

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026109.D
 Acq On : 12 Nov 2025 12:17
 Operator : RC/JU
 Sample : PB170495BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170495BL

Quant Time: Nov 12 12:48:52 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)

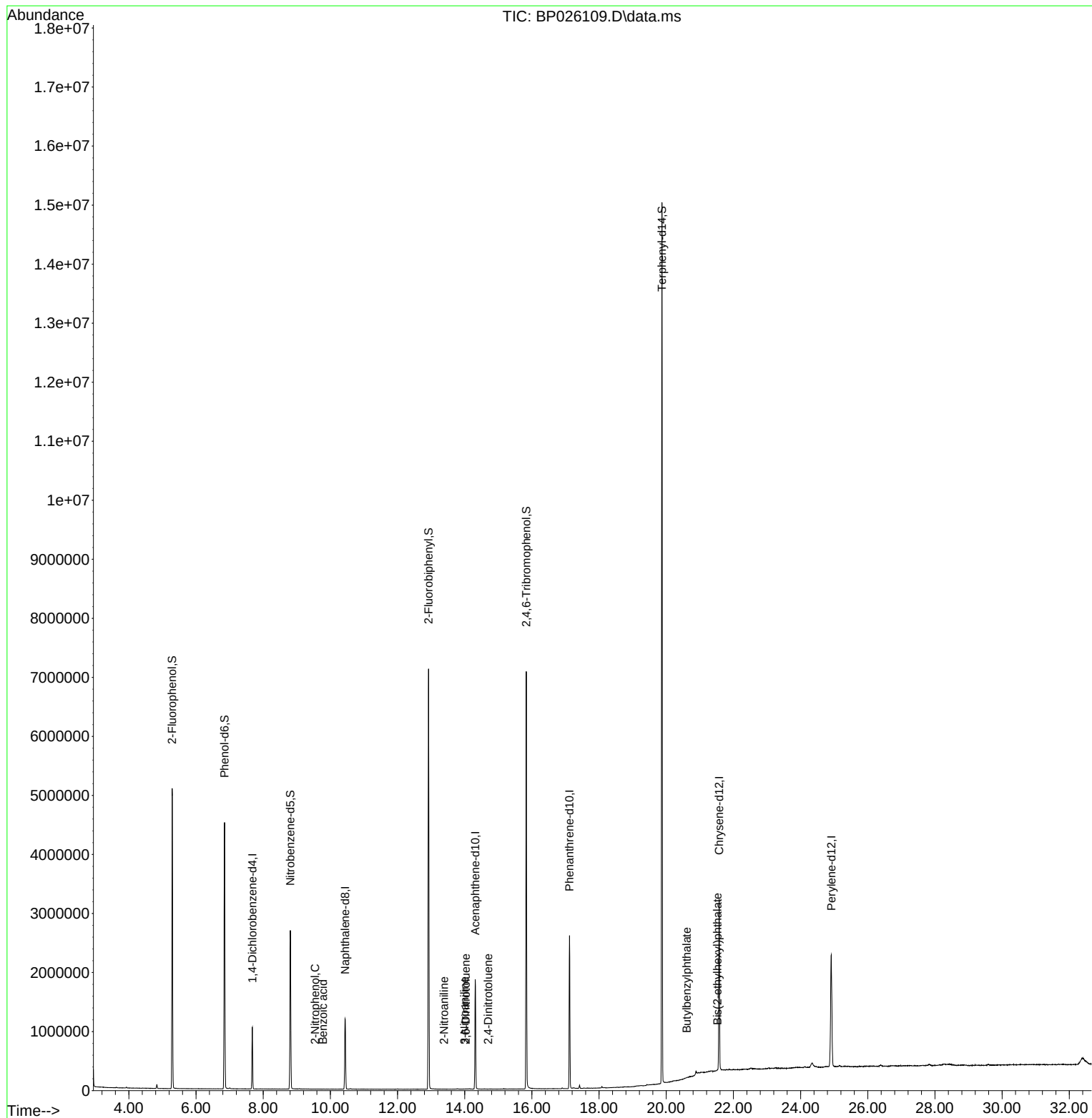
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	293871	20.000	ng	-0.01
21) Naphthalene-d8	10.437	136	1121901	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	726422	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1609745	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1764406	20.000	ng	0.01
86) Perylene-d12	24.913	264	1941929	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2324199	130.505	ng	0.00
7) Phenol-d6	6.849	99	2827216	124.724	ng	0.00
23) Nitrobenzene-d5	8.808	82	1635881	90.900	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	1267076	161.342	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4062910	80.368	ng	0.00
79) Terphenyl-d14	19.872	244	7409638	85.321	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.549	139	70	2.687	ng	# 1
32) Benzoic acid	9.778	122	31	3.120	ng	# 1
48) 2-Nitroaniline	13.384	65	128	2.920	ng	# 42
51) 2,6-Dinitrotoluene	14.025	165	90	2.999	ng	95
53) 3-Nitroaniline	13.996	138	124	2.647	ng	96
57) 2,4-Dinitrotoluene	14.696	165	133	3.095	ng	# 55
80) Butylbenzylphthalate	20.613	149	433	3.406	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.525	149	7793	2.701	ng	# 98

