

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026042.D
 Acq On : 30 Oct 2025 13:17
 Operator : RC/JU
 Sample : PB170261TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170261TB

Quant Time: Oct 30 13:41:48 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)

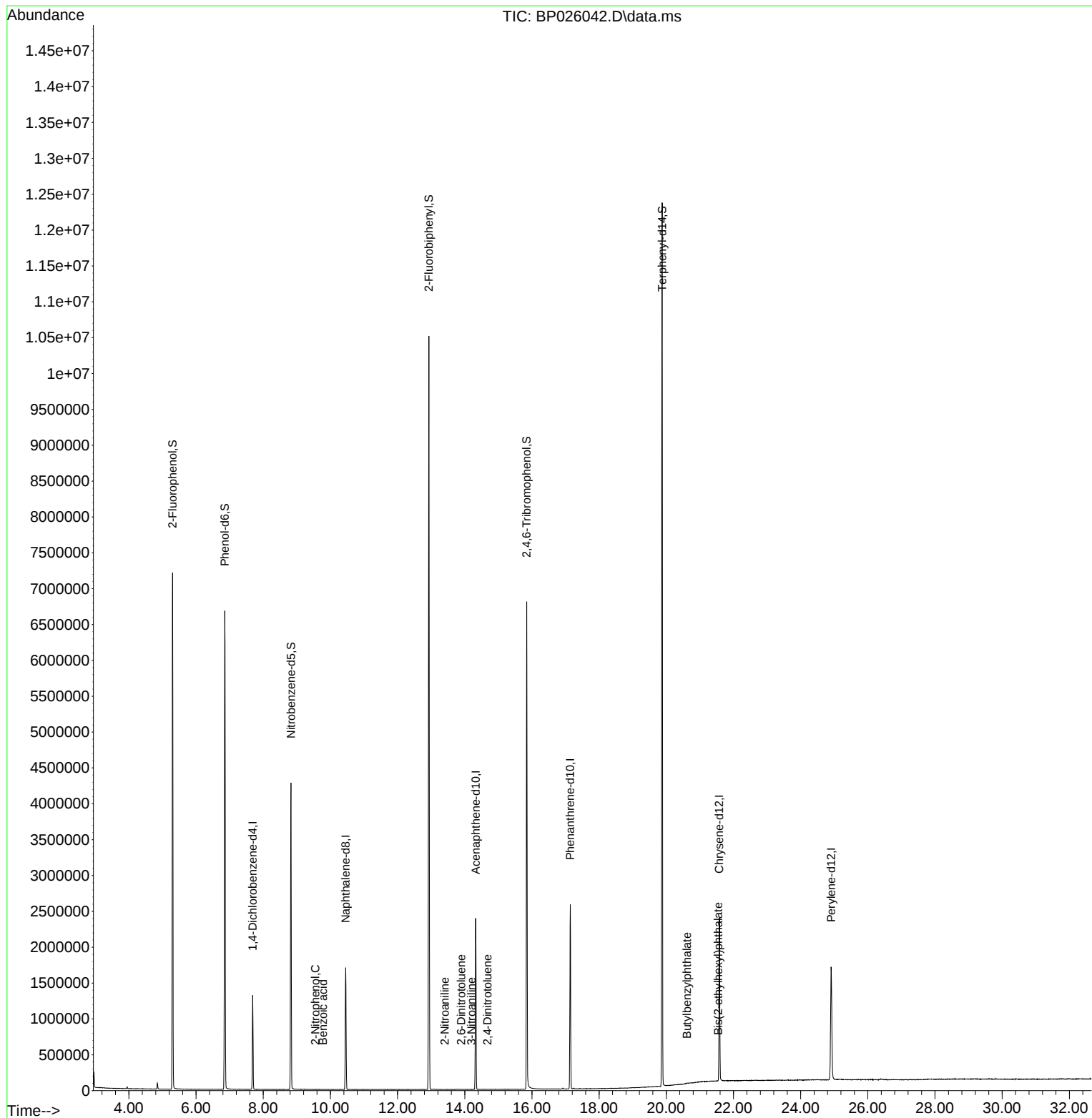
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	355143	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1409306	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	870770	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	1619254	20.000	ng	0.02
76) Chrysene-d12	21.577	240	1377786	20.000	ng	0.01
86) Perylene-d12	24.907	264	1485582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	3065746	142.443	ng	0.00
7) Phenol-d6	6.855	99	3771716	137.684	ng	0.00
23) Nitrobenzene-d5	8.825	82	2153182	95.245	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1221699	129.776	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	5523159	91.142	ng	0.00
79) Terphenyl-d14	19.877	244	6769368	99.821	ng	0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.554	139	30	2.680	ng #	38
32) Benzoic acid	9.778	122	122	3.129	ng #	60
48) 2-Nitroaniline	13.407	65	83	2.916	ng #	57
51) 2,6-Dinitrotoluene	13.895	165	23	2.993	ng #	50
53) 3-Nitroaniline	14.201	138	13	2.638	ng #	1
57) 2,4-Dinitrotoluene	14.678	165	14	3.088	ng #	62
80) Butylbenzylphthalate	20.619	149	225	3.403	ng #	50
84) Bis(2-ethylhexyl)phtha...	21.548	149	880	2.612	ng #	93

