

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026056.D
 Acq On : 03 Nov 2025 13:21
 Operator : RC/JU
 Sample : PB170346BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170346BL

Quant Time: Nov 03 13:42:07 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)

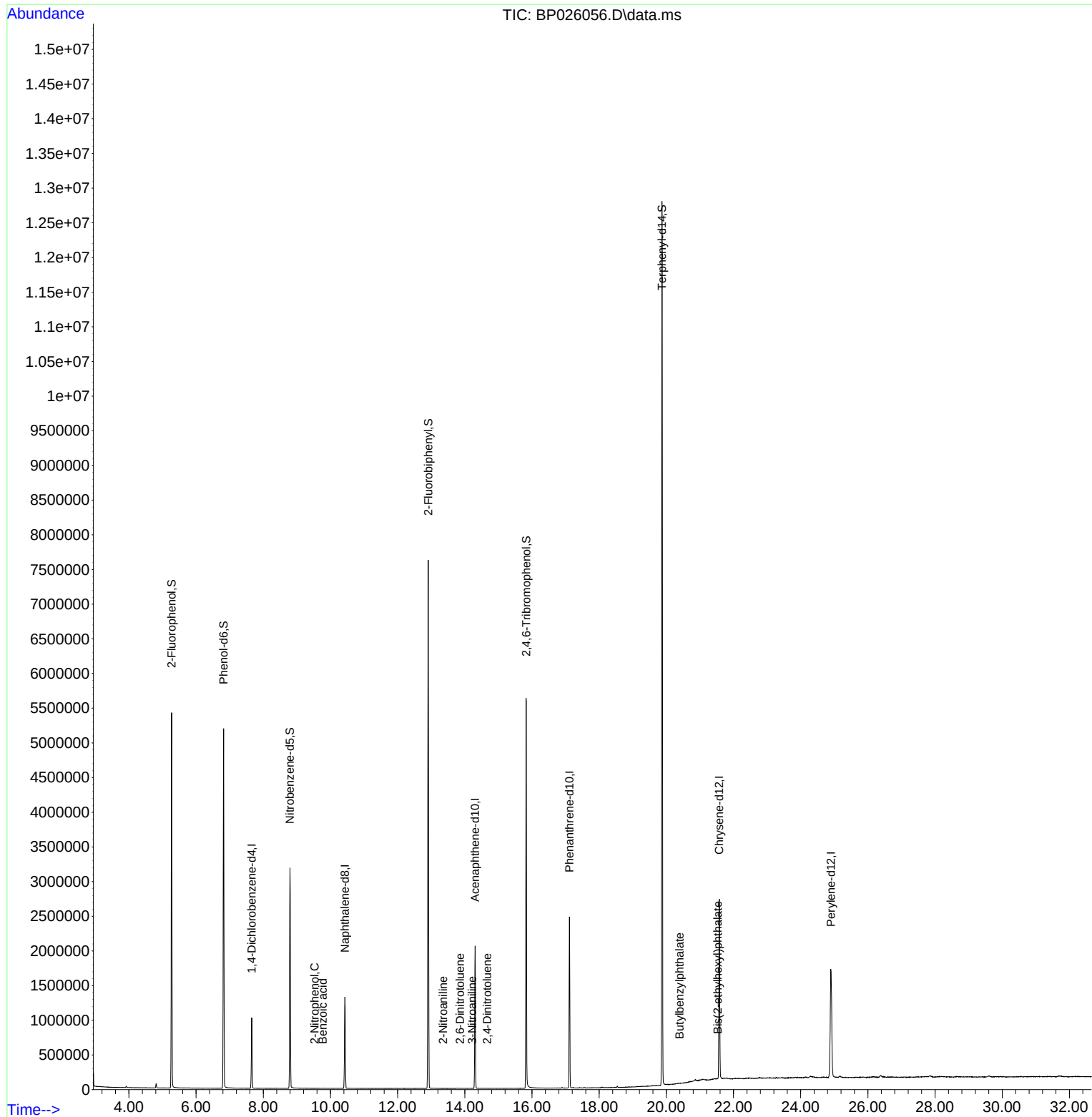
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	300167	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	1149841	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	696390	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1482446	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1619683	20.000	ng	0.01
86) Perylene-d12	24.900	264	1773681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	2326638	127.901	ng	-0.02
7) Phenol-d6	6.819	99	2823741	121.958	ng	-0.04
23) Nitrobenzene-d5	8.795	82	1584105	85.884	ng	-0.03
42) 2,4,6-Tribromophenol	15.830	330	974368	129.421	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4022471	82.999	ng	-0.02
79) Terphenyl-d14	19.871	244	6941237	87.069	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.531	139	46	2.683	ng	# 1
32) Benzoic acid	9.772	122	63	3.124	ng	# 68
48) 2-Nitroaniline	13.354	65	134	2.921	ng	# 8
51) 2,6-Dinitrotoluene	13.860	165	64	2.997	ng	# 76
53) 3-Nitroaniline	14.219	138	20	2.639	ng	# 1
57) 2,4-Dinitrotoluene	14.672	165	58	3.091	ng	# 28
80) Butylbenzylphthalate	20.395	149	218	3.402	ng	95
84) Bis(2-ethylhexyl)phtha...	21.530	149	1944	2.625	ng	# 90

