

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
 Data File : BP026127.D
 Acq On : 13 Nov 2025 14:05
 Operator : RC/JU
 Sample : PB170500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170500BL

Quant Time: Nov 13 19:06:40 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)

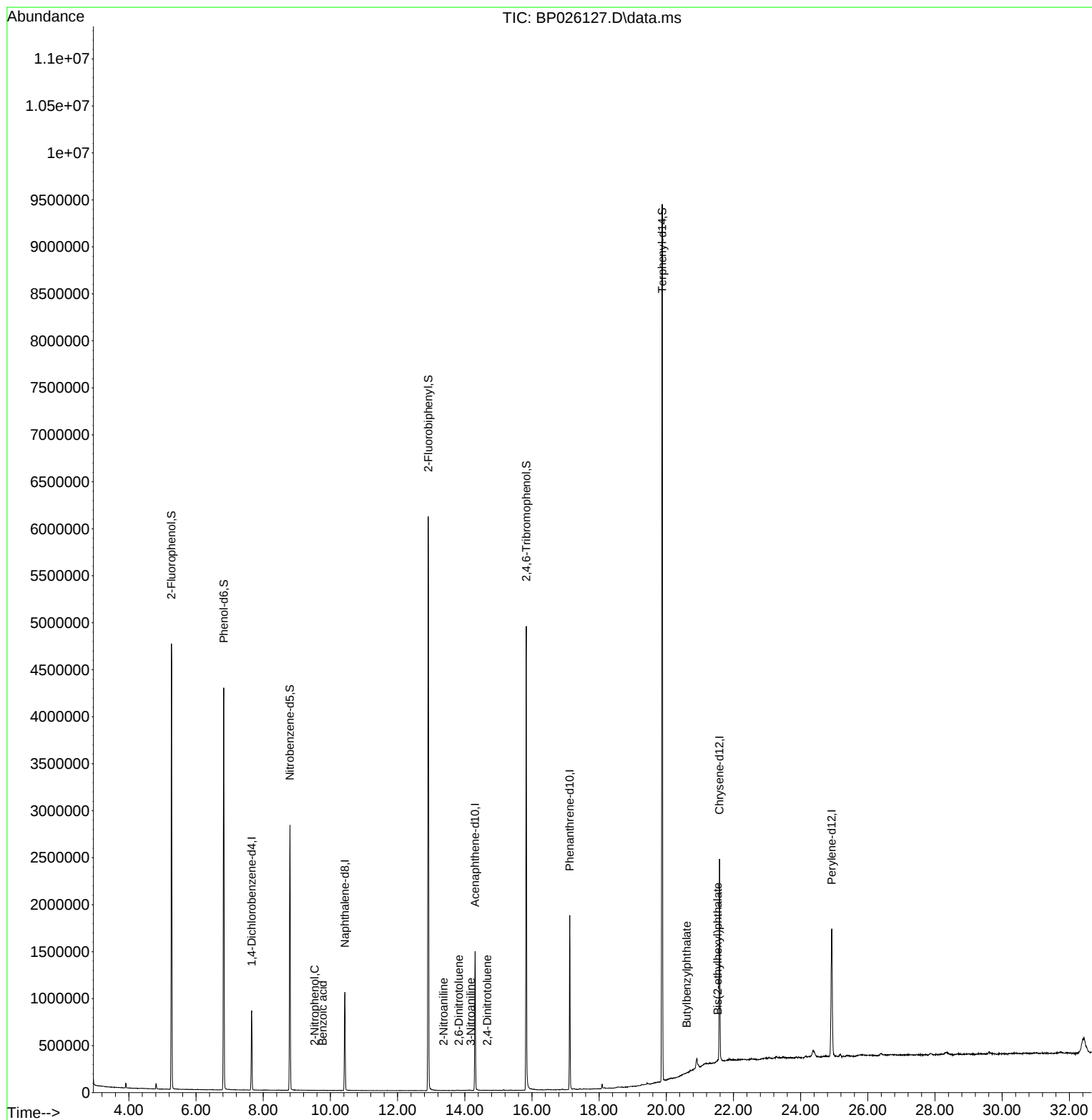
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	254050	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	930565	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	549278	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1080192	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1203137	20.000	ng	0.02
86) Perylene-d12	24.924	264	1394967	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.266	112	2127520	138.186	ng	-0.03
7) Phenol-d6	6.825	99	2551349	130.196	ng	-0.03
23) Nitrobenzene-d5	8.796	82	1473972	98.744	ng	-0.03
42) 2,4,6-Tribromophenol	15.831	330	917930	154.580	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3450652	90.270	ng	-0.02
79) Terphenyl-d14	19.878	244	5512132	93.081	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.531	139	94	2.692	ng	# 13
32) Benzoic acid	9.772	122	125	3.136	ng	# 1
48) 2-Nitroaniline	13.366	65	392	2.953	ng	# 32
51) 2,6-Dinitrotoluene	13.825	165	315	3.030	ng	# 89
53) 3-Nitroaniline	14.178	138	27	2.640	ng	# 1
57) 2,4-Dinitrotoluene	14.666	165	287	3.111	ng	# 94
80) Butylbenzylphthalate	20.613	149	1310	3.437	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.530	149	8382	2.761	ng	# 99

