

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025864.D
 Acq On : 25 Sep 2025 19:32
 Operator : CG/JU
 Sample : Q3168-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TOTES COMP#1

Quant Time: Sep 25 22:05:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

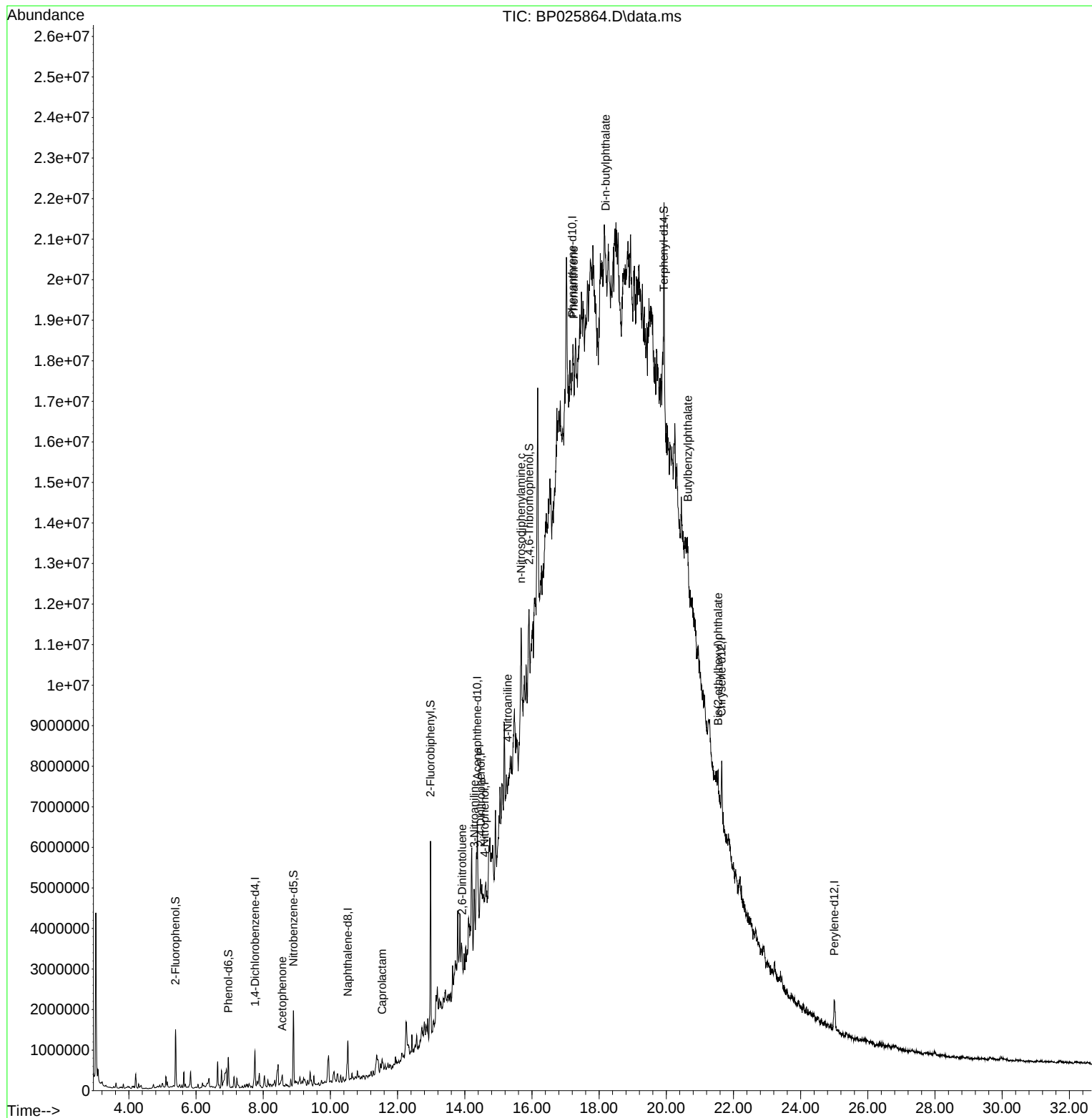
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	199901	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	765908	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	462600	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	745316	20.000	ng	# 0.02
76) Chrysene-d12	21.648	240	962105	20.000	ng	0.00
86) Perylene-d12	25.001	264	907953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	666677	53.812	ng	0.00
7) Phenol-d6	6.961	99	502630	30.523	ng	0.01
23) Nitrobenzene-d5	8.896	82	1147457	66.086	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	731291	126.740	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	2686285	77.320	ng	-0.01
79) Terphenyl-d14	19.931	244	3680763	68.825	ng	0.02
Target Compounds						
						Qvalue
22) Acetophenone	8.566	105	89123	4.354	ng	# 98
35) Caprolactam	11.537	113	21457	4.601	ng	# 1
51) 2,6-Dinitrotoluene	13.925	165	35822	4.787	ng	# 32
53) 3-Nitroaniline	14.284	138	33310	4.233	ng	# 23
54) 2,4-Dinitrophenol	14.478	184	1066	5.030	ng	# 1
56) 4-Nitrophenol	14.590	139	3207	4.929	ng	# 1
62) 4-Nitroaniline	15.278	138	71637	8.887	ng	86
66) n-Nitrosodiphenylamine	15.678	169	80076	3.511	ng	# 84
71) Phenanthrene	17.242	178	94531	2.236	ng	# 1
74) Di-n-butylphthalate	18.195	149	150800	3.081	ng	# 35
80) Butylbenzylphthalate	20.642	149	67406	2.395	ng	# 57
84) Bis(2-ethylhexyl)phtha...	21.542	149	191395	4.648	ng	# 89

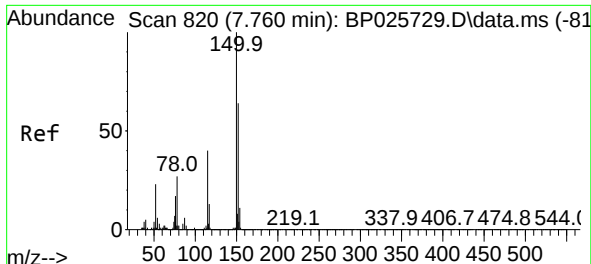
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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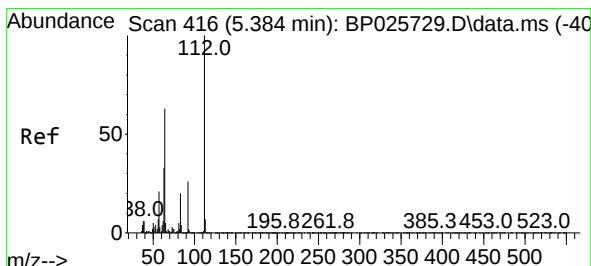
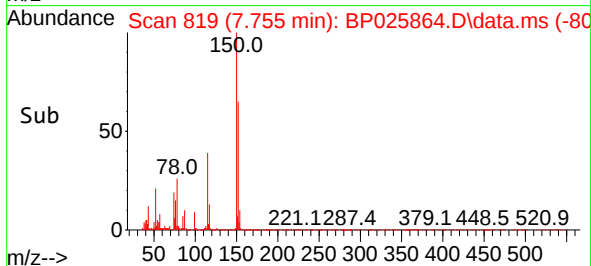
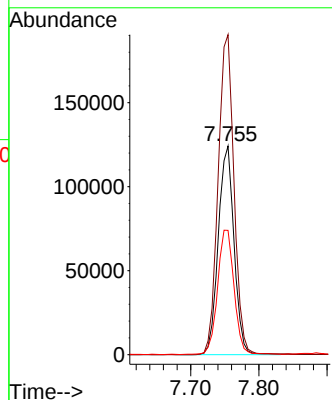
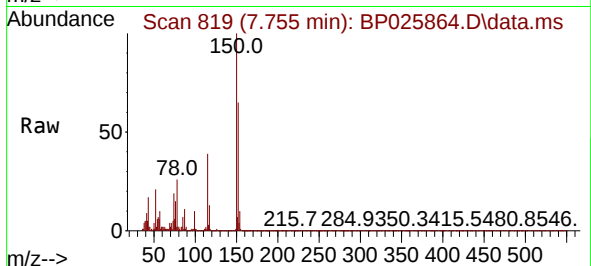




