

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026122.D
 Acq On : 12 Nov 2025 21:24
 Operator : RC/JU
 Sample : Q3597-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Nov 13 01:14:53 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)

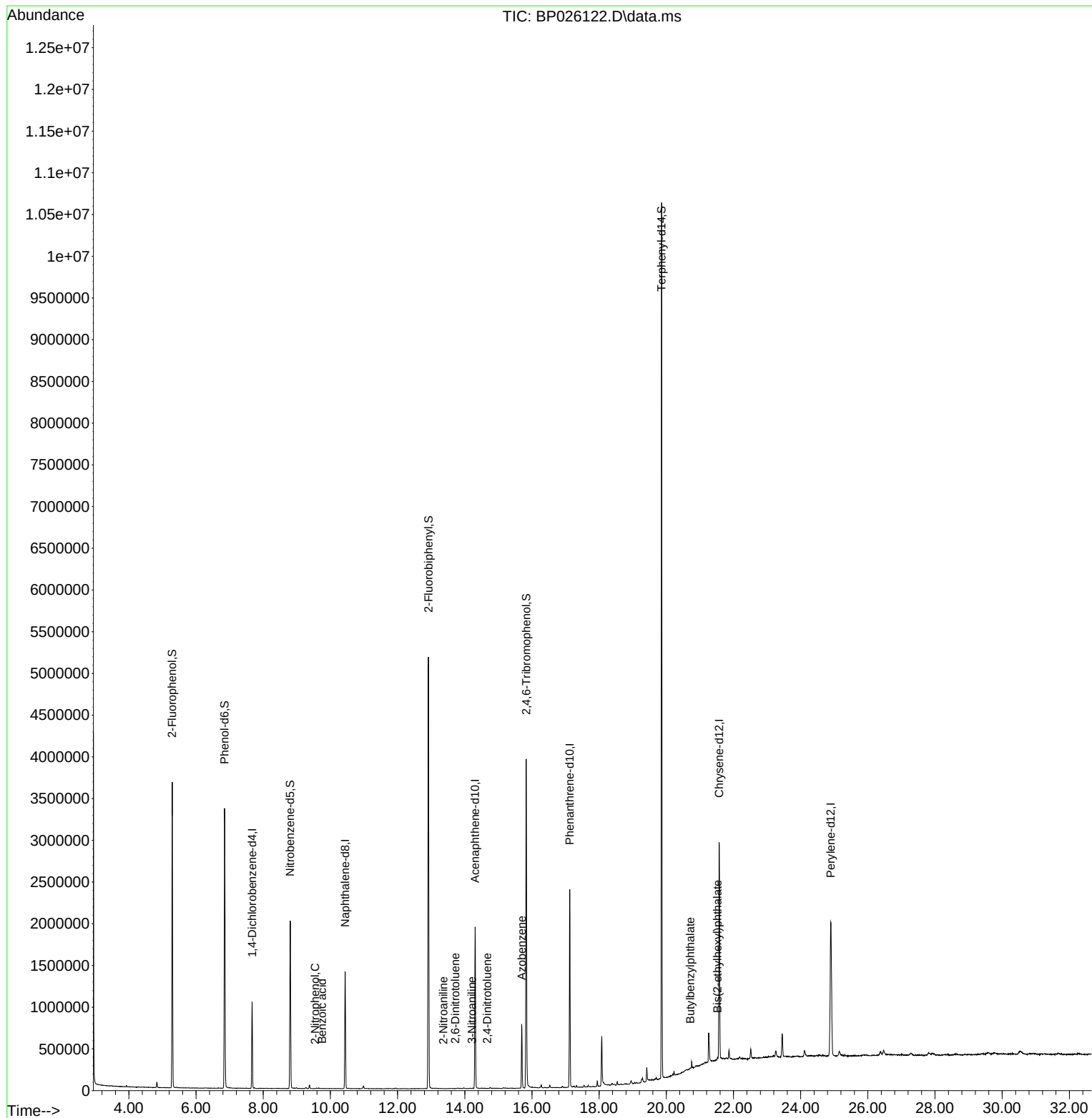
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	282198	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1131444	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	716016	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1486816	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1624103	20.000	ng	0.00
86) Perylene-d12	24.895	264	1767033	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1591924	93.085	ng	0.00
7) Phenol-d6	6.849	99	1994991	91.651	ng	0.00
23) Nitrobenzene-d5	8.802	82	1151514	63.446	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	837567	108.201	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2917506	58.549	ng	-0.01
79) Terphenyl-d14	19.860	244	4859830	60.794	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.543	139	78	2.688	ng	# 1
32) Benzoic acid	9.749	122	65	3.124	ng	# 1
48) 2-Nitroaniline	13.360	65	105	2.919	ng	# 42
51) 2,6-Dinitrotoluene	13.713	165	380	3.027	ng	93
53) 3-Nitroaniline	14.213	138	41	2.641	ng	# 40
57) 2,4-Dinitrotoluene	14.672	165	226	3.102	ng	# 79
63) Azobenzene	15.695	77	230577	4.859	ng	# 1
80) Butylbenzylphthalate	20.719	149	524	3.409	ng	95
84) Bis(2-ethylhexyl)phtha...	21.525	149	15217	2.817	ng	# 99

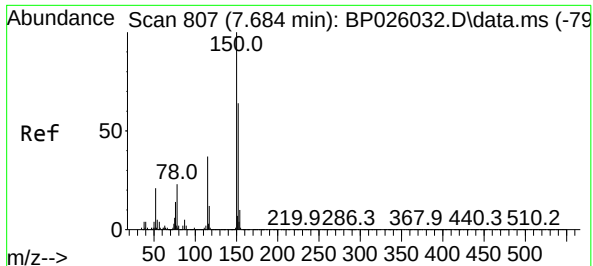
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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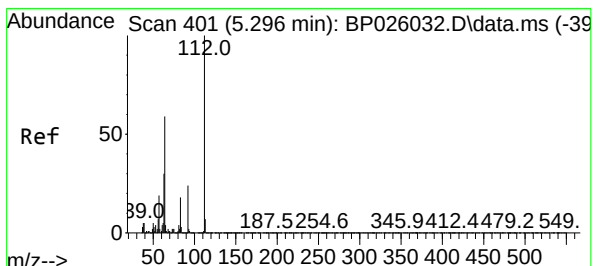
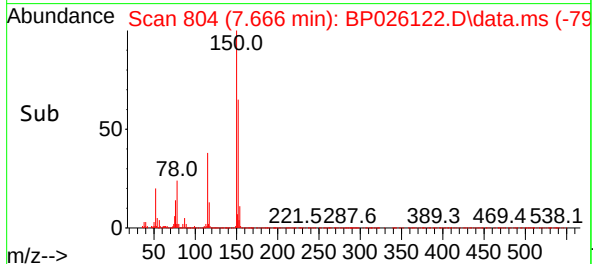
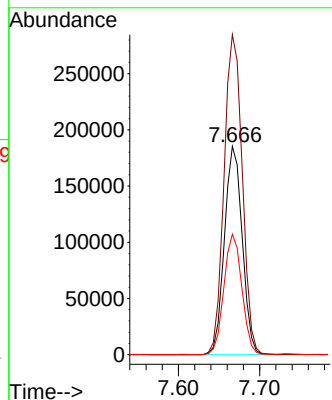
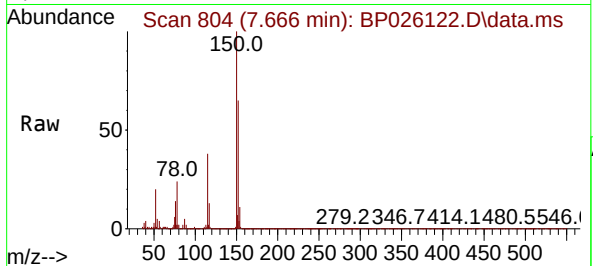




