

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026054.D
 Acq On : 03 Nov 2025 11:47
 Operator : RC/JU
 Sample : PB170342BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170342BL

Quant Time: Nov 03 12:08:26 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)

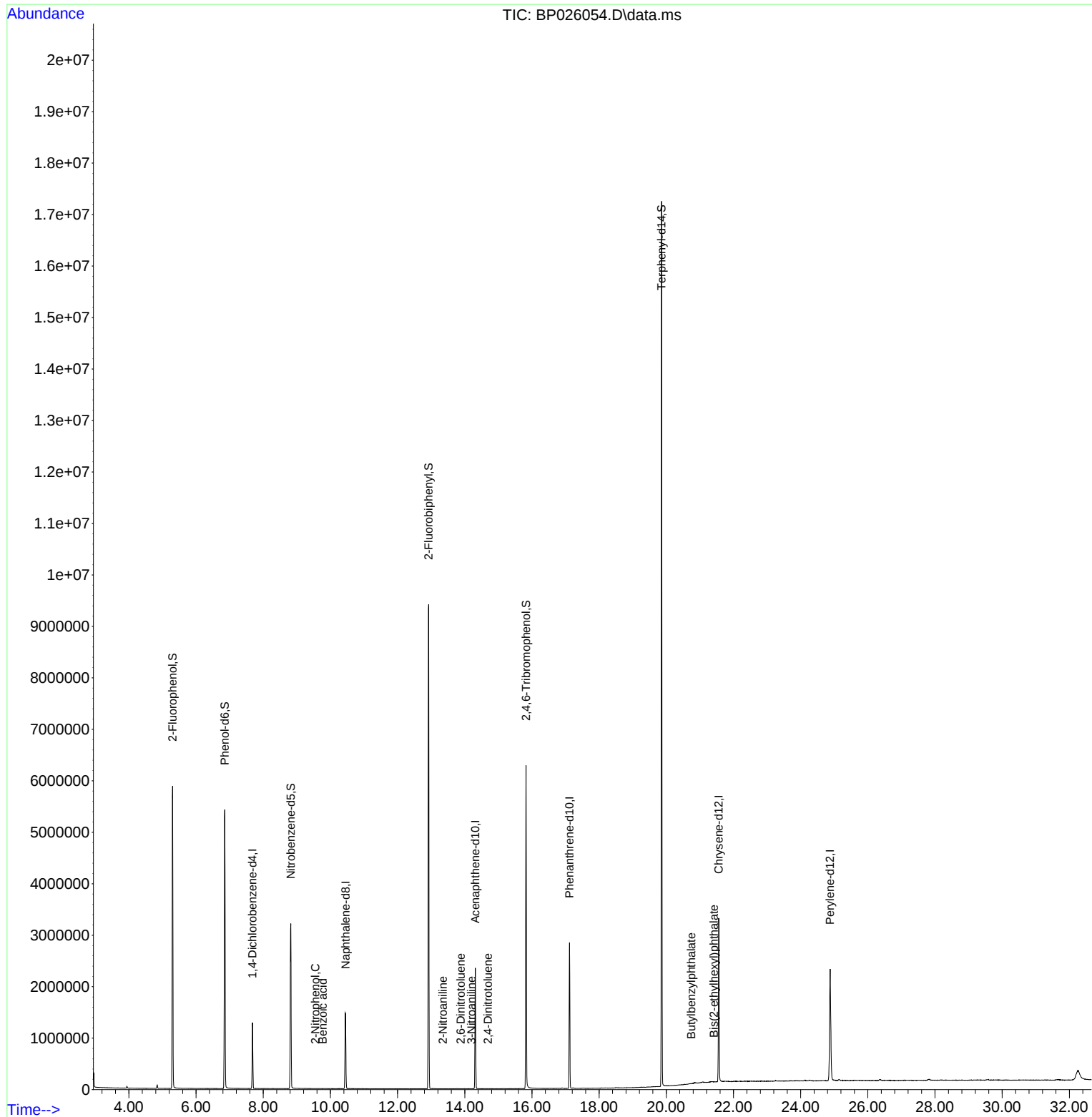
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	336600	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1298621	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	793578	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1683386	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1852671	20.000	ng	0.00
86) Perylene-d12	24.877	264	2010353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2600508	127.483	ng	0.00
7) Phenol-d6	6.855	99	3164552	121.884	ng	0.00
23) Nitrobenzene-d5	8.819	82	1791159	85.984	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1090809	127.143	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4577987	82.893	ng	0.00
79) Terphenyl-d14	19.860	244	7774571	85.258	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.555	139	11	2.678	ng	# 1
32) Benzoic acid	9.772	122	64	3.123	ng	# 32
48) 2-Nitroaniline	13.348	65	80	2.916	ng	# 26
51) 2,6-Dinitrotoluene	13.878	165	47	2.995	ng	# 48
53) 3-Nitroaniline	14.195	138	38	2.640	ng	# 1
57) 2,4-Dinitrotoluene	14.690	165	74	3.091	ng	# 52
80) Butylbenzylphthalate	20.742	149	346	3.404	ng	97
84) Bis(2-ethylhexyl)phtha...	21.419	149	198	2.600	ng	98