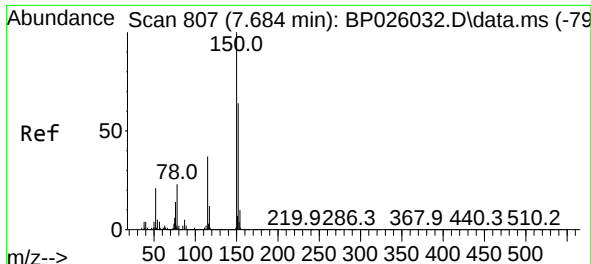
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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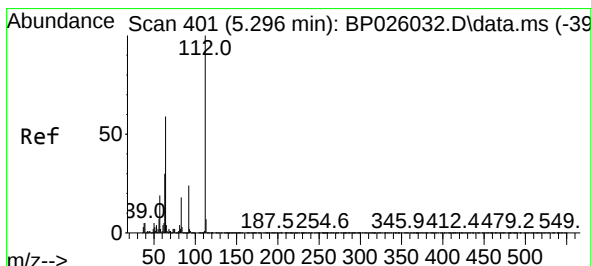
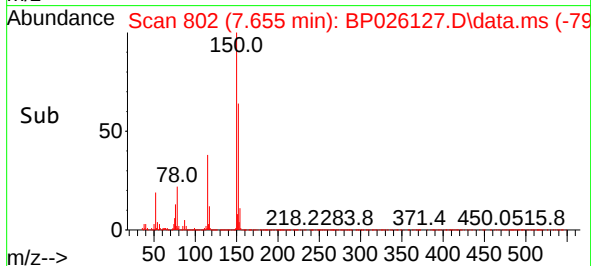
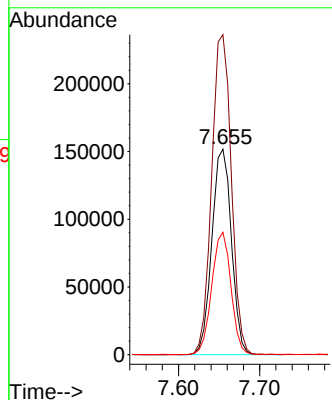
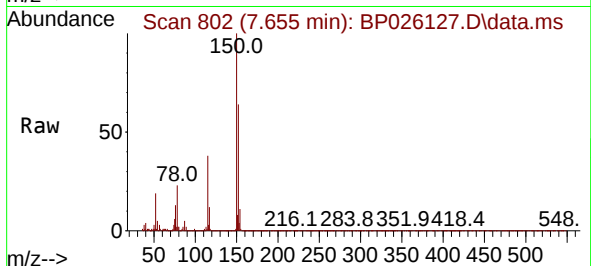




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.655 min Scan# 807
 Delta R.T. -0.035 min
 Lab File: BP026127.D
 Acq: 13 Nov 2025 14:05

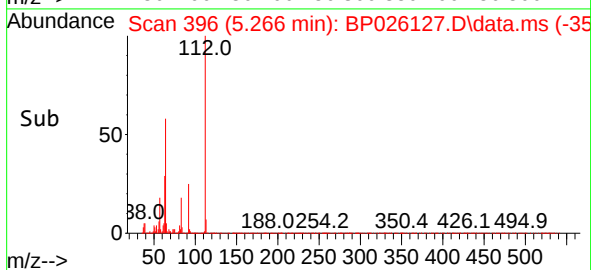
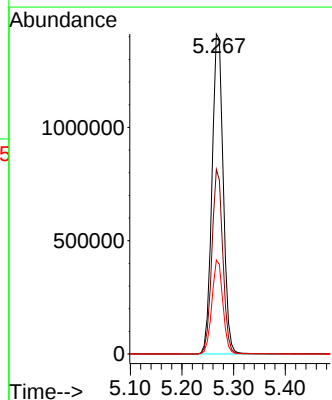
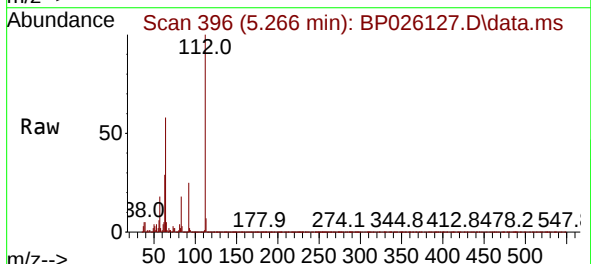
Instrument :
 BNA_P
 ClientSampleId :
 PB170500BL

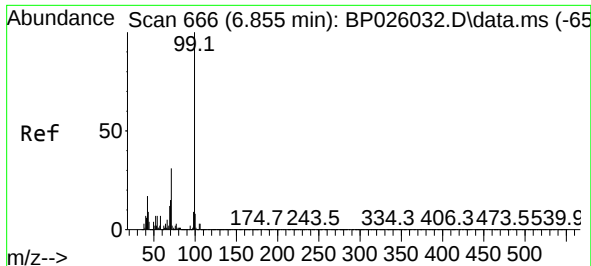
Tgt Ion:152 Resp: 254050
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.7 188.5
 115 59.6 46.4 69.6



#5
 2-Fluorophenol
 Concen: 138.186 ng
 RT: 5.266 min Scan# 396
 Delta R.T. -0.029 min
 Lab File: BP026127.D
 Acq: 13 Nov 2025 14:05

Tgt Ion:112 Resp: 2127520
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.4 71.2
 63 29.4 24.2 36.4

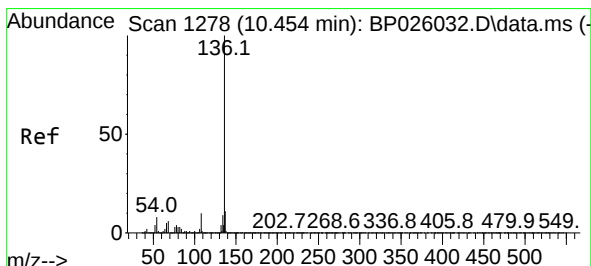
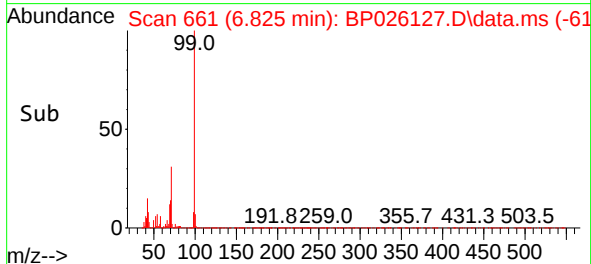
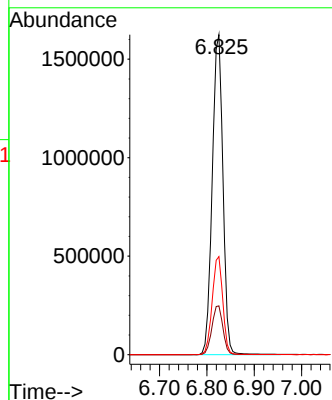
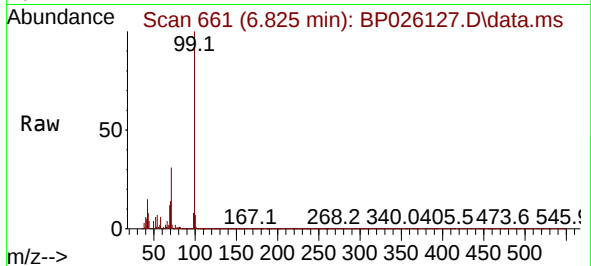




