

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
 Data File : BP026131.D
 Acq On : 13 Nov 2025 17:00
 Operator : RC/JU
 Sample : Q3609-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-713-COMP-01

Quant Time: Nov 13 17:44:08 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)

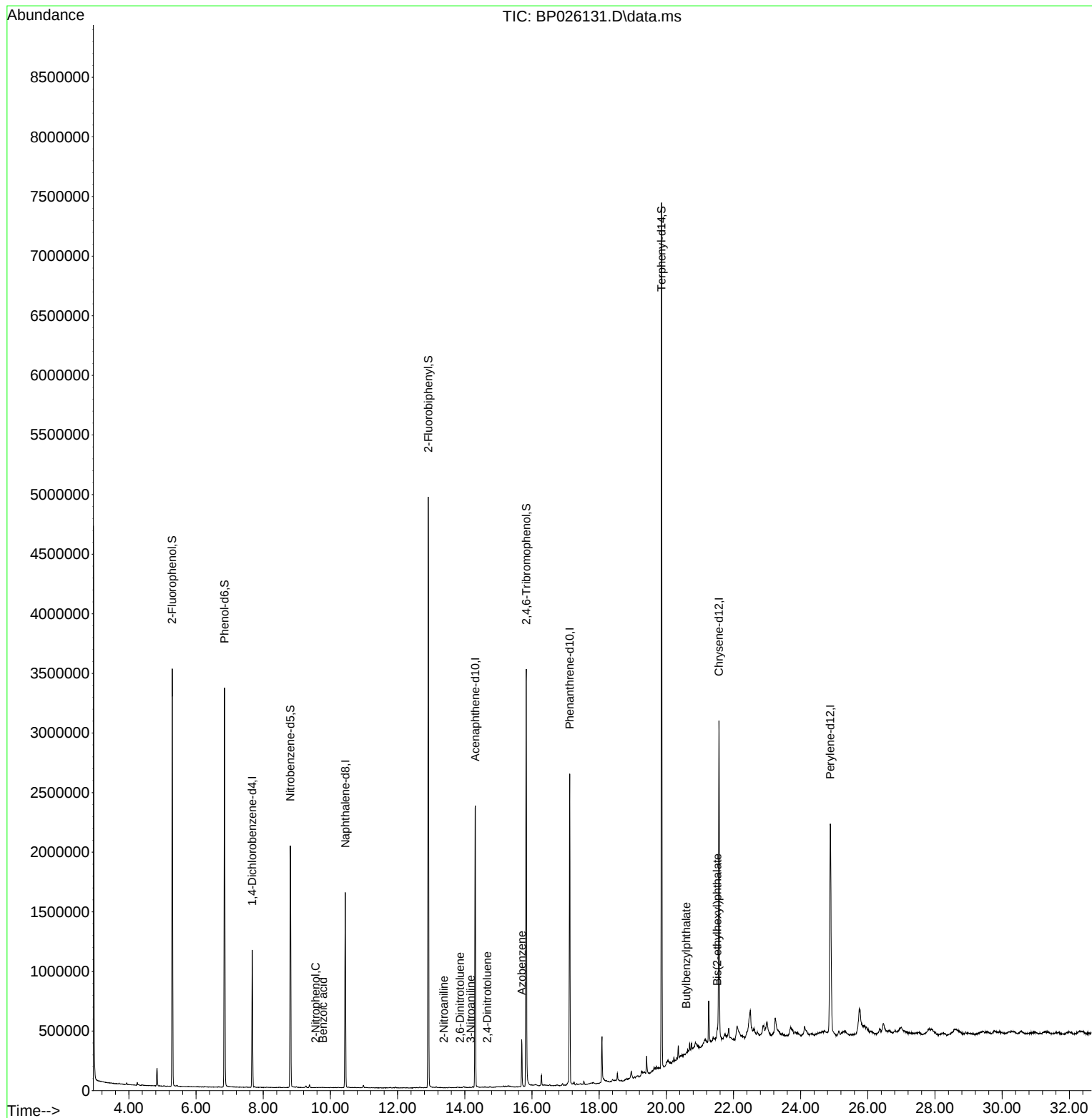
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	332891	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1289029	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	812693	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1612520	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1679136	20.000	ng	0.00
86) Perylene-d12	24.883	264	1877181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1568386	77.743	ng	0.00
7) Phenol-d6	6.849	99	1965180	76.533	ng	0.00
23) Nitrobenzene-d5	8.808	82	1152162	55.721	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	773984	88.093	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	2614568	46.228	ng	-0.02
79) Terphenyl-d14	19.860	244	3780295	45.740	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.560	139	22	2.680	ng	# 1
32) Benzoic acid	9.778	122	148	3.133	ng	# 1
48) 2-Nitroaniline	13.378	65	68	2.915	ng	# 34
51) 2,6-Dinitrotoluene	13.860	165	200	3.008	ng	# 75
53) 3-Nitroaniline	14.178	138	66	2.642	ng	# 7
57) 2,4-Dinitrotoluene	14.672	165	65	3.091	ng	# 38
63) Azobenzene	15.695	77	108317	2.011	ng	# 1
80) Butylbenzylphthalate	20.595	149	671	3.412	ng	# 72
84) Bis(2-ethylhexyl)phtha...	21.513	149	11288	2.755	ng	# 88

