

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026114.D
 Acq On : 12 Nov 2025 15:55
 Operator : RC/JU
 Sample : Q3601-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Quant Time: Nov 12 16:36:11 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)

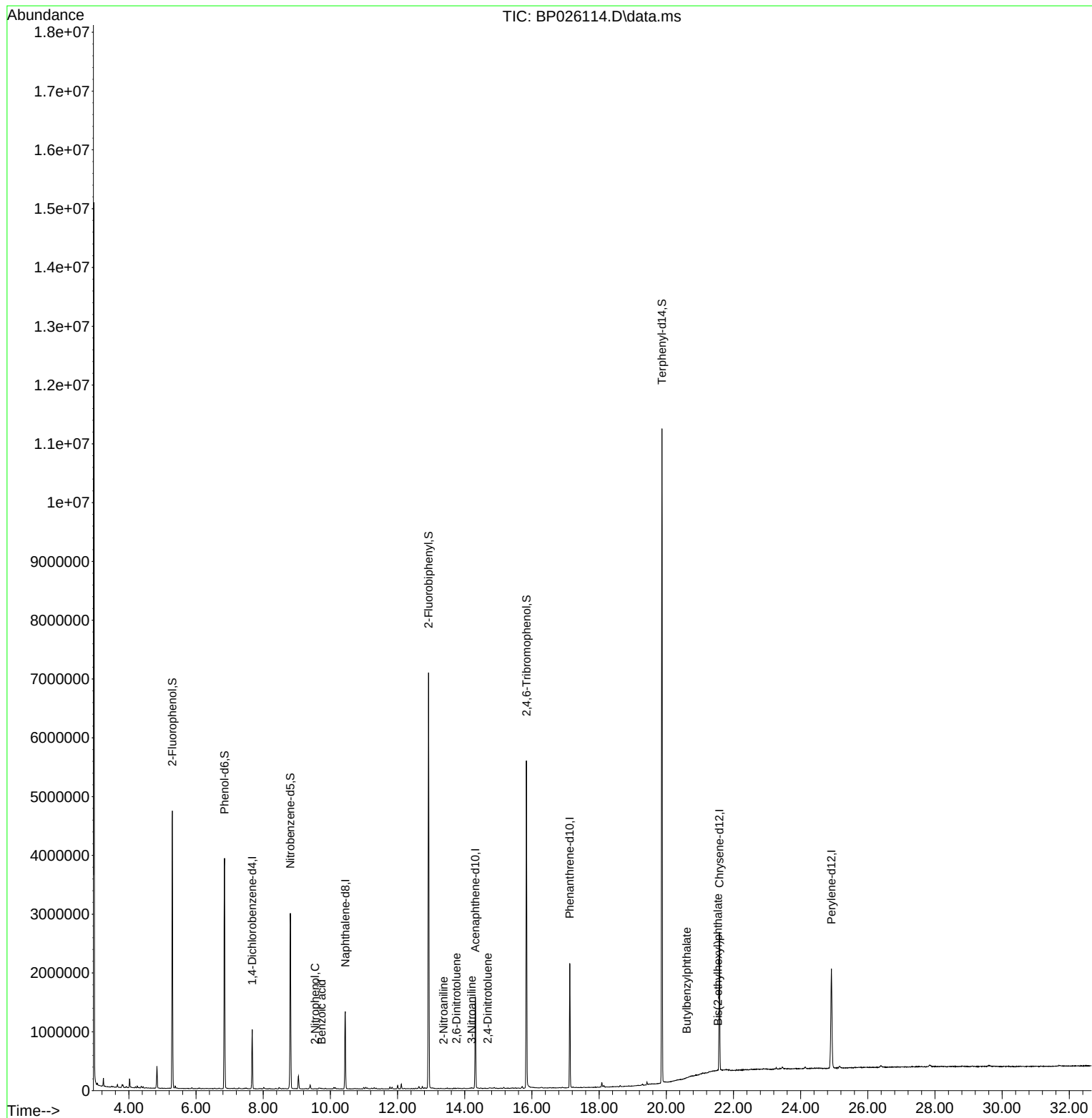
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	285297	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1067622	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	638322	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1271555	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1410533	20.000	ng	0.02
86) Perylene-d12	24.918	264	1598848	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2137748	123.643	ng	0.00
7) Phenol-d6	6.849	99	2391566	108.676	ng	0.00
23) Nitrobenzene-d5	8.807	82	1663031	97.107	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	1076245	155.958	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3886373	87.486	ng	0.00
79) Terphenyl-d14	19.871	244	6065918	87.371	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.548	139	101	2.692	ng	# 1
32) Benzoic acid	9.737	122	336	3.163	ng	86
48) 2-Nitroaniline	13.366	65	110	2.920	ng	# 52
51) 2,6-Dinitrotoluene	13.754	165	95	3.001	ng	87
53) 3-Nitroaniline	14.207	138	87	2.645	ng	# 37
57) 2,4-Dinitrotoluene	14.683	165	208	3.102	ng	# 54
80) Butylbenzylphthalate	20.607	149	1524	3.437	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.536	149	7016	2.714	ng	# 95

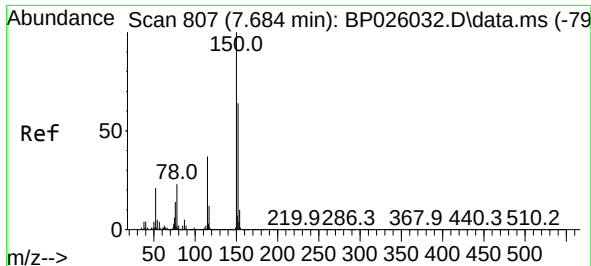
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026114.D
Acq On : 12 Nov 2025 15:55
Operator : RC/JU
Sample : Q3601-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Time: Nov 12 16:36:11 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