#7
Phenol-d6
Concen: 130.196 ng
RT: 6.825 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

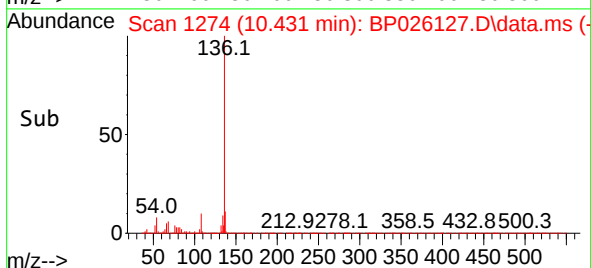
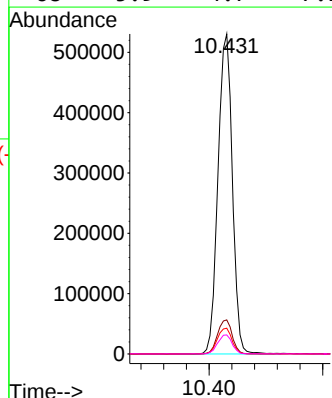
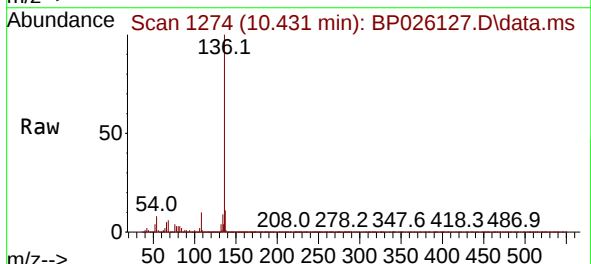
Instrument :
BNA_P
ClientSampleId :
PB170500BL

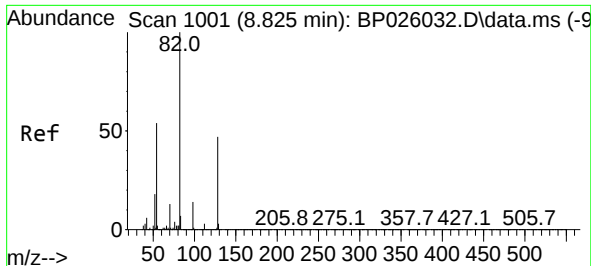
Tgt Ion: 99 Resp: 2551349
Ion Ratio Lower Upper
99 100
42 15.2 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:136 Resp: 930565
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 6.6 10.0
68 5.9 4.7 7.1

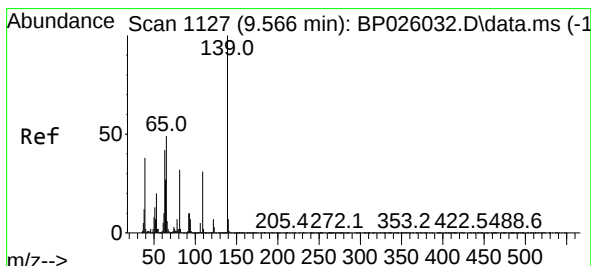
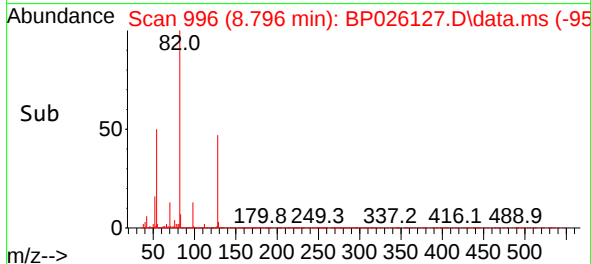
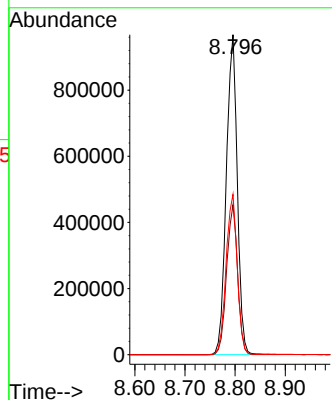
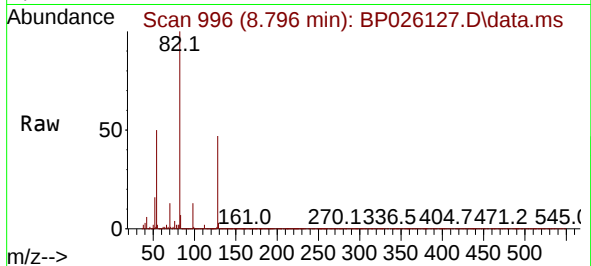




#23
Nitrobenzene-d5
Concen: 98.744 ng
RT: 8.796 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

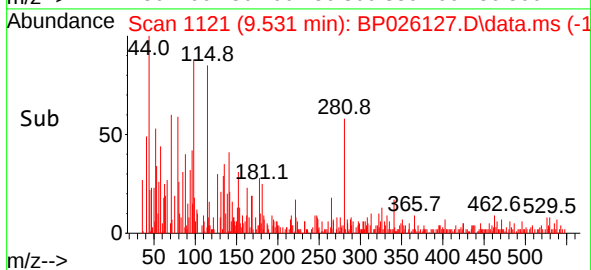
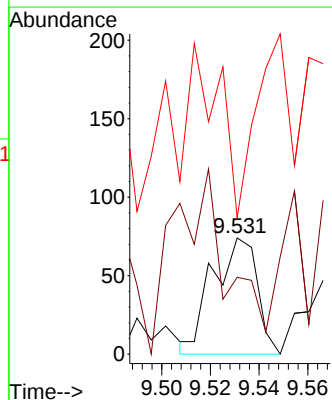
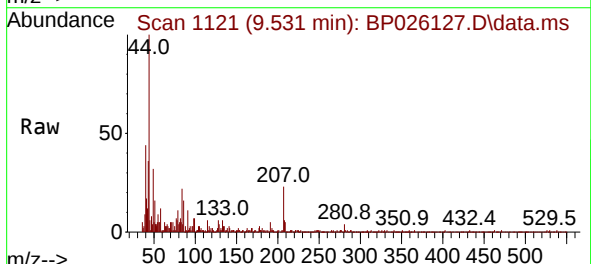
Instrument :
BNA_P
ClientSampleId :
PB170500BL