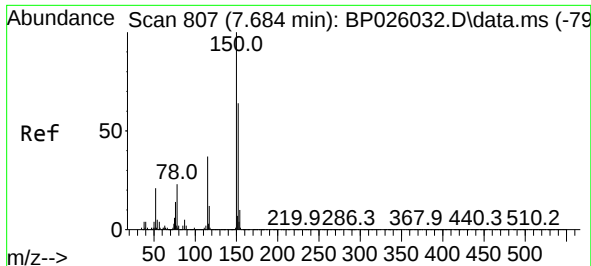
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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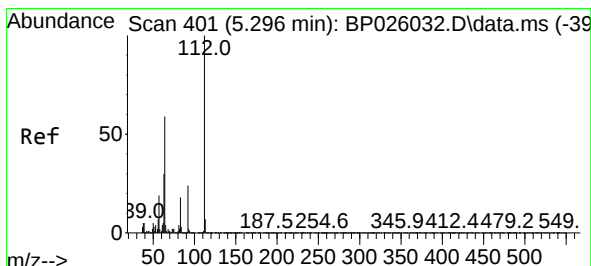
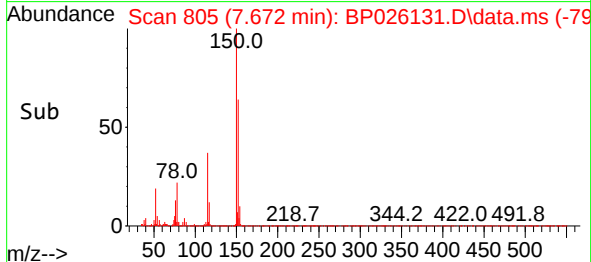
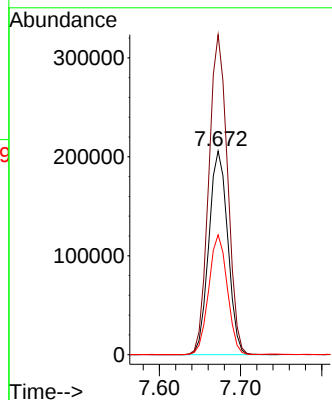
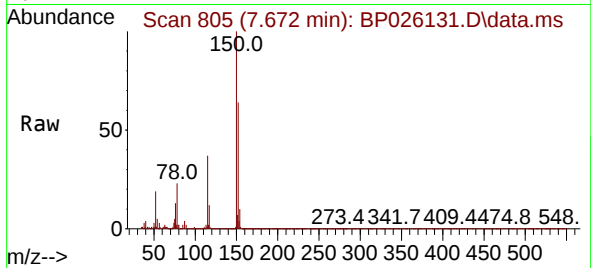




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

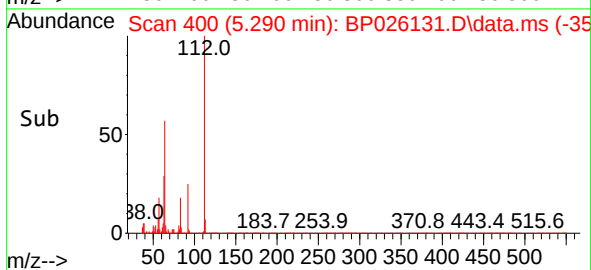
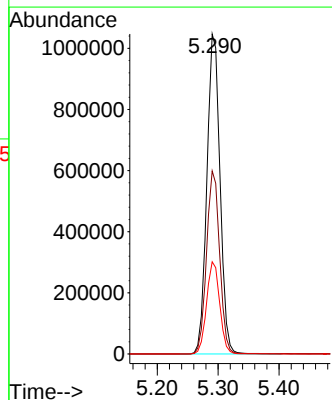
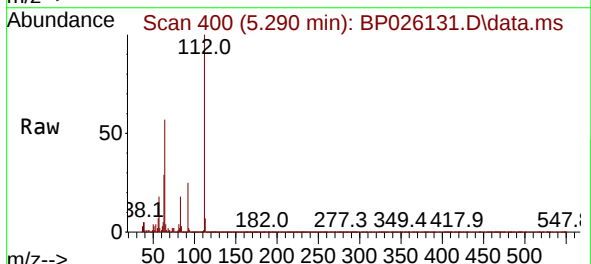
Instrument :
BNA_P
ClientSampleId :
AU-713-COMP-01

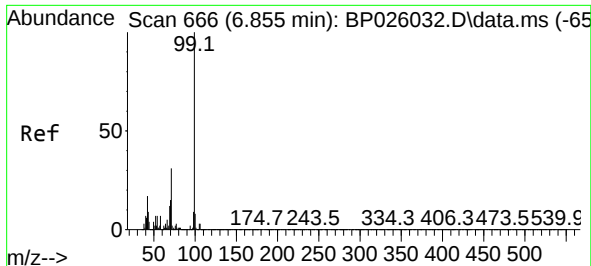
Tgt Ion:152 Resp: 332891
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.9 46.4 69.6



#5
2-Fluorophenol
Concen: 77.743 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

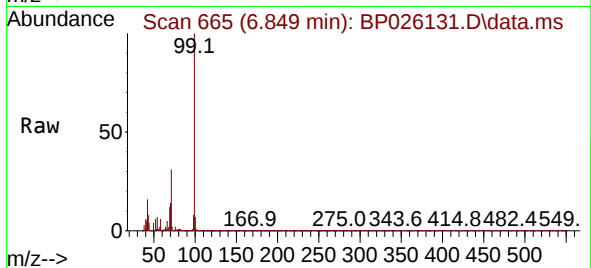
Tgt Ion:112 Resp: 1568386
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.2
63 28.8 24.2 36.4





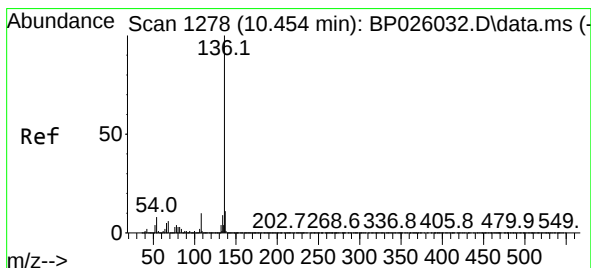
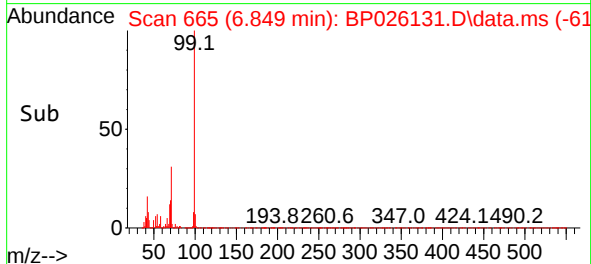
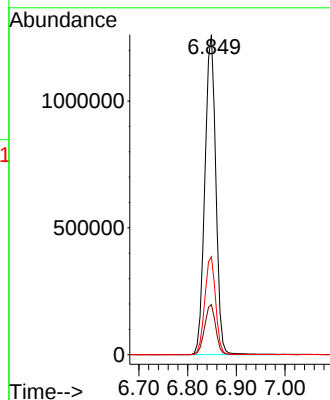
#7
Phenol-d6
Concen: 76.533 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Instrument :
BNA_P
ClientSampleId :
AU-713-COMP-01



