

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026043.D
 Acq On : 30 Oct 2025 15:01
 Operator : RC/JU
 Sample : Q3472-114DL 500X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 155DL

Quant Time: Oct 30 15:31:11 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)

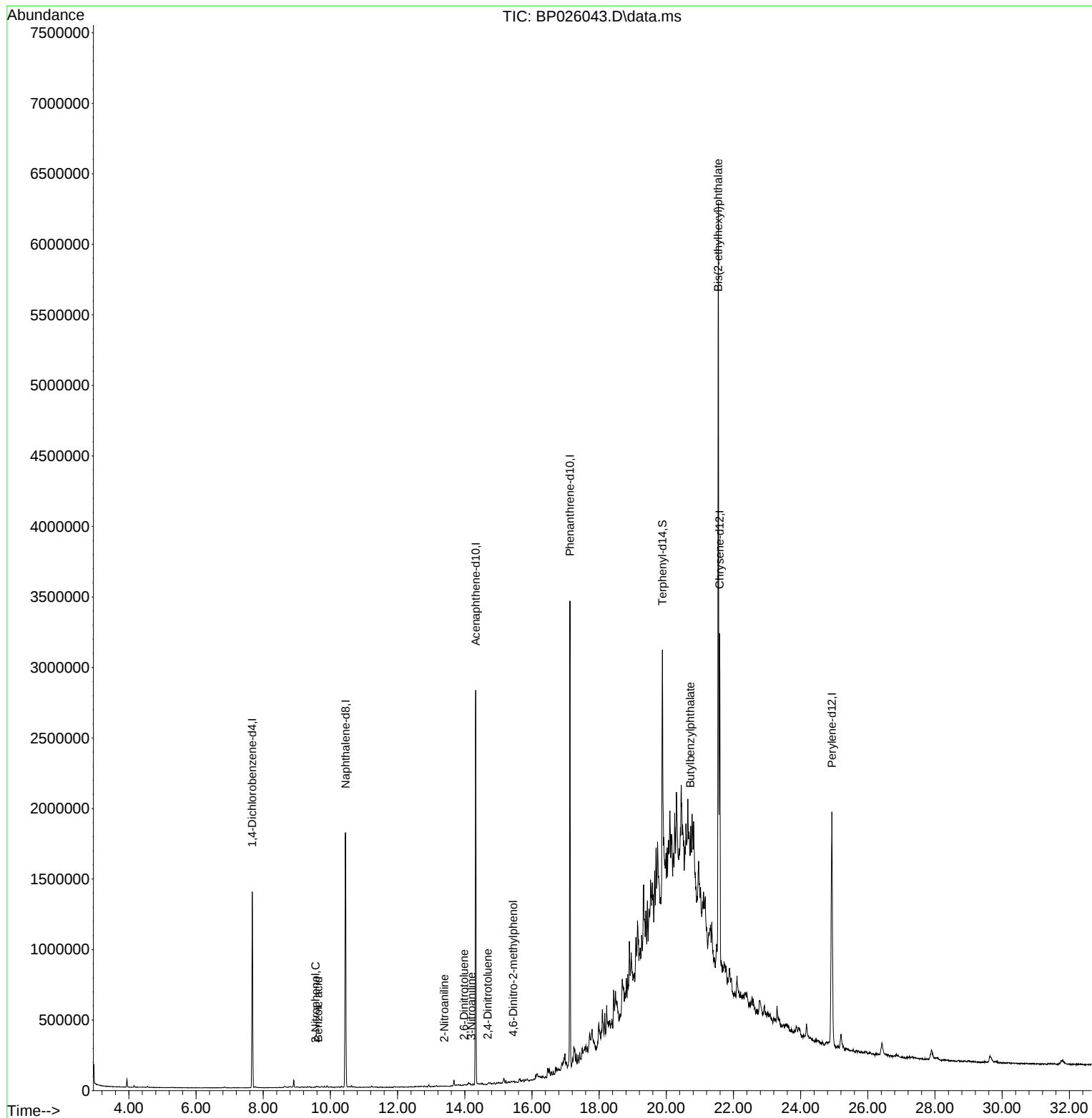
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	395850	20.000	ng	-0.02
21) Naphthalene-d8	10.449	136	1583930	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	928781	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1851583	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1497140	20.000	ng	0.02
86) Perylene-d12	24.930	264	1704730	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1861	0.078	ng	0.00
7) Phenol-d6	6.837	99	3015	0.099	ng	-0.02
23) Nitrobenzene-d5	8.808	82	2089	0.082	ng	-0.02
42) 2,4,6-Tribromophenol	15.837	330	924	0.092	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	7574	0.117	ng	0.00
79) Terphenyl-d14	19.884	244	922451	12.518	ng	0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.561	139	78	2.685	ng	# 1
32) Benzoic acid	9.637	122	929	3.203	ng	96
48) 2-Nitroaniline	13.390	65	146	2.919	ng	# 41
51) 2,6-Dinitrotoluene	13.978	165	56	2.995	ng	89
53) 3-Nitroaniline	14.196	138	474	2.667	ng	# 83
57) 2,4-Dinitrotoluene	14.684	165	95	3.092	ng	# 55
65) 4,6-Dinitro-2-methylph...	15.443	198	796	2.108	ng	# 1
80) Butylbenzylphthalate	20.719	149	1170	3.426	ng	87
84) Bis(2-ethylhexyl)phtha...	21.548	149	2398131	40.192	ng	99