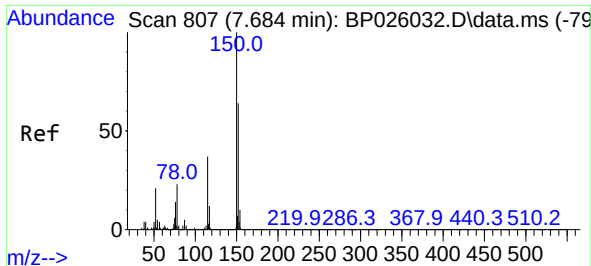
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
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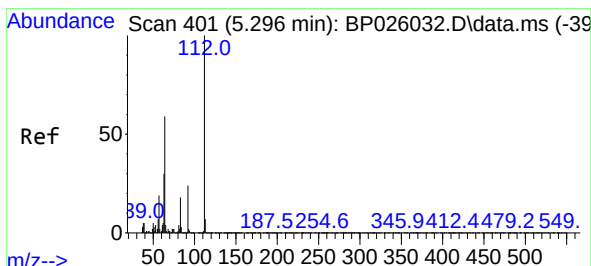
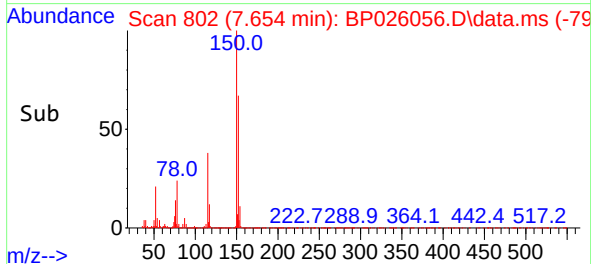
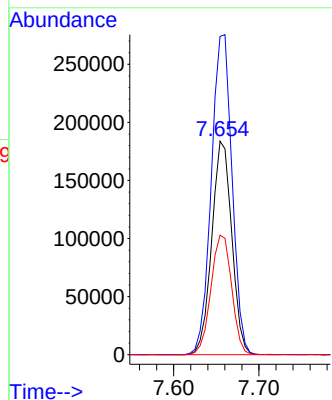
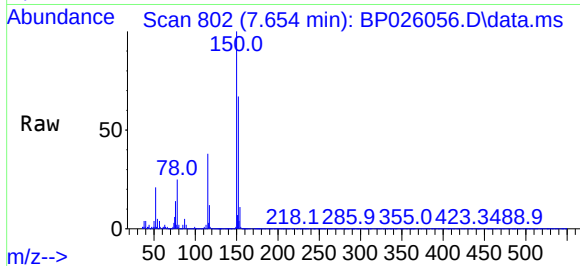




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

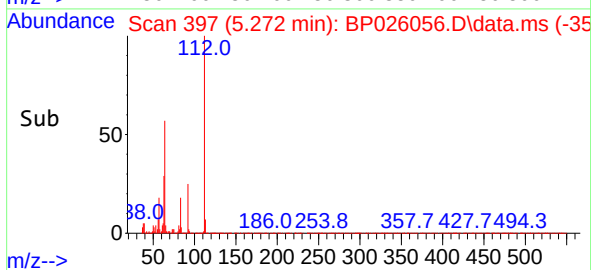
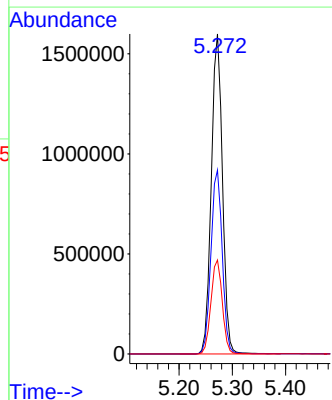
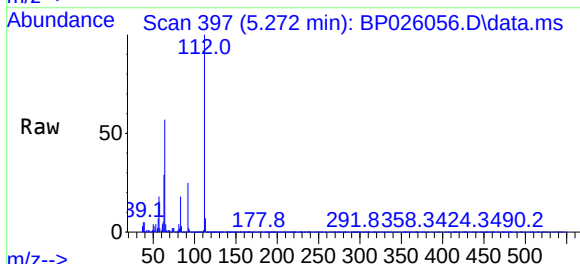
Instrument :
BNA_P
ClientSampleId :
PB170346BL

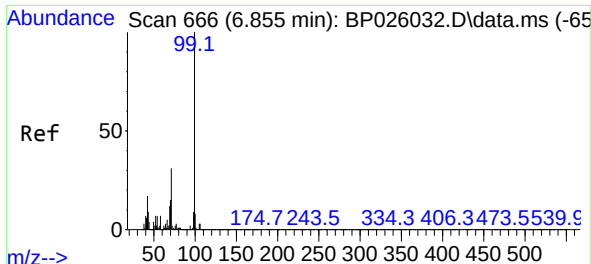
Tgt Ion:152 Resp: 300167
Ion Ratio Lower Upper
152 100
150 149.1 125.7 188.5
115 56.0 46.4 69.6



#5
2-Fluorophenol
Concen: 127.901 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

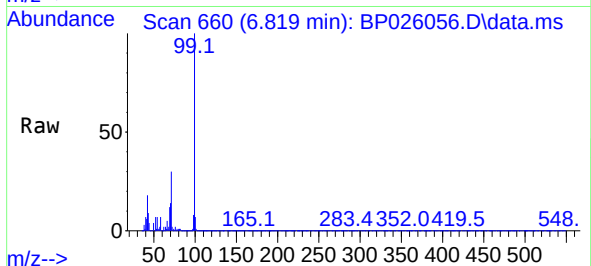
Tgt Ion:112 Resp: 2326638
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.3 24.2 36.4



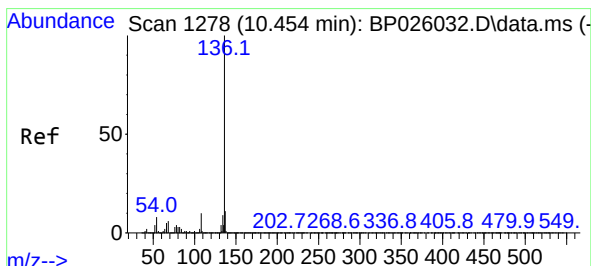
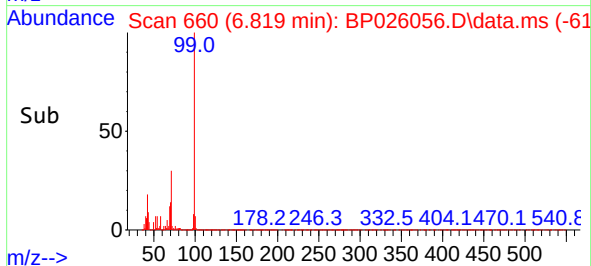
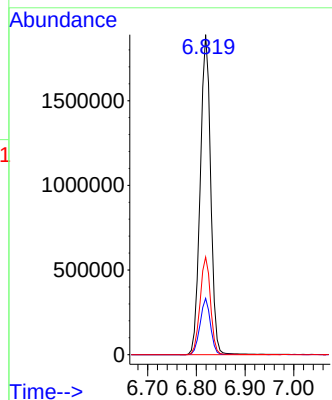