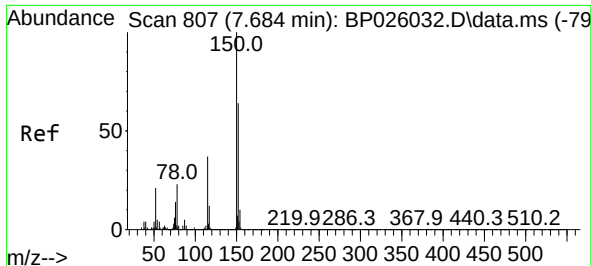
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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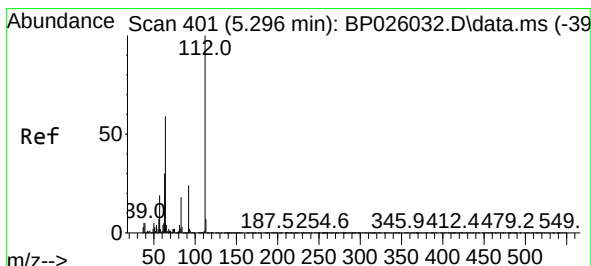
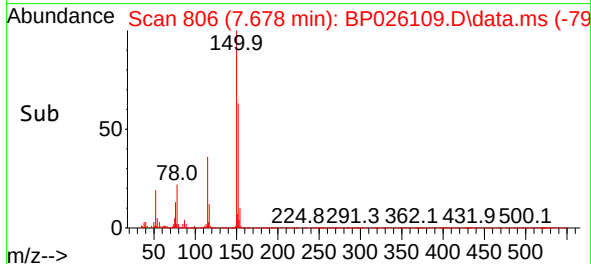
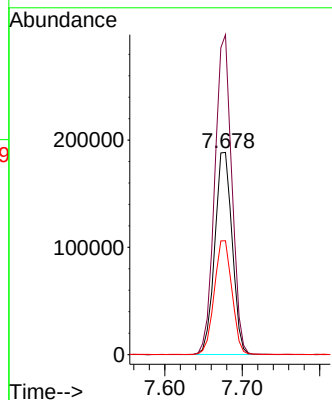
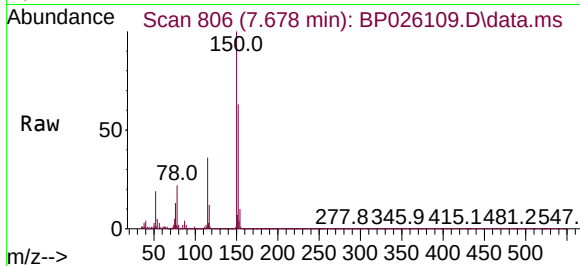




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

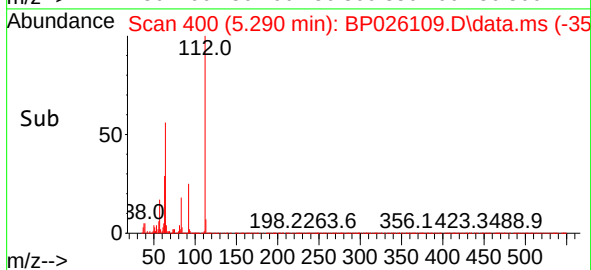
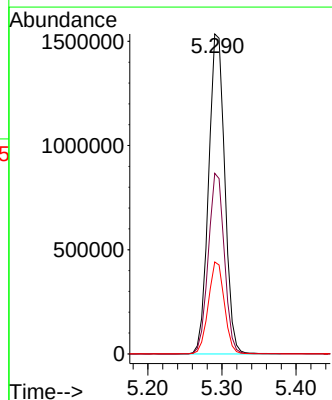
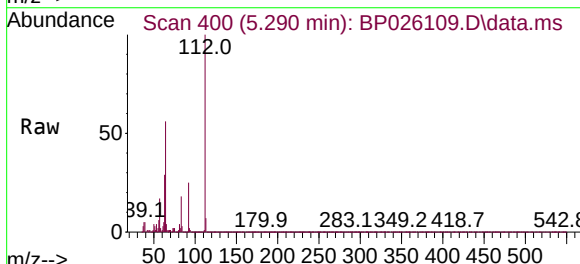
Instrument :
BNA_P
ClientSampleId :
PB170495BL

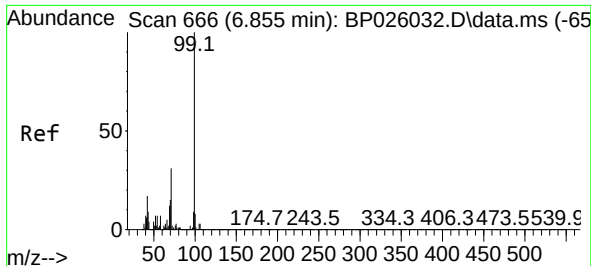
Tgt Ion:152 Resp: 293871
Ion Ratio Lower Upper
152 100
150 158.3 125.7 188.5
115 56.3 46.4 69.6



#5
2-Fluorophenol
Concen: 130.505 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion:112 Resp: 2324199
Ion Ratio Lower Upper
112 100
64 56.4 47.4 71.2
63 28.7 24.2 36.4

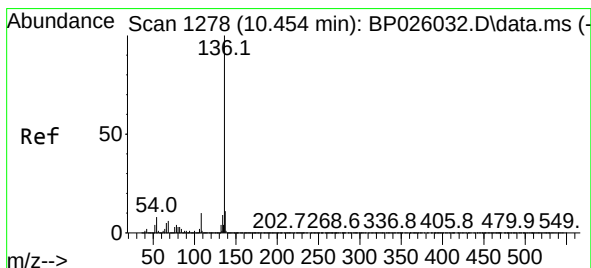
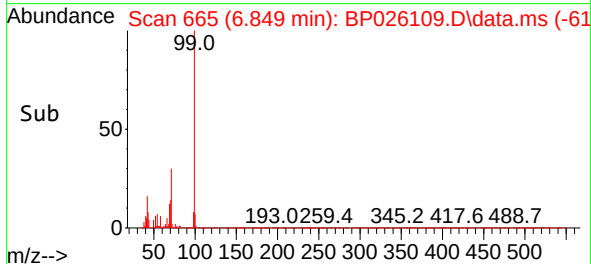
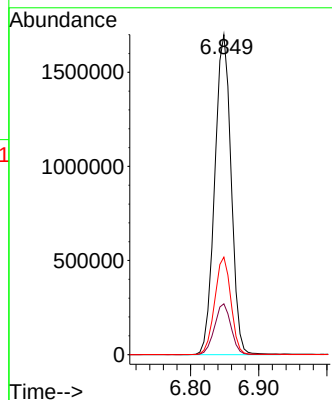
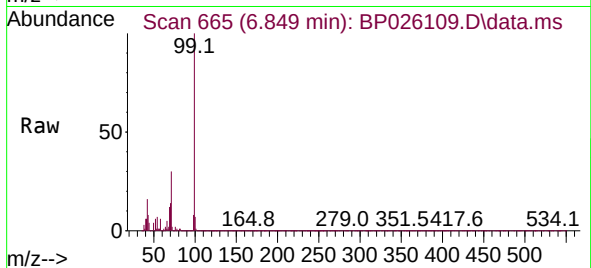




