

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026091.D
 Acq On : 11 Nov 2025 15:25
 Operator : RC/JU
 Sample : PB170478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170478BL

Quant Time: Nov 11 16:02:26 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)

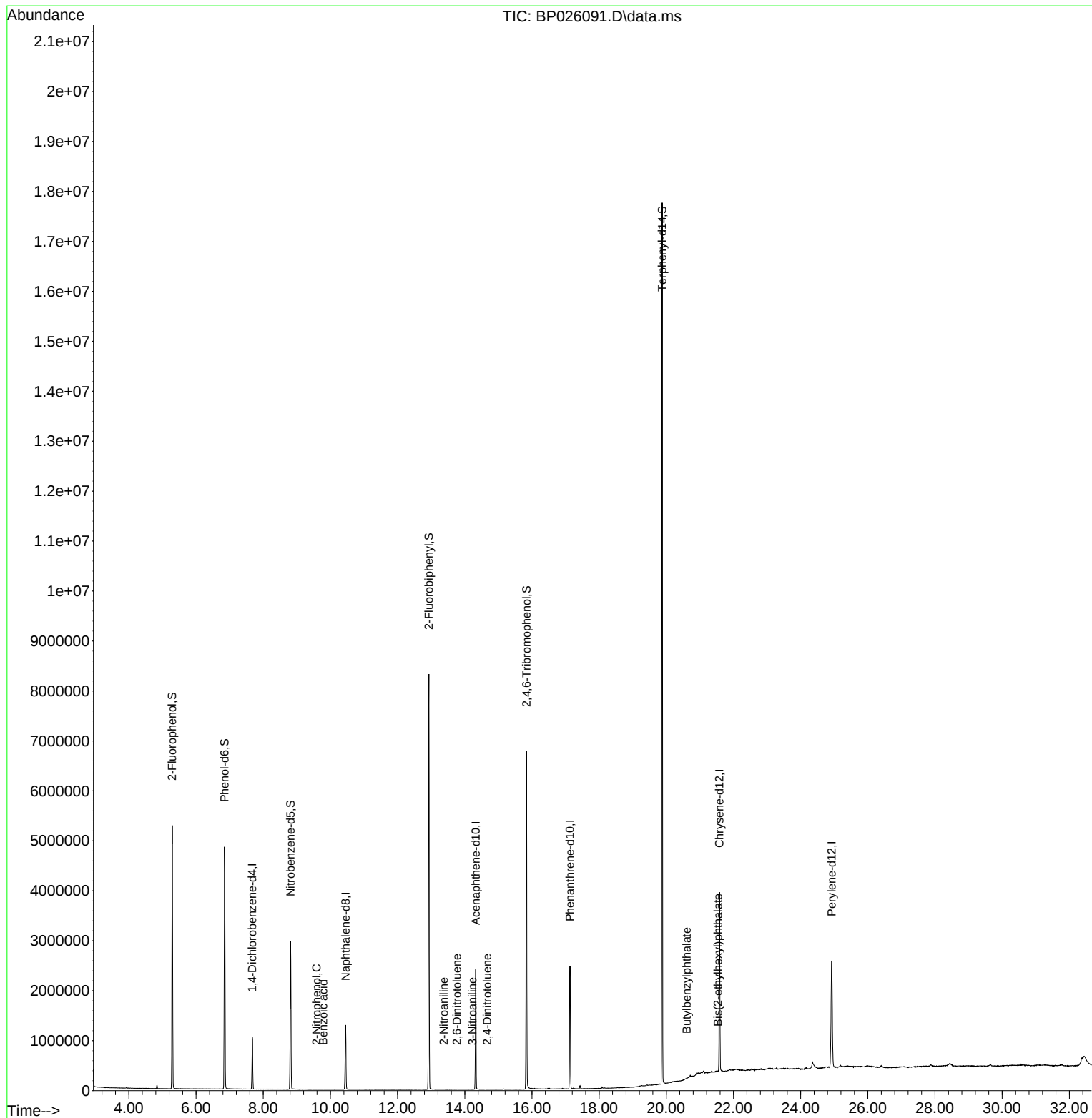
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	298414	20.000	ng	-0.02
21) Naphthalene-d8	10.449	136	1159025	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	755777	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1736835	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1947604	20.000	ng	0.02
86) Perylene-d12	24.924	264	2128781	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2325081	128.567	ng	0.00
7) Phenol-d6	6.849	99	2862452	124.356	ng	0.00
23) Nitrobenzene-d5	8.813	82	1646904	88.581	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	1341733	164.213	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4225245	80.333	ng	0.00
79) Terphenyl-d14	19.878	244	7979061	83.235	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.584	139	10	2.678	ng	# 1
32) Benzoic acid	9.784	122	54	3.123	ng	# 1
48) 2-Nitroaniline	13.372	65	96	2.917	ng	# 18
51) 2,6-Dinitrotoluene	13.766	165	81	2.998	ng	# 90
53) 3-Nitroaniline	14.225	138	125	2.647	ng	# 67
57) 2,4-Dinitrotoluene	14.672	165	45	3.090	ng	# 58
80) Butylbenzylphthalate	20.613	149	1085	3.418	ng	# 63
84) Bis(2-ethylhexyl)phtha...	21.536	149	9574	2.713	ng	# 92