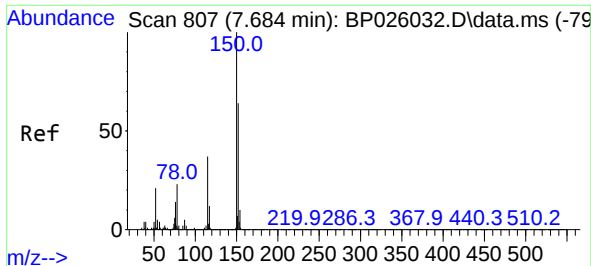
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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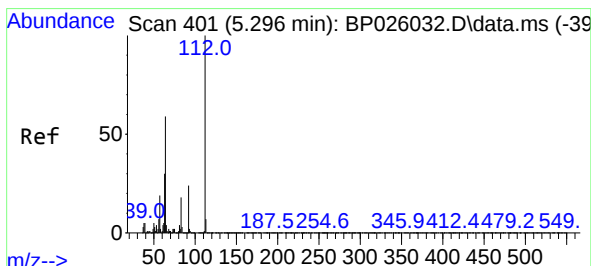
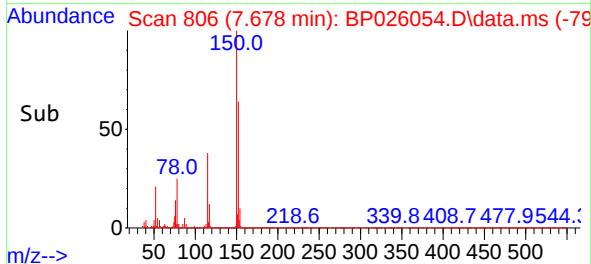
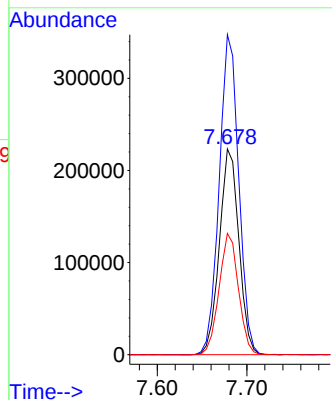
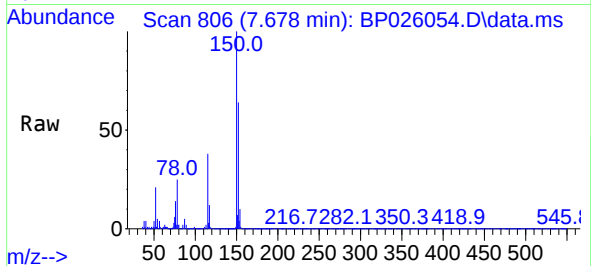




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

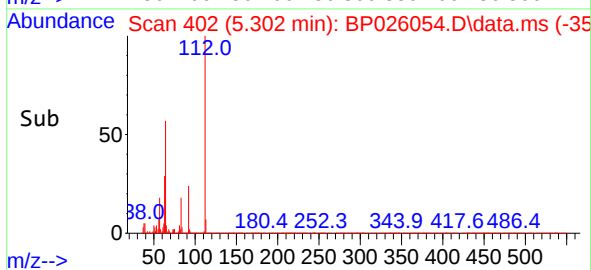
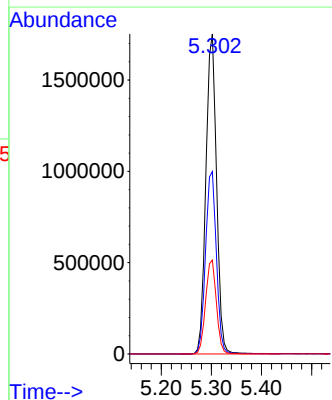
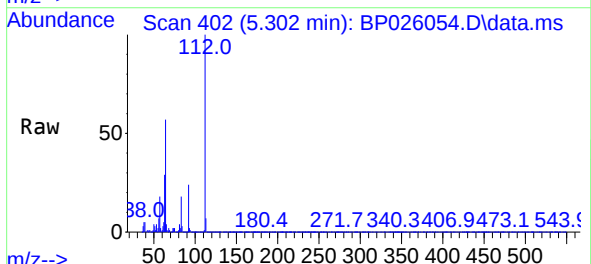
Instrument :
BNA_P
ClientSampleId :
PB170342BL

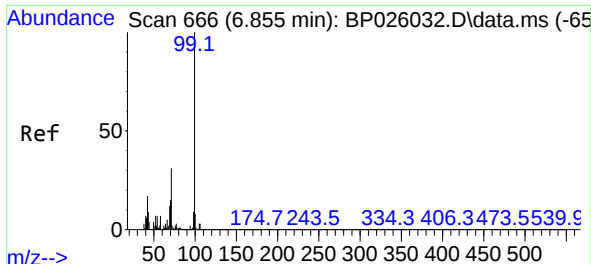
Tgt Ion:152 Resp: 336600
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 58.9 46.4 69.6



#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:112 Resp: 2600508
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.2
63 29.3 24.2 36.4

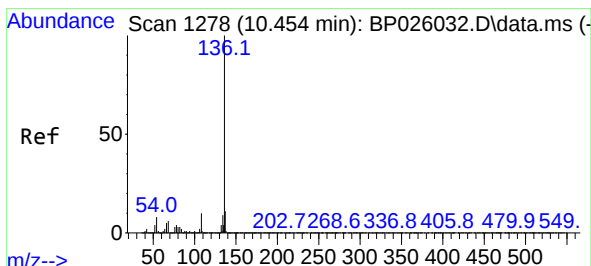
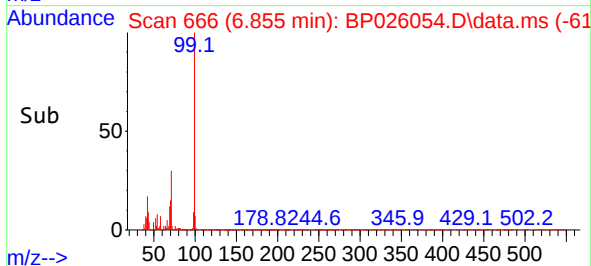
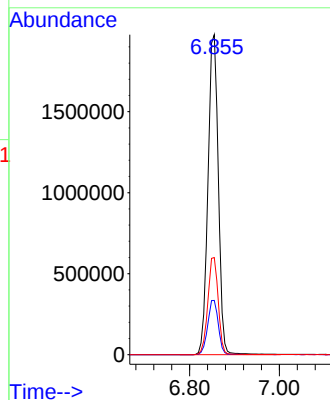
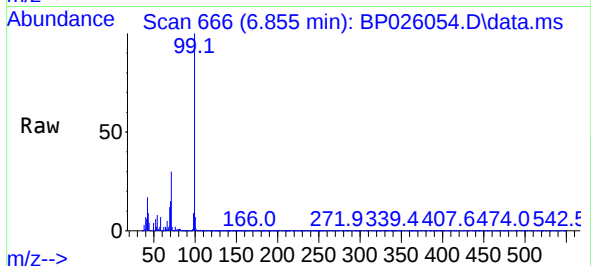