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

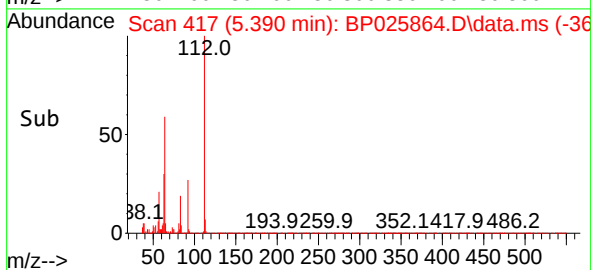
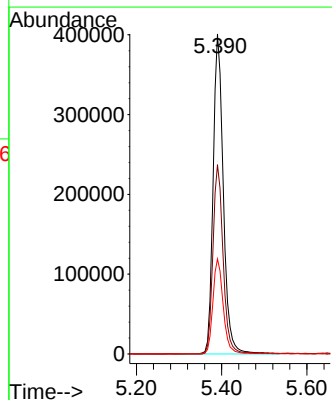
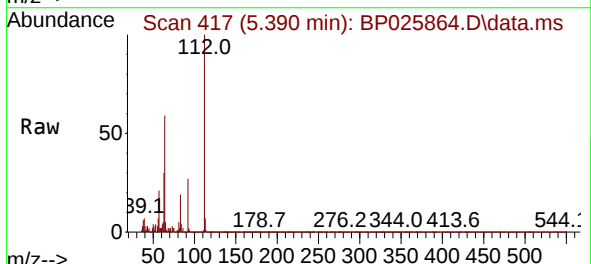
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

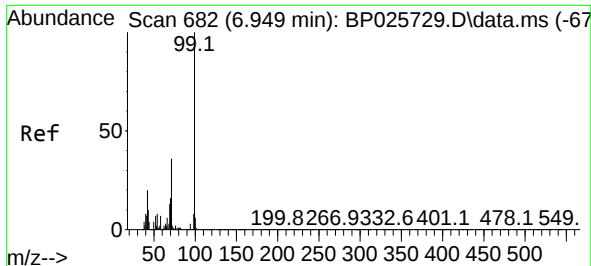
Tgt Ion:152 Resp: 199901
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 59.6 50.3 75.5



#5
2-Fluorophenol
Concen: 53.812 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:112 Resp: 666677
Ion Ratio Lower Upper
112 100
64 59.1 50.2 75.4
63 29.7 26.7 40.1

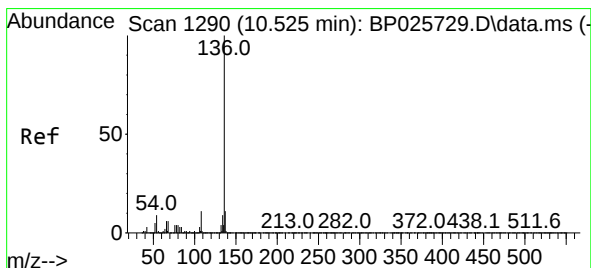
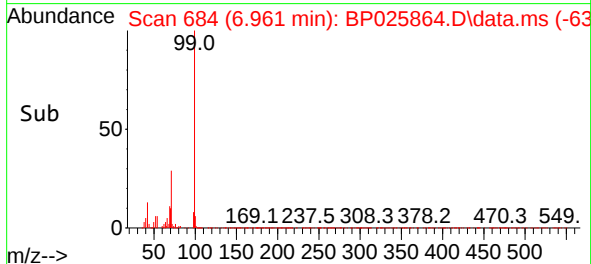
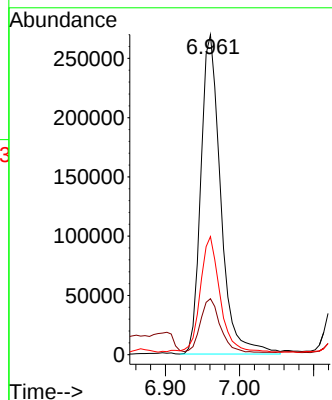
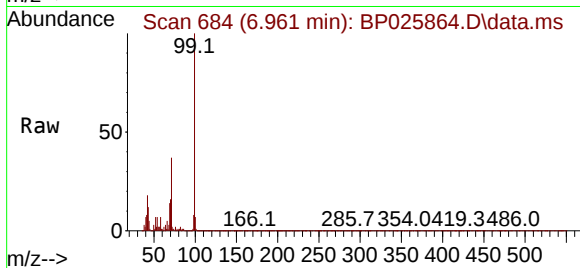




#7
Phenol-d6
Concen: 30.523 ng
RT: 6.961 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

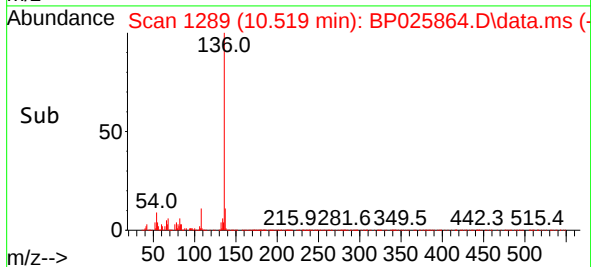
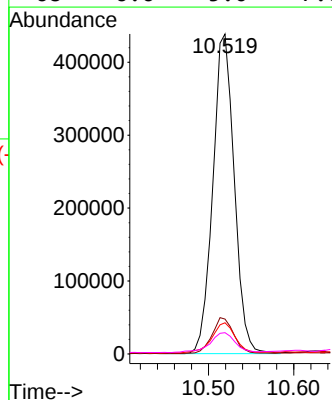
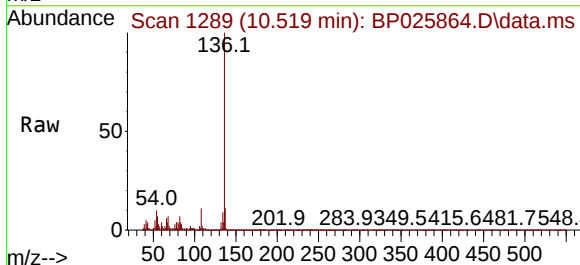
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

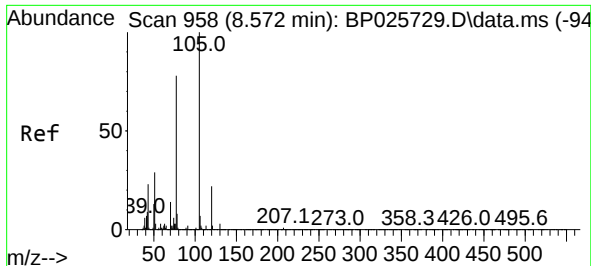
Tgt Ion: 99 Resp: 502630
Ion Ratio Lower Upper
99 100
42 17.5 15.6 23.4
71 36.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:136 Resp: 765908
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.7 7.5 11.3
68 6.6 5.0 7.6

