

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026048.D
 Acq On : 30 Oct 2025 19:08
 Operator : RC/JU
 Sample : Q3469-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13

Quant Time: Oct 31 02:15:44 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)

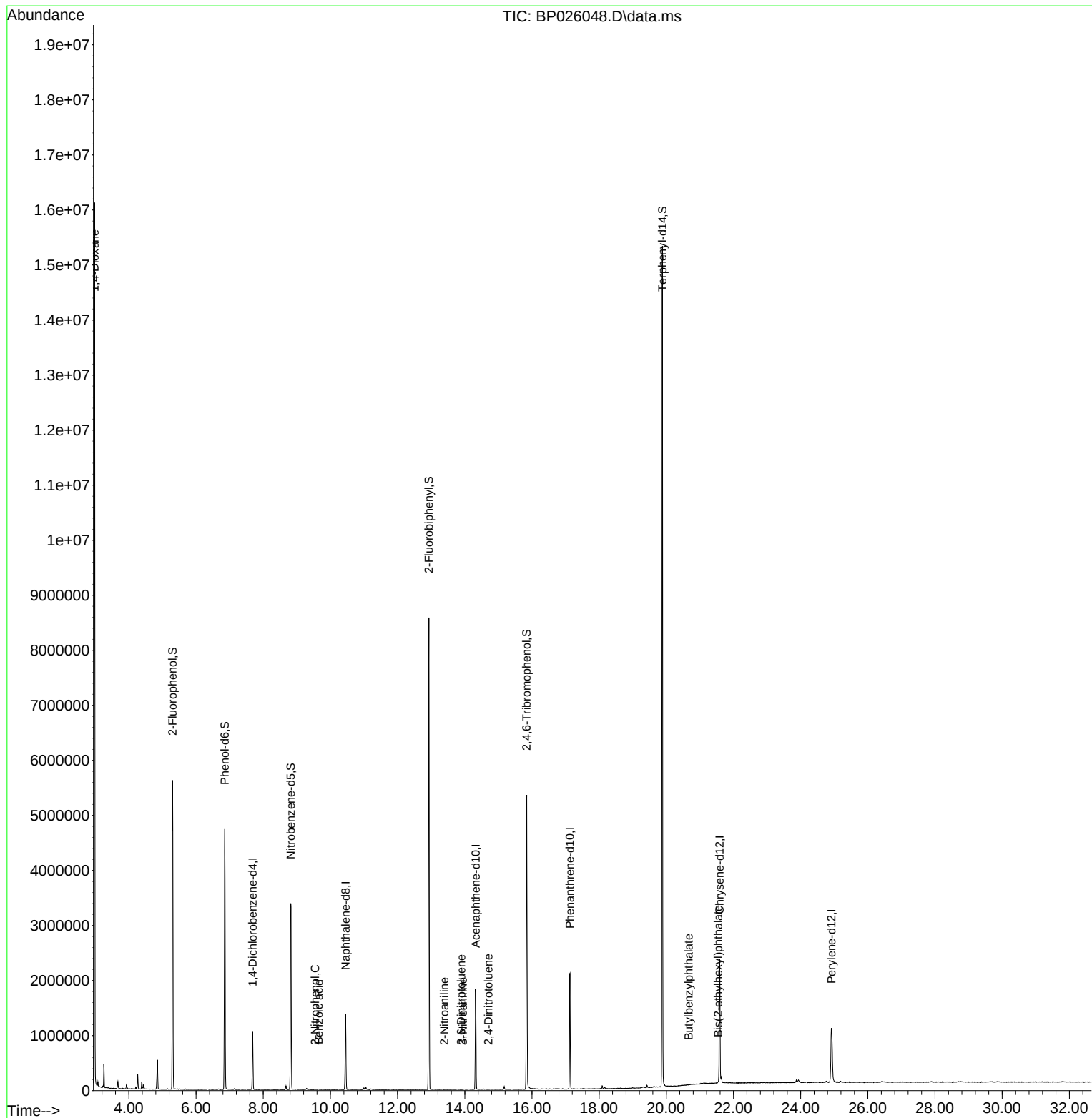
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	289631	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1126042	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	652258	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1303320	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1429628	20.000	ng	0.02
86) Perylene-d12	24.913	264	849049	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2398894	136.671	ng	0.00
7) Phenol-d6	6.855	99	2707423	121.188	ng	0.00
23) Nitrobenzene-d5	8.819	82	1881754	104.178	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1117309	158.449	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4566950	100.610	ng	0.00
79) Terphenyl-d14	19.883	244	7628227	108.407	ng	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.978	88	131578	17.782	ng	# 1
26) 2-Nitrophenol	9.549	139	21	2.680	ng	# 1
32) Benzoic acid	9.649	122	3497	3.577	ng	96
48) 2-Nitroaniline	13.390	65	214	2.930	ng	# 43
51) 2,6-Dinitrotoluene	13.895	165	31	2.994	ng	# 71
53) 3-Nitroaniline	13.943	138	6	2.638	ng	90
57) 2,4-Dinitrotoluene	14.701	165	139	3.097	ng	# 53
80) Butylbenzylphthalate	20.666	149	227	3.403	ng	91
84) Bis(2-ethylhexyl)phtha...	21.542	149	9361	2.751	ng	99

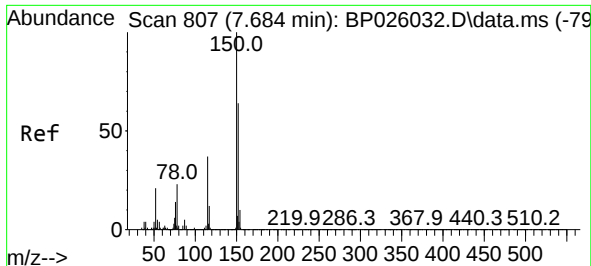
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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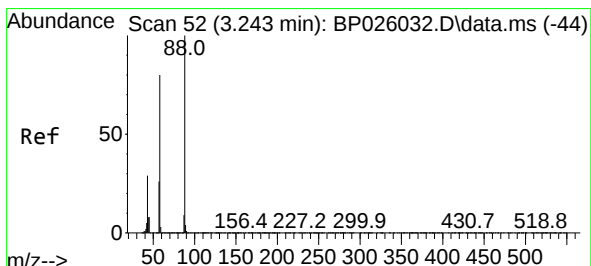
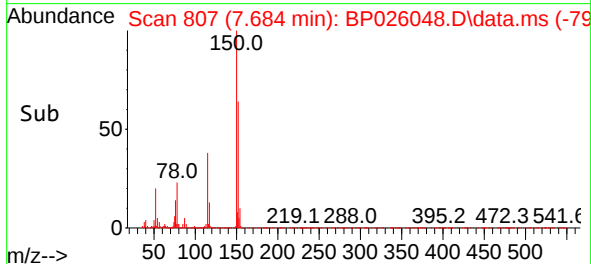
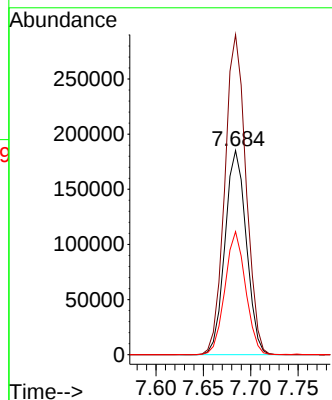
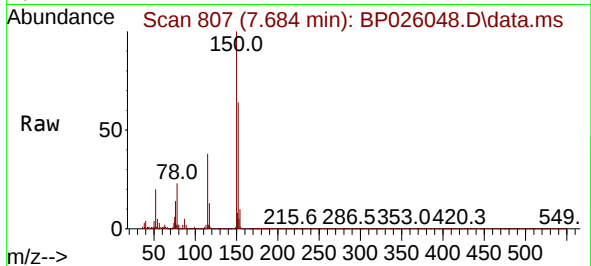