#7
Phenol-d6
Concen: 121.958 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

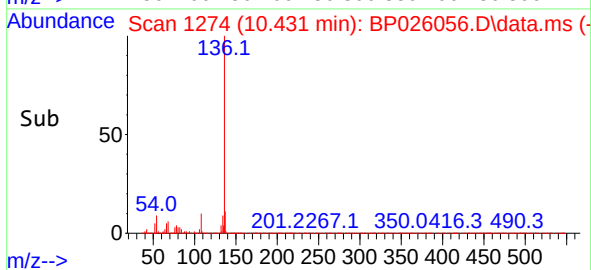
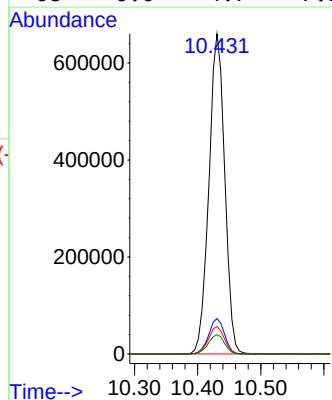
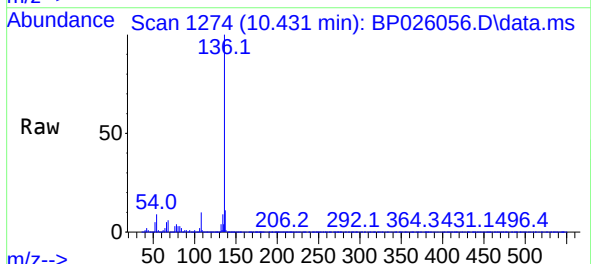


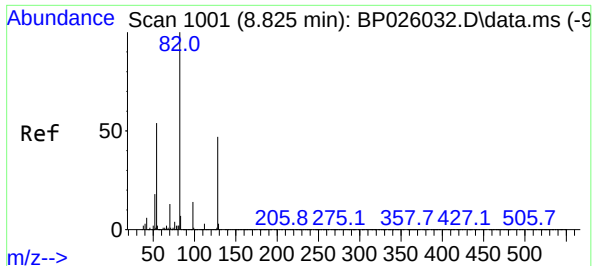
Tgt Ion: 99 Resp: 2823741
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion: 136 Resp: 1149841
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 6.6 10.0
68 6.0 4.7 7.1

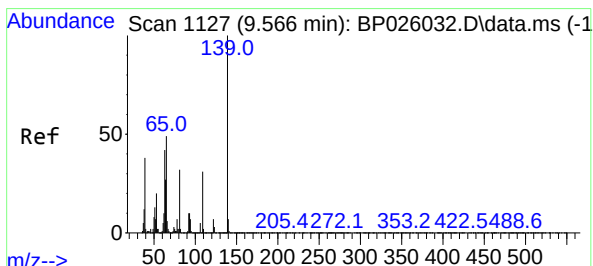
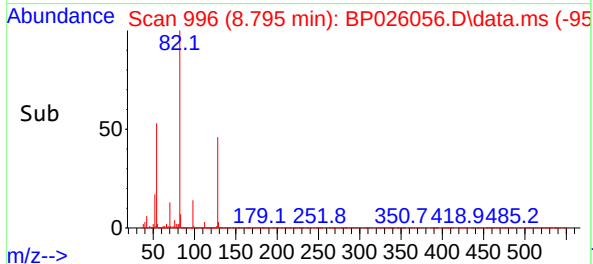
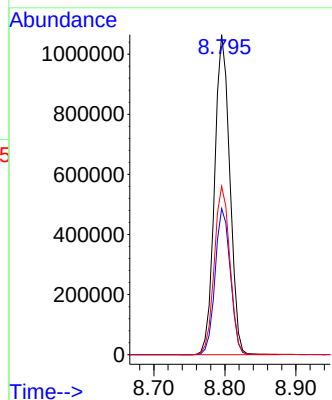
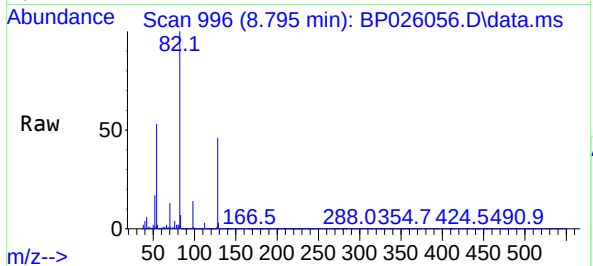




#23
Nitrobenzene-d5
Concen: 85.884 ng
RT: 8.795 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

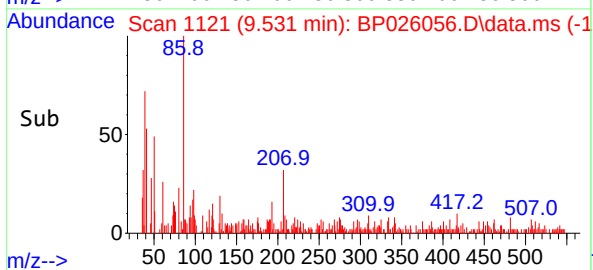
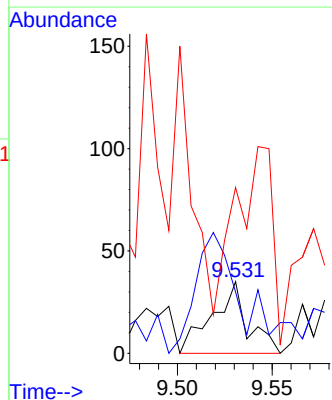
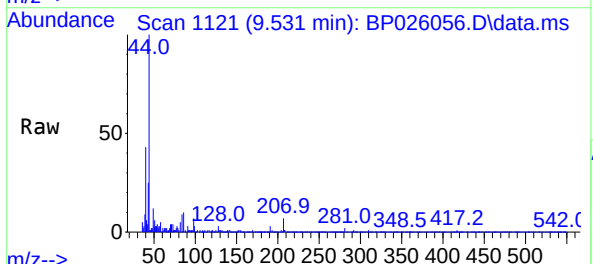
Instrument :
BNA_P
ClientSampleId :
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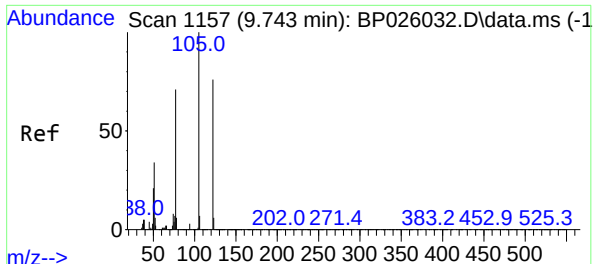
Tgt Ion: 82 Resp: 1584105
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.0
54 52.7 42.7 64.1



