

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026097.D
 Acq On : 11 Nov 2025 19:36
 Operator : RC/JU
 Sample : Q3584-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-1

Quant Time: Nov 12 01:47:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

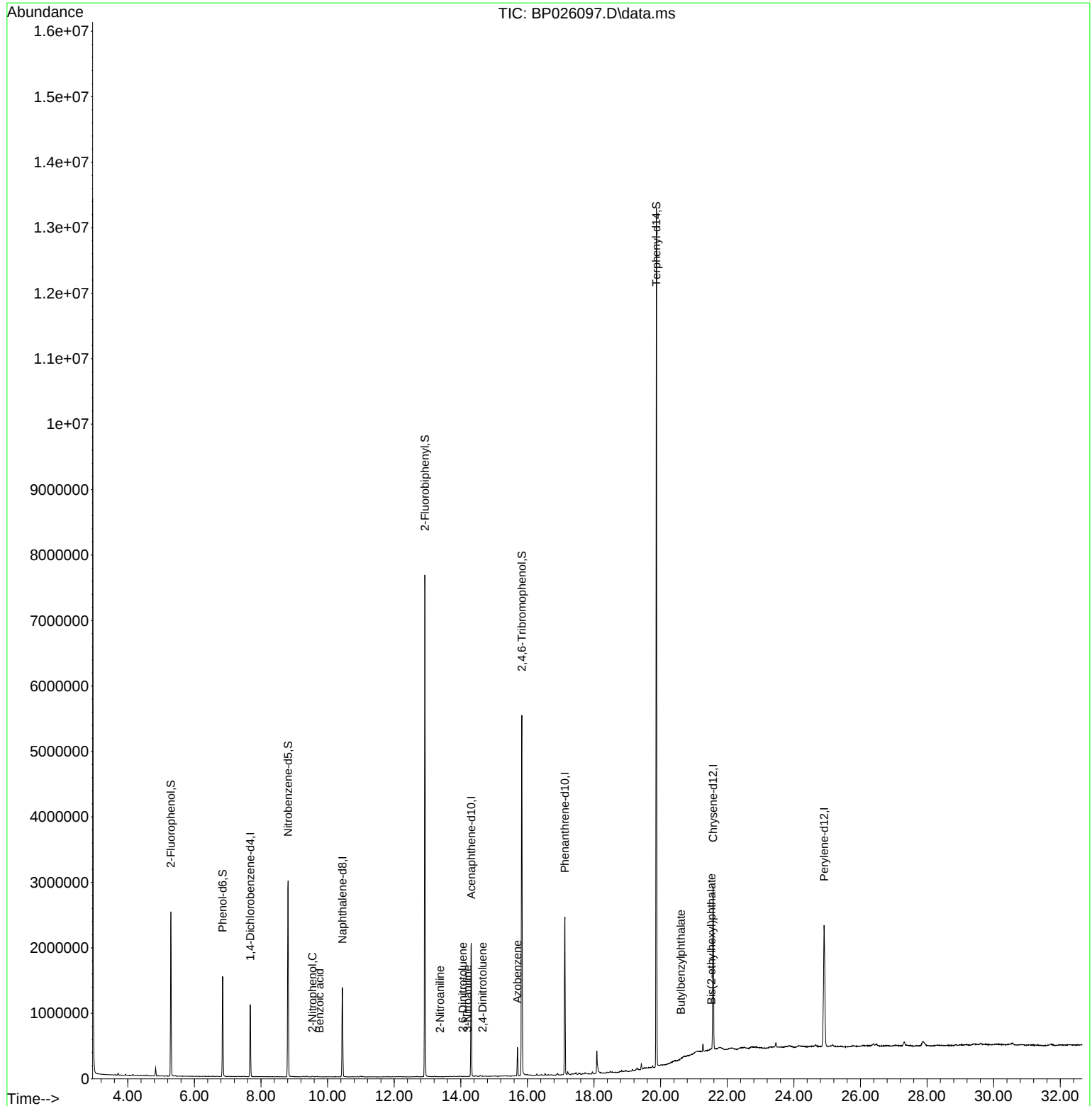
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	317671	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1227246	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	744904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1502755	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1662918	20.000	ng	0.01
86) Perylene-d12	24.907	264	1971522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1133623	58.884	ng	0.00
7) Phenol-d6	6.849	99	894334	36.498	ng	0.00
23) Nitrobenzene-d5	8.813	82	1698232	86.264	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1188197	147.545	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4033988	77.816	ng	-0.01
79) Terphenyl-d14	19.872	244	6633340	81.043	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.549	139	165	2.698	ng	# 1
32) Benzoic acid	9.755	122	141	3.133	ng	# 51
48) 2-Nitroaniline	13.372	65	174	2.924	ng	# 38
51) 2,6-Dinitrotoluene	14.060	165	87	2.999	ng	90
53) 3-Nitroaniline	14.195	138	52	2.642	ng	# 29
57) 2,4-Dinitrotoluene	14.654	165	132	3.095	ng	# 48
63) Azobenzene	15.701	77	118333	2.397	ng	# 1
80) Butylbenzylphthalate	20.607	149	1268	3.425	ng	# 54
84) Bis(2-ethylhexyl)phtha...	21.525	149	13346	2.786	ng	# 85

