

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026105.D
 Acq On : 12 Nov 2025 01:06
 Operator : RC/JU
 Sample : Q3581-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200059

Quant Time: Nov 12 01:50:39 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)

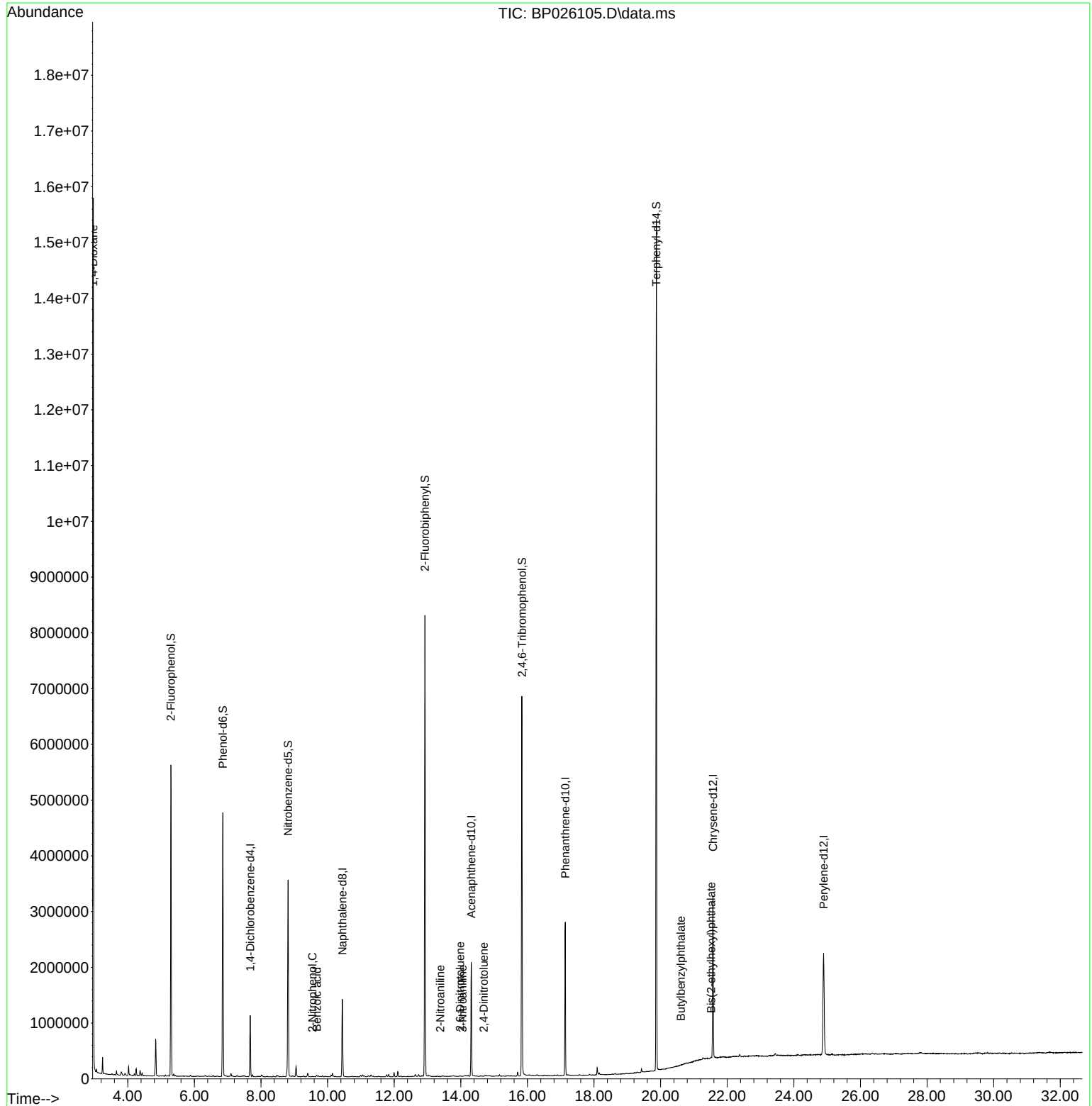
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	310420	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1185129	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	727864	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1503498	20.000	ng	0.01
76) Chrysene-d12	21.572	240	1680743	20.000	ng	0.00
86) Perylene-d12	24.895	264	1831494	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2483728	132.027	ng	0.00
7) Phenol-d6	6.855	99	2813401	117.498	ng	0.00
23) Nitrobenzene-d5	8.813	82	1929216	101.480	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	1369053	173.982	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4637080	91.544	ng	0.00
79) Terphenyl-d14	19.872	244	7538816	91.129	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.967	88	98708	12.446	ng	# 1
26) 2-Nitrophenol	9.549	139	86	2.688	ng	# 1
32) Benzoic acid	9.678	122	7697	4.076	ng	95
48) 2-Nitroaniline	13.384	65	145	2.922	ng	# 58
51) 2,6-Dinitrotoluene	13.984	165	108	3.001	ng	95
53) 3-Nitroaniline	14.054	138	211	2.654	ng	91
57) 2,4-Dinitrotoluene	14.690	165	40	3.089	ng	# 33
80) Butylbenzylphthalate	20.613	149	678	3.412	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.519	149	9570	2.731	ng	# 97

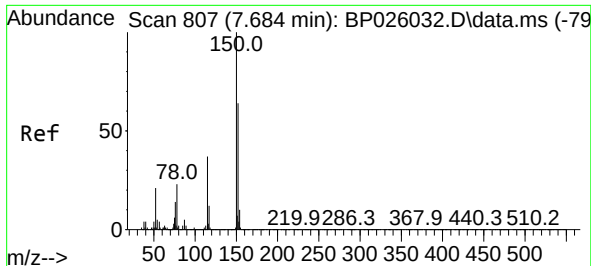
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026105.D
Acq On : 12 Nov 2025 01:06
Operator : RC/JU
Sample : Q3581-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Time: Nov 12 01:50:39 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

