

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026098.D
 Acq On : 11 Nov 2025 20:18
 Operator : RC/JU
 Sample : Q3586-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SED-2

Quant Time: Nov 12 01:47:42 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)

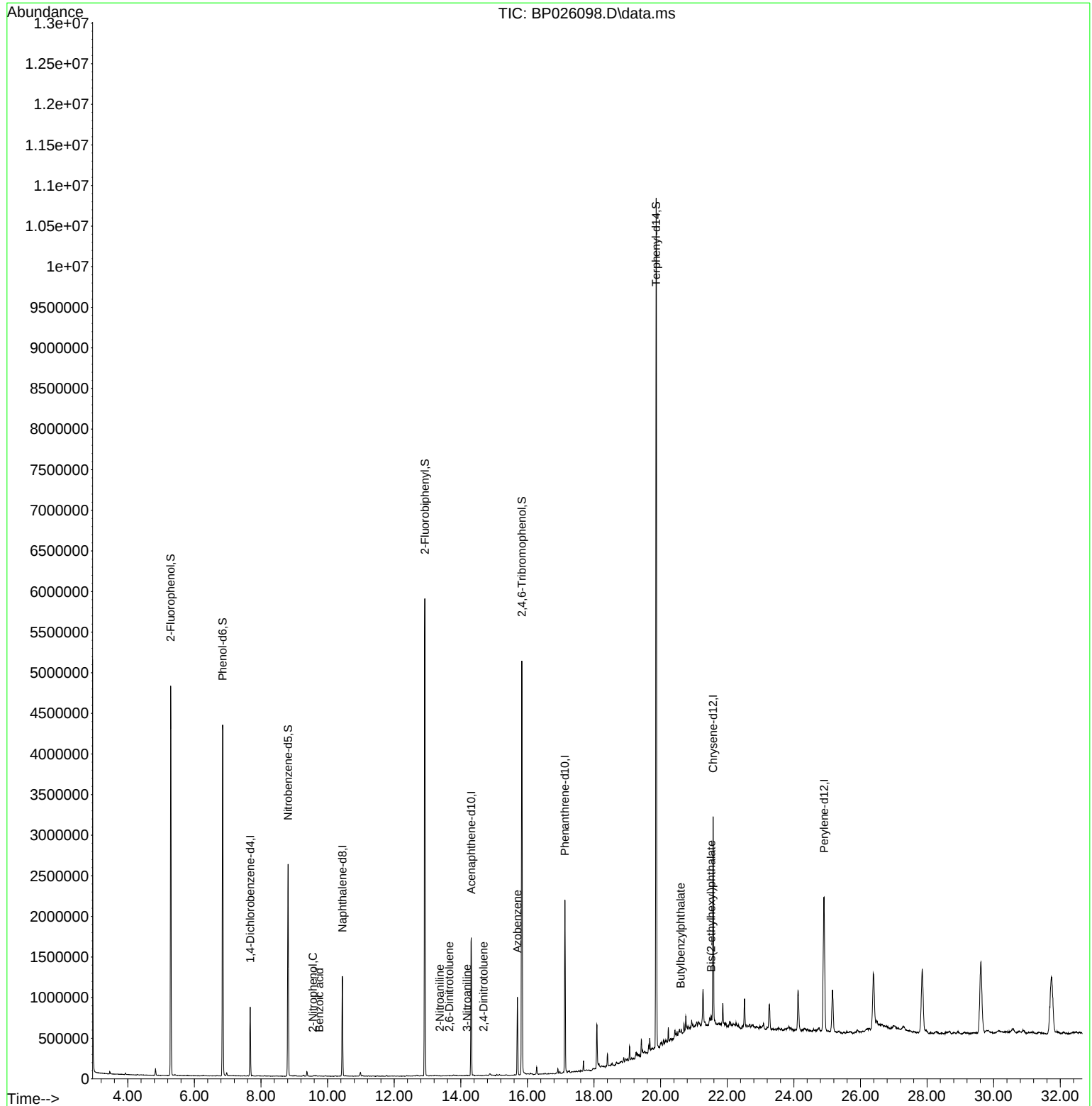
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	249884	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	984033	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	622887	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1353624	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1635330	20.000	ng	0.01
86) Perylene-d12	24.907	264	1941015	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2077906	137.214	ng	0.00
7) Phenol-d6	6.849	99	2598995	134.839	ng	0.00
23) Nitrobenzene-d5	8.813	82	1442241	91.368	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1120470	166.390	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	3428382	79.089	ng	-0.01
79) Terphenyl-d14	19.866	244	6074059	75.462	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.560	139	73	2.688	ng	# 1
32) Benzoic acid	9.749	122	159	3.140	ng	# 40
48) 2-Nitroaniline	13.366	65	680	2.976	ng	# 44
51) 2,6-Dinitrotoluene	13.654	165	80	3.000	ng	91
53) 3-Nitroaniline	14.184	138	96	2.646	ng	# 1
57) 2,4-Dinitrotoluene	14.684	165	195	3.101	ng	# 47
63) Azobenzene	15.701	77	284038	6.881	ng	# 1
80) Butylbenzylphthalate	20.601	149	2177	3.446	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.519	149	51211	3.332	ng	# 95