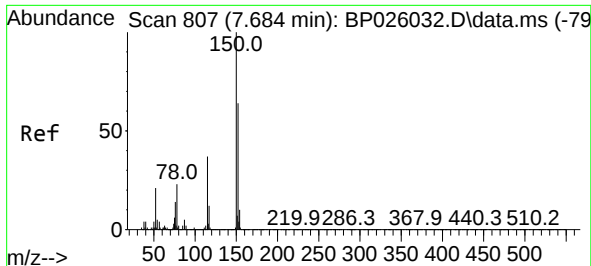
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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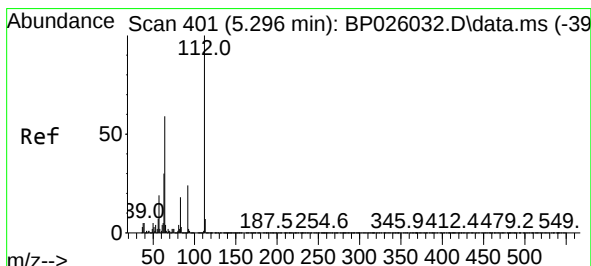
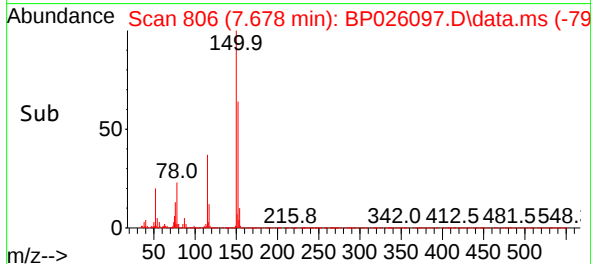
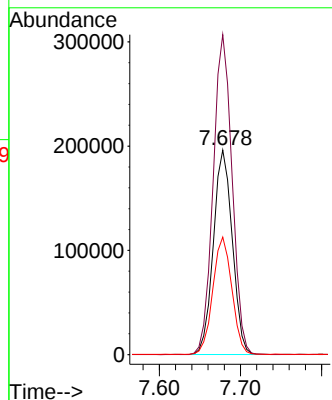
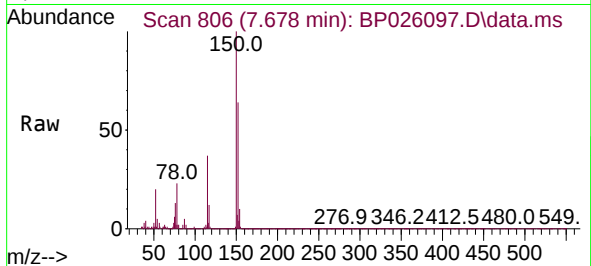




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

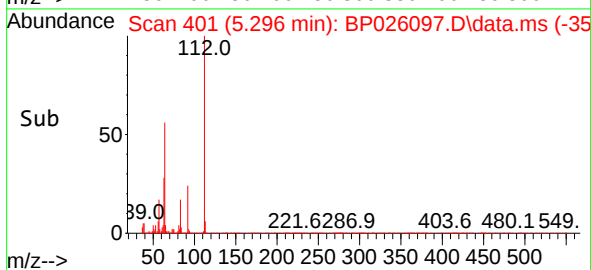
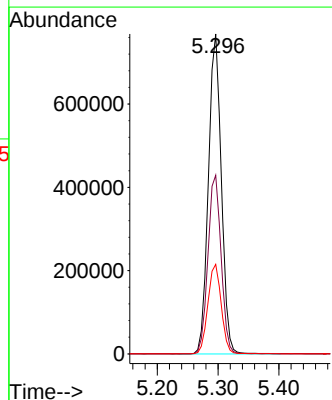
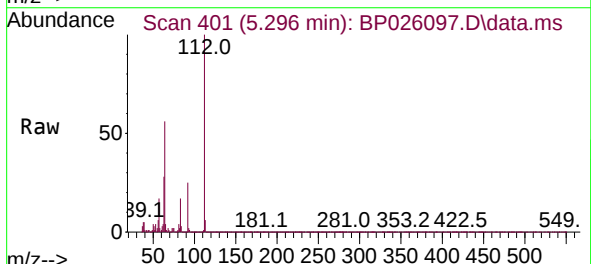
Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 317671
Ion Ratio Lower Upper
152 100
150 156.5 125.7 188.5
115 57.5 46.4 69.6



#5
2-Fluorophenol
Concen: 58.884 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:112 Resp: 1133623
Ion Ratio Lower Upper
112 100
64 55.8 47.4 71.2
63 28.0 24.2 36.4

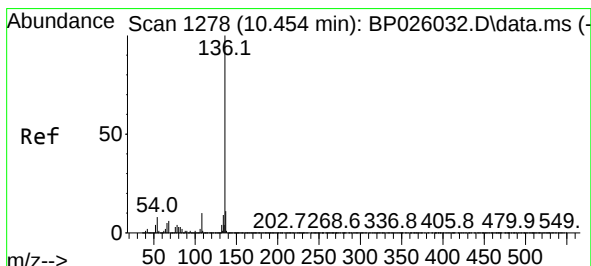
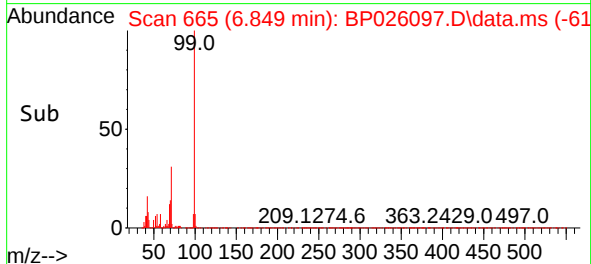
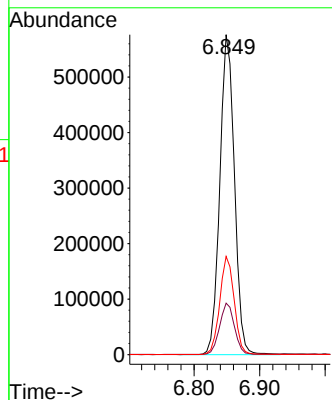
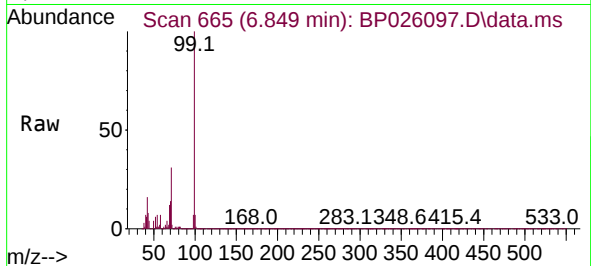




#7
Phenol-d6
Concen: 36.498 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

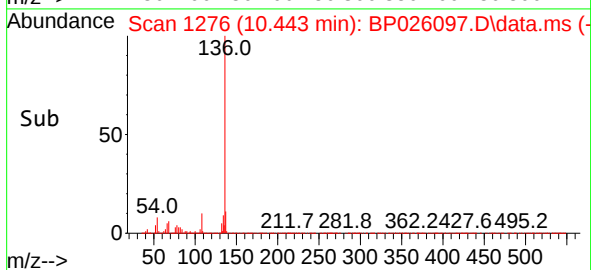
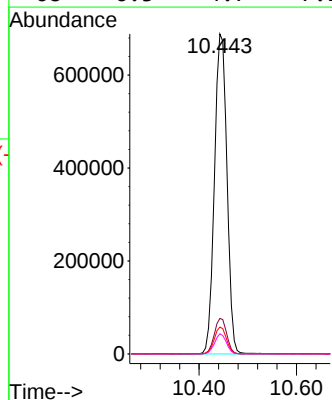
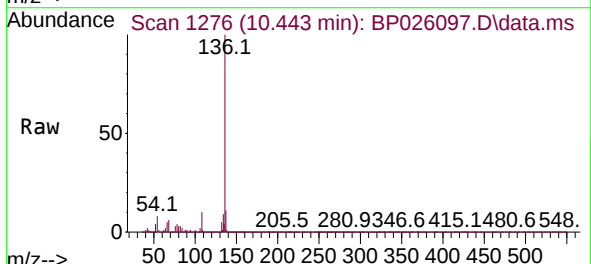
Instrument :
BNA_P
ClientSampleId :
SW-1