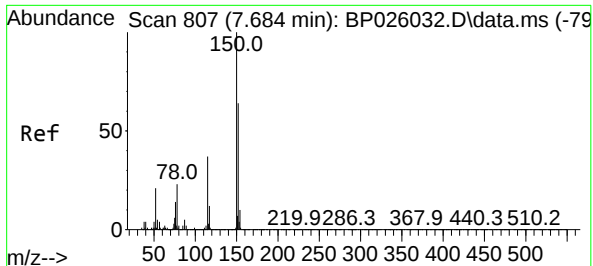
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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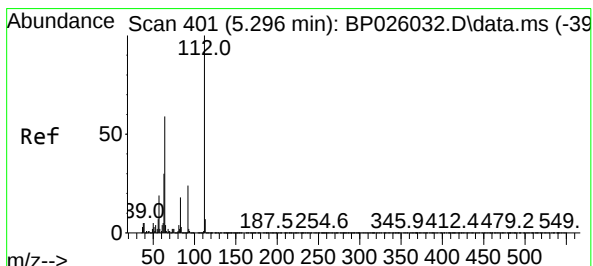
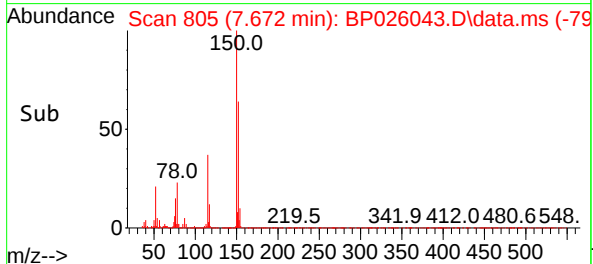
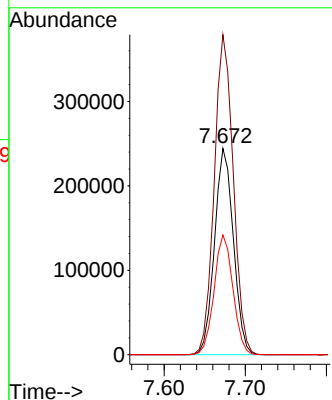
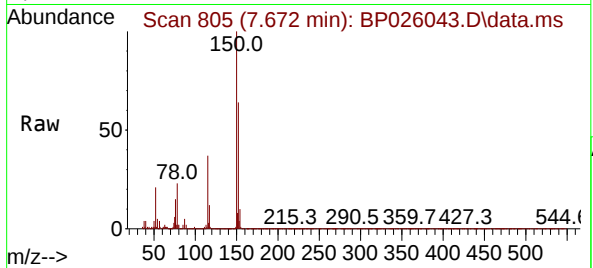




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 807
 Delta R.T. -0.018 min
 Lab File: BP026043.D
 Acq: 30 Oct 2025 15:01

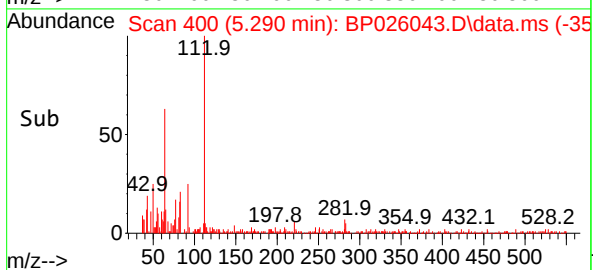
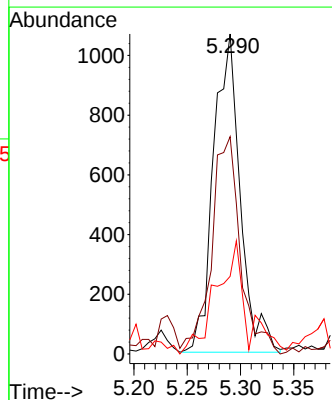
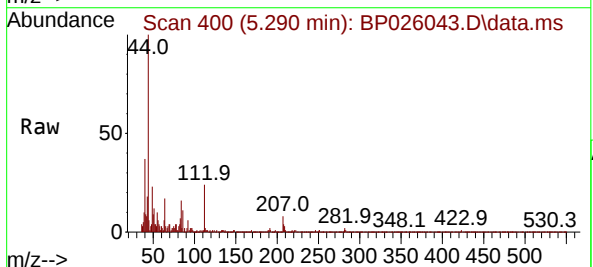
Instrument :
 BNA_P
 ClientSampleId :
 155DL

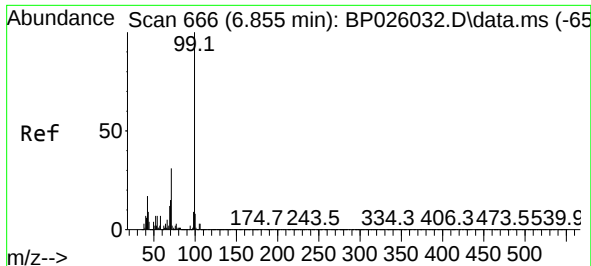
Tgt Ion:152 Resp: 395850
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.7 188.5
 115 58.0 46.4 69.6



#5
 2-Fluorophenol
 Concen: 0.078 ng
 RT: 5.290 min Scan# 400
 Delta R.T. -0.005 min
 Lab File: BP026043.D
 Acq: 30 Oct 2025 15:01

Tgt Ion:112 Resp: 1861
 Ion Ratio Lower Upper
 112 100
 64 67.9 47.4 71.2
 63 24.3 24.2 36.4

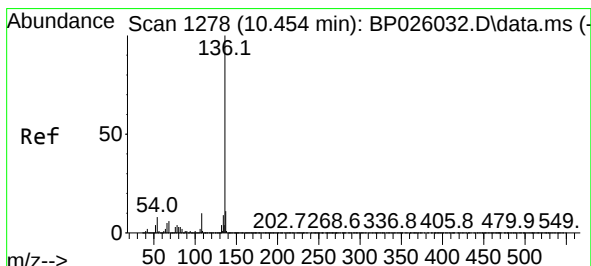
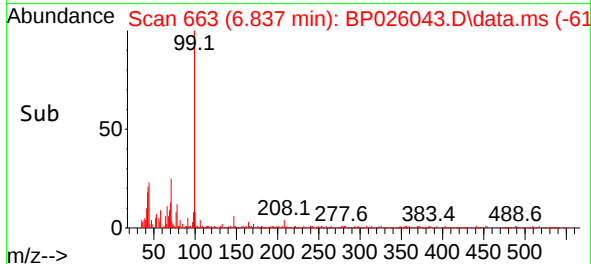
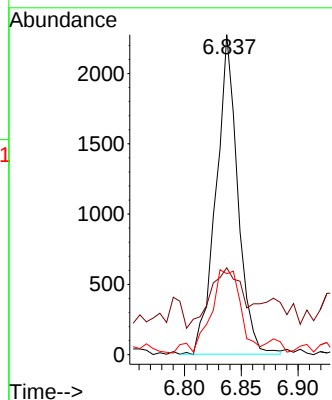
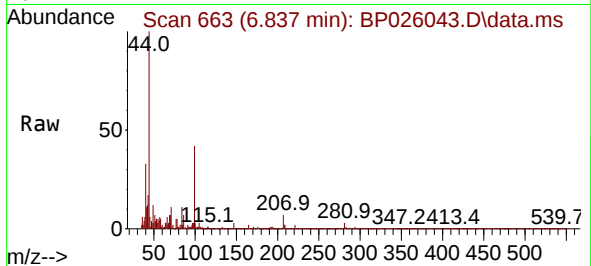