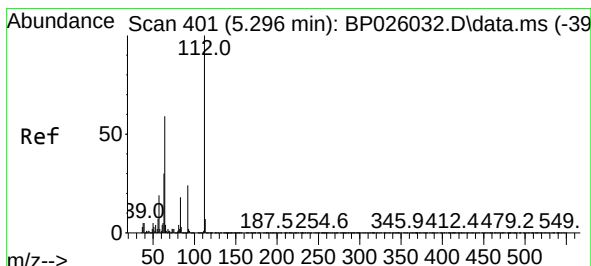
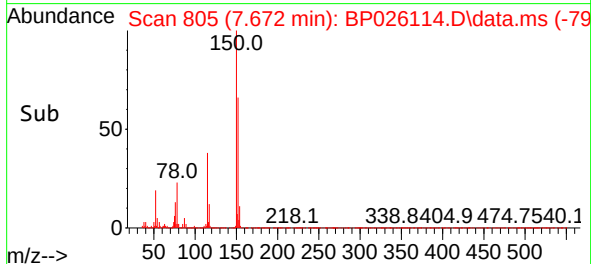
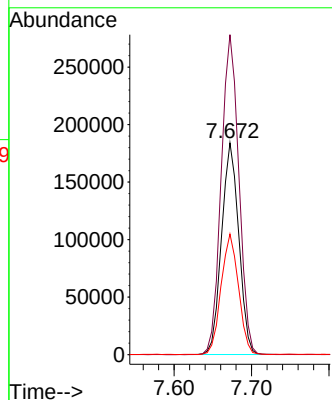
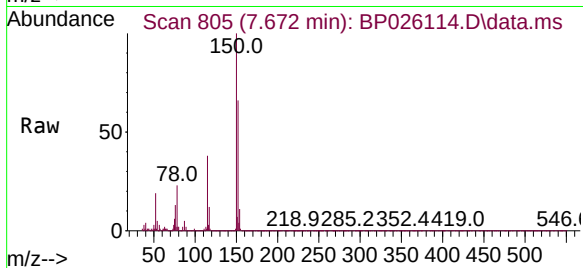




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

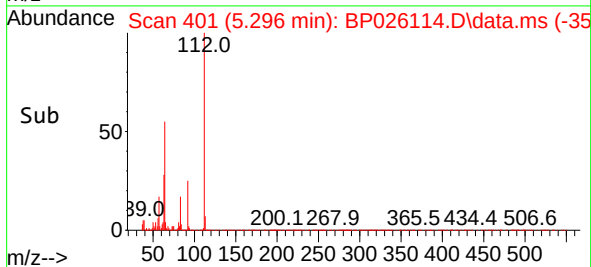
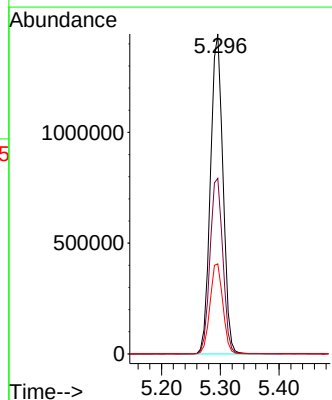
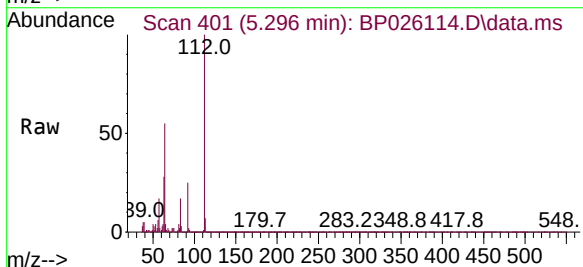
Instrument :
BNA_P
ClientSampleId :
TP-5

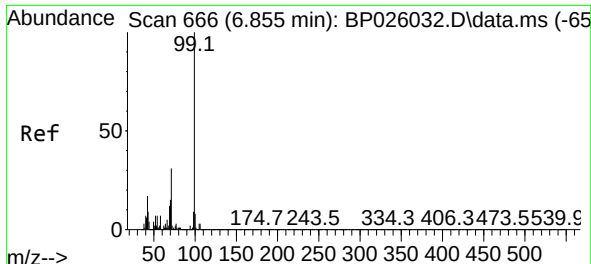
Tgt Ion:152 Resp: 285297
Ion Ratio Lower Upper
152 100
150 151.1 125.7 188.5
115 56.9 46.4 69.6



#5
2-Fluorophenol
Concen: 123.643 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:112 Resp: 2137748
Ion Ratio Lower Upper
112 100
64 54.9 47.4 71.2
63 28.1 24.2 36.4

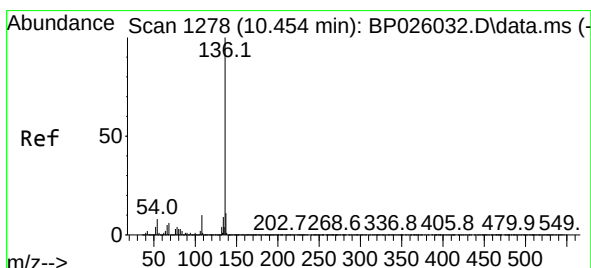
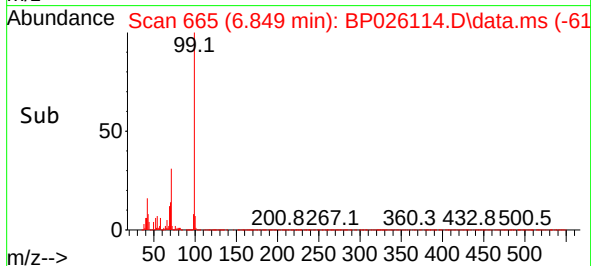
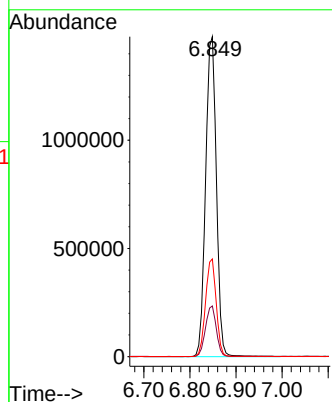
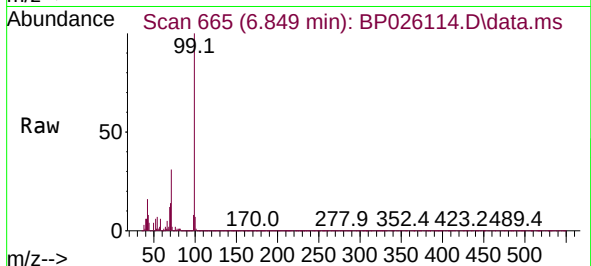