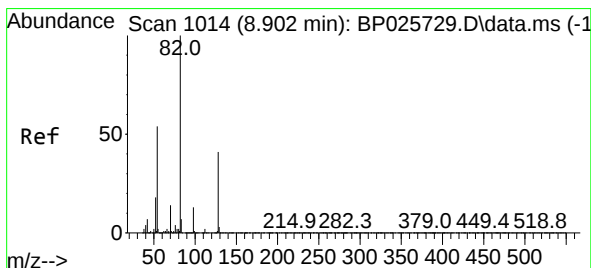
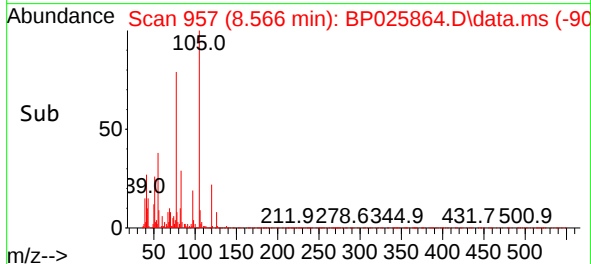
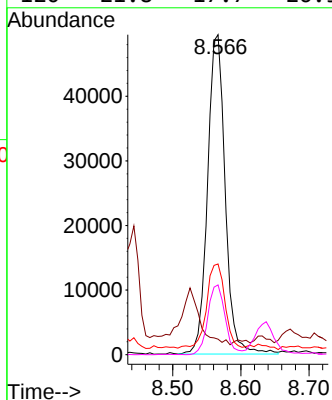
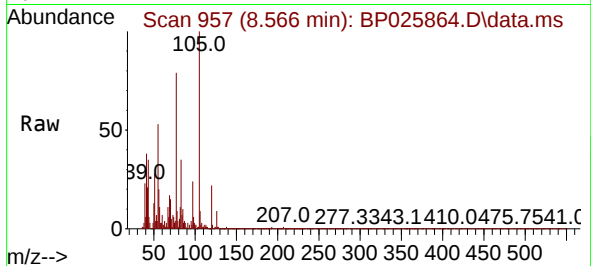




#22
Acetophenone
Concen: 4.354 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

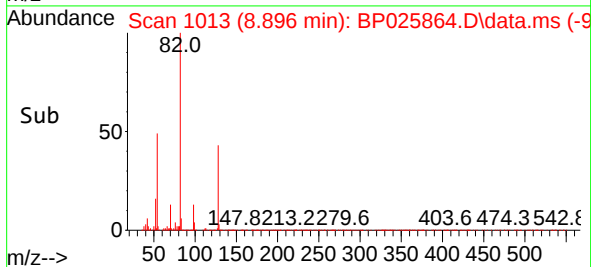
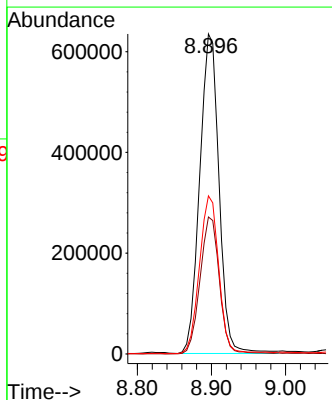
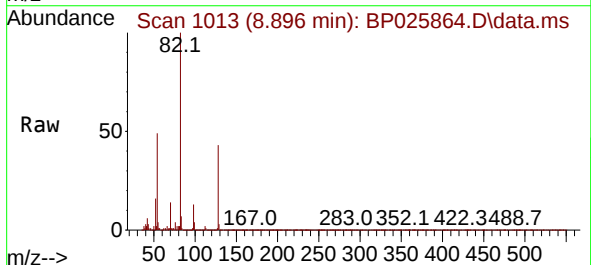
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

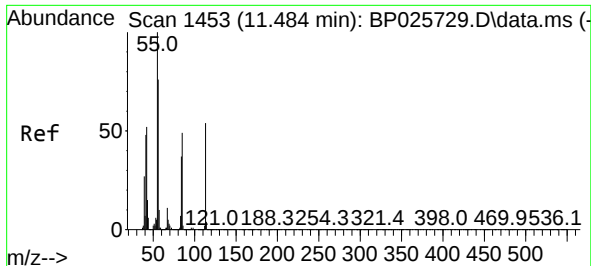
Tgt Ion:	105	Resp:	89123
Ion	Ratio	Lower	Upper
105	100		
71	4.9	1.8	2.8#
51	28.4	23.5	35.3
120	21.8	17.7	26.5



#23
Nitrobenzene-d5
Concen: 66.086 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:	82	Resp:	1147457
Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.9	49.3
54	49.4	43.4	65.2

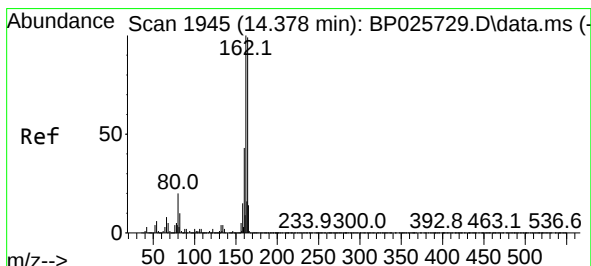
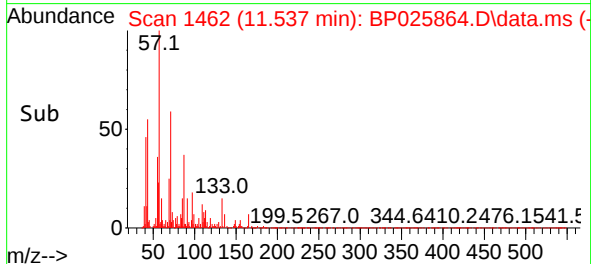
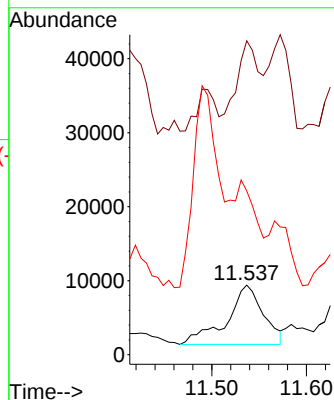
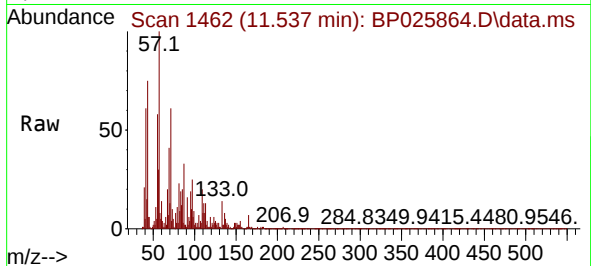




#35
Caprolactam
Concen: 4.601 ng
RT: 11.537 min Scan# 1453
Delta R.T. 0.053 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