Tgt Ion: 99 Resp: 1965180

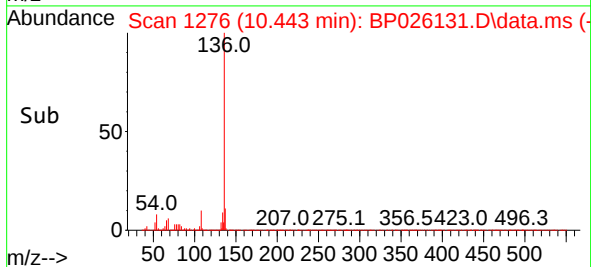
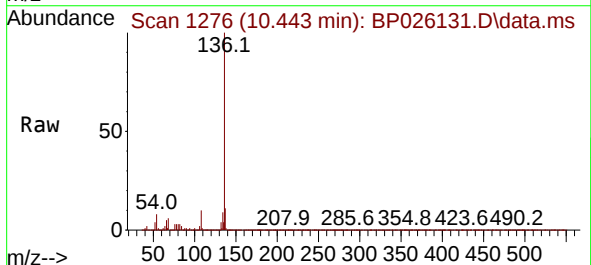
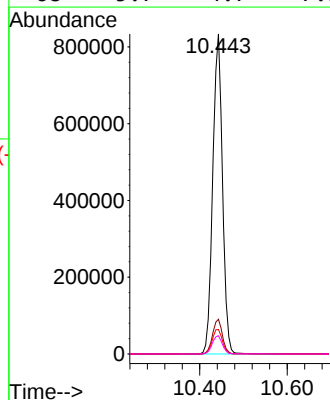
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	30.6	24.4	36.6

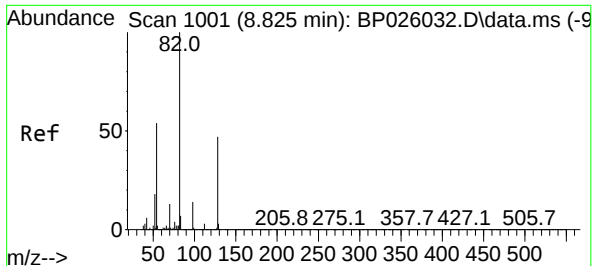


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Tgt Ion:136 Resp: 1289029

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.6	10.0
68	5.7	4.7	7.1

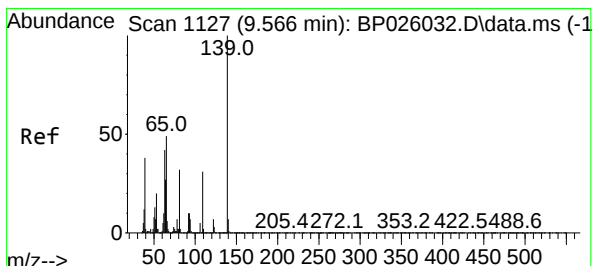
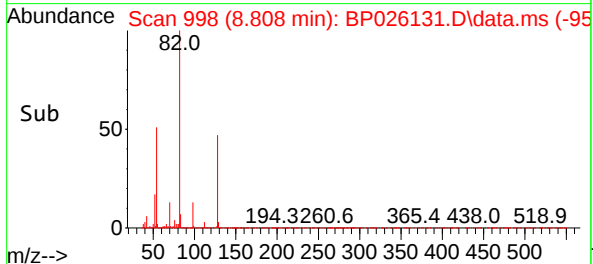
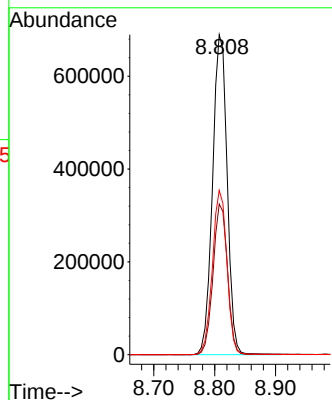
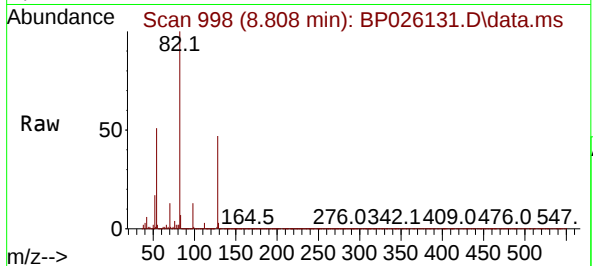




#23
Nitrobenzene-d5
Concen: 55.721 ng
RT: 8.808 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

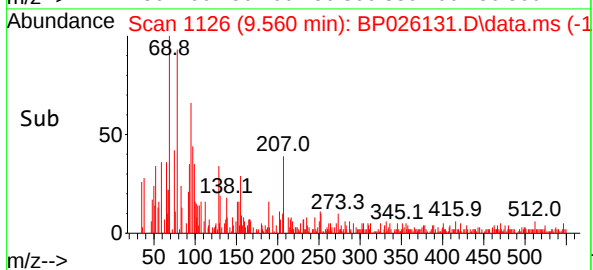
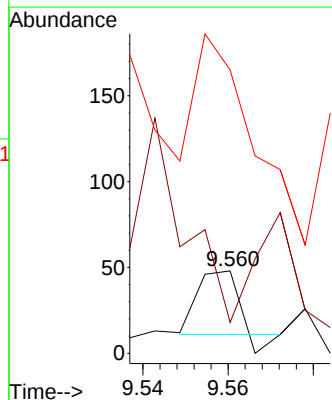
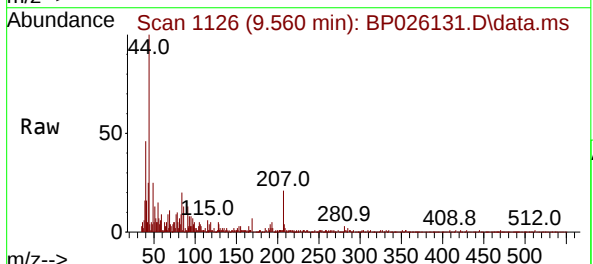
Instrument :
BNA_P
ClientSampleId :
AU-713-COMP-01

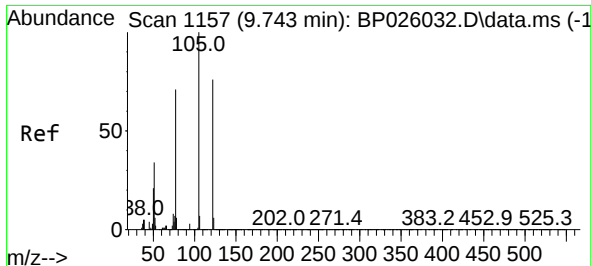
Tgt Ion: 82 Resp: 1152162
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 51.4 42.7 64.1



#26
2-Nitrophenol
Concen: 2.680 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 37.5 24.8 37.2#
65 343.8 39.0 58.4#