#7
Phenol-d6
Concen: 108.676 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

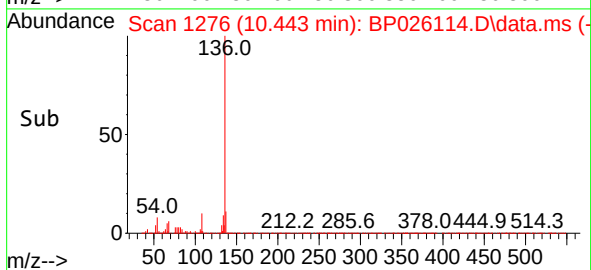
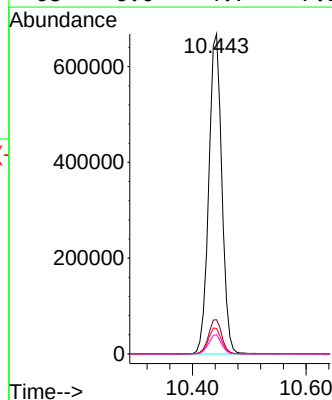
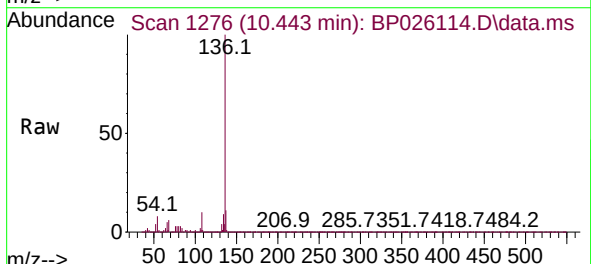
Instrument :
BNA_P
ClientSampleId :
TP-5

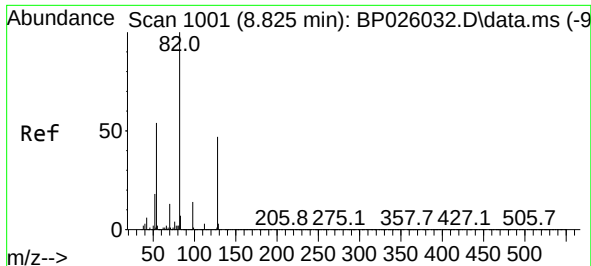
Tgt Ion: 99 Resp: 2391566
Ion Ratio Lower Upper
99 100
42 15.8 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:136 Resp: 1067622
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.6 10.0
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 97.107 ng

RT: 8.807 min Scan# 99

Delta R.T. -0.018 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Instrument :

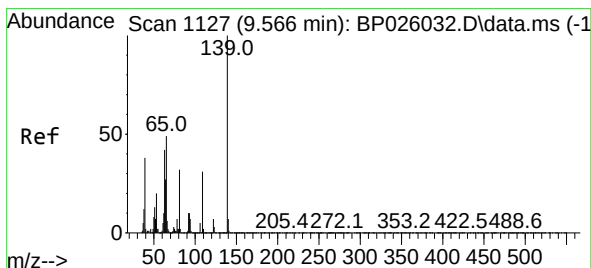
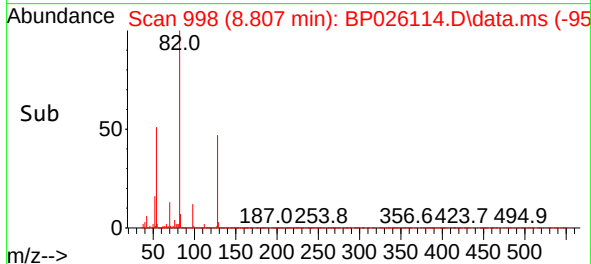
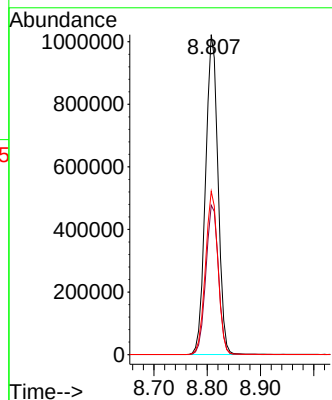
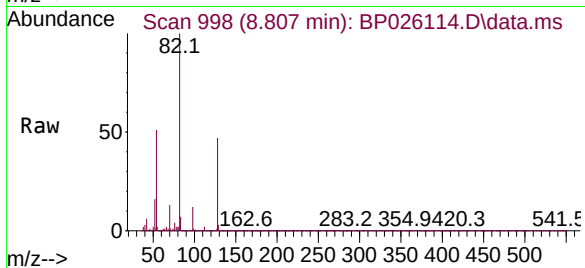
BNA_P

ClientSampleId :

TP-5

Tgt Ion: 82 Resp: 1663031

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	51.0	42.7	64.1



#26

2-Nitrophenol

Concen: 2.692 ng

RT: 9.548 min Scan# 1124

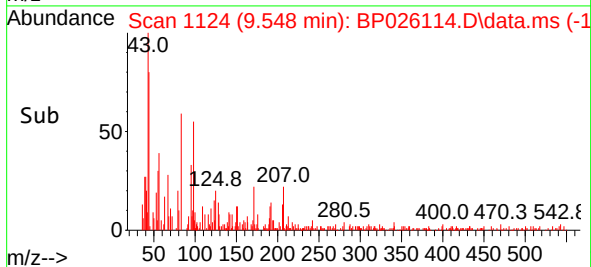
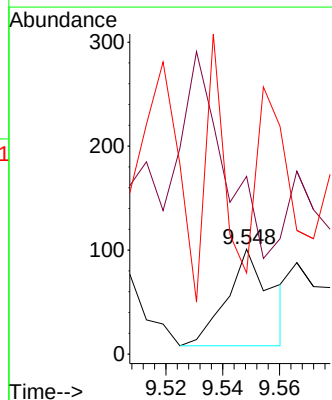
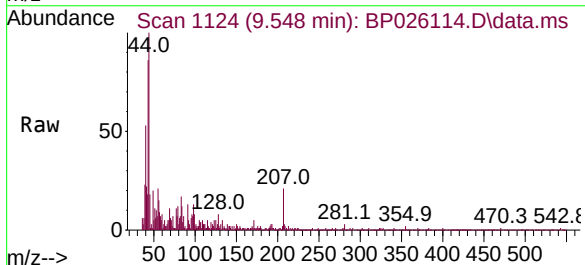
Delta R.T. -0.018 min