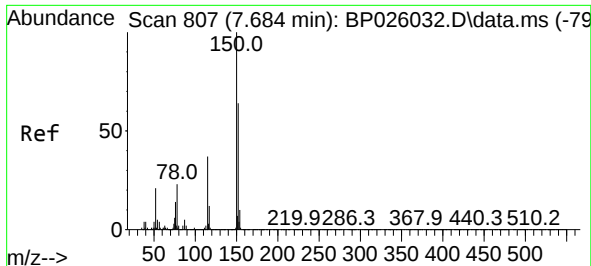
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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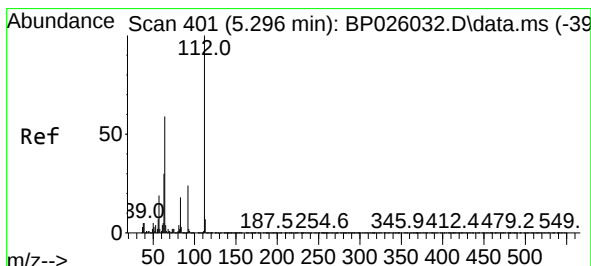
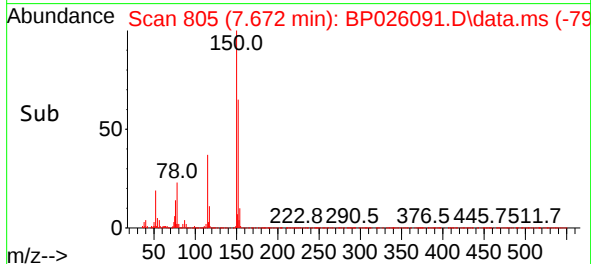
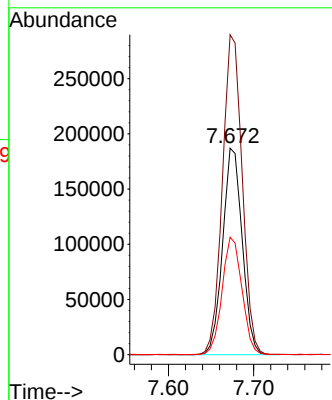
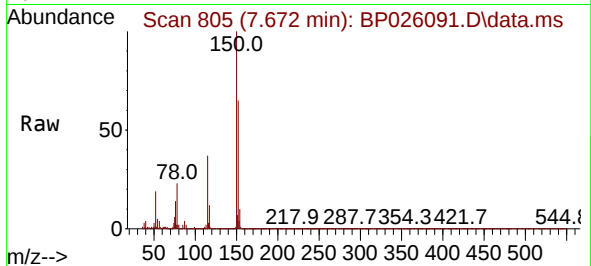




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

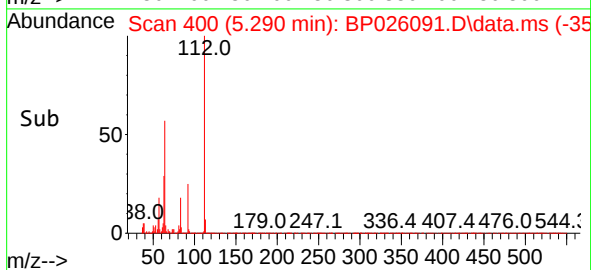
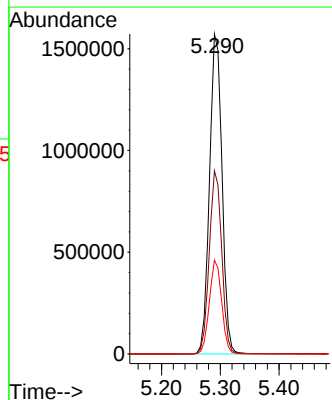
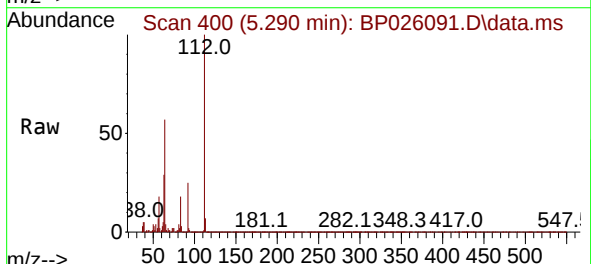
Instrument :
BNA_P
ClientSampleId :
PB170478BL

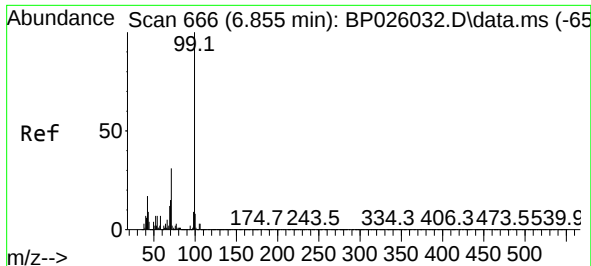
Tgt Ion:152 Resp: 298414
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 56.9 46.4 69.6



#5
2-Fluorophenol
Concen: 128.567 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:112 Resp: 2325081
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.2
63 29.4 24.2 36.4



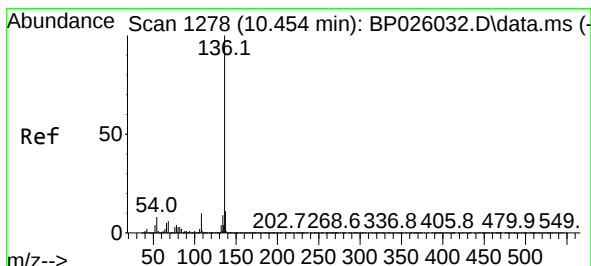
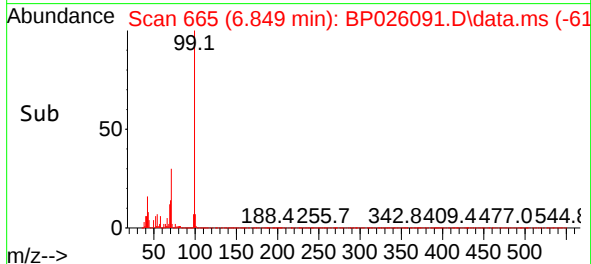
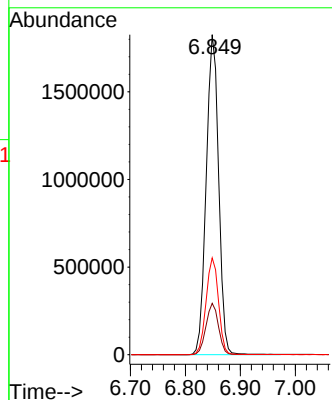
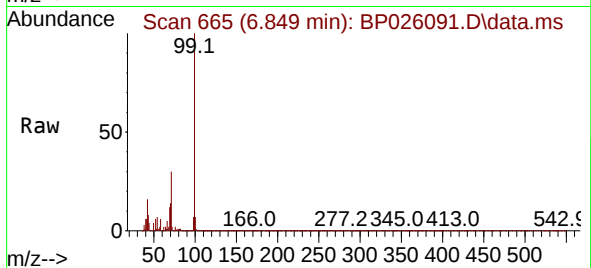