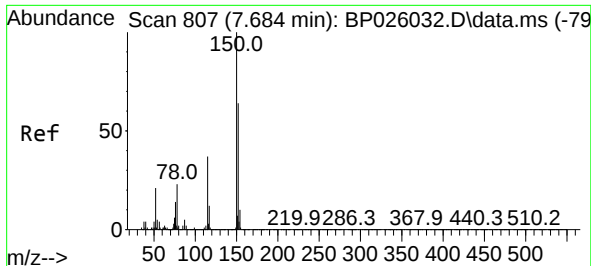
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
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Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
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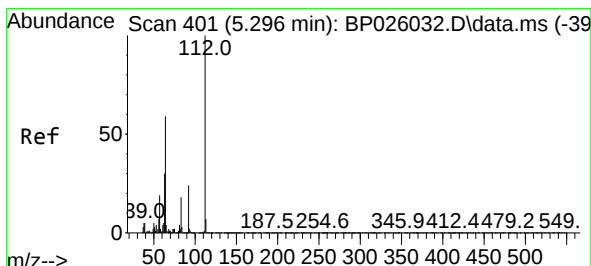
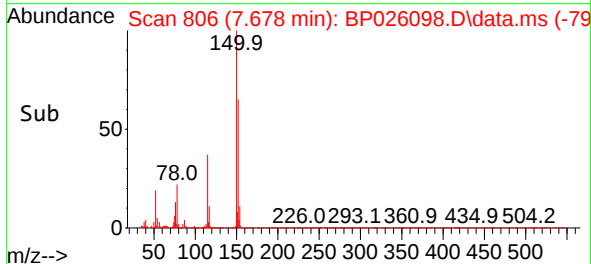
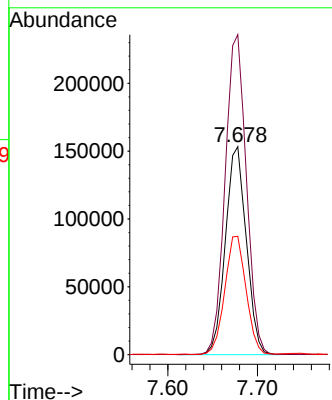
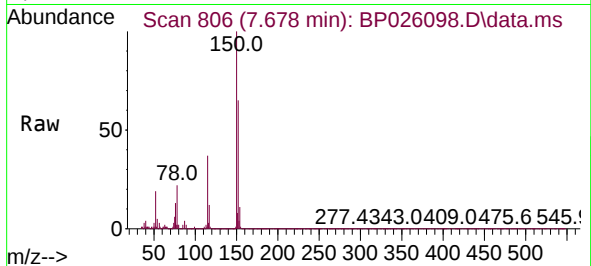




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

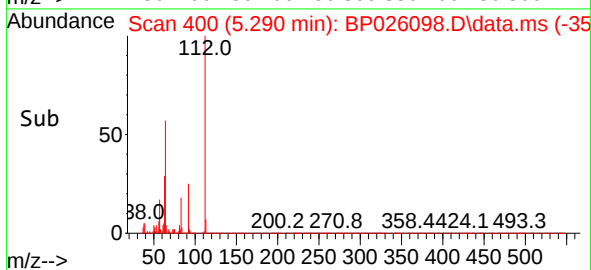
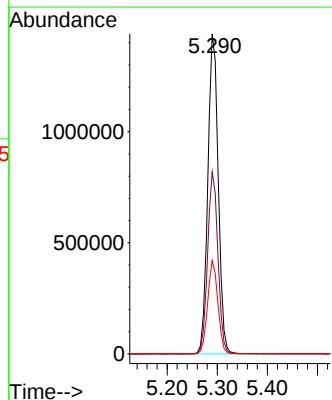
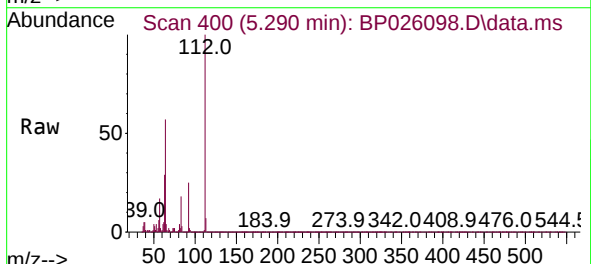
Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:152 Resp: 249884
Ion Ratio Lower Upper
152 100
150 153.9 125.7 188.5
115 56.9 46.4 69.6



#5
2-Fluorophenol
Concen: 137.214 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:112 Resp: 2077906
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 29.2 24.2 36.4

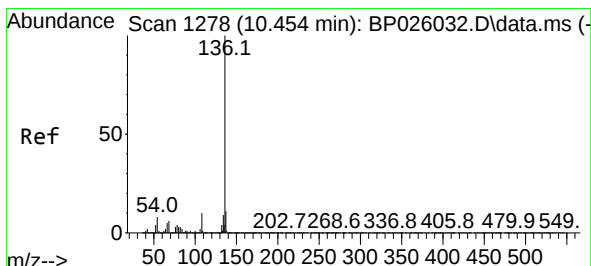
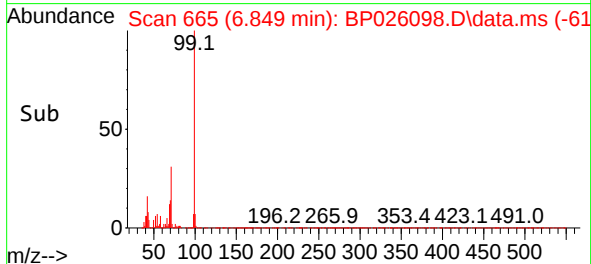
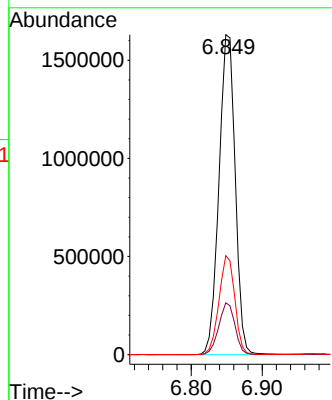
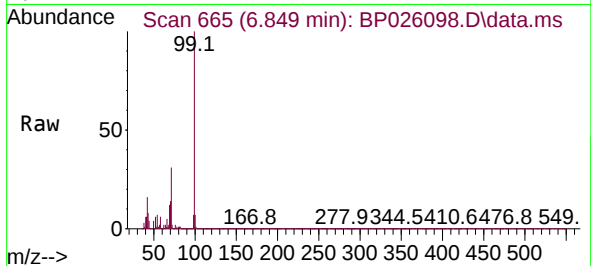




#7
Phenol-d6
Concen: 134.839 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

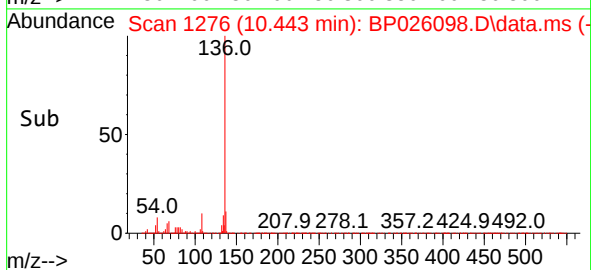
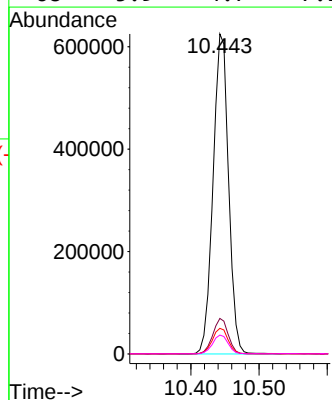
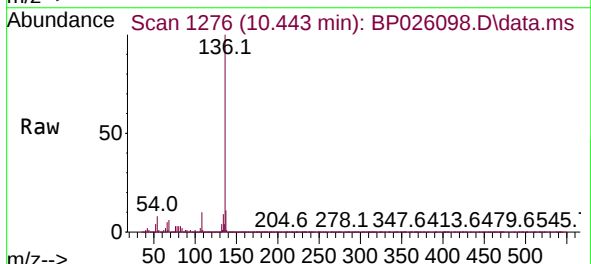
Instrument :
BNA_P
ClientSampleId :
SED-2