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.024 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

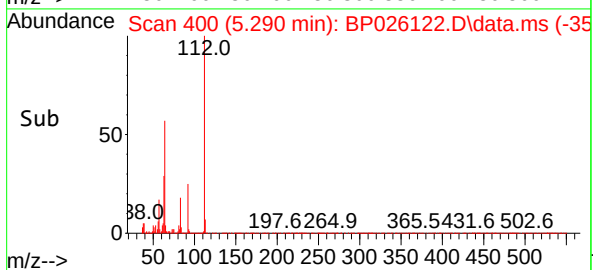
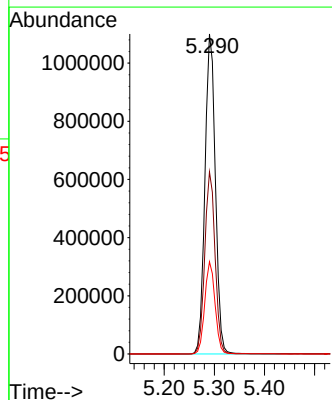
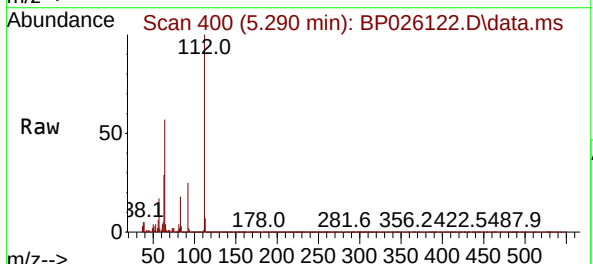
Instrument :
BNA_P
ClientSampleId :
TP-4

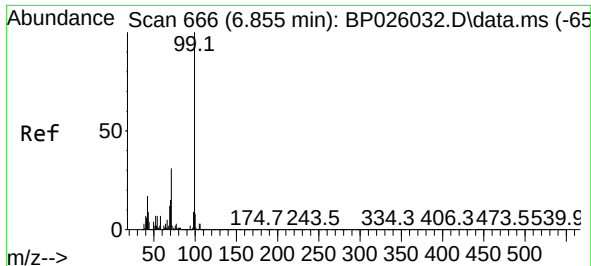
Tgt Ion:152 Resp: 282198
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 57.9 46.4 69.6



#5
2-Fluorophenol
Concen: 93.085 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:112 Resp: 1591924
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 28.8 24.2 36.4

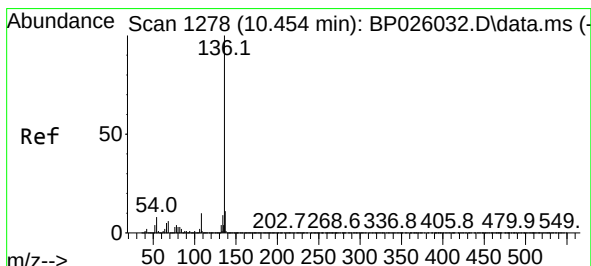
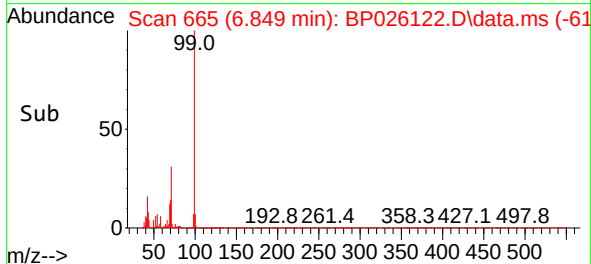
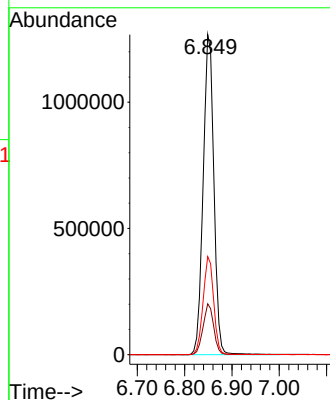
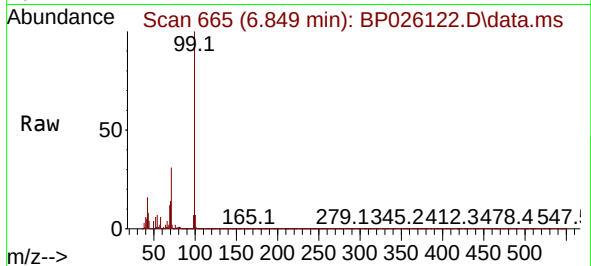




#7
Phenol-d6
Concen: 91.651 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