#7
Phenol-d6
Concen: 124.356 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Instrument :
BNA_P
ClientSampleId :
PB170478BL

Tgt Ion: 99 Resp: 2862452

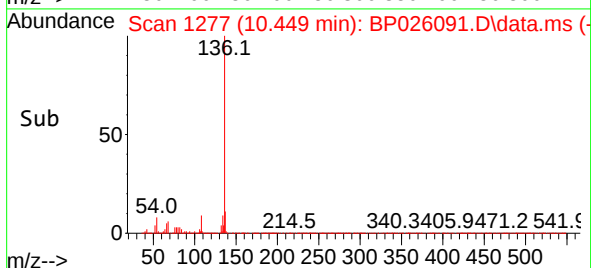
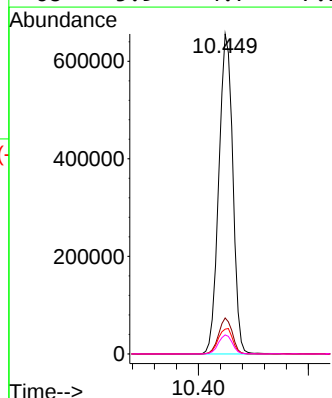
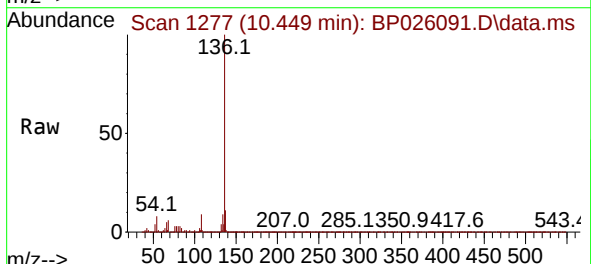
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.2	24.4	36.6

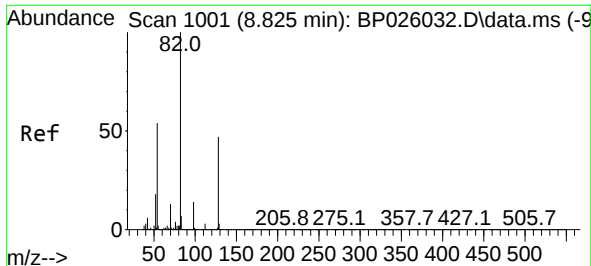


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:136 Resp: 1159025

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.8	6.6	10.0
68	5.9	4.7	7.1

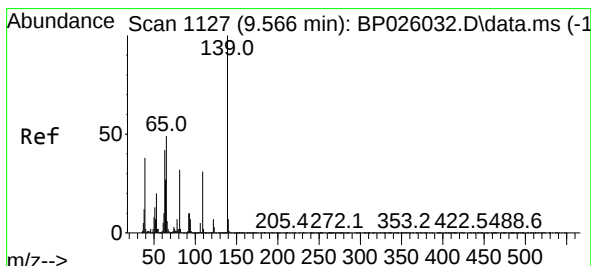
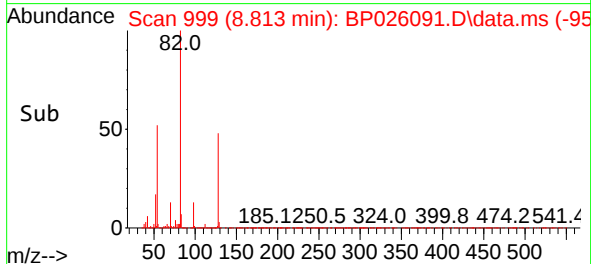
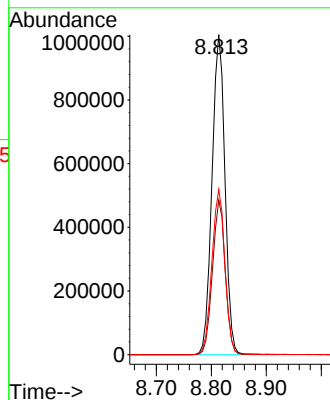
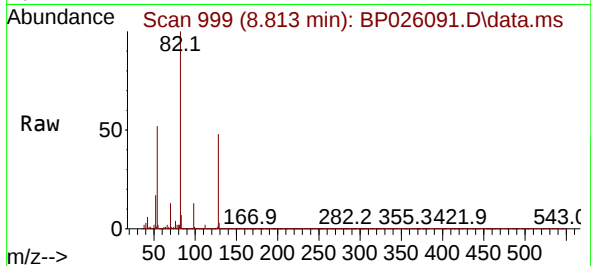




#23
Nitrobenzene-d5
Concen: 88.581 ng
RT: 8.813 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

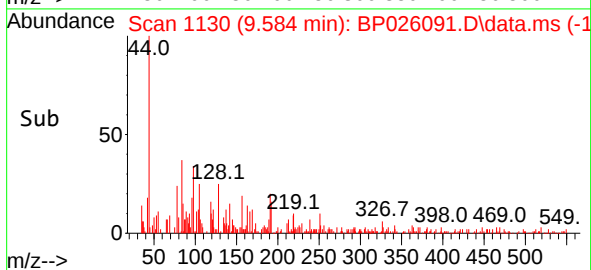
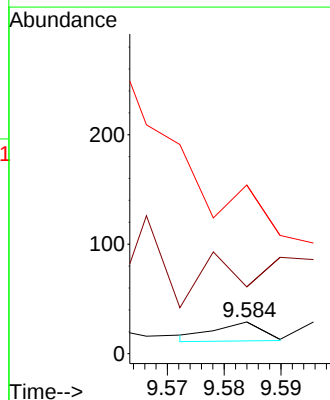
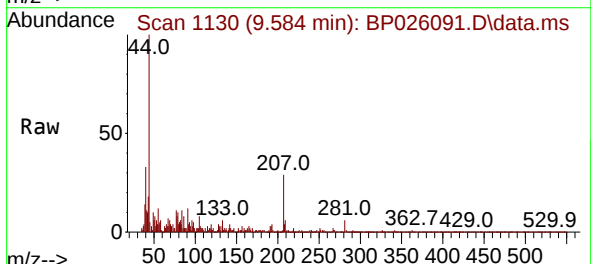
Instrument :
BNA_P
ClientSampleId :
PB170478BL