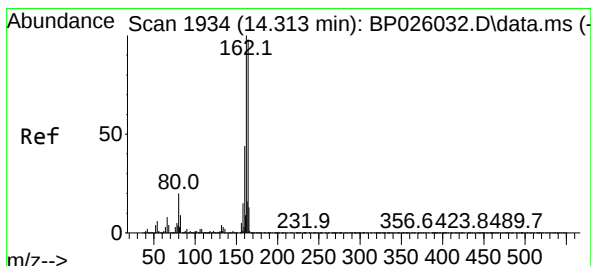
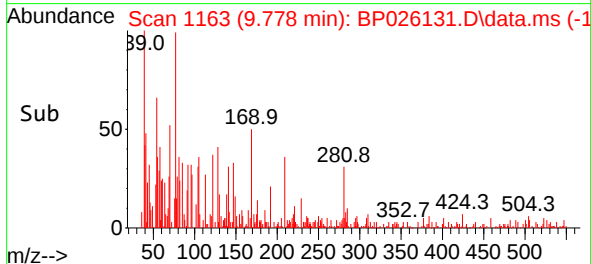
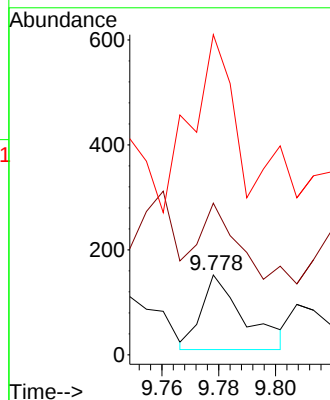
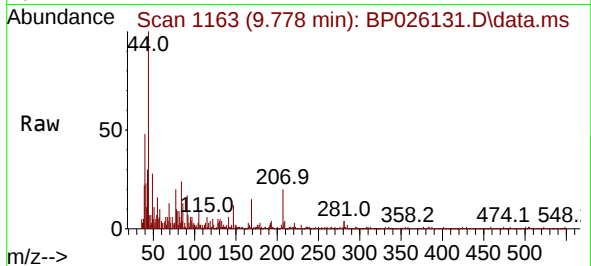




#32
Benzoic acid
Concen: 3.133 ng
RT: 9.778 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

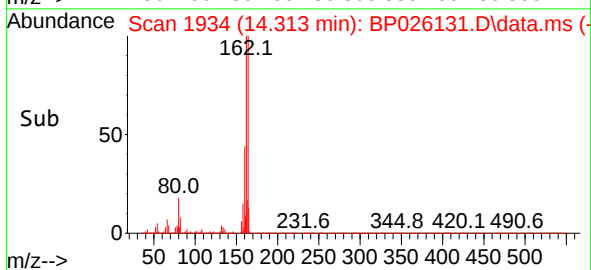
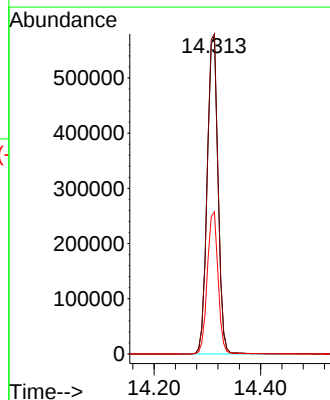
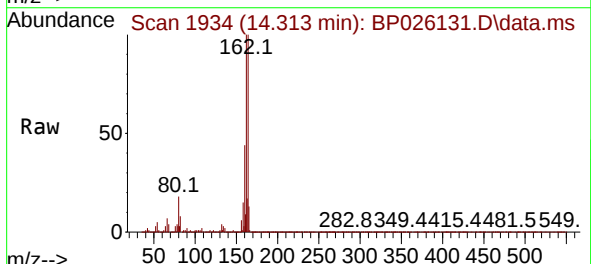
Instrument :
BNA_P
ClientSampleId :
AU-713-COMP-01

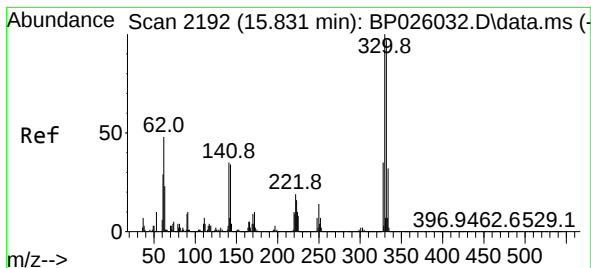
Tgt Ion:122 Resp: 148
Ion Ratio Lower Upper
122 100
105 190.1 104.8 144.8#
77 401.3 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Tgt Ion:164 Resp: 812693
Ion Ratio Lower Upper
164 100
162 100.3 81.5 122.3
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 88.093 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

Instrument :

BNA_P

ClientSampleId :

AU-713-COMP-01

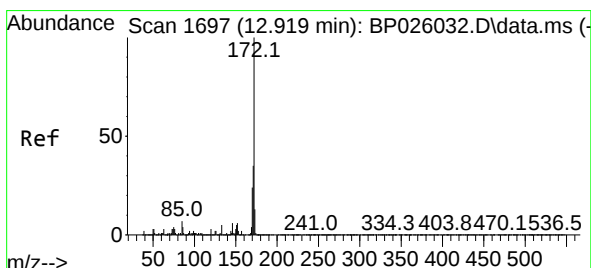
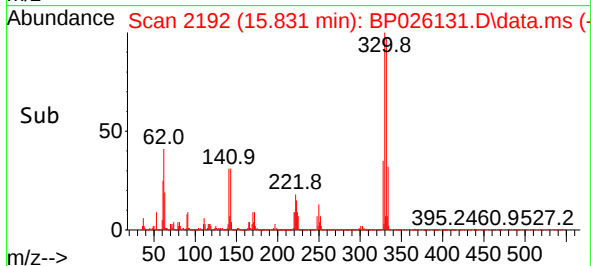
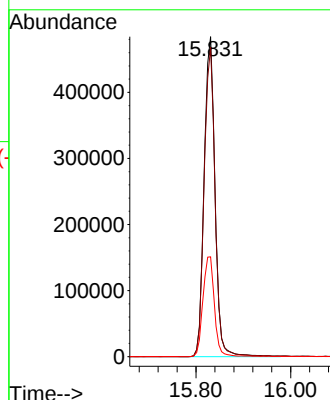
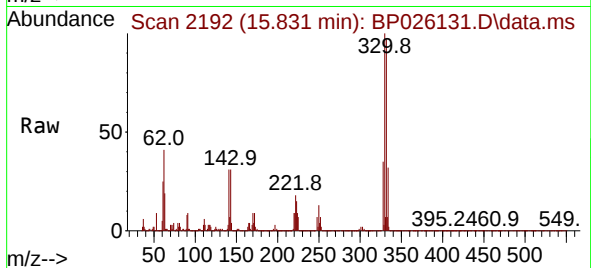
Tgt Ion:330 Resp: 773984

