

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024751.D
 Acq On : 22 May 2025 00:20
 Operator : RC/JU
 Sample : Q2087-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-05202025

Quant Time: May 22 03:06:08 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)

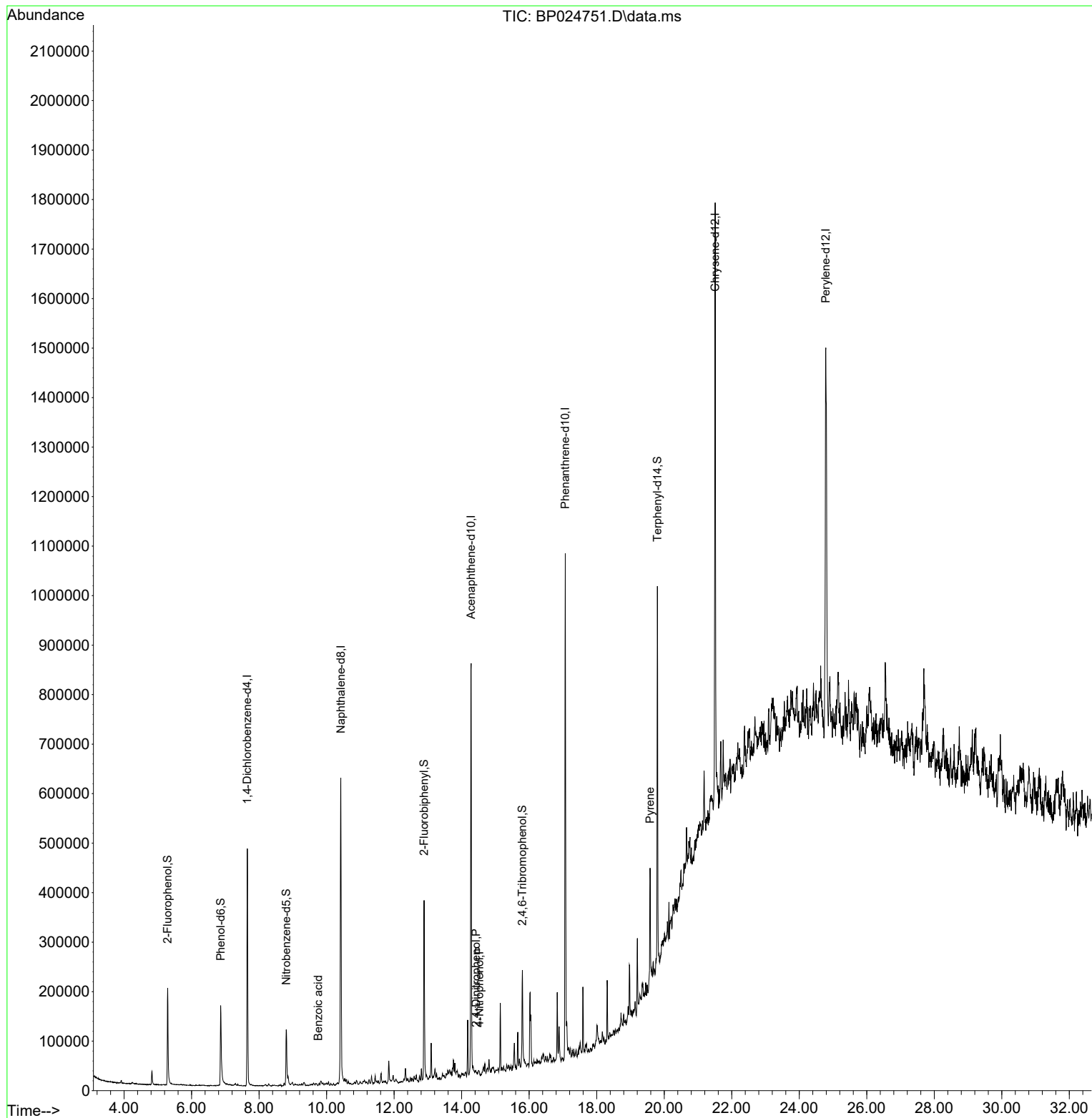
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	131379	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	549387	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	314460	20.000	ng	-0.02
64) Phenanthrene-d10	17.069	188	634184	20.000	ng	-0.03
76) Chrysene-d12	21.510	240	719873	20.000	ng	-0.01
86) Perylene-d12	24.786	264	874403	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	101117	13.164	ng	0.00
7) Phenol-d6	6.863	99	128675	13.125	ng	0.01
23) Nitrobenzene-d5	8.805	82	81204	7.468	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	57291	10.747	ng	-0.01
45) 2-Fluorobiphenyl	12.887	172	213760	8.906	ng	-0.02
79) Terphenyl-d14	19.798	244	375475	8.944	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.752	122	31	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.428	184	24	6.408	ng	# 1
56) 4-Nitrophenol	14.522	139	95	4.254	ng	# 29
78) Pyrene	19.580	202	89272	2.070	ng	96