#7
Phenol-d6
Concen: 121.884 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

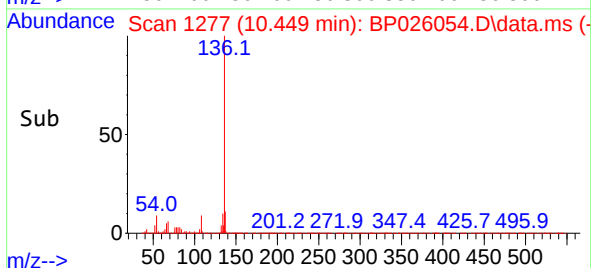
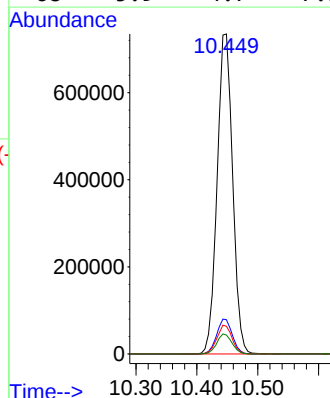
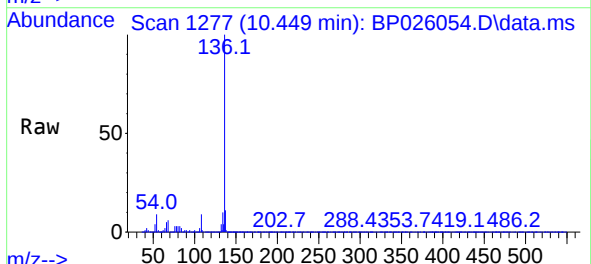
Instrument :
BNA_P
ClientSampleId :
PB170342BL

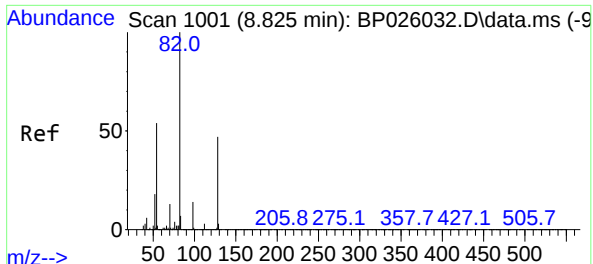
Tgt Ion: 99 Resp: 3164552
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 30.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:136 Resp: 1298621
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.6 6.6 10.0
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.984 ng

RT: 8.819 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB170342BL

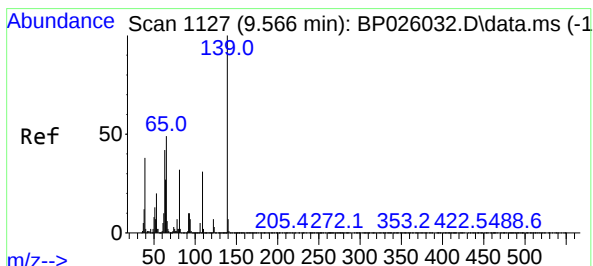
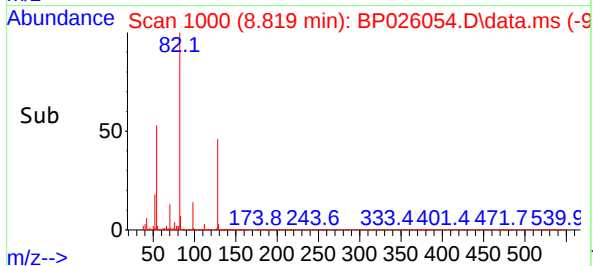
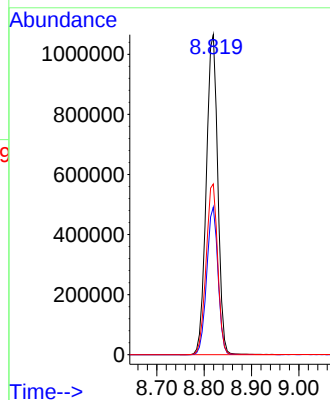
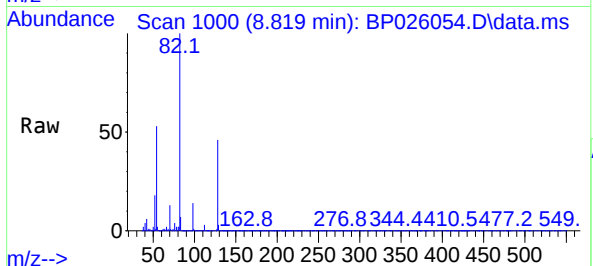
Tgt Ion: 82 Resp: 1791159

Ion Ratio Lower Upper

82 100

128 46.1 37.4 56.0

54 53.4 42.7 64.1



#26

2-Nitrophenol

Concen: 2.678 ng

RT: 9.555 min Scan# 1125

Delta R.T. -0.011 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

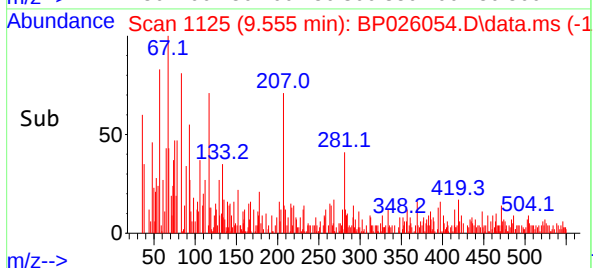
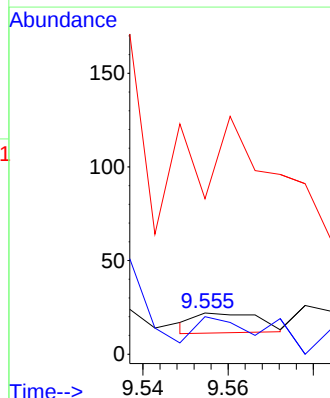
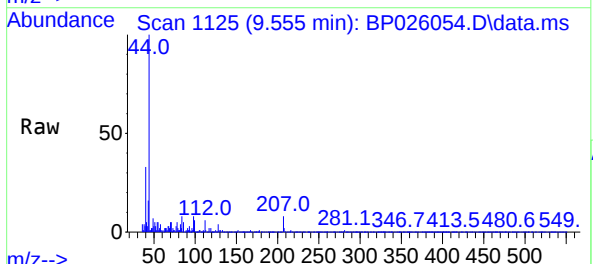
Tgt Ion: 139 Resp: 11

