

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026115.D
 Acq On : 12 Nov 2025 16:36
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SEEP-1

Quant Time: Nov 12 17:20:17 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)

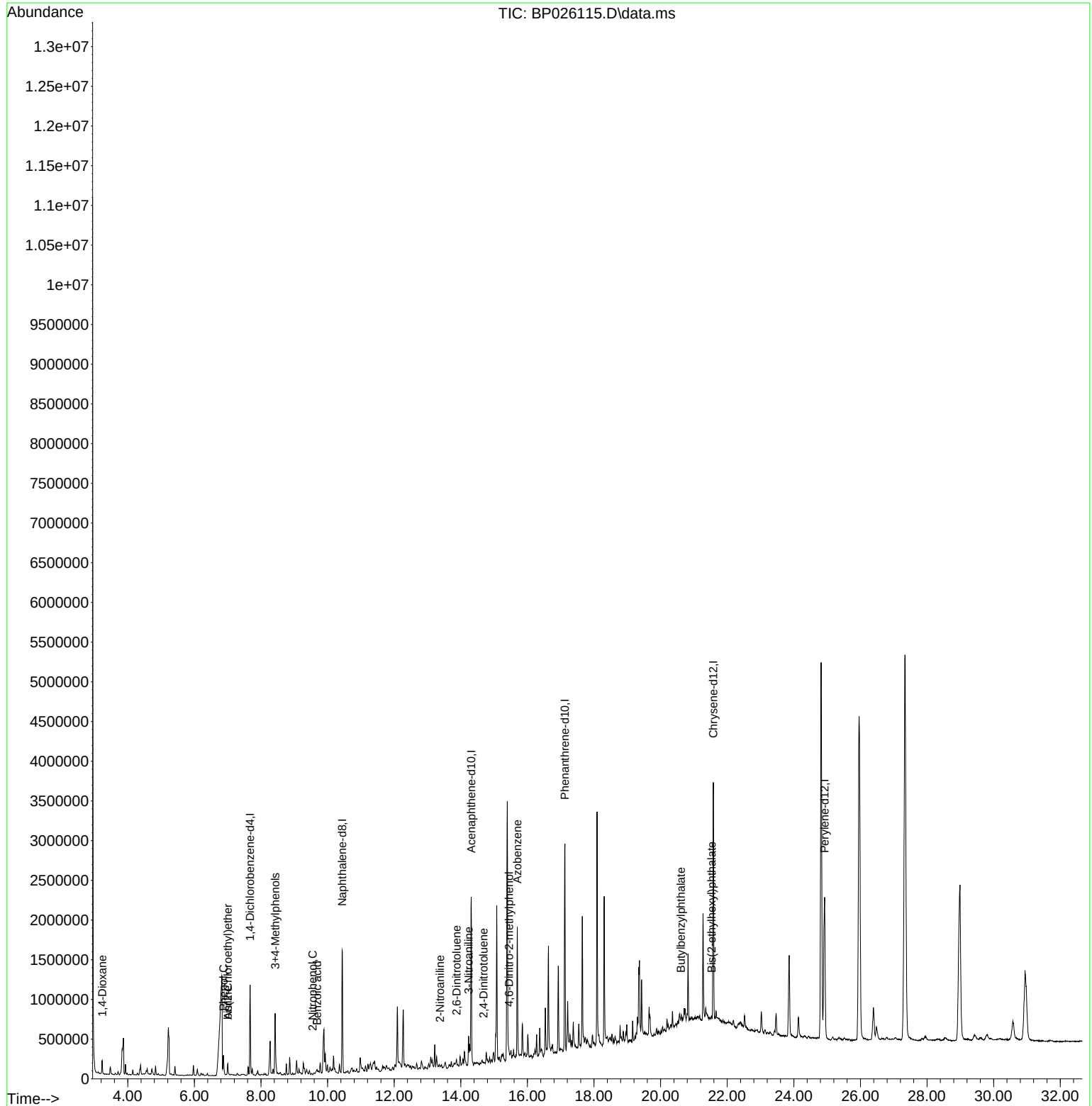
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	324415	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1294546	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	810714	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1608201	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1784622	20.000	ng	0.02
86) Perylene-d12	24.924	264	1987960	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	3195	0.163	ng	0.00
7) Phenol-d6	6.831	99	18786	0.751	ng	-0.02
23) Nitrobenzene-d5	8.808	82	6007	0.289	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	3446	0.393	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	15193	0.269	ng	0.00
79) Terphenyl-d14	19.878	244	31631	0.360	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	82925	10.005	ng	# 84
6) Aniline	7.002	93	90162	2.700	ng	100
10) Phenol	6.872	94	127525	4.590	ng	99
11) bis(2-Chloroethyl)ether	7.002	93	90162	4.112	ng	# 24
20) 3+4-Methylphenols	8.425	107	397532	15.708	ng	91
26) 2-Nitrophenol	9.555	139	126	2.692	ng	# 1
32) Benzoic acid	9.684	122	22202	5.619	ng	97
48) 2-Nitroaniline	13.372	65	563	2.952	ng	# 54
51) 2,6-Dinitrotoluene	13.872	165	9473	3.798	ng	# 43
53) 3-Nitroaniline	14.237	138	10092	3.355	ng	# 1
57) 2,4-Dinitrotoluene	14.684	165	342	3.107	ng	# 48
63) Azobenzene	15.695	77	481432	8.960	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.448	198	205	2.010	ng	# 1
80) Butylbenzylphthalate	20.613	149	973	3.417	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.530	149	18681	2.843	ng	# 89

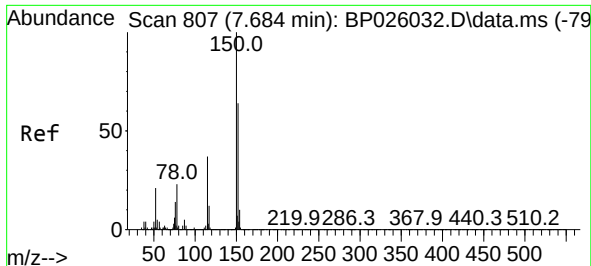
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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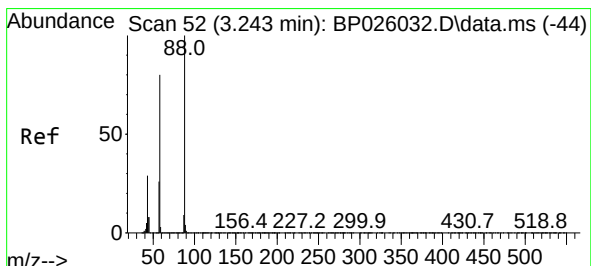
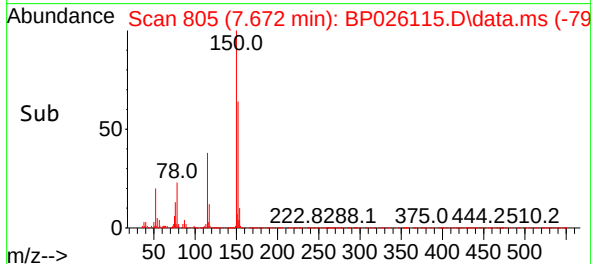
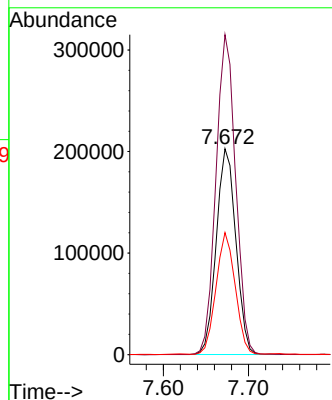
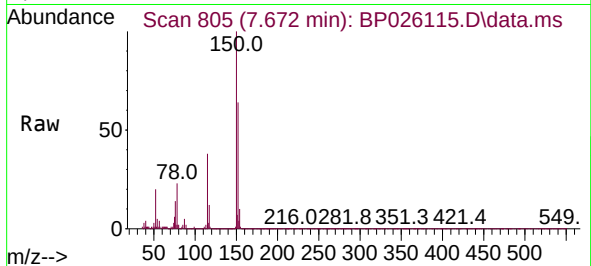