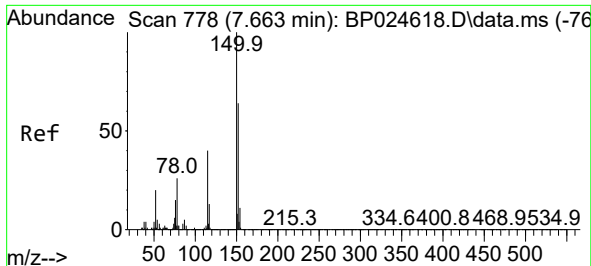
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP024751.D
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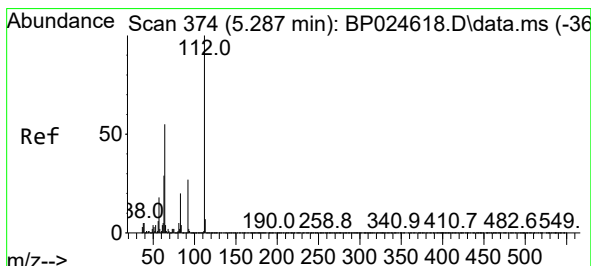
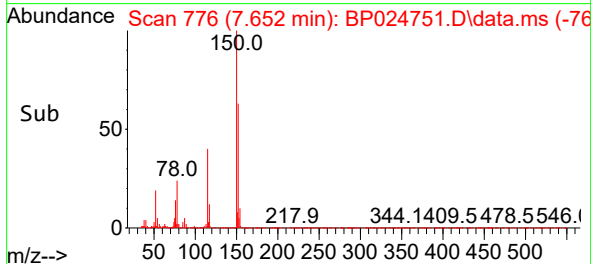
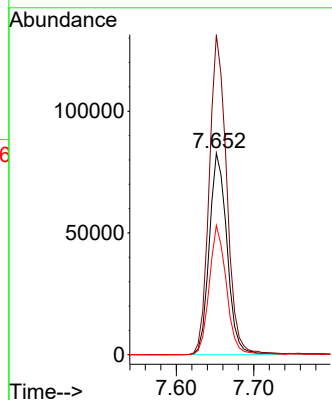
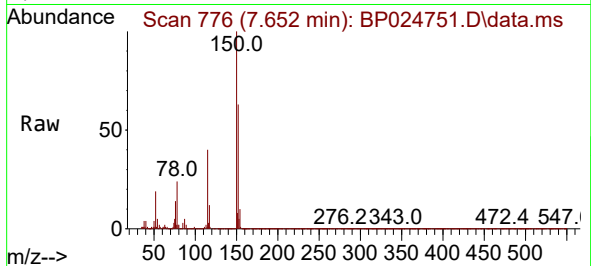




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

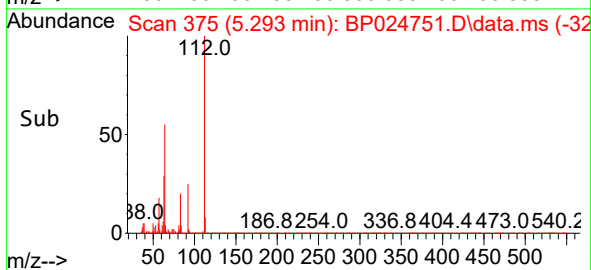
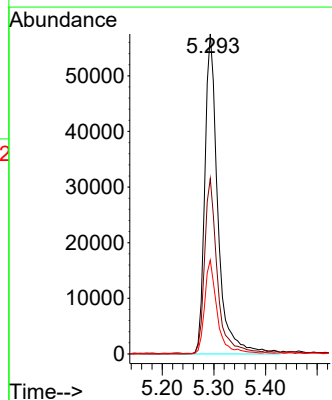
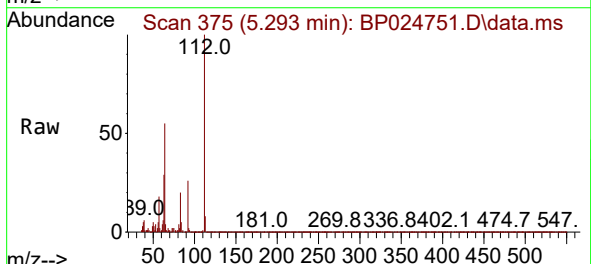
Instrument :
BNA_P
ClientSampleId :
NB-07-05202025

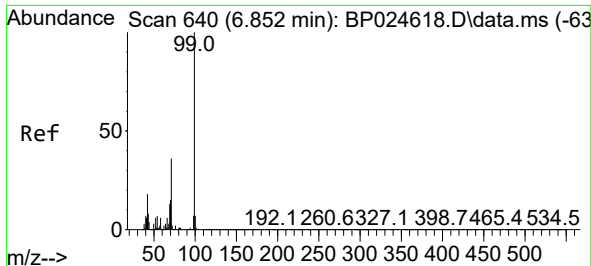
Tgt Ion:152 Resp: 131379
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 64.1 50.1 75.1