#7
Phenol-d6
Concen: 0.099 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

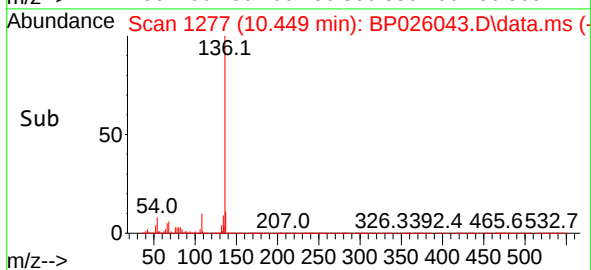
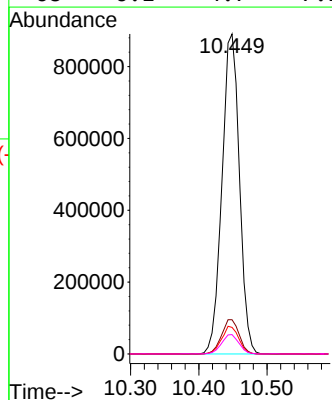
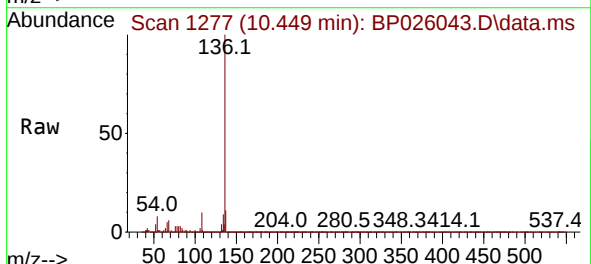
Instrument :
BNA_P
ClientSampleId :
155DL

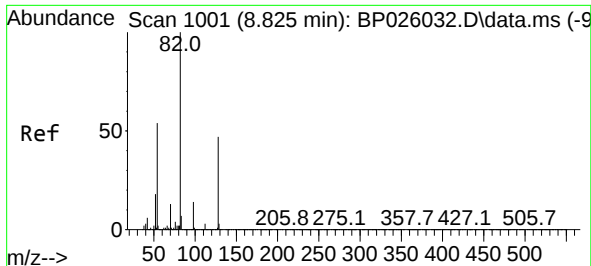
Tgt Ion: 99 Resp: 3015
Ion Ratio Lower Upper
99 100
42 27.2 13.7 20.5#
71 25.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:136 Resp: 1583930
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.3 6.6 10.0
68 6.1 4.7 7.1

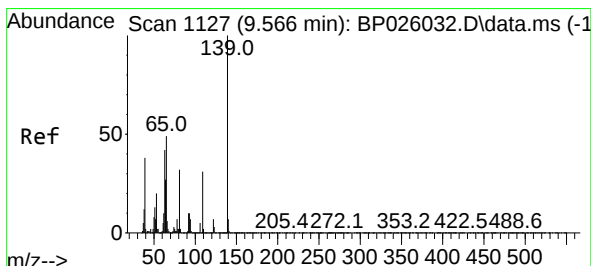
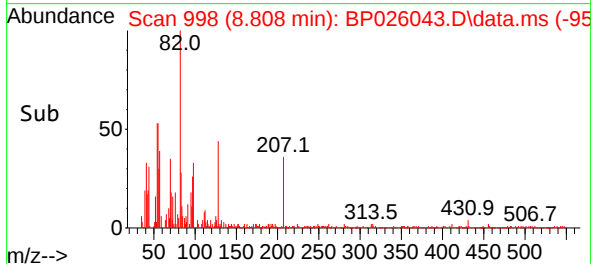
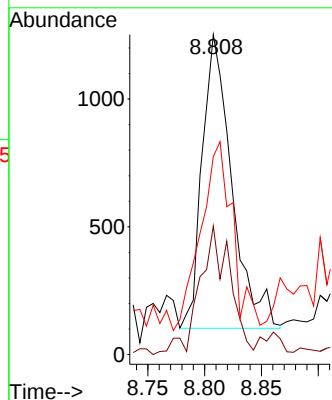
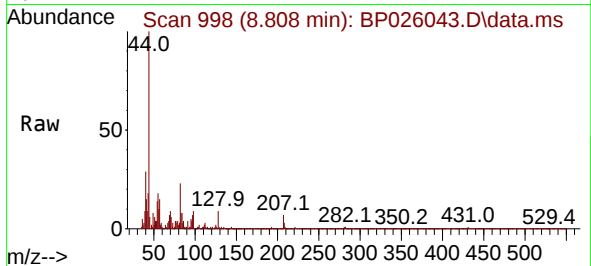




#23
Nitrobenzene-d5
Concen: 0.082 ng
RT: 8.808 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

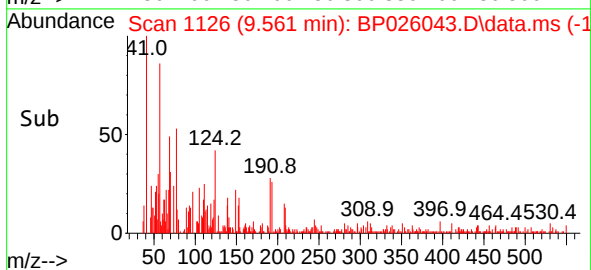
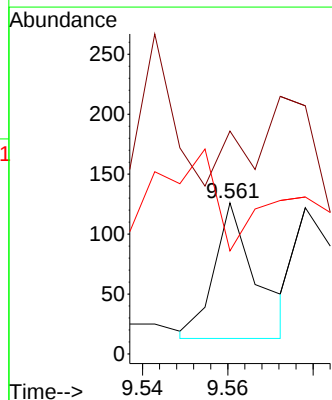
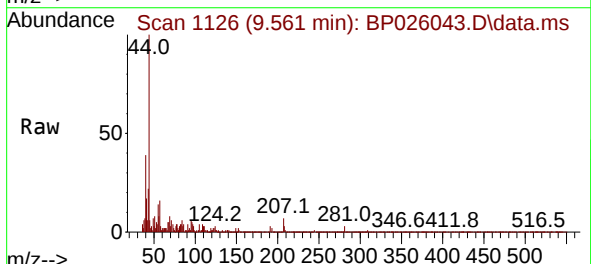
Instrument :
BNA_P
ClientSampleId :
155DL

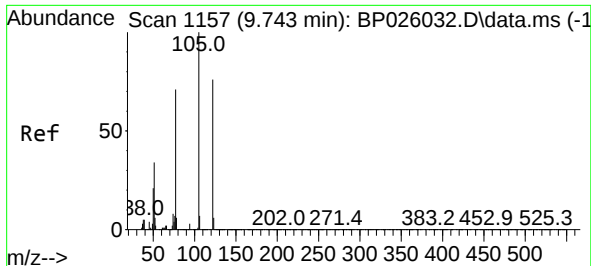
Tgt Ion: 82 Resp: 2089
Ion Ratio Lower Upper
82 100
128 40.2 37.4 56.0
54 61.9 42.7 64.1