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

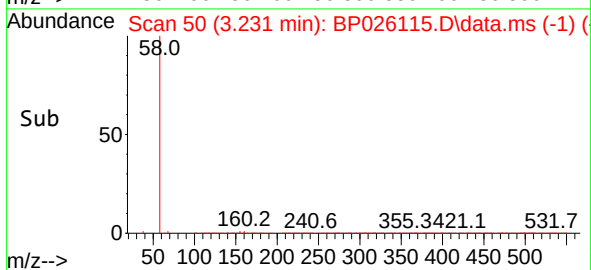
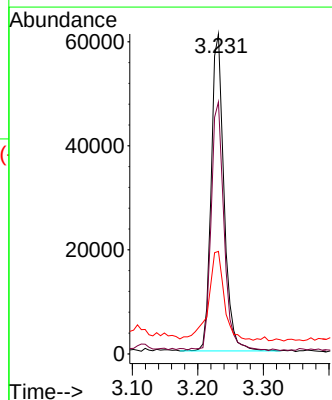
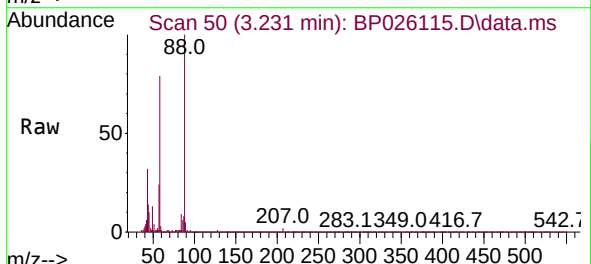
Instrument :
BNA_P
ClientSampleId :
SEEP-1

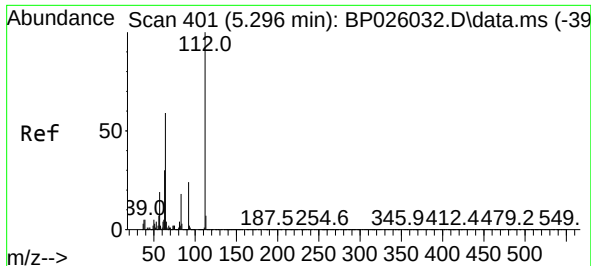
Tgt Ion:152 Resp: 324415
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 59.3 46.4 69.6



#2
1,4-Dioxane
Concen: 10.005 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion: 88 Resp: 82925
Ion Ratio Lower Upper
88 100
58 79.3 65.4 98.0
43 0.0 23.1 34.7#

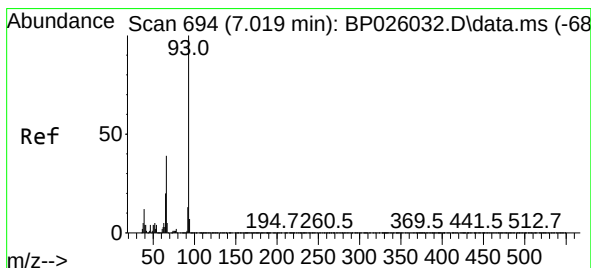
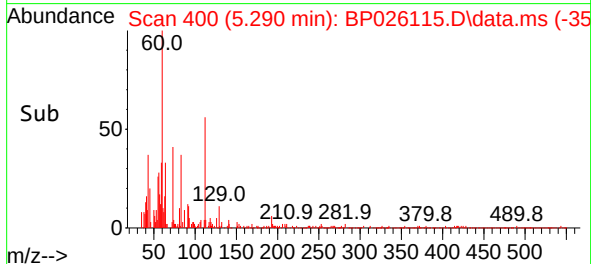
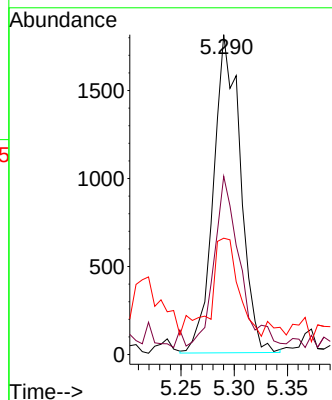
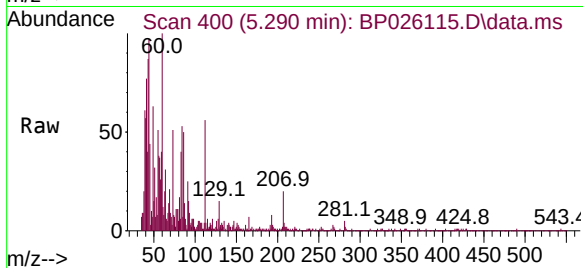




#5
2-Fluorophenol
Concen: 0.163 ng
RT: 5.290 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

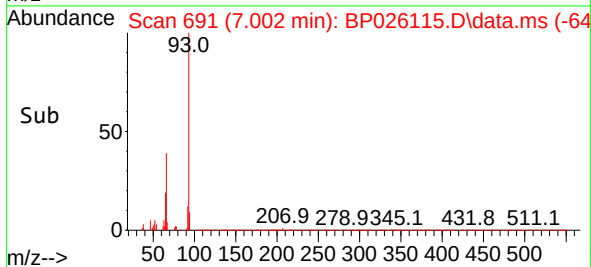
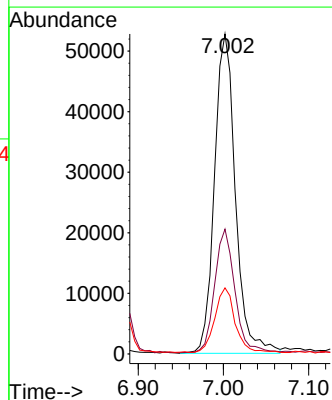
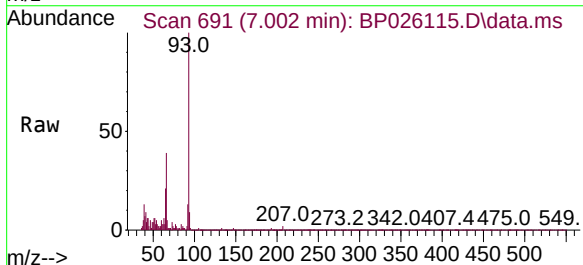
Instrument :
BNA_P
ClientSampleId :
SEEP-1