#5
2-Fluorophenol
Concen: 13.164 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion:112 Resp: 101117
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.3 23.5 35.3

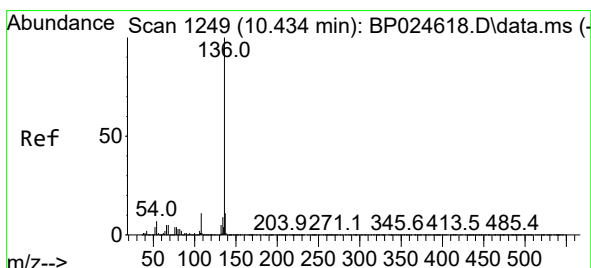
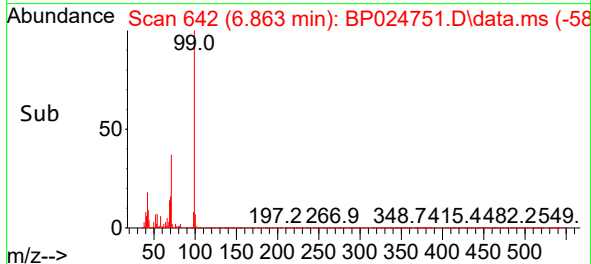
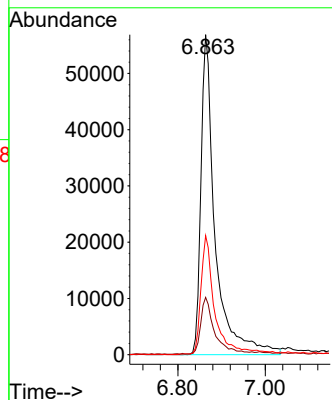
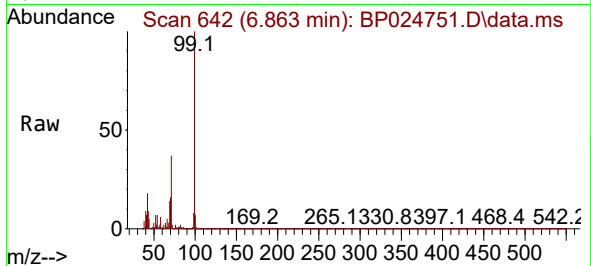




#7
Phenol-d6
Concen: 13.125 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

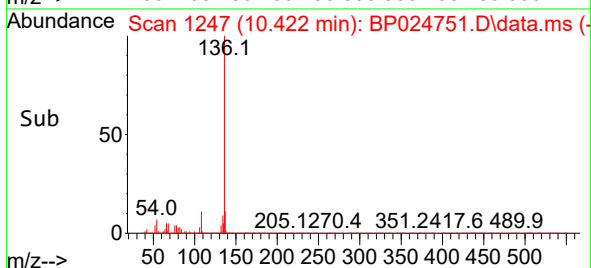
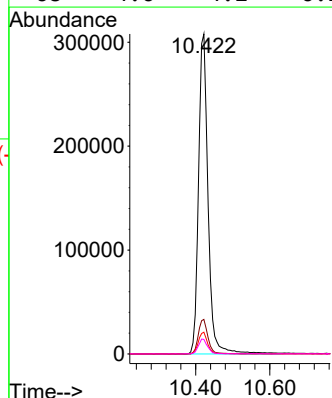
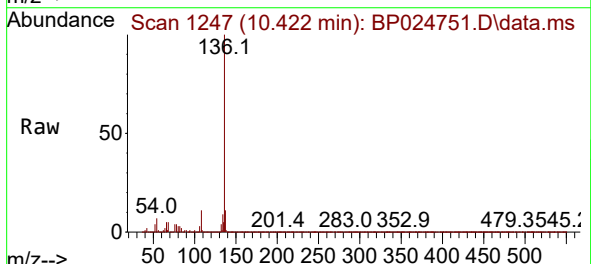
Instrument :
BNA_P
ClientSampleId :
NB-07-05202025

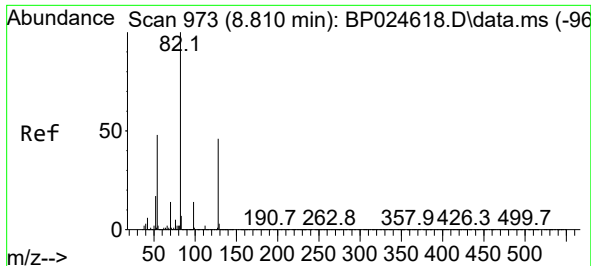
Tgt Ion: 99 Resp: 128675
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 37.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion: 136 Resp: 549387
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.5 8.3
68 4.6 4.2 6.2