#26
2-Nitrophenol
Concen: 2.683 ng
RT: 9.531 min Scan# 1121
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion: 139 Resp: 46
Ion Ratio Lower Upper
139 100
109 85.7 24.8 37.2#
65 231.4 39.0 58.4#

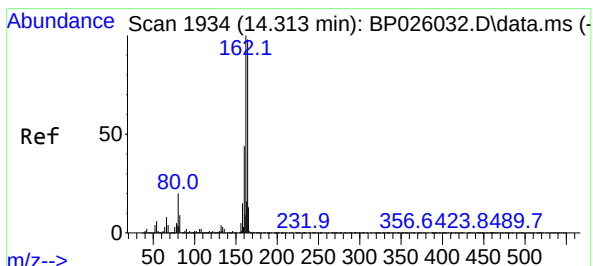
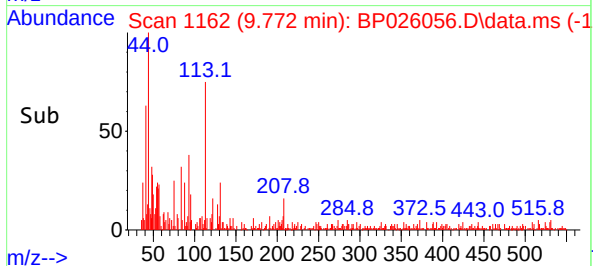
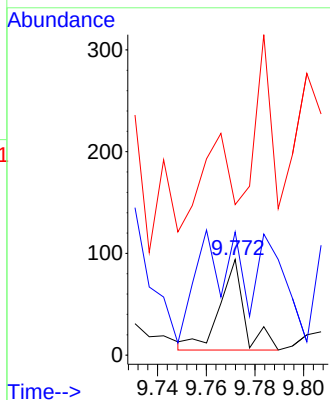
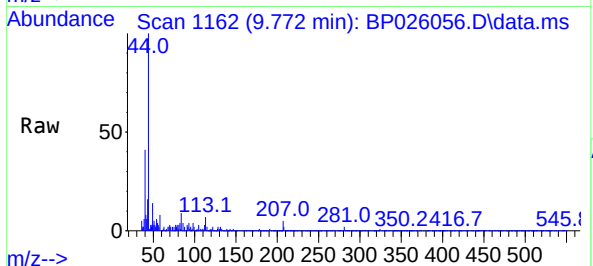




#32
Benzoic acid
Concen: 3.124 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

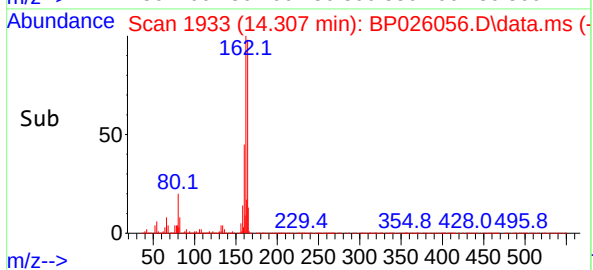
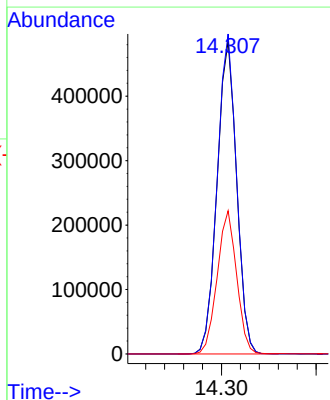
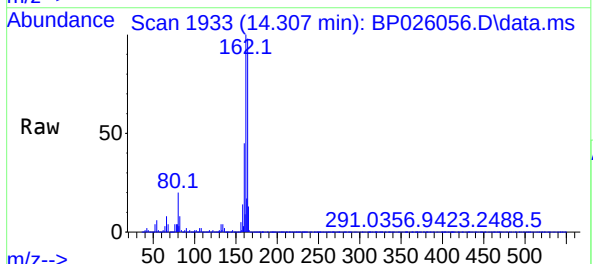
Instrument :
BNA_P
ClientSampleId :
PB170346BL

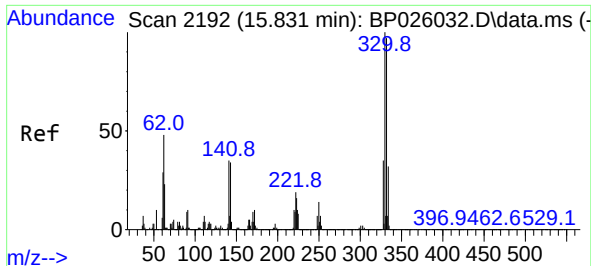
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 128.7 104.8 144.8
77 157.4 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:164 Resp: 696390
Ion Ratio Lower Upper
164 100
162 102.4 81.5 122.3
160 45.8 36.2 54.4