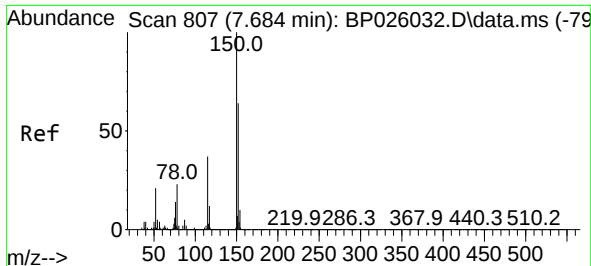
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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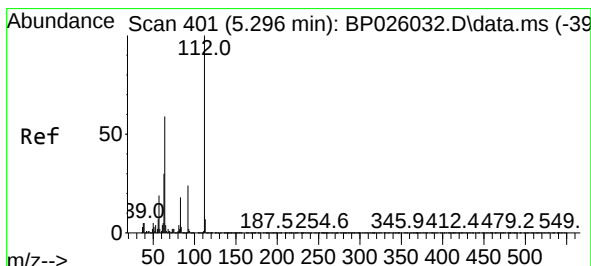
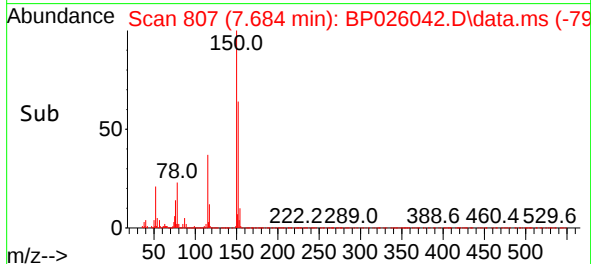
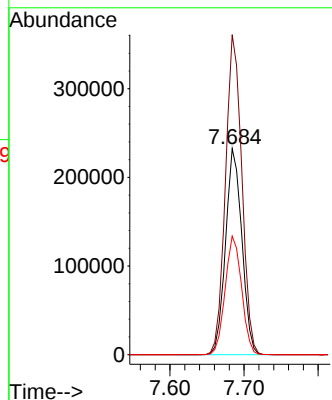
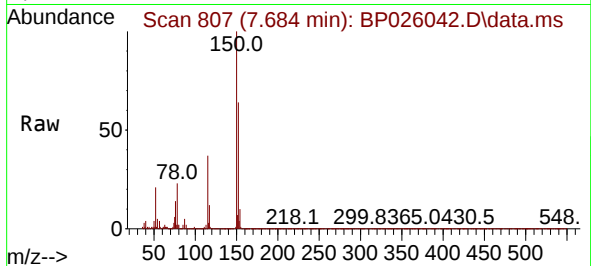




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.684 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

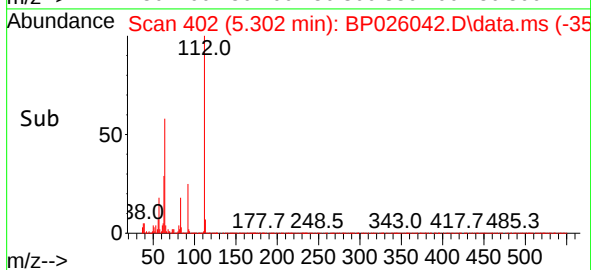
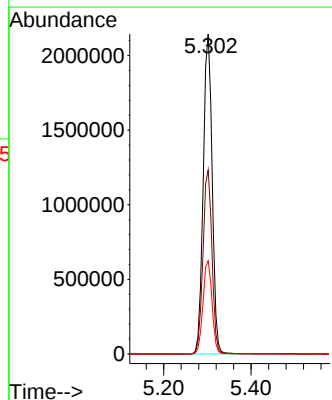
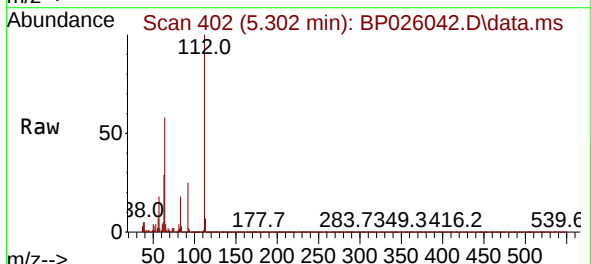
Instrument :
 BNA_P
 ClientSampleId :
 PB170261TB

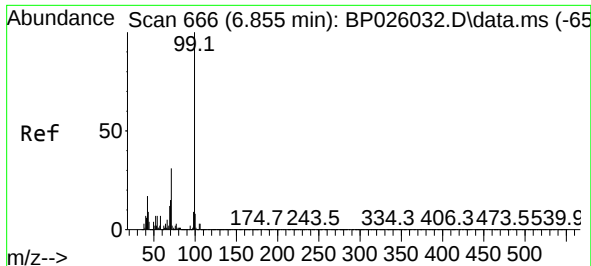
Tgt Ion:152 Resp: 355143
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.7 188.5
 115 57.6 46.4 69.6



#5
 2-Fluorophenol
 Concen: 142.443 ng
 RT: 5.302 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

Tgt Ion:112 Resp: 3065746
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.4 71.2
 63 29.1 24.2 36.4



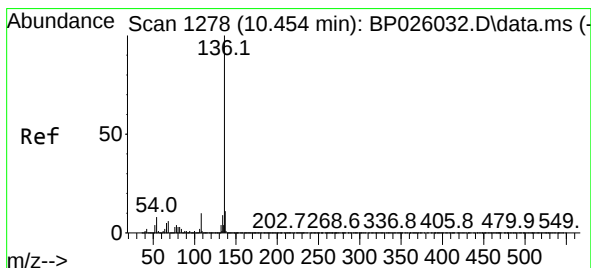
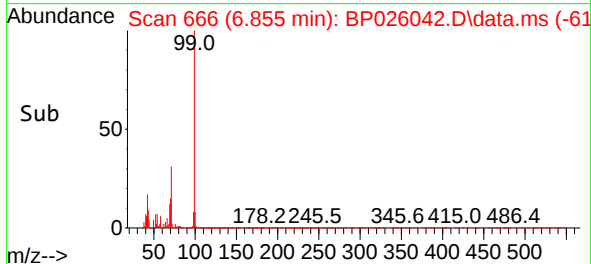
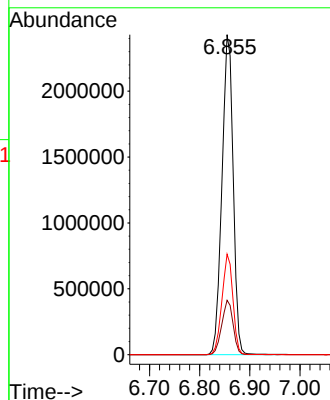
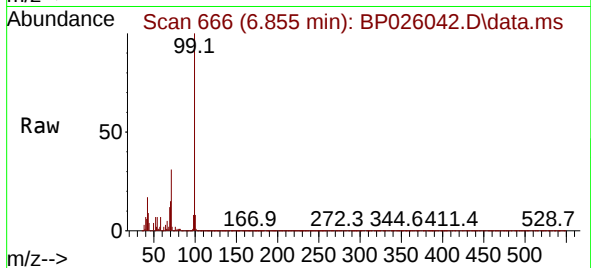