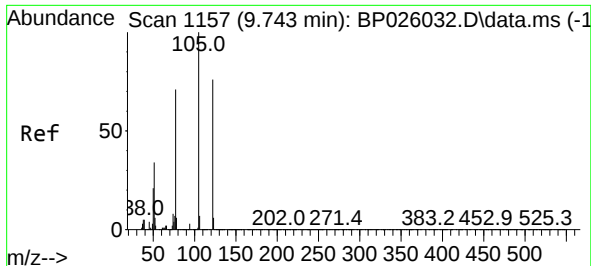
Tgt Ion: 82 Resp: 1473972
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 50.1 42.7 64.1



#26
2-Nitrophenol
Concen: 2.692 ng
RT: 9.531 min Scan# 1121
Delta R.T. -0.035 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:139 Resp: 94
Ion Ratio Lower Upper
139 100
109 66.2 24.8 37.2#
65 117.6 39.0 58.4#

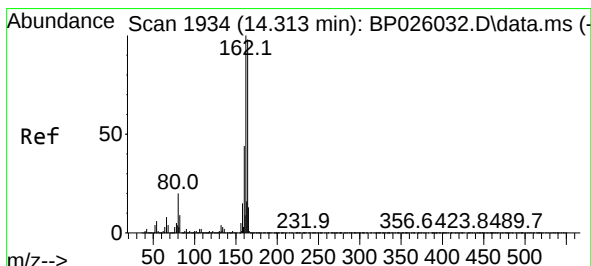
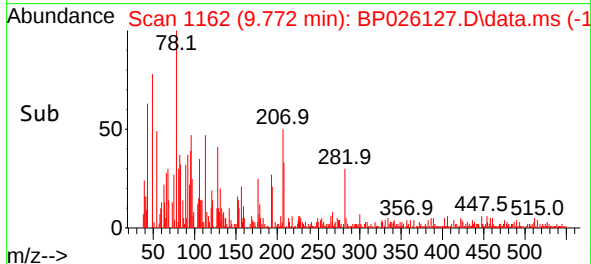
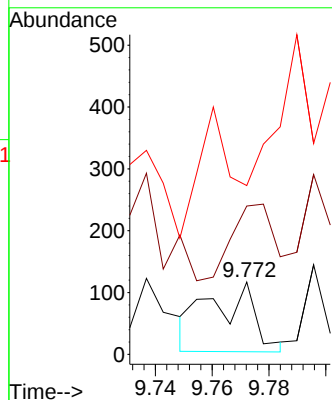
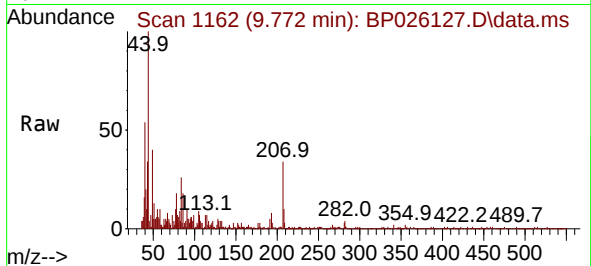




#32
Benzoic acid
Concen: 3.136 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

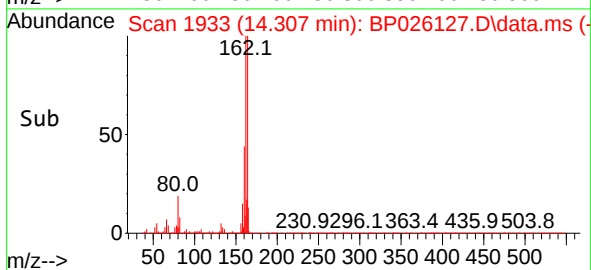
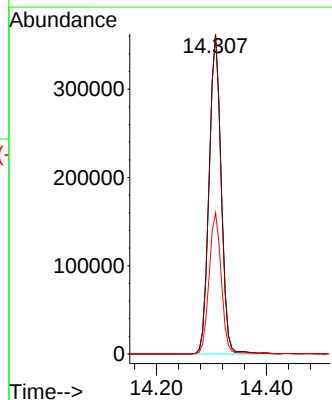
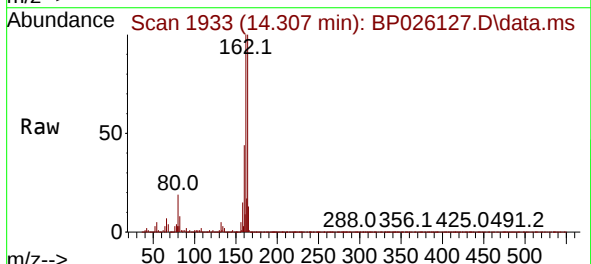
Instrument :
BNA_P
ClientSampleId :
PB170500BL

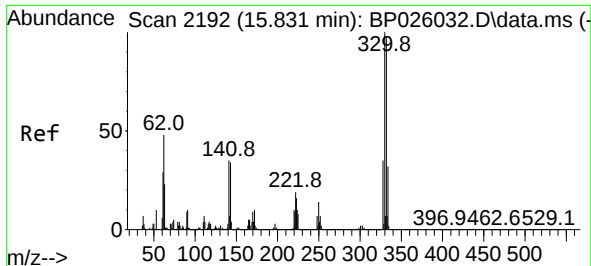
Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 205.1 104.8 144.8#
77 233.3 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:164 Resp: 549278
Ion Ratio Lower Upper
164 100
162 99.9 81.5 122.3
160 44.1 36.2 54.4