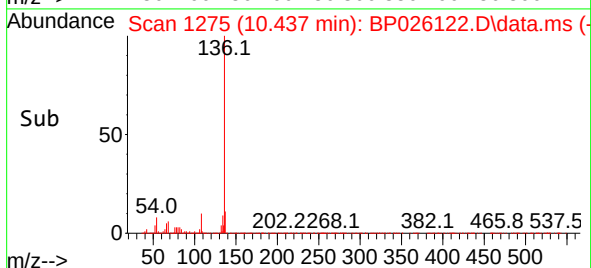
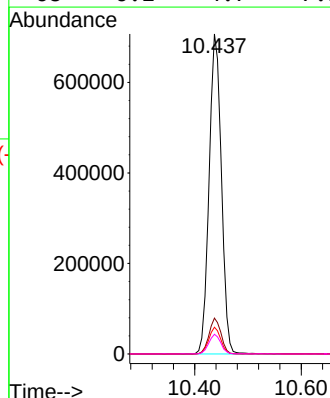
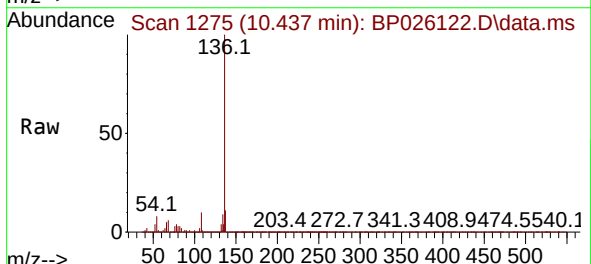
Instrument :
BNA_P
ClientSampleId :
TP-4

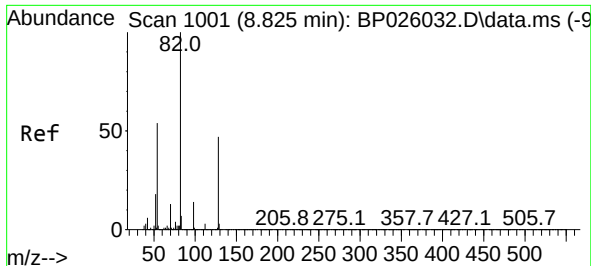
Tgt Ion: 99 Resp: 1994991
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:136 Resp: 1131444
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 6.6 10.0
68 6.2 4.7 7.1

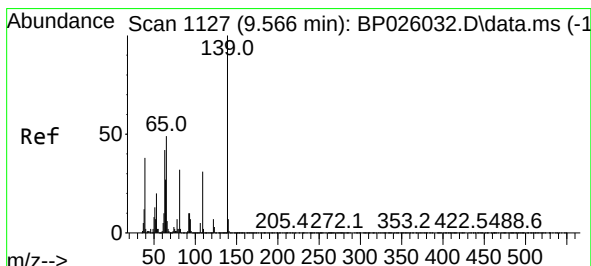
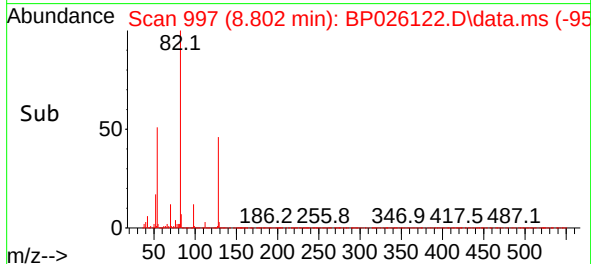
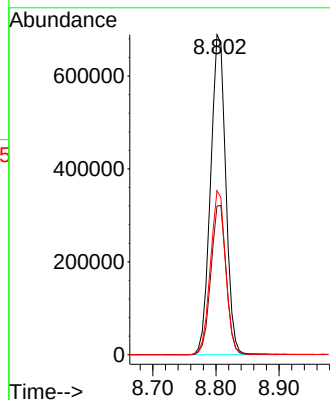
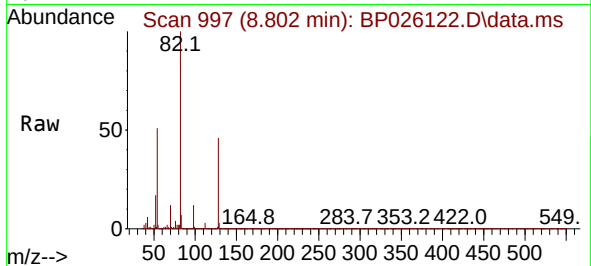




#23
Nitrobenzene-d5
Concen: 63.446 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.023 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

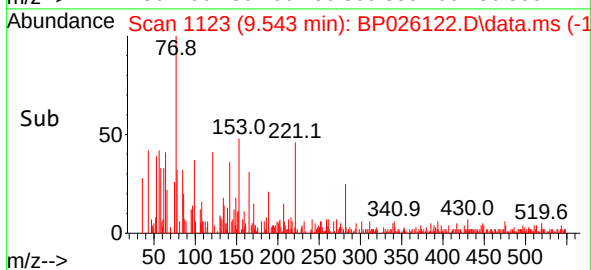
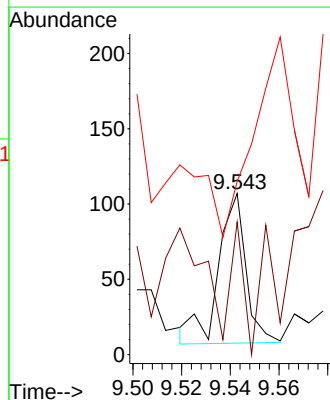
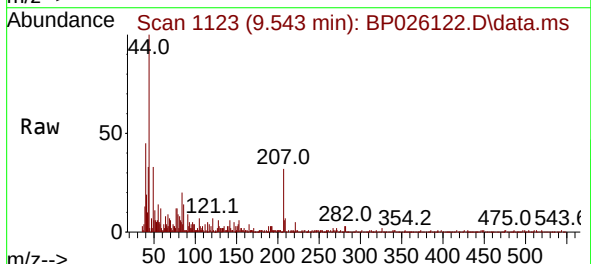
Instrument :
BNA_P
ClientSampleId :
TP-4

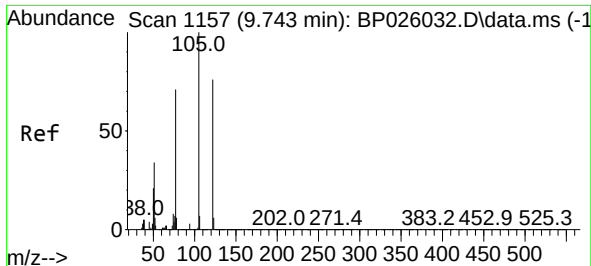
Tgt Ion: 82 Resp: 1151514
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 2.688 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.023 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 82.2 24.8 37.2#
65 174.8 39.0 58.4#