#7
Phenol-d6
Concen: 124.724 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

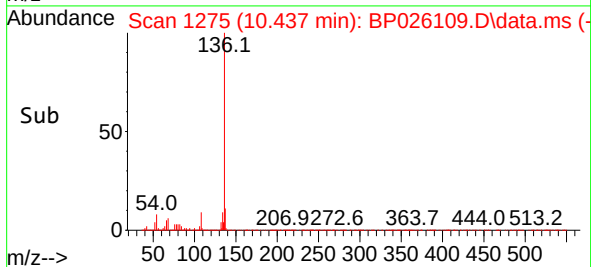
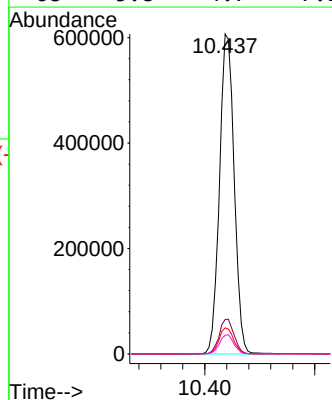
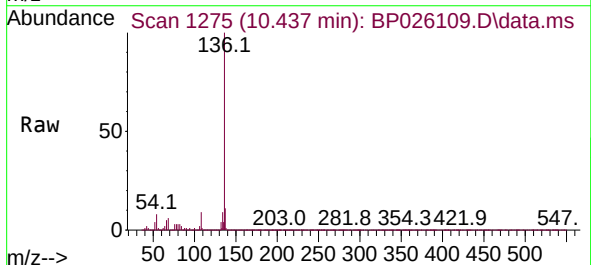
Instrument :
BNA_P
ClientSampleId :
PB170495BL

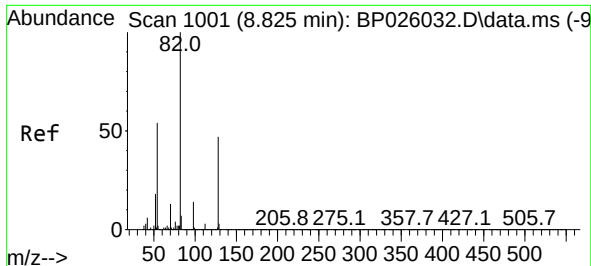
Tgt Ion: 99 Resp: 2827216
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion:136 Resp: 1121901
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.6 10.0
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 90.900 ng

RT: 8.808 min Scan# 99

Delta R.T. -0.017 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

Instrument :

BNA_P

ClientSampleId :

PB170495BL

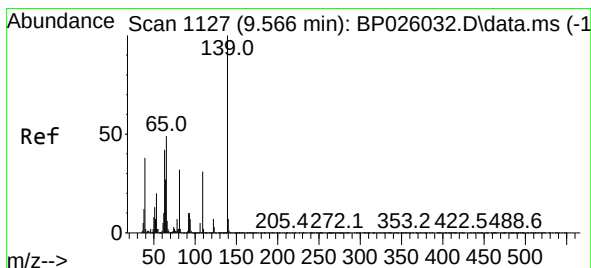
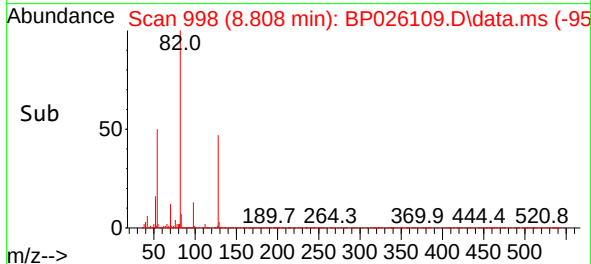
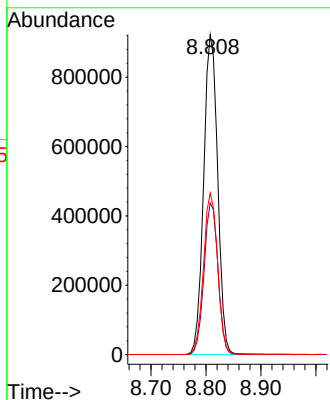
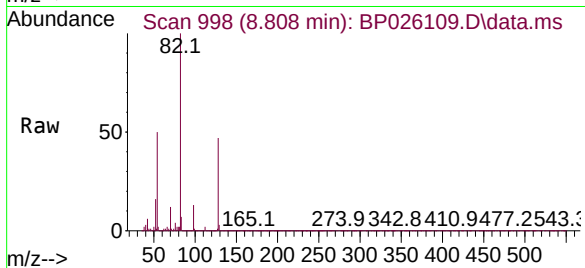
Tgt Ion: 82 Resp: 1635881

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.0

54 50.5 42.7 64.1



#26

2-Nitrophenol

Concen: 2.687 ng

RT: 9.549 min Scan# 1124

Delta R.T. -0.017 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

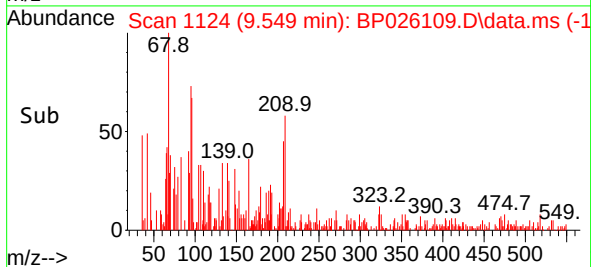
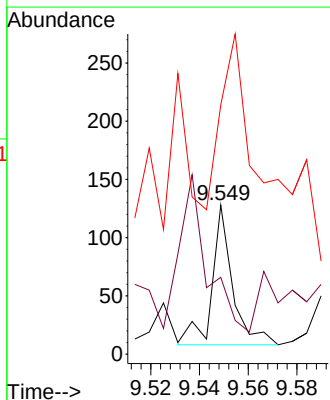
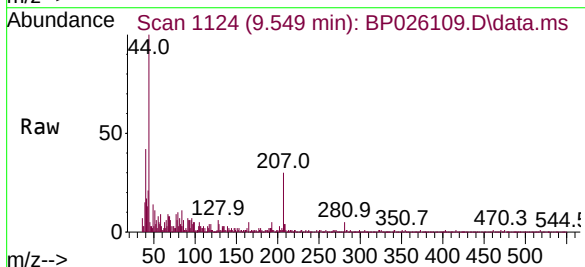
Tgt Ion:139 Resp: 70