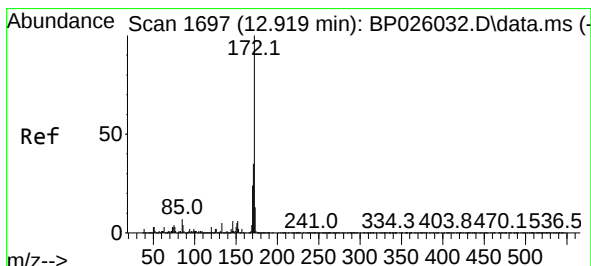
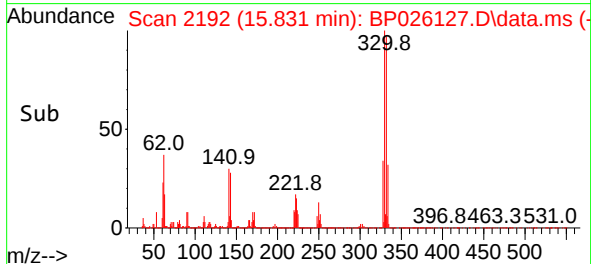
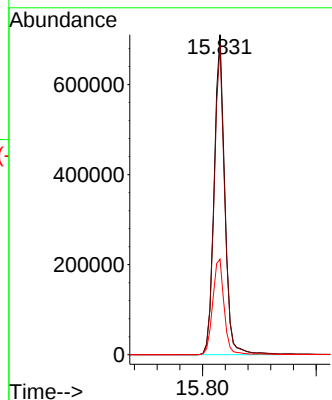
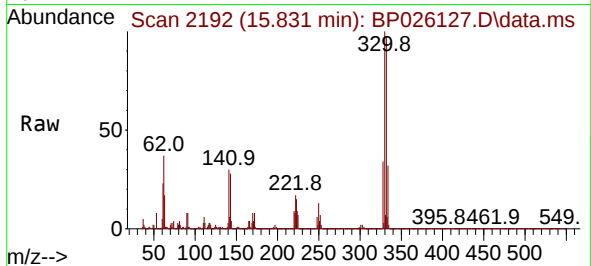




#42
2,4,6-Tribromophenol
Concen: 154.580 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

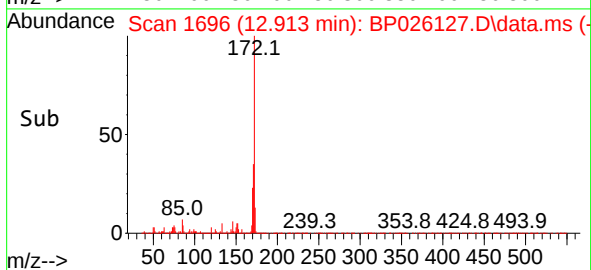
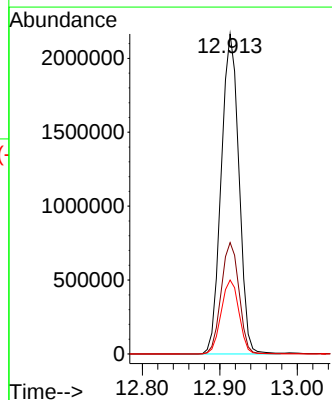
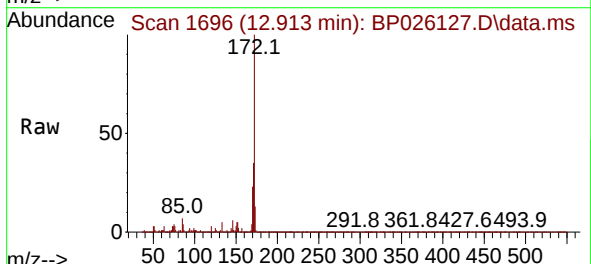
Instrument :
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ClientSampleId :
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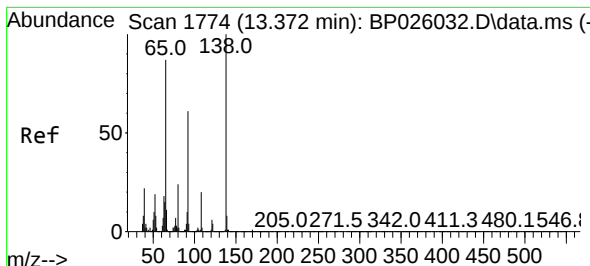
Tgt Ion:330 Resp: 917930
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 31.9 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 90.270 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:172 Resp: 3450652
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 19.0 28.4





#48

2-Nitroaniline

Concen: 2.953 ng

RT: 13.366 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB170500BL

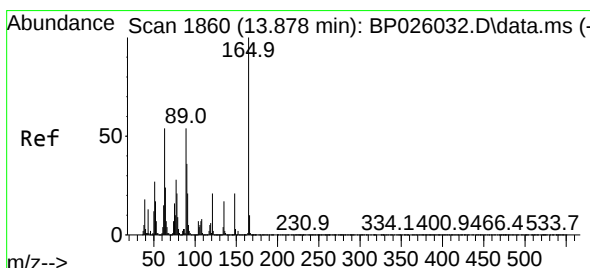
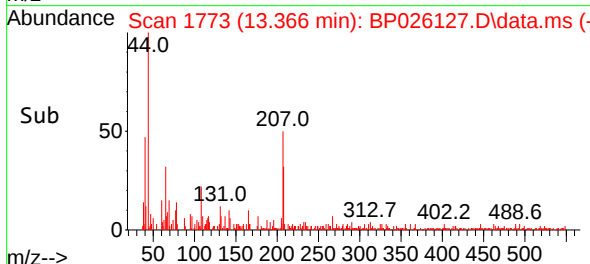
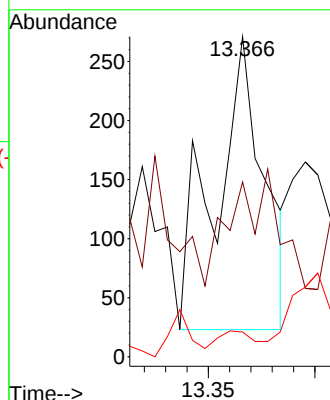
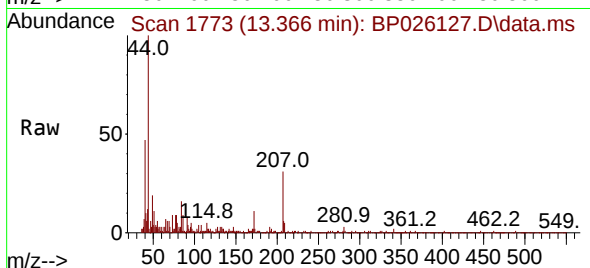
Tgt Ion: 65 Resp: 392