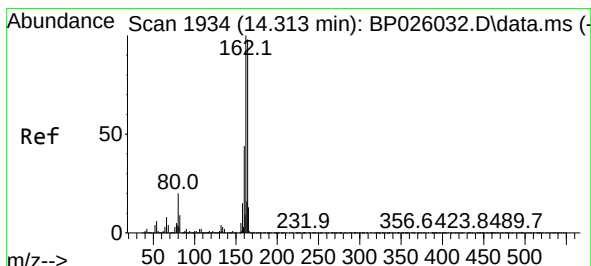
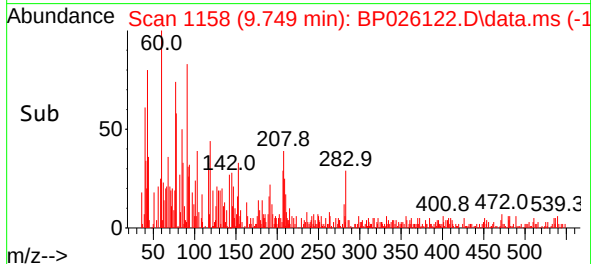
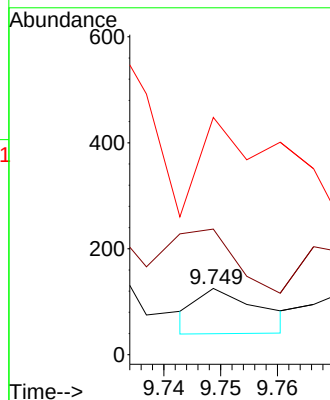
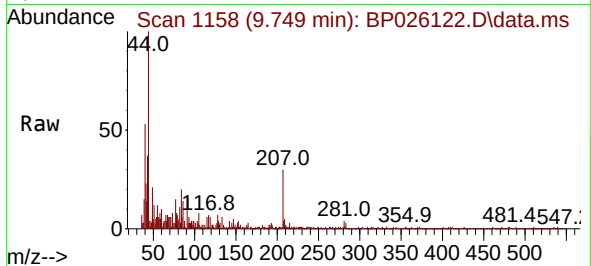




#32
Benzoic acid
Concen: 3.124 ng
RT: 9.749 min Scan# 1157
Delta R.T. -0.029 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

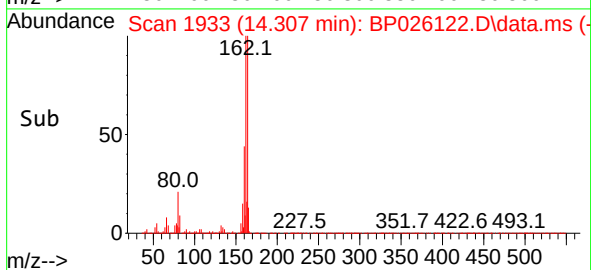
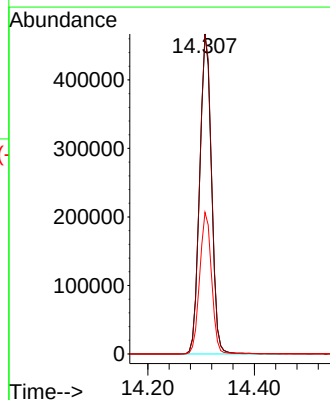
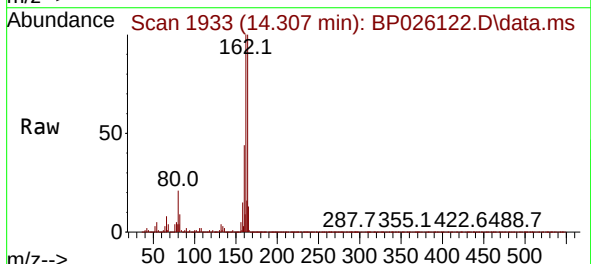
Instrument :
BNA_P
ClientSampleId :
TP-4

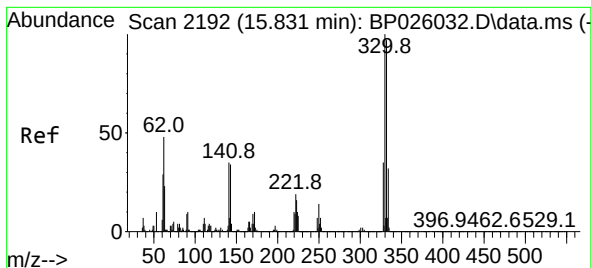
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 233.6 104.8 144.8#
77 495.2 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:164 Resp: 716016
Ion Ratio Lower Upper
164 100
162 99.8 81.5 122.3
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 108.201 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

Instrument :

BNA_P

ClientSampleId :

TP-4

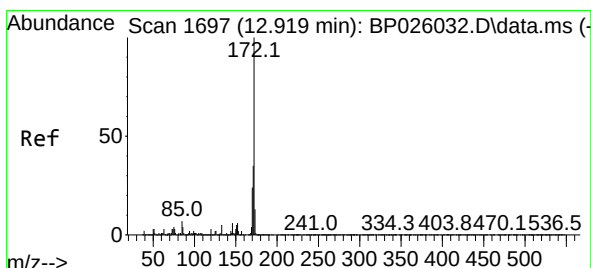
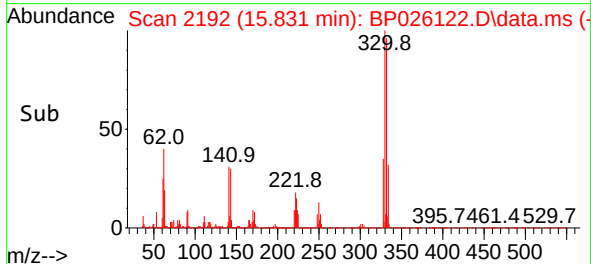
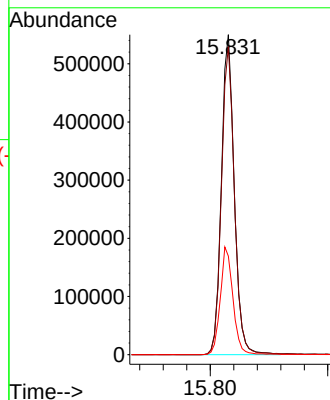
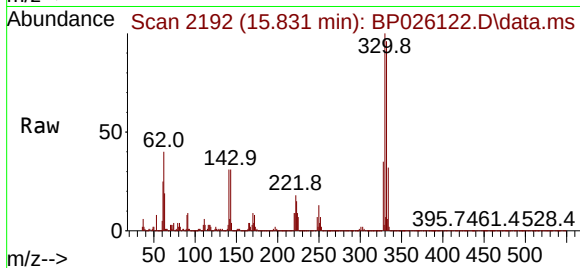
Tgt Ion:330 Resp: 837567

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 33.2 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 58.549 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