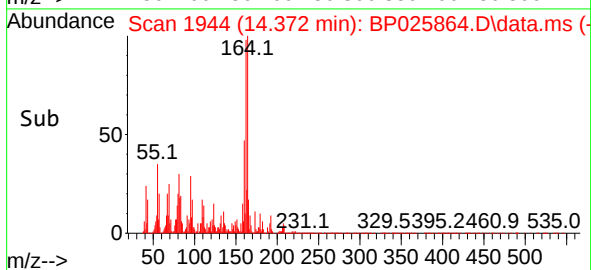
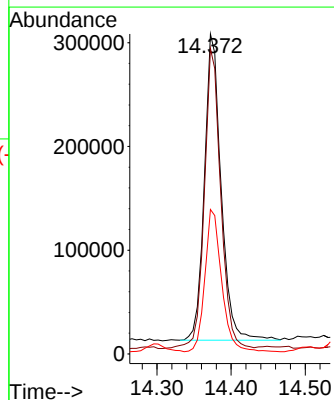
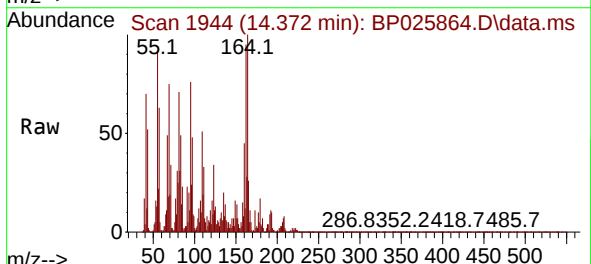
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

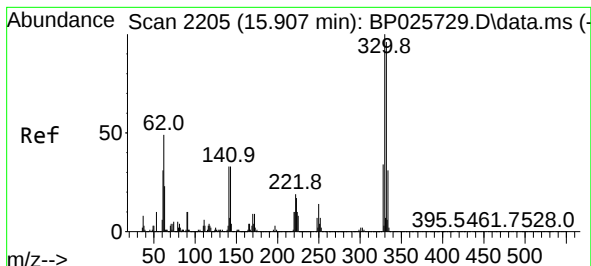
Tgt Ion:113 Resp: 21457
Ion Ratio Lower Upper
113 100
55 451.3 165.5 205.5#
56 235.2 121.1 161.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:164 Resp: 462600
Ion Ratio Lower Upper
164 100
162 95.5 80.6 120.8
160 45.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 126.740 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

Instrument :

BNA_P

ClientSampleId :

TOTES COMP#1

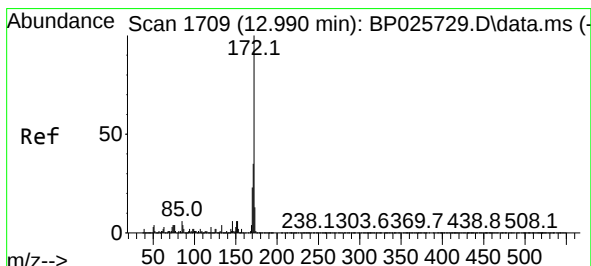
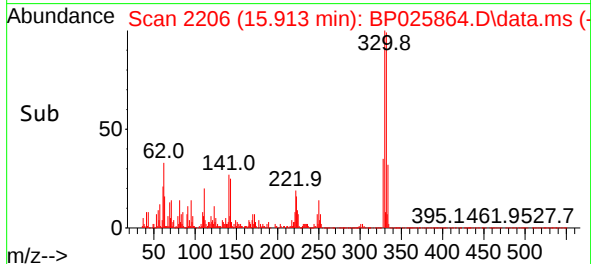
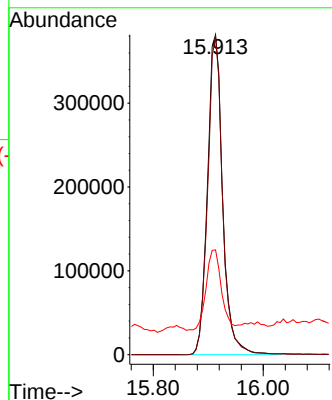
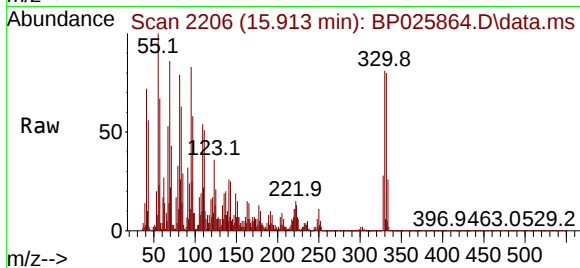
Tgt Ion:330 Resp: 731291

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 25.1 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 77.320 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

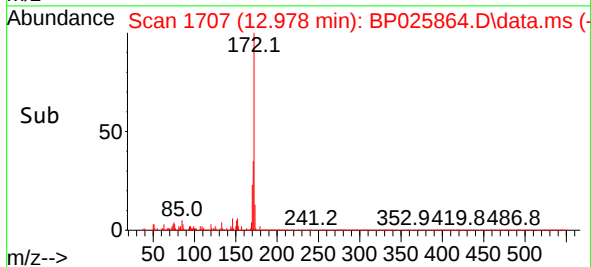
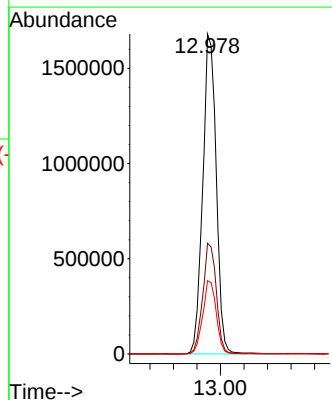
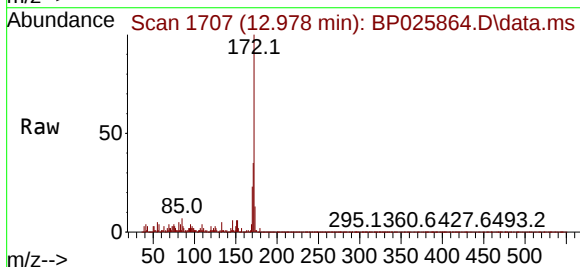
Tgt Ion:172 Resp: 2686285

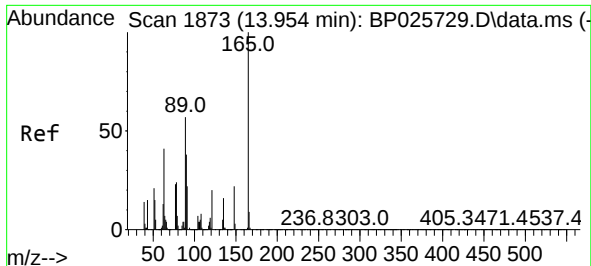
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 22.9 18.6 27.8