#26
2-Nitrophenol
Concen: 2.685 ng
RT: 9.561 min Scan# 1126
Delta R.T. -0.005 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion: 139 Resp: 78
Ion Ratio Lower Upper
139 100
109 147.6 24.8 37.2#
65 68.3 39.0 58.4#

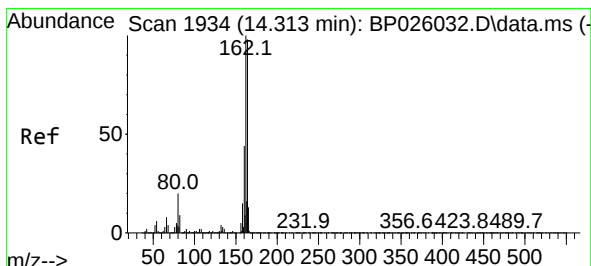
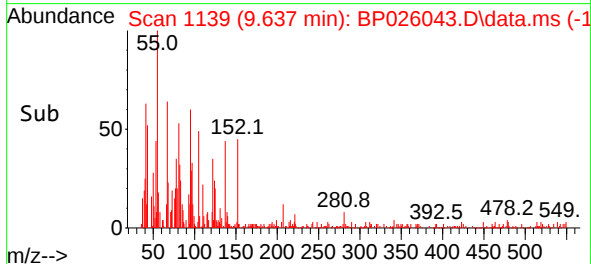
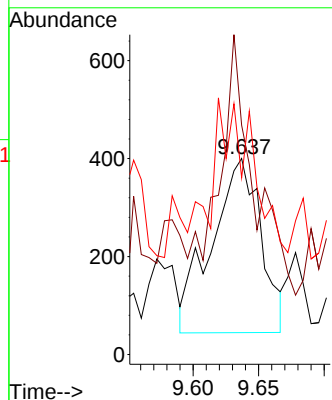
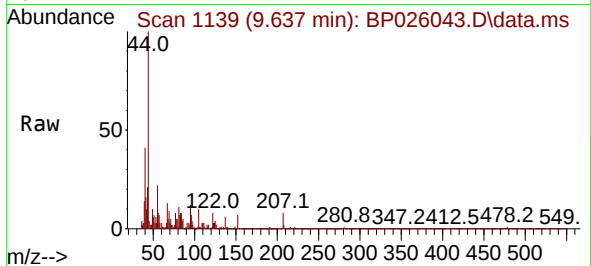




#32
Benzoic acid
Concen: 3.203 ng
RT: 9.637 min Scan# 1157
Delta R.T. -0.141 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

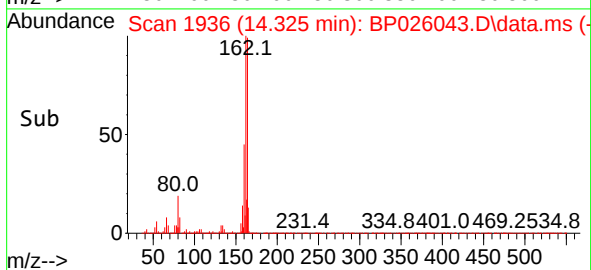
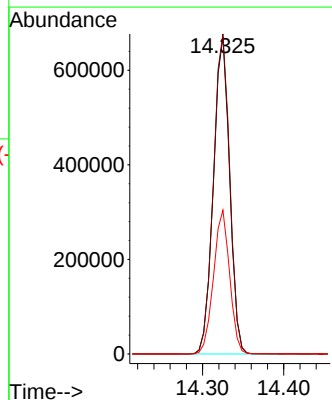
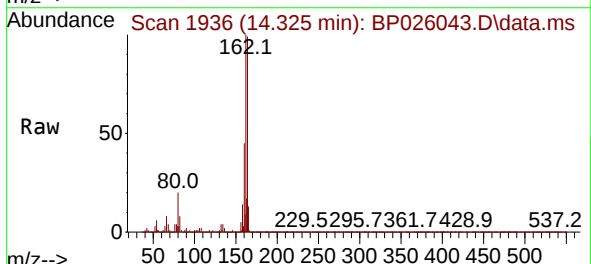
Instrument :
BNA_P
ClientSampleId :
155DL

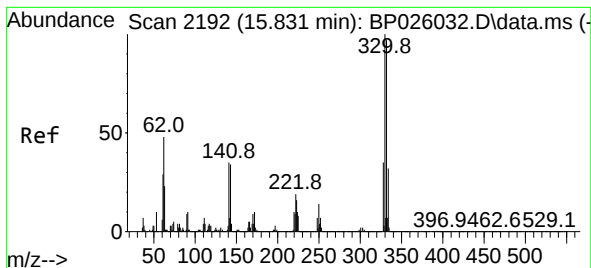
Tgt Ion:122 Resp: 929
Ion Ratio Lower Upper
122 100
105 117.0 104.8 144.8
77 90.2 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:164 Resp: 928781
Ion Ratio Lower Upper
164 100
162 100.9 81.5 122.3
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.092 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026043.D

Acq: 30 Oct 2025 15:01

Instrument :

BNA_P

ClientSampleId :

155DL

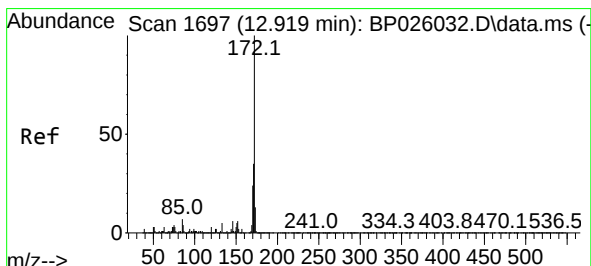
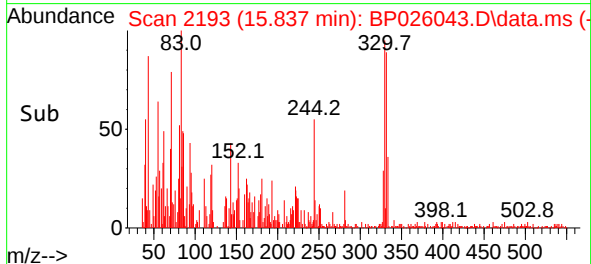
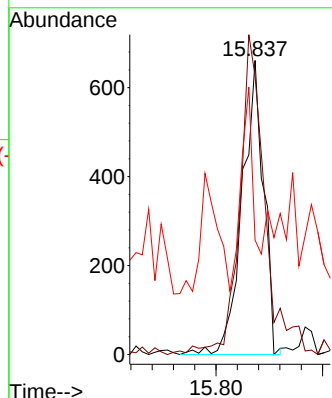
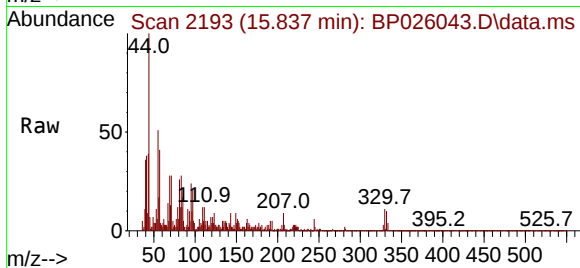
Tgt Ion:330 Resp: 924