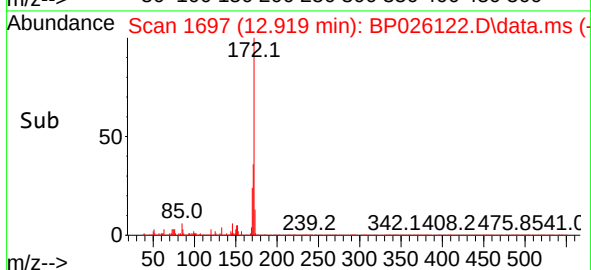
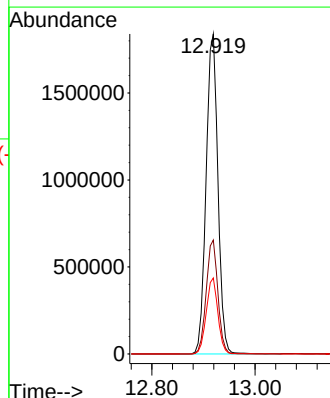
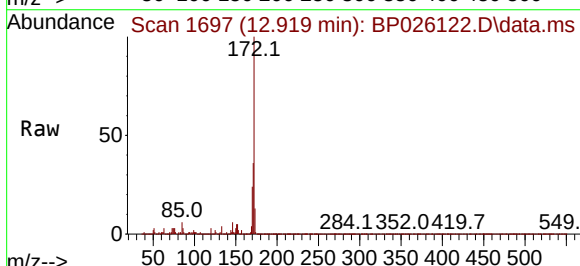
Tgt Ion:172 Resp: 2917506

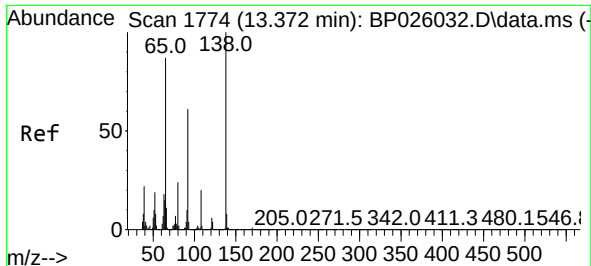
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.8 19.0 28.4

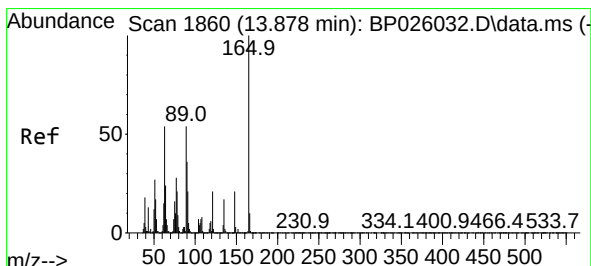
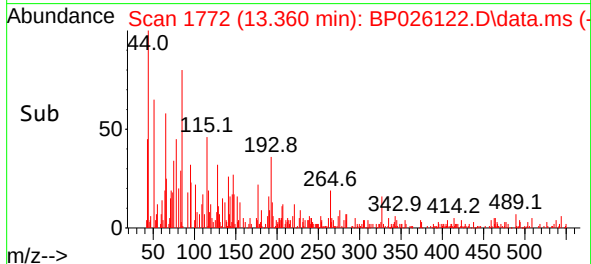
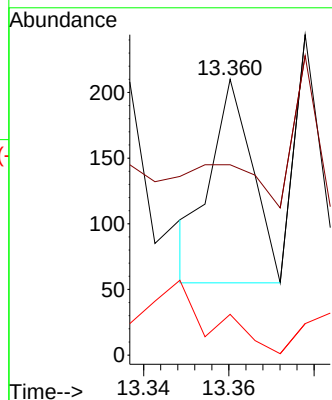
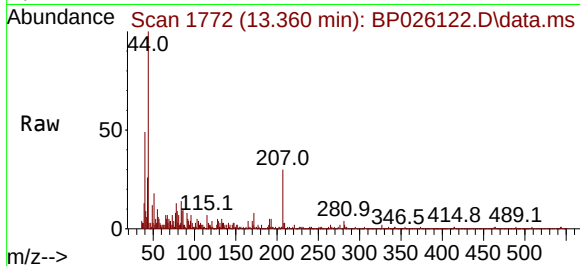




#48
2-Nitroaniline
Concen: 2.919 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

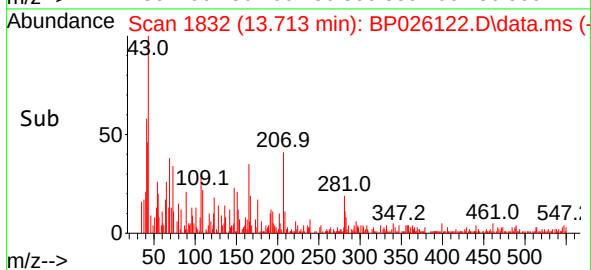
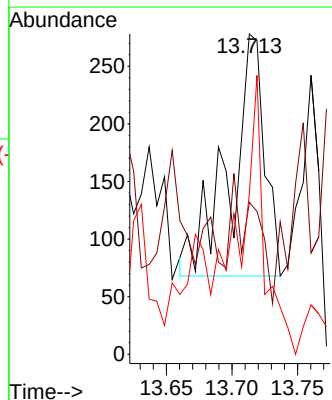
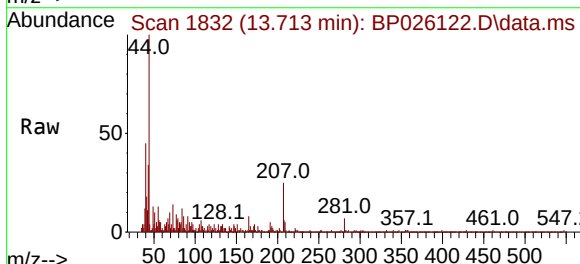
Instrument :
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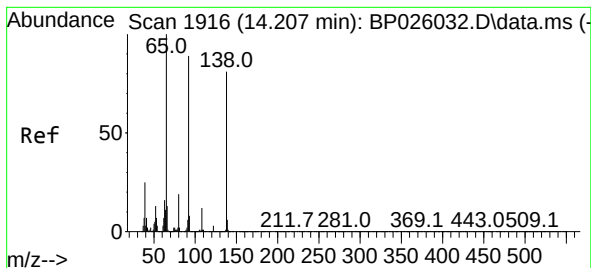
Tgt Ion: 65 Resp: 105
Ion Ratio Lower Upper
65 100
92 69.0 55.5 83.3
138 14.8 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.027 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.165 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion: 165 Resp: 380
Ion Ratio Lower Upper
165 100
63 47.5 43.0 64.4
89 50.0 43.0 64.4