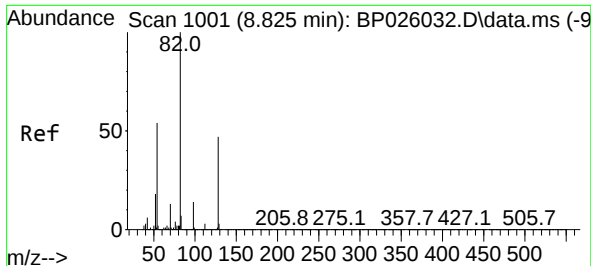
Tgt Ion: 99 Resp: 2598995
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion: 136 Resp: 984033
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 6.6 10.0
68 5.9 4.7 7.1

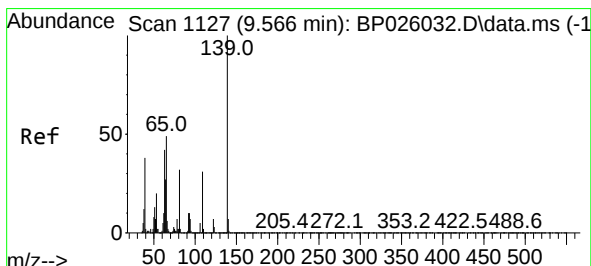
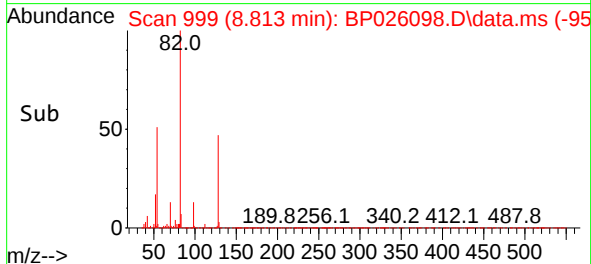
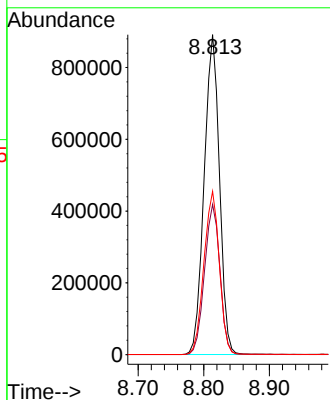
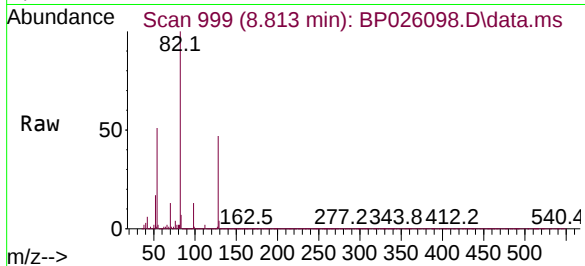




#23
Nitrobenzene-d5
Concen: 91.368 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

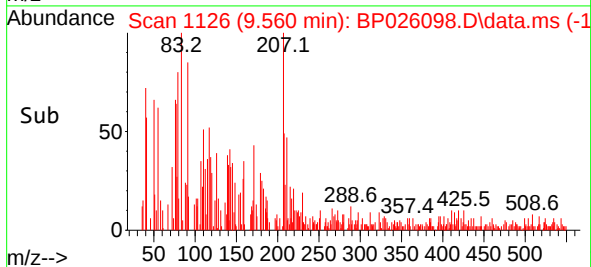
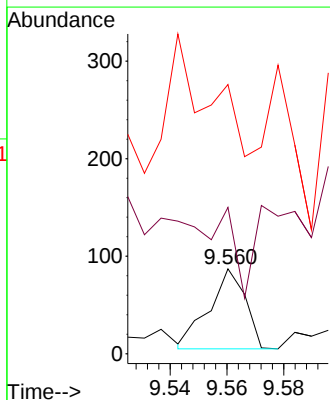
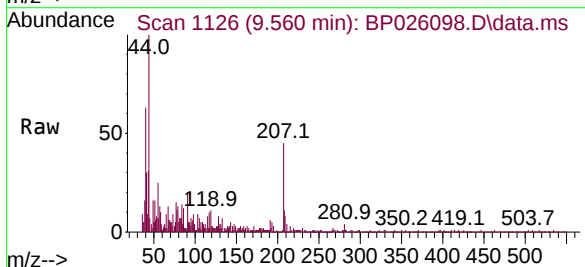
Instrument :
BNA_P
ClientSampleId :
SED-2

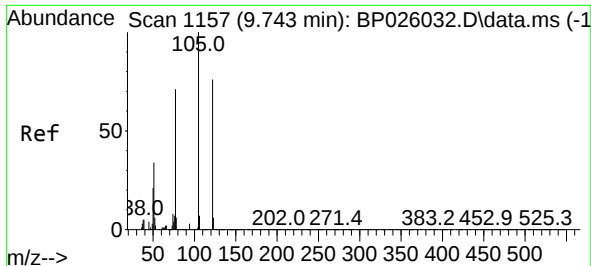
Tgt Ion: 82 Resp: 1442241
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.0 42.7 64.1



#26
2-Nitrophenol
Concen: 2.688 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion: 139 Resp: 73
Ion Ratio Lower Upper
139 100
109 172.4 24.8 37.2#
65 317.2 39.0 58.4#