Ion Ratio Lower Upper

65 100

92 54.6 55.5 83.3#

138 7.7 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 3.030 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.053 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

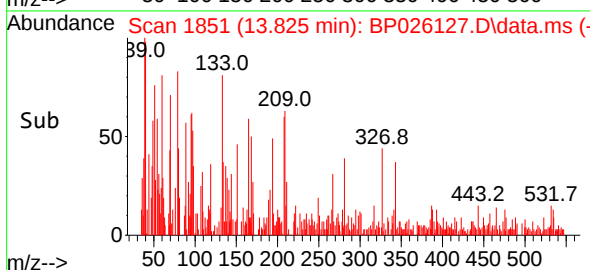
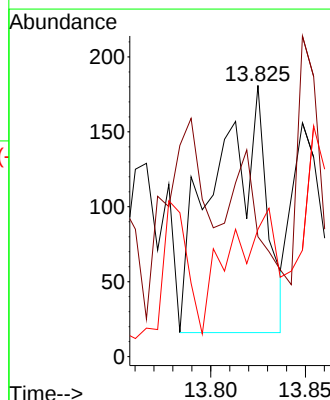
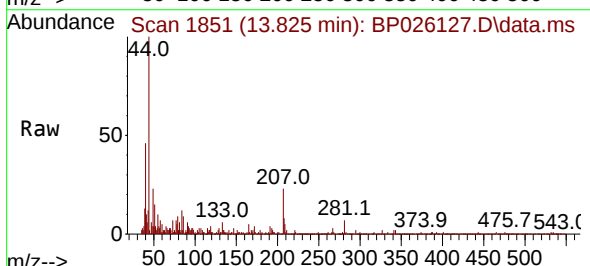
Tgt Ion: 165 Resp: 315

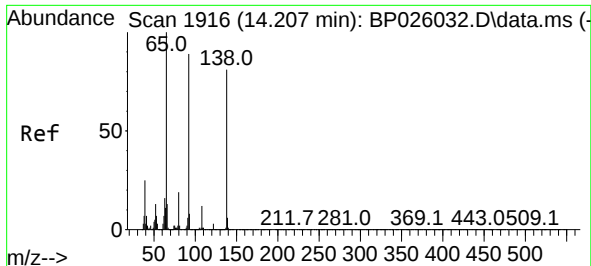
Ion Ratio Lower Upper

165 100

63 44.2 43.0 64.4

89 47.0 43.0 64.4

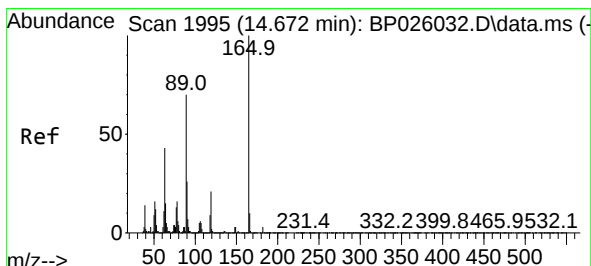
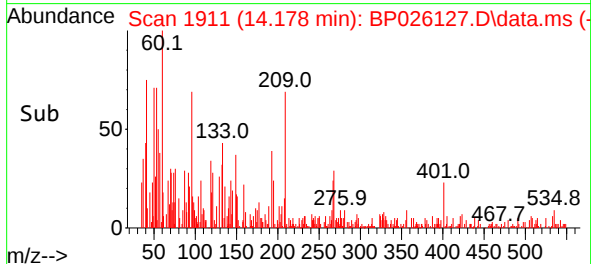
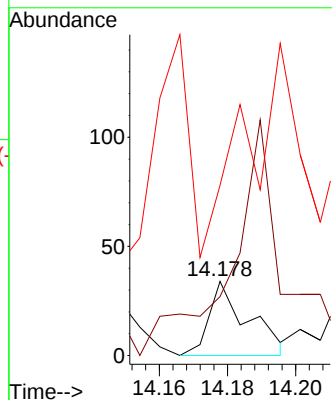
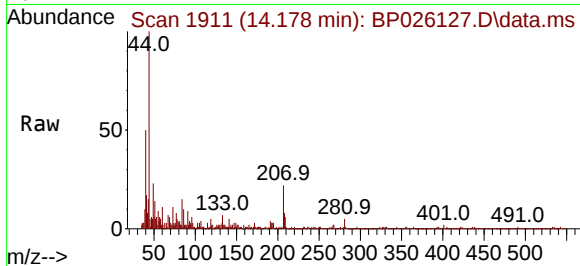




#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.178 min Scan# 1916
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

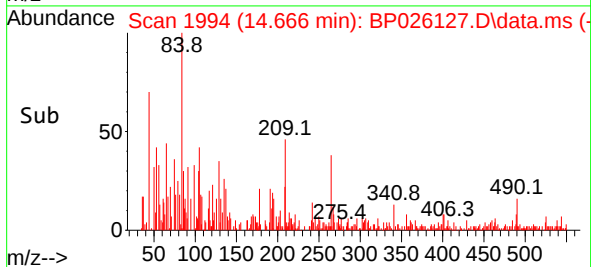
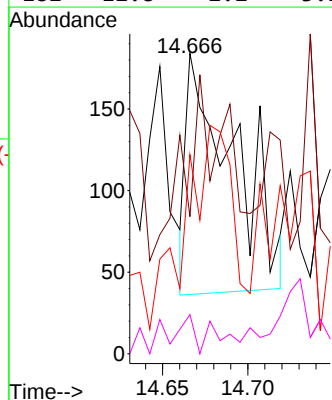
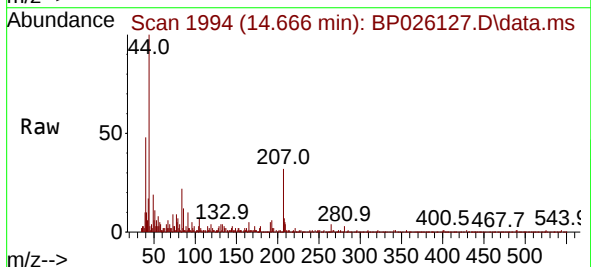
Instrument :
BNA_P
ClientSampleId :
PB170500BL