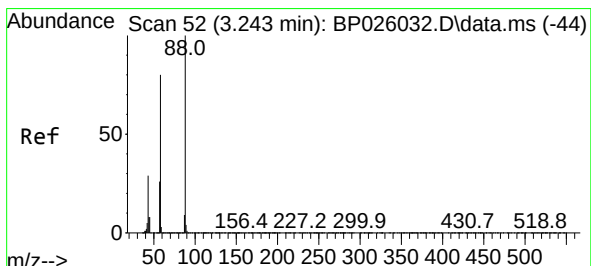
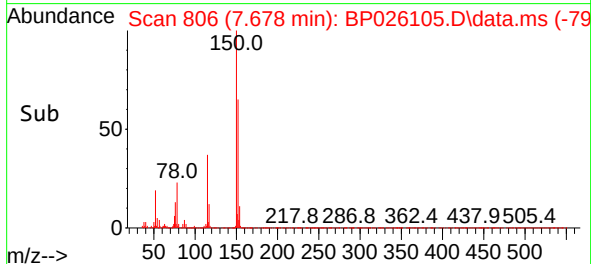
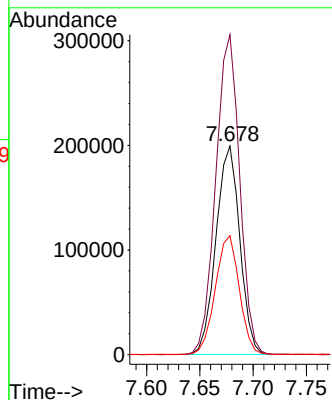
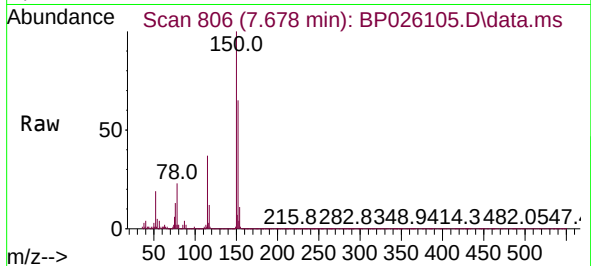




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026105.D
 Acq: 12 Nov 2025 01:06

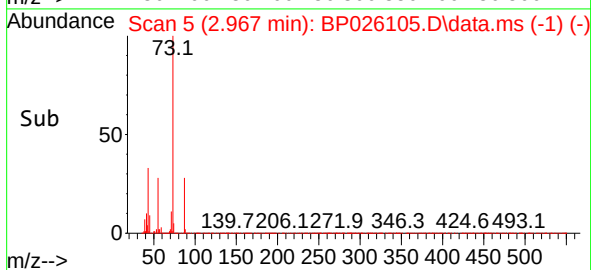
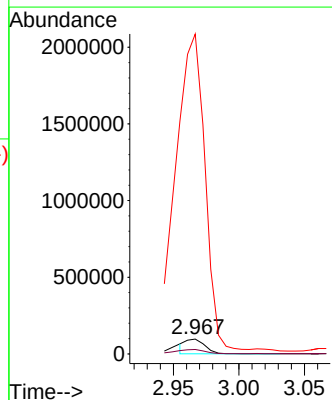
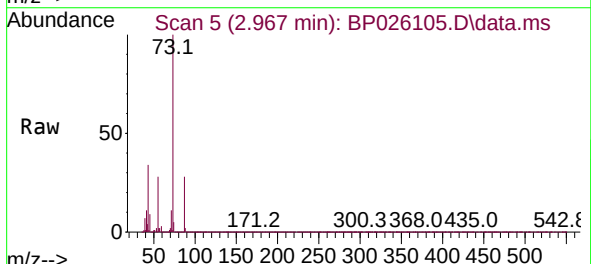
Instrument :
 BNA_P
 ClientSampleId :
 RBR200059

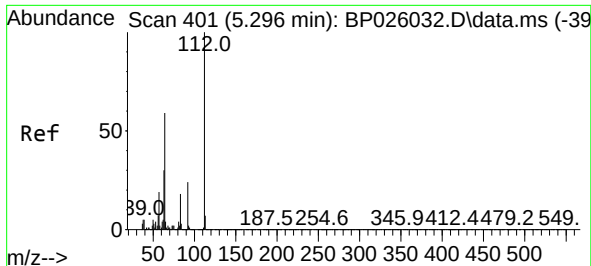
Tgt Ion:152 Resp: 310420
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.7 188.5
 115 57.0 46.4 69.6



#2
 1,4-Dioxane
 Concen: 12.446 ng
 RT: 2.967 min Scan# 5
 Delta R.T. -0.270 min
 Lab File: BP026105.D
 Acq: 12 Nov 2025 01:06

Tgt Ion: 88 Resp: 98708
 Ion Ratio Lower Upper
 88 100
 58 28.2 65.4 98.0#
 43 2181.3 23.1 34.7#

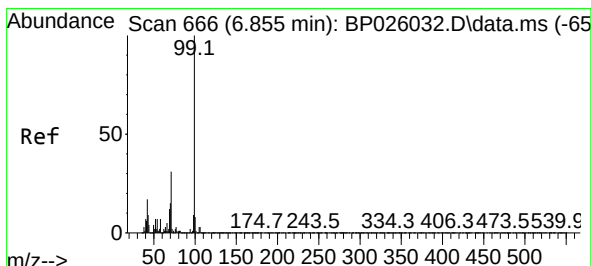
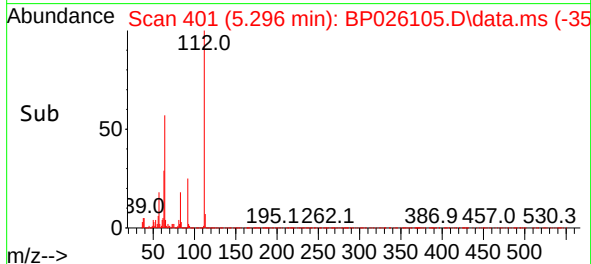
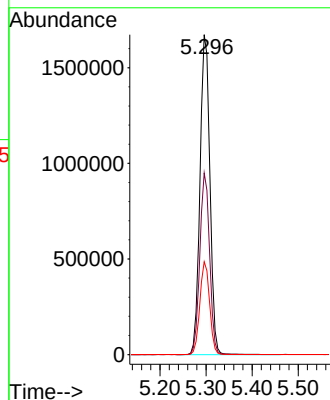
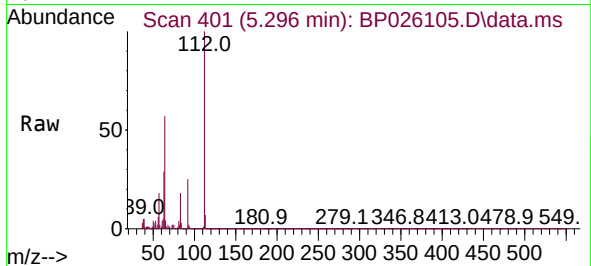




#5
2-Fluorophenol
Concen: 132.027 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