#7
Phenol-d6
Concen: 137.684 ng
RT: 6.855 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Instrument :
BNA_P
ClientSampleId :
PB170261TB

Tgt Ion: 99 Resp: 3771716

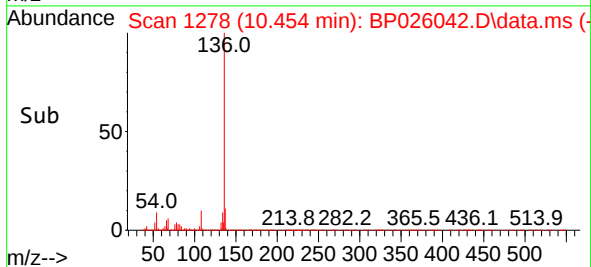
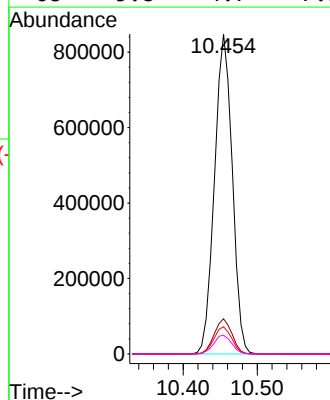
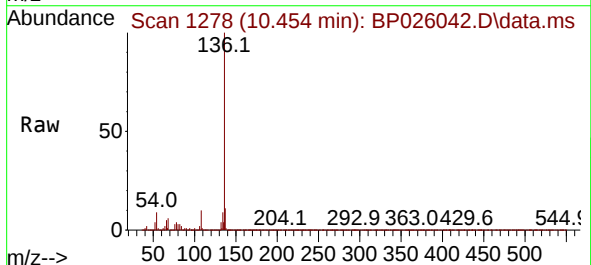
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	31.4	24.4	36.6

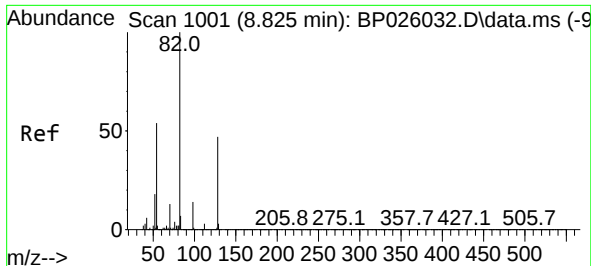


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:136 Resp: 1409306

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	6.6	10.0
68	5.8	4.7	7.1

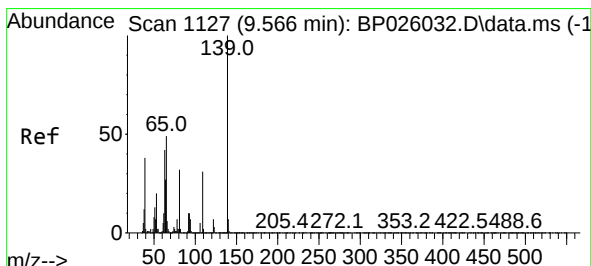
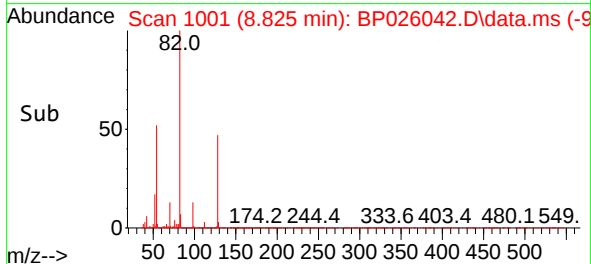
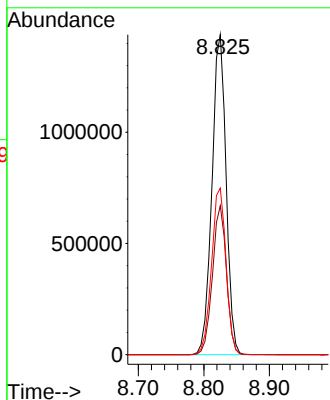
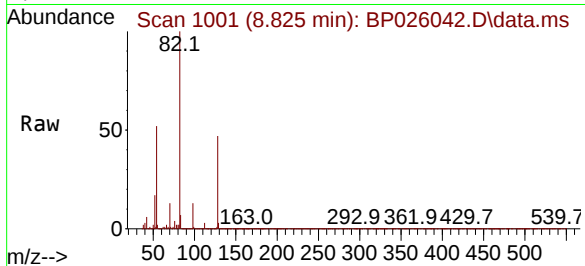




#23
Nitrobenzene-d5
Concen: 95.245 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

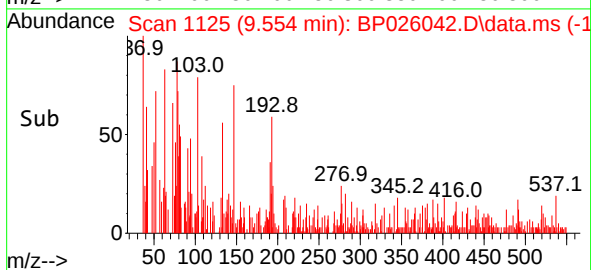
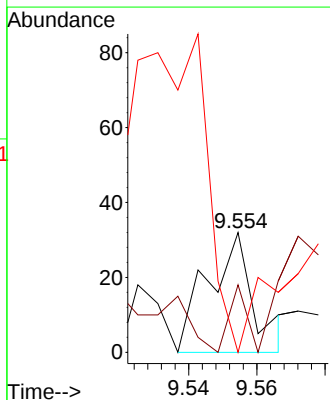
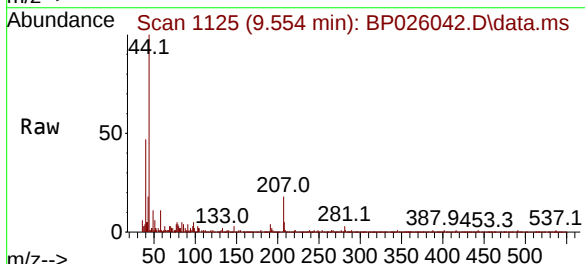
Instrument :
BNA_P
ClientSampleId :
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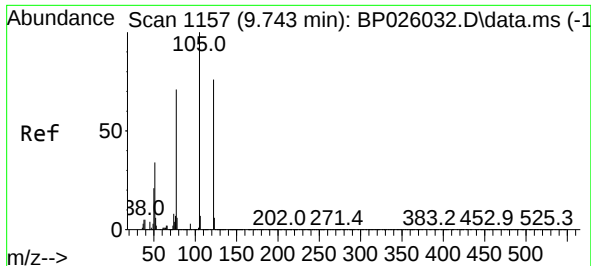
Tgt Ion: 82 Resp: 2153182
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.0
54 52.1 42.7 64.1