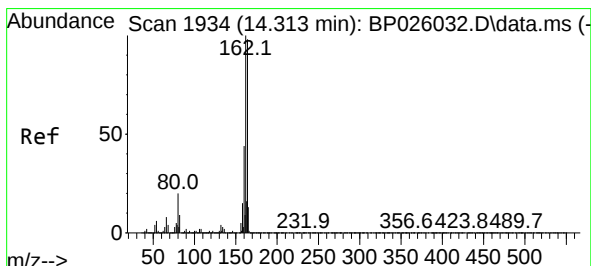
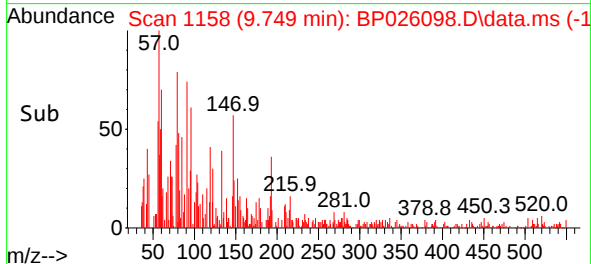
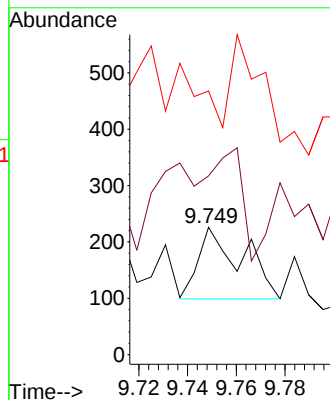
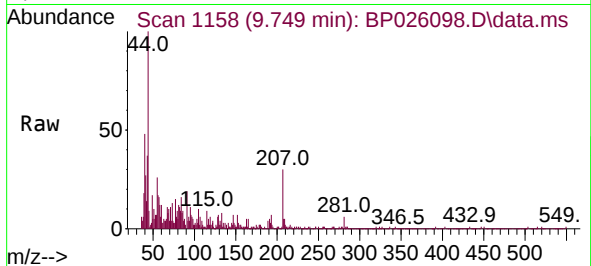




#32
Benzoic acid
Concen: 3.140 ng
RT: 9.749 min Scan# 1157
Delta R.T. -0.029 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

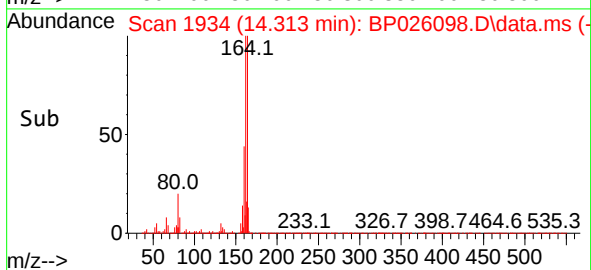
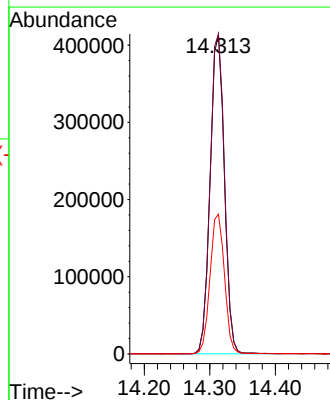
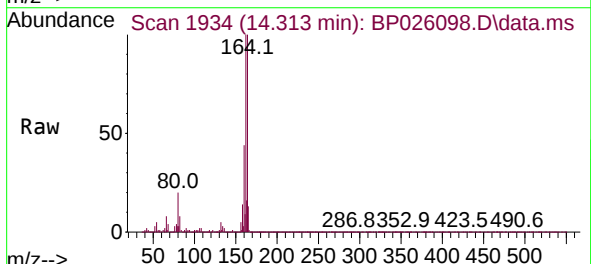
Instrument :
BNA_P
ClientSampleId :
SED-2

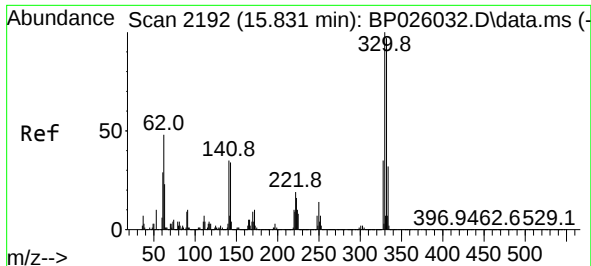
Tgt Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 140.3 104.8 144.8
77 207.1 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:164 Resp: 622887
Ion Ratio Lower Upper
164 100
162 100.3 81.5 122.3
160 43.8 36.2 54.4

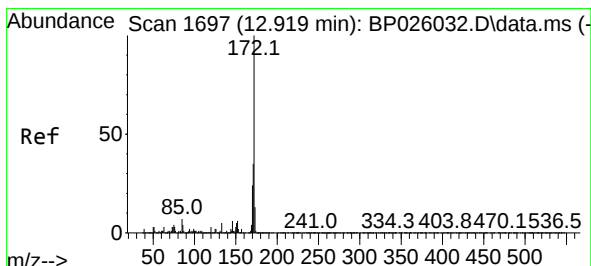
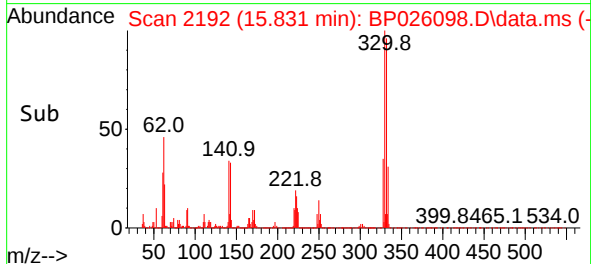
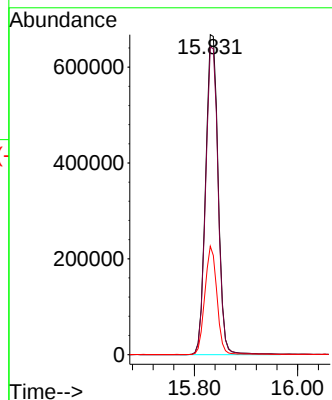
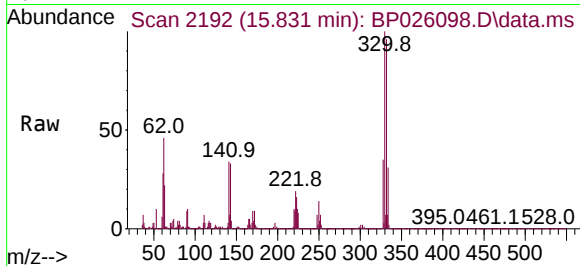




#42
2,4,6-Tribromophenol
Concen: 166.390 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