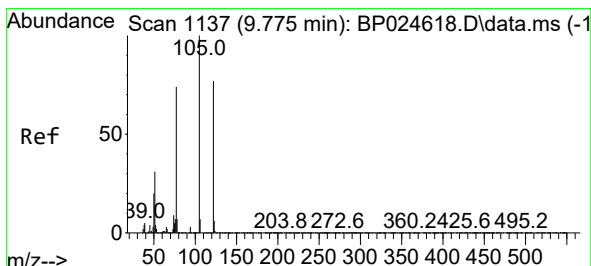
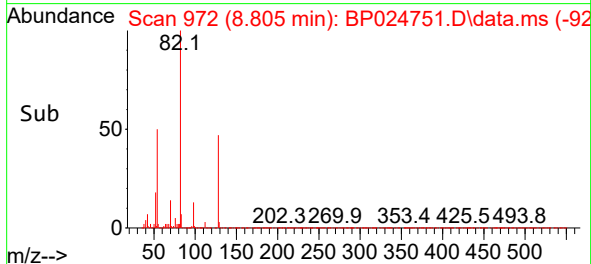
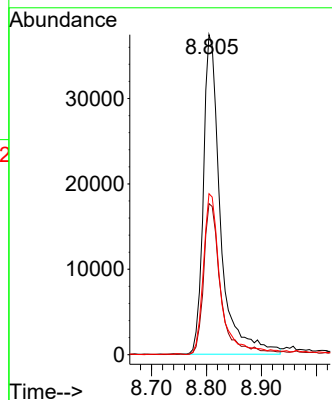
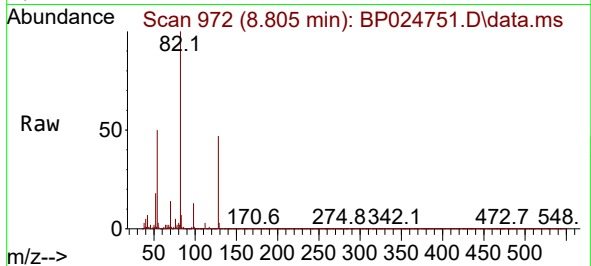




#23
Nitrobenzene-d5
Concen: 7.468 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

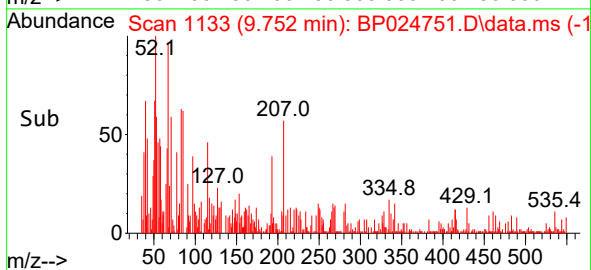
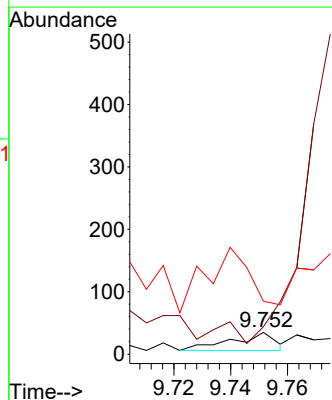
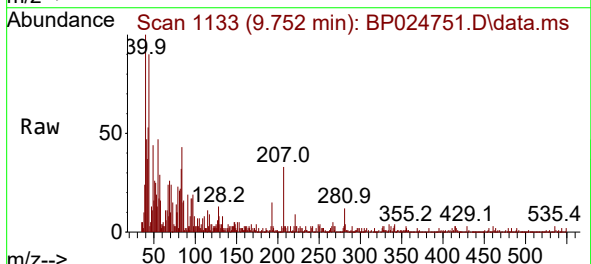
Instrument :
BNA_P
ClientSampleId :
NB-07-05202025

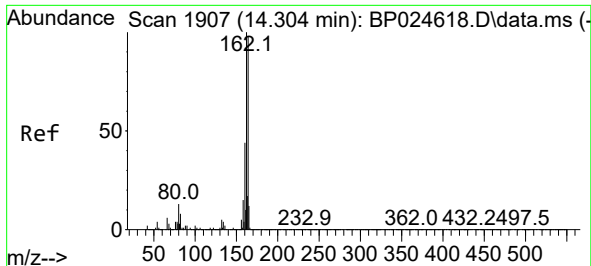
Tgt Ion: 82 Resp: 81204
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 50.3 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion: 122 Resp: 31
Ion Ratio Lower Upper
122 100
105 125.7 106.9 146.9
77 417.1 75.1 115.1#