#26
2-Nitrophenol
Concen: 2.680 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 56.3 24.8 37.2#
65 0.0 39.0 58.4#

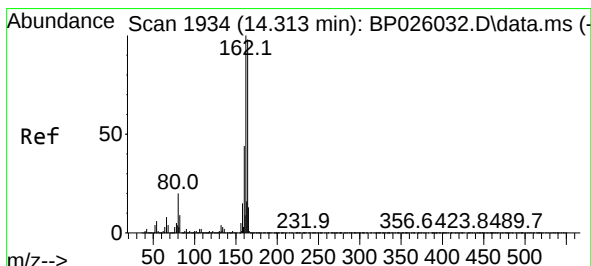
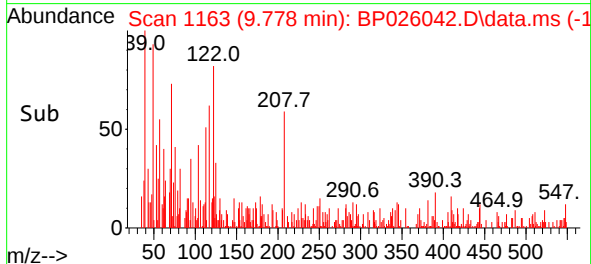
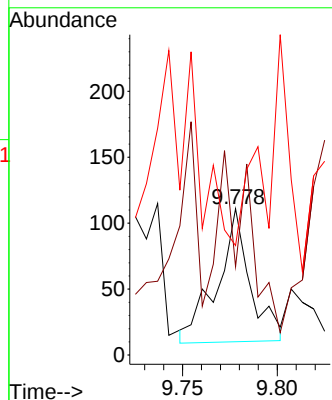
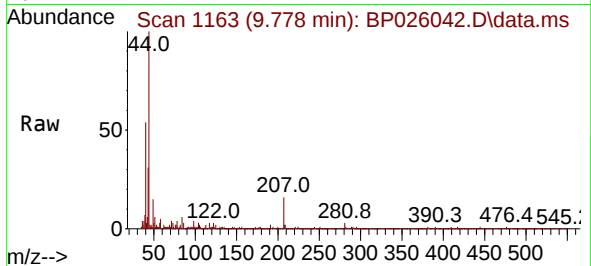




#32
Benzoic acid
Concen: 3.129 ng
RT: 9.778 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

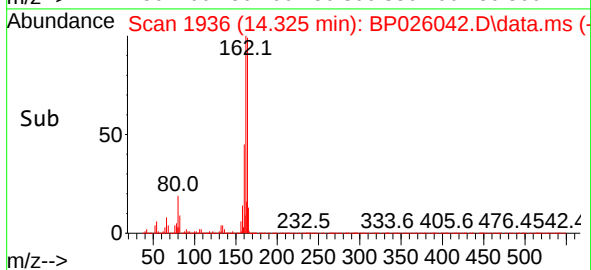
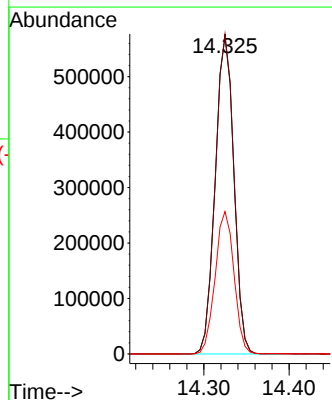
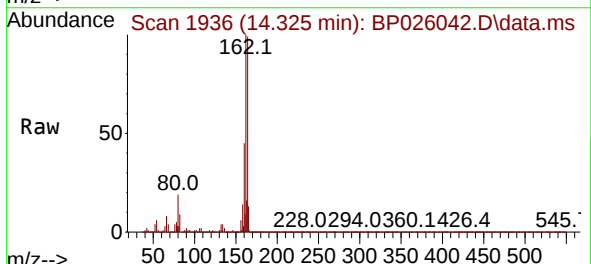
Instrument :
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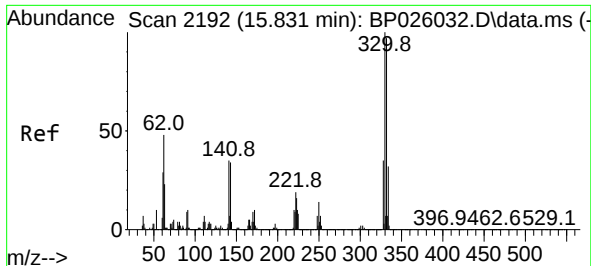
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 60.4 104.8 144.8#
77 74.8 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:164 Resp: 870770
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 45.0 36.2 54.4