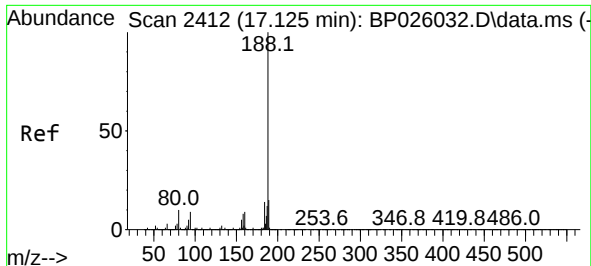
Tgt Ion:138 Resp: 27
Ion Ratio Lower Upper
138 100
108 79.4 11.4 17.0#
92 229.4 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.111 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:165 Resp: 287
Ion Ratio Lower Upper
165 100
63 44.9 34.2 51.2
89 65.2 56.0 84.0
182 12.8 2.2 3.2#

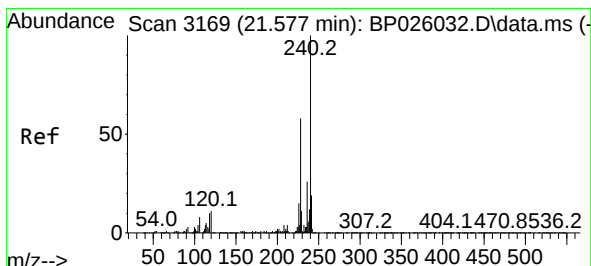
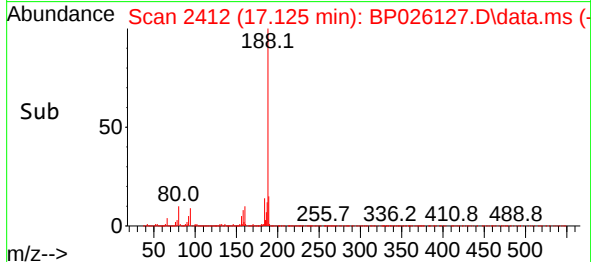
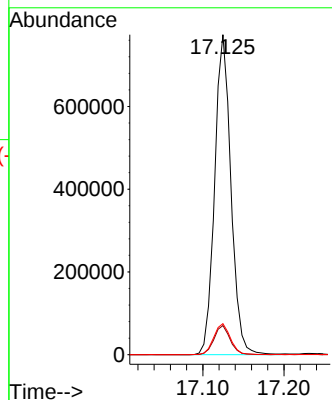
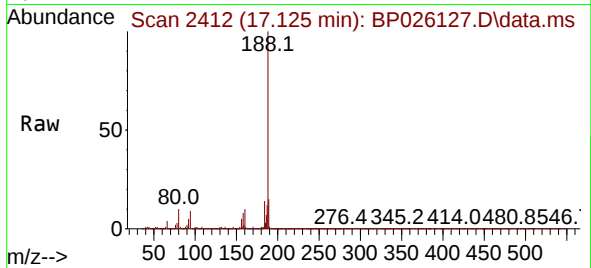




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

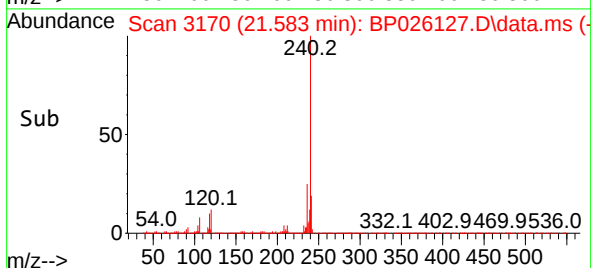
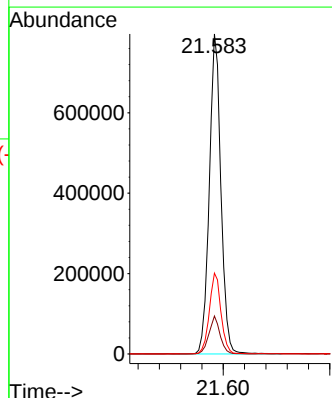
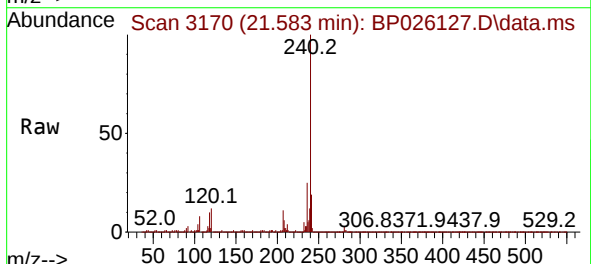
Instrument :
BNA_P
ClientSampleId :
PB170500BL

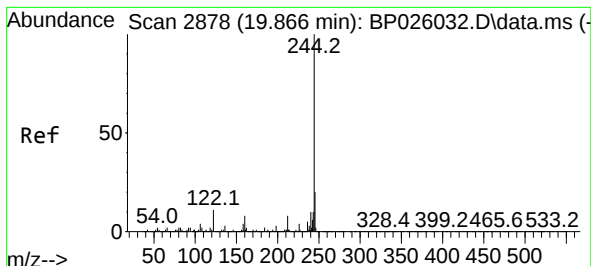
Tgt Ion:188 Resp: 1080192
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:240 Resp: 1203137
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 93.081 ng