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.9 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 46.228 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

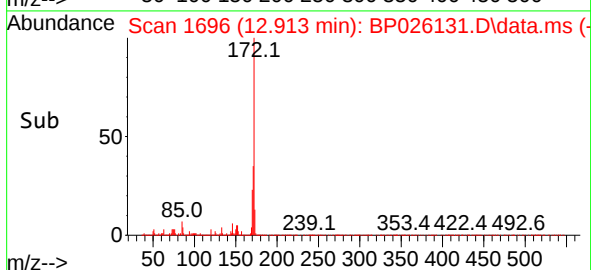
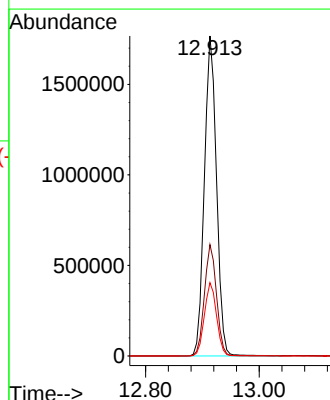
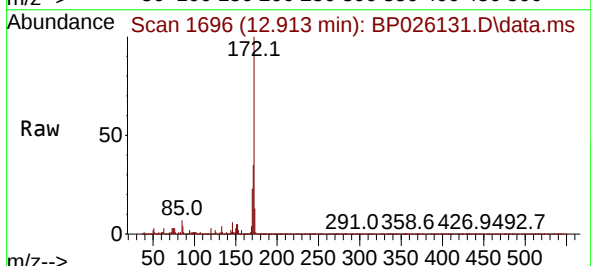
Tgt Ion:172 Resp: 2614568

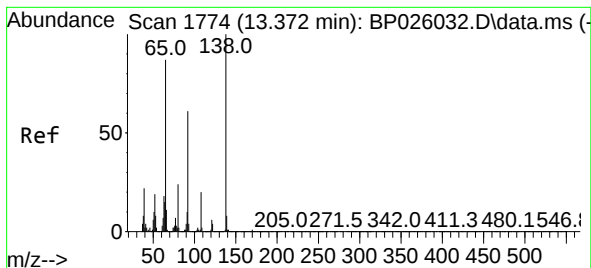
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.9 19.0 28.4





#48

2-Nitroaniline

Concen: 2.915 ng

RT: 13.378 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

Instrument :

BNA_P

ClientSampleId :

AU-713-COMP-01

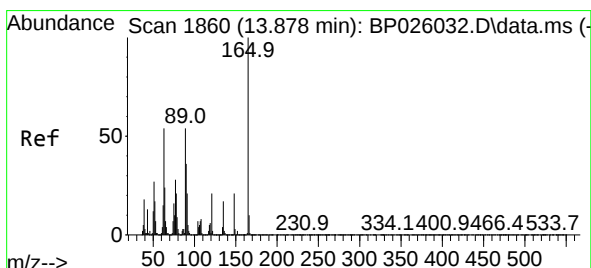
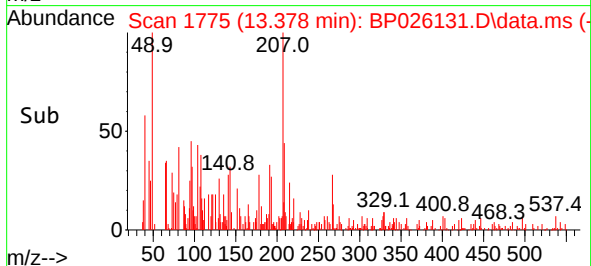
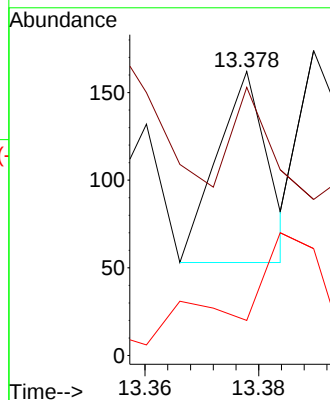
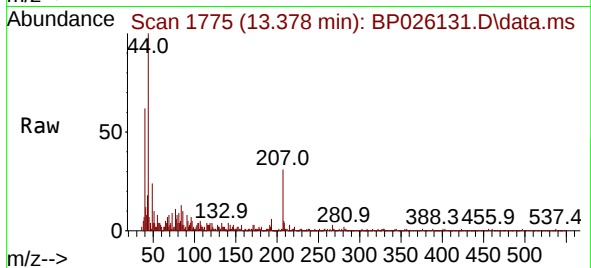
Tgt Ion: 65 Resp: 68

Ion Ratio Lower Upper

65 100

92 94.4 55.5 83.3#

138 19.8 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 3.008 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.018 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

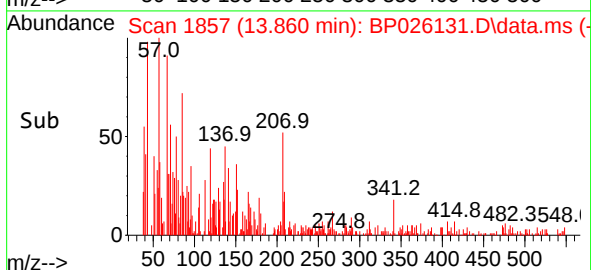
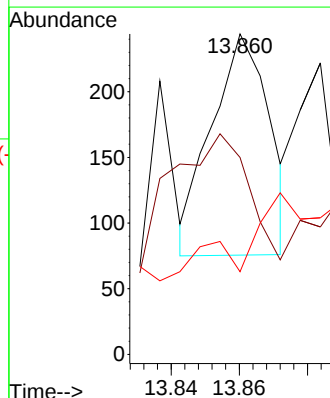
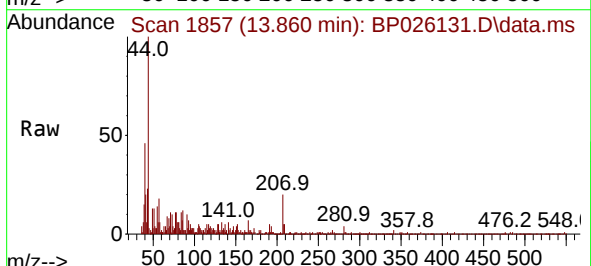
Tgt Ion: 165 Resp: 200