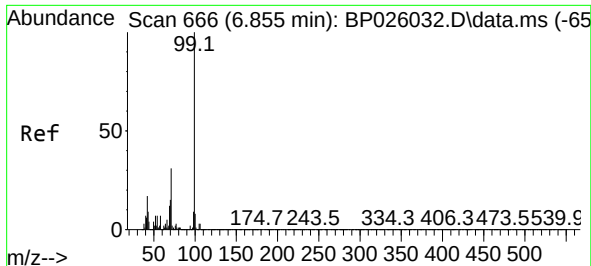
Tgt Ion:	112	Resp:	3195
Ion Ratio	Lower	Upper	
112	100		
64	55.7	47.4	71.2
63	36.4	24.2	36.4



#6
Aniline
Concen: 2.700 ng
RT: 7.002 min Scan# 691
Delta R.T. -0.017 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion:	93	Resp:	90162
Ion Ratio	Lower	Upper	
93	100		
66	39.0	31.2	46.8
65	20.6	16.1	24.1

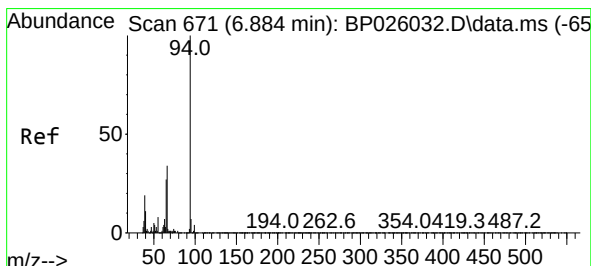
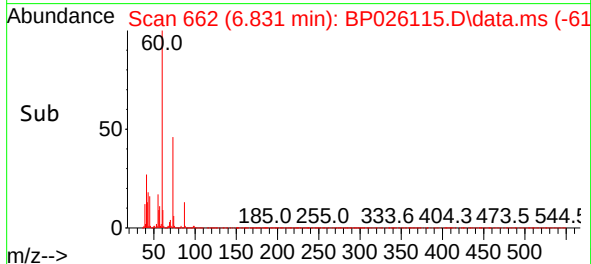
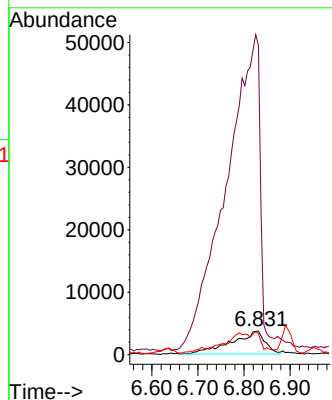
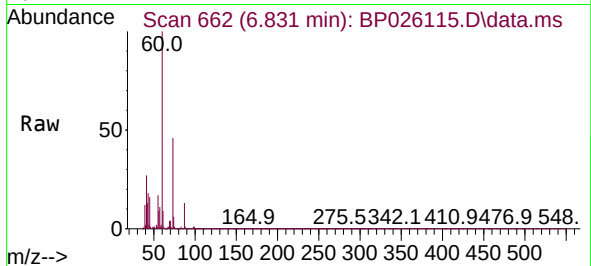




#7
Phenol-d6
Concen: 0.751 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.023 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

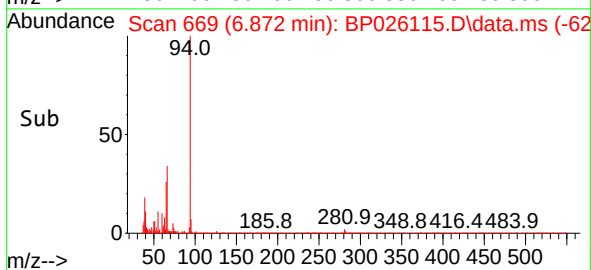
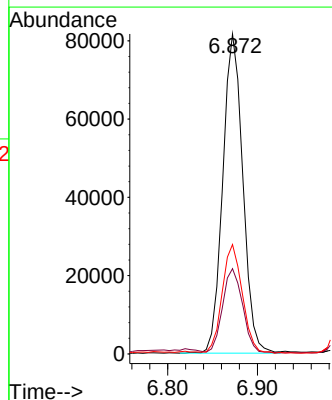
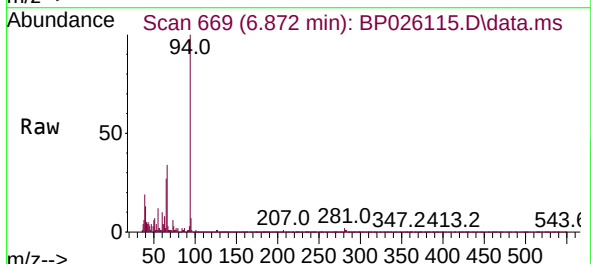
Instrument :
BNA_P
ClientSampleId :
SEEP-1

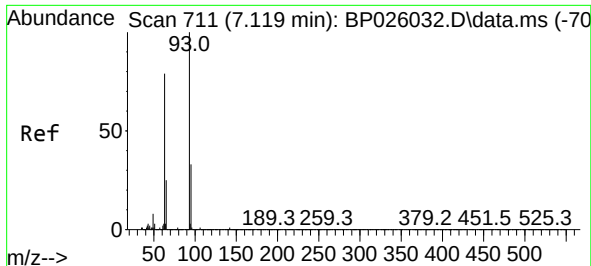
Tgt Ion: 99 Resp: 18786
Ion Ratio Lower Upper
99 100
42 1318.1 13.7 20.5#
71 90.0 24.4 36.6#



#10
Phenol
Concen: 4.590 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.011 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion: 94 Resp: 127525
Ion Ratio Lower Upper
94 100
65 26.6 7.1 47.1
66 34.2 14.4 54.4

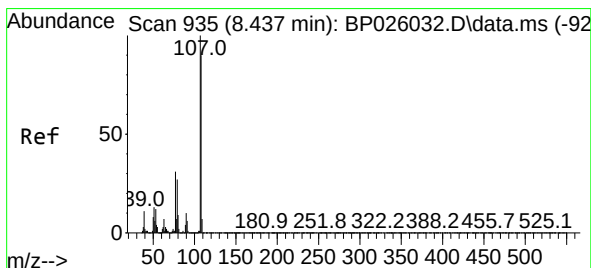
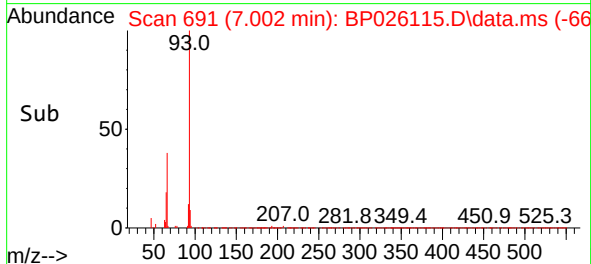
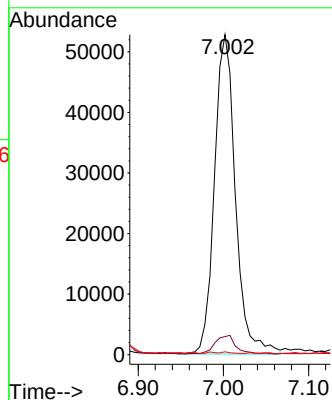
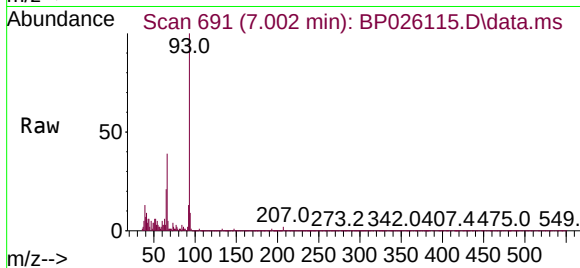