Ion Ratio Lower Upper

330 100

332 127.5 77.3 115.9#

141 40.7 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 0.117 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026043.D

Acq: 30 Oct 2025 15:01

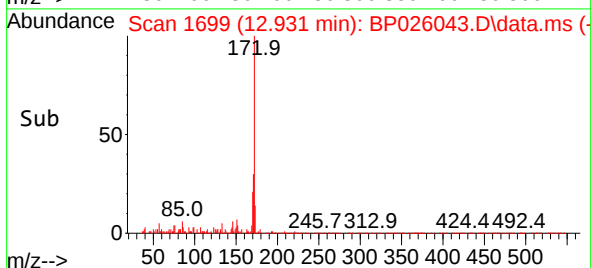
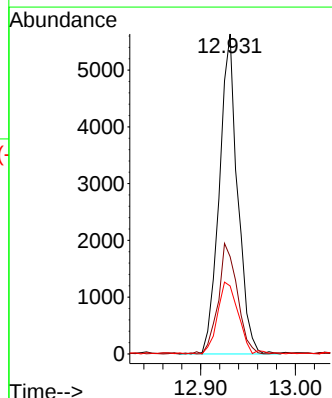
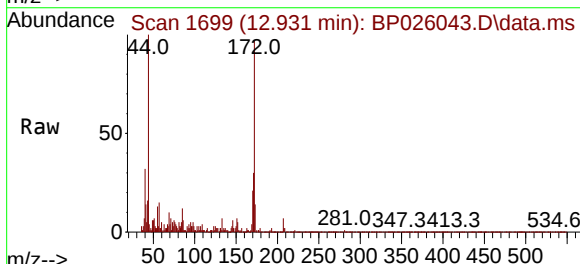
Tgt Ion:172 Resp: 7574

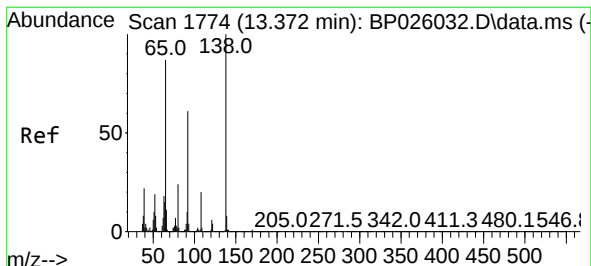
Ion Ratio Lower Upper

172 100

171 30.4 27.9 41.9

170 21.3 19.0 28.4





#48

2-Nitroaniline

Concen: 2.919 ng

RT: 13.390 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP026043.D

Acq: 30 Oct 2025 15:01

Instrument :

BNA_P

ClientSampleId :

155DL

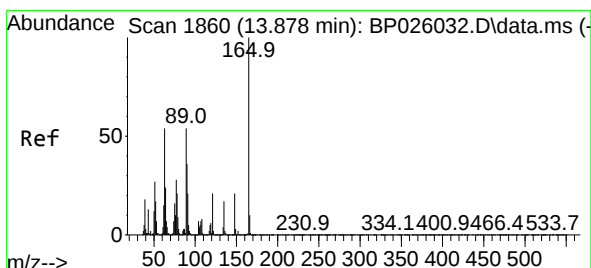
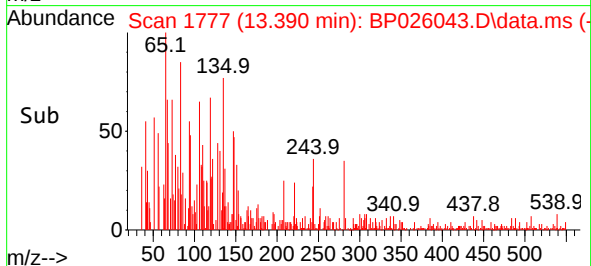
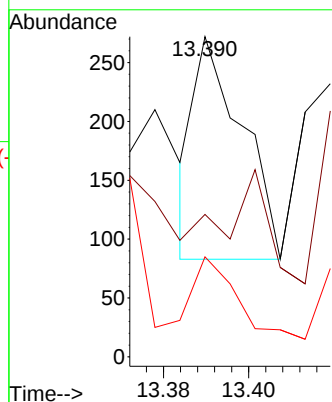
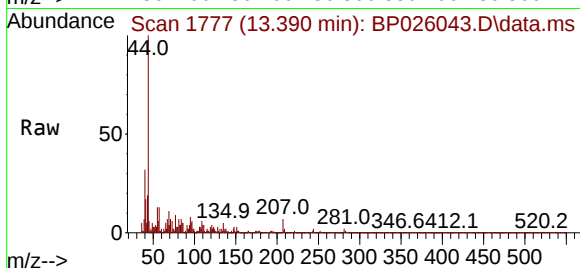
Tgt Ion: 65 Resp: 146

Ion Ratio Lower Upper

65 100

92 44.5 55.5 83.3#

138 31.3 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 2.995 ng

RT: 13.978 min Scan# 1877

Delta R.T. 0.100 min

Lab File: BP026043.D

Acq: 30 Oct 2025 15:01

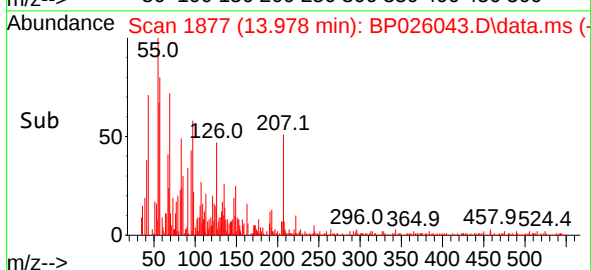
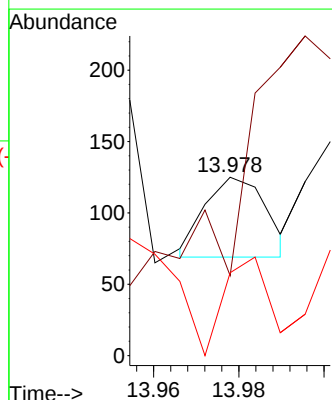
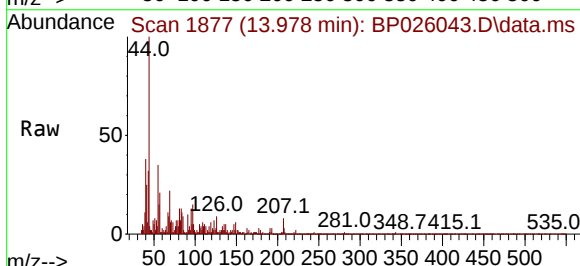
Tgt Ion:165 Resp: 56