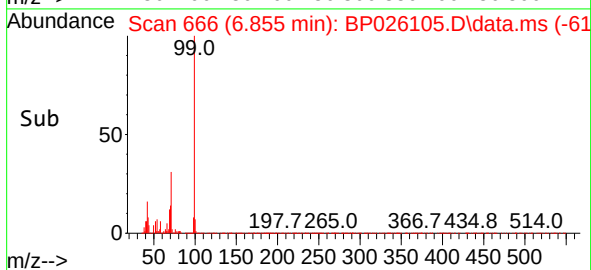
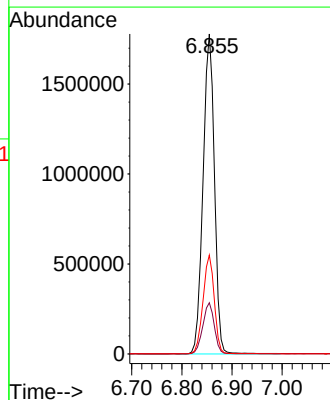
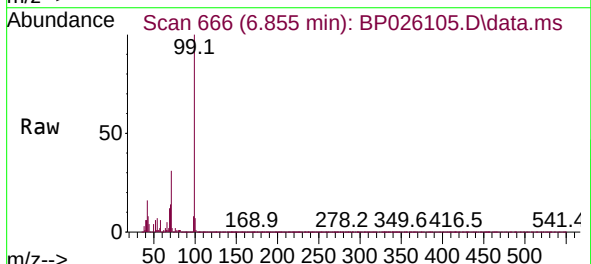
Instrument :
BNA_P
ClientSampleId :
RBR200059

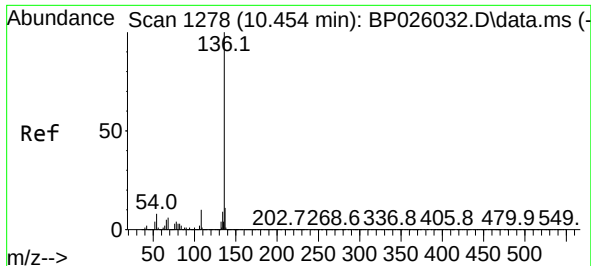
Tgt Ion:112 Resp: 2483728
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.2
63 29.0 24.2 36.4



#7
Phenol-d6
Concen: 117.498 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion: 99 Resp: 2813401
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 30.9 24.4 36.6



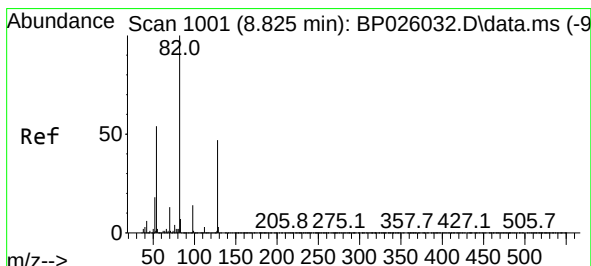
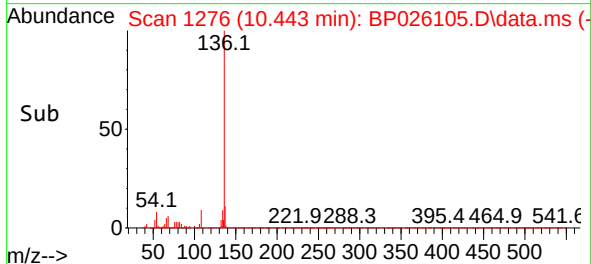
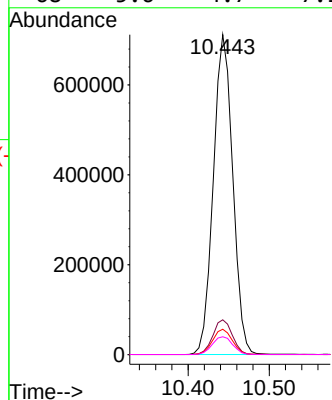
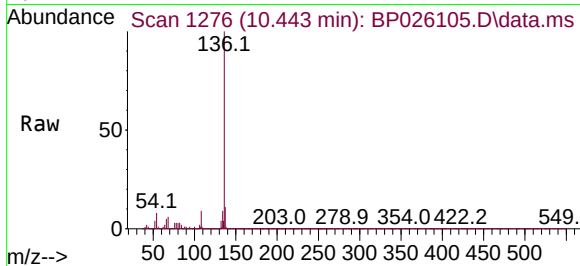


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Instrument :
BNA_P
ClientSampleId :
RBR200059

Tgt Ion:136 Resp: 1185129

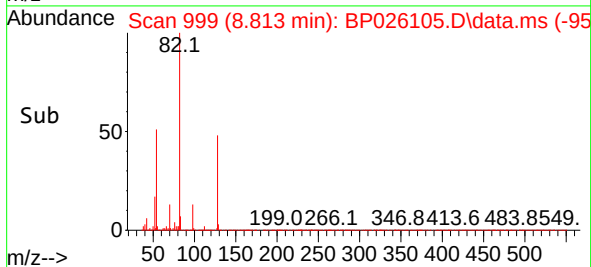
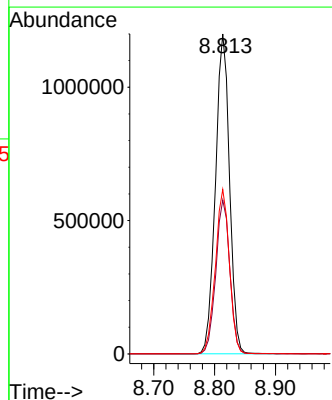
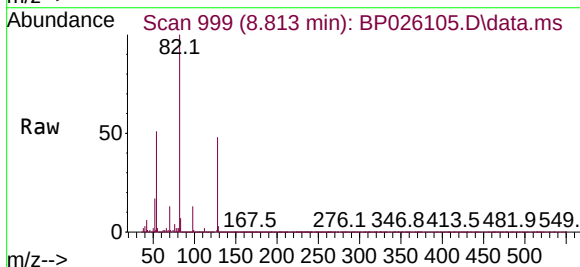
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.6	10.0
68	5.6	4.7	7.1

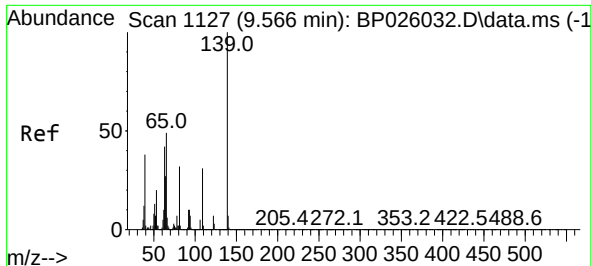


#23
Nitrobenzene-d5
Concen: 101.480 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion: 82 Resp: 1929216