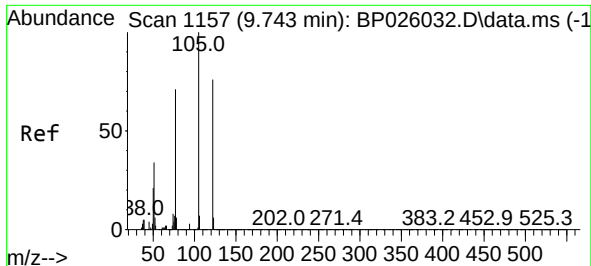
Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Tgt Ion:139 Resp: 101

Ion	Ratio	Lower	Upper
139	100		
109	169.3	24.8	37.2#
65	77.2	39.0	58.4#

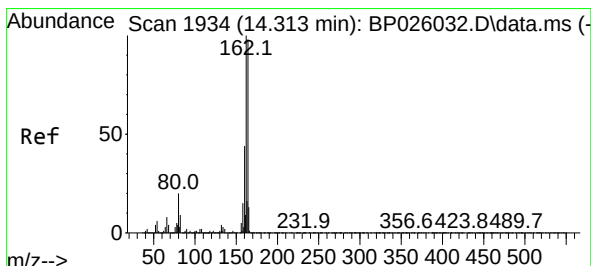
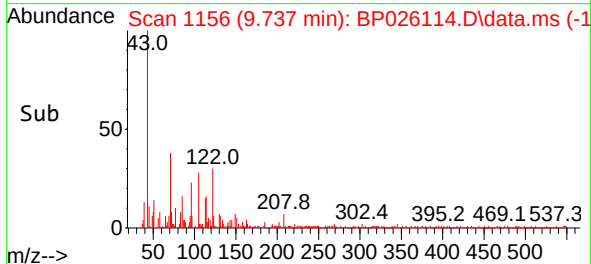
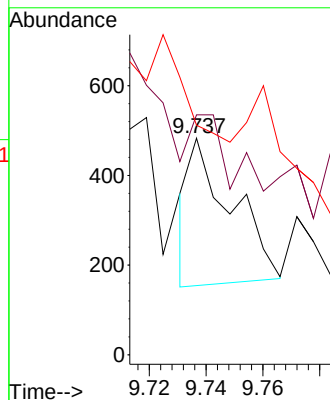
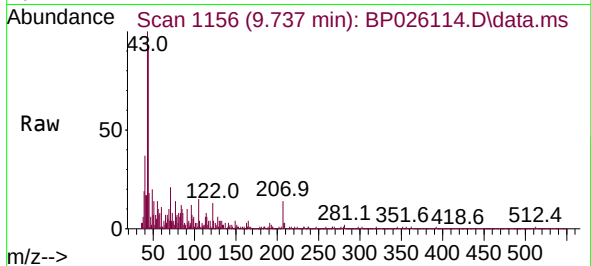




#32
Benzoic acid
Concen: 3.163 ng
RT: 9.737 min Scan# 1157
Delta R.T. -0.041 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

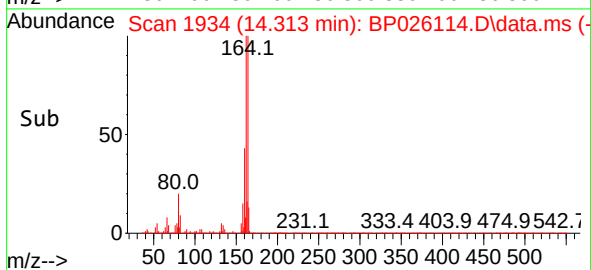
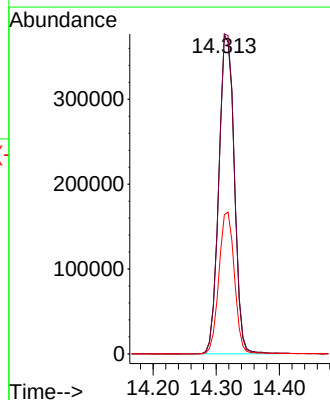
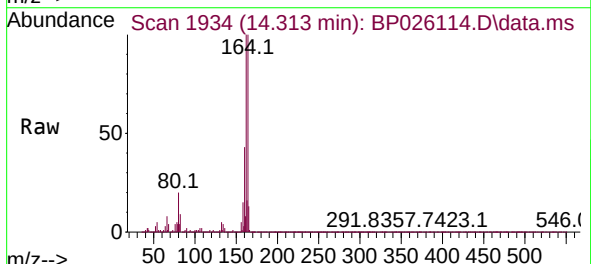
Instrument :
BNA_P
ClientSampleId :
TP-5

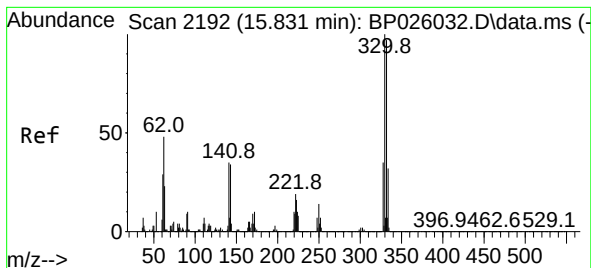
Tgt Ion:	122	Resp:	336
Ion	Ratio	Lower	Upper
122	100		
105	110.8	104.8	144.8
77	106.0	70.9	110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:	164	Resp:	638322
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	43.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 155.958 ng

RT: 15.836 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Instrument :

BNA_P

ClientSampleId :