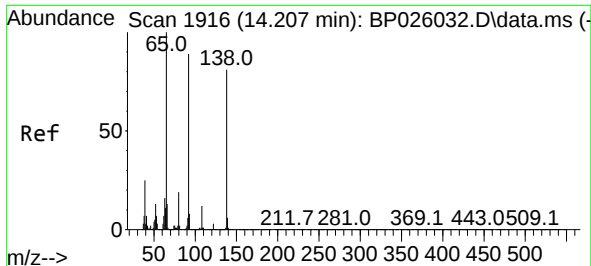
Ion Ratio Lower Upper

165 100

63 44.8 43.0 64.4

89 46.4 43.0 64.4

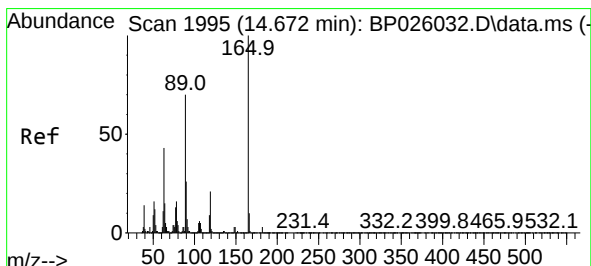
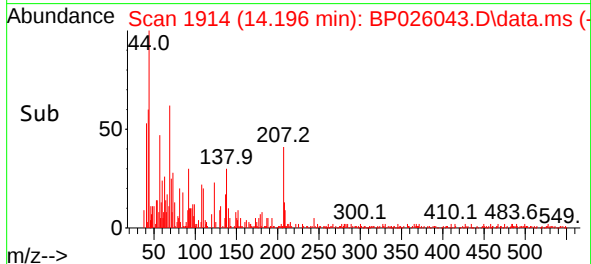
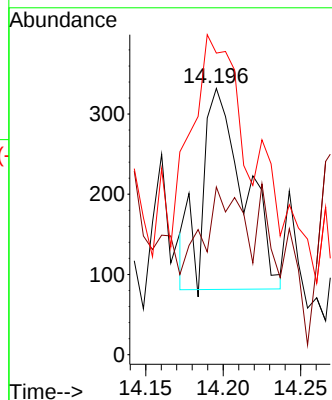
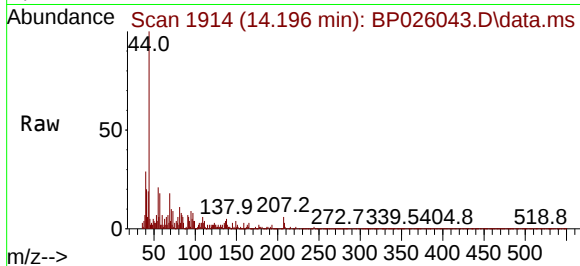




#53
3-Nitroaniline
Concen: 2.667 ng
RT: 14.196 min Scan# 1916
Delta R.T. -0.011 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

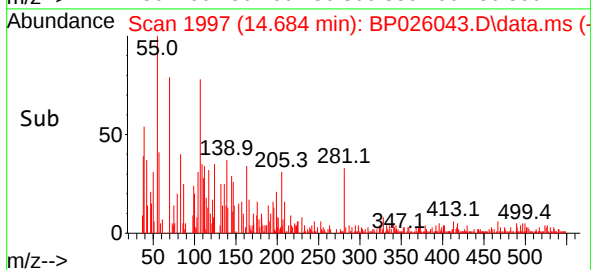
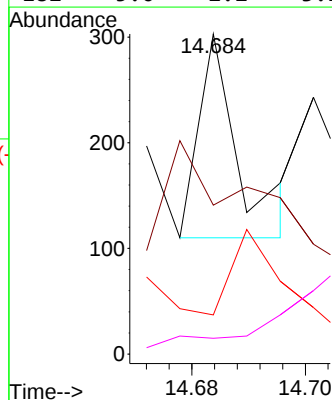
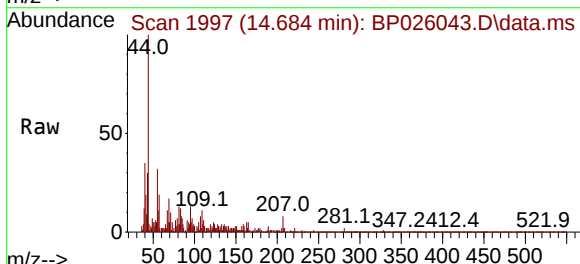
Instrument :
BNA_P
ClientSampleId :
155DL

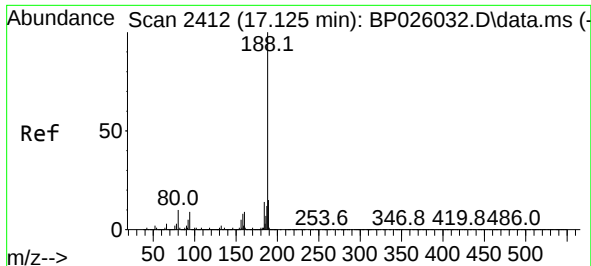
Tgt Ion:138 Resp: 474
Ion Ratio Lower Upper
138 100
108 63.0 11.4 17.0#
92 113.3 87.1 130.7



#57
2,4-Dinitrotoluene
Concen: 3.092 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:165 Resp: 95
Ion Ratio Lower Upper
165 100
63 46.5 34.2 51.2
89 12.2 56.0 84.0#
182 5.0 2.2 3.2#