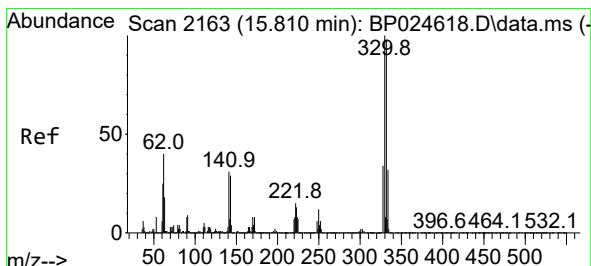
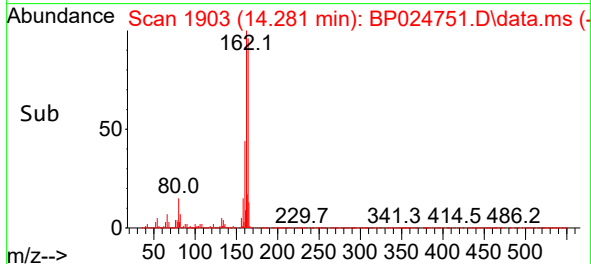
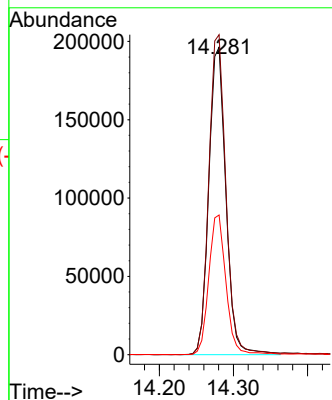
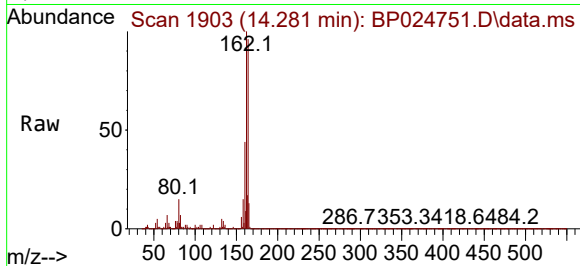




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

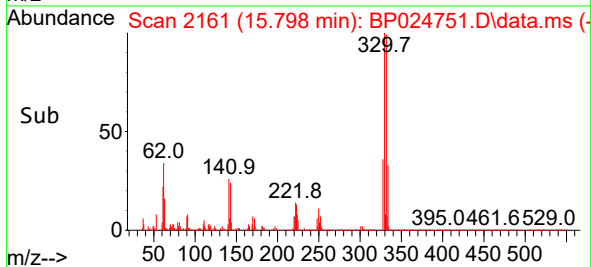
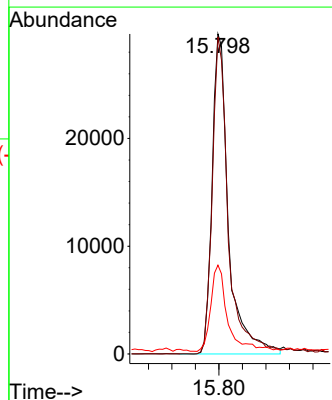
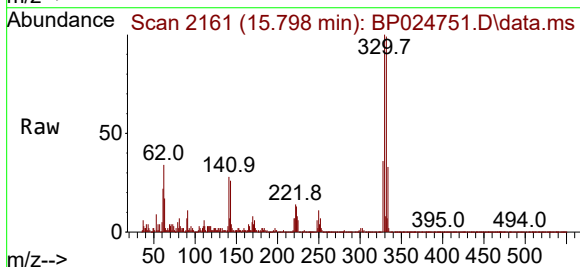
Instrument :
BNA_P
ClientSampleId :
NB-07-05202025

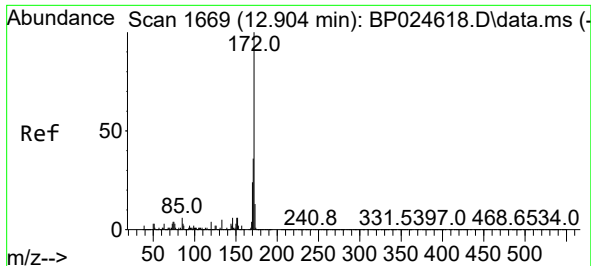
Tgt Ion:164 Resp: 314460
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 45.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 10.747 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion:330 Resp: 57291
Ion Ratio Lower Upper
330 100
332 98.9 78.2 117.4
141 27.8 24.3 36.5

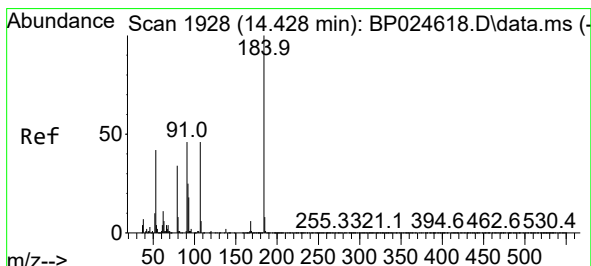
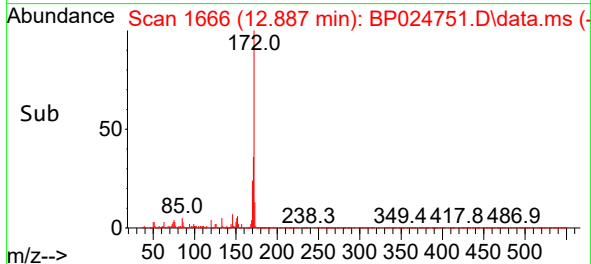
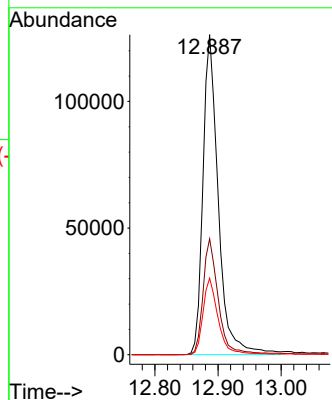
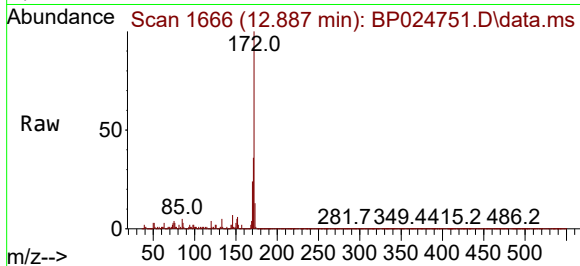