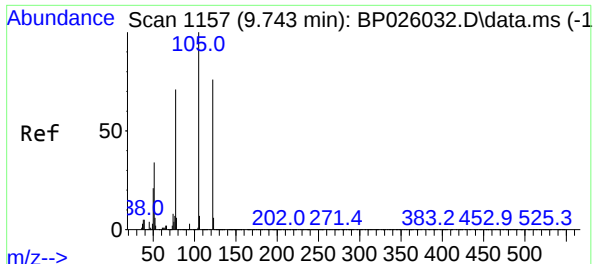
Ion Ratio Lower Upper

139 100

109 90.9 24.8 37.2#

65 377.3 39.0 58.4#

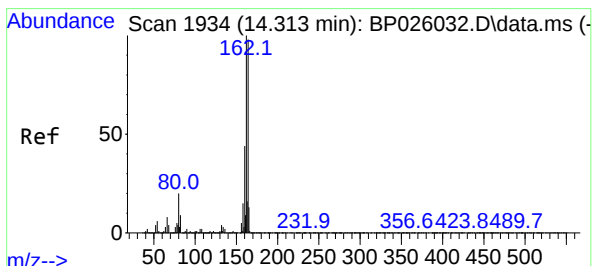
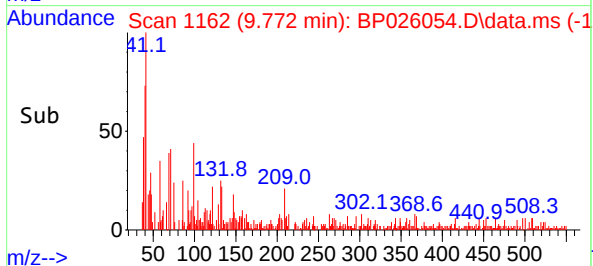
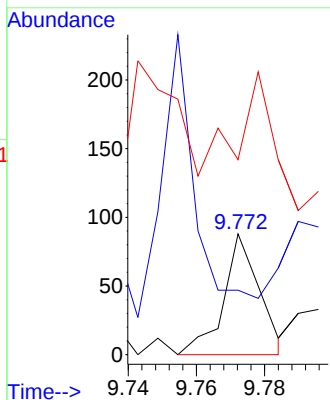
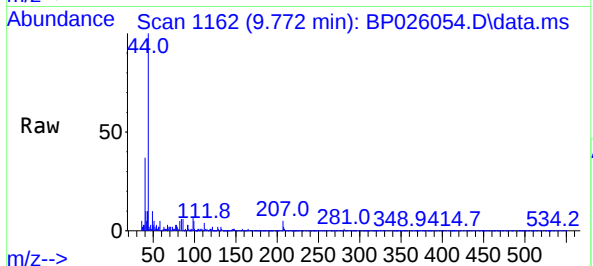




#32
Benzoic acid
Concen: 3.123 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

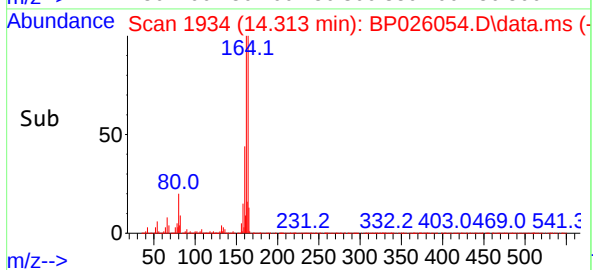
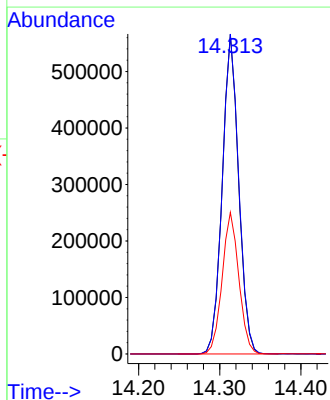
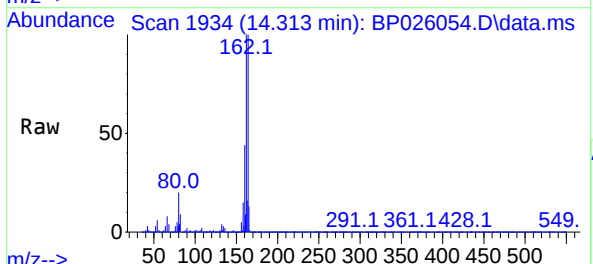
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ClientSampleId :
PB170342BL

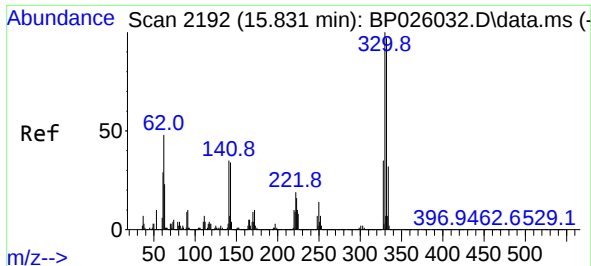
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 53.4 104.8 144.8#
77 161.4 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:164 Resp: 793578
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 44.3 36.2 54.4