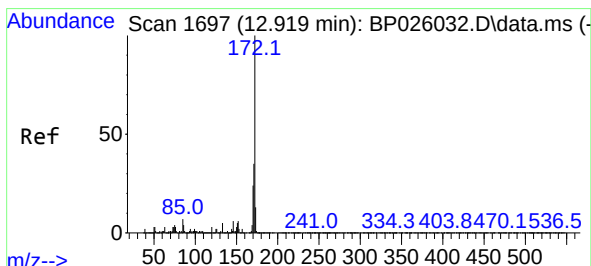
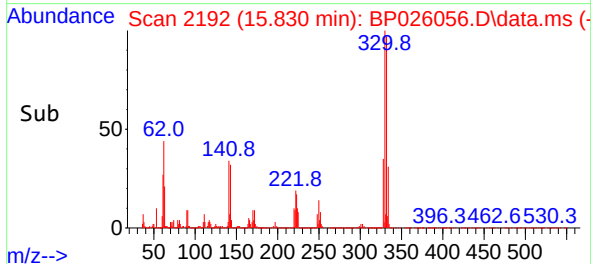
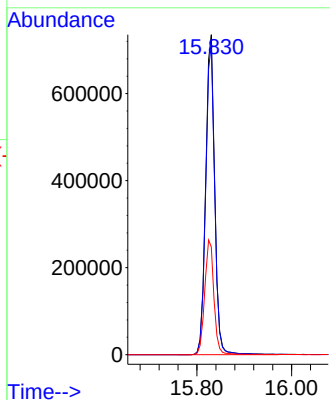
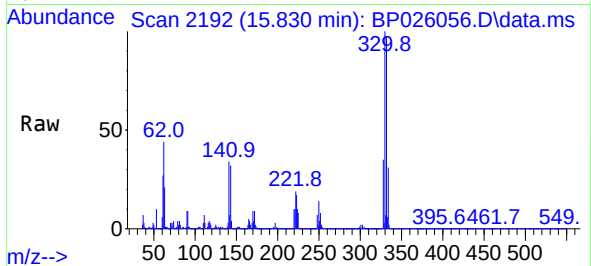




#42
2,4,6-Tribromophenol
Concen: 129.421 ng
RT: 15.830 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

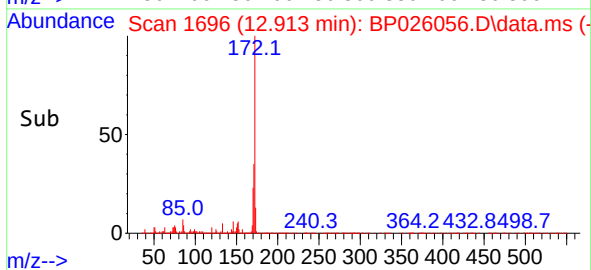
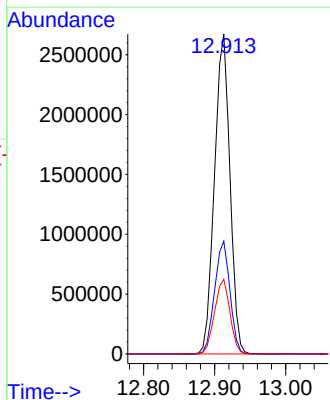
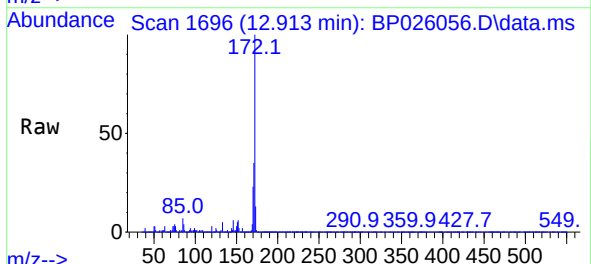
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ClientSampleId :
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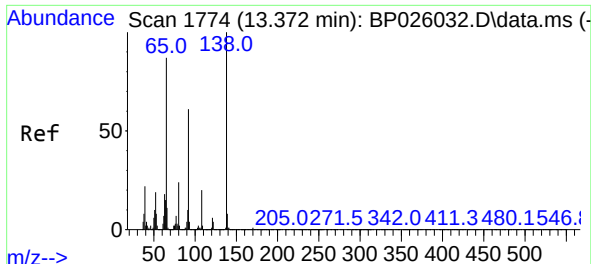
Tgt Ion:330 Resp: 974368
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 36.6 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 82.999 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:172 Resp: 4022471
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 19.0 28.4

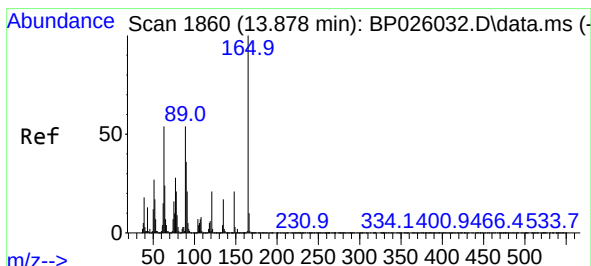
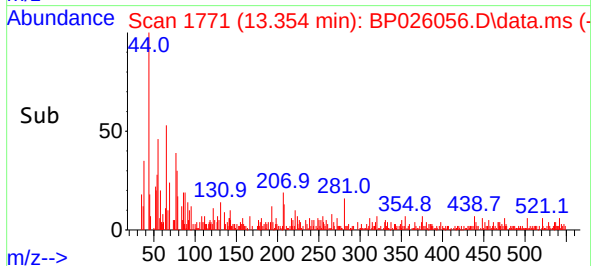
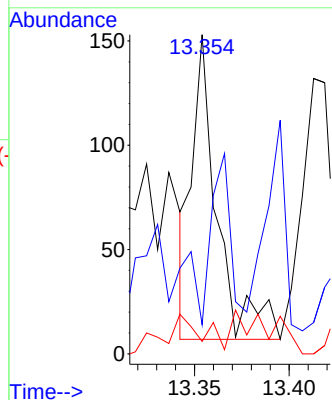
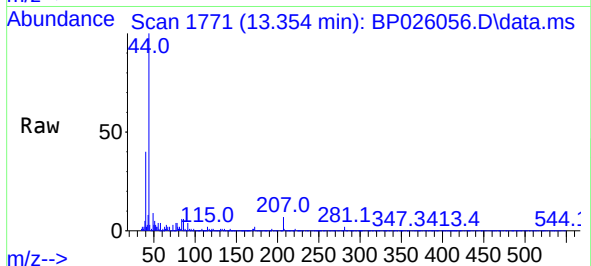




#48
2-Nitroaniline
Concen: 2.921 ng
RT: 13.354 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