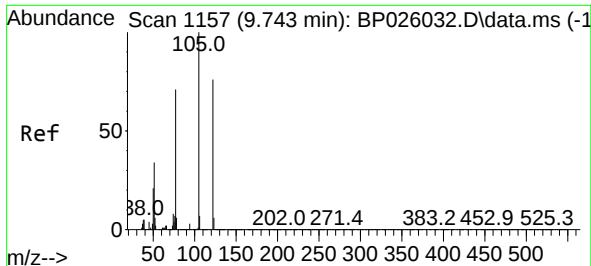
Tgt Ion: 82 Resp: 1646904
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.0
54 51.6 42.7 64.1



#26
2-Nitrophenol
Concen: 2.678 ng
RT: 9.584 min Scan# 1130
Delta R.T. 0.018 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion: 139 Resp: 10
Ion Ratio Lower Upper
139 100
109 210.3 24.8 37.2#
65 531.0 39.0 58.4#

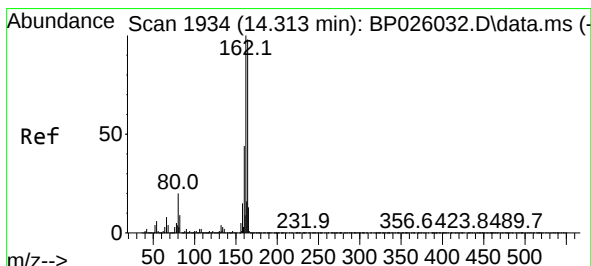
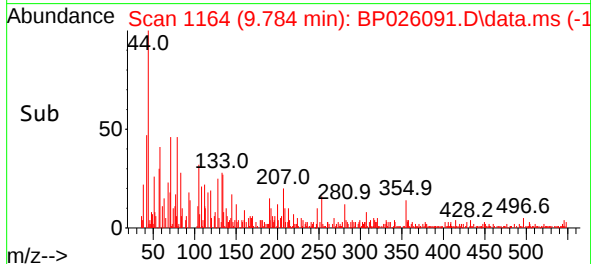
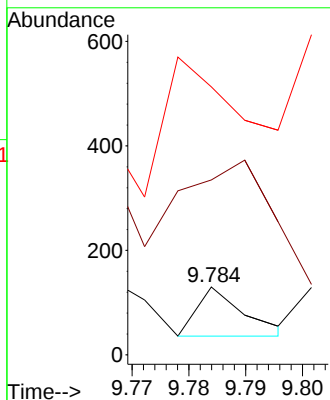
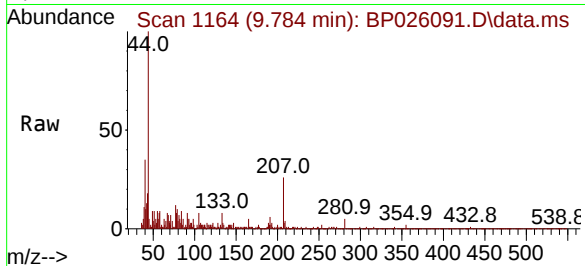




#32
Benzoic acid
Concen: 3.123 ng
RT: 9.784 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

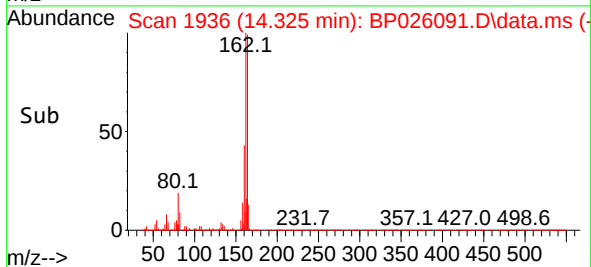
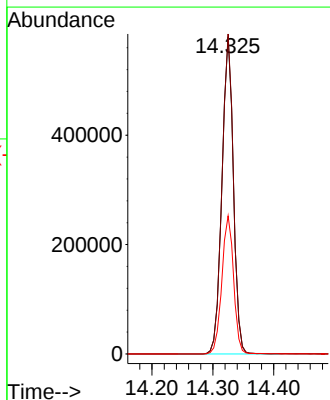
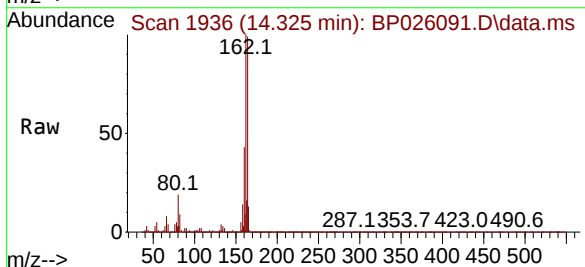
Instrument :
BNA_P
ClientSampleId :
PB170478BL

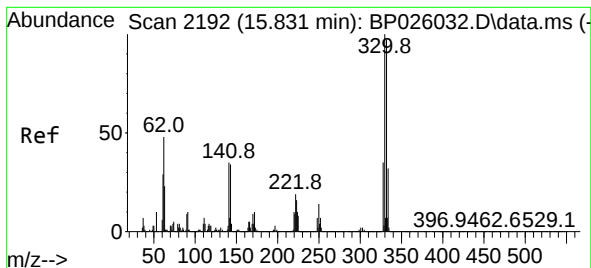
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 257.7 104.8 144.8#
77 394.6 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:164 Resp: 755777
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 164.213 ng

RT: 15.837 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Instrument :

BNA_P

ClientSampleId :