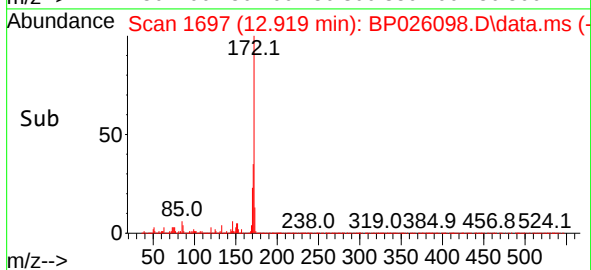
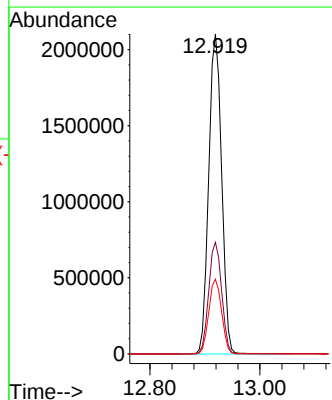
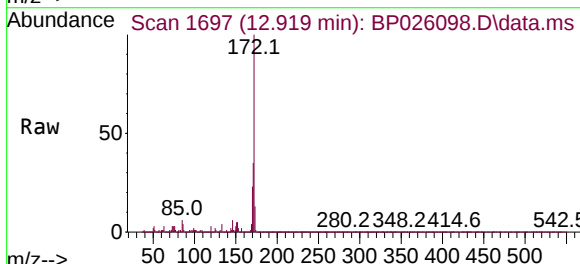
Instrument :
BNA_P
ClientSampleId :
SED-2

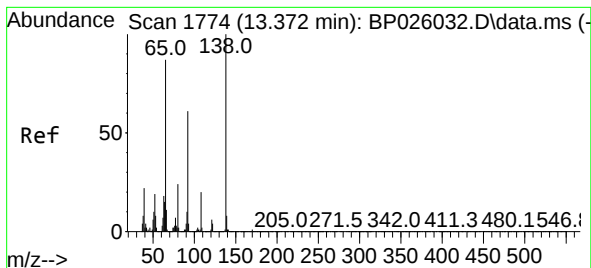
Tgt Ion:330 Resp: 1120470
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 32.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 79.089 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:172 Resp: 3428382
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 19.0 28.4





#48

2-Nitroaniline

Concen: 2.976 ng

RT: 13.366 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP026098.D

Acq: 11 Nov 2025 20:18

Instrument :

BNA_P

ClientSampleId :

SED-2

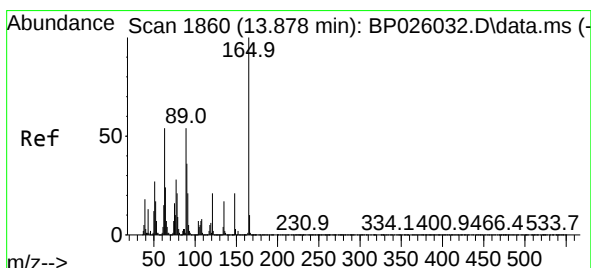
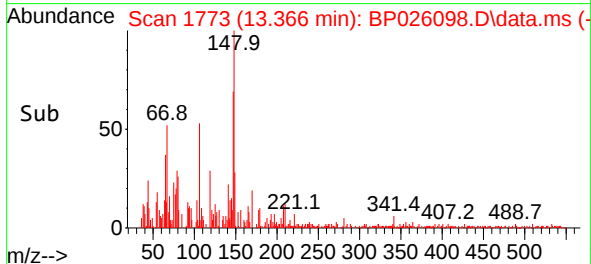
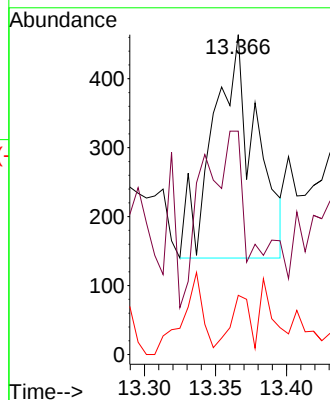
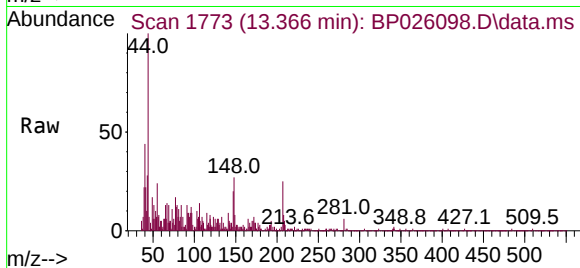
Tgt Ion: 65 Resp: 680

Ion Ratio Lower Upper

65 100

92 69.8 55.5 83.3

138 18.5 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 3.000 ng

RT: 13.654 min Scan# 1822

Delta R.T. -0.224 min

Lab File: BP026098.D

Acq: 11 Nov 2025 20:18

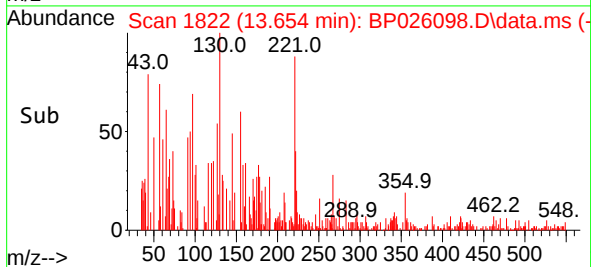
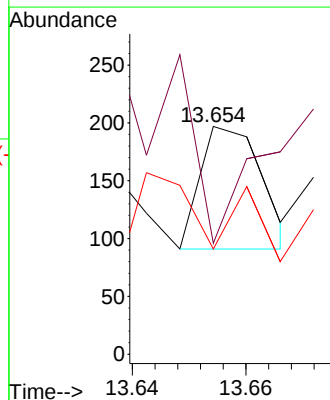
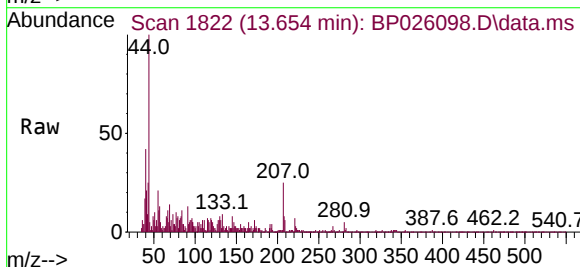
Tgt Ion: 165 Resp: 80