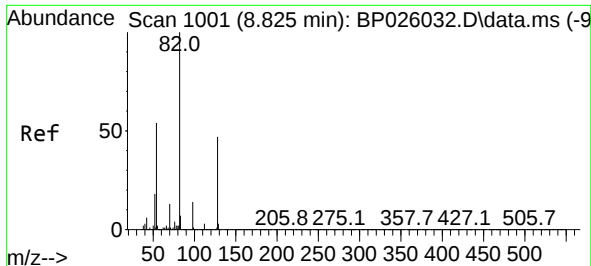
Tgt Ion: 99 Resp: 894334
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion: 136 Resp: 1227246
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.6 10.0
68 6.3 4.7 7.1

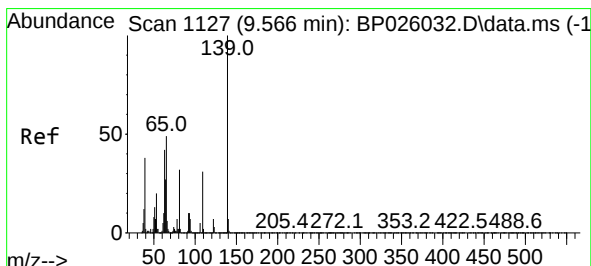
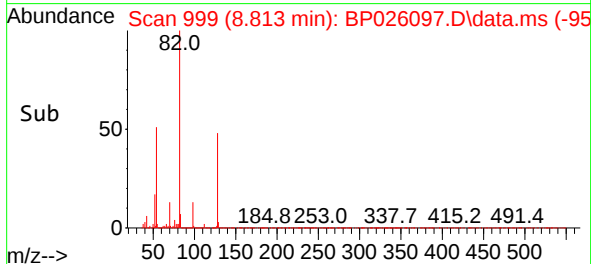
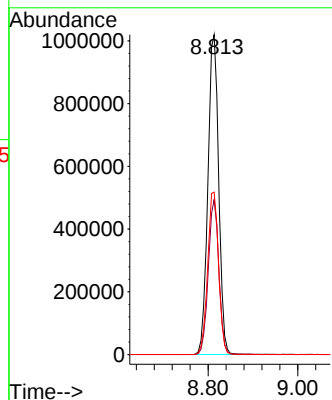
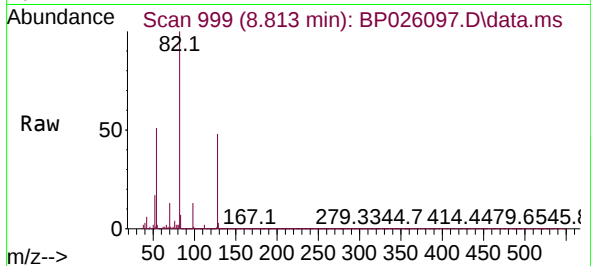




#23
Nitrobenzene-d5
Concen: 86.264 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

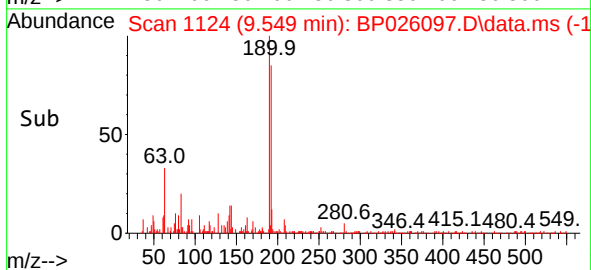
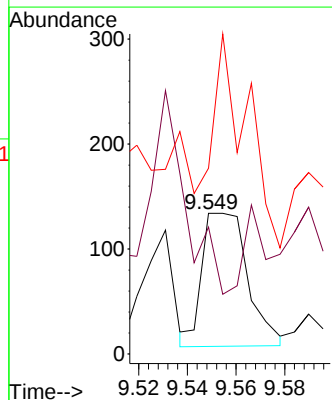
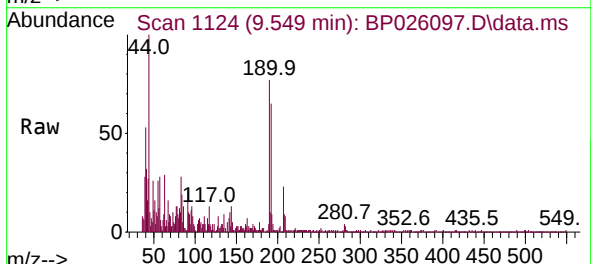
Instrument :
BNA_P
ClientSampleId :
SW-1

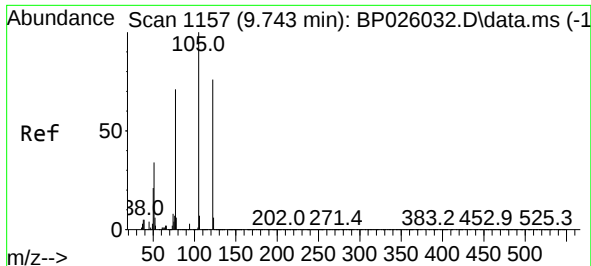
Tgt Ion: 82 Resp: 1698232
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.0
54 50.8 42.7 64.1



#26
2-Nitrophenol
Concen: 2.698 ng
RT: 9.549 min Scan# 1124
Delta R.T. -0.017 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion: 139 Resp: 165
Ion Ratio Lower Upper
139 100
109 90.3 24.8 37.2#
65 132.1 39.0 58.4#