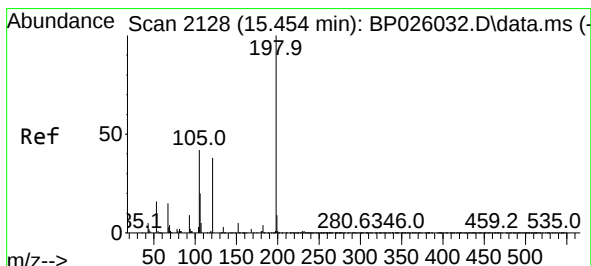
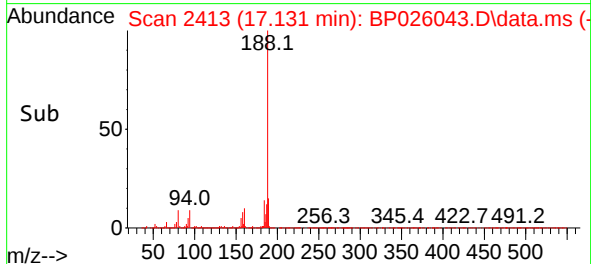
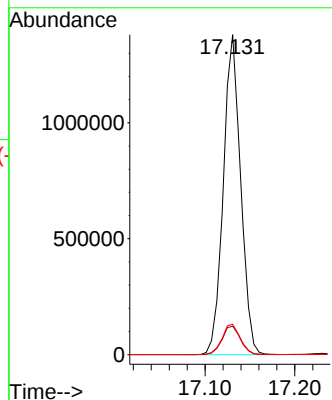
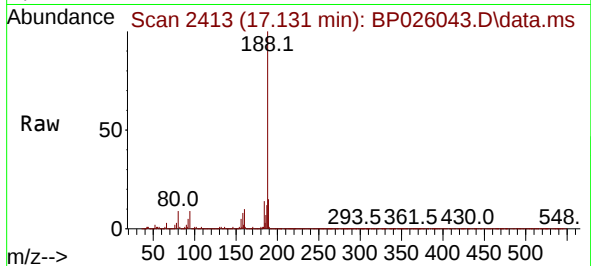




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

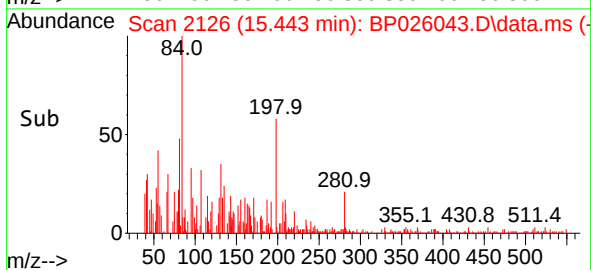
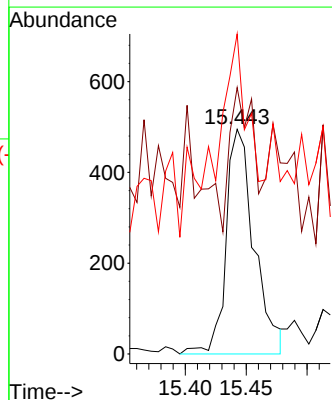
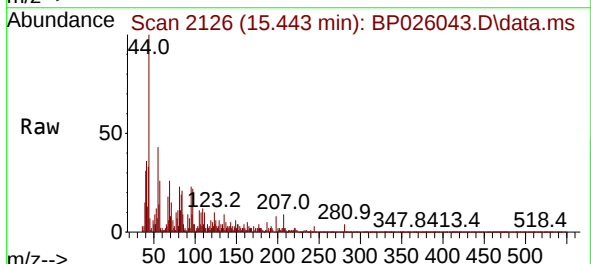
Instrument :
BNA_P
ClientSampleId :
155DL

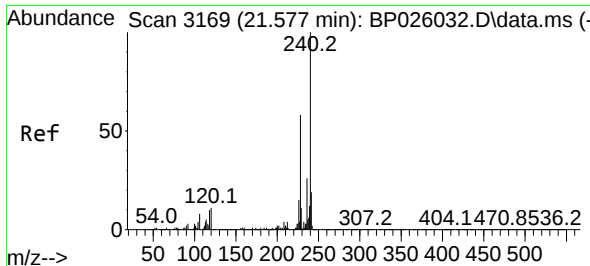
Tgt Ion:188 Resp: 1851583
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 2.108 ng
RT: 15.443 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:198 Resp: 796
Ion Ratio Lower Upper
198 100
51 118.6 25.2 65.2#
105 142.4 23.7 63.7#

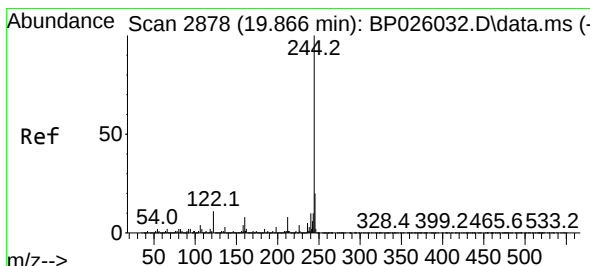
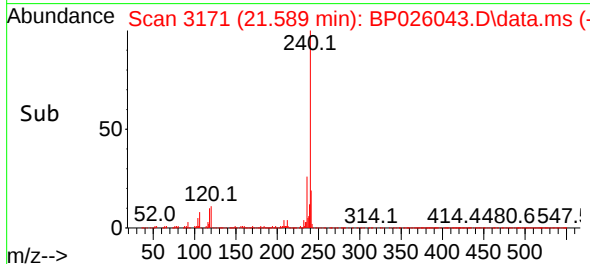
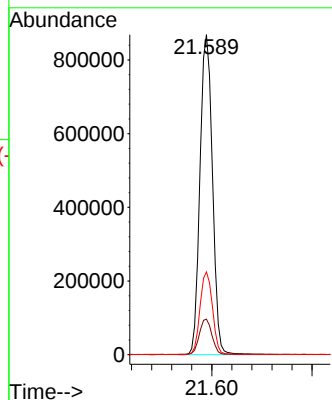
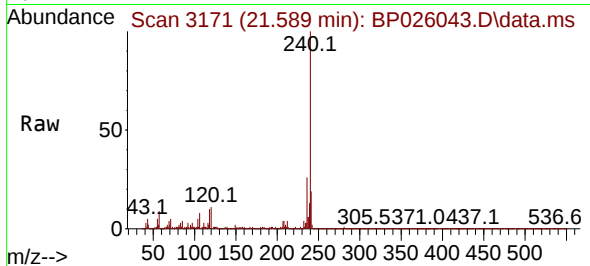




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3169
Delta R.T. 0.024 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