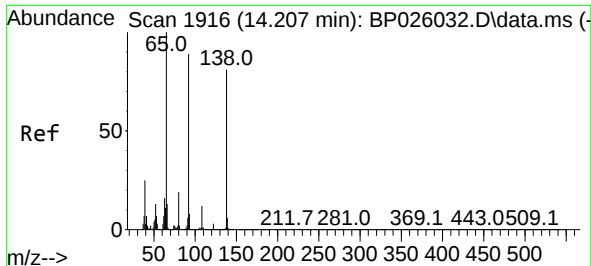
Ion Ratio Lower Upper

165 100

63 61.5 43.0 64.4

89 25.8 43.0 64.4#

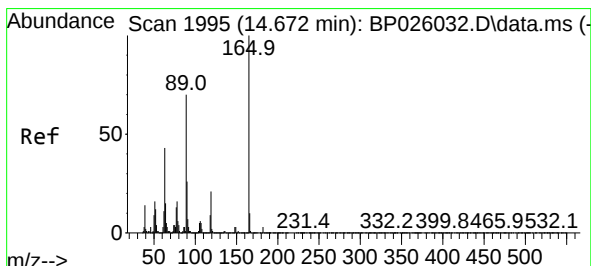
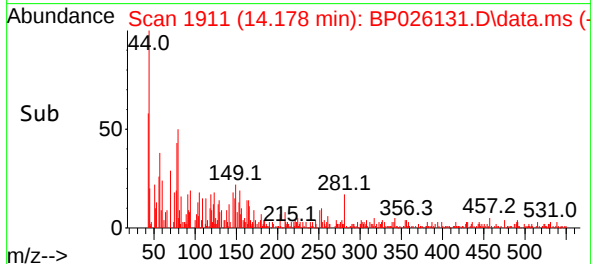
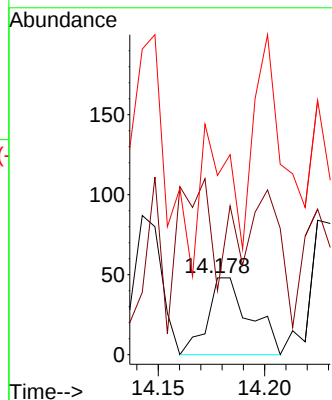
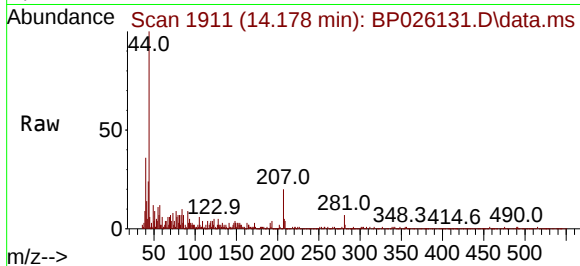




#53
3-Nitroaniline
Concen: 2.642 ng
RT: 14.178 min Scan# 1916
Delta R.T. -0.029 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

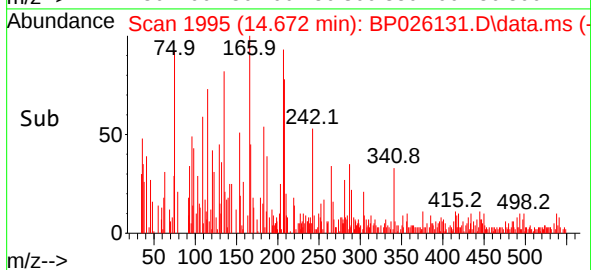
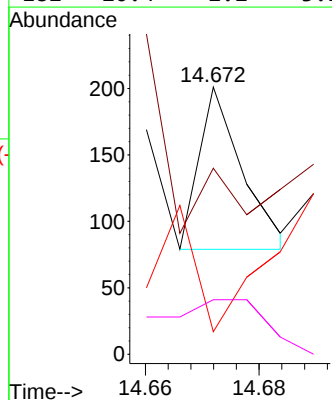
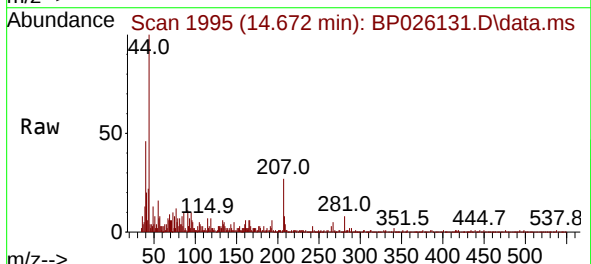
Instrument :
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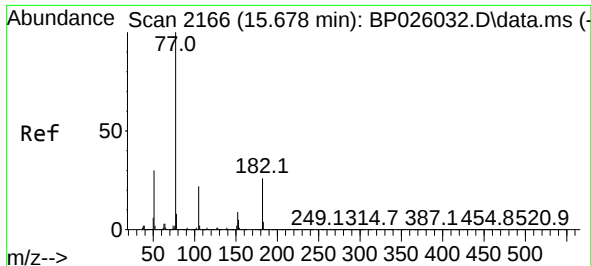
Tgt Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
108 71.4 11.4 17.0#
92 200.0 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Tgt Ion:165 Resp: 65
Ion Ratio Lower Upper
165 100
63 69.7 34.2 51.2#
89 8.5 56.0 84.0#
182 20.4 2.2 3.2#

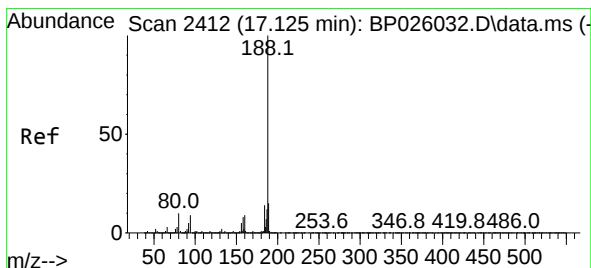
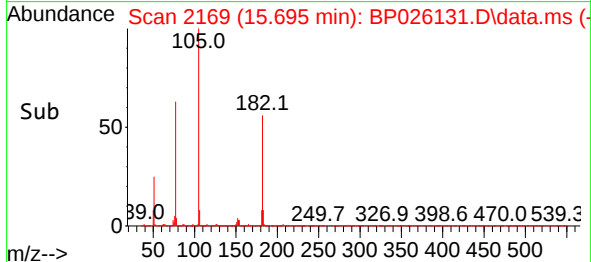
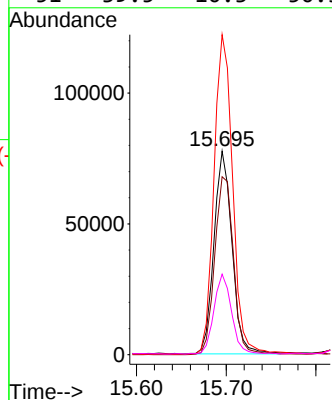
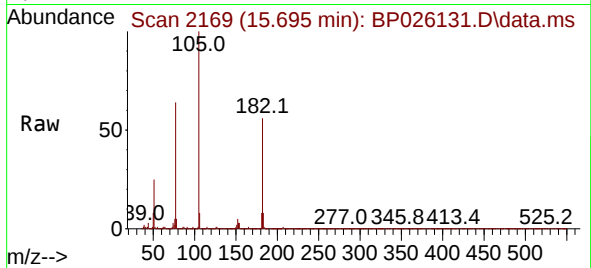