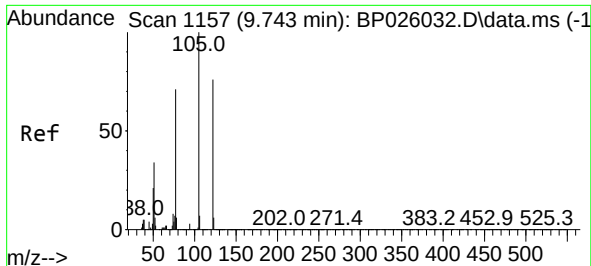
Ion Ratio Lower Upper

139 100

109 51.6 24.8 37.2#

65 167.2 39.0 58.4#





#32

Benzoic acid

Concen: 3.120 ng

RT: 9.778 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

Instrument :

BNA_P

ClientSampleId :

PB170495BL

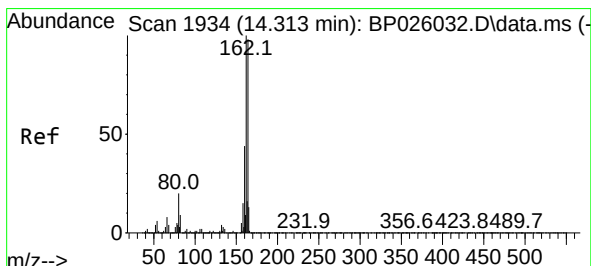
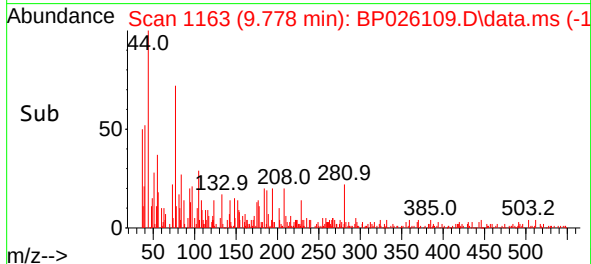
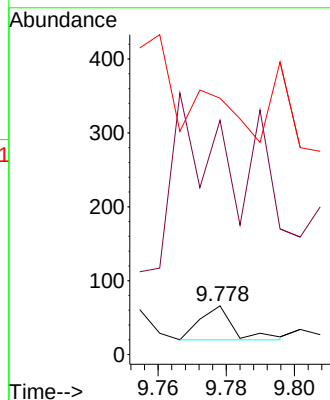
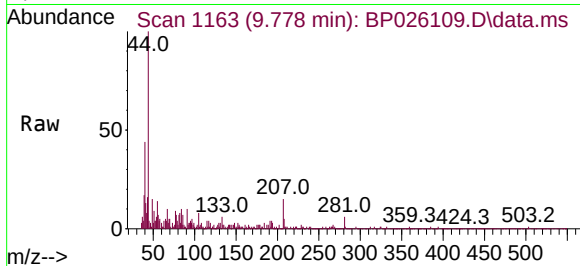
Tgt Ion:122 Resp: 31

Ion Ratio Lower Upper

122 100

105 480.3 104.8 144.8#

77 525.8 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: BP026109.D

Acq: 12 Nov 2025 12:17

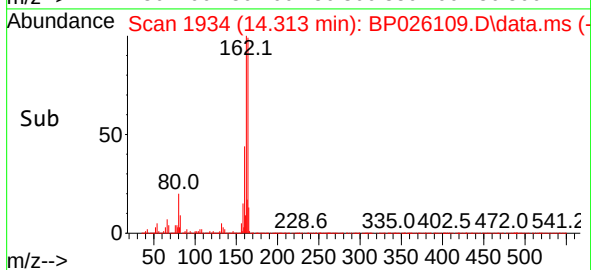
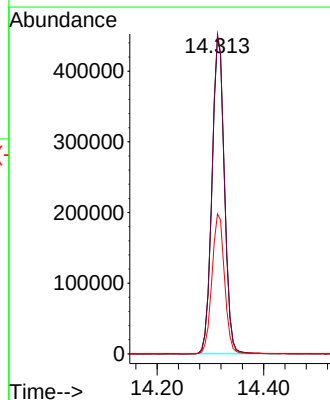
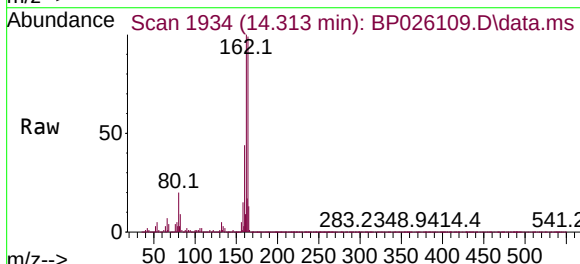
Tgt Ion:164 Resp: 726422

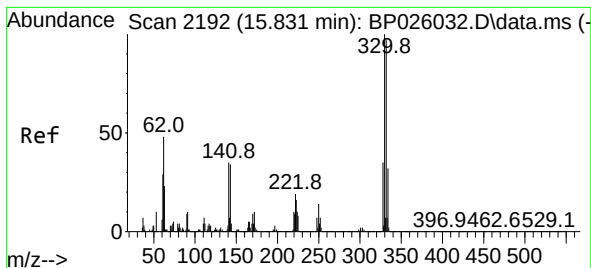
Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 44.2 36.2 54.4