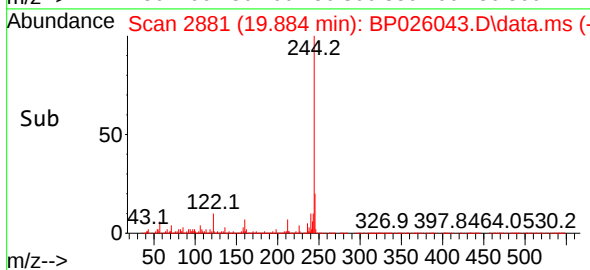
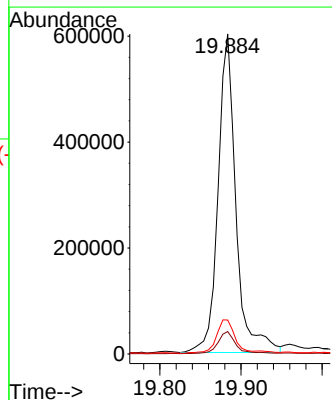
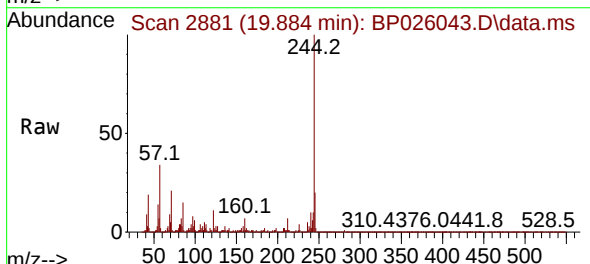
Instrument :
BNA_P
ClientSampleId :
155DL

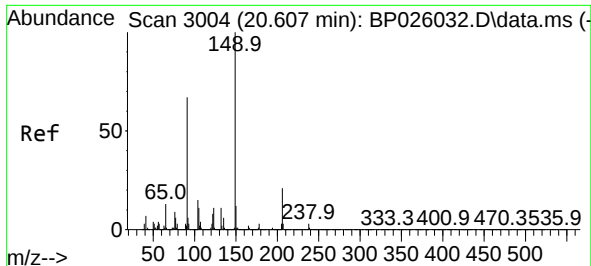
Tgt Ion:240 Resp: 1497140
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 12.518 ng
RT: 19.884 min Scan# 2881
Delta R.T. 0.018 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:244 Resp: 922451
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.6 9.0 13.6

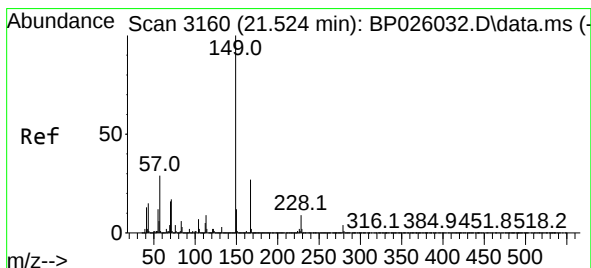
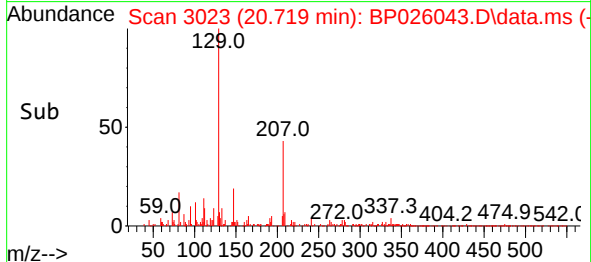
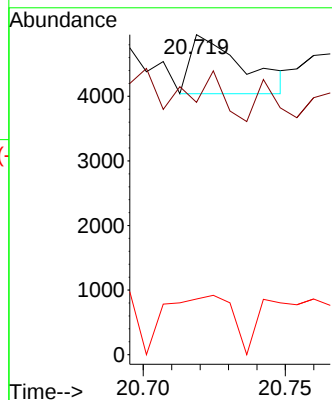
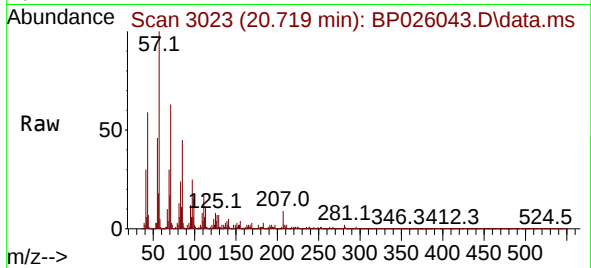




#80
Butylbenzylphthalate
Concen: 3.426 ng
RT: 20.719 min Scan# 3004
Delta R.T. 0.112 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

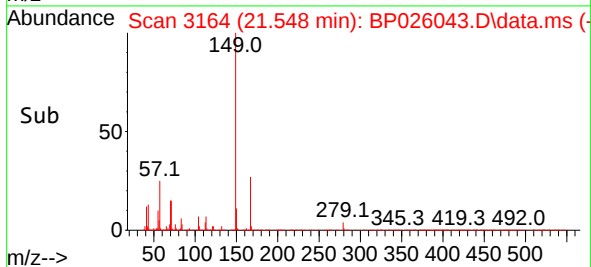
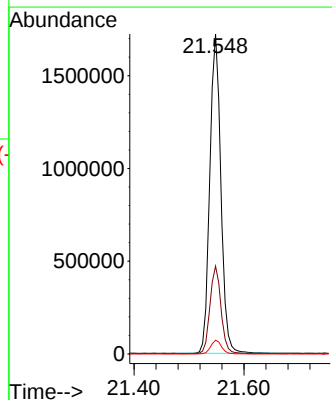
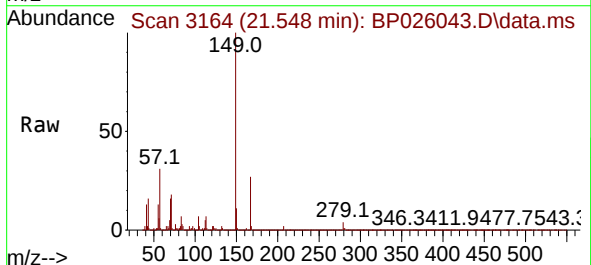
Instrument :
BNA_P
ClientSampleId :
155DL

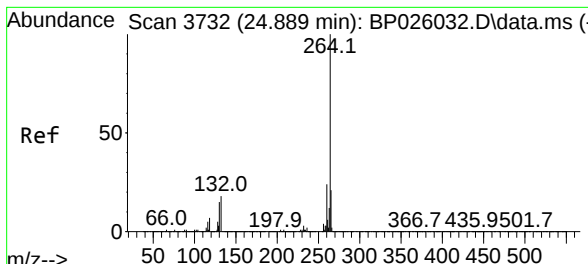
Tgt Ion:149 Resp: 1170
Ion Ratio Lower Upper
149 100
91 78.9 53.5 80.3
206 17.4 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.192 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.030 min
Lab File: BP026043.D
Acq: 30 Oct 2025 15:01

Tgt Ion:149 Resp: 2398131
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.3 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.930 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BP026043.D
 Acq: 30 Oct 2025 15:01

Instrument :
 BNA_P
 ClientSampleId :
 155DL

Tgt Ion:264 Resp: 1704730

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.3	17.2	25.8