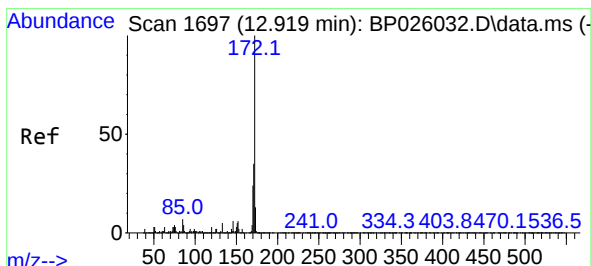
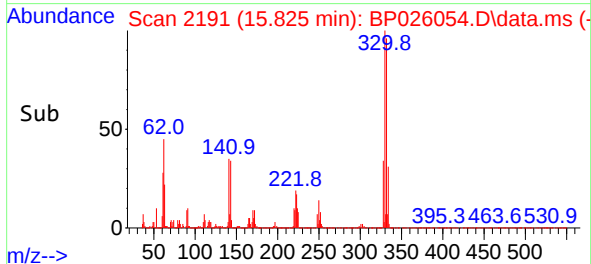
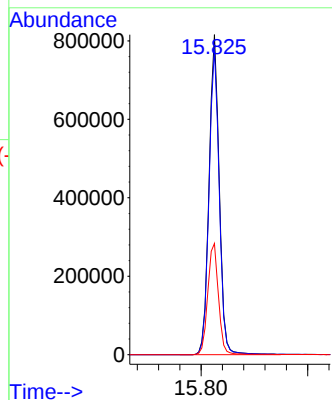
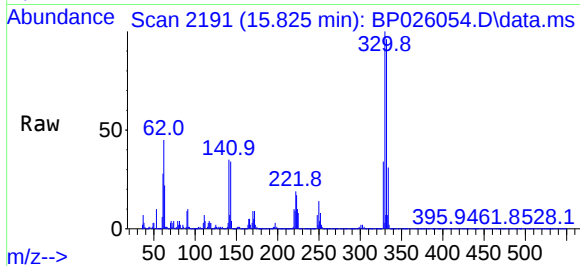




#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

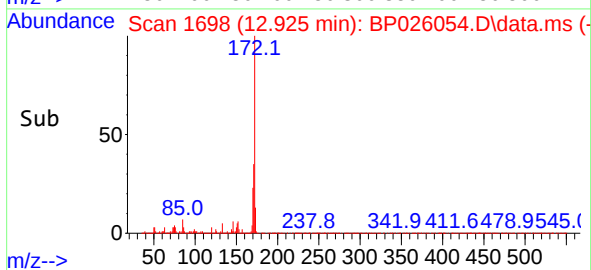
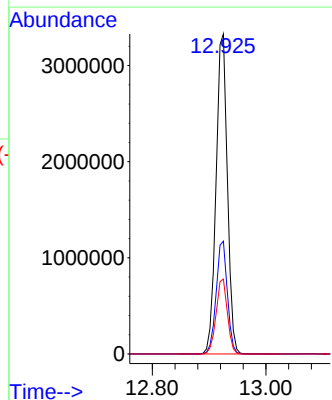
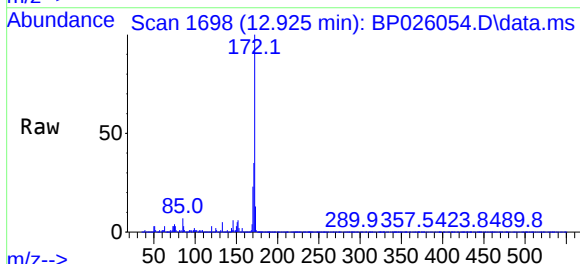
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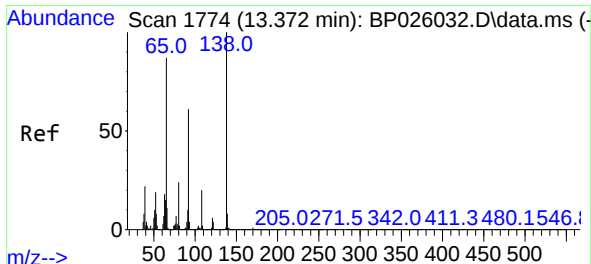
Tgt Ion:330 Resp: 1090809
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 36.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:172 Resp: 4577987
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 19.0 28.4

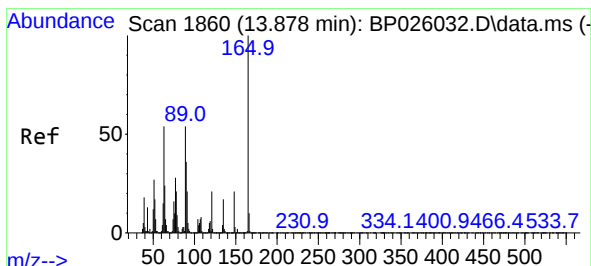
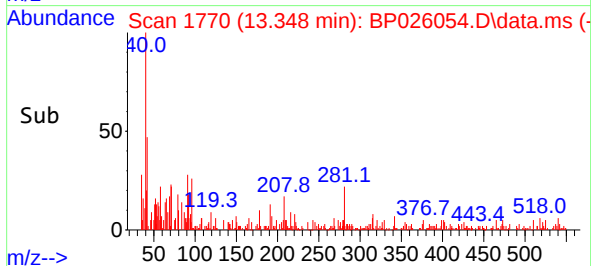
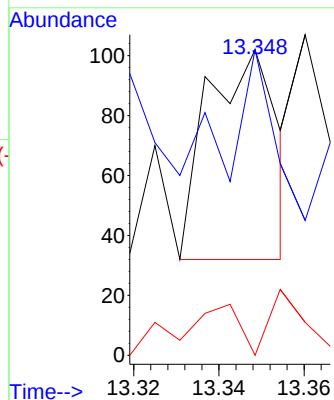
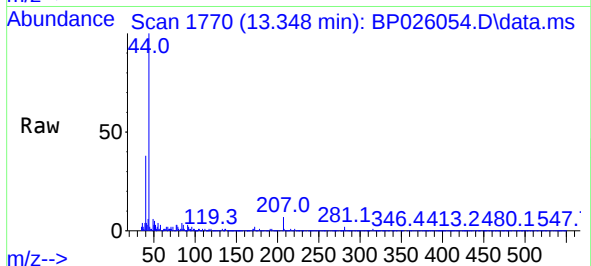




#48
2-Nitroaniline
Concen: 2.916 ng
RT: 13.348 min Scan# 1774
Delta R.T. -0.030 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