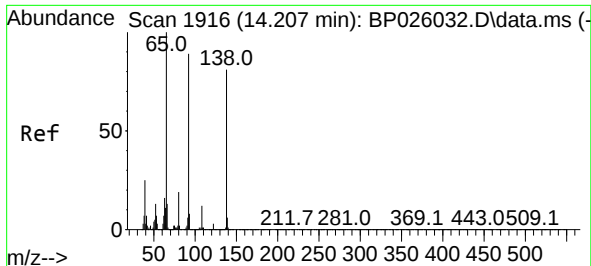
Ion Ratio Lower Upper

165 100

63 48.7 43.0 64.4

89 46.2 43.0 64.4

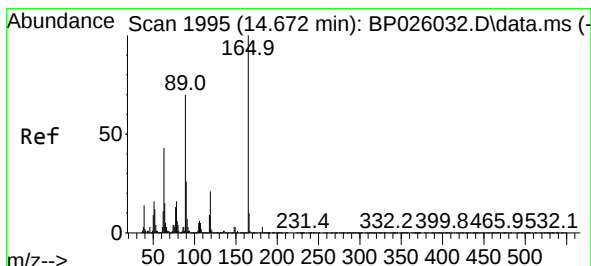
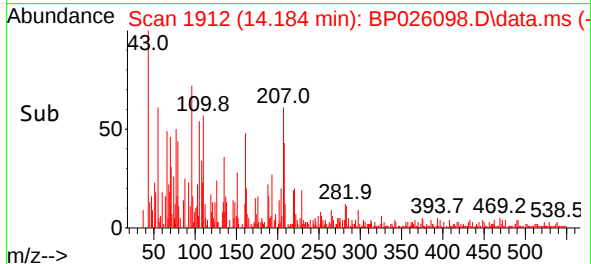
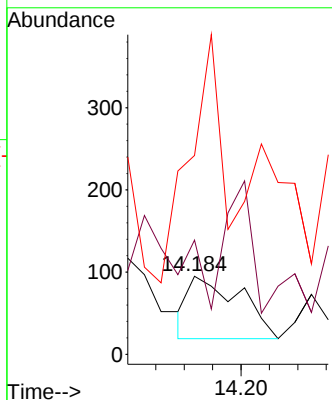
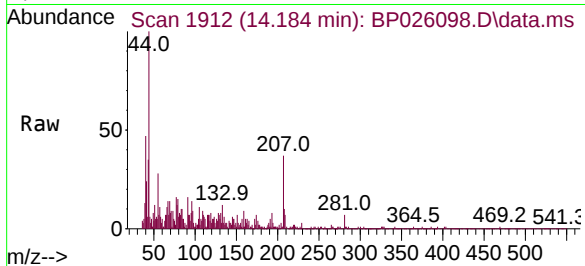




#53
3-Nitroaniline
Concen: 2.646 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.023 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

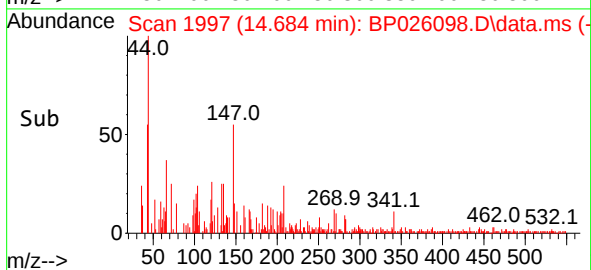
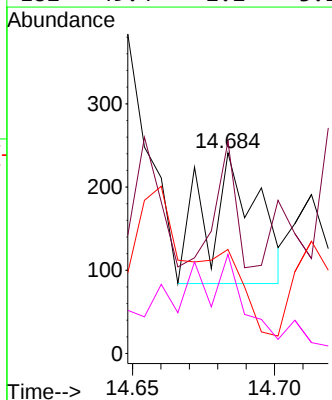
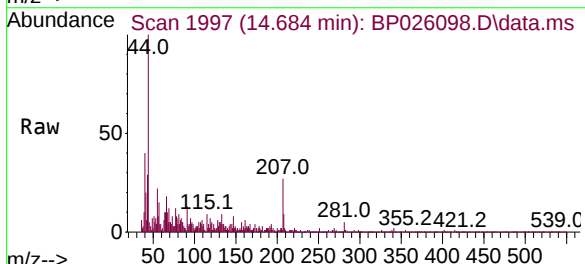
Instrument :
BNA_P
ClientSampleId :
SED-2

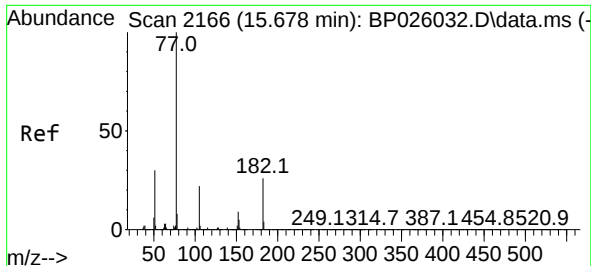
Tgt Ion:138 Resp: 96
Ion Ratio Lower Upper
138 100
108 146.3 11.4 17.0#
92 254.7 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.101 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:165 Resp: 195
Ion Ratio Lower Upper
165 100
63 105.8 34.2 51.2#
89 51.9 56.0 84.0#
182 49.4 2.2 3.2#

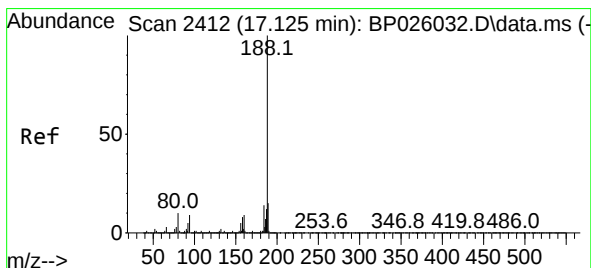
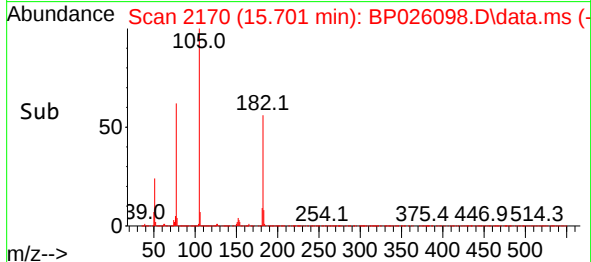
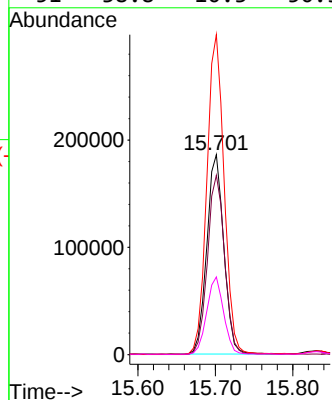
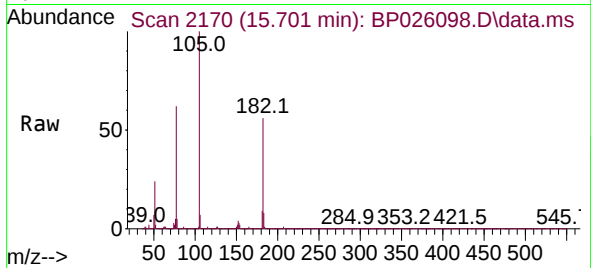