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.684 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026048.D
 Acq: 30 Oct 2025 19:08

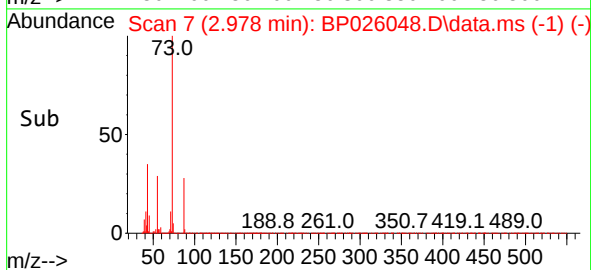
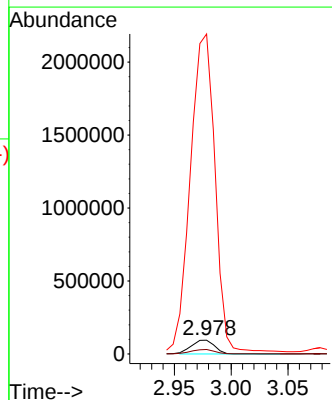
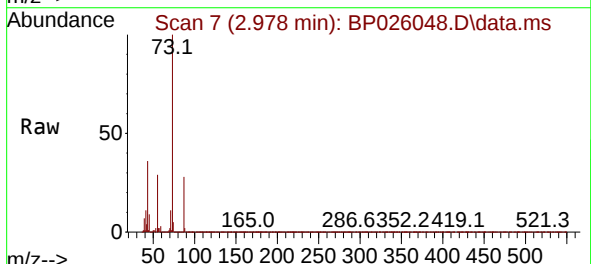
Instrument :
 BNA_P
 ClientSampleId :
 TP-13

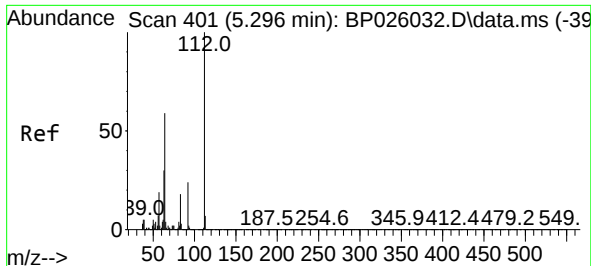
Tgt Ion:152 Resp: 289631
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.7 188.5
 115 60.3 46.4 69.6



#2
 1,4-Dioxane
 Concen: 17.782 ng
 RT: 2.978 min Scan# 7
 Delta R.T. -0.259 min
 Lab File: BP026048.D
 Acq: 30 Oct 2025 19:08

Tgt Ion: 88 Resp: 131578
 Ion Ratio Lower Upper
 88 100
 58 31.0 65.4 98.0#
 43 2390.0 23.1 34.7#

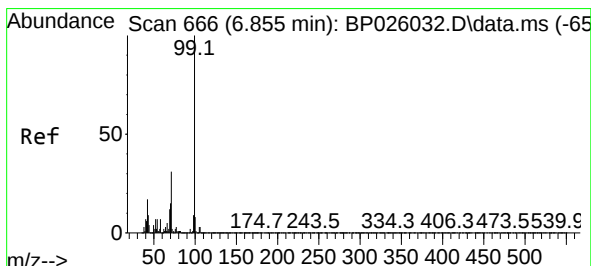
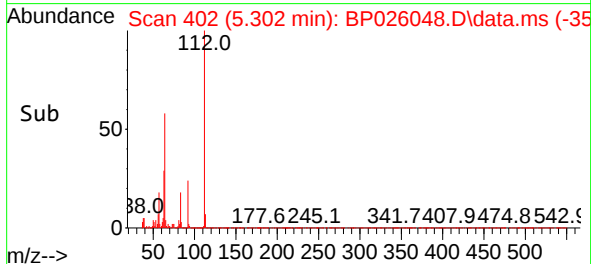
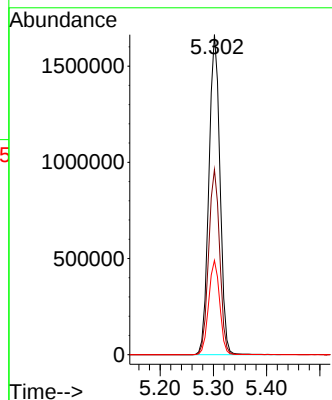
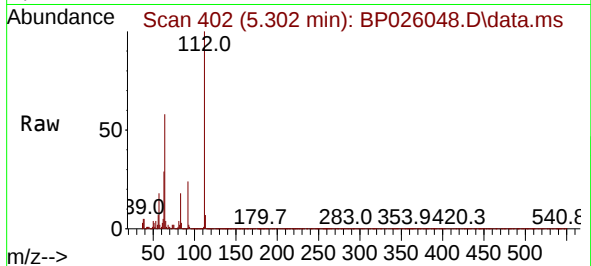




#5
2-Fluorophenol
Concen: 136.671 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