#45
2-Fluorobiphenyl
Concen: 8.906 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

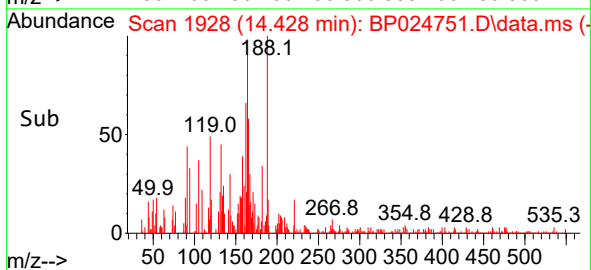
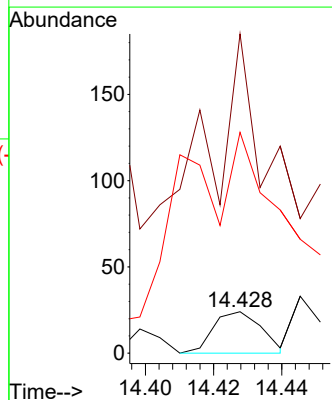
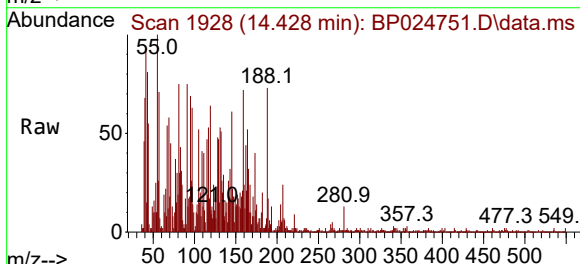
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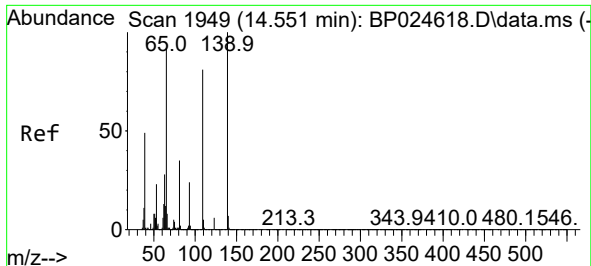
Tgt Ion:172 Resp: 213760
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.9 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 770.8 51.3 76.9#
154 533.3 53.5 80.3#

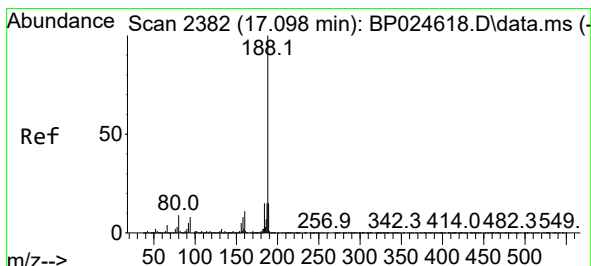
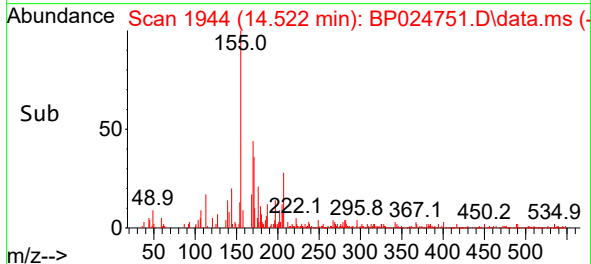
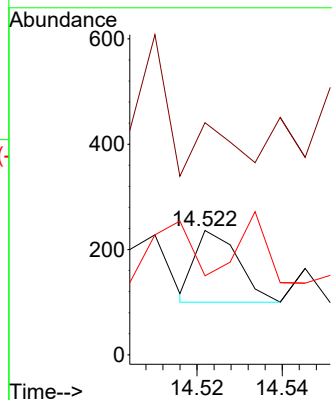
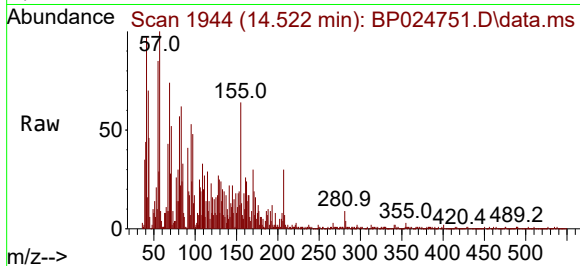