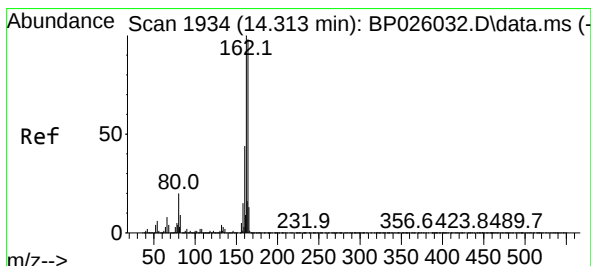
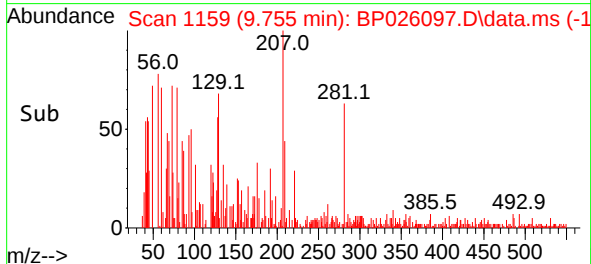
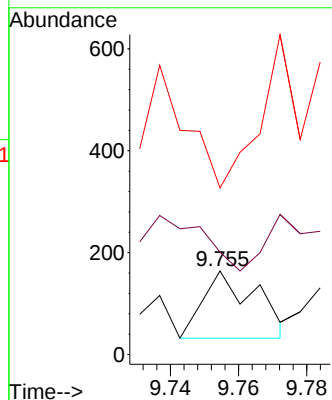
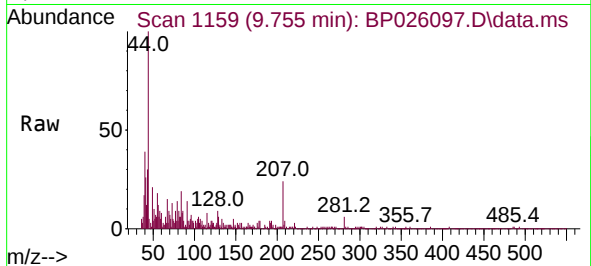




#32
Benzoic acid
Concen: 3.133 ng
RT: 9.755 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

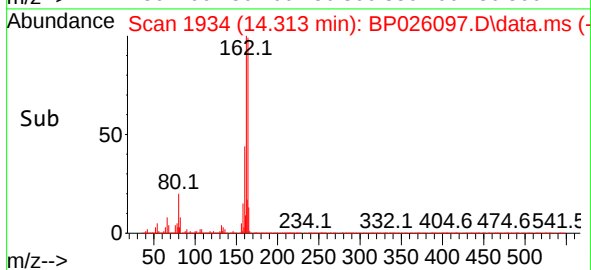
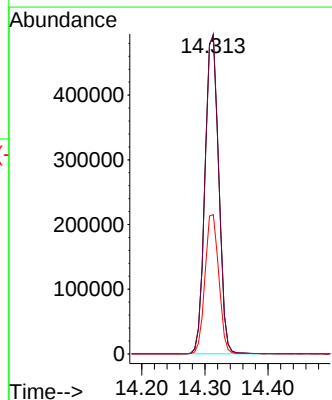
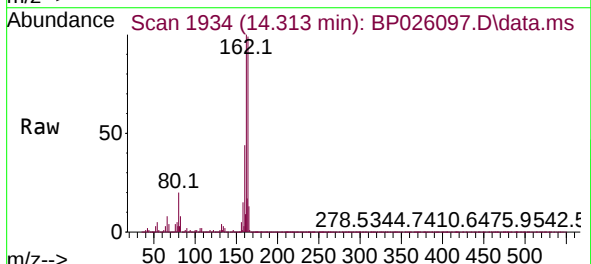
Instrument :
BNA_P
ClientSampleId :
SW-1

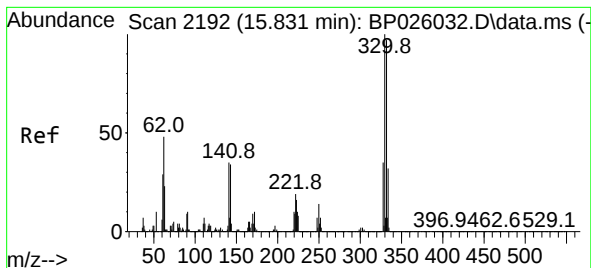
Tgt Ion:	122	Resp:	141
Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.8	144.8
77	199.4	70.9	110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:	164	Resp:	744904
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	43.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 147.545 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

BNA_P

ClientSampleId :

SW-1

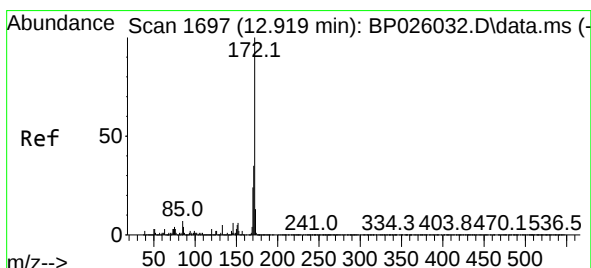
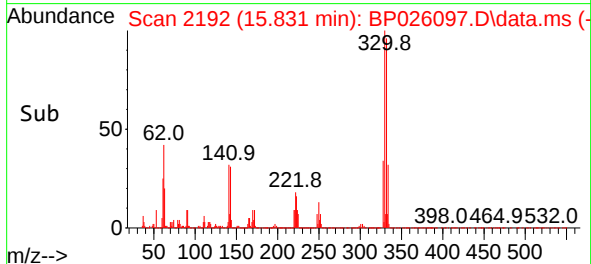
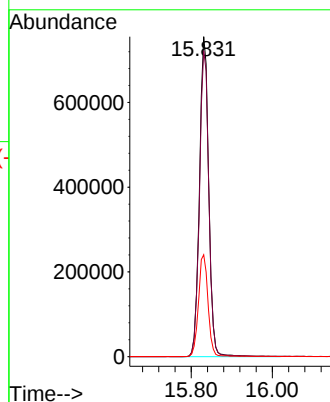
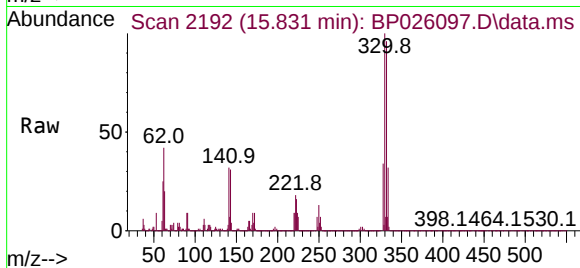
Tgt Ion:330 Resp: 1188197

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.8 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 77.816 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