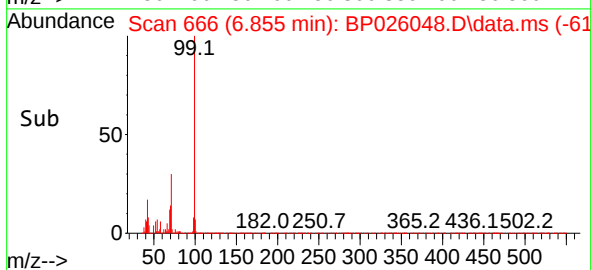
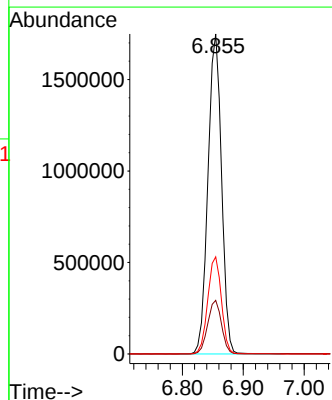
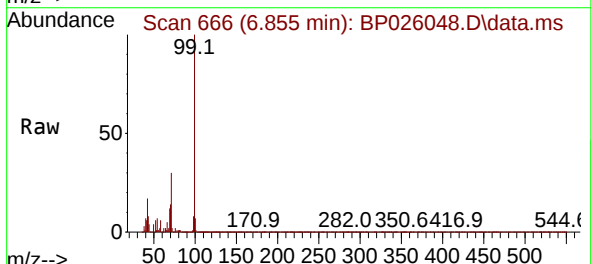
Instrument :
BNA_P
ClientSampleId :
TP-13

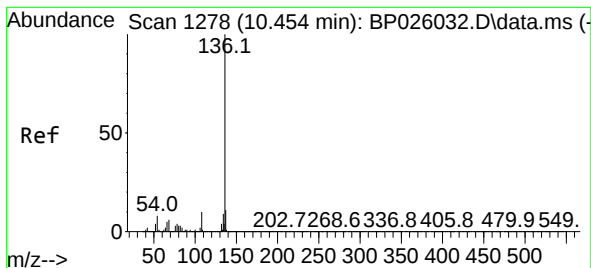
Tgt Ion:112 Resp: 2398894
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.2
63 29.4 24.2 36.4



#7
Phenol-d6
Concen: 121.188 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

Tgt Ion: 99 Resp: 2707423
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 30.3 24.4 36.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.005 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-13

Tgt Ion:136 Resp: 1126042

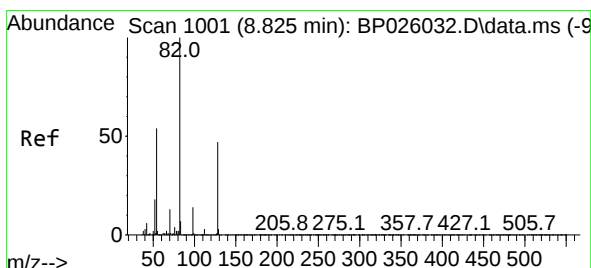
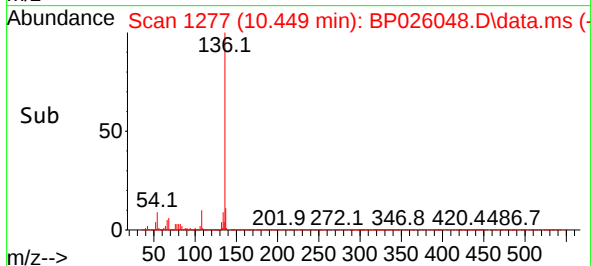
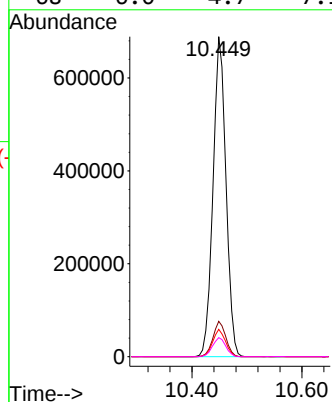
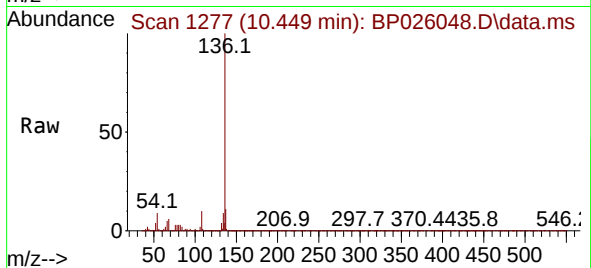
Ion Ratio Lower Upper

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: 104.178 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

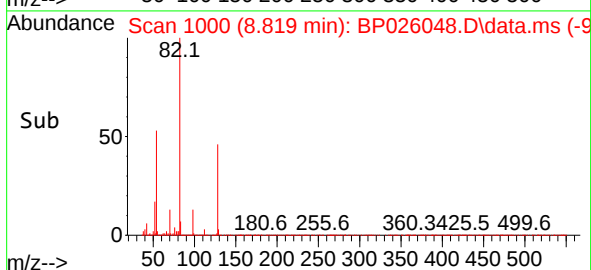
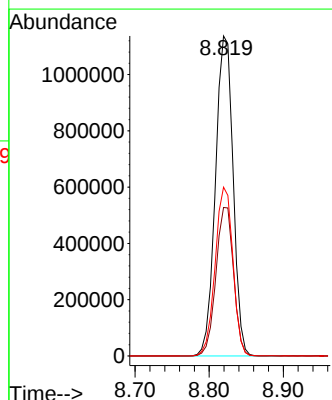
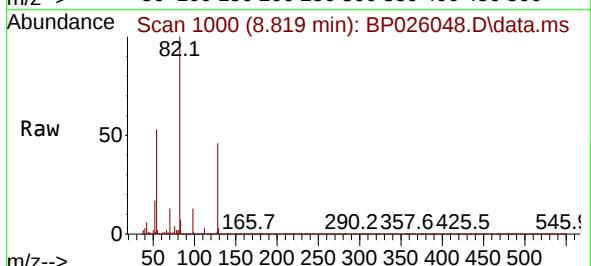
Tgt Ion: 82 Resp: 1881754

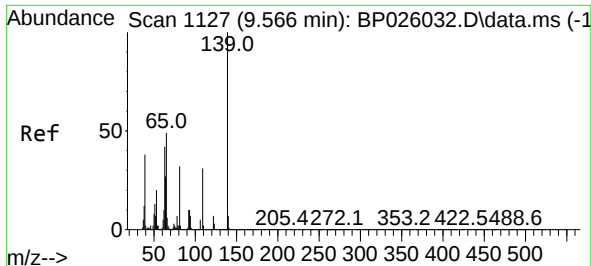
Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.0