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.0
54	51.4	42.7	64.1

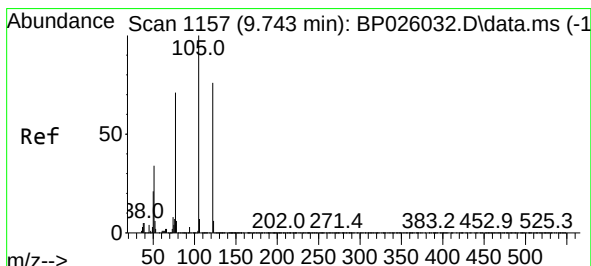
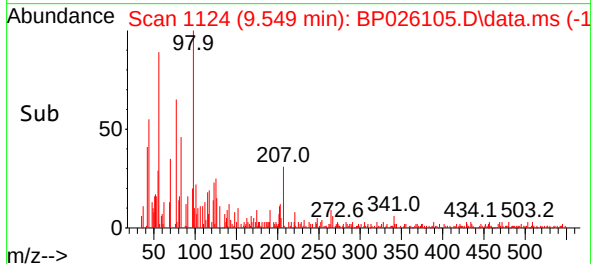
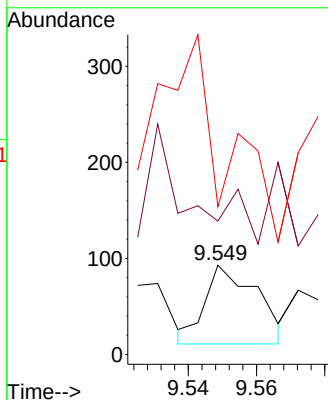
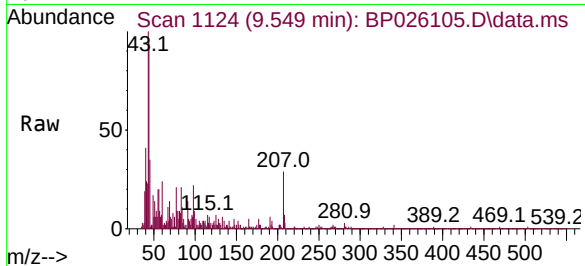




#26
2-Nitrophenol
Concen: 2.688 ng
RT: 9.549 min Scan# 1127
Delta R.T. -0.017 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

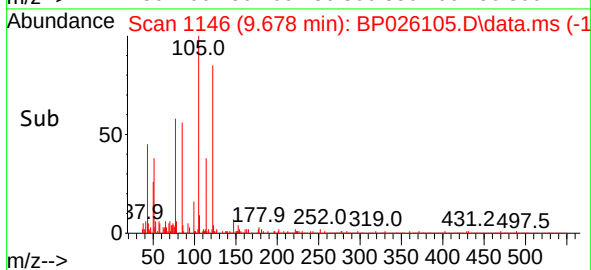
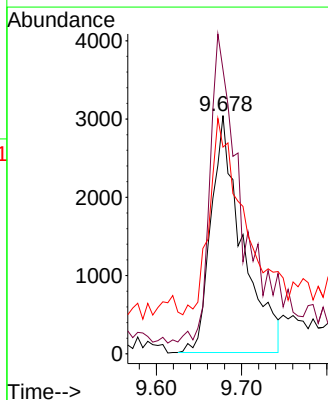
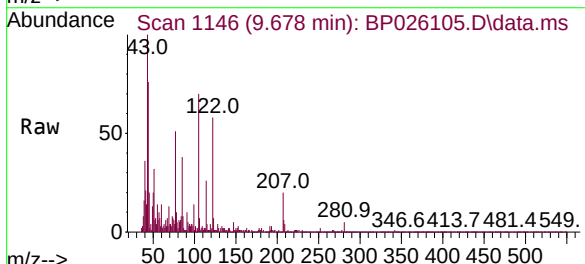
Instrument :
BNA_P
ClientSampleId :
RBR200059

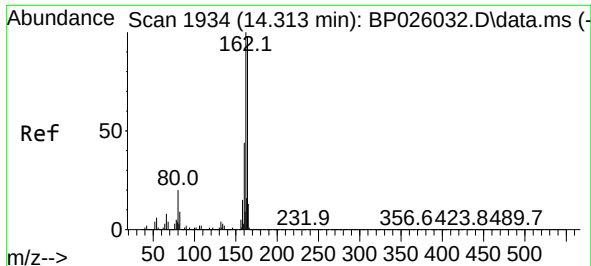
Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 149.5 24.8 37.2#
65 165.6 39.0 58.4#



#32
Benzoic acid
Concen: 4.076 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.100 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion:122 Resp: 7697
Ion Ratio Lower Upper
122 100
105 119.2 104.8 144.8
77 86.7 70.9 110.9

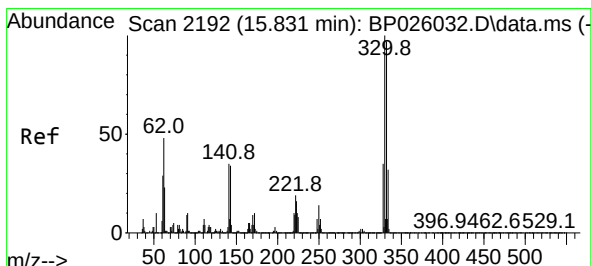
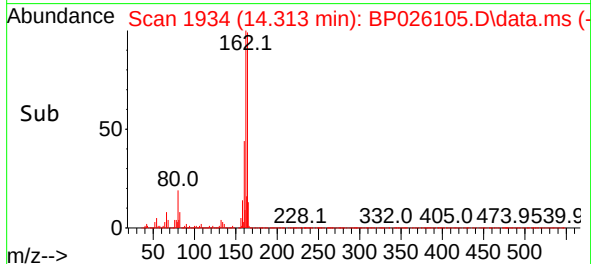
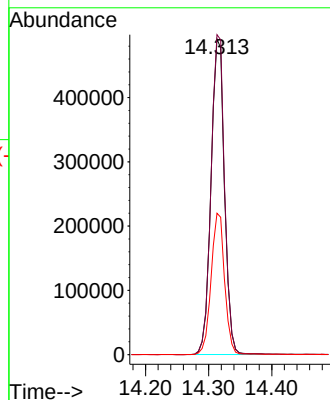
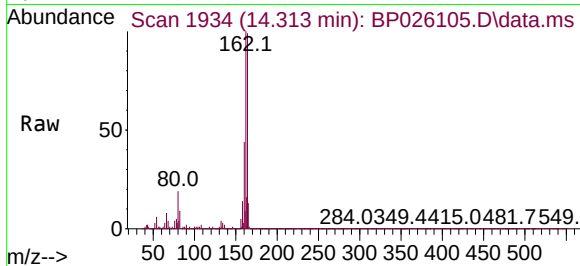