#63
Azobenzene
Concen: 6.881 ng
RT: 15.701 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

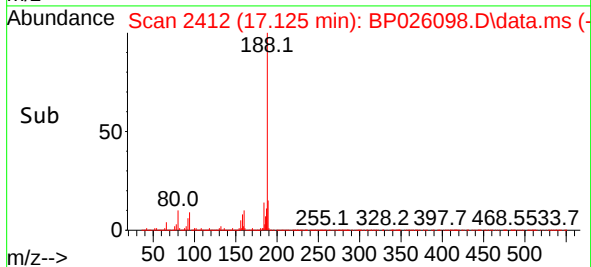
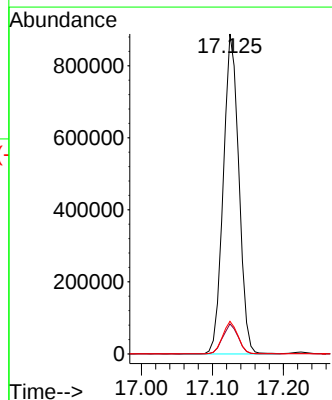
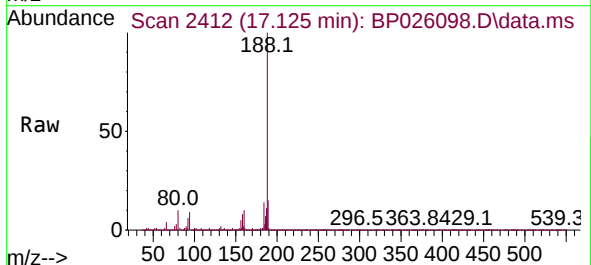
Instrument :
BNA_P
ClientSampleId :
SED-2

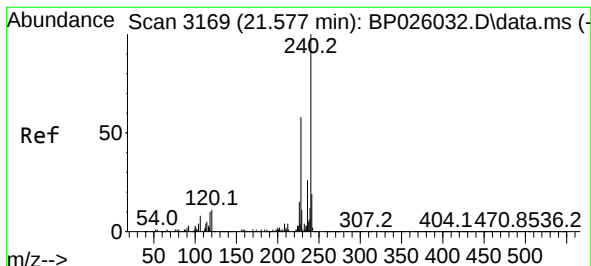
Tgt Ion: 77 Resp: 284038
Ion Ratio Lower Upper
77 100
182 89.7 6.4 46.4#
105 160.0 2.2 42.2#
51 38.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:188 Resp: 1353624
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 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: BP026098.D

Acq: 11 Nov 2025 20:18

Instrument :

BNA_P

ClientSampleId :

SED-2

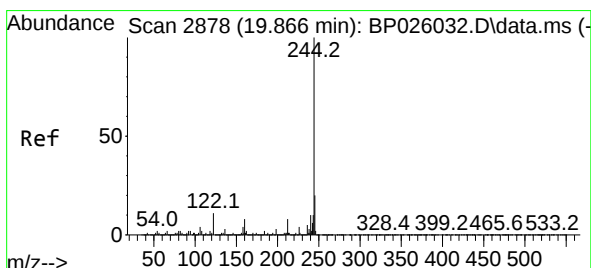
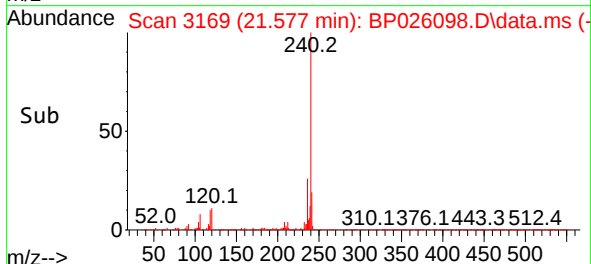
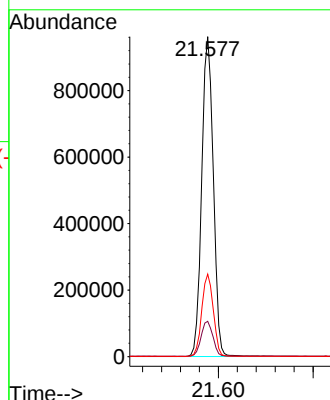
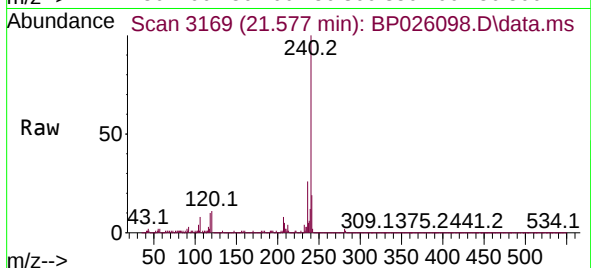
Tgt Ion:240 Resp: 1635330

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 75.462 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026098.D

Acq: 11 Nov 2025 20:18

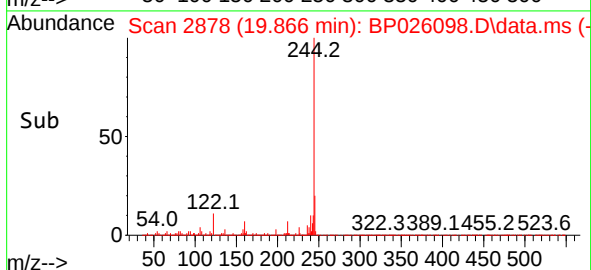
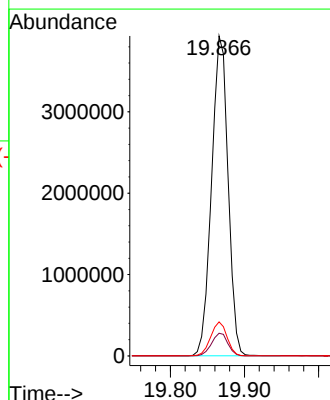
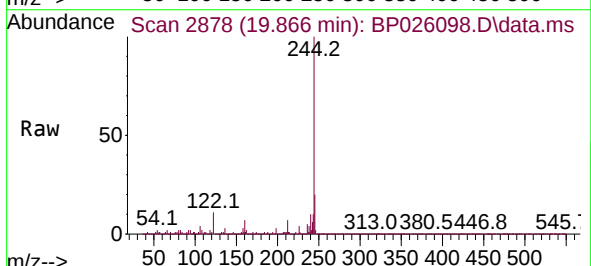
Tgt Ion:244 Resp: 6074059