54 52.8 42.7 64.1

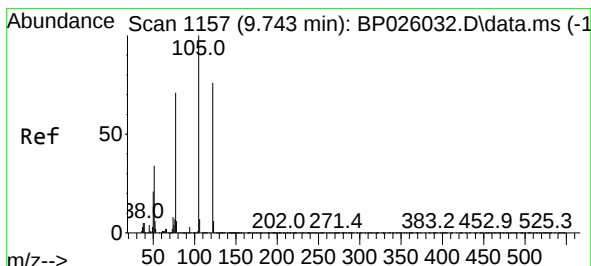
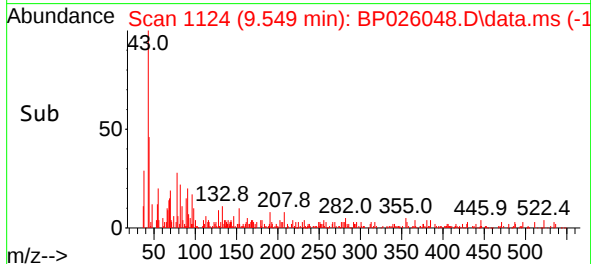
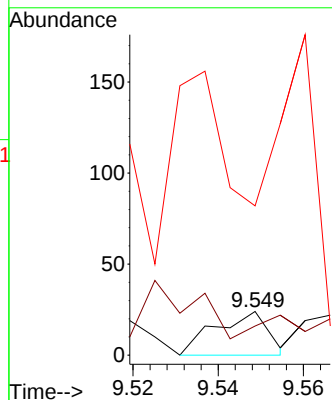
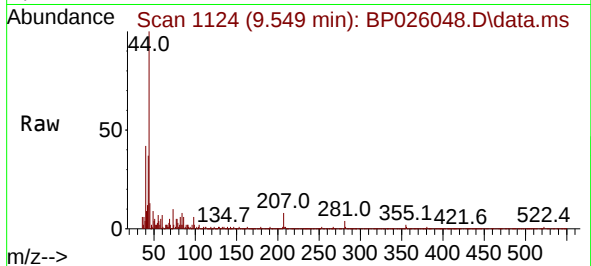




#26
2-Nitrophenol
Concen: 2.680 ng
RT: 9.549 min Scan# 1127
Delta R.T. -0.017 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

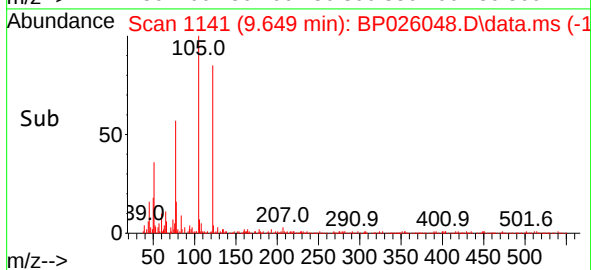
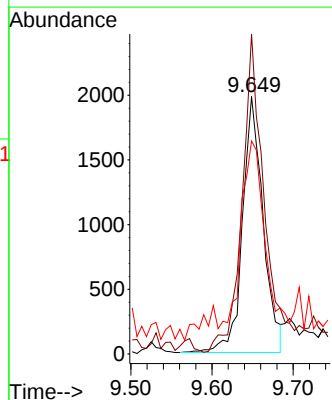
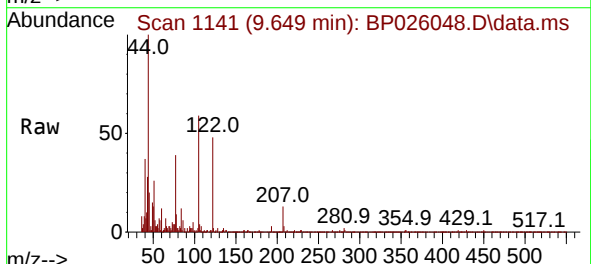
Instrument :
BNA_P
ClientSampleId :
TP-13

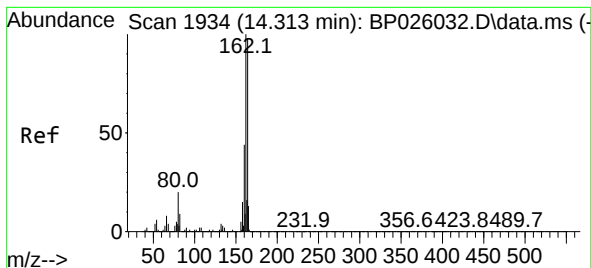
Tgt Ion:	139	Resp:	21
Ion	Ratio	Lower	Upper
139	100		
109	36.4	24.8	37.2
65	186.4	39.0	58.4#



#32
Benzoic acid
Concen: 3.577 ng
RT: 9.649 min Scan# 1141
Delta R.T. -0.129 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

Tgt Ion:	122	Resp:	3497
Ion	Ratio	Lower	Upper
122	100		
105	124.3	104.8	144.8
77	82.7	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: BP026048.D

Acq: 30 Oct 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-13

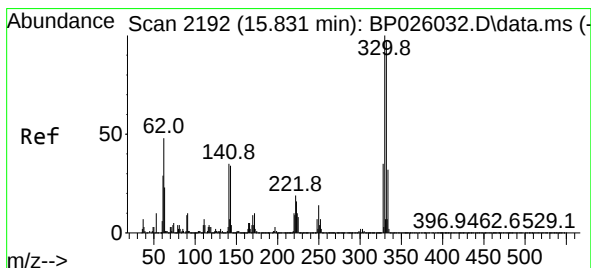
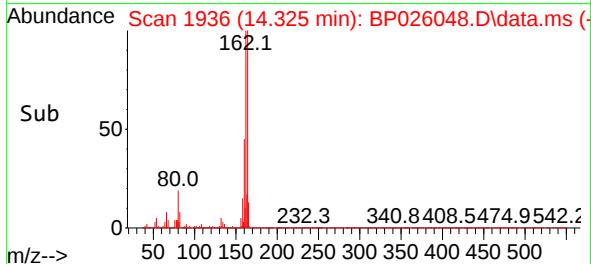
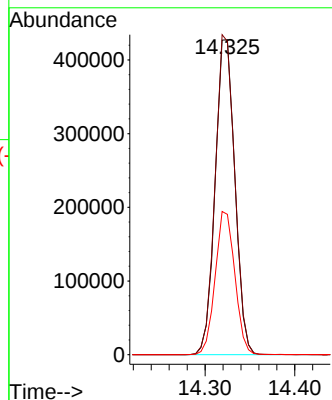
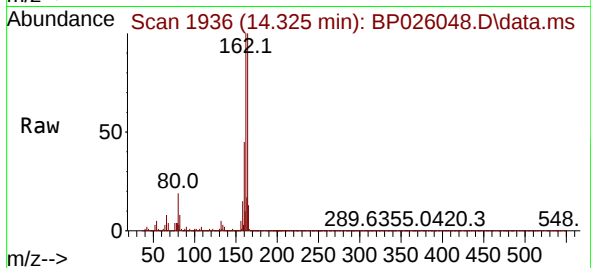
Tgt Ion:164 Resp: 652258