TP-5

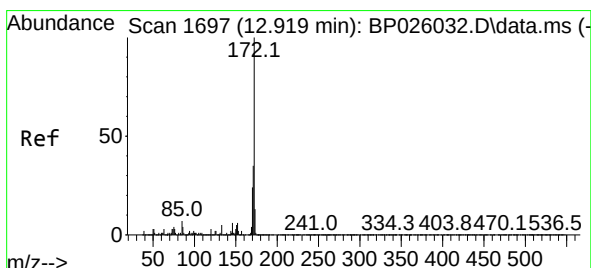
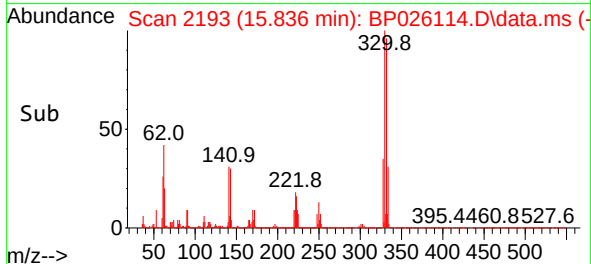
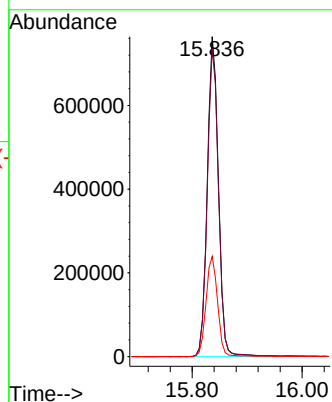
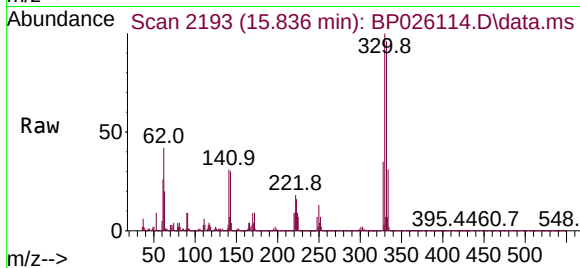
Tgt Ion:330 Resp: 1076245

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 32.5 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 87.486 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

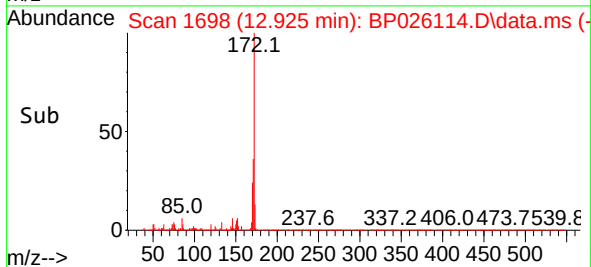
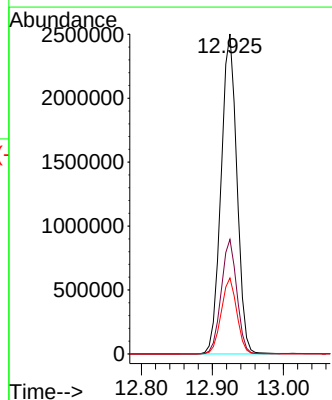
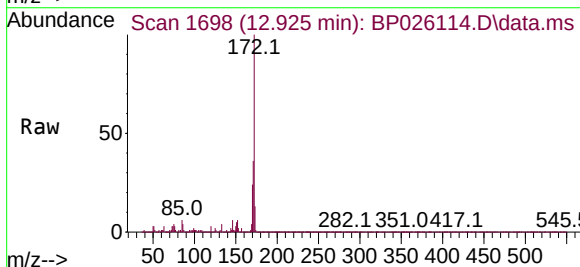
Tgt Ion:172 Resp: 3886373

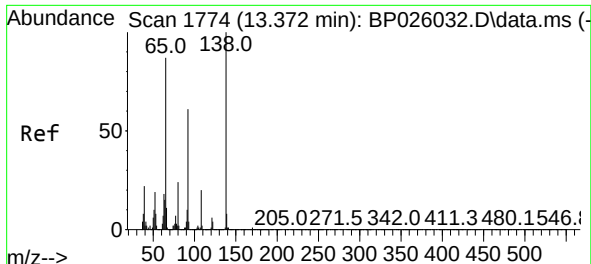
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 23.7 19.0 28.4

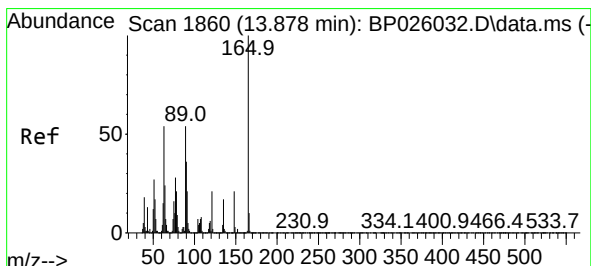
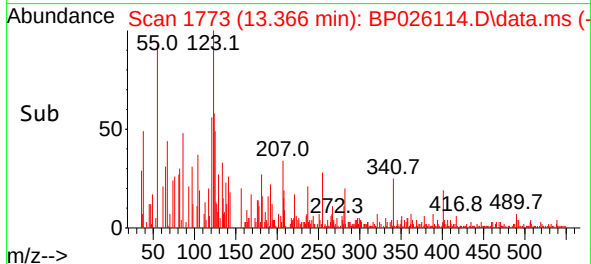
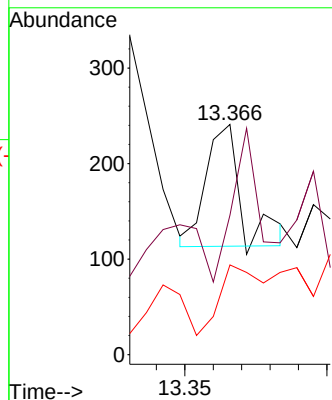
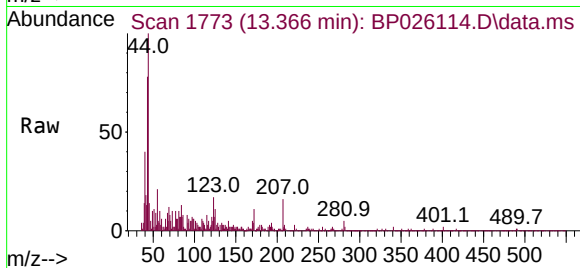




#48
2-Nitroaniline
Concen: 2.920 ng
RT: 13.366 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