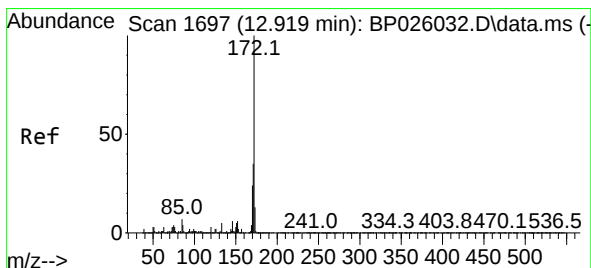
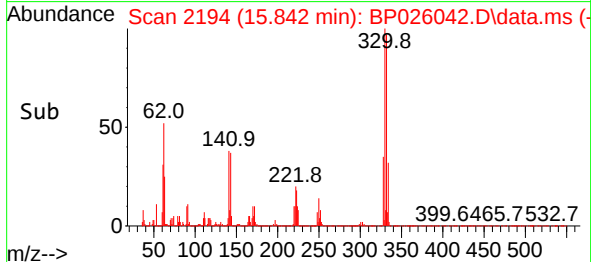
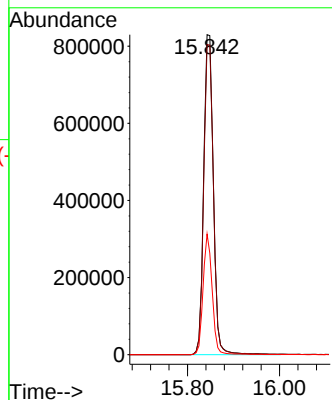
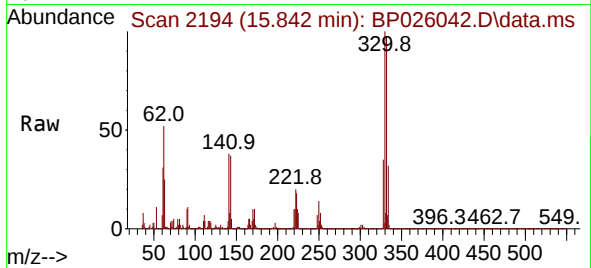




#42
2,4,6-Tribromophenol
Concen: 129.776 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

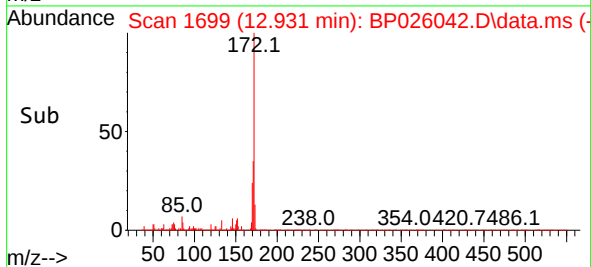
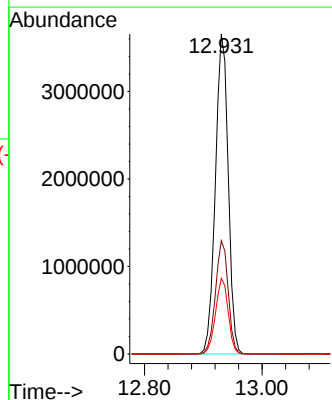
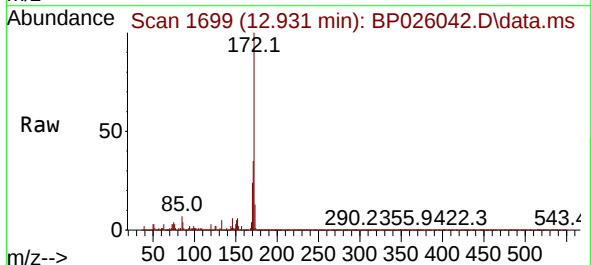
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BNA_P
ClientSampleId :
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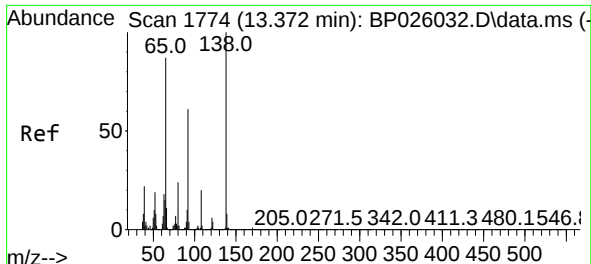
Tgt Ion:330 Resp: 1221699
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.3 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 91.142 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:172 Resp: 5523159
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.0 28.4

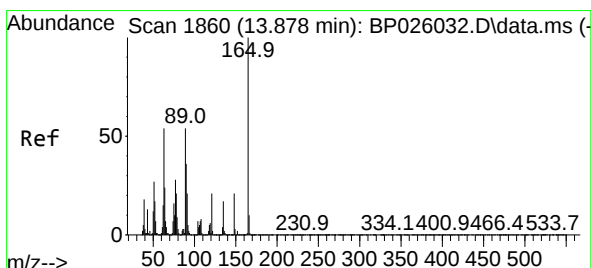
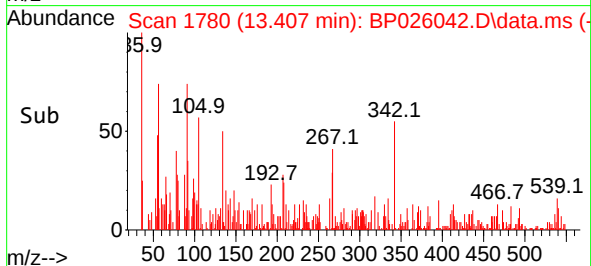
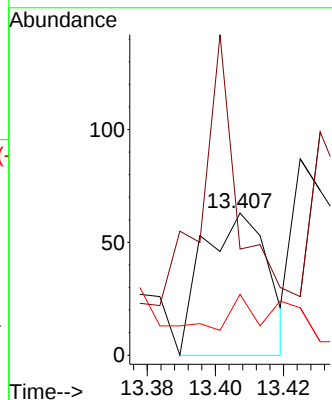
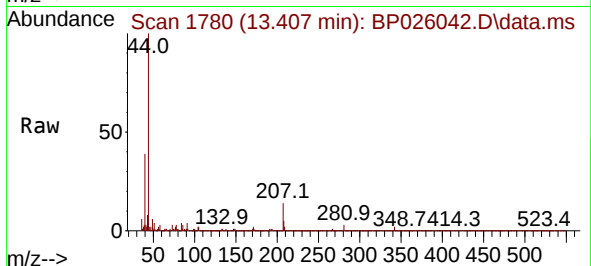




#48
2-Nitroaniline
Concen: 2.916 ng
RT: 13.407 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