PB170478BL

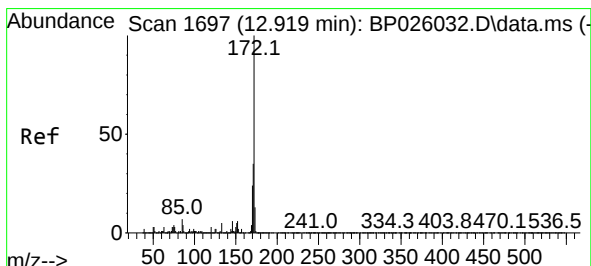
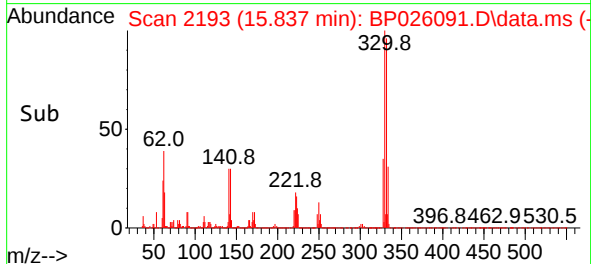
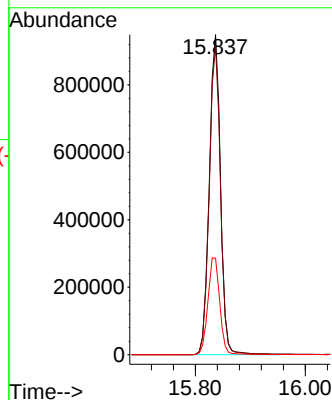
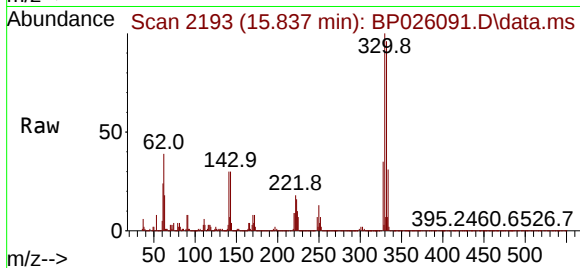
Tgt Ion:330 Resp: 1341733

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 80.333 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

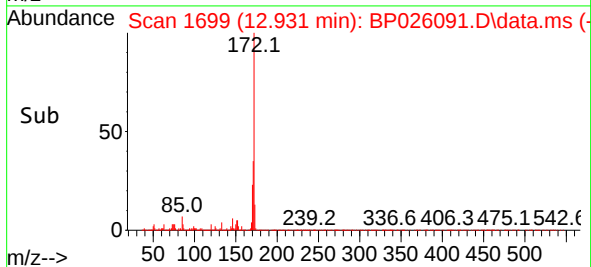
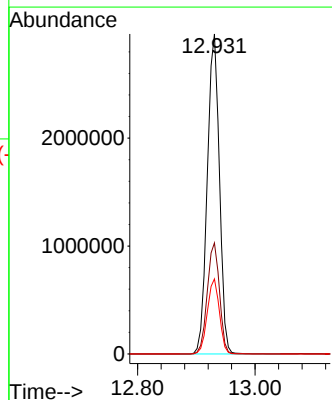
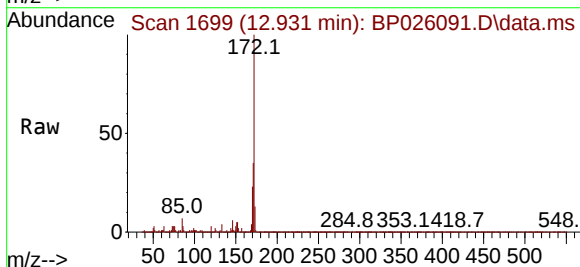
Tgt Ion:172 Resp: 4225245

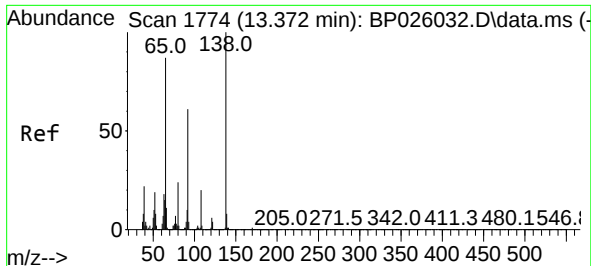
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.5 19.0 28.4

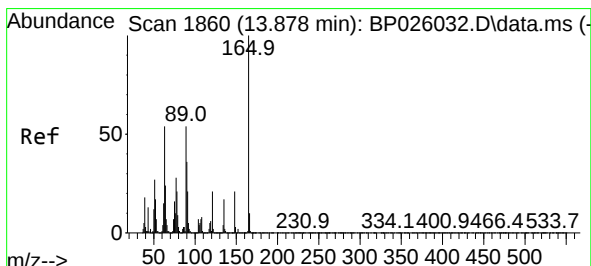
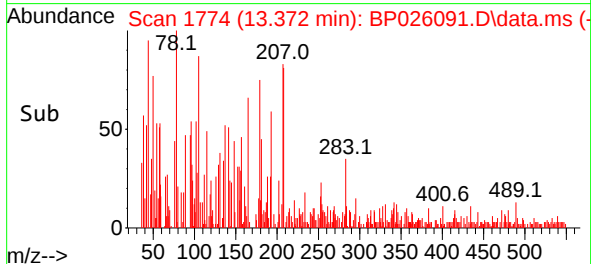
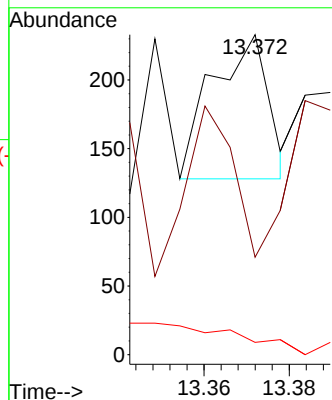
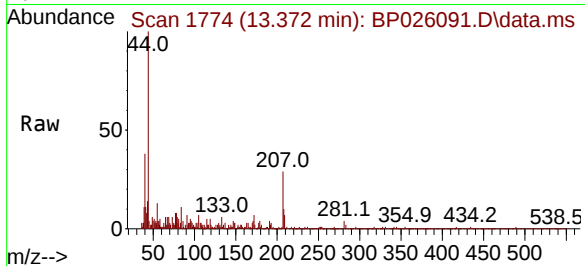




#48
2-Nitroaniline
Concen: 2.917 ng
RT: 13.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