#11
bis(2-Chloroethyl)ether
Concen: 4.112 ng
RT: 7.002 min Scan# 69
Delta R.T. -0.117 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

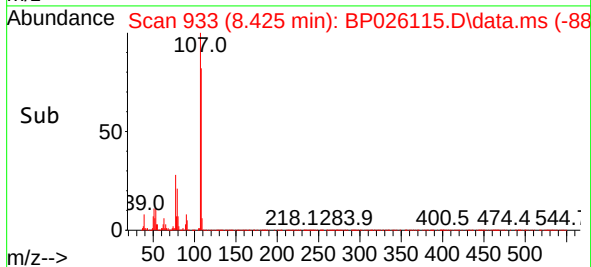
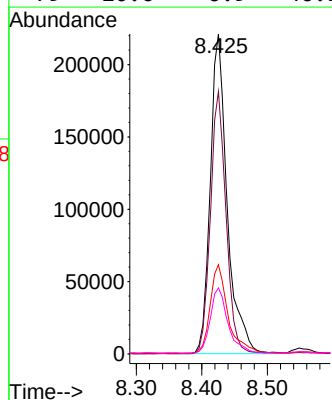
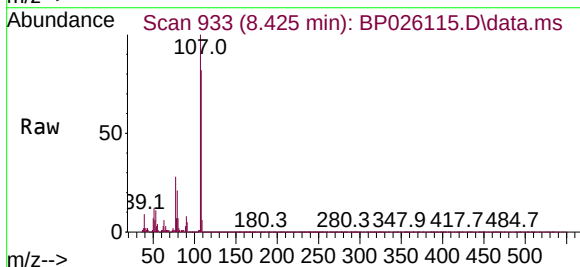
Instrument :
BNA_P
ClientSampleId :
SEEP-1

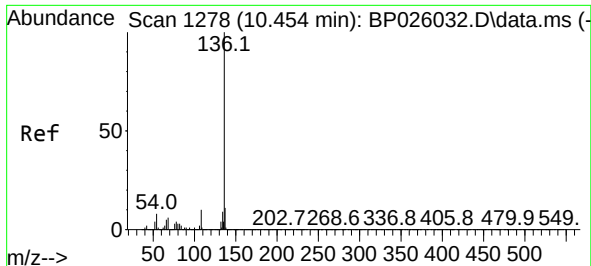
Tgt Ion: 93 Resp: 90162
Ion Ratio Lower Upper
93 100
63 5.6 59.1 99.1#
95 0.9 12.6 52.6#



#20
3+4-Methylphenols
Concen: 15.708 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.017 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion: 107 Resp: 397532
Ion Ratio Lower Upper
107 100
108 82.0 70.1 110.1
77 27.9 10.7 50.7
79 20.6 6.9 46.9



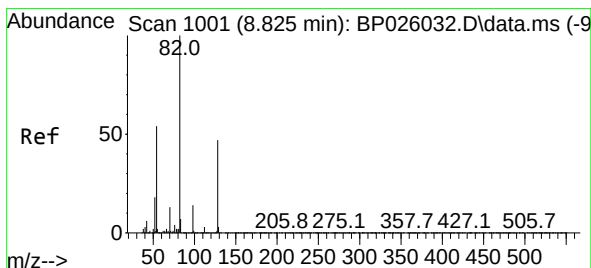
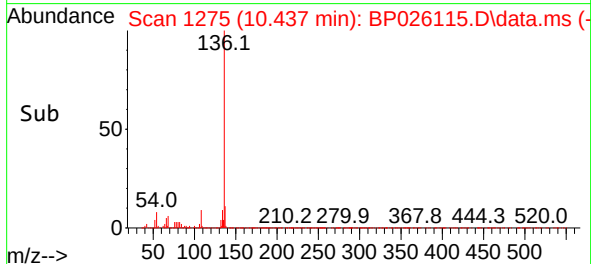
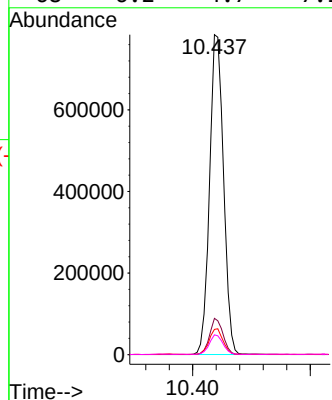
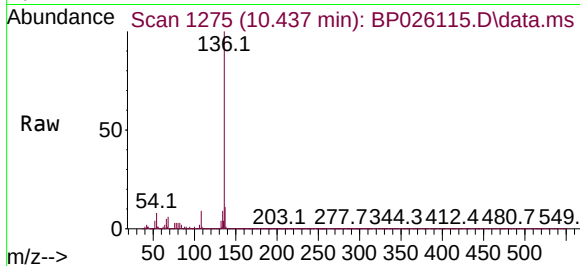


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:136 Resp: 1294546

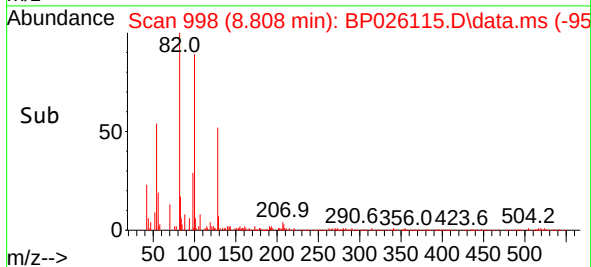
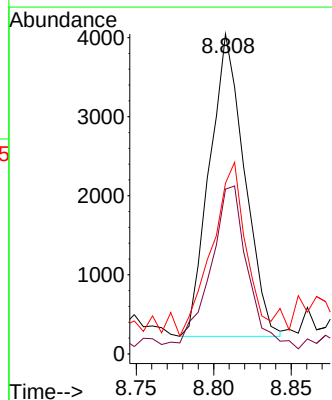
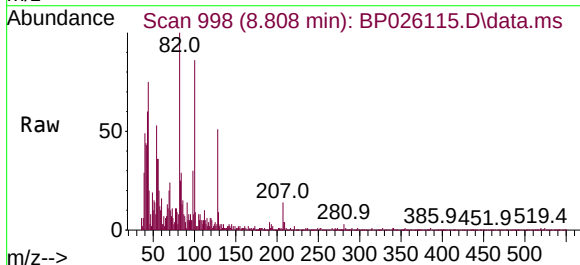
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.9	6.6	10.0
68	6.2	4.7	7.1

