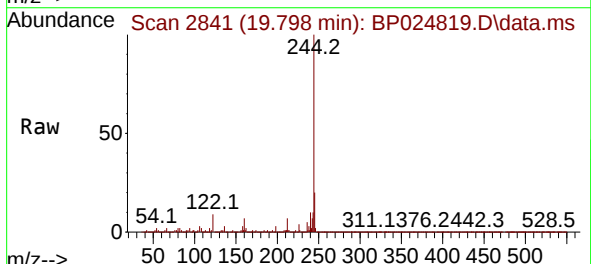
Instrument :
BNA_P
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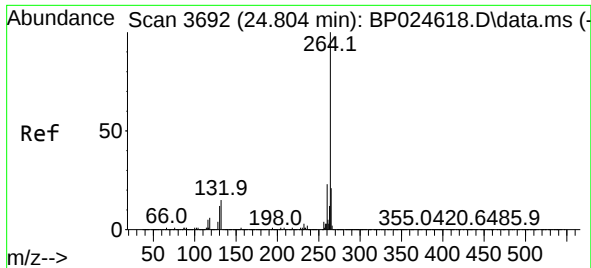
Tgt Ion:240 Resp: 833718
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 77.693 ng
RT: 19.798 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Tgt Ion:244 Resp: 3777572
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 9.4 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.768 min Scan# 30
Delta R.T. 0.024 min
Lab File: BP024819.D
Acq: 28 May 2025 17:31

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:264 Resp: 978425
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.5 17.0 25.6