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

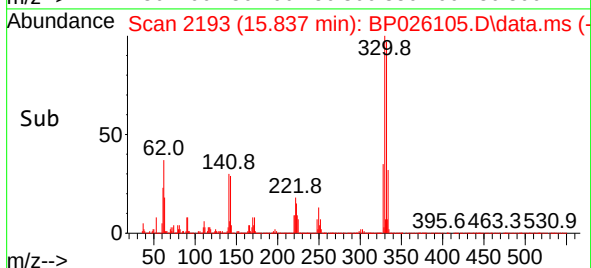
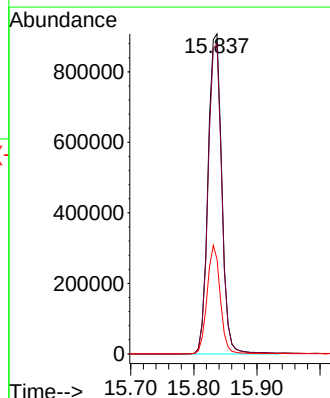
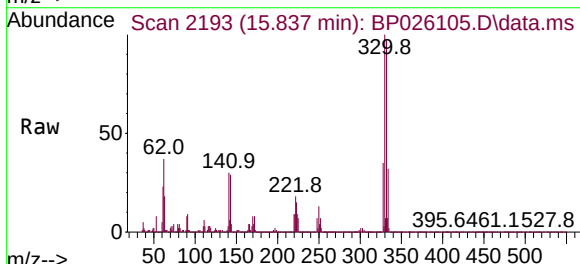
Instrument :
BNA_P
ClientSampleId :
RBR200059

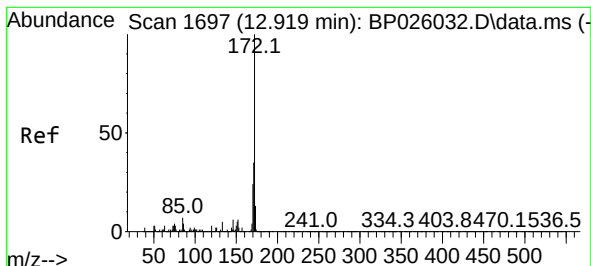
Tgt Ion:164 Resp: 727864
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 173.982 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion:330 Resp: 1369053
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 32.4 28.6 42.8

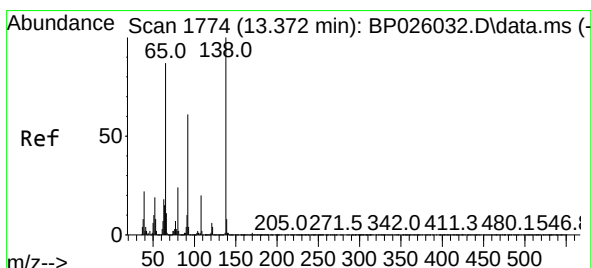
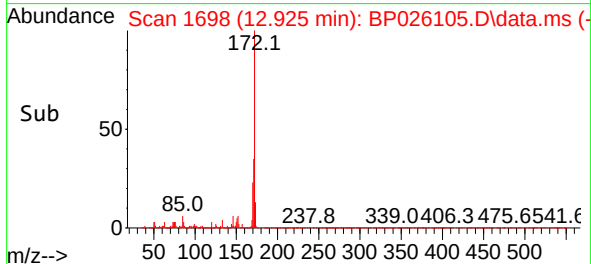
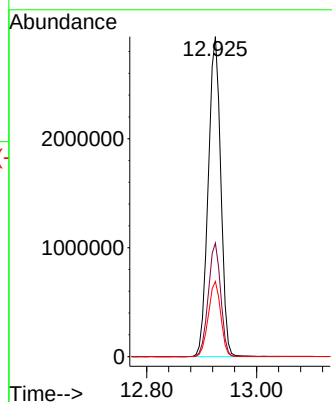
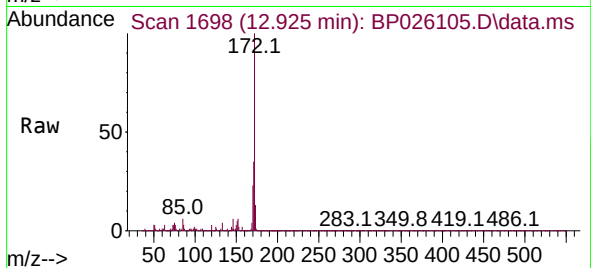




#45
2-Fluorobiphenyl
Concen: 91.544 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

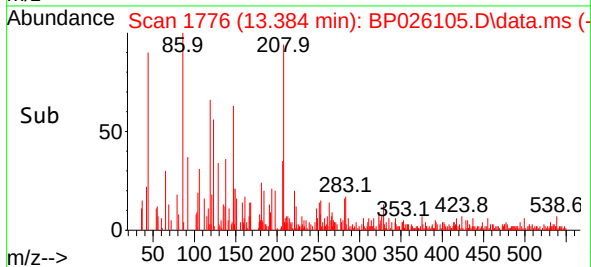
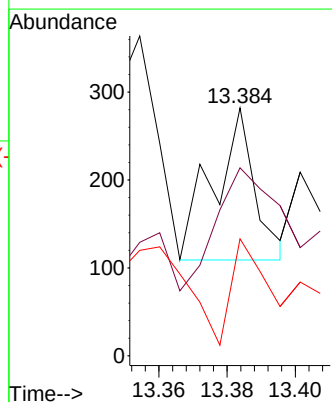
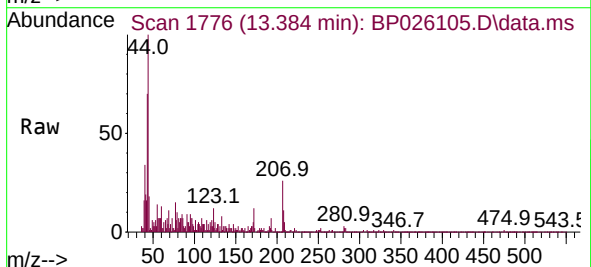
Instrument :
BNA_P
ClientSampleId :
RBR200059