#53

3-Nitroaniline

Concen: 2.641 ng

RT: 14.213 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

Instrument :

BNA_P

ClientSampleId :

TP-4

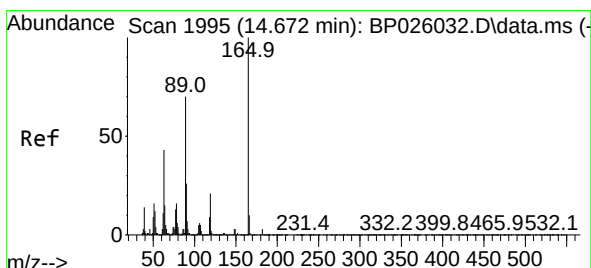
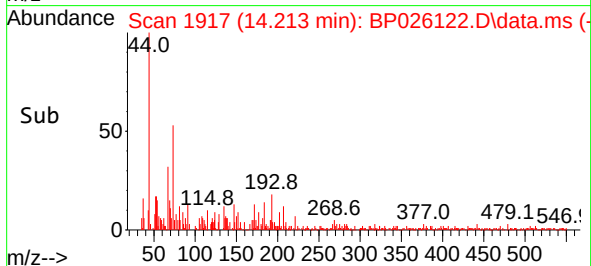
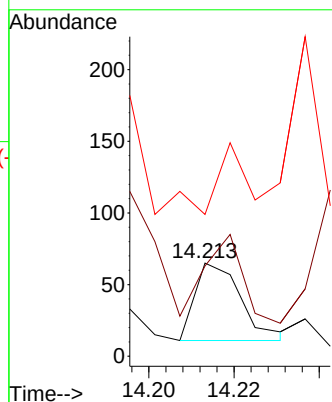
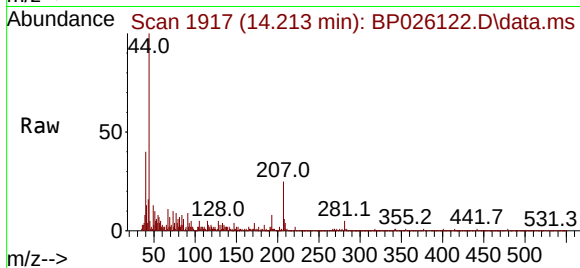
Tgt Ion:138 Resp: 41

Ion Ratio Lower Upper

138 100

108 96.9 11.4 17.0#

92 152.3 87.1 130.7#



#57

2,4-Dinitrotoluene

Concen: 3.102 ng

RT: 14.672 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

Tgt Ion:165 Resp: 226

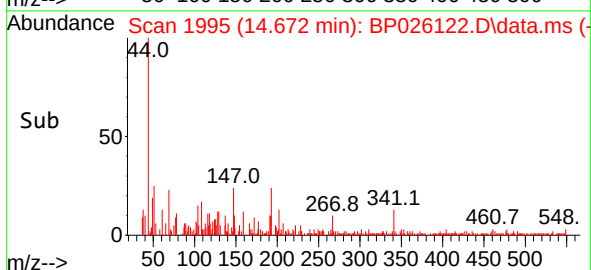
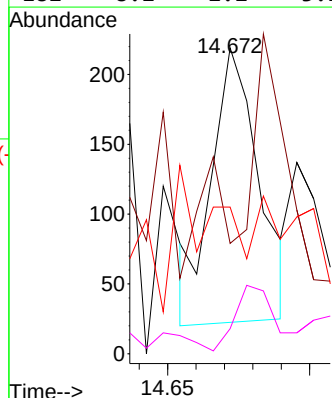
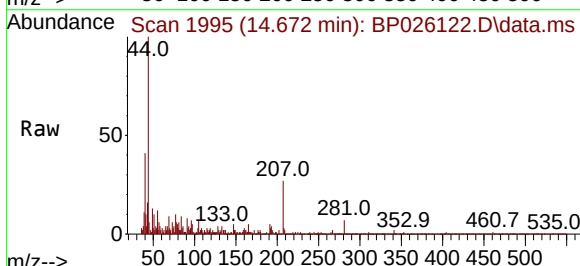
Ion Ratio Lower Upper

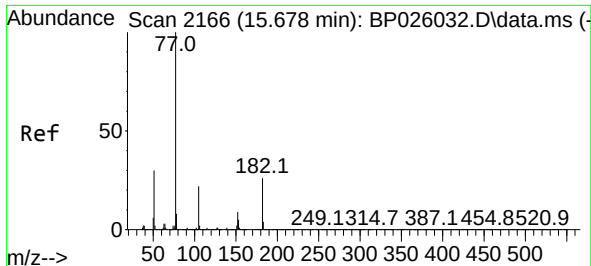
165 100

63 36.1 34.2 51.2

89 47.9 56.0 84.0#

182 8.2 2.2 3.2#

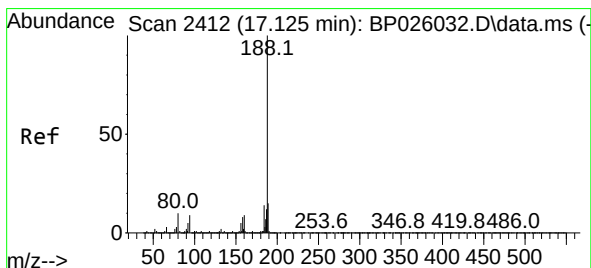
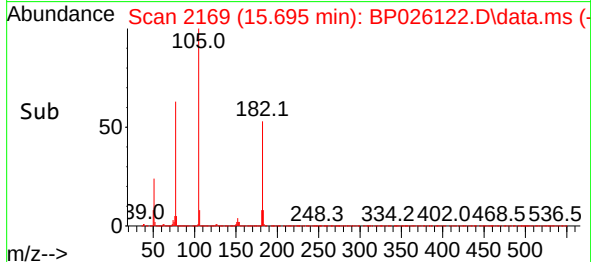
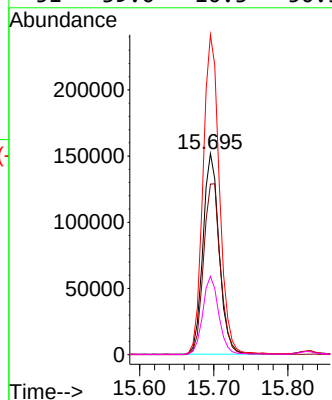
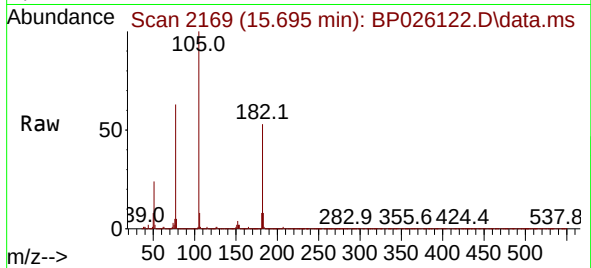