Ion Ratio Lower Upper

164 100

162 99.5 81.5 122.3

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 158.449 ng

RT: 15.842 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

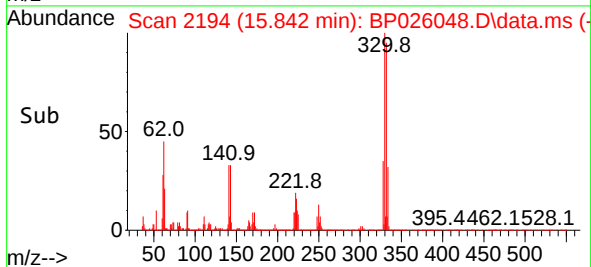
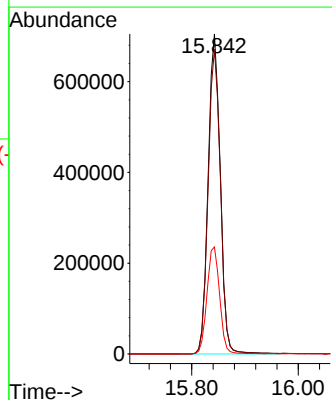
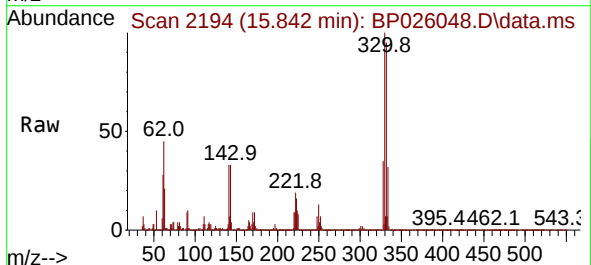
Tgt Ion:330 Resp: 1117309

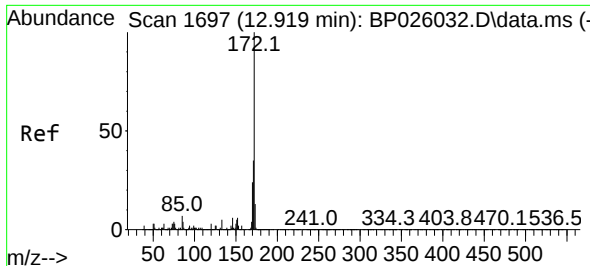
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 34.8 28.6 42.8

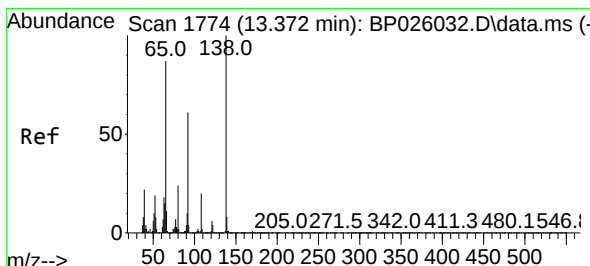
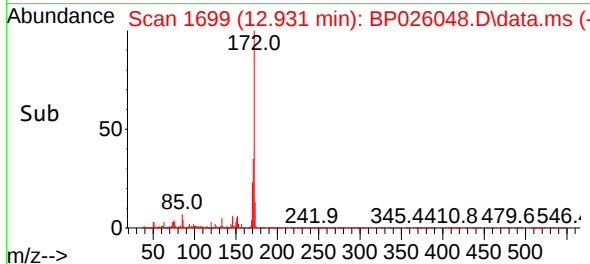
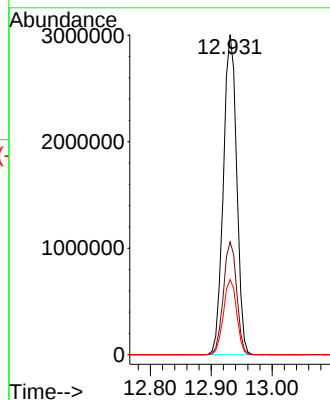
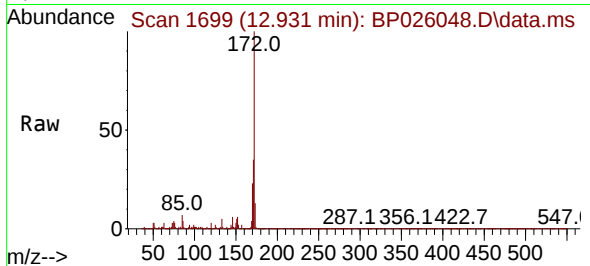




#45
2-Fluorobiphenyl
Concen: 100.610 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

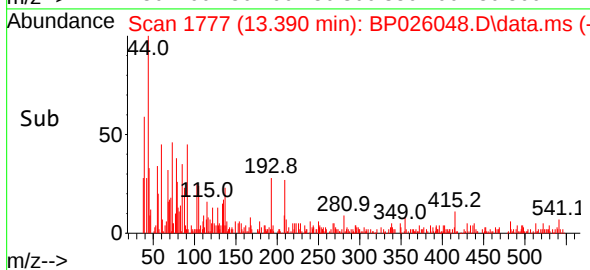
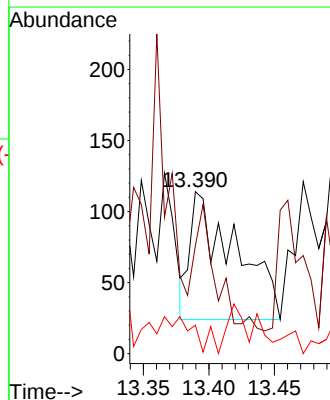
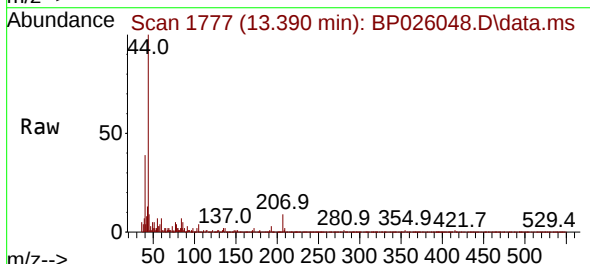
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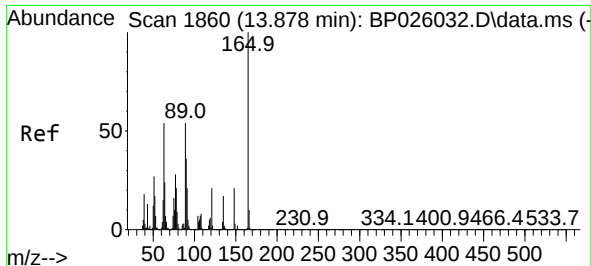
Tgt Ion:172 Resp: 4566950
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.4 19.0 28.4