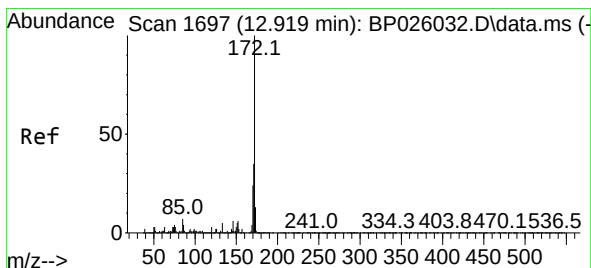
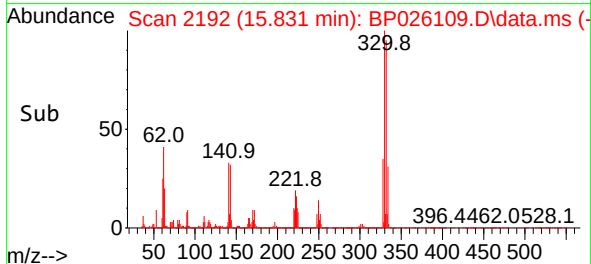
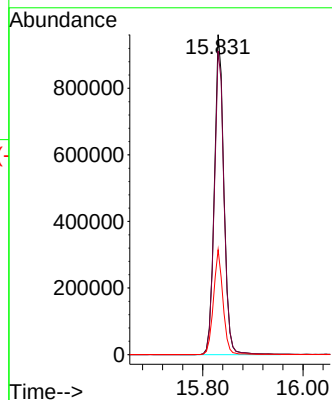
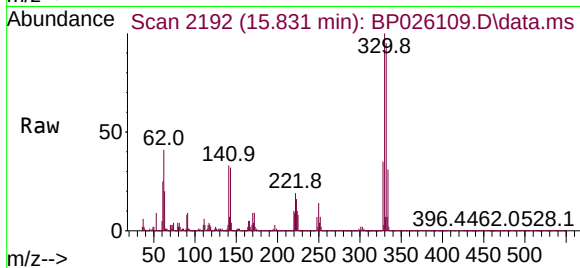




#42
2,4,6-Tribromophenol
Concen: 161.342 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

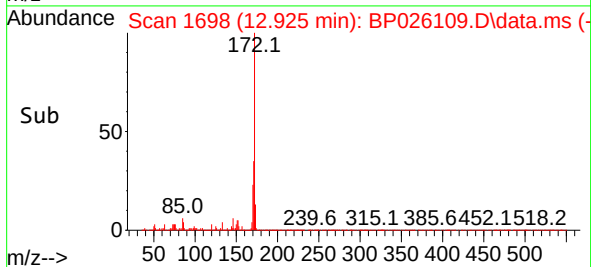
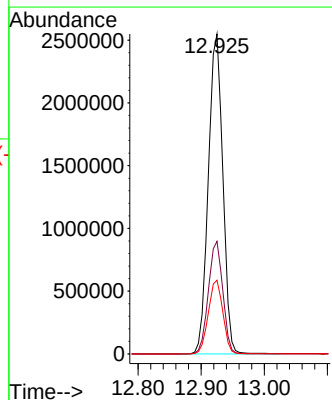
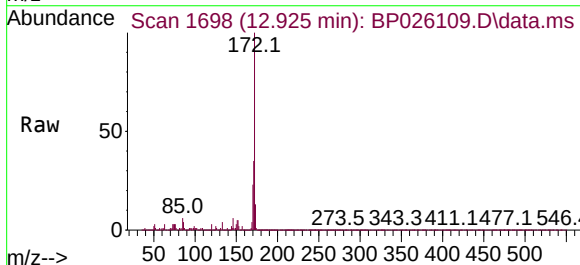
Instrument :
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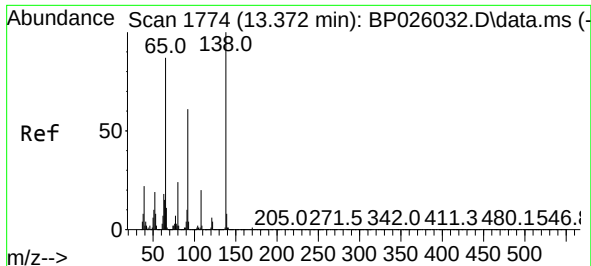
Tgt Ion: 330 Resp: 1267076
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.6 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 80.368 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion: 172 Resp: 4062910
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.0 19.0 28.4

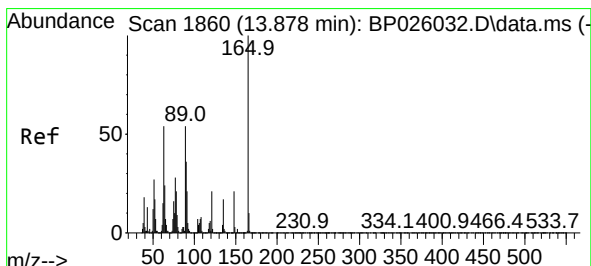
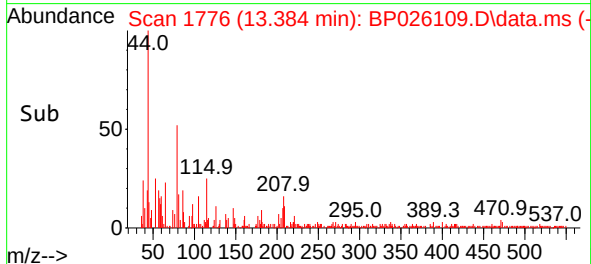
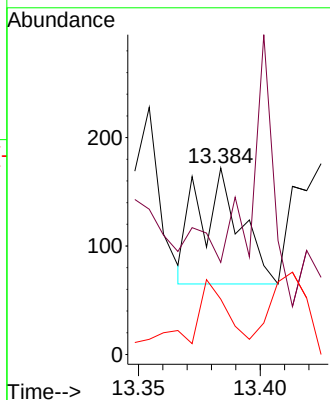
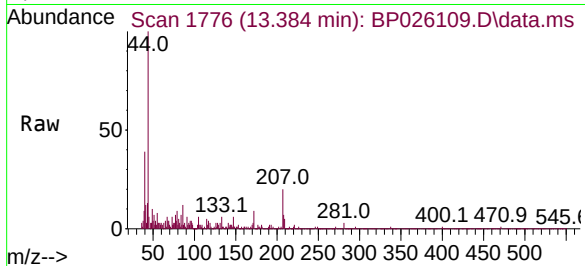




#48
2-Nitroaniline
Concen: 2.920 ng
RT: 13.384 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