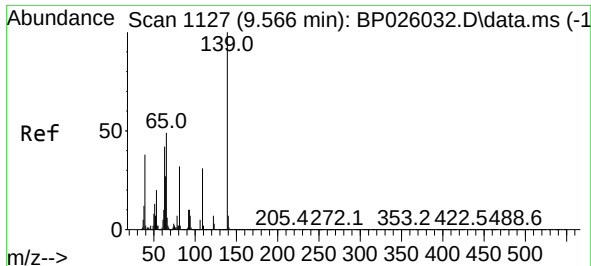


#23
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.808 min Scan# 998
Delta R.T. -0.017 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion: 82 Resp: 6007

Ion	Ratio	Lower	Upper
82	100		
128	51.5	37.4	56.0
54	53.3	42.7	64.1

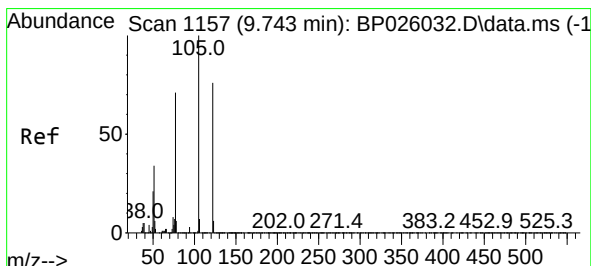
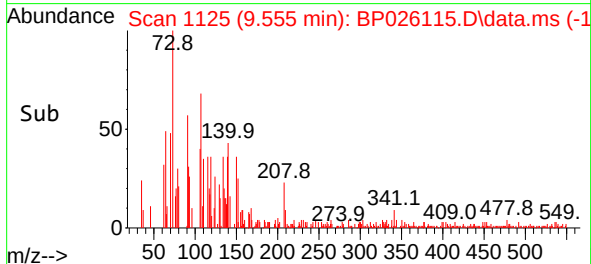
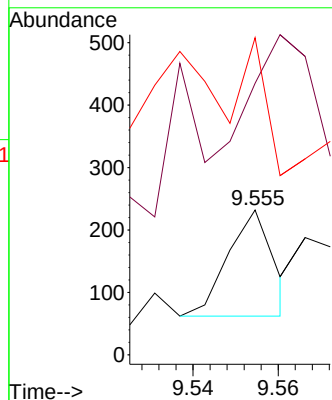
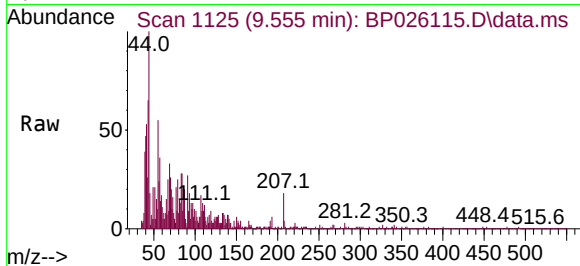




#26
2-Nitrophenol
Concen: 2.692 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.011 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

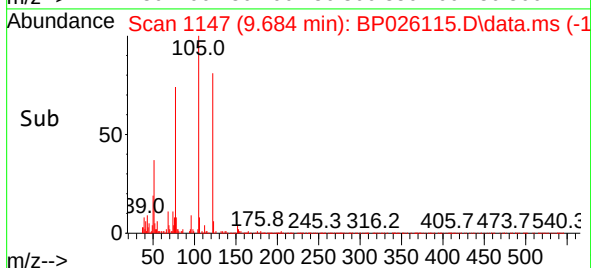
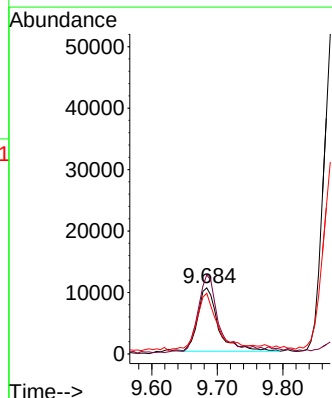
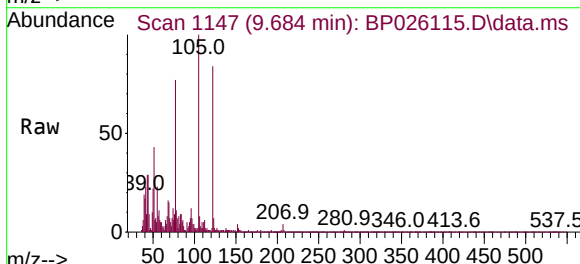
Instrument :
BNA_P
ClientSampleId :
SEEP-1

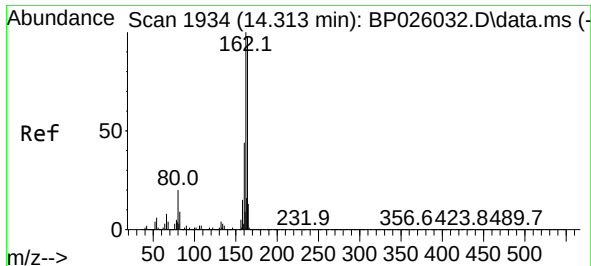
Tgt Ion:139 Resp: 126
Ion Ratio Lower Upper
139 100
109 187.5 24.8 37.2#
65 219.0 39.0 58.4#



#32
Benzoic acid
Concen: 5.619 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.094 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion:122 Resp: 22202
Ion Ratio Lower Upper
122 100
105 119.5 104.8 144.8
77 91.8 70.9 110.9

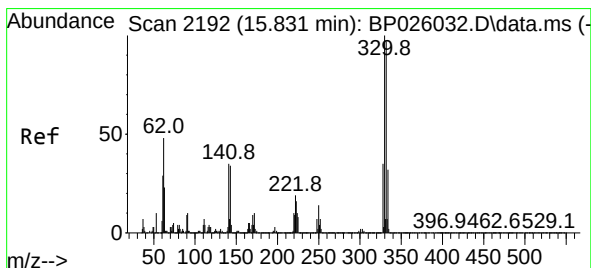
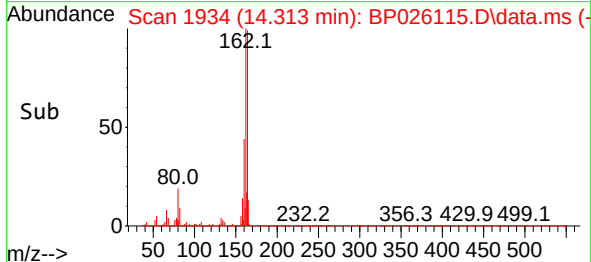
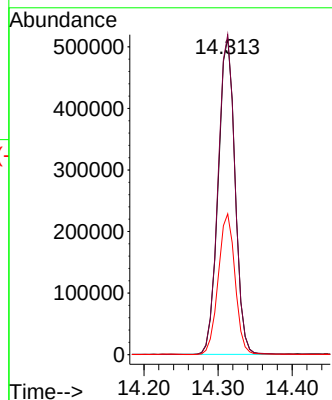
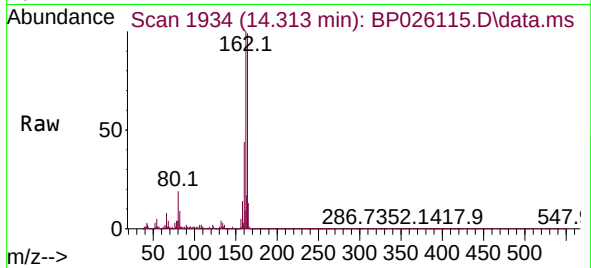