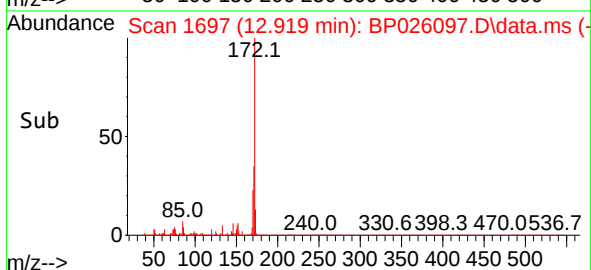
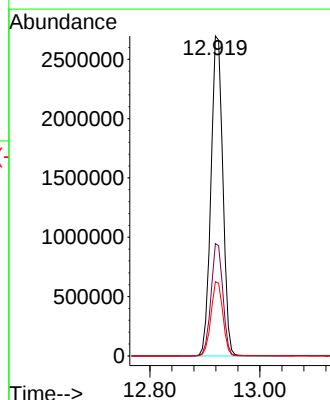
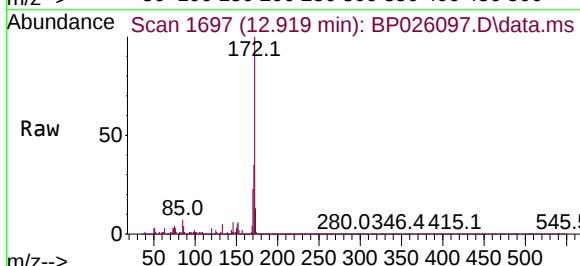
Tgt Ion:172 Resp: 4033988

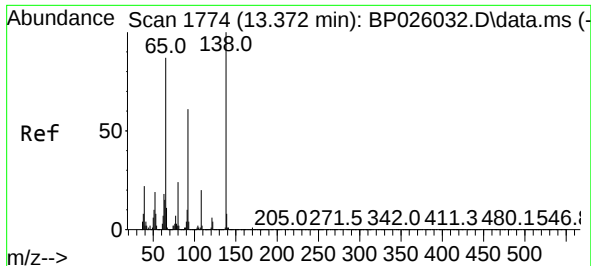
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.2 19.0 28.4

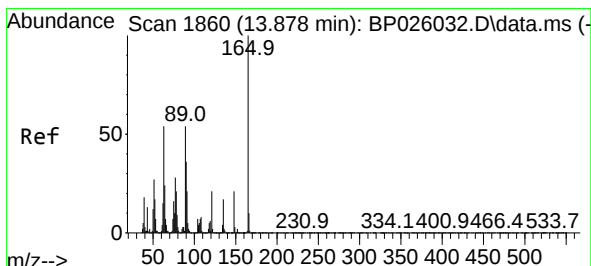
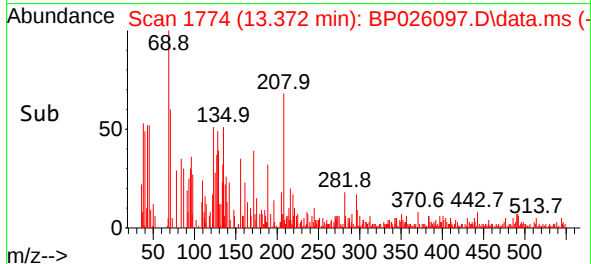
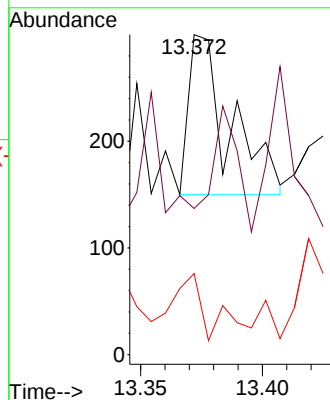
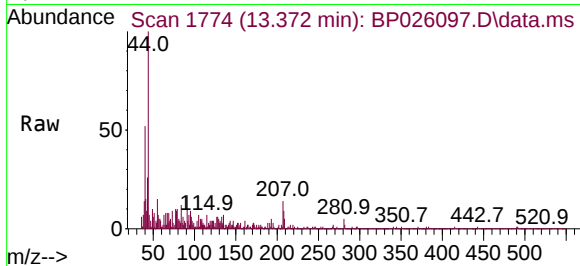




#48
2-Nitroaniline
Concen: 2.924 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

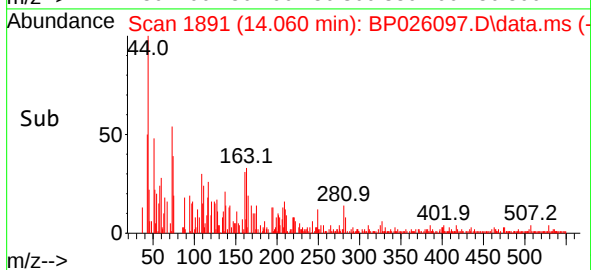
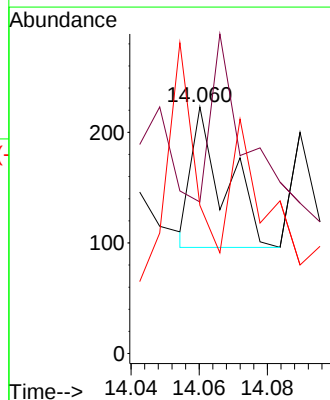
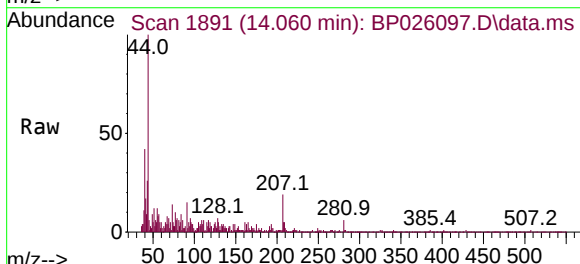
Instrument :
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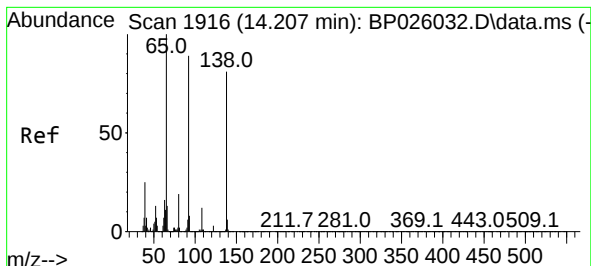
Tgt Ion: 65 Resp: 174
Ion Ratio Lower Upper
65 100
92 45.7 55.5 83.3#
138 25.3 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.999 ng
RT: 14.060 min Scan# 1891
Delta R.T. 0.182 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion: 165 Resp: 87
Ion Ratio Lower Upper
165 100
63 61.4 43.0 64.4
89 60.1 43.0 64.4