RT: 19.878 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB170500BL

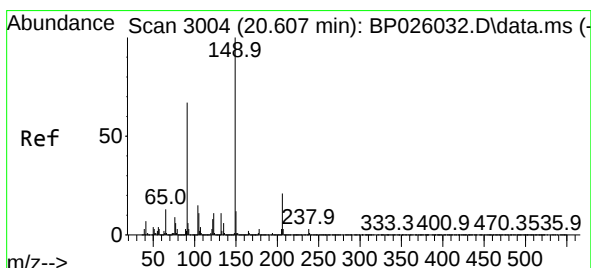
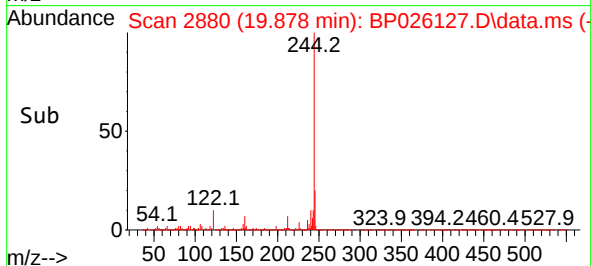
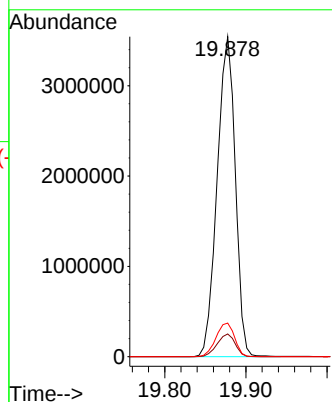
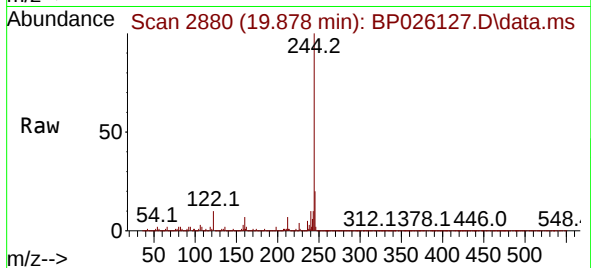
Tgt Ion:244 Resp: 5512132

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.5 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.437 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

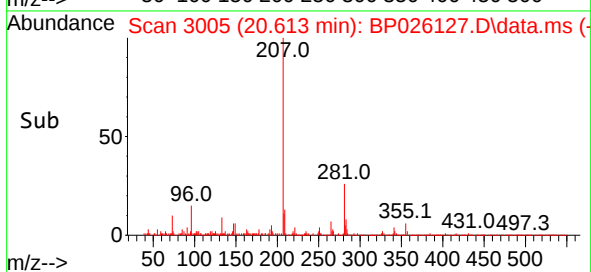
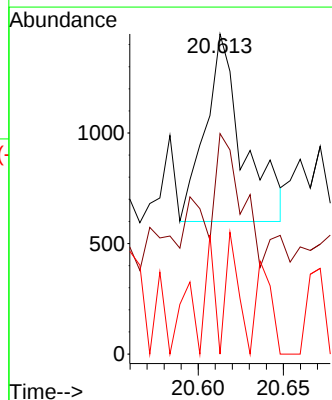
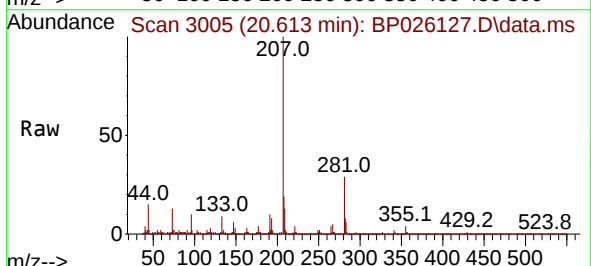
Tgt Ion:149 Resp: 1310

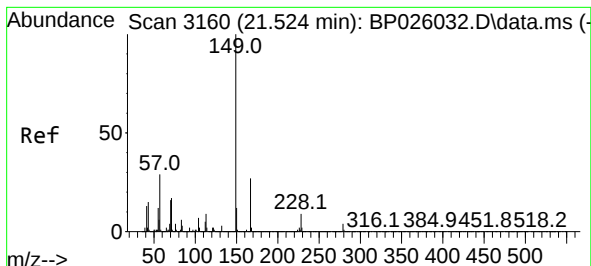
Ion Ratio Lower Upper

149 100

91 68.9 53.5 80.3

206 0.0 16.6 25.0#

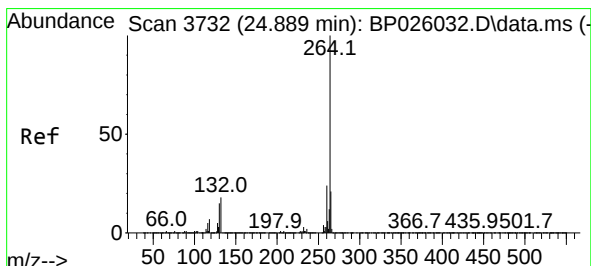
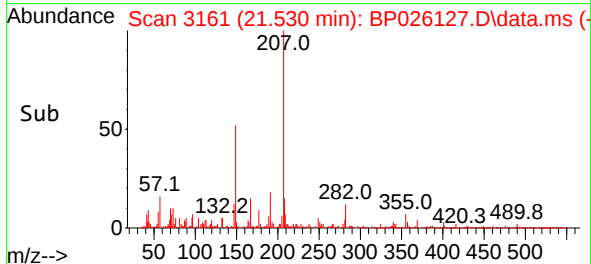
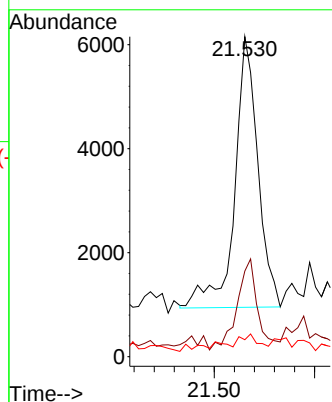
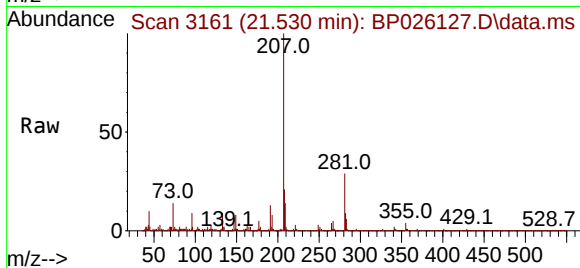




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.761 ng
 RT: 21.530 min Scan# 3160
 Delta R.T. 0.012 min
 Lab File: BP026127.D
 Acq: 13 Nov 2025 14:05

Instrument :
 BNA_P
 ClientSampleId :
 PB170500BL

Tgt Ion:149 Resp: 8382
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.5 32.3
 279 5.3 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: BP026127.D
 Acq: 13 Nov 2025 14:05

Tgt Ion:264 Resp: 1394967
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.7 17.2 25.8