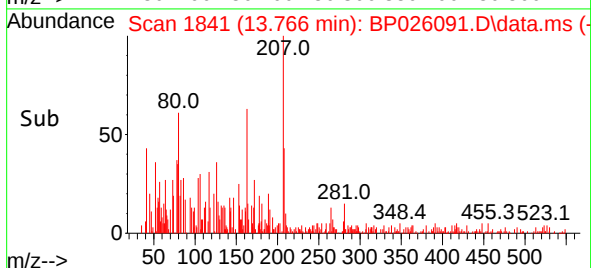
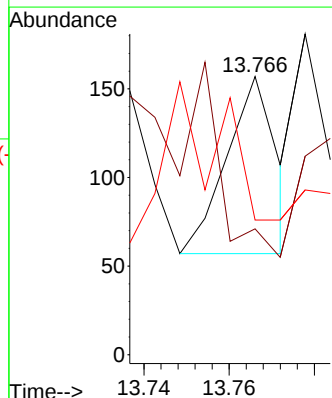
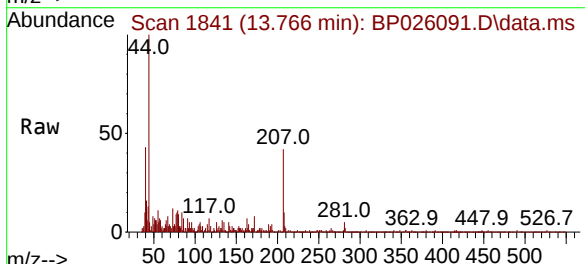
Instrument :
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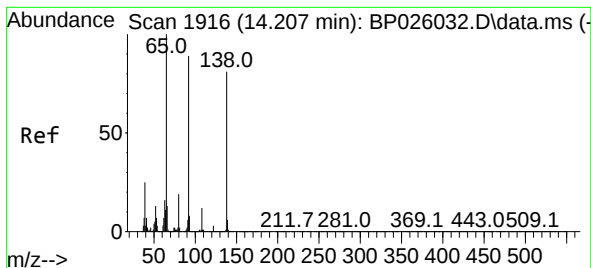
Tgt Ion: 65 Resp: 96
Ion Ratio Lower Upper
65 100
92 30.5 55.5 83.3#
138 3.9 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.998 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.112 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:165 Resp: 81
Ion Ratio Lower Upper
165 100
63 45.2 43.0 64.4
89 48.4 43.0 64.4

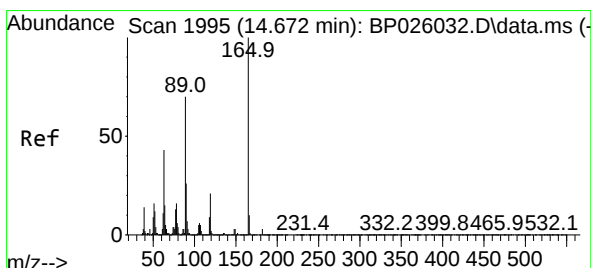
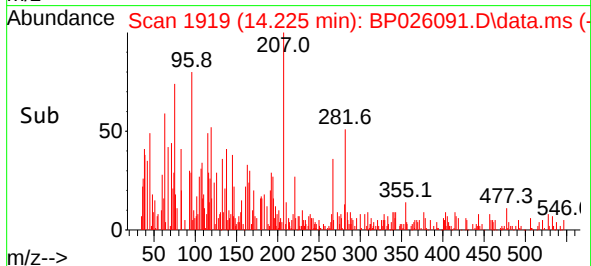
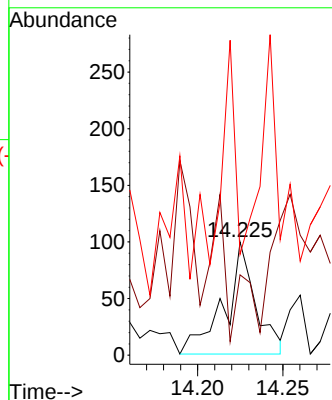
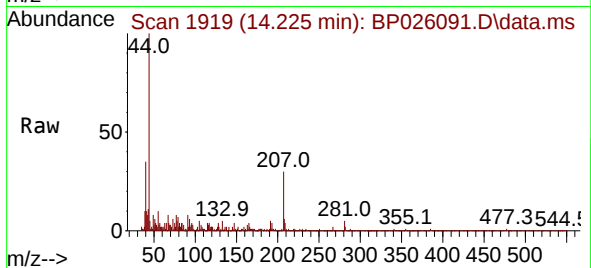




#53
3-Nitroaniline
Concen: 2.647 ng
RT: 14.225 min Scan# 1916
Delta R.T. 0.018 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

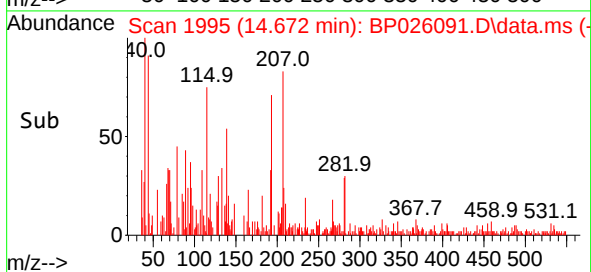
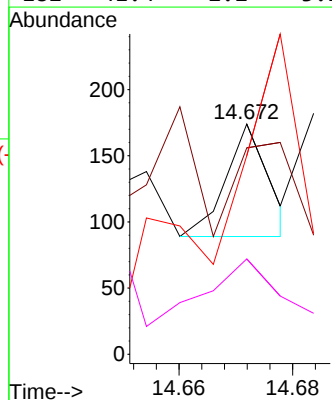
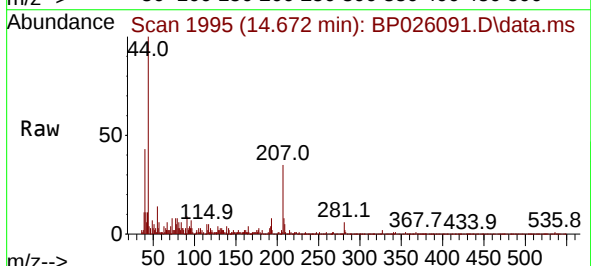
Instrument :
BNA_P
ClientSampleId :
PB170478BL

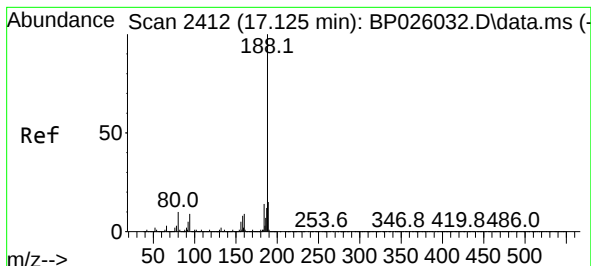
Tgt Ion:138 Resp: 125
Ion Ratio Lower Upper
138 100
108 71.0 11.4 17.0#
92 89.0 87.1 130.7