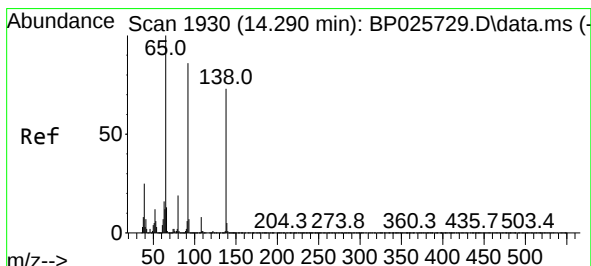
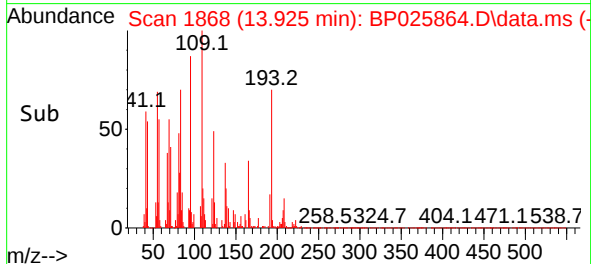
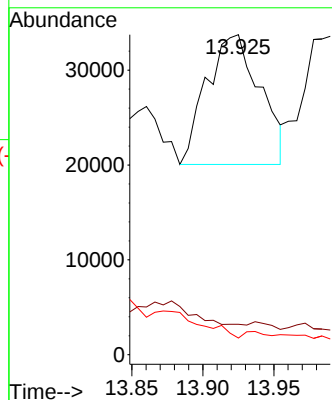
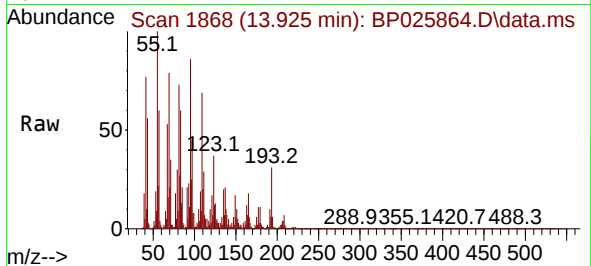




#51
2,6-Dinitrotoluene
Concen: 4.787 ng
RT: 13.925 min Scan# 1868
Delta R.T. -0.029 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

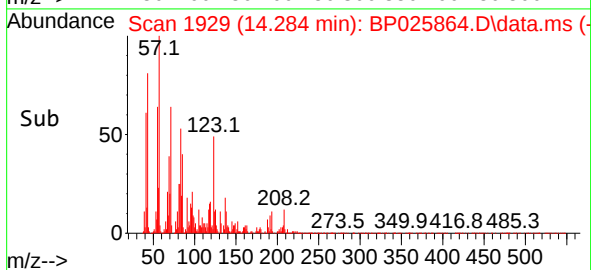
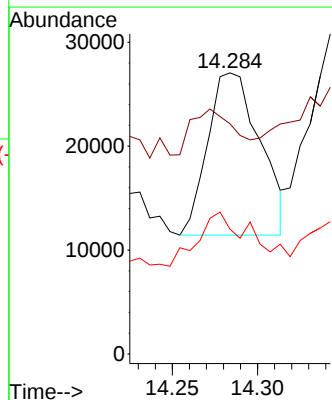
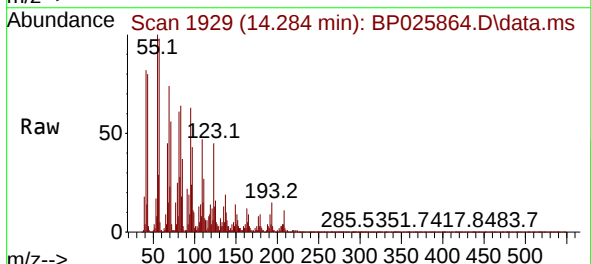
Instrument :
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TOTES COMP#1

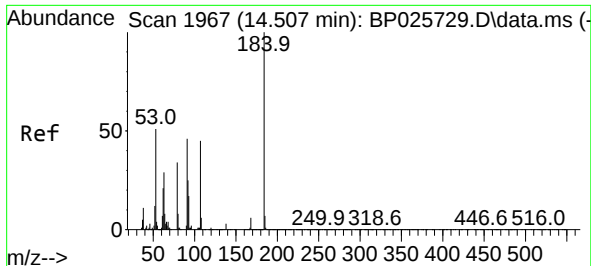
Tgt Ion:165 Resp: 35822
Ion Ratio Lower Upper
165 100
63 9.5 48.1 72.1#
89 5.2 45.4 68.0#



#53
3-Nitroaniline
Concen: 4.233 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:138 Resp: 33310
Ion Ratio Lower Upper
138 100
108 81.9 8.7 13.1#
92 44.4 94.6 142.0#

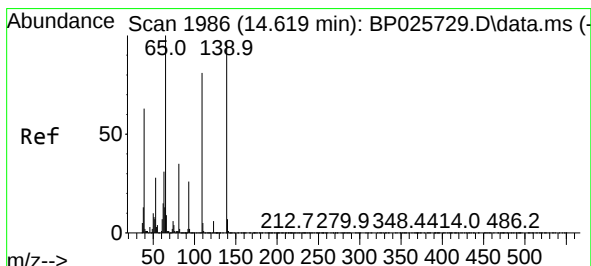
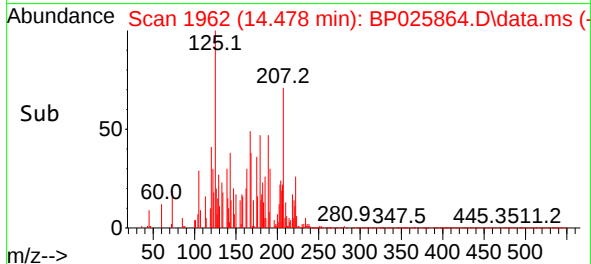
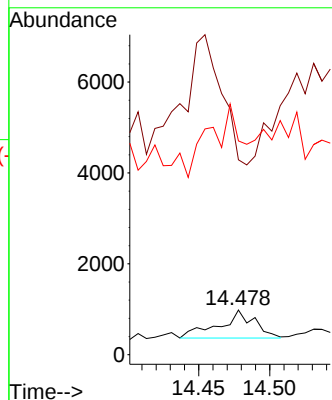
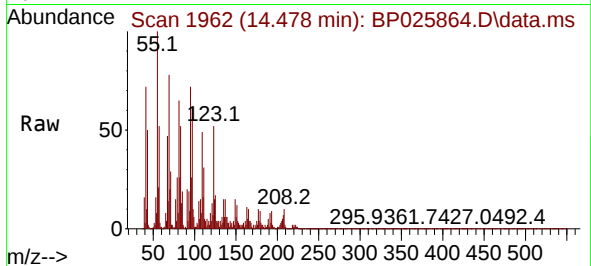




#54
2,4-Dinitrophenol
Concen: 5.030 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.029 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

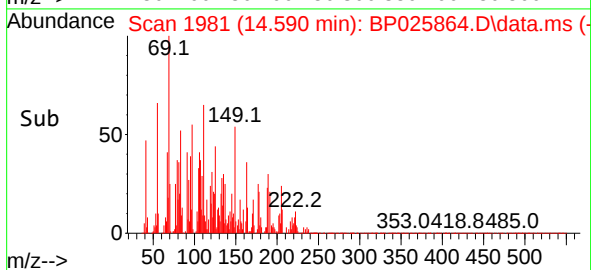
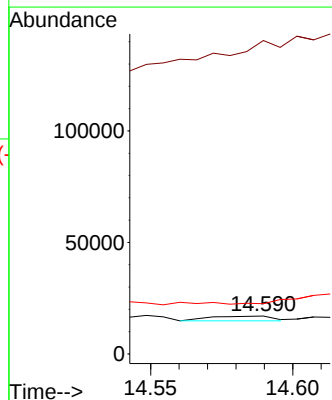
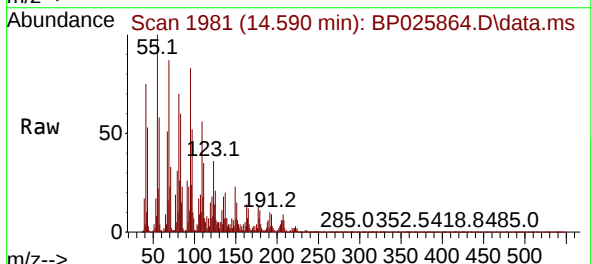
Instrument :
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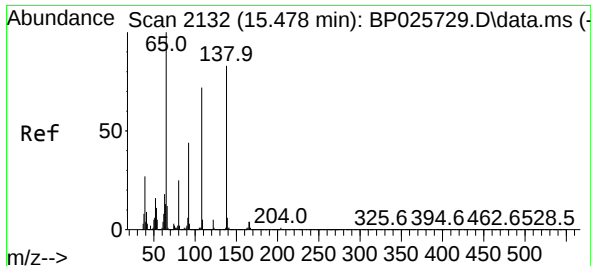
Tgt Ion:184 Resp: 1066
Ion Ratio Lower Upper
184 100
63 435.9 52.5 78.7#
154 478.2 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.929 ng
RT: 14.590 min Scan# 1981
Delta R.T. -0.029 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:139 Resp: 3207
Ion Ratio Lower Upper
139 100
109 827.9 62.9 102.9#
65 132.7 83.4 123.4#