#63
Azobenzene
Concen: 4.859 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

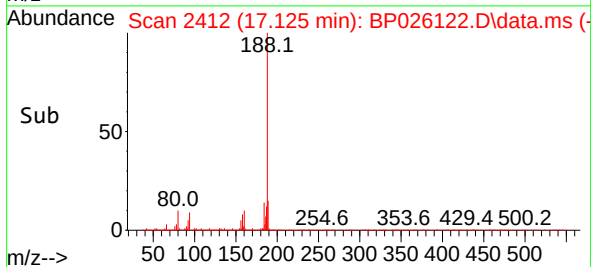
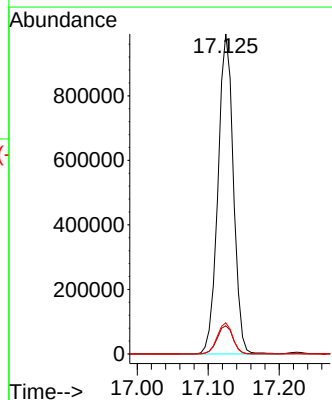
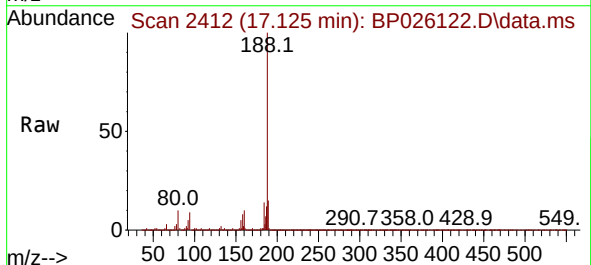
Instrument :
BNA_P
ClientSampleId :
TP-4

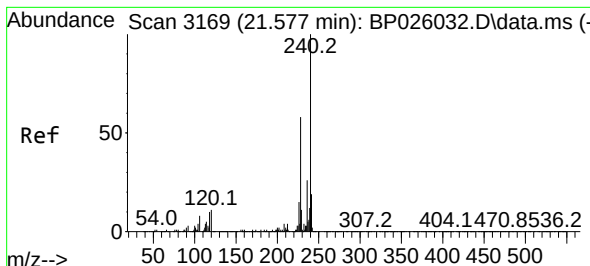
Tgt Ion: 77 Resp: 230577
Ion Ratio Lower Upper
77 100
182 84.9 6.4 46.4#
105 159.2 2.2 42.2#
51 39.0 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:188 Resp: 1486816
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.7 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3168

Delta R.T. 0.006 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

Instrument :

BNA_P

ClientSampleId :

TP-4

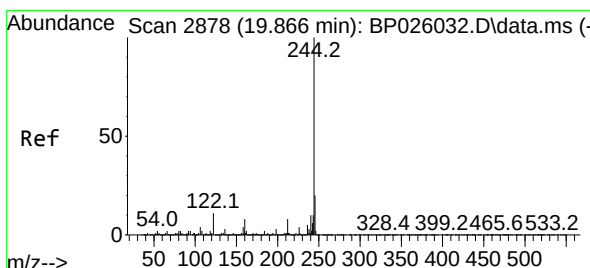
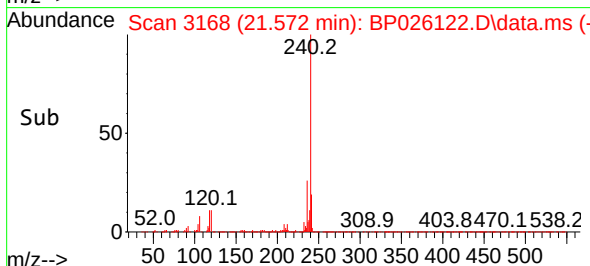
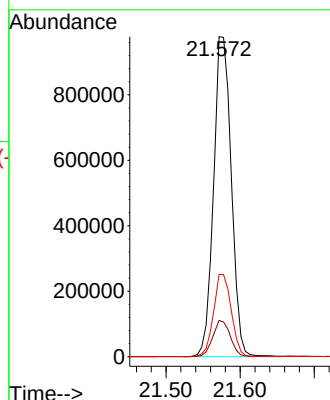
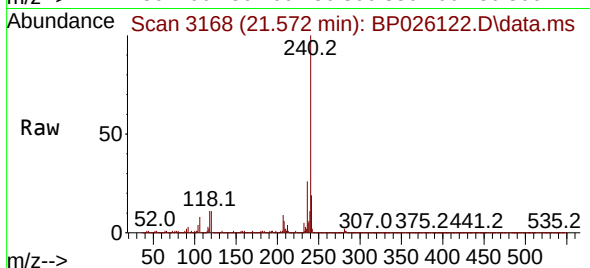
Tgt Ion:240 Resp: 1624103

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 60.794 ng

RT: 19.860 min Scan# 2877

Delta R.T. -0.006 min

Lab File: BP026122.D

Acq: 12 Nov 2025 21:24

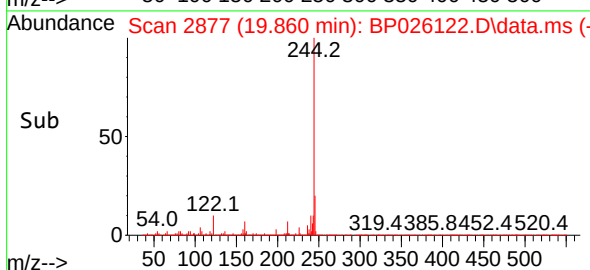
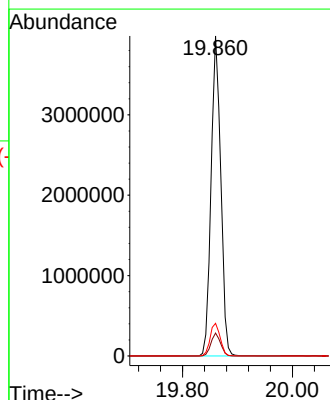
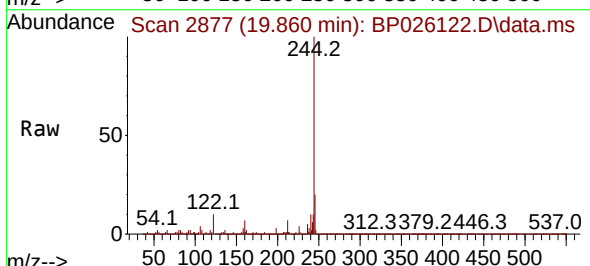
Tgt Ion:244 Resp: 4859830