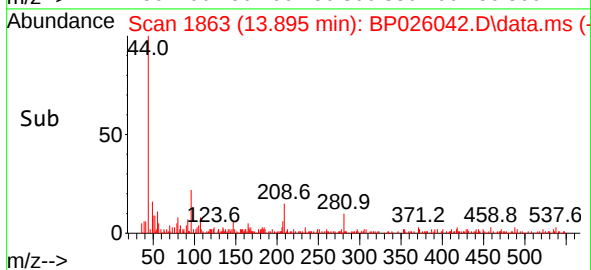
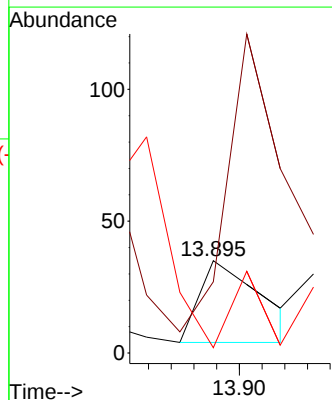
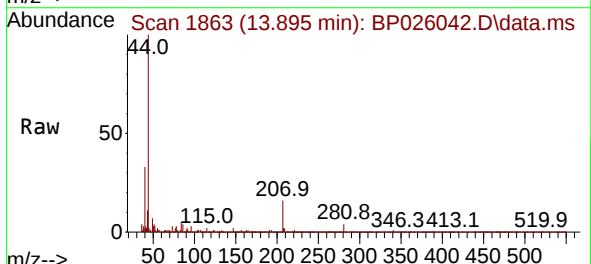
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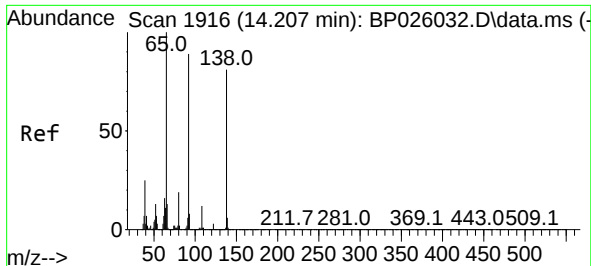
Tgt Ion: 65 Resp: 83
Ion Ratio Lower Upper
65 100
92 74.6 55.5 83.3
138 44.4 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.993 ng
RT: 13.895 min Scan# 1863
Delta R.T. 0.017 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion: 165 Resp: 23
Ion Ratio Lower Upper
165 100
63 77.1 43.0 64.4#
89 5.7 43.0 64.4#

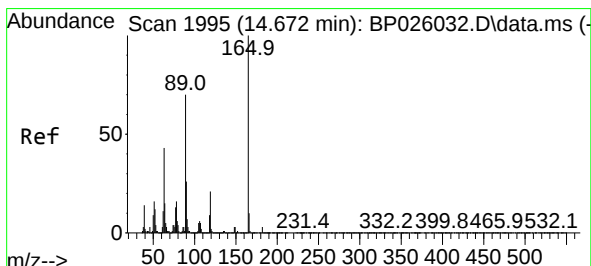
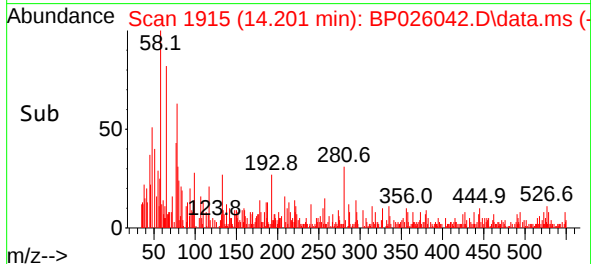
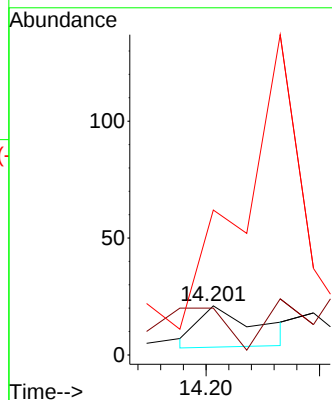
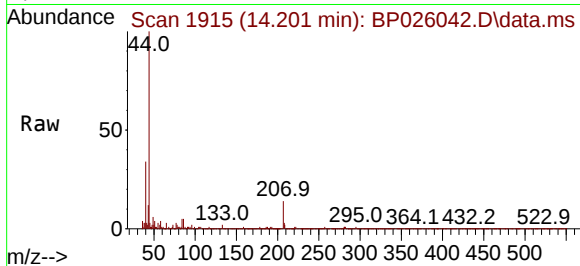




#53
3-Nitroaniline
Concen: 2.638 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

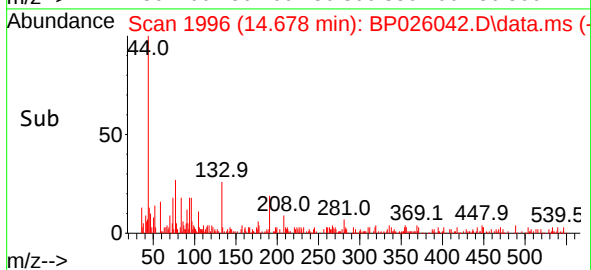
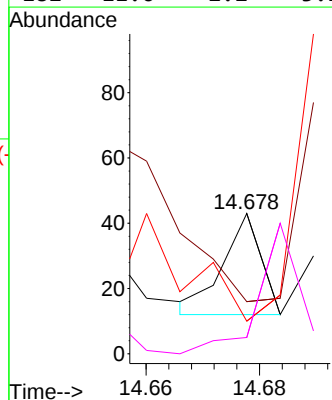
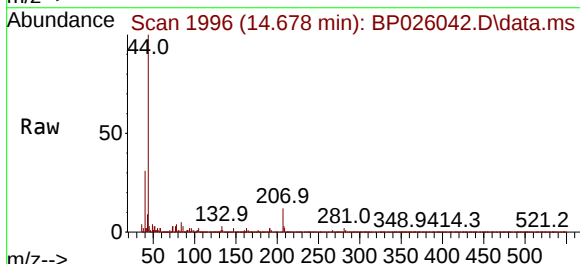
Instrument :
BNA_P
ClientSampleId :
PB170261TB