#53

3-Nitroaniline

Concen: 2.642 ng

RT: 14.195 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

BNA_P

ClientSampleId :

SW-1

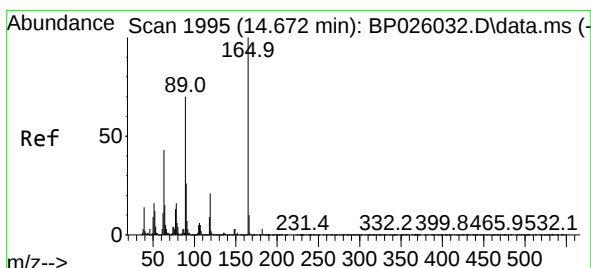
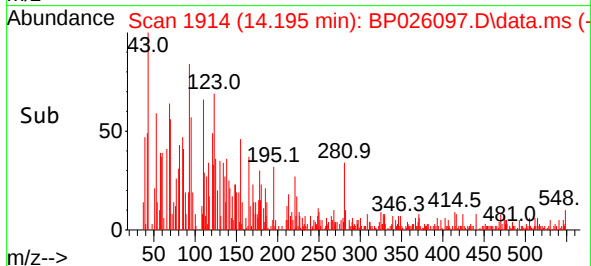
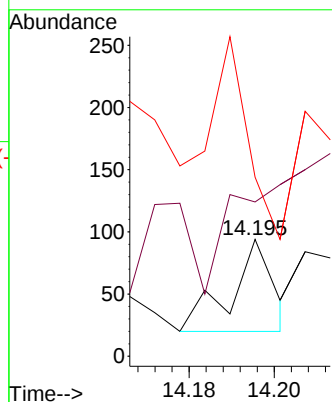
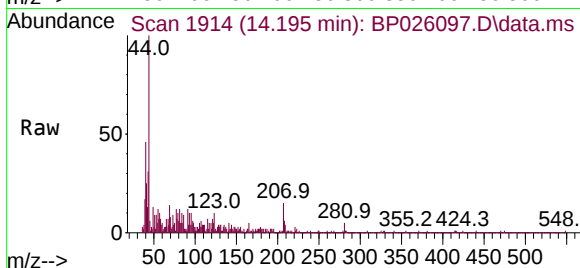
Tgt Ion:138 Resp: 52

Ion Ratio Lower Upper

138 100

108 131.9 11.4 17.0#

92 153.2 87.1 130.7#



#57

2,4-Dinitrotoluene

Concen: 3.095 ng

RT: 14.654 min Scan# 1992

Delta R.T. -0.024 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Tgt Ion:165 Resp: 132

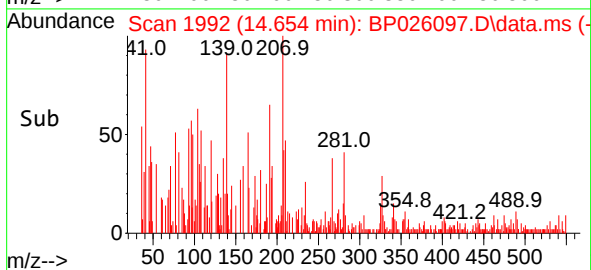
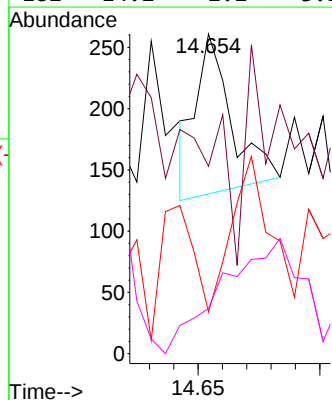
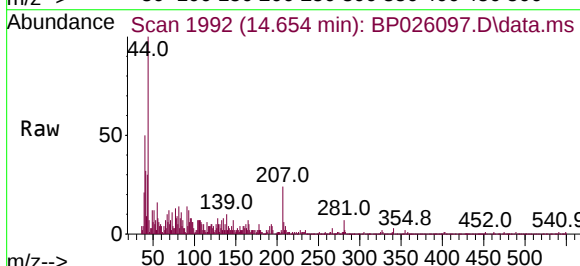
Ion Ratio Lower Upper

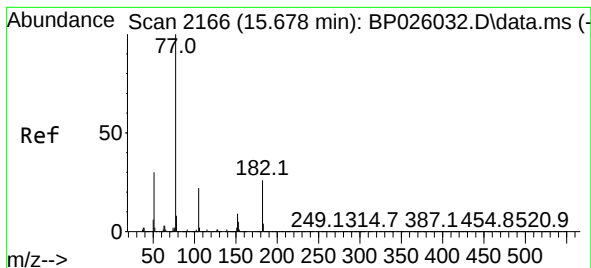
165 100

63 58.6 34.2 51.2#

89 13.0 56.0 84.0#

182 14.2 2.2 3.2#





#63

Azobenzene

Concen: 2.397 ng

RT: 15.701 min Scan# 2166

Delta R.T. 0.012 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

BNA_P

ClientSampleId :

SW-1

Tgt Ion: 77 Resp: 118333

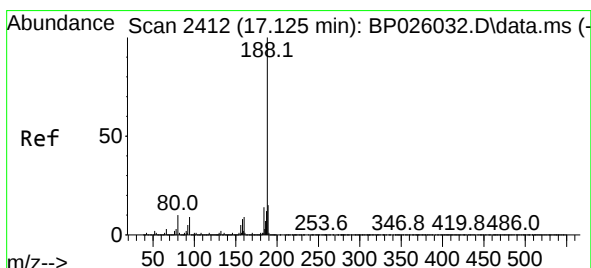
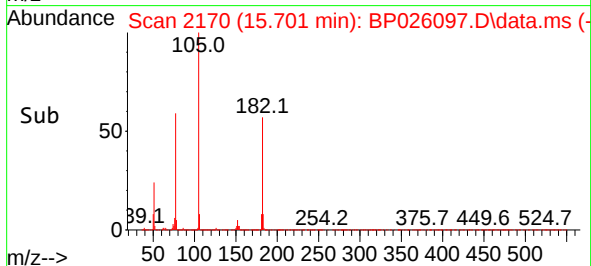
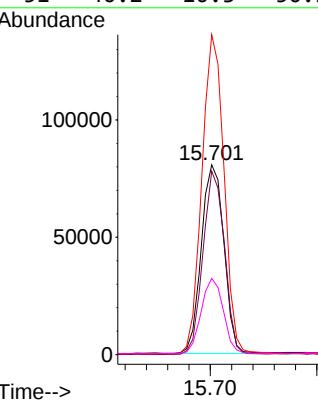
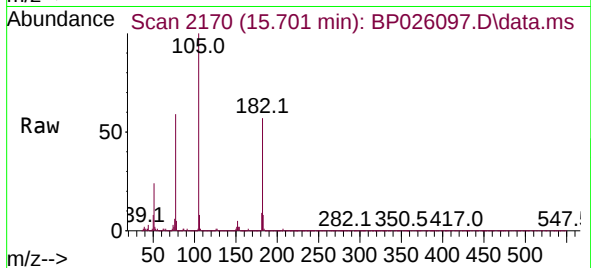
Ion Ratio Lower Upper