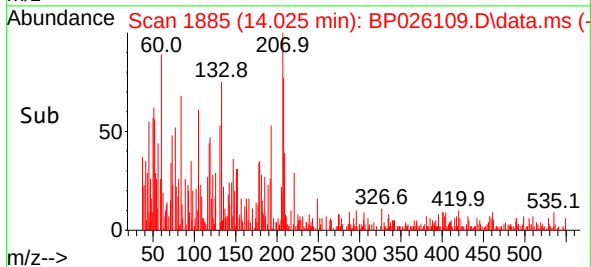
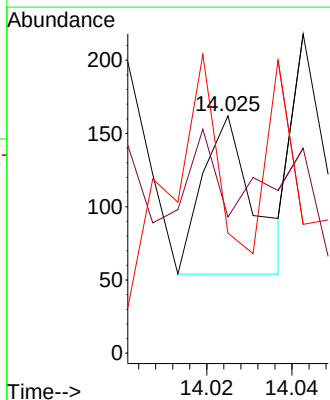
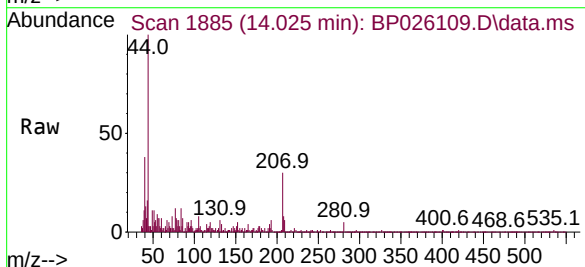
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BNA_P
ClientSampleId :
PB170495BL

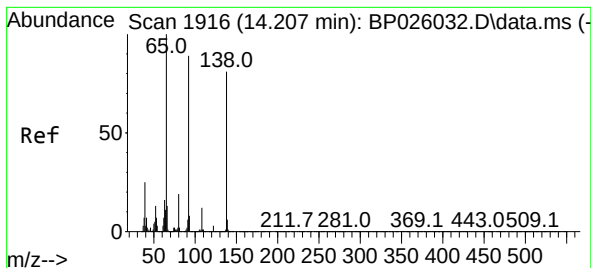
Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 49.4 55.5 83.3#
138 29.7 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.999 ng
RT: 14.025 min Scan# 1885
Delta R.T. 0.147 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion: 165 Resp: 90
Ion Ratio Lower Upper
165 100
63 57.4 43.0 64.4
89 50.6 43.0 64.4

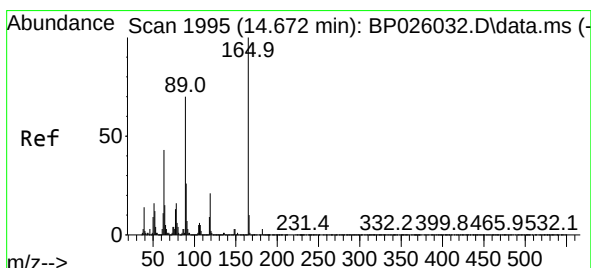
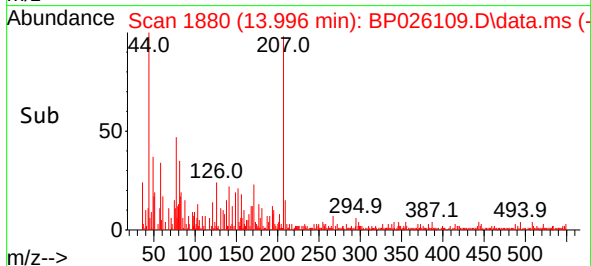
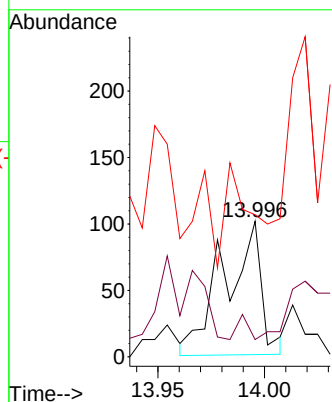
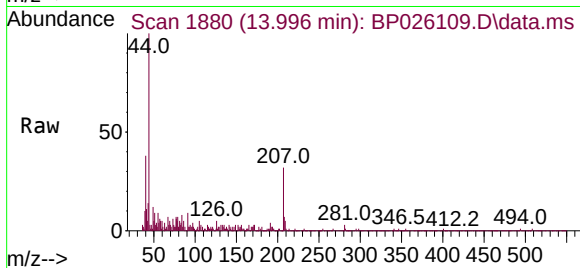




#53
3-Nitroaniline
Concen: 2.647 ng
RT: 13.996 min Scan# 1880
Delta R.T. -0.211 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

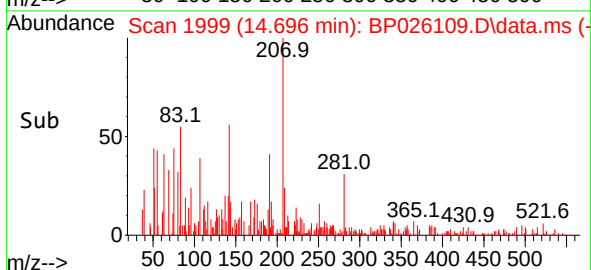
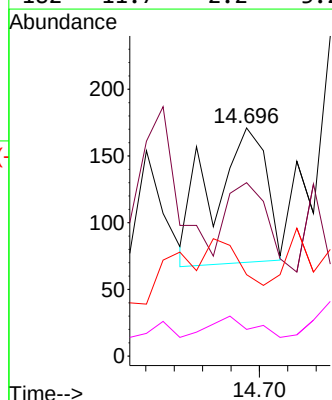
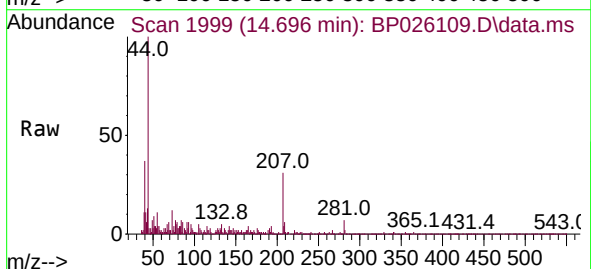
Instrument :
BNA_P
ClientSampleId :
PB170495BL