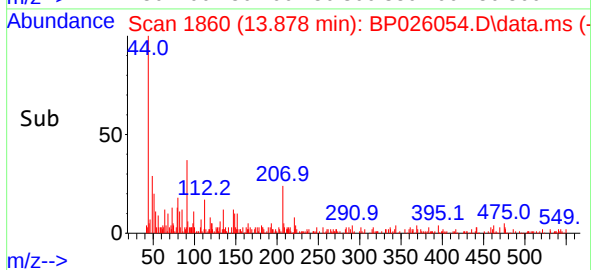
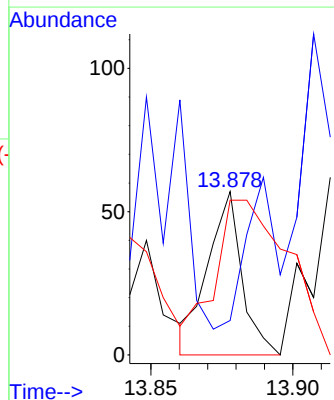
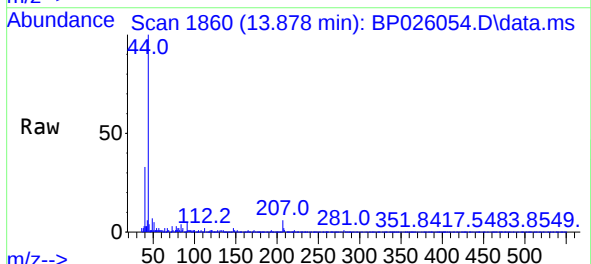
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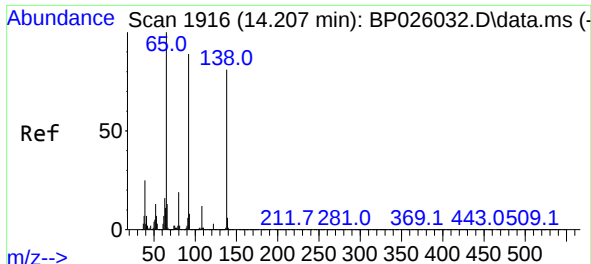
Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 100.0 55.5 83.3#
138 9.8 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.995 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion: 165 Resp: 47
Ion Ratio Lower Upper
165 100
63 21.1 43.0 64.4#
89 94.7 43.0 64.4#

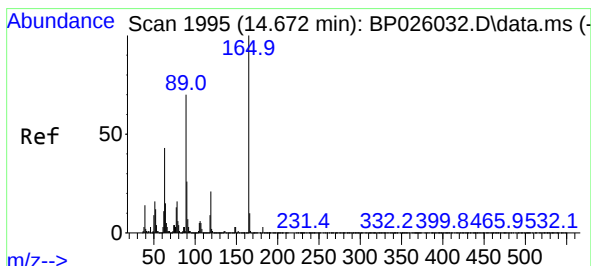
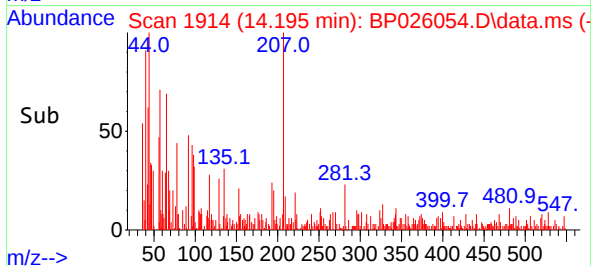
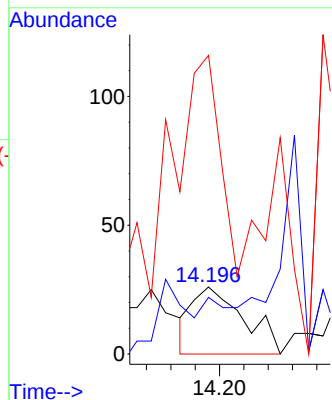
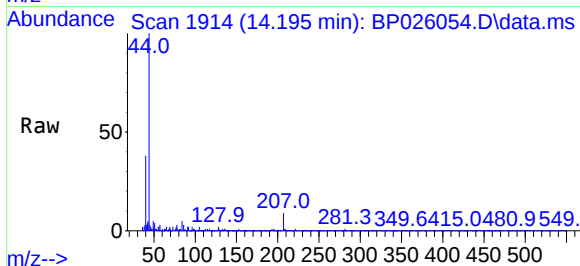




#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

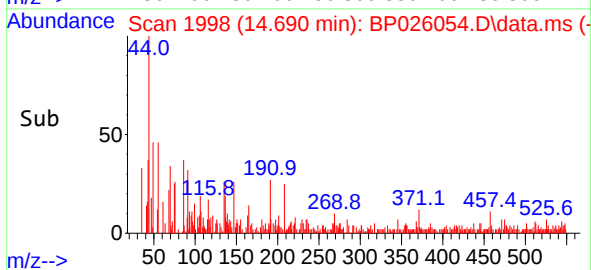
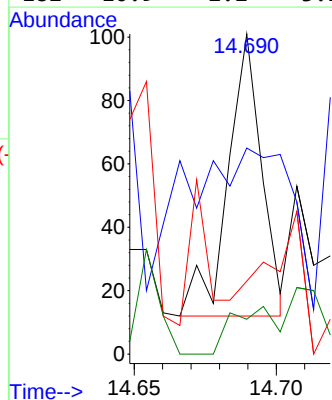
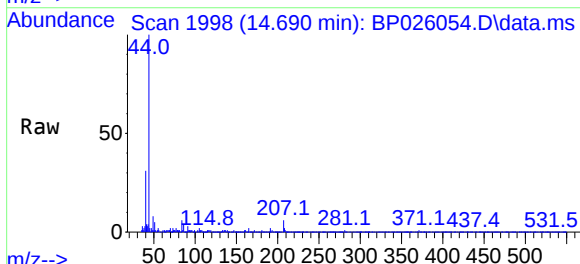
Instrument :
BNA_P
ClientSampleId :
PB170342BL