#56
4-Nitrophenol
Concen: 4.254 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

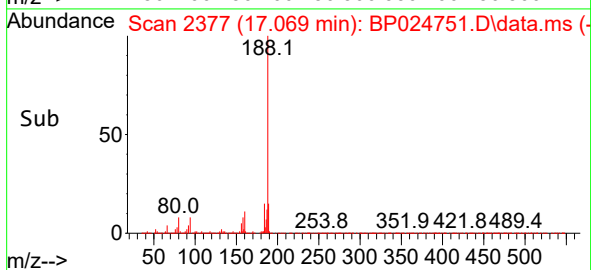
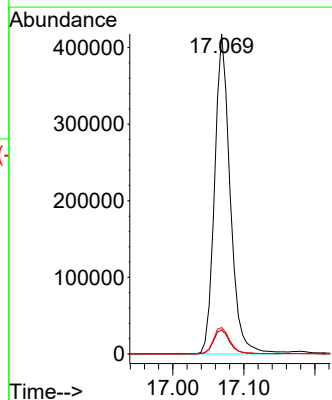
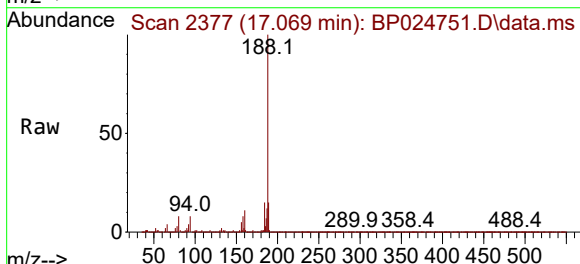
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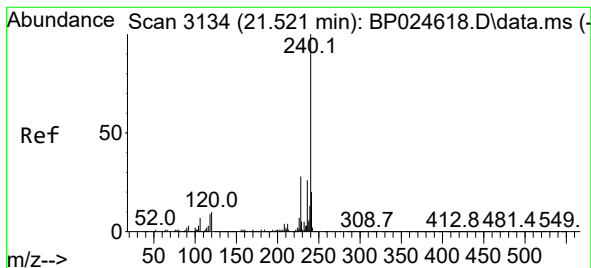
Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 186.9 61.4 101.4#
65 63.6 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.029 min
Lab File: BP024751.D
Acq: 22 May 2025 00:20

Tgt Ion:188 Resp: 634184
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024751.D

Acq: 22 May 2025 00:20

Instrument :

BNA_P

ClientSampleId :

NB-07-05202025

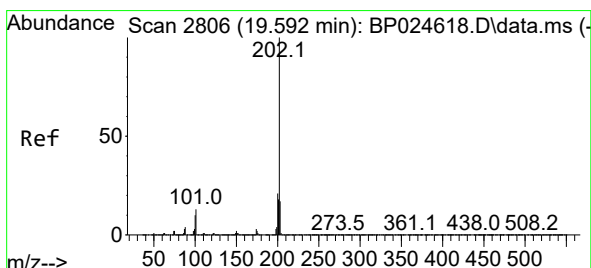
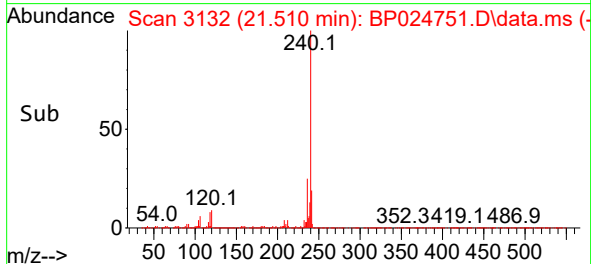
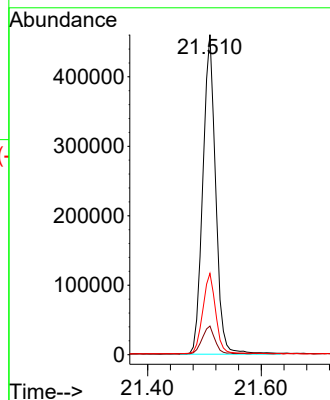
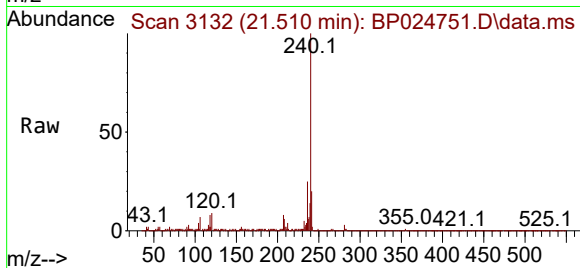
Tgt Ion:240 Resp: 719873