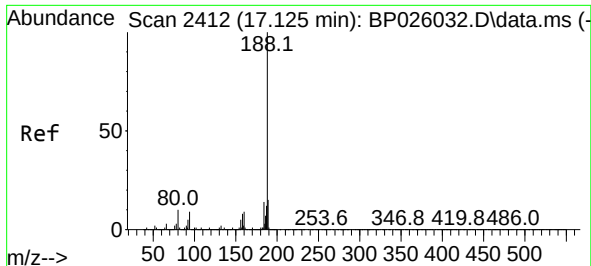
Tgt Ion:	138	Resp:	124
Ion	Ratio	Lower	Upper
138	100		
108	12.7	11.4	17.0
92	104.9	87.1	130.7



#57
2,4-Dinitrotoluene
Concen: 3.095 ng
RT: 14.696 min Scan# 1999
Delta R.T. 0.018 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion:	165	Resp:	133
Ion	Ratio	Lower	Upper
165	100		
63	76.0	34.2	51.2#
89	35.7	56.0	84.0#
182	11.7	2.2	3.2#

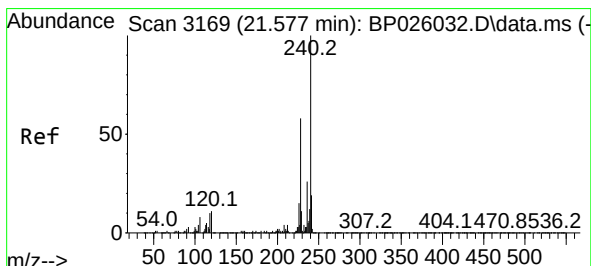
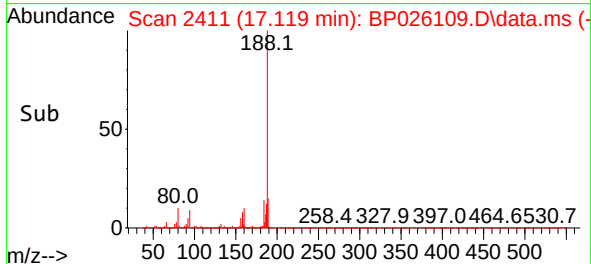
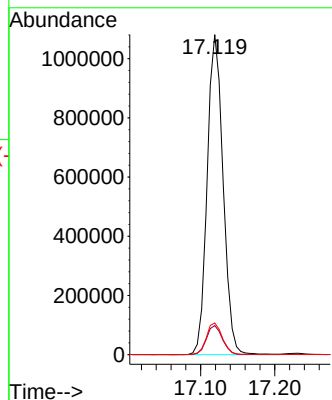
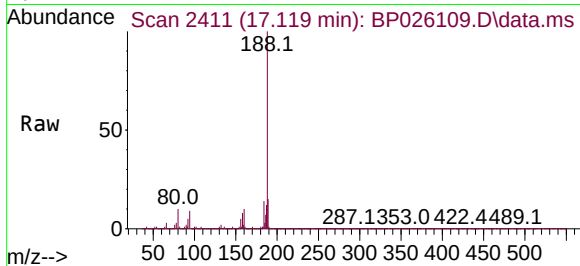




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

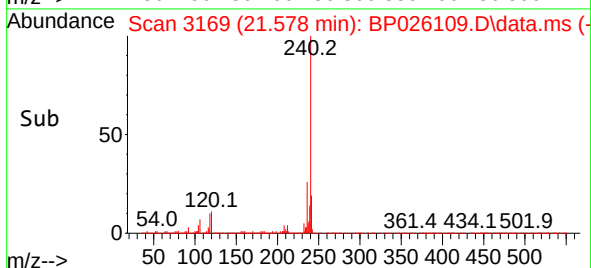
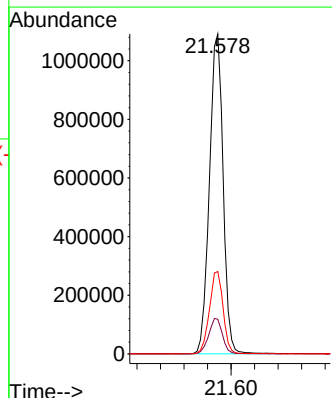
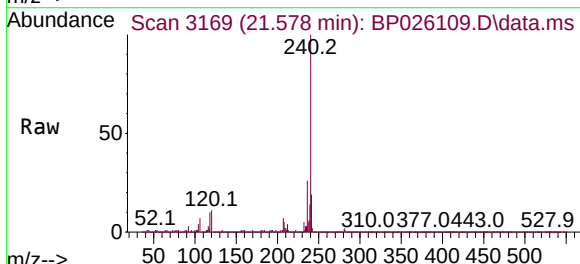
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BNA_P
ClientSampleId :
PB170495BL

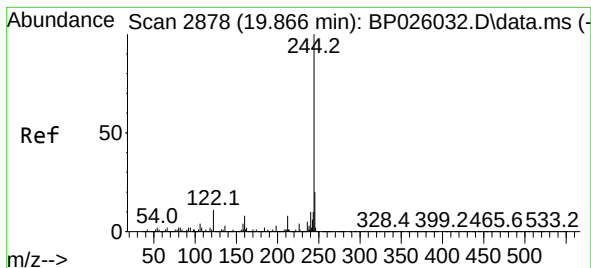
Tgt Ion:188 Resp: 1609745
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026109.D
Acq: 12 Nov 2025 12:17

Tgt Ion:240 Resp: 1764406
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 85.321 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

Instrument :

BNA_P

ClientSampleId :