#57
2,4-Dinitrotoluene
Concen: 3.090 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:165 Resp: 45
Ion Ratio Lower Upper
165 100
63 89.7 34.2 51.2#
89 86.2 56.0 84.0#
182 41.4 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: BP026091.D

Acq: 11 Nov 2025 15:25

Instrument :

BNA_P

ClientSampleId :

PB170478BL

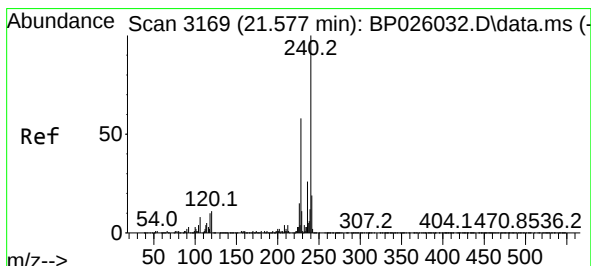
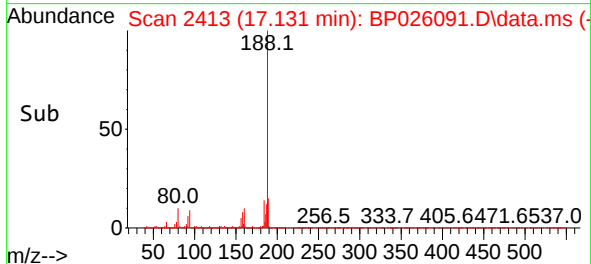
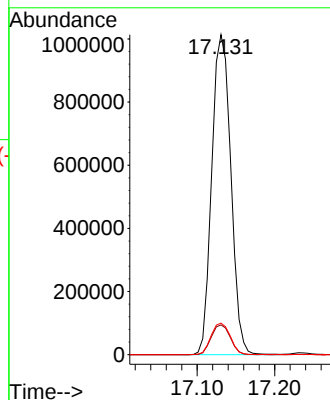
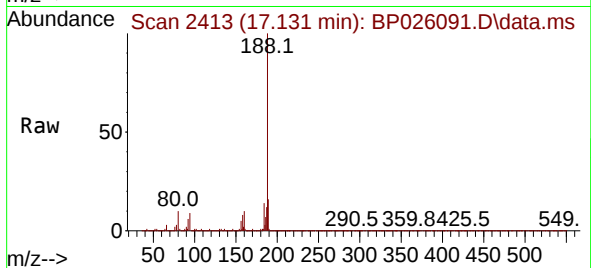
Tgt Ion:188 Resp: 1736835

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.018 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

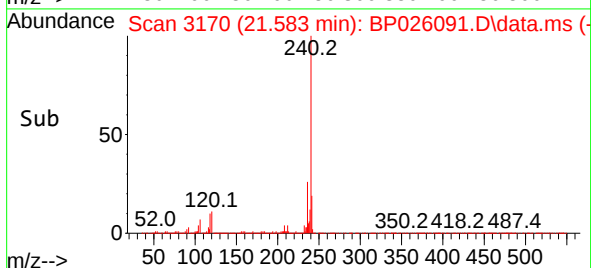
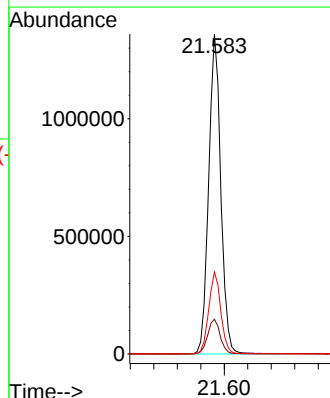
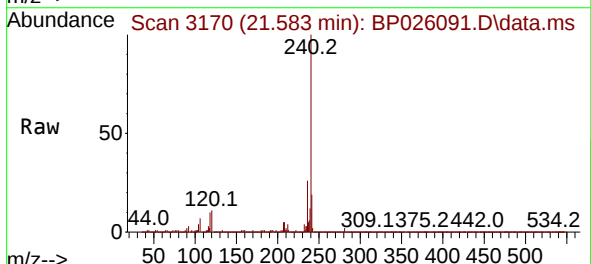
Tgt Ion:240 Resp: 1947604

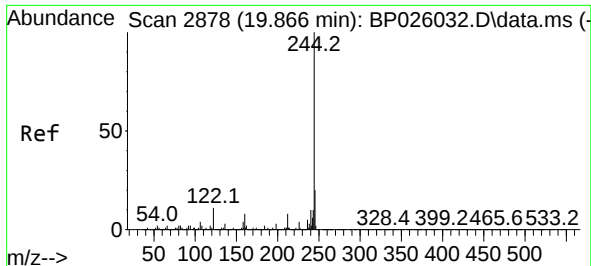
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.6 20.6 31.0

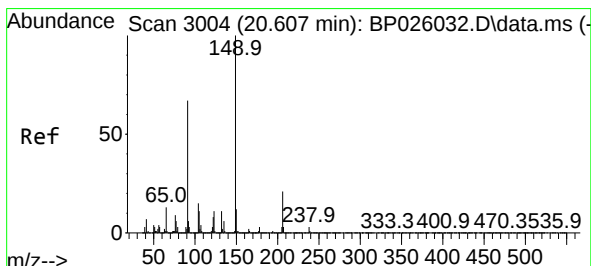
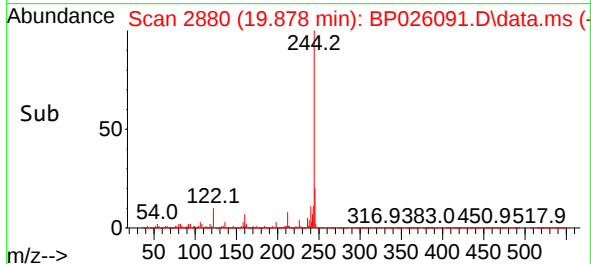
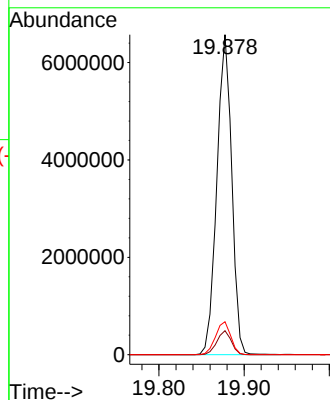
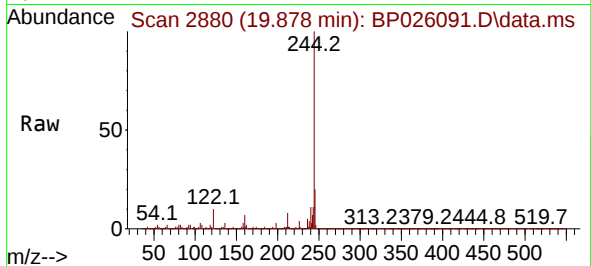