77 100

182 96.6 6.4 46.4#

105 168.5 2.2 42.2#

51 40.2 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

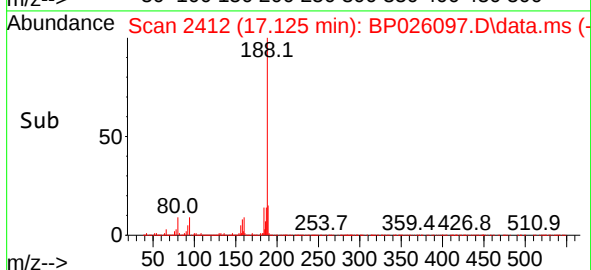
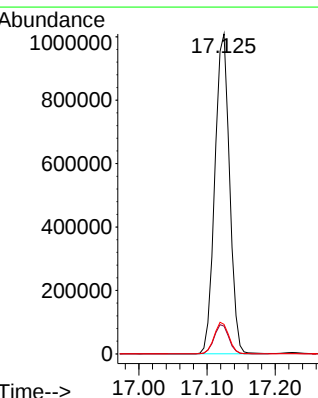
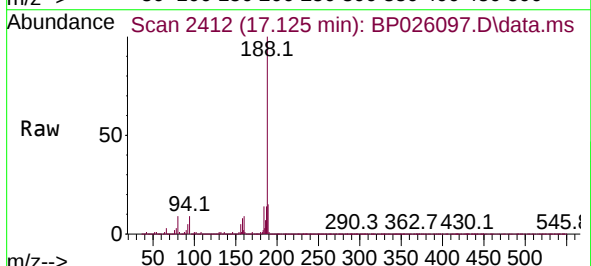
Tgt Ion:188 Resp: 1502755

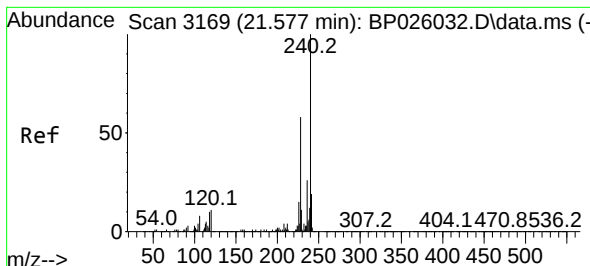
Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

80 9.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

BNA_P

ClientSampleId :

SW-1

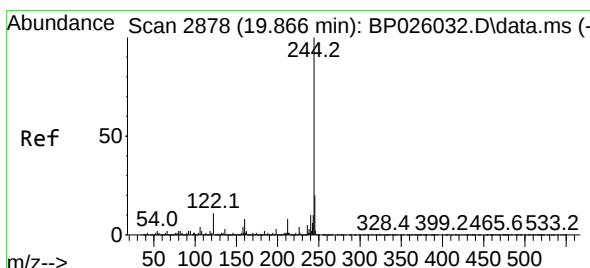
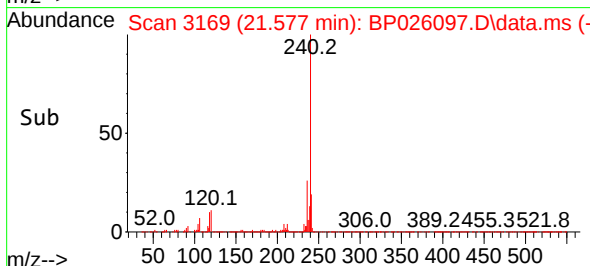
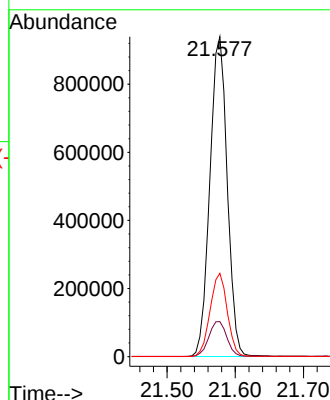
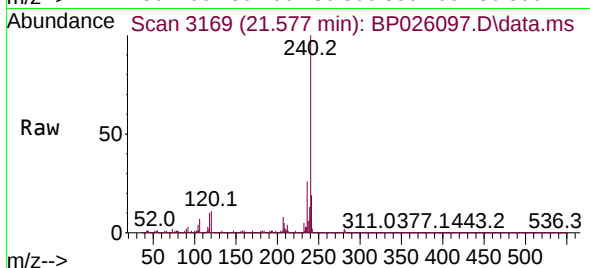
Tgt Ion:240 Resp: 1662918

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 81.043 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

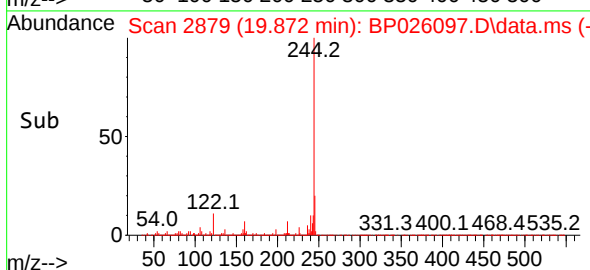
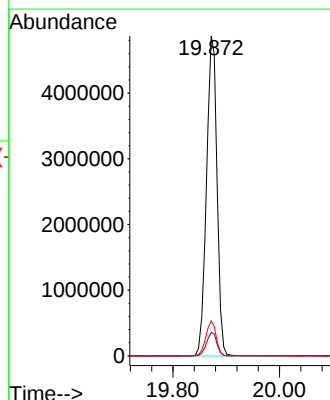
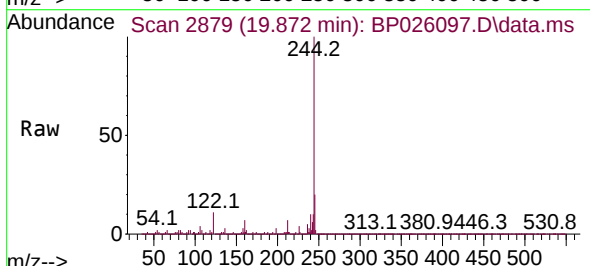
Tgt Ion:244 Resp: 6633340