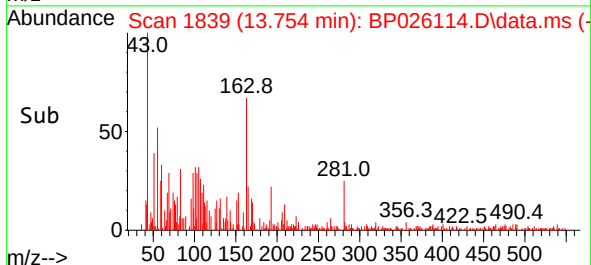
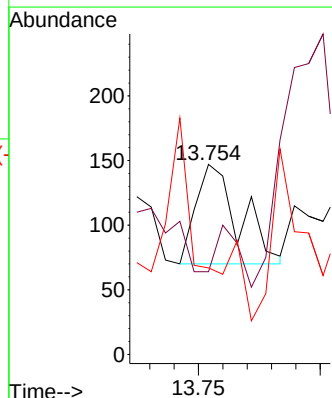
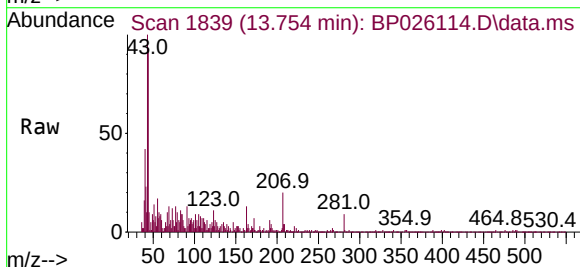
Instrument :
BNA_P
ClientSampleId :
TP-5

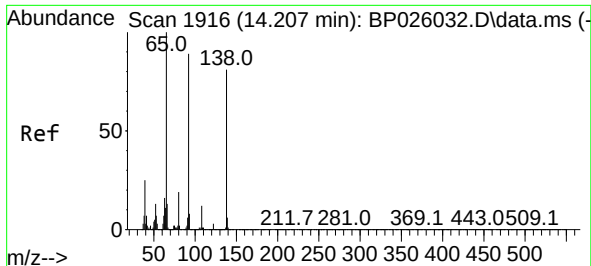
Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 60.6 55.5 83.3
138 39.0 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.001 ng
RT: 13.754 min Scan# 1839
Delta R.T. -0.124 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion: 165 Resp: 95
Ion Ratio Lower Upper
165 100
63 43.5 43.0 64.4
89 45.6 43.0 64.4

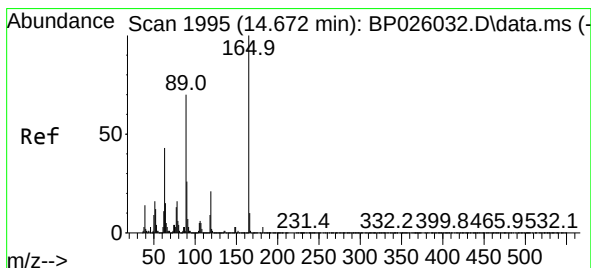
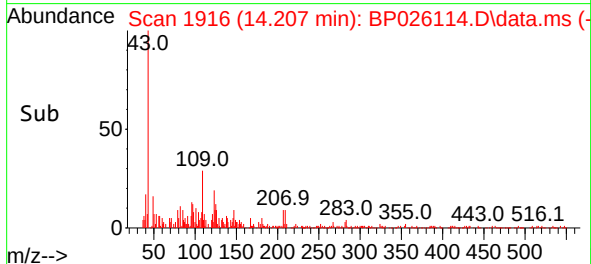
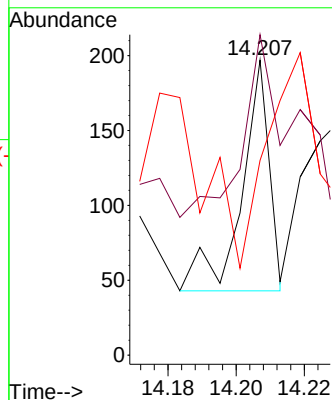
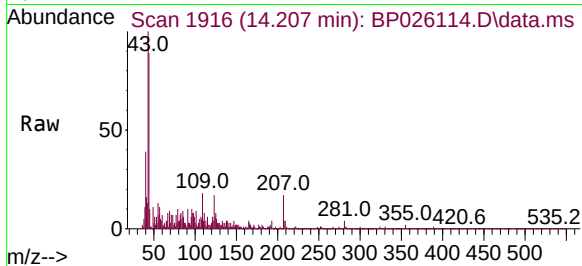




#53
3-Nitroaniline
Concen: 2.645 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

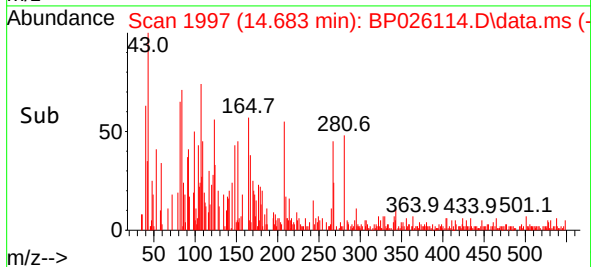
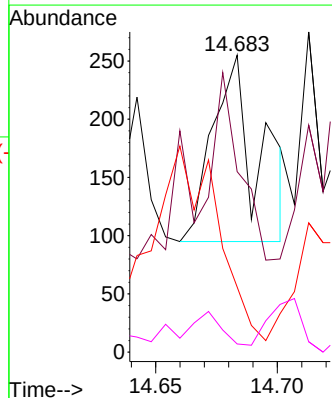
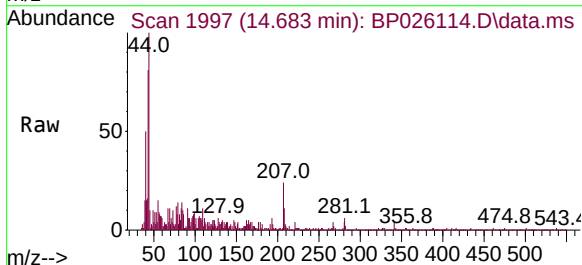
Instrument :
BNA_P
ClientSampleId :
TP-5