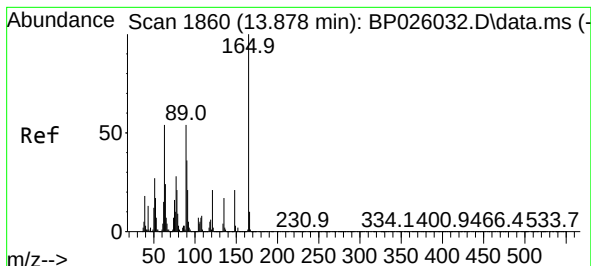
Tgt Ion:172 Resp: 4637080
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 19.0 28.4



#48
2-Nitroaniline
Concen: 2.922 ng
RT: 13.384 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion: 65 Resp: 145
Ion Ratio Lower Upper
65 100
92 75.9 55.5 83.3
138 47.2 91.7 137.5#





#51

2,6-Dinitrotoluene

Concen: 3.001 ng

RT: 13.984 min Scan# 1860

Delta R.T. 0.106 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

Instrument :

BNA_P

ClientSampleId :

RBR200059

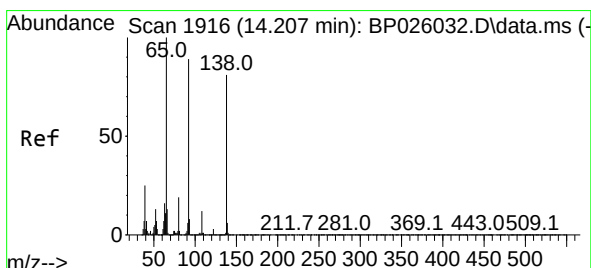
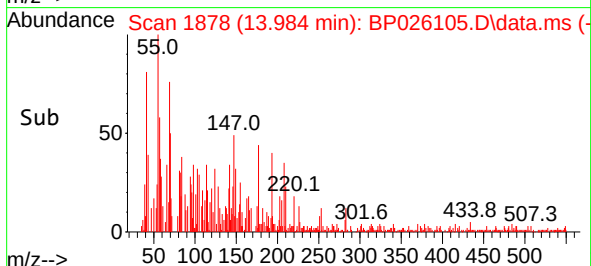
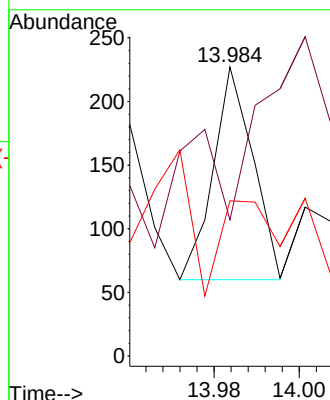
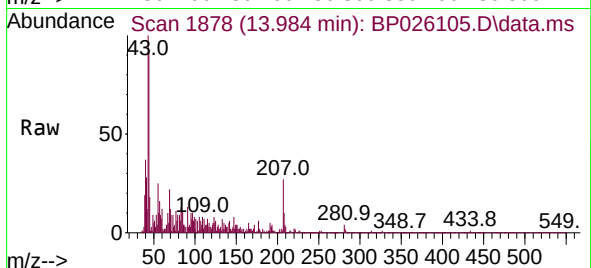
Tgt Ion:165 Resp: 108

Ion Ratio Lower Upper

165 100

63 47.1 43.0 64.4

89 53.7 43.0 64.4



#53

3-Nitroaniline

Concen: 2.654 ng

RT: 14.054 min Scan# 1890

Delta R.T. -0.153 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

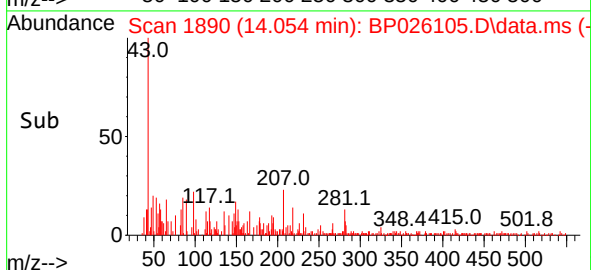
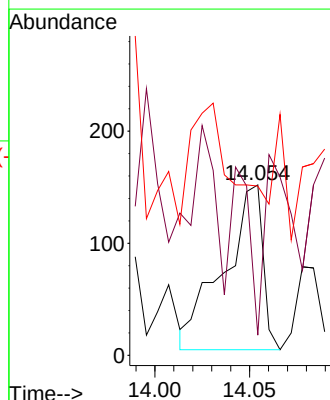
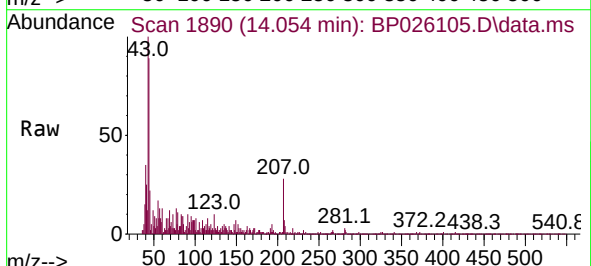
Tgt Ion:138 Resp: 211