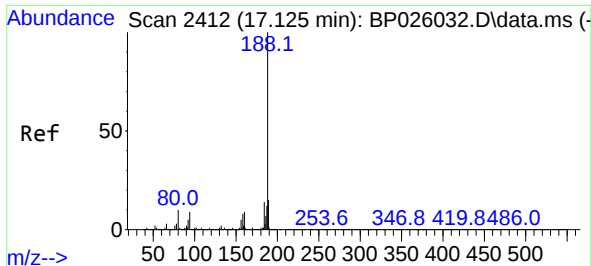
Tgt Ion:138 Resp: 38
Ion Ratio Lower Upper
138 100
108 84.6 11.4 17.0#
92 446.2 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:165 Resp: 74
Ion Ratio Lower Upper
165 100
63 64.4 34.2 51.2#
89 22.8 56.0 84.0#
182 10.9 2.2 3.2#

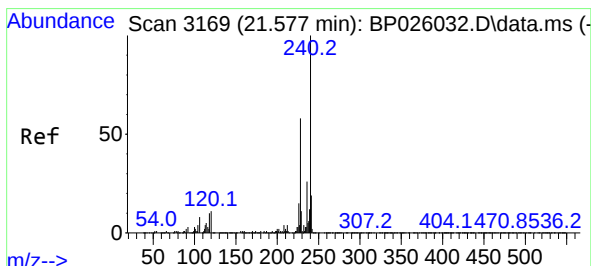
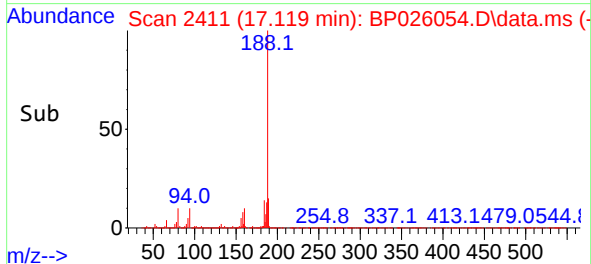
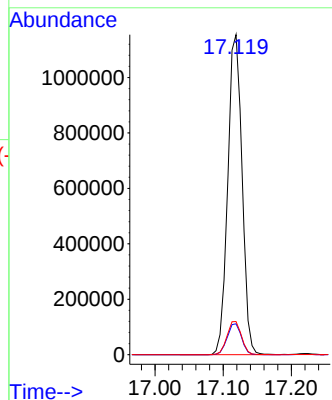
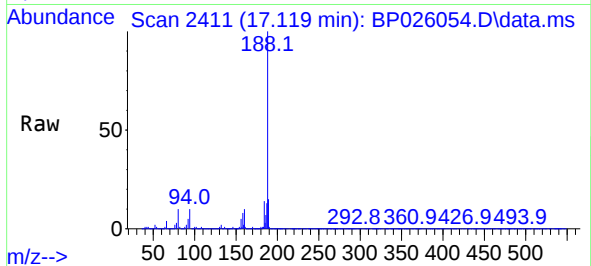




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

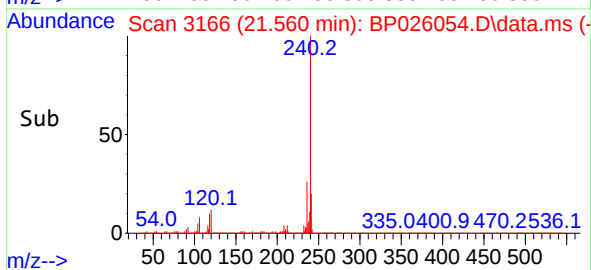
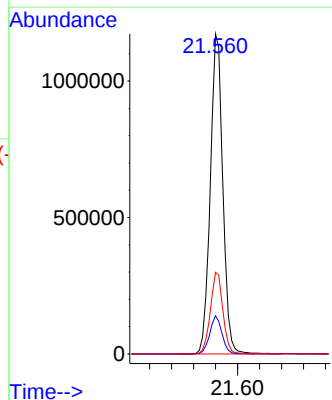
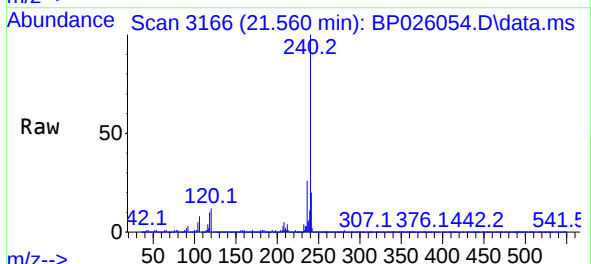
Instrument :
BNA_P
ClientSampleId :
PB170342BL

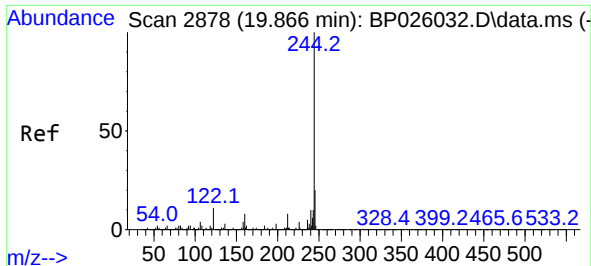
Tgt Ion:188 Resp: 1683386
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:240 Resp: 1852671
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 20.6 31.0