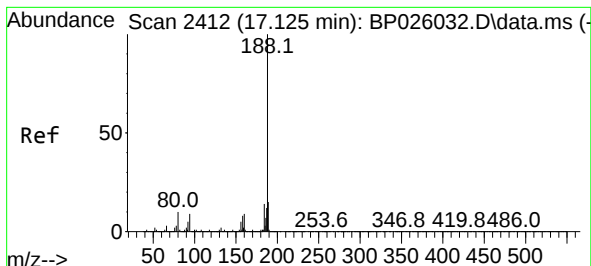
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 95.2 11.4 17.0#
92 295.2 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.088 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:165 Resp: 14
Ion Ratio Lower Upper
165 100
63 37.2 34.2 51.2
89 23.3 56.0 84.0#
182 11.6 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.142 min Scan# 2412

Delta R.T. 0.018 min

Lab File: BP026042.D

Acq: 30 Oct 2025 13:17

Instrument :

BNA_P

ClientSampleId :

PB170261TB

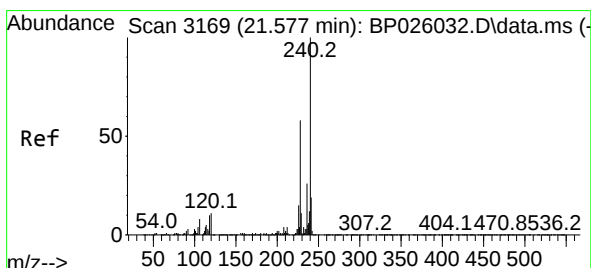
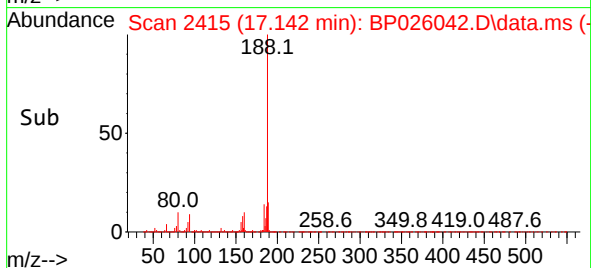
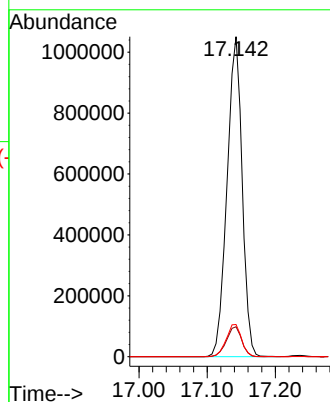
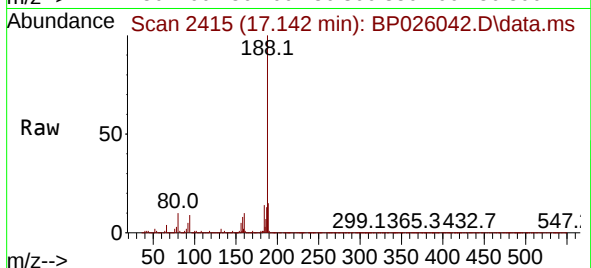
Tgt Ion:188 Resp: 1619254

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 10.0 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: BP026042.D

Acq: 30 Oct 2025 13:17

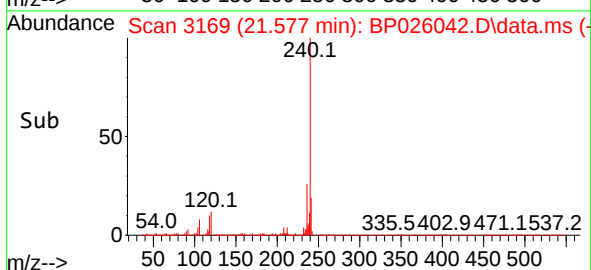
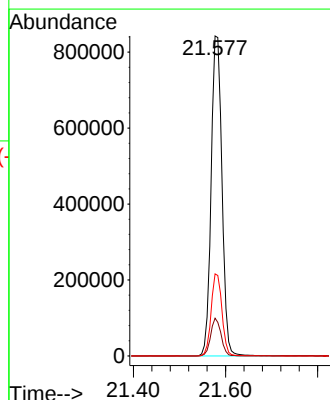
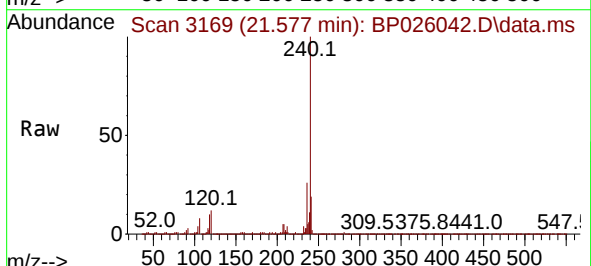
Tgt Ion:240 Resp: 1377786

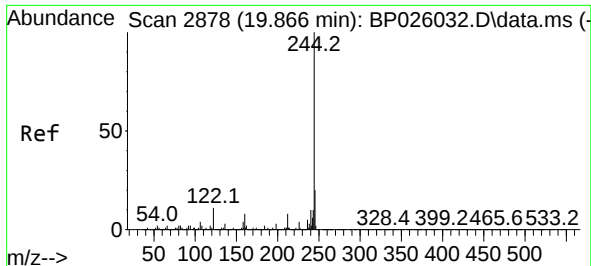
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.7 20.6 31.0

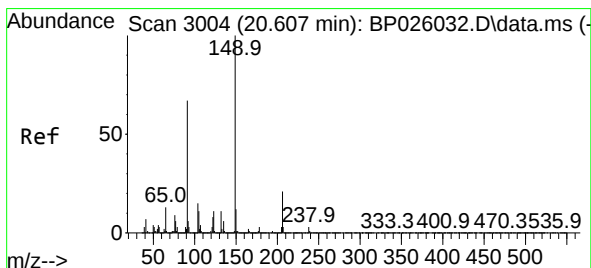
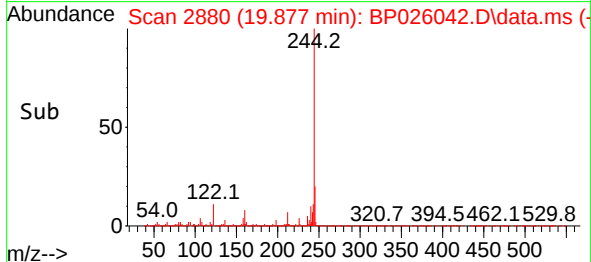
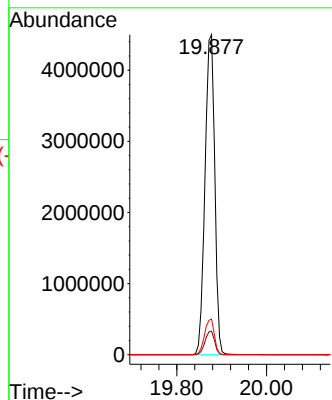
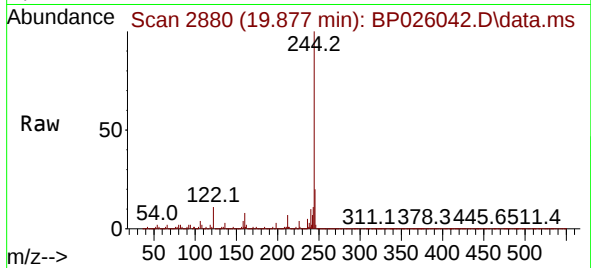