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

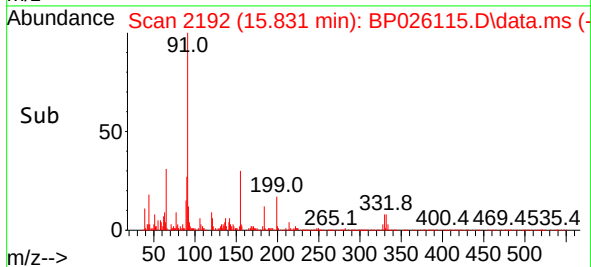
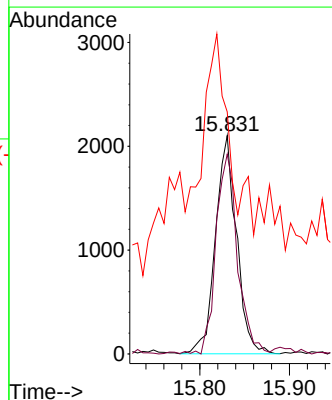
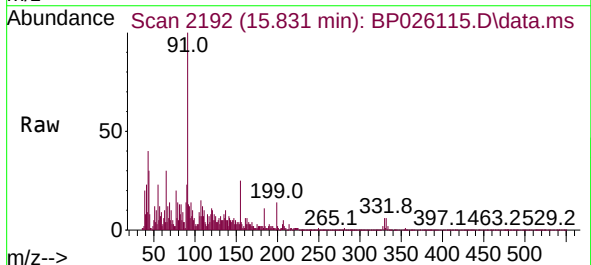
Instrument :
BNA_P
ClientSampleId :
SEEP-1

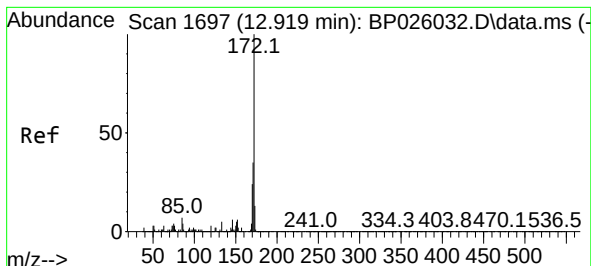
Tgt Ion:164 Resp: 810714
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion:330 Resp: 3446
Ion Ratio Lower Upper
330 100
332 92.8 77.3 115.9
141 81.5 28.6 42.8#





#45

2-Fluorobiphenyl

Concen: 0.269 ng

RT: 12.925 min Scan# 1697

Delta R.T. -0.006 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

Instrument :

BNA_P

ClientSampleId :

SEEP-1

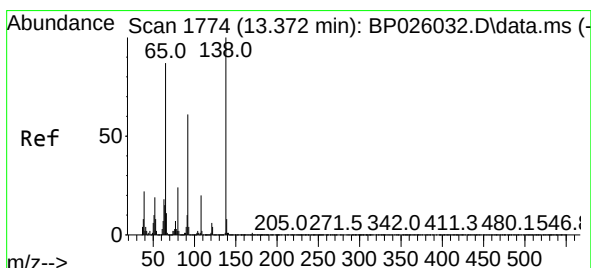
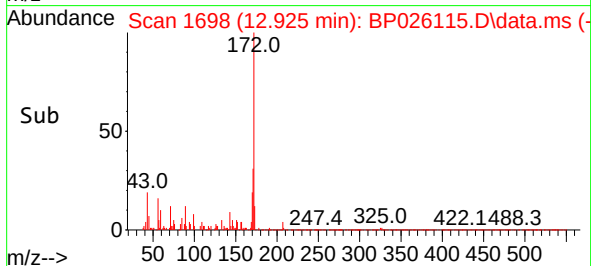
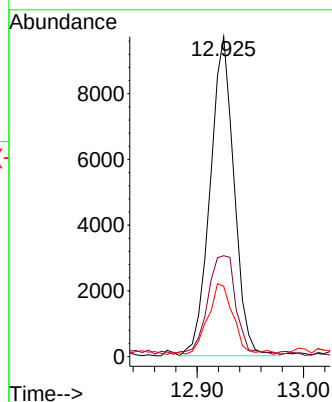
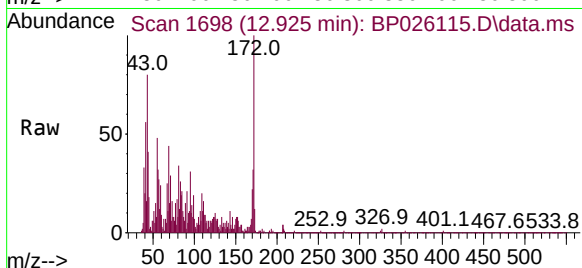
Tgt Ion:172 Resp: 15193

Ion Ratio Lower Upper

172 100

171 31.5 27.9 41.9

170 22.0 19.0 28.4



#48

2-Nitroaniline

Concen: 2.952 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

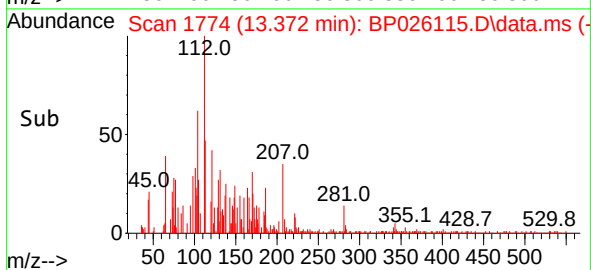
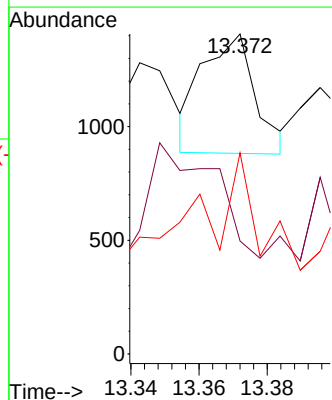
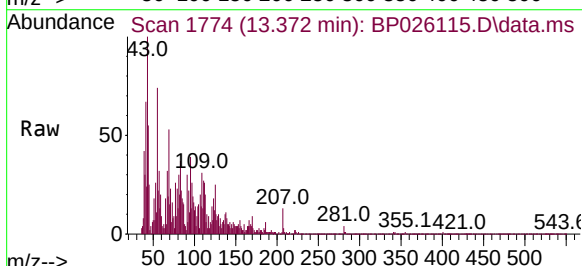
Tgt Ion: 65 Resp: 563