#48
2-Nitroaniline
Concen: 2.930 ng
RT: 13.390 min Scan# 1777
Delta R.T. 0.012 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

Tgt Ion: 65 Resp: 214
Ion Ratio Lower Upper
65 100
92 66.7 55.5 83.3
138 17.5 91.7 137.5#

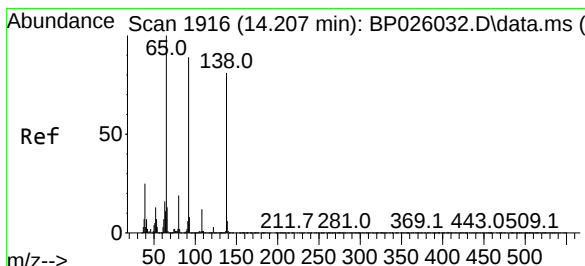
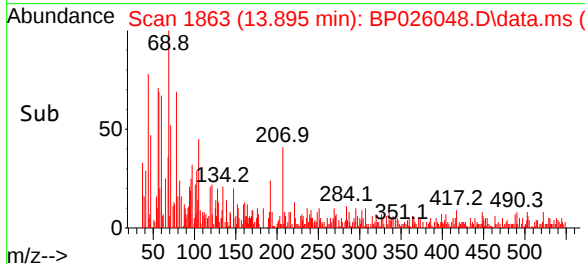
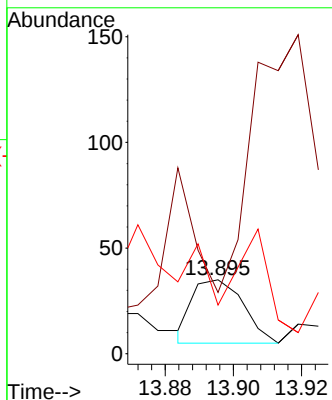
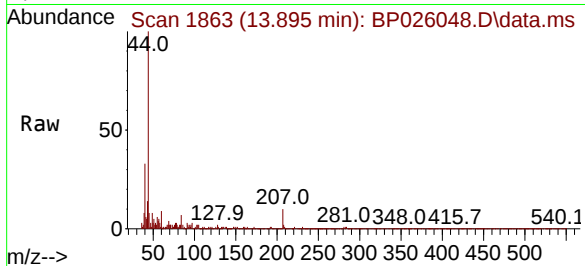




#51
2,6-Dinitrotoluene
Concen: 2.994 ng
RT: 13.895 min Scan# 1863
Delta R.T. 0.017 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

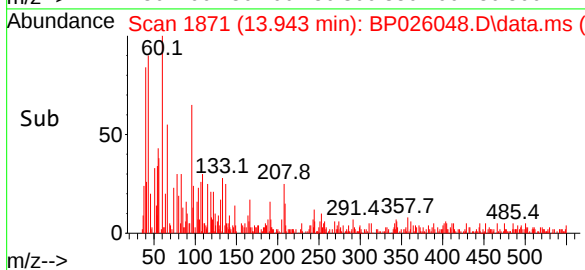
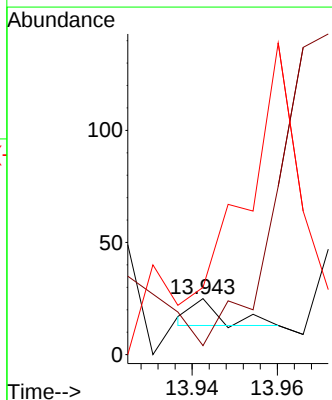
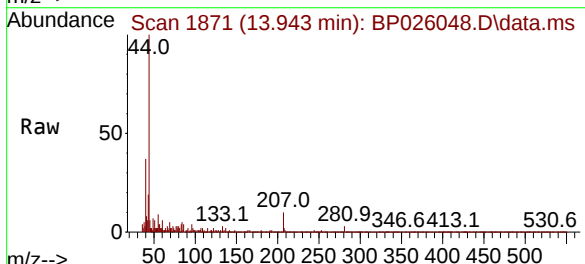
Instrument :
BNA_P
ClientSampleId :
TP-13

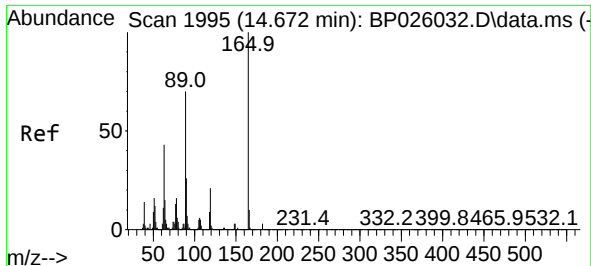
Tgt Ion:165 Resp: 31
Ion Ratio Lower Upper
165 100
63 82.9 43.0 64.4#
89 65.7 43.0 64.4#



#53
3-Nitroaniline
Concen: 2.638 ng
RT: 13.943 min Scan# 1871
Delta R.T. -0.264 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
108 16.0 11.4 17.0
92 120.0 87.1 130.7

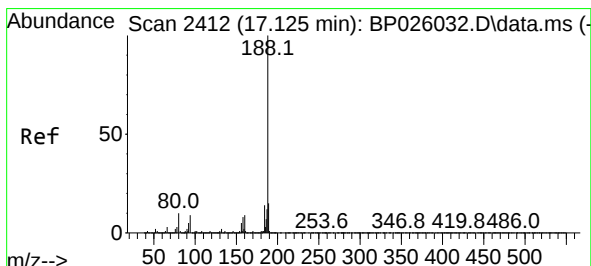
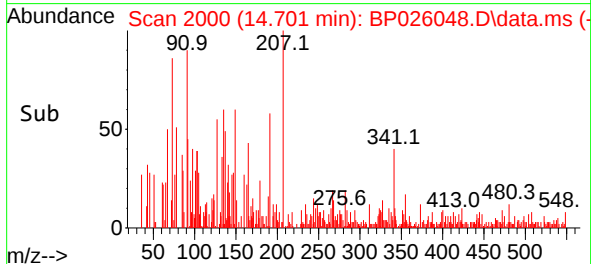
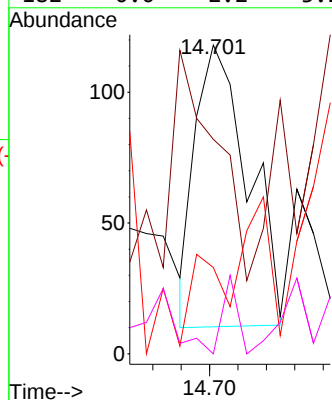
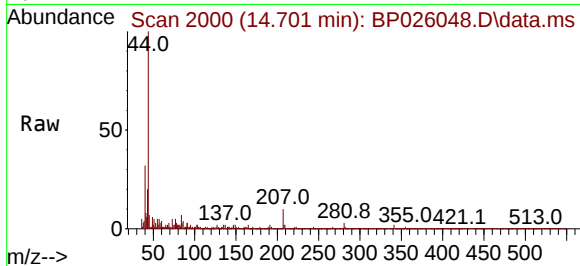