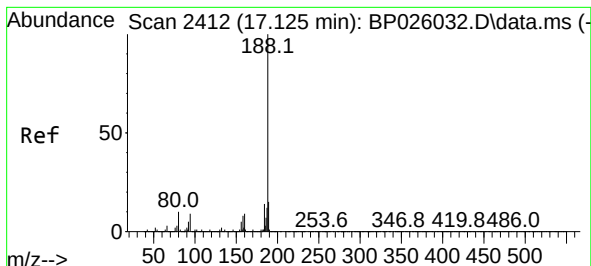
Tgt Ion:138 Resp: 87
Ion Ratio Lower Upper
138 100
108 108.6 11.4 17.0#
92 66.0 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.102 ng
RT: 14.683 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:165 Resp: 208
Ion Ratio Lower Upper
165 100
63 60.8 34.2 51.2#
89 22.0 56.0 84.0#
182 2.7 2.2 3.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Instrument :

BNA_P

ClientSampleId :

TP-5

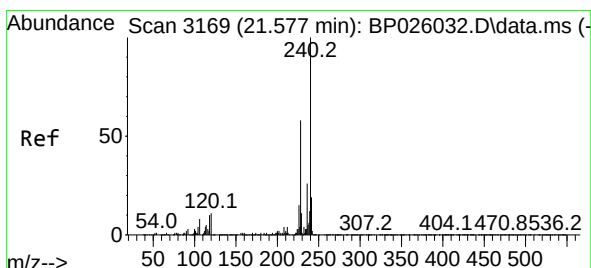
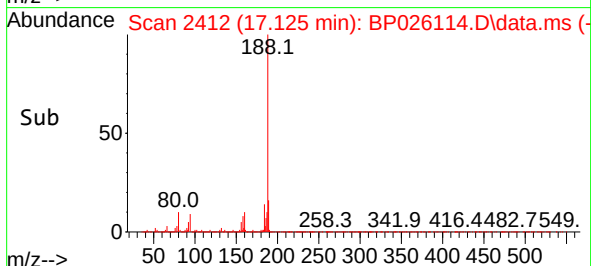
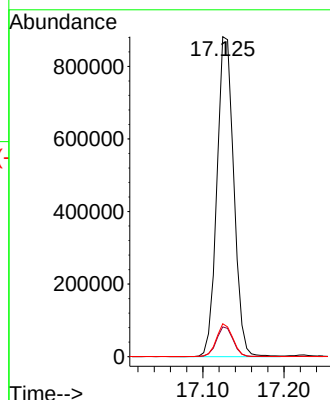
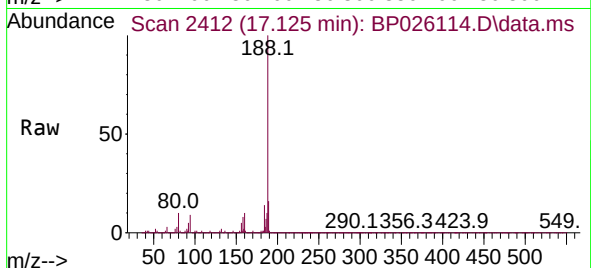
Tgt Ion:188 Resp: 1271555

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.3 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: BP026114.D

Acq: 12 Nov 2025 15:55

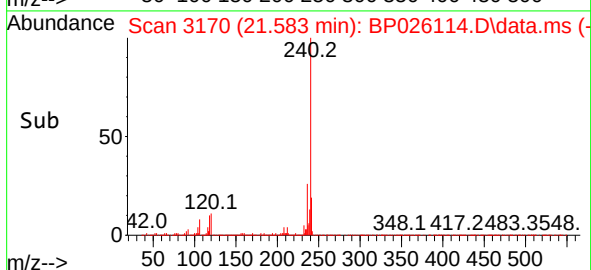
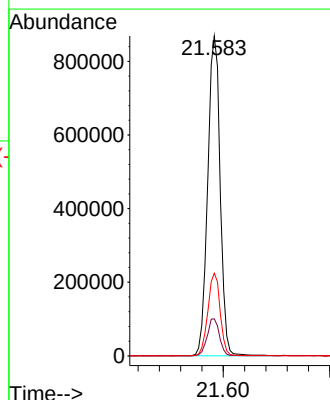
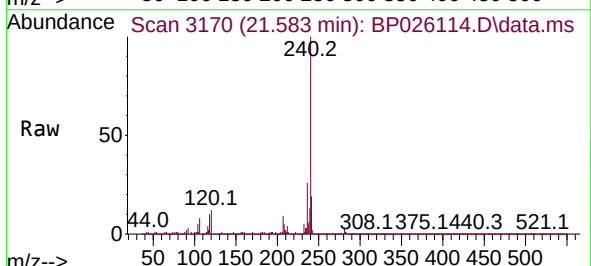
Tgt Ion:240 Resp: 1410533

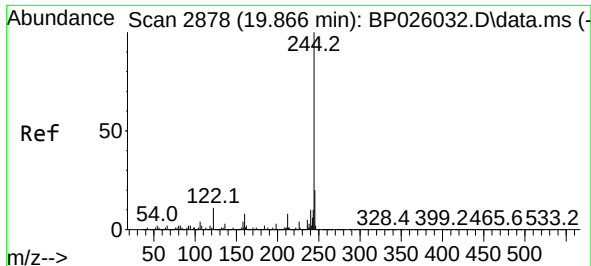
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 25.8 20.6 31.0