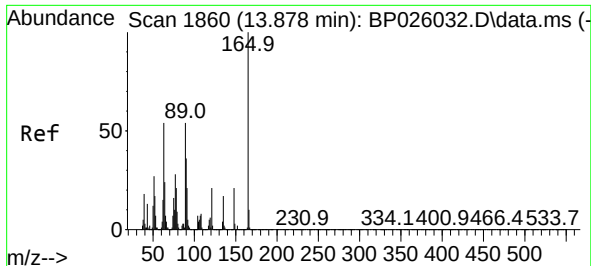
Ion Ratio Lower Upper

65 100

92 35.3 55.5 83.3#

138 62.9 91.7 137.5#

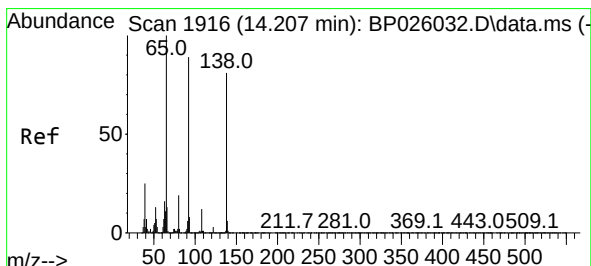
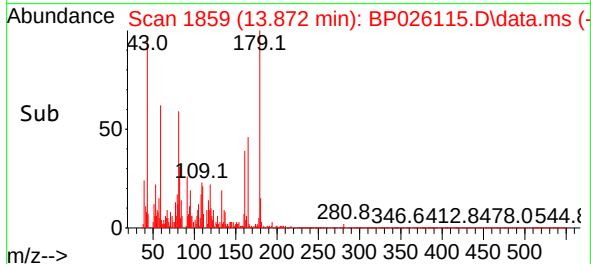
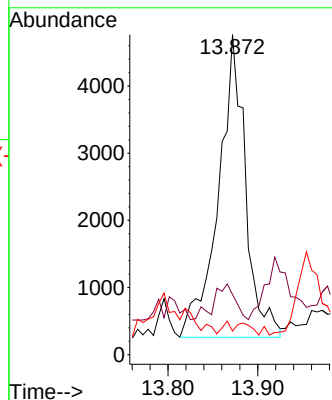
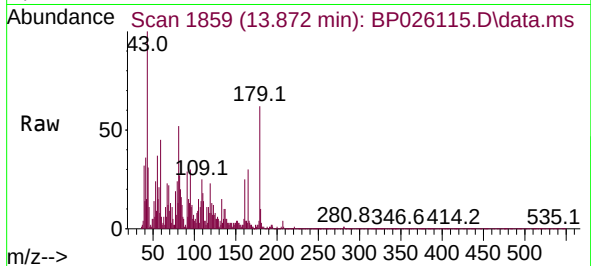




#51
2,6-Dinitrotoluene
Concen: 3.798 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

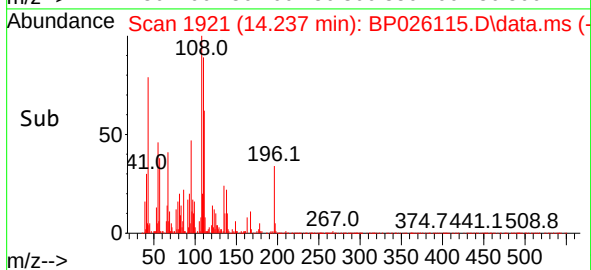
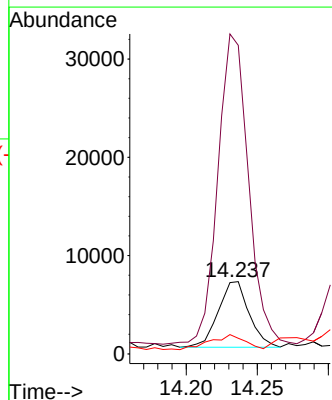
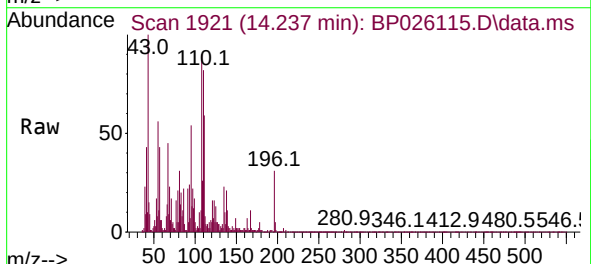
Instrument :
BNA_P
ClientSampleId :
SEEP-1

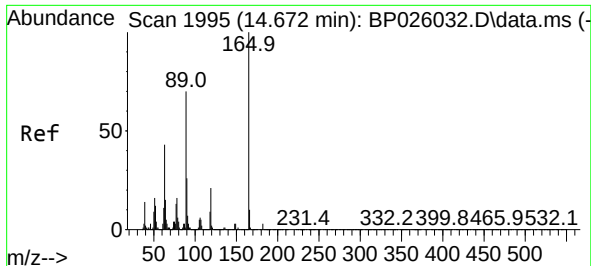
Tgt Ion:165 Resp: 9473
Ion Ratio Lower Upper
165 100
63 18.8 43.0 64.4#
89 7.4 43.0 64.4#



#53
3-Nitroaniline
Concen: 3.355 ng
RT: 14.237 min Scan# 1921
Delta R.T. 0.030 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion:138 Resp: 10092
Ion Ratio Lower Upper
138 100
108 427.0 11.4 17.0#
92 21.6 87.1 130.7#

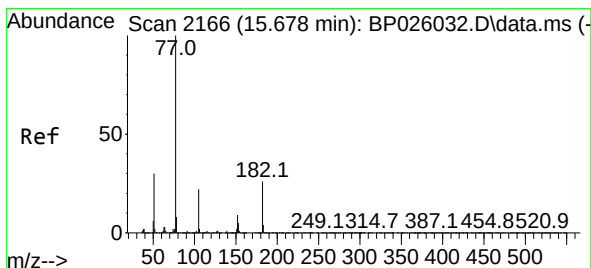
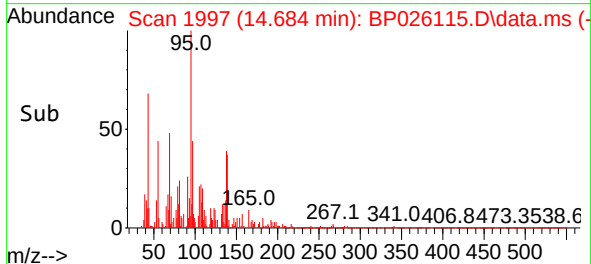
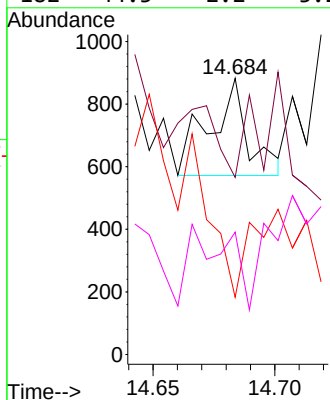
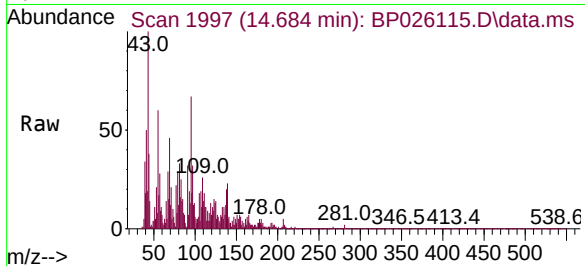