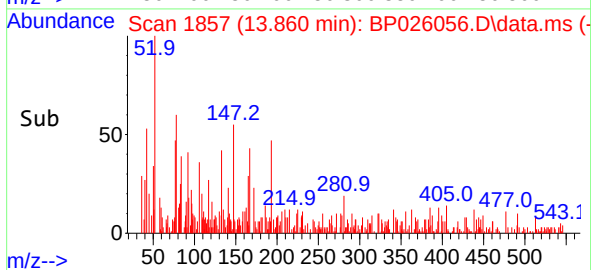
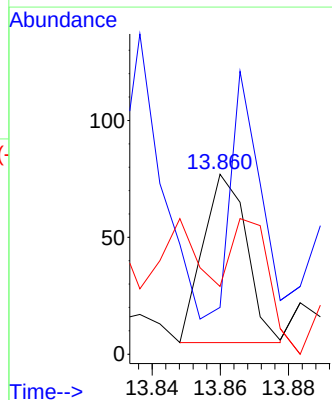
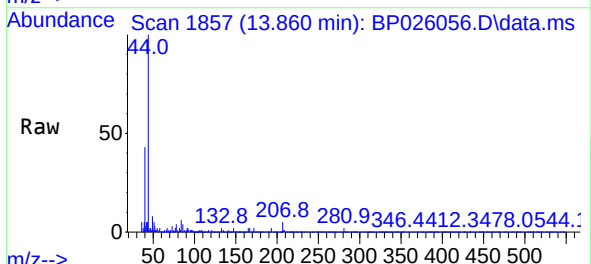
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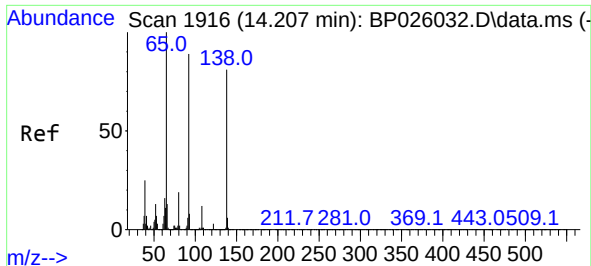
Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 9.2 55.5 83.3#
138 3.9 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.997 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion: 165 Resp: 64
Ion Ratio Lower Upper
165 100
63 68.2 43.0 64.4#
89 34.1 43.0 64.4#

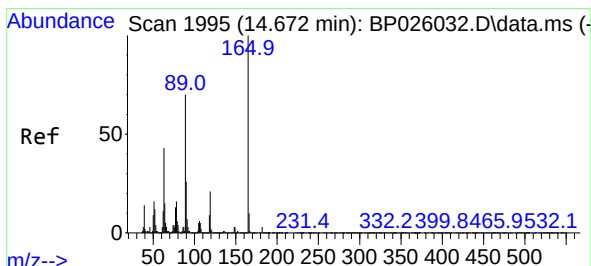
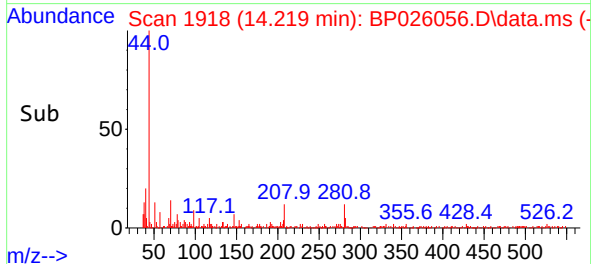
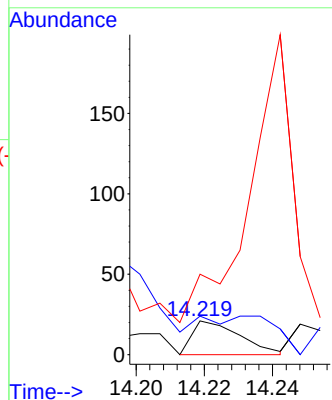
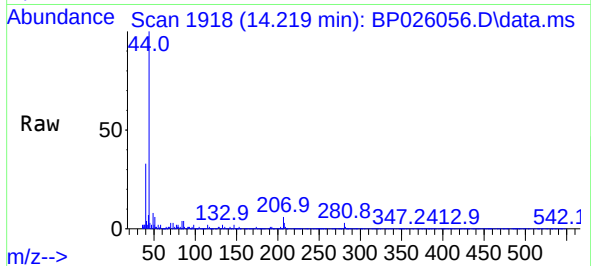




#53
3-Nitroaniline
Concen: 2.639 ng
RT: 14.219 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

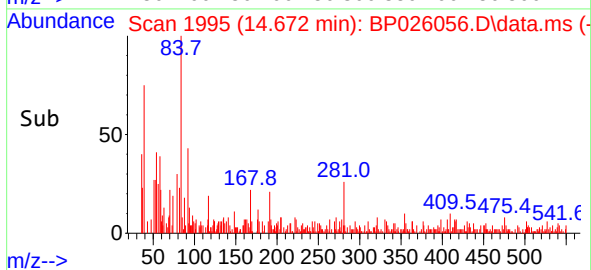
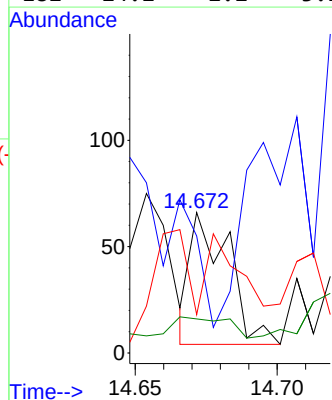
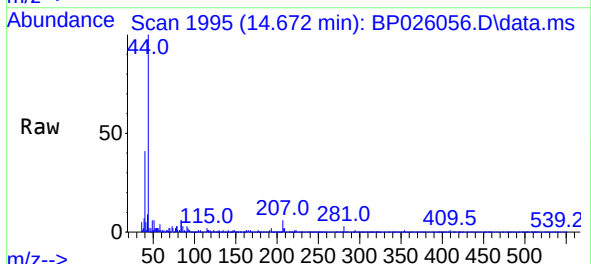
Instrument :
BNA_P
ClientSampleId :
PB170346BL