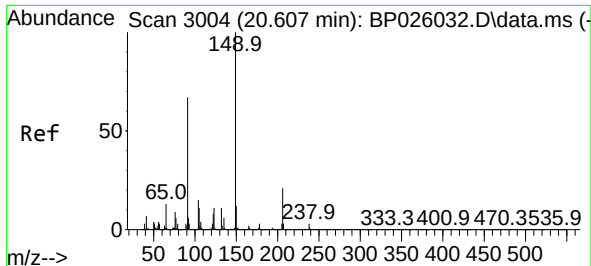
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.2 9.0 13.6

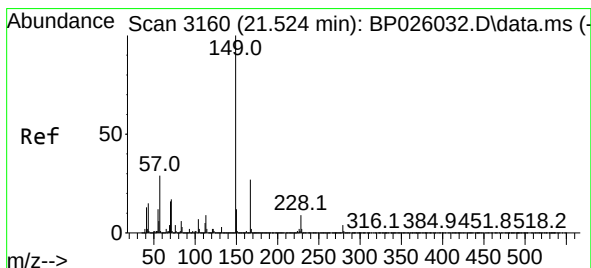
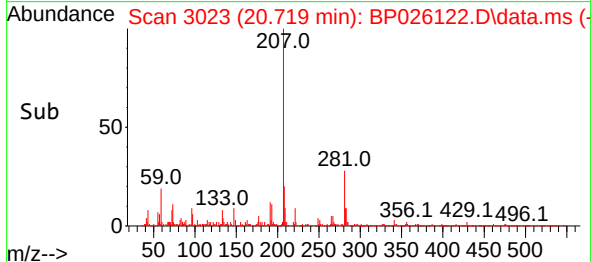
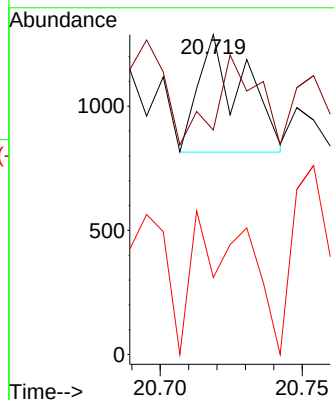
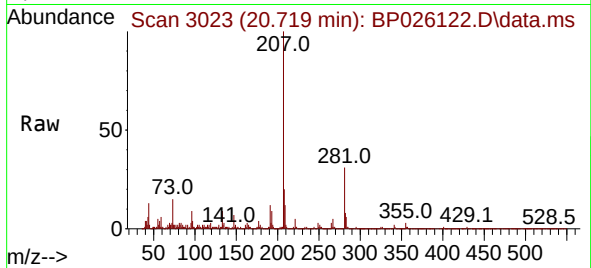




#80
 Butylbenzylphthalate
 Concen: 3.409 ng
 RT: 20.719 min Scan# 3004
 Delta R.T. 0.112 min
 Lab File: BP026122.D
 Acq: 12 Nov 2025 21:24

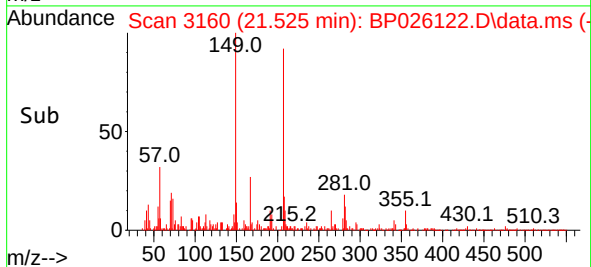
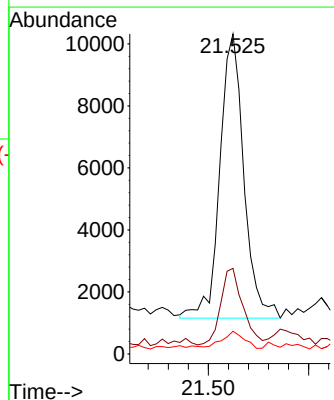
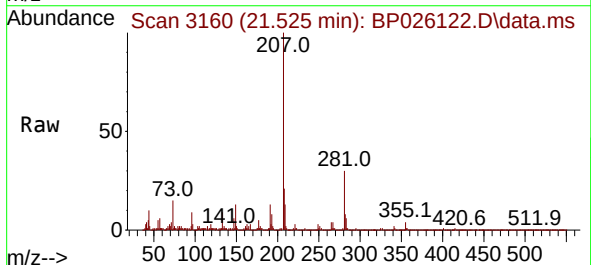
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

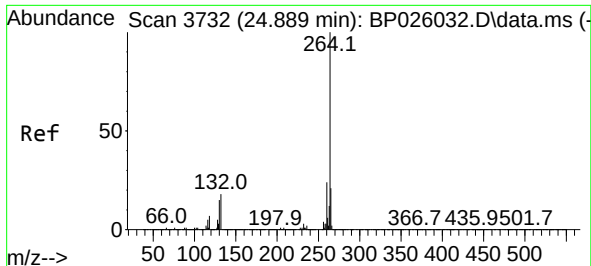
Tgt Ion:	149	Resp:	524
Ion Ratio	Lower	Upper	
149	100		
91	70.2	53.5	80.3
206	24.1	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.817 ng
 RT: 21.525 min Scan# 3160
 Delta R.T. 0.007 min
 Lab File: BP026122.D
 Acq: 12 Nov 2025 21:24

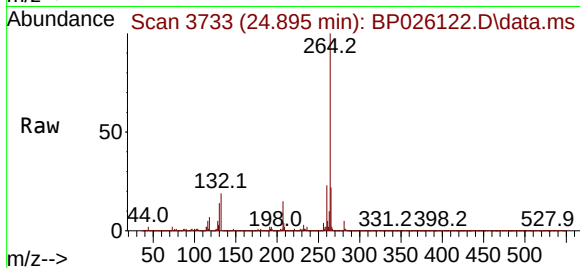
Tgt Ion:	149	Resp:	15217
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.5	32.3
279	7.1	3.0	4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.895 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP026122.D
 Acq: 12 Nov 2025 21:24

Instrument :
 BNA_P
 ClientSampleId :
 TP-4



Tgt Ion:264 Resp: 1767033
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 17.2 25.8