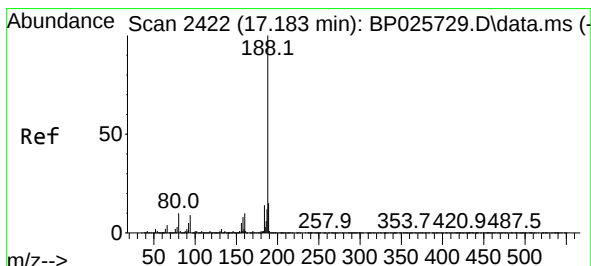
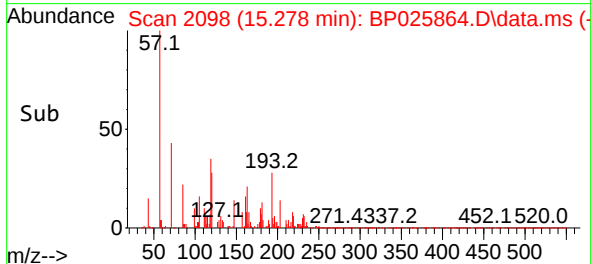
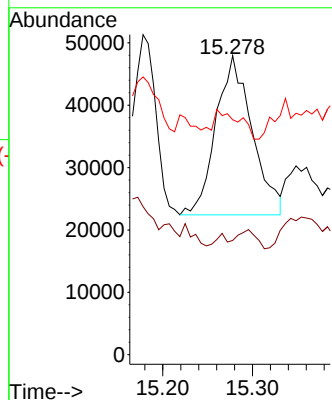
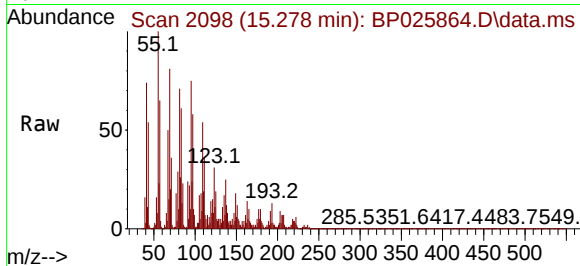




#62
4-Nitroaniline
Concen: 8.887 ng
RT: 15.278 min Scan# 2098
Delta R.T. -0.200 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

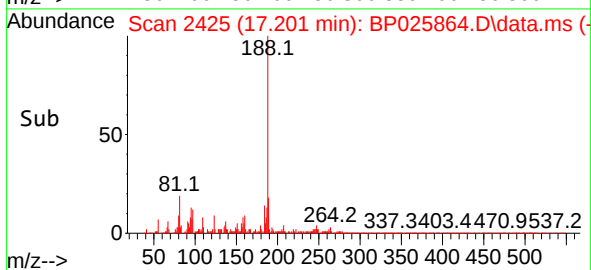
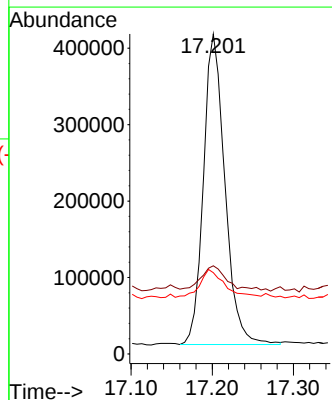
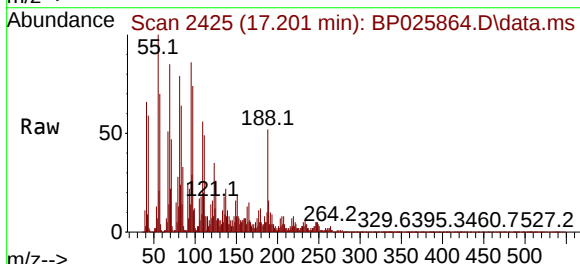
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

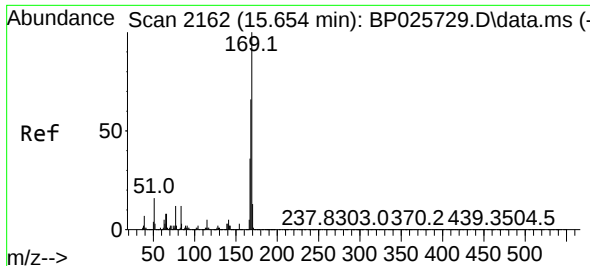
Tgt Ion:138 Resp: 71637
Ion Ratio Lower Upper
138 100
92 38.2 33.3 73.3
108 78.6 66.7 106.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.018 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:188 Resp: 745316
Ion Ratio Lower Upper
188 100
94 27.5 7.4 11.0#
80 25.4 7.7 11.5#

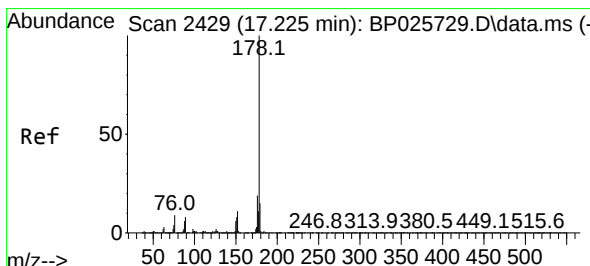
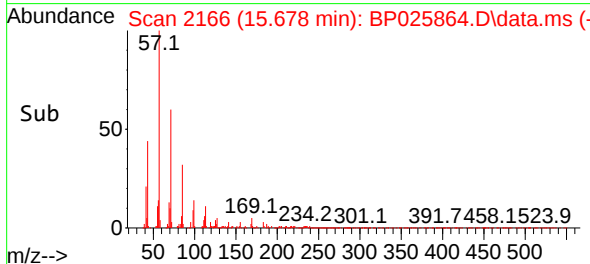
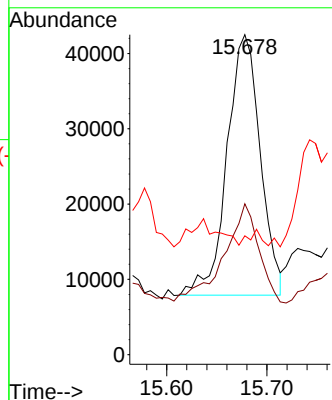
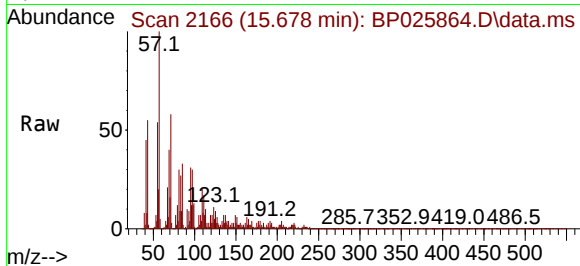