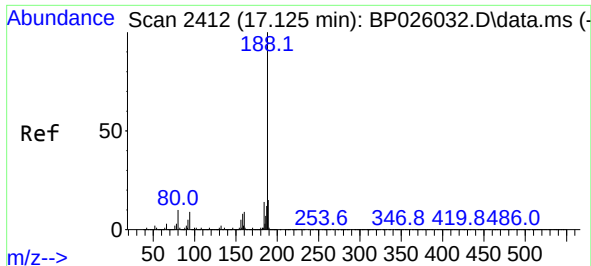
Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
108 114.3 11.4 17.0#
92 238.1 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 109.1 34.2 51.2#
89 27.3 56.0 84.0#
182 24.2 2.2 3.2#

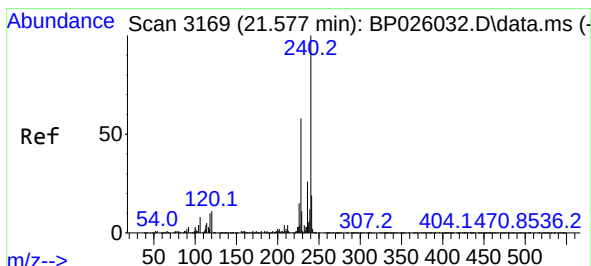
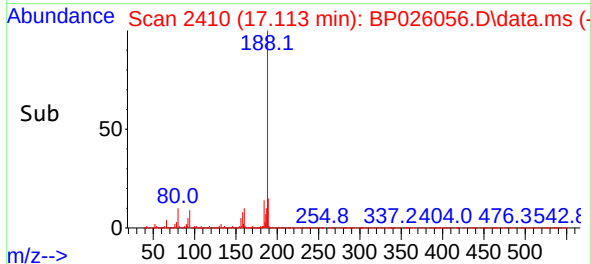
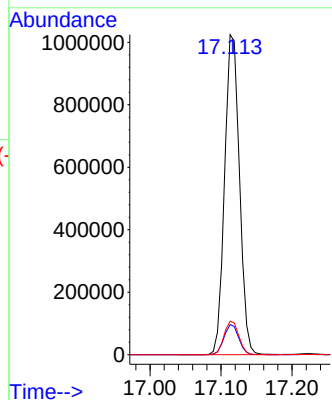
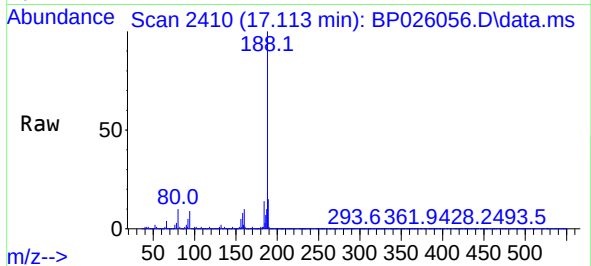




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

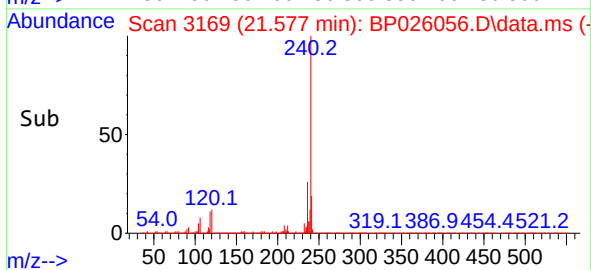
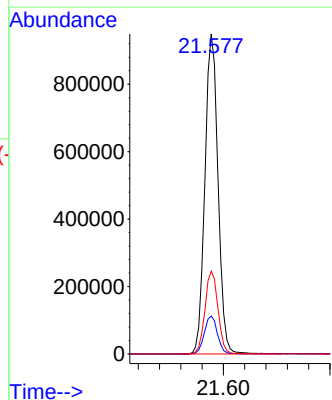
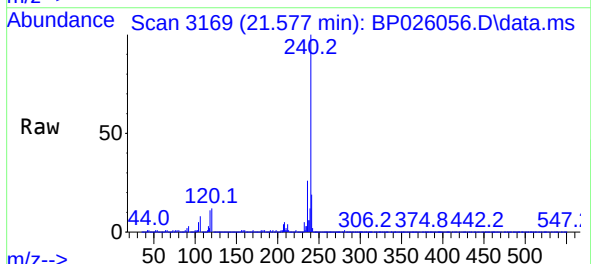
Instrument :
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ClientSampleId :
PB170346BL

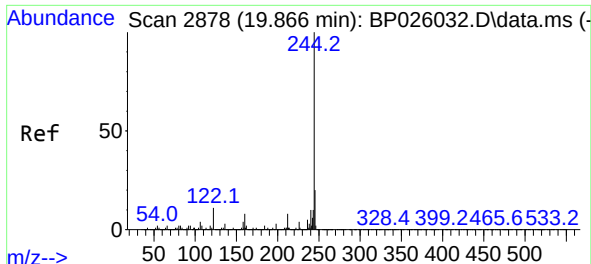
Tgt Ion:188 Resp: 1482446
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:240 Resp: 1619683
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.8 20.6 31.0

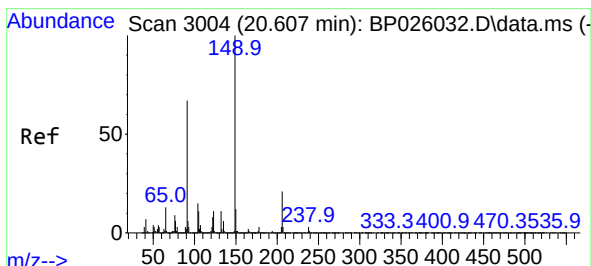
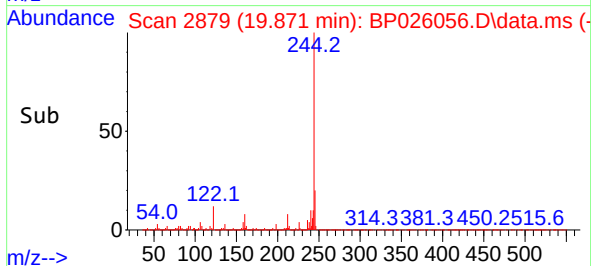
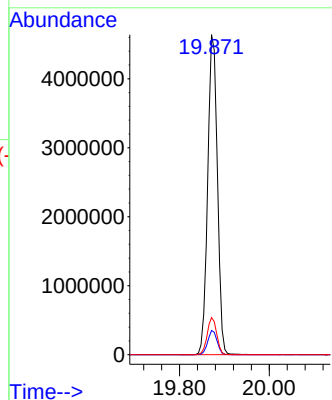
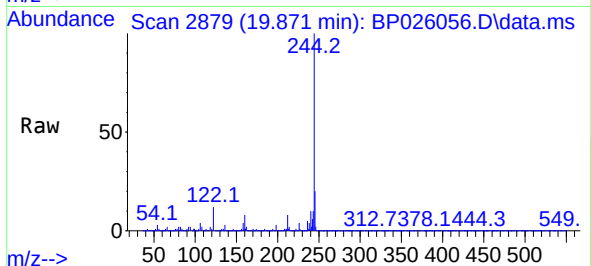