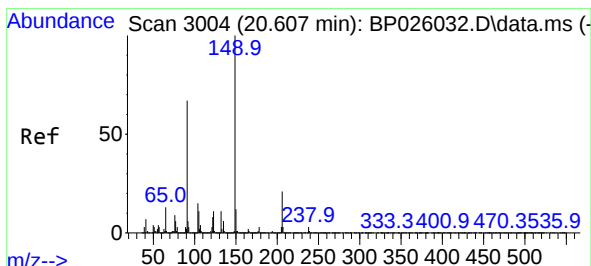
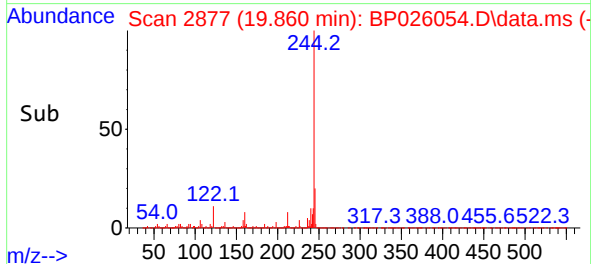
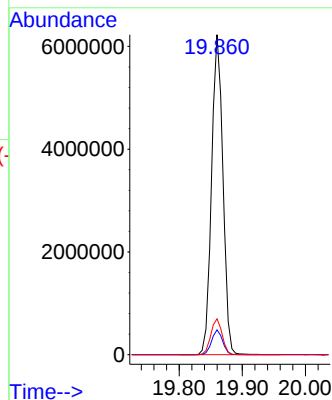
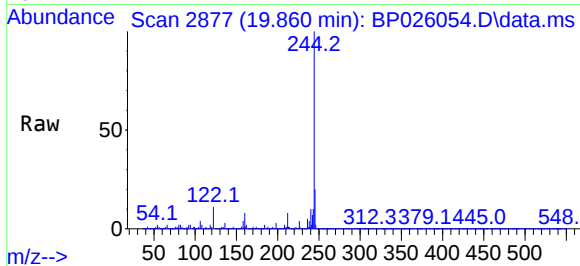




#79
 Terphenyl-d14
 Concen: 85.258 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026054.D
 Acq: 03 Nov 2025 11:47

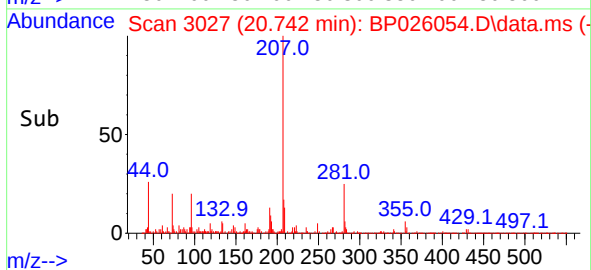
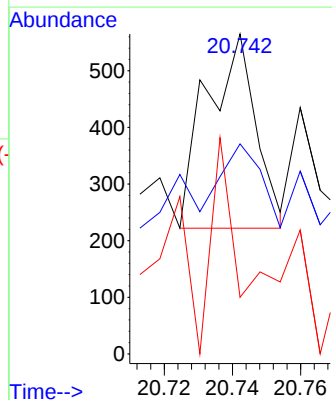
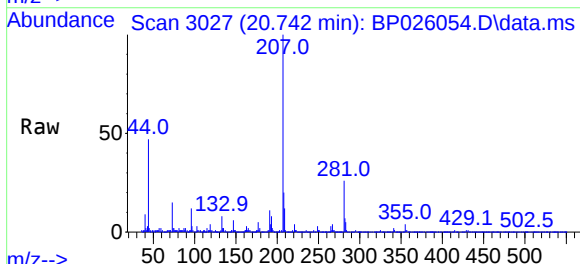
Instrument :
 BNA_P
 ClientSampleId :
 PB170342BL

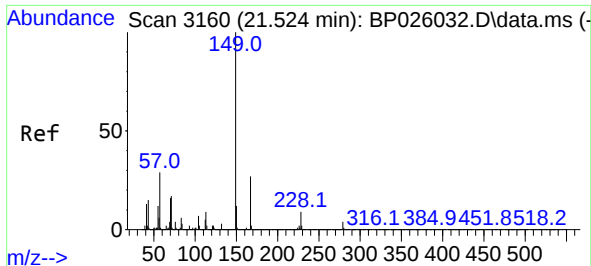
Tgt Ion:244 Resp: 7774571
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.2 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.404 ng
 RT: 20.742 min Scan# 3027
 Delta R.T. 0.135 min
 Lab File: BP026054.D
 Acq: 03 Nov 2025 11:47

Tgt Ion:149 Resp: 346
 Ion Ratio Lower Upper
 149 100
 91 65.7 53.5 80.3
 206 17.7 16.6 25.0

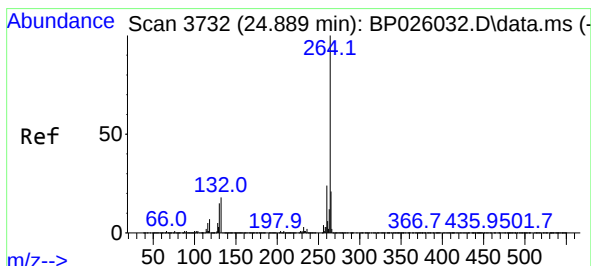
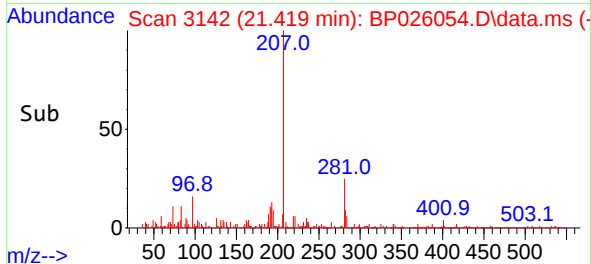
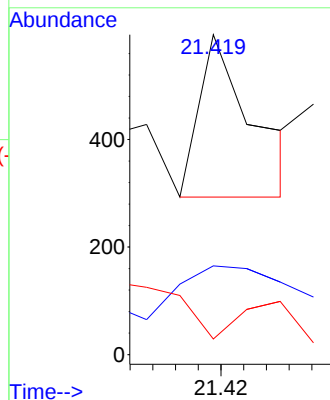
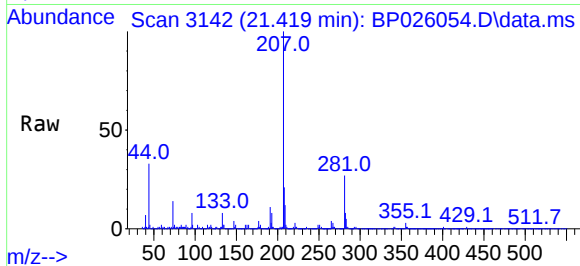




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.600 ng
RT: 21.419 min Scan# 31
Delta R.T. -0.099 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:	149	Resp:	198
Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.5	32.3
279	4.6	3.0	4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:	264	Resp:	2010353
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.2	25.8