#79
 Terphenyl-d14
 Concen: 83.235 ng
 RT: 19.878 min Scan# 2880
 Delta R.T. 0.012 min
 Lab File: BP026091.D
 Acq: 11 Nov 2025 15:25

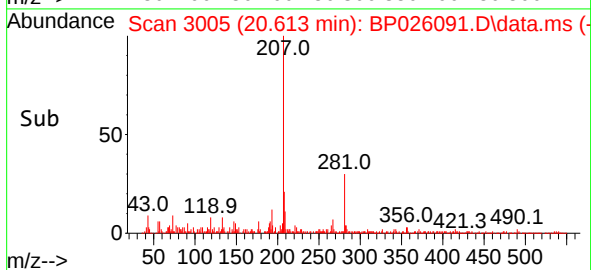
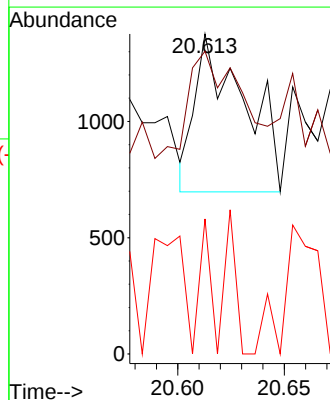
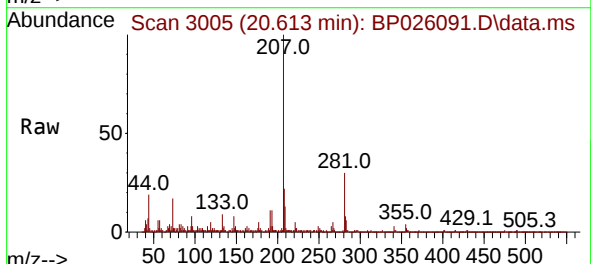
Instrument :
 BNA_P
 ClientSampleId :
 PB170478BL

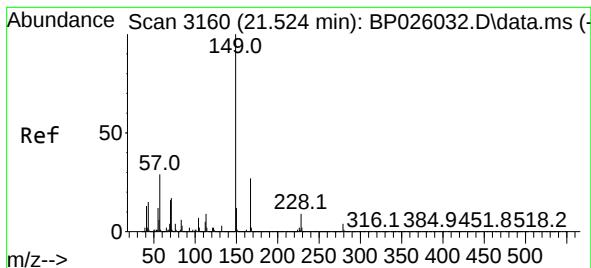
Tgt Ion:244 Resp: 7979061
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.418 ng
 RT: 20.613 min Scan# 3005
 Delta R.T. 0.006 min
 Lab File: BP026091.D
 Acq: 11 Nov 2025 15:25

Tgt Ion:149 Resp: 1085
 Ion Ratio Lower Upper
 149 100
 91 94.6 53.5 80.3#
 206 42.2 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.713 ng

RT: 21.536 min Scan# 3162

Delta R.T. 0.018 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Instrument :

BNA_P

ClientSampleId :

PB170478BL

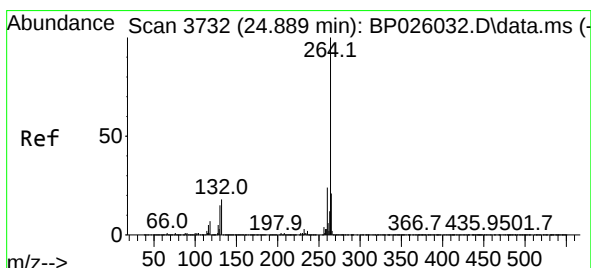
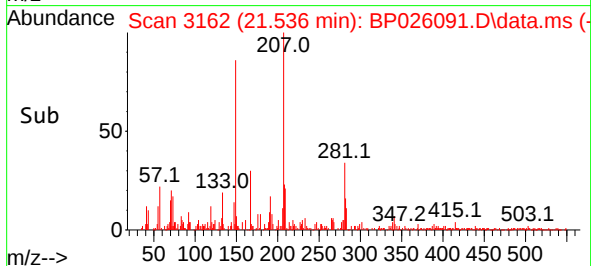
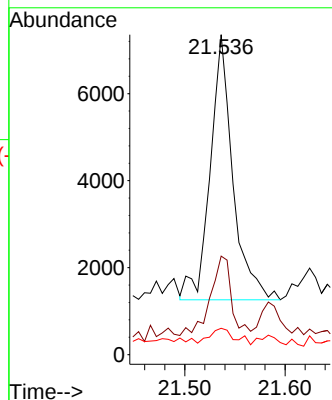
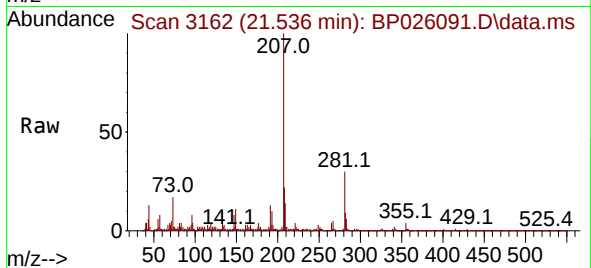
Tgt Ion:149 Resp: 9574

Ion Ratio Lower Upper

149 100

167 30.8 21.5 32.3

279 8.2 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.041 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Tgt Ion:264 Resp: 2128781

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 22.1 17.2 25.8