#57
2,4-Dinitrotoluene
Concen: 3.097 ng
RT: 14.701 min Scan# 20
Delta R.T. 0.023 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

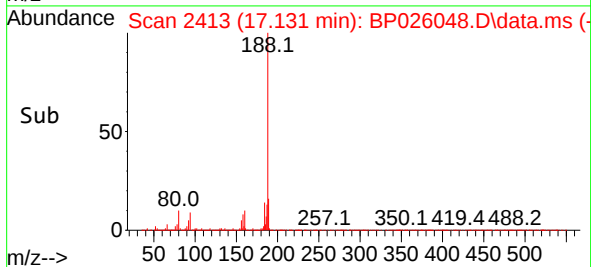
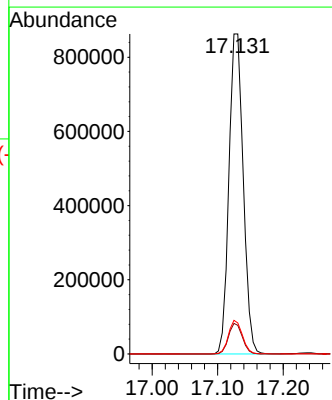
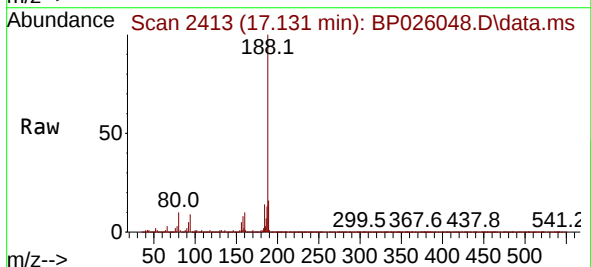
Instrument :
BNA_P
ClientSampleId :
TP-13

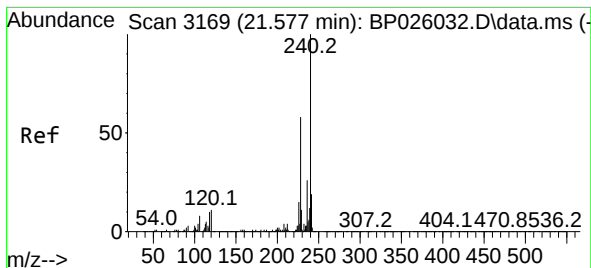
Tgt Ion:165 Resp: 139
Ion Ratio Lower Upper
165 100
63 69.5 34.2 51.2#
89 28.0 56.0 84.0#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026048.D
Acq: 30 Oct 2025 19:08

Tgt Ion:188 Resp: 1303320
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.7 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3169

Delta R.T. 0.024 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-13

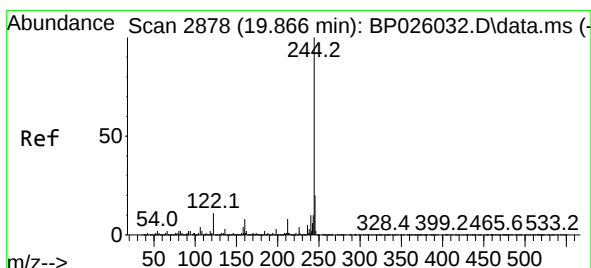
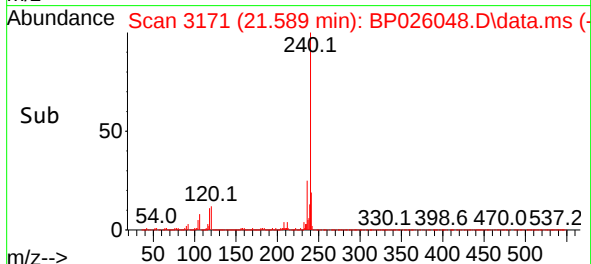
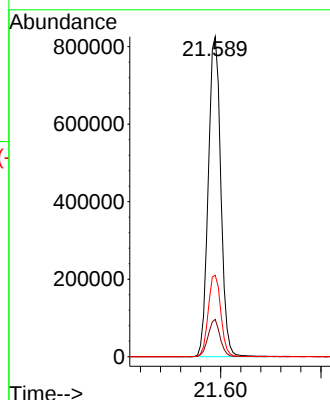
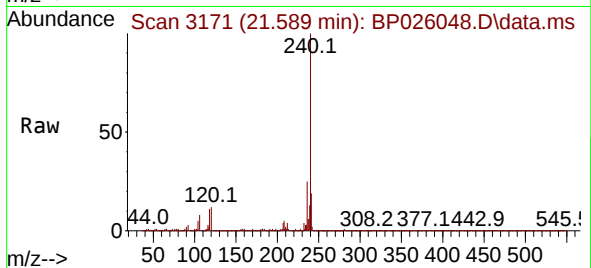
Tgt Ion:240 Resp: 1429628

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 108.407 ng

RT: 19.883 min Scan# 2881

Delta R.T. 0.018 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

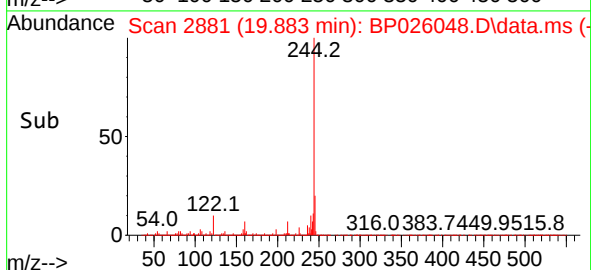
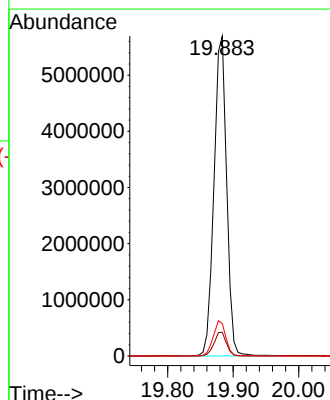
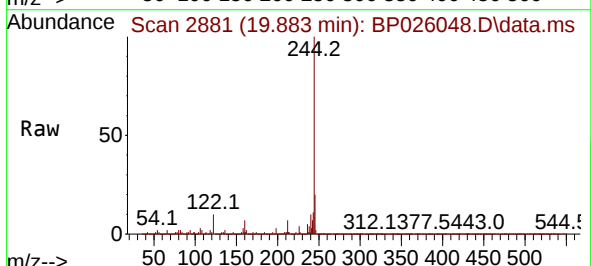
Tgt Ion:244 Resp: 7628227