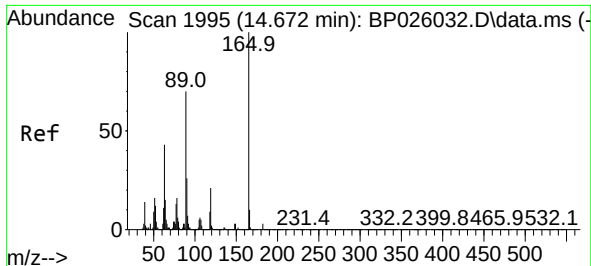
Ion Ratio Lower Upper

138 100

108 11.8 11.4 17.0

92 99.3 87.1 130.7

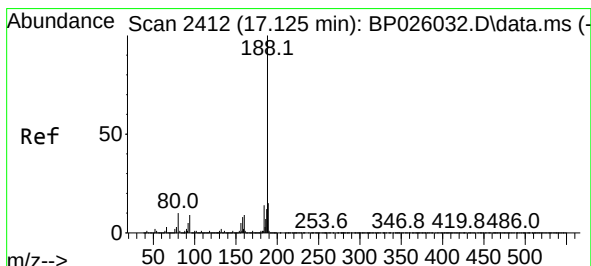
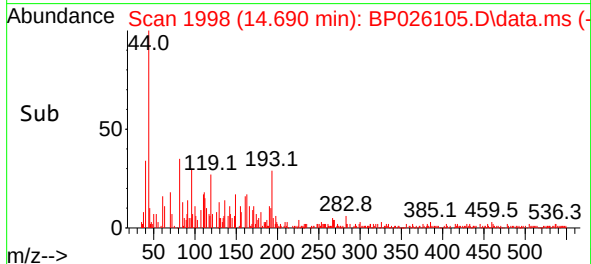
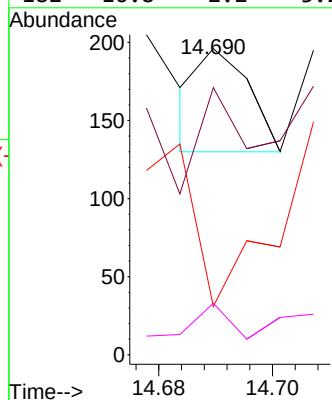
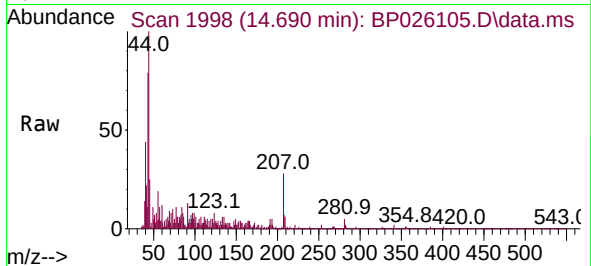




#57
2,4-Dinitrotoluene
Concen: 3.089 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

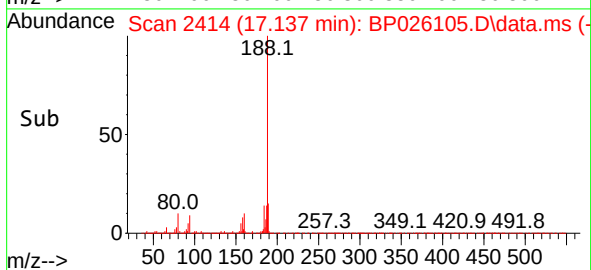
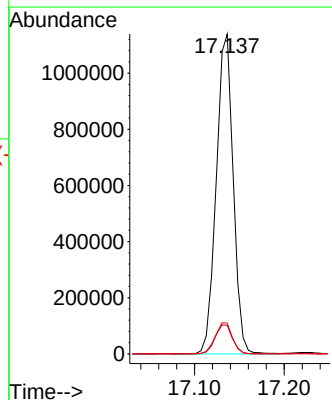
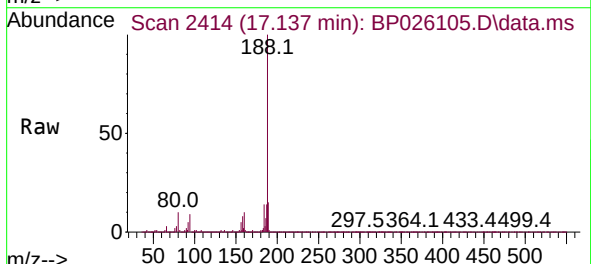
Instrument :
BNA_P
ClientSampleId :
RBR200059

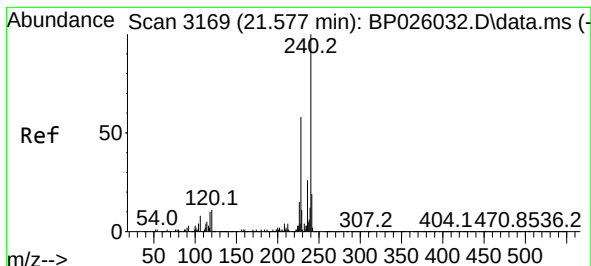
Tgt Ion:165 Resp: 40
Ion Ratio Lower Upper
165 100
63 87.2 34.2 51.2#
89 15.8 56.0 84.0#
182 16.8 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Tgt Ion:188 Resp: 1503498
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

Instrument :

BNA_P

ClientSampleId :

RBR200059

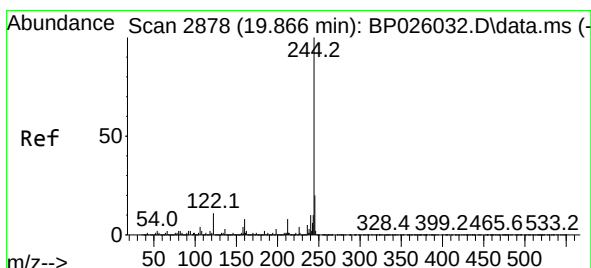
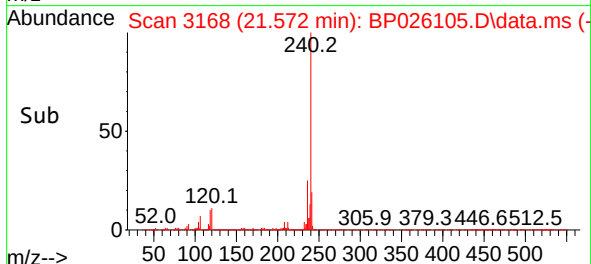
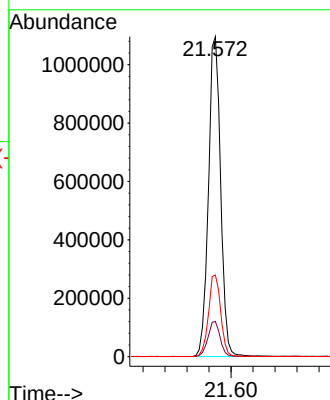
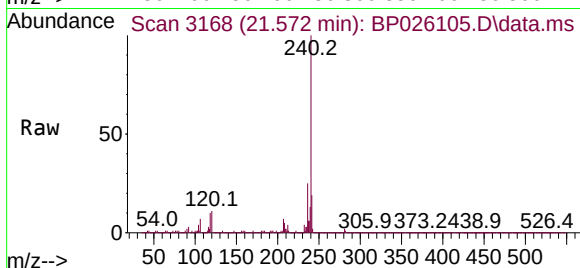
Tgt Ion:240 Resp: 1680743

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 91.129 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