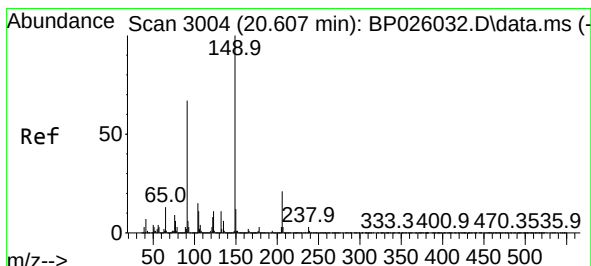
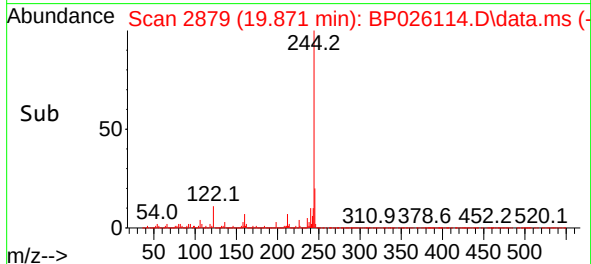
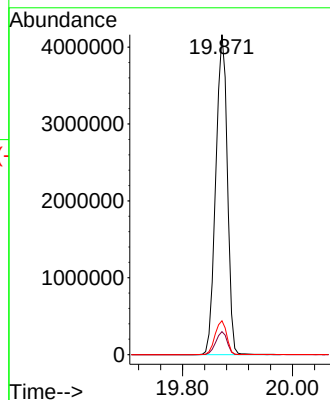
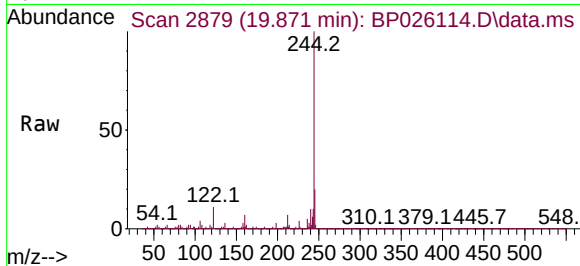




#79
 Terphenyl-d14
 Concen: 87.371 ng
 RT: 19.871 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BP026114.D
 Acq: 12 Nov 2025 15:55

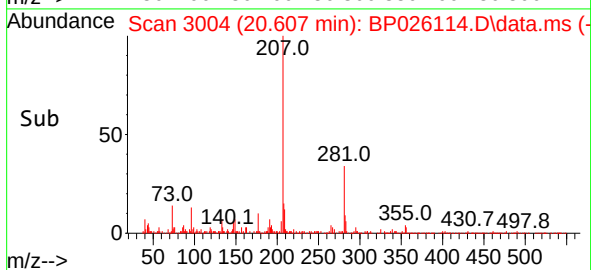
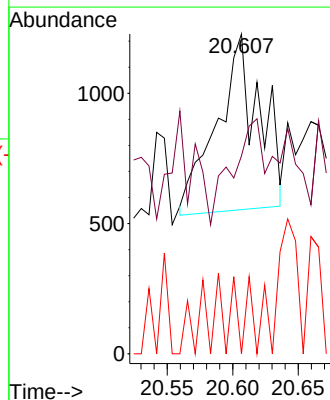
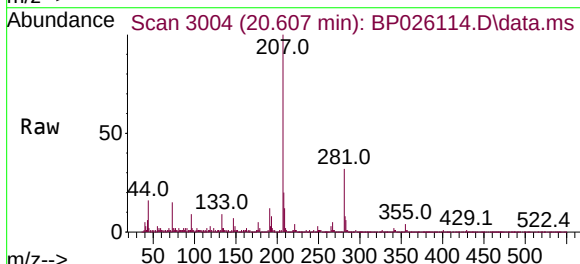
Instrument :
 BNA_P
 ClientSampleId :
 TP-5

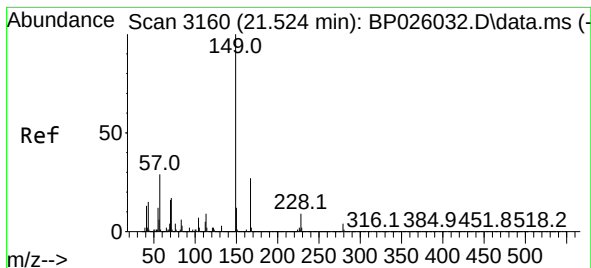
Tgt Ion:244 Resp: 6065918
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.437 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP026114.D
 Acq: 12 Nov 2025 15:55

Tgt Ion:149 Resp: 1524
 Ion Ratio Lower Upper
 149 100
 91 61.9 53.5 80.3
 206 0.0 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.714 ng

RT: 21.536 min Scan# 3162

Delta R.T. 0.018 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Instrument :

BNA_P

ClientSampleId :

TP-5

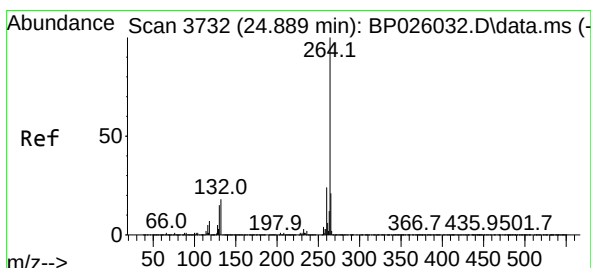
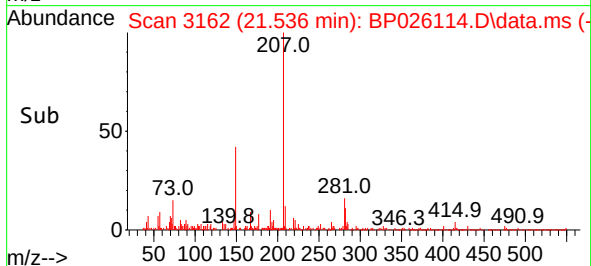
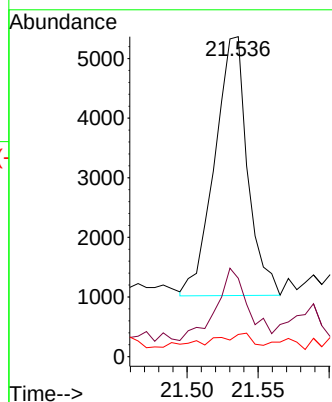
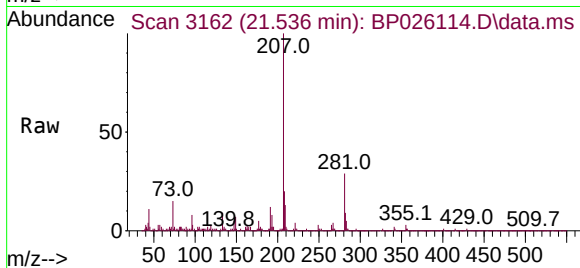
Tgt Ion:149 Resp: 7016

Ion Ratio Lower Upper

149 100

167 24.5 21.5 32.3

279 6.9 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 3737

Delta R.T. 0.035 min

Lab File: BP026114.D

Acq: 12 Nov 2025 15:55

Tgt Ion:264 Resp: 1598848

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.6 17.2 25.8