#63
Azobenzene
Concen: 2.011 ng
RT: 15.695 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

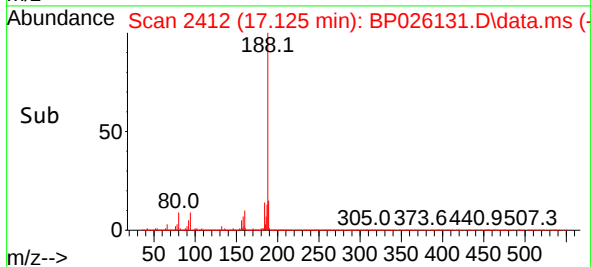
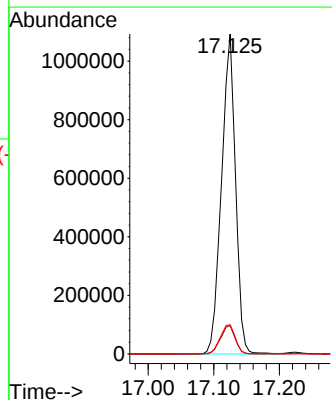
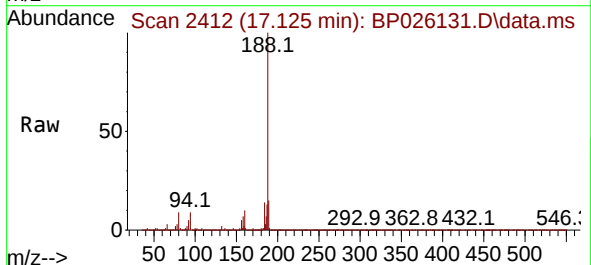
Instrument :
BNA_P
ClientSampleId :
AU-713-COMP-01

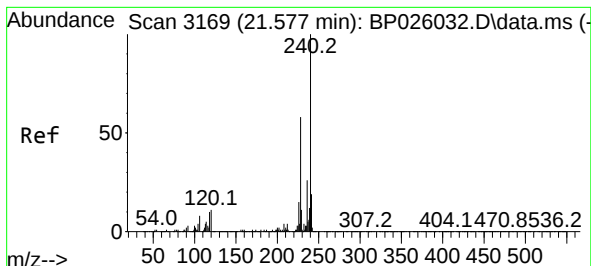
Tgt Ion: 77 Resp: 108317
Ion Ratio Lower Upper
77 100
182 87.4 6.4 46.4#
105 157.2 2.2 42.2#
51 39.5 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026131.D
Acq: 13 Nov 2025 17:00

Tgt Ion: 188 Resp: 1612520
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3169

Delta R.T. 0.000 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

Instrument :

BNA_P

ClientSampleId :

AU-713-COMP-01

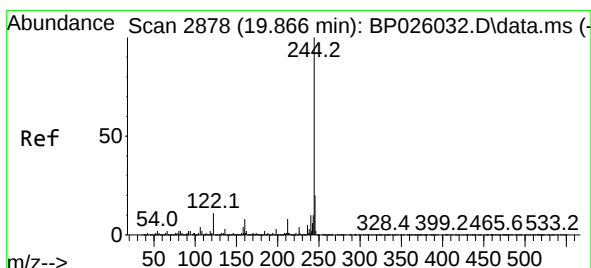
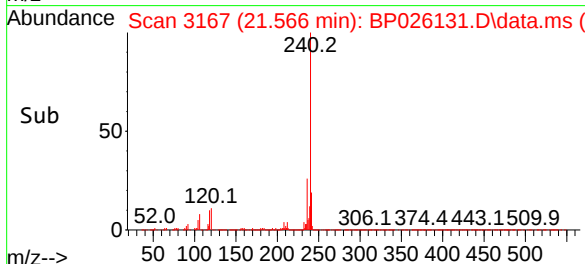
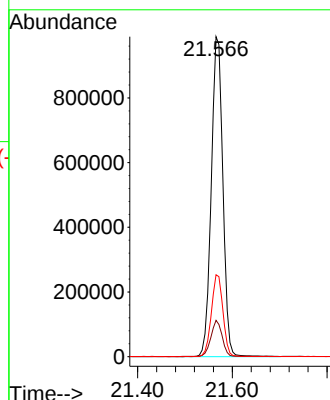
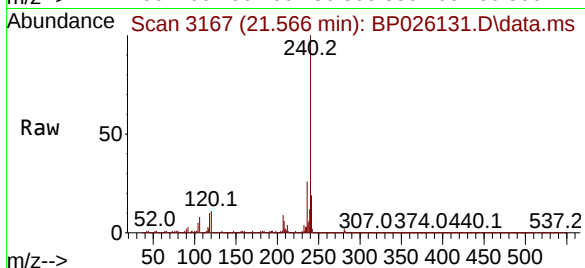
Tgt Ion:240 Resp: 1679136