#79
 Terphenyl-d14
 Concen: 87.069 ng
 RT: 19.871 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026056.D
 Acq: 03 Nov 2025 13:21

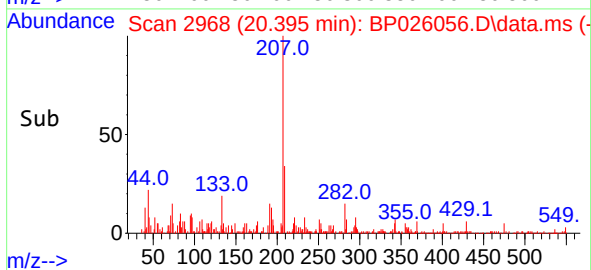
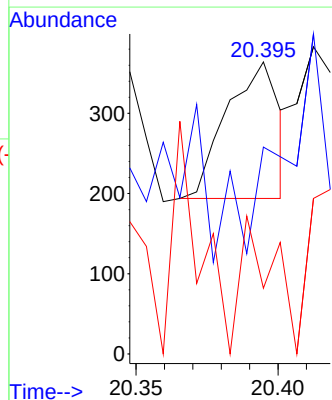
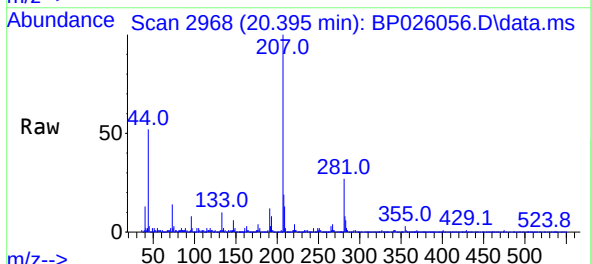
Instrument :
 BNA_P
 ClientSampleId :
 PB170346BL

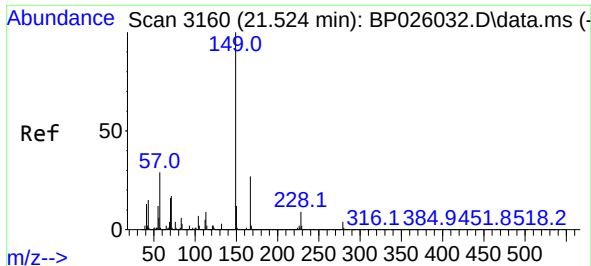
Tgt Ion:244 Resp: 6941237
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.402 ng
 RT: 20.395 min Scan# 2968
 Delta R.T. -0.212 min
 Lab File: BP026056.D
 Acq: 03 Nov 2025 13:21

Tgt Ion:149 Resp: 218
 Ion Ratio Lower Upper
 149 100
 91 70.9 53.5 80.3
 206 22.5 16.6 25.0

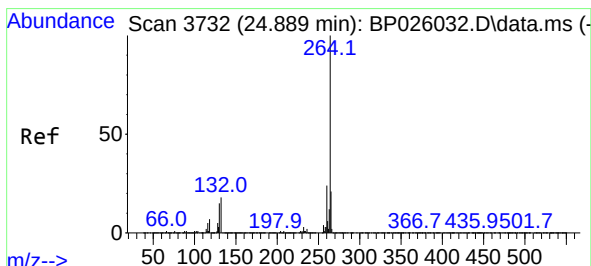
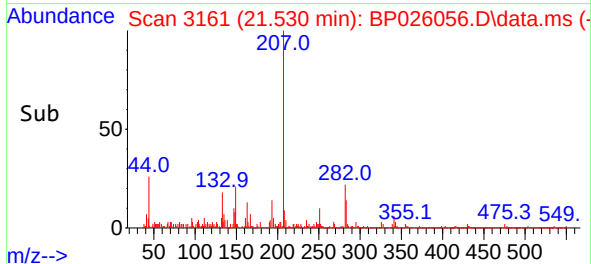
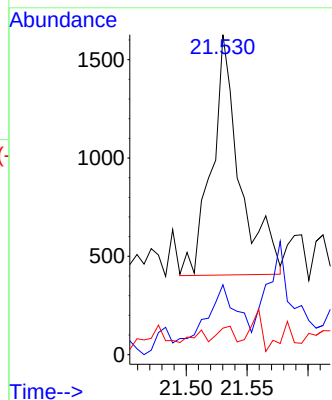
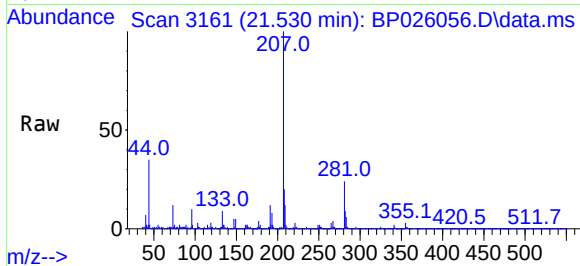




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.625 ng
RT: 21.530 min Scan# 3160
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:	149	Resp:	1944
Ion	Ratio	Lower	Upper
149	100		
167	21.8	21.5	32.3
279	8.3	3.0	4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.900 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:	264	Resp:	1773681
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	17.2	25.8