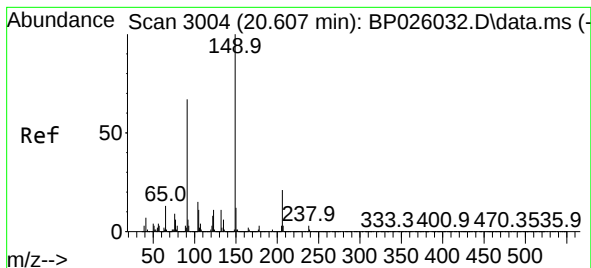
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.6 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.446 ng

RT: 20.601 min Scan# 3004

Delta R.T. -0.006 min

Lab File: BP026098.D

Acq: 11 Nov 2025 20:18

Instrument :

BNA_P

ClientSampleId :

SED-2

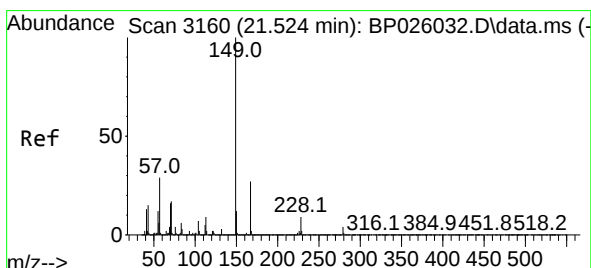
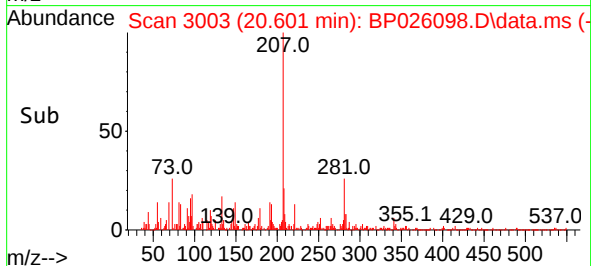
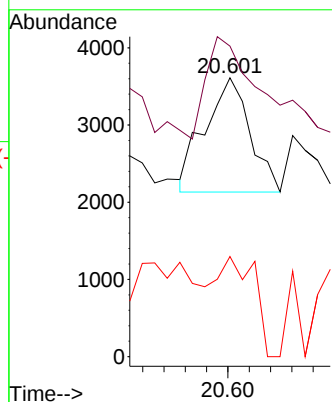
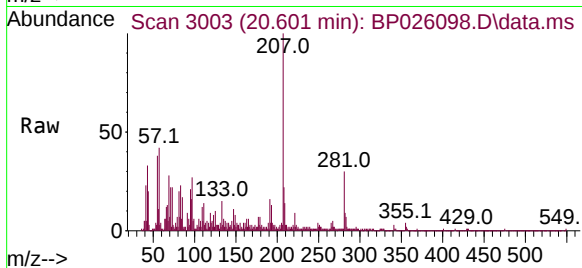
Tgt Ion:149 Resp: 2177

Ion Ratio Lower Upper

149 100

91 111.4 53.5 80.3#

206 35.9 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.332 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.001 min

Lab File: BP026098.D

Acq: 11 Nov 2025 20:18

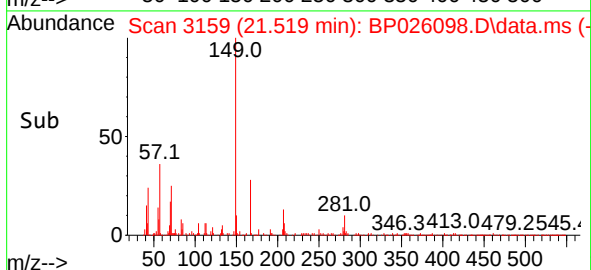
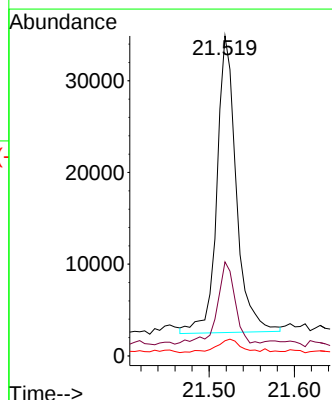
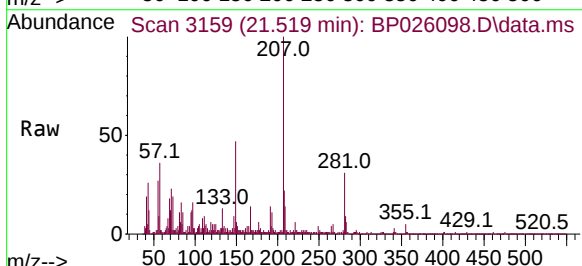
Tgt Ion:149 Resp: 51211

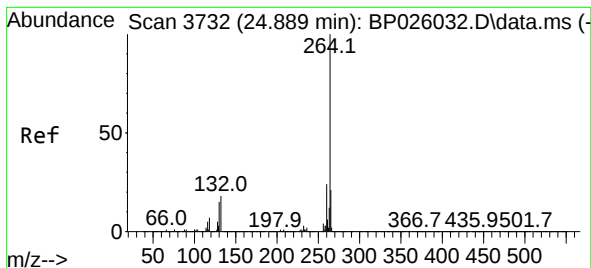
Ion Ratio Lower Upper

149 100

167 29.4 21.5 32.3

279 4.7 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: BP026098.D

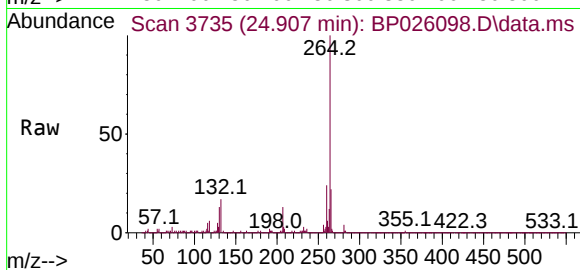
Acq: 11 Nov 2025 20:18

Instrument :

BNA_P

ClientSampleId :

SED-2



Tgt Ion:264 Resp: 1941015

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.3 17.2 25.8