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.4 20.6 31.0



#78

Pyrene

Concen: 2.070 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.012 min

Lab File: BP024751.D

Acq: 22 May 2025 00:20

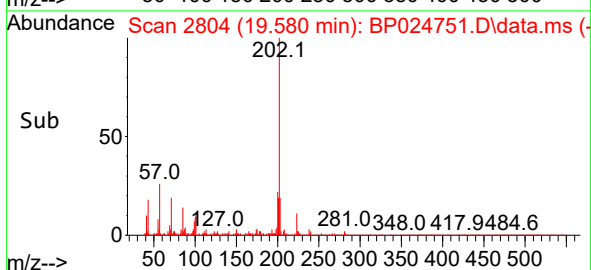
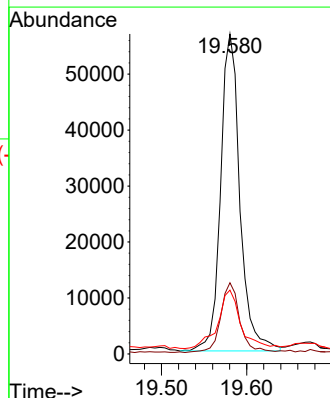
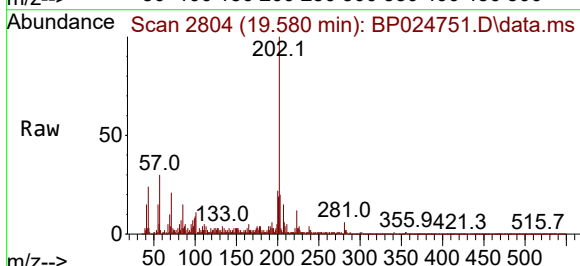
Tgt Ion:202 Resp: 89272

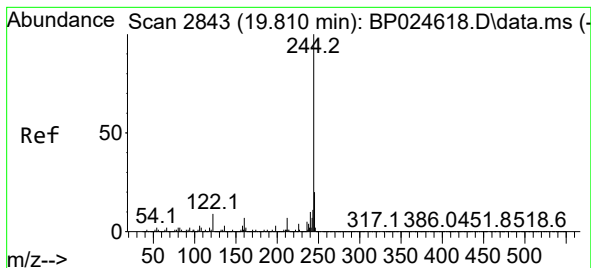
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 19.9 13.9 20.9





#79

Terphenyl-d14

Concen: 8.944 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024751.D

Acq: 22 May 2025 00:20

Instrument :

BNA_P

ClientSampleId :

NB-07-05202025

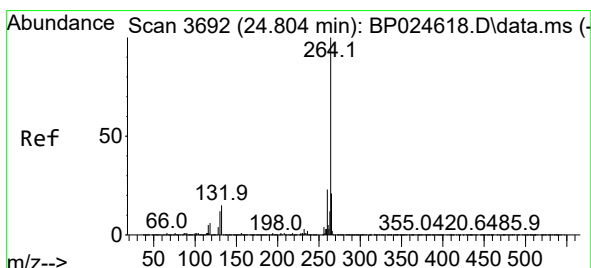
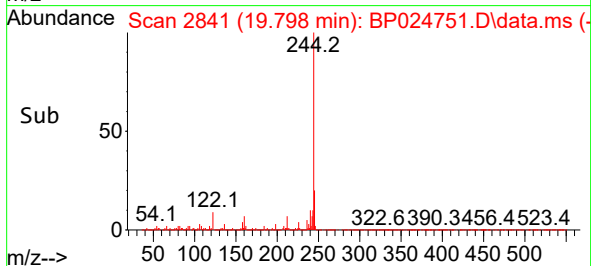
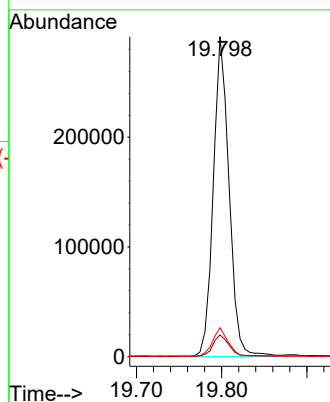
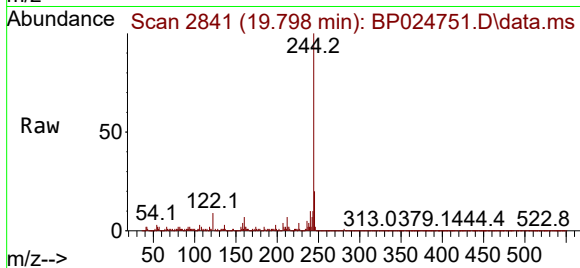
Tgt Ion:244 Resp: 375475

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.786 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP024751.D

Acq: 22 May 2025 00:20

Tgt Ion:264 Resp: 874403

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.3 17.0 25.6