#66
n-Nitrosodiphenylamine
Concen: 3.511 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.024 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

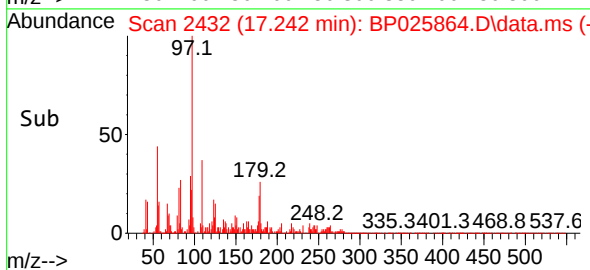
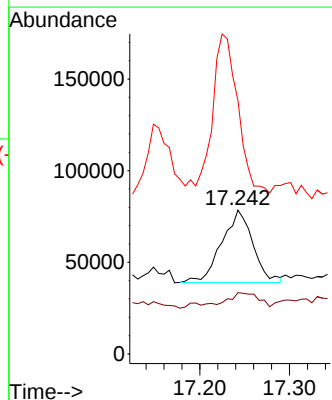
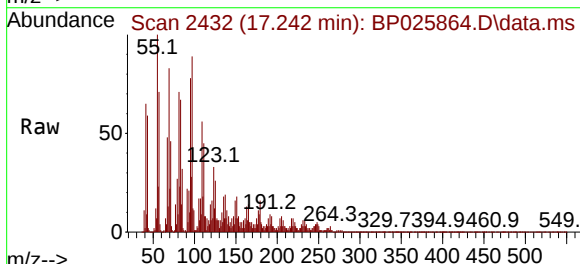
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

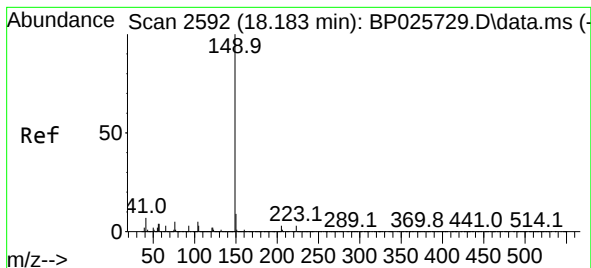
Tgt Ion:169 Resp: 80076
Ion Ratio Lower Upper
169 100
168 47.1 52.6 78.8#
167 37.2 28.5 42.7



#71
Phenanthrene
Concen: 2.236 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.018 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:178 Resp: 94531
Ion Ratio Lower Upper
178 100
176 42.7 15.4 23.2#
179 176.2 12.2 18.4#





#74

Di-n-butylphthalate

Concen: 3.081 ng

RT: 18.195 min Scan# 2594

Delta R.T. 0.012 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

Instrument :

BNA_P

ClientSampleId :

TOTES COMP#1

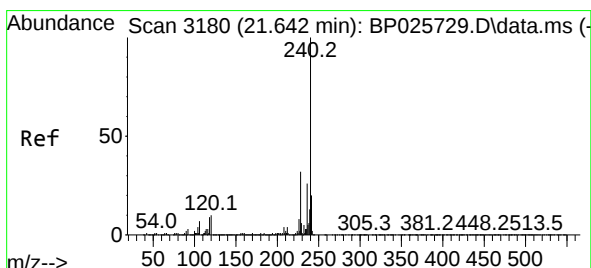
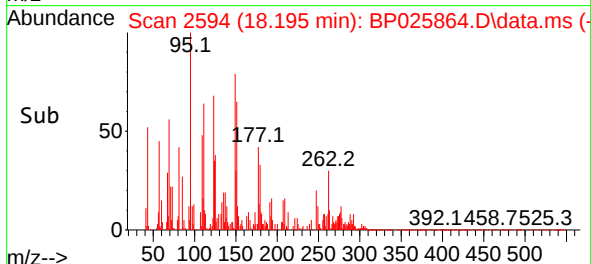
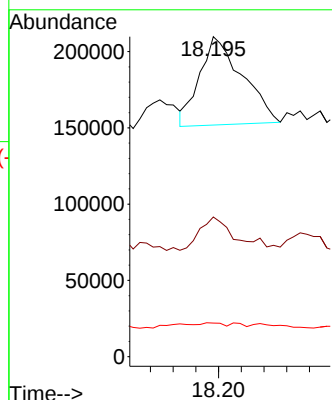
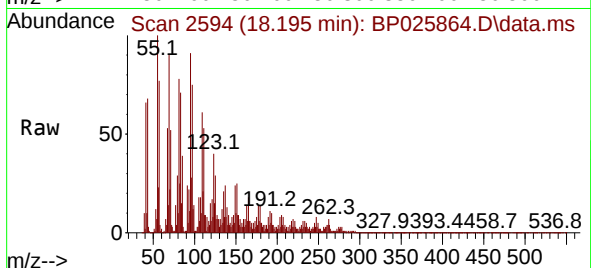
Tgt Ion:149 Resp: 150800

Ion Ratio Lower Upper

149 100

150 43.6 7.4 11.0#

104 10.5 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

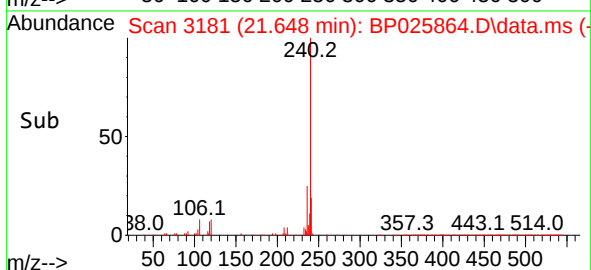
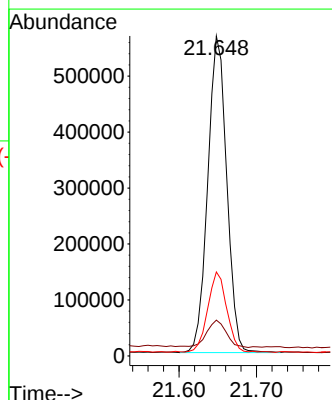
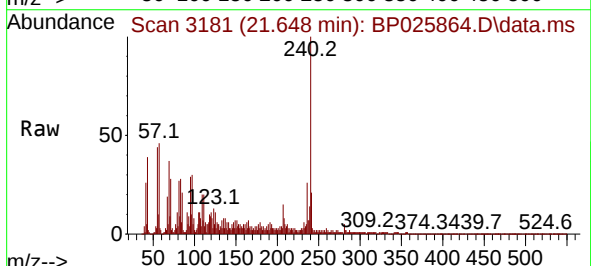
Tgt Ion:240 Resp: 962105

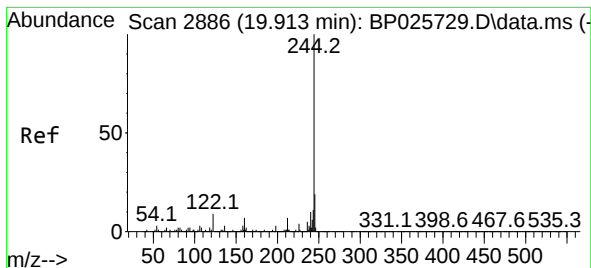
Ion Ratio Lower Upper

240 100

120 11.2 8.0 12.0

236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 68.825 ng

RT: 19.931 min Scan# 2

Delta R.T. 0.018 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

Instrument :