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 45.740 ng

RT: 19.860 min Scan# 2877

Delta R.T. -0.006 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

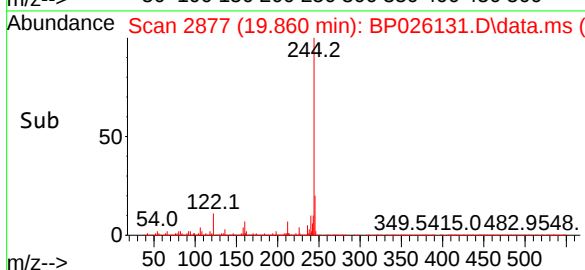
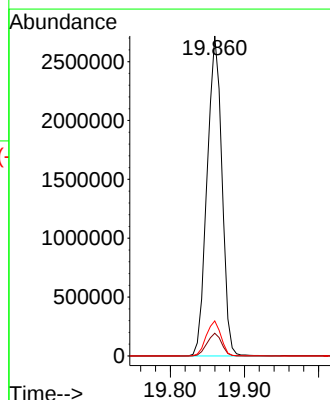
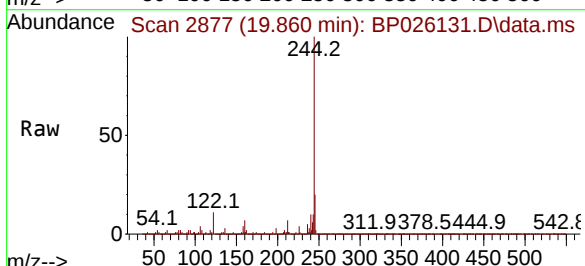
Tgt Ion:244 Resp: 3780295

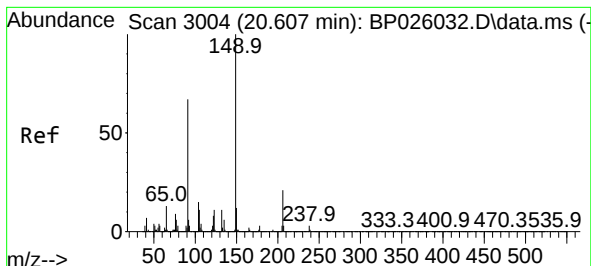
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.412 ng

RT: 20.595 min Scan# 3002

Delta R.T. -0.012 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

Instrument :

BNA_P

ClientSampleId :

AU-713-COMP-01

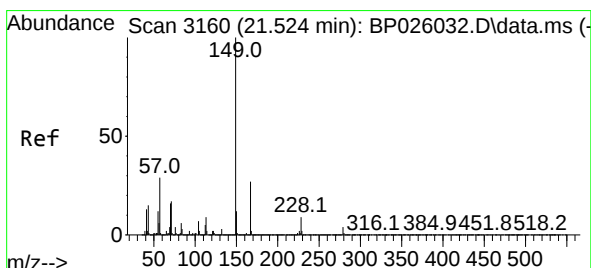
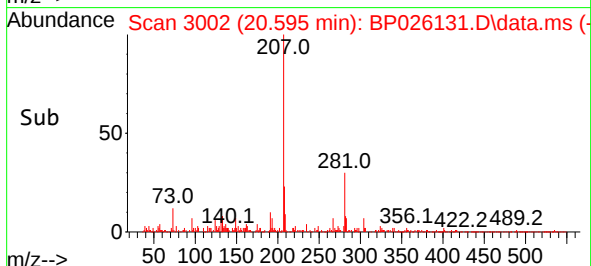
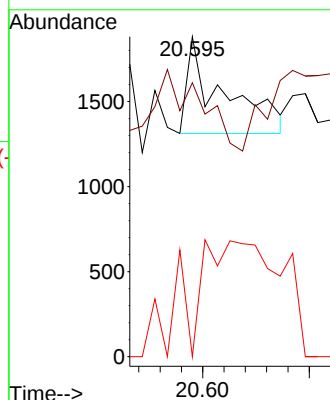
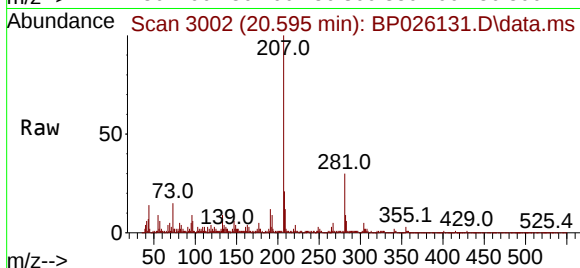
Tgt Ion:149 Resp: 671

Ion Ratio Lower Upper

149 100

91 85.6 53.5 80.3#

206 0.0 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.755 ng

RT: 21.513 min Scan# 3158

Delta R.T. -0.005 min

Lab File: BP026131.D

Acq: 13 Nov 2025 17:00

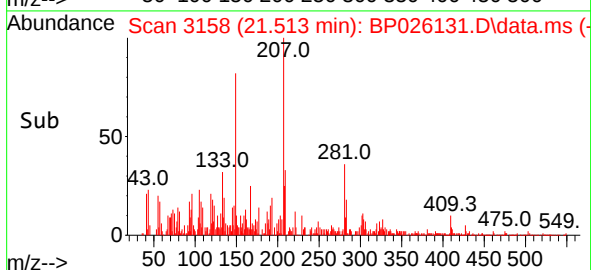
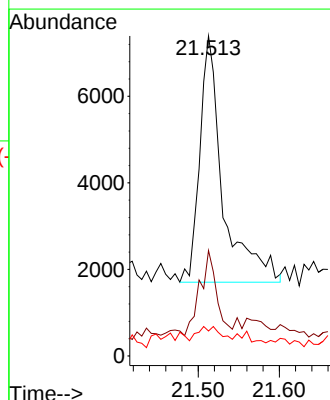
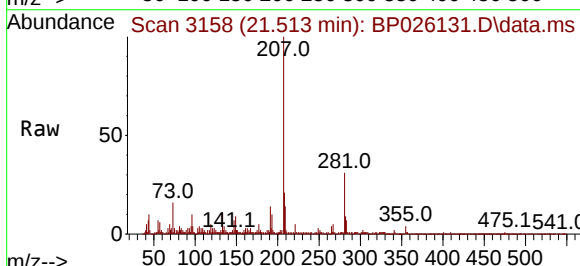
Tgt Ion:149 Resp: 11288

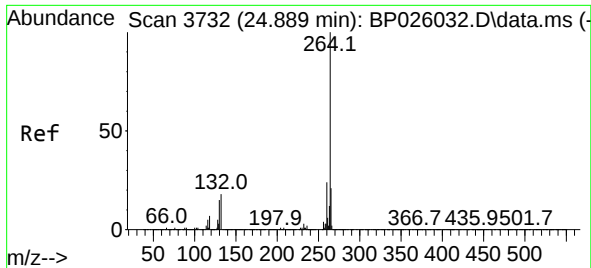
Ion Ratio Lower Upper

149 100

167 33.0 21.5 32.3#

279 7.8 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.883 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP026131.D
 Acq: 13 Nov 2025 17:00

Instrument :
 BNA_P
 ClientSampleId :
 AU-713-COMP-01

Tgt Ion:264 Resp: 1877181
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 17.2 25.8