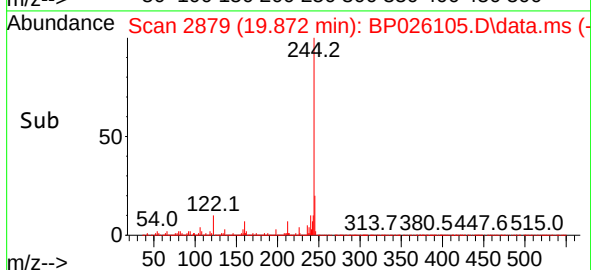
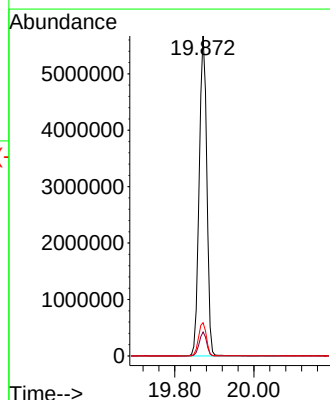
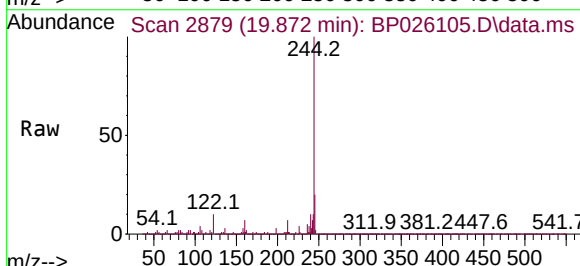
Tgt Ion:244 Resp: 7538816

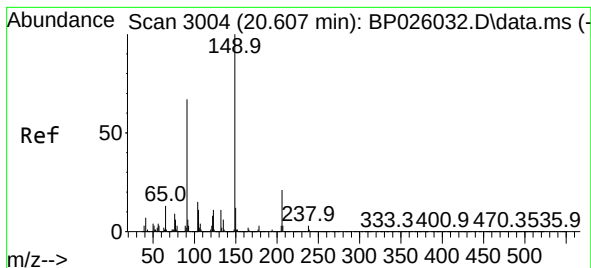
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.412 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

Instrument :

BNA_P

ClientSampleId :

RBR200059

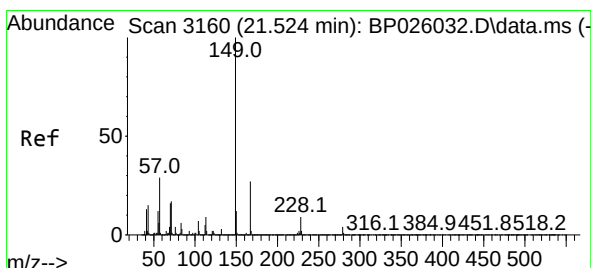
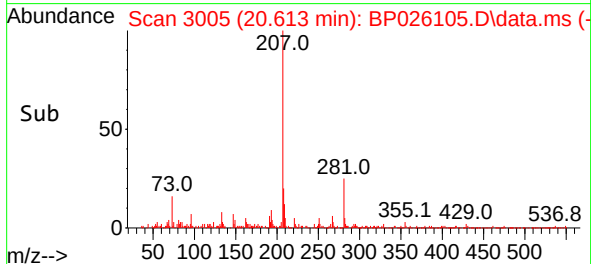
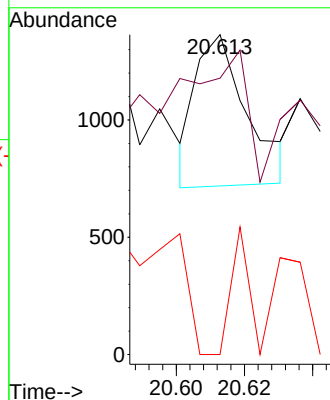
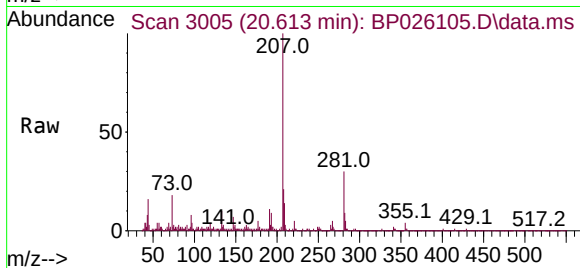
Tgt Ion:149 Resp: 678

Ion Ratio Lower Upper

149 100

91 86.4 53.5 80.3#

206 0.0 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.731 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.001 min

Lab File: BP026105.D

Acq: 12 Nov 2025 01:06

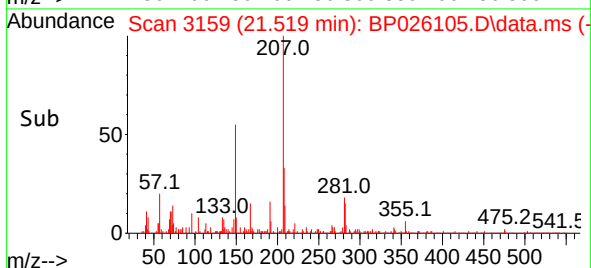
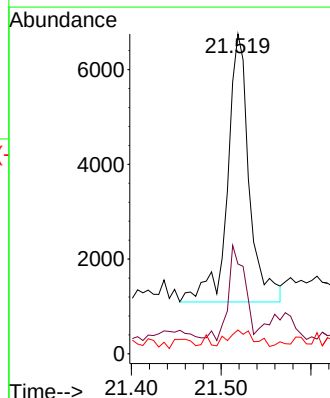
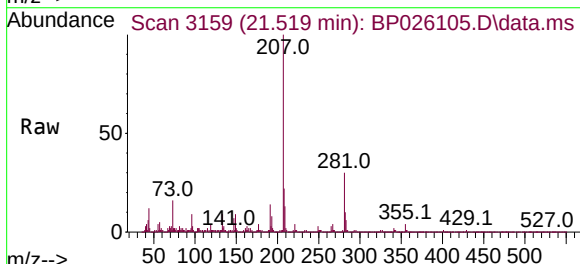
Tgt Ion:149 Resp: 9570

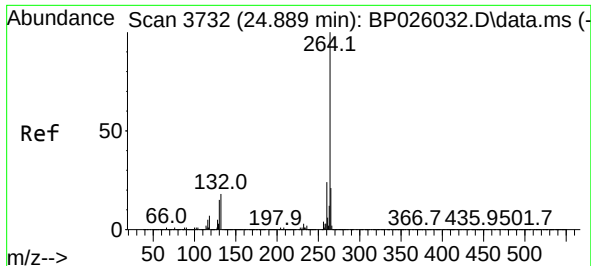
Ion Ratio Lower Upper

149 100

167 28.1 21.5 32.3

279 7.5 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026105.D
Acq: 12 Nov 2025 01:06

Instrument :
BNA_P
ClientSampleId :
RBR200059

Tgt Ion:264 Resp: 1831494

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.5	17.2	25.8