BNA_P

ClientSampleId :

TOTES COMP#1

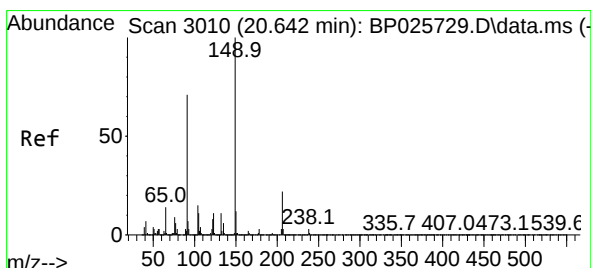
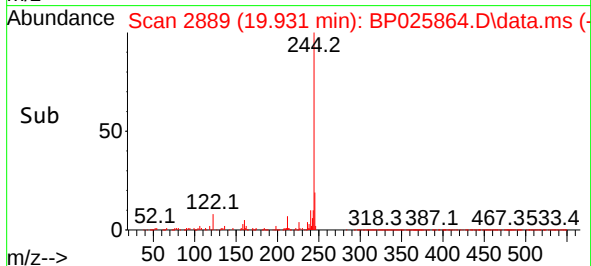
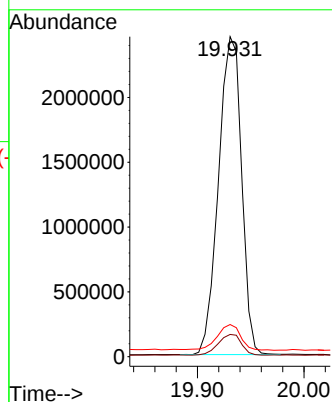
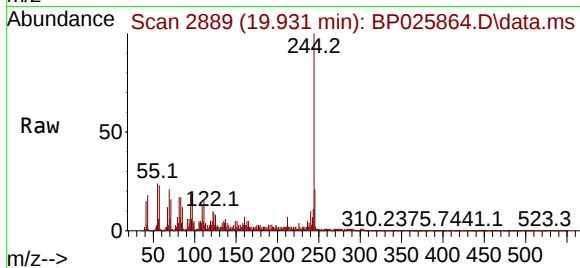
Tgt Ion:244 Resp: 3680763

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.1 7.1 10.7



#80

Butylbenzylphthalate

Concen: 2.395 ng

RT: 20.642 min Scan# 3010

Delta R.T. 0.000 min

Lab File: BP025864.D

Acq: 25 Sep 2025 19:32

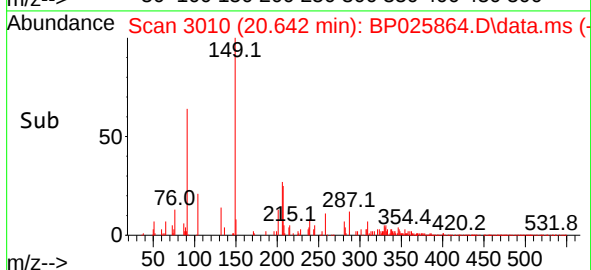
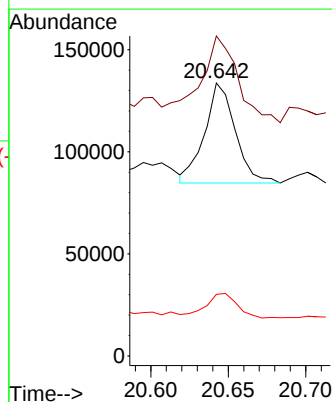
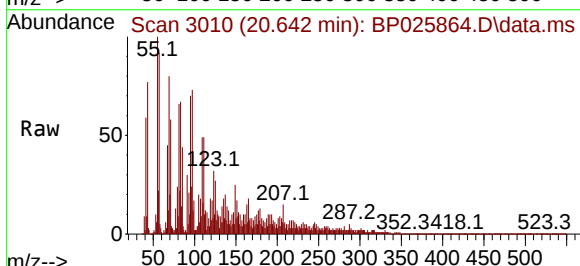
Tgt Ion:149 Resp: 67406

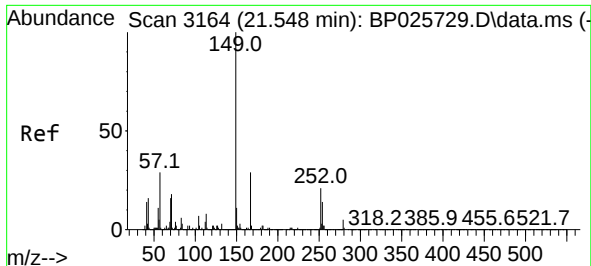
Ion Ratio Lower Upper

149 100

91 117.2 56.6 85.0#

206 22.6 17.4 26.0

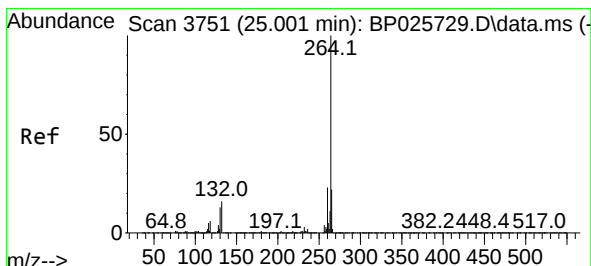
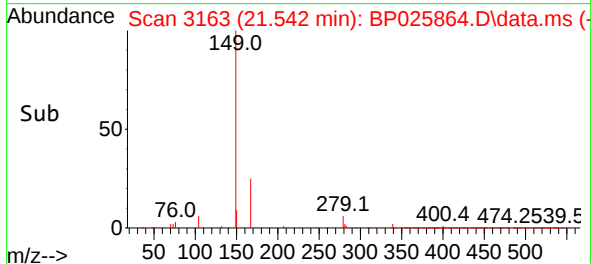
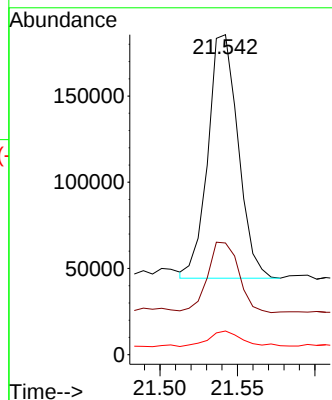
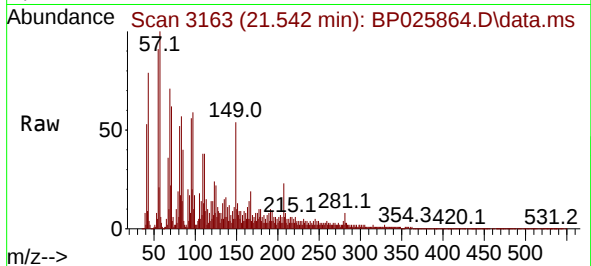




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.648 ng
RT: 21.542 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Instrument :
BNA_P
ClientSampleId :
TOTES COMP#1

Tgt Ion:149 Resp: 191395
Ion Ratio Lower Upper
149 100
167 34.9 22.9 34.3#
279 7.4 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. 0.000 min
Lab File: BP025864.D
Acq: 25 Sep 2025 19:32

Tgt Ion:264 Resp: 907953
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 22.6 17.3 25.9