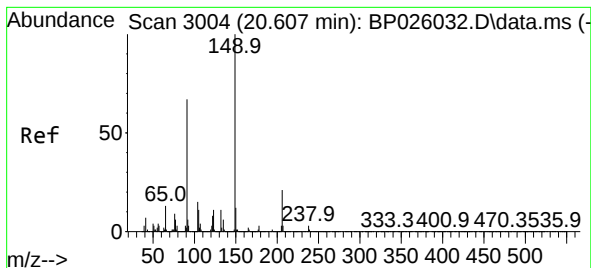
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.425 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

BNA_P

ClientSampleId :

SW-1

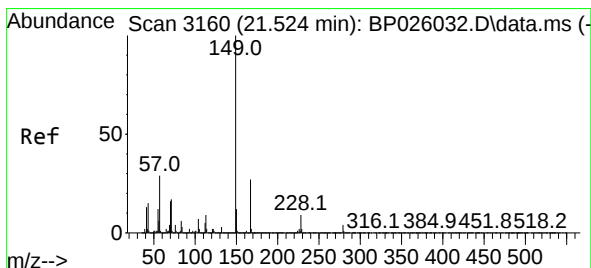
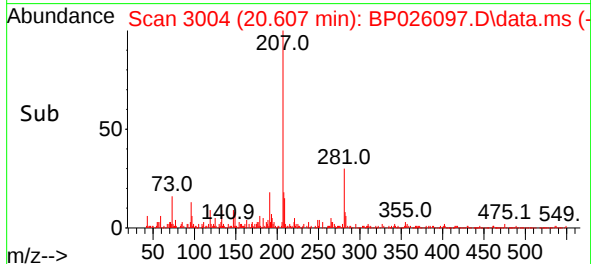
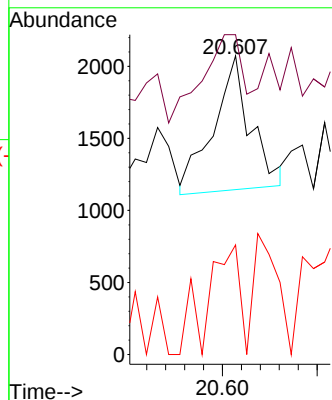
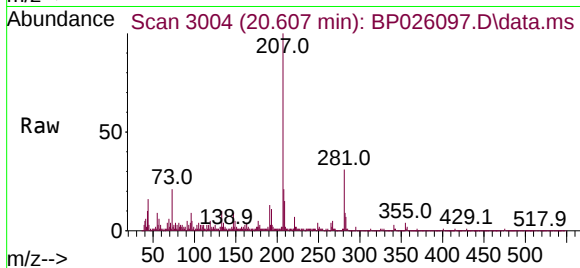
Tgt Ion:149 Resp: 1268

Ion Ratio Lower Upper

149 100

91 107.1 53.5 80.3#

206 36.7 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.786 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

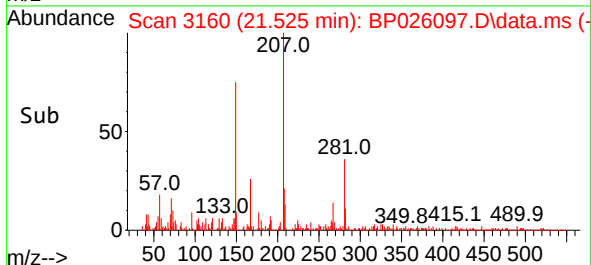
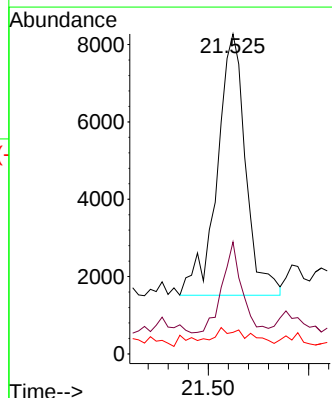
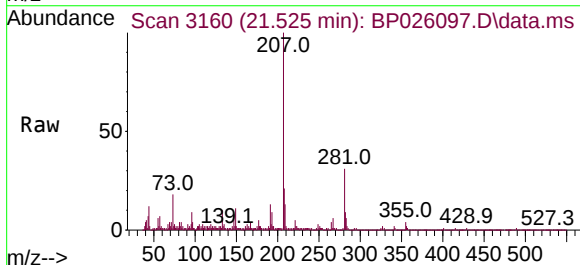
Tgt Ion:149 Resp: 13346

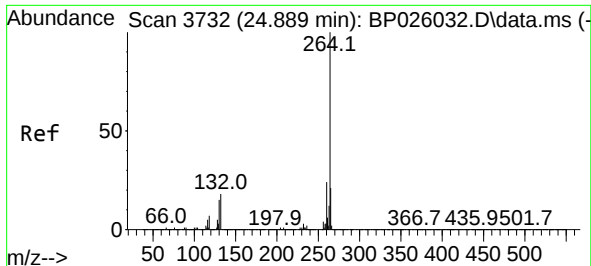
Ion Ratio Lower Upper

149 100

167 35.0 21.5 32.3#

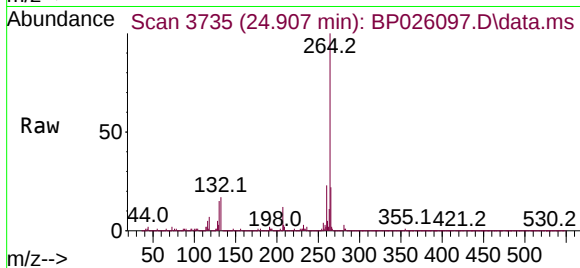
279 6.7 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1



Tgt Ion:264 Resp: 1971522

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.3	17.2	25.8