#79
 Terphenyl-d14
 Concen: 99.821 ng
 RT: 19.877 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

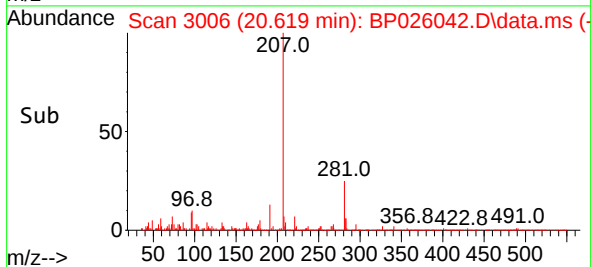
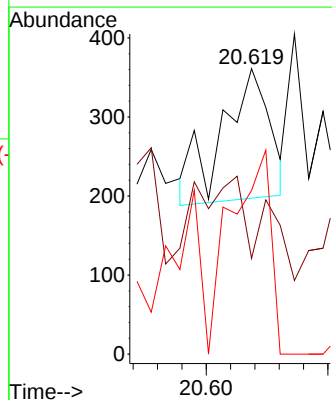
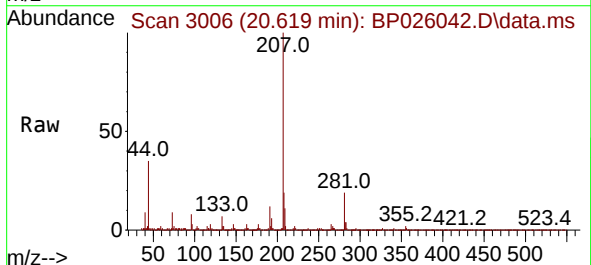
Instrument :
 BNA_P
 ClientSampleId :
 PB170261TB

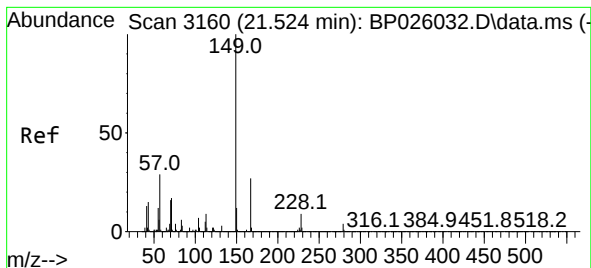
Tgt Ion:244 Resp: 6769368
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.403 ng
 RT: 20.619 min Scan# 3006
 Delta R.T. 0.012 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

Tgt Ion:149 Resp: 225
 Ion Ratio Lower Upper
 149 100
 91 33.5 53.5 80.3#
 206 57.3 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.612 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.030 min

Lab File: BP026042.D

Acq: 30 Oct 2025 13:17

Instrument :

BNA_P

ClientSampleId :

PB170261TB

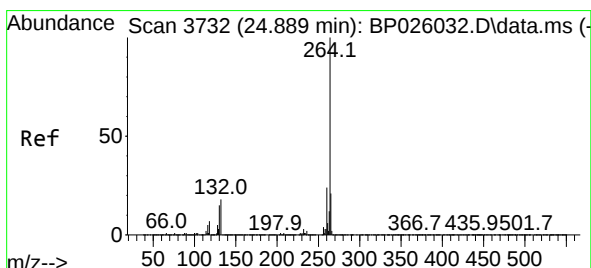
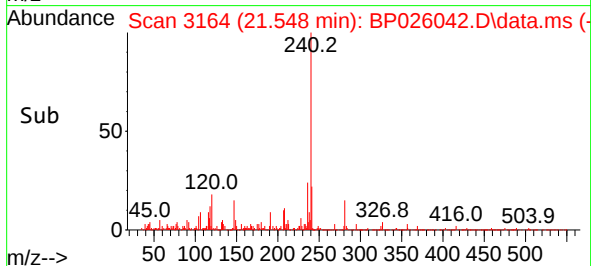
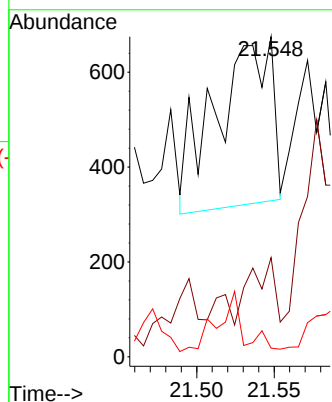
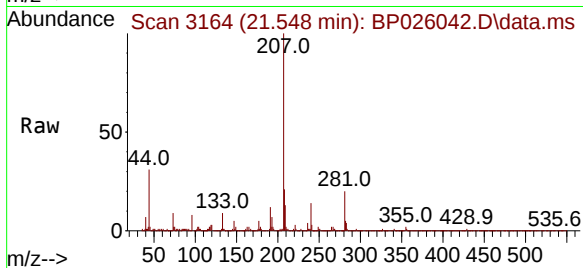
Tgt Ion:149 Resp: 880

Ion Ratio Lower Upper

149 100

167 31.0 21.5 32.3

279 2.7 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.907 min Scan# 3735

Delta R.T. 0.024 min

Lab File: BP026042.D

Acq: 30 Oct 2025 13:17

Tgt Ion:264 Resp: 1485582

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.0 17.2 25.8