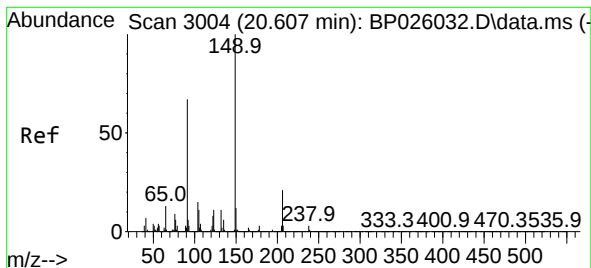
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.1 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.403 ng

RT: 20.666 min Scan# 3004

Delta R.T. 0.059 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-13

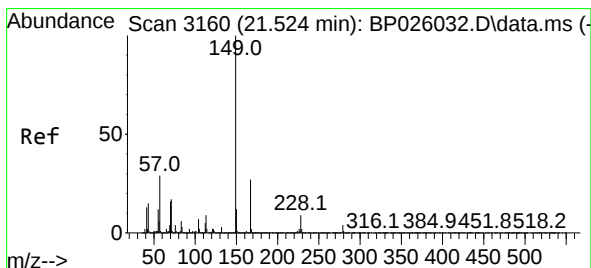
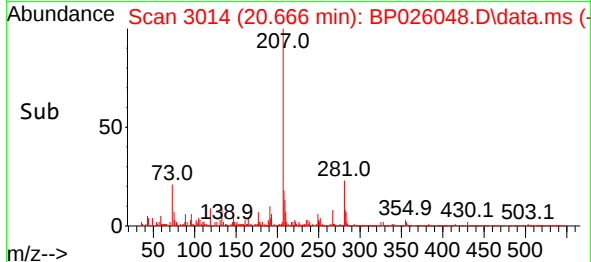
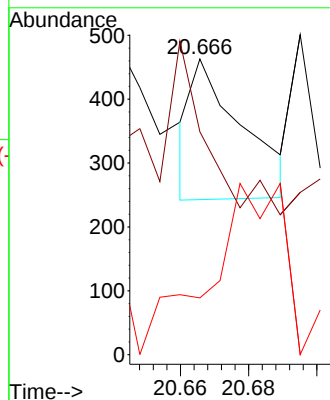
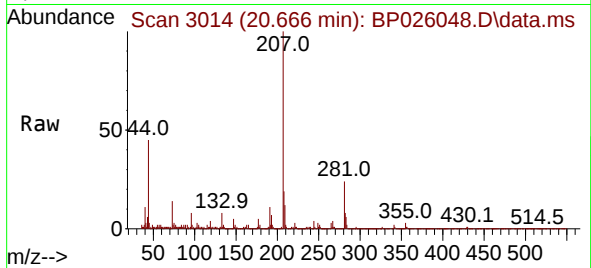
Tgt Ion:149 Resp: 227

Ion Ratio Lower Upper

149 100

91 75.4 53.5 80.3

206 19.2 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.751 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.024 min

Lab File: BP026048.D

Acq: 30 Oct 2025 19:08

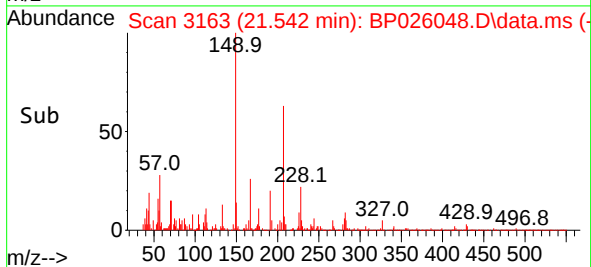
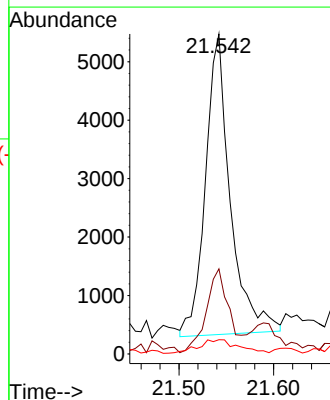
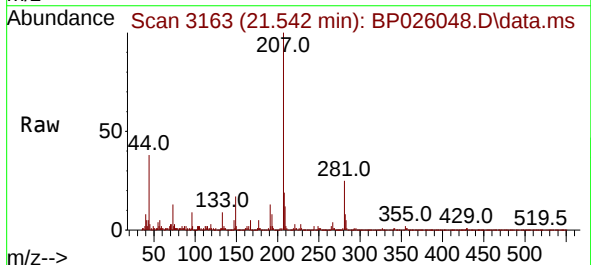
Tgt Ion:149 Resp: 9361

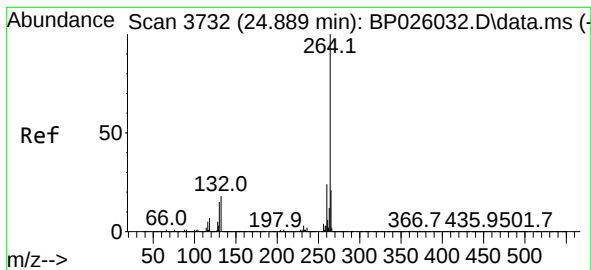
Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

279 4.5 3.0 4.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.913 min Scan# 31

Delta R.T. 0.030 min

Lab File: BP026048.D

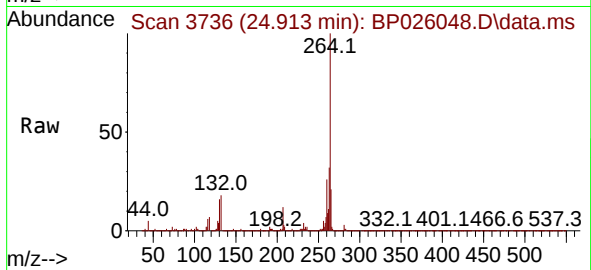
Acq: 30 Oct 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-13



Tgt Ion:264 Resp: 849049

Ion Ratio Lower Upper

264 100

260 26.3 19.1 28.7

265 21.2 17.2 25.8