PB170495BL

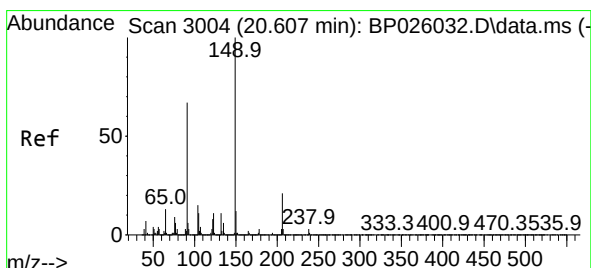
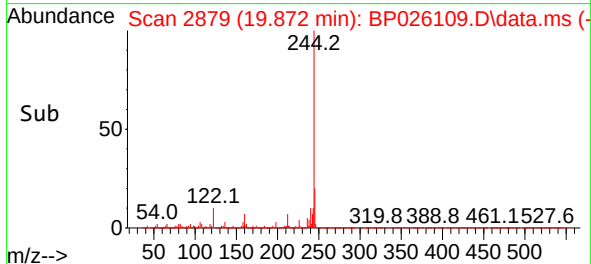
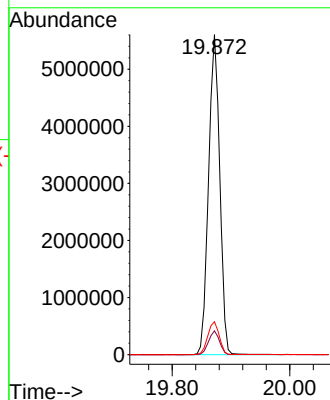
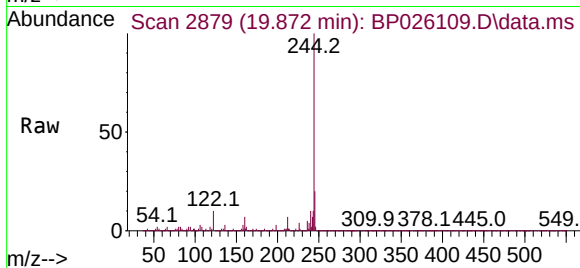
Tgt Ion:244 Resp: 7409638

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.406 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

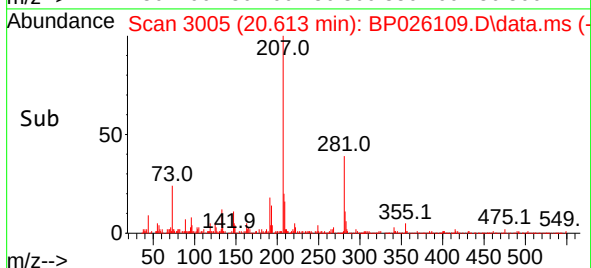
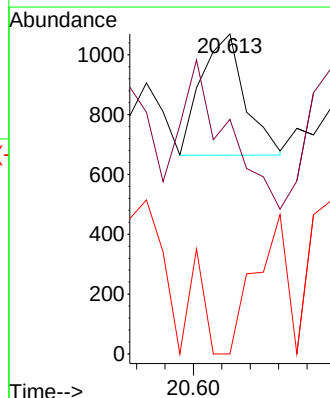
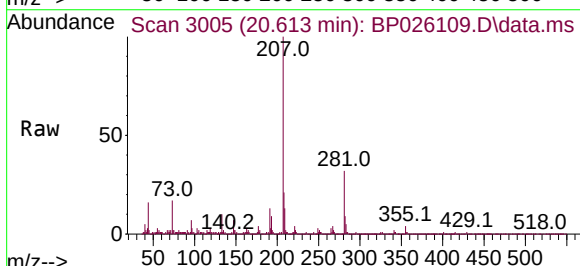
Tgt Ion:149 Resp: 433

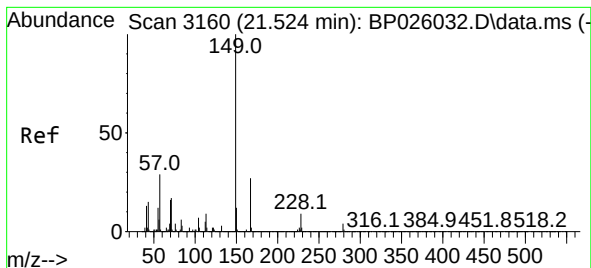
Ion Ratio Lower Upper

149 100

91 66.2 53.5 80.3

206 0.0 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.701 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.007 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

Instrument :

BNA_P

ClientSampleId :

PB170495BL

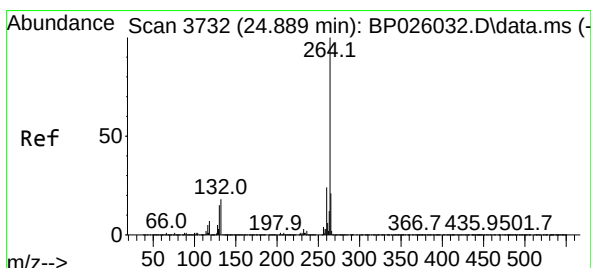
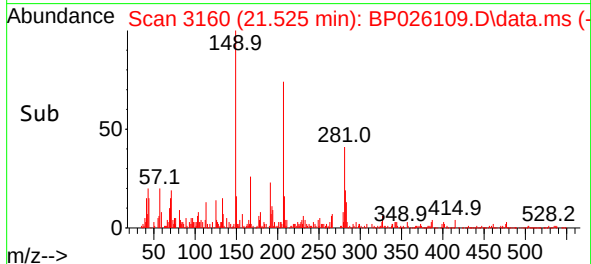
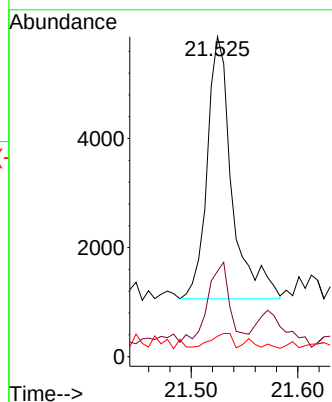
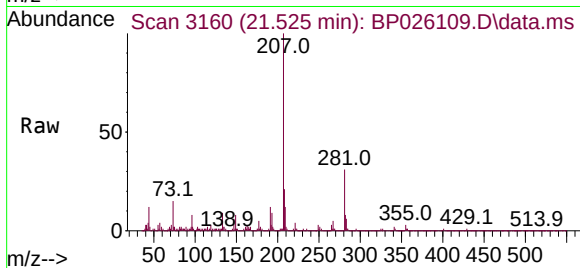
Tgt Ion:149 Resp: 7793

Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 8.6 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.913 min Scan# 3736

Delta R.T. 0.030 min

Lab File: BP026109.D

Acq: 12 Nov 2025 12:17

Tgt Ion:264 Resp: 1941929

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.9 17.2 25.8