#57
2,4-Dinitrotoluene
Concen: 3.107 ng
RT: 14.684 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

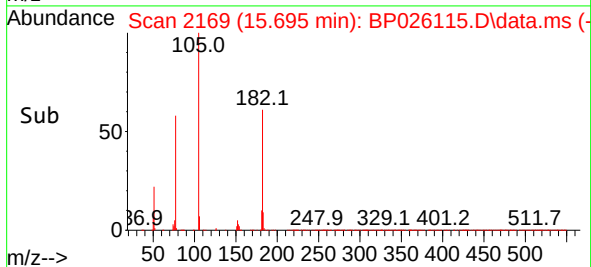
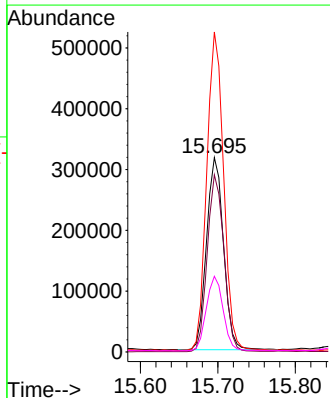
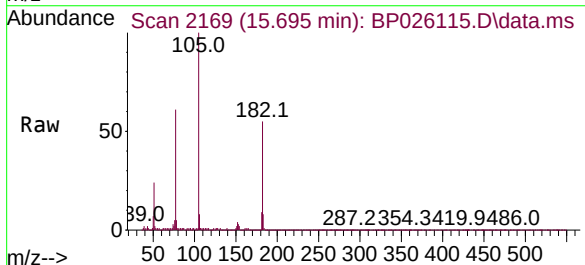
Instrument :
BNA_P
ClientSampleId :
SEEP-1

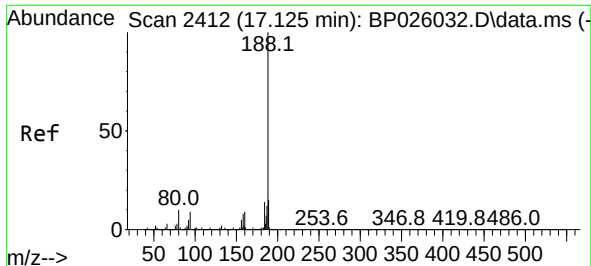
Tgt Ion:165 Resp: 342
Ion Ratio Lower Upper
165 100
63 64.2 34.2 51.2#
89 20.7 56.0 84.0#
182 44.3 2.2 3.2#



#63
Azobenzene
Concen: 8.960 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion: 77 Resp: 481432
Ion Ratio Lower Upper
77 100
182 91.2 6.4 46.4#
105 164.7 2.2 42.2#
51 38.9 10.3 50.3

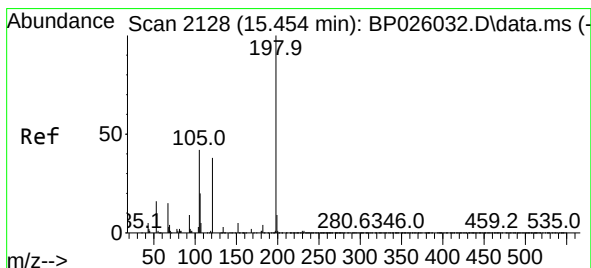
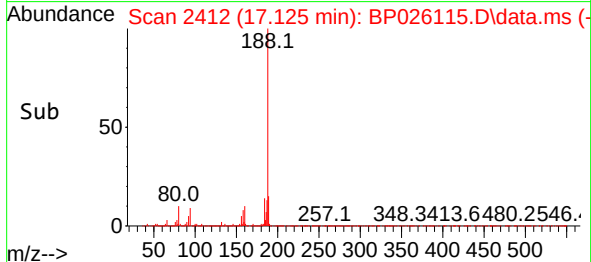
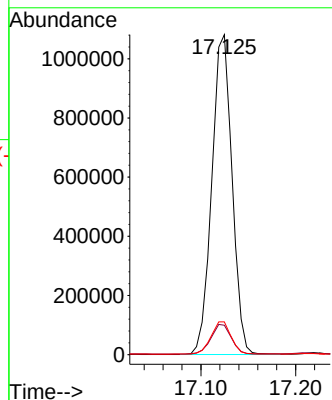
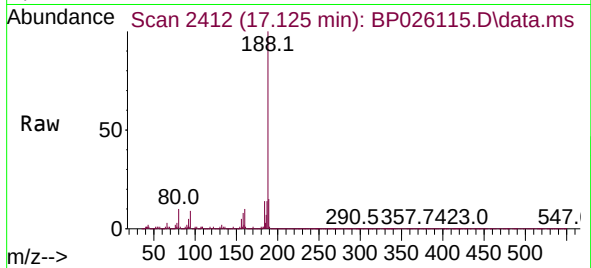




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

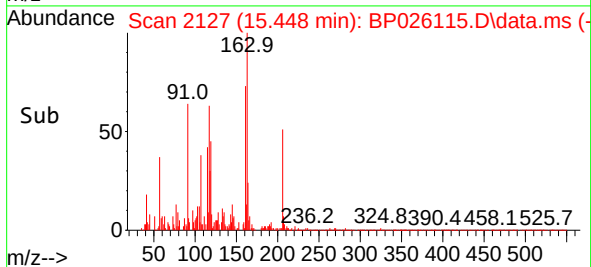
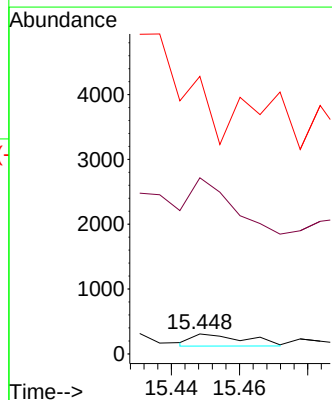
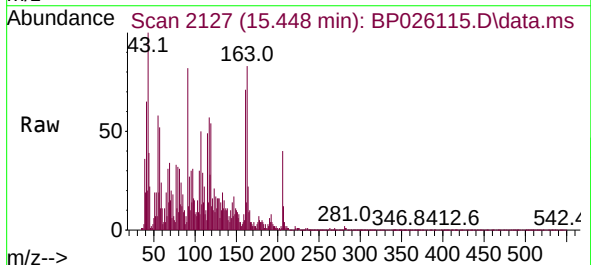
Instrument :
BNA_P
ClientSampleId :
SEEP-1

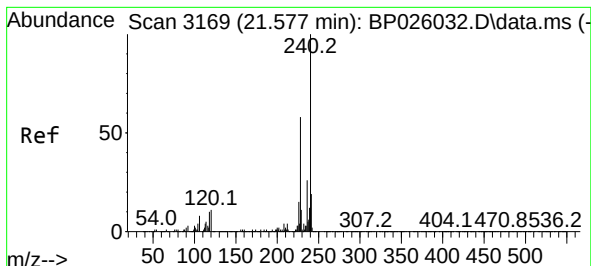
Tgt Ion:188 Resp: 1608201
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 2.010 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP026115.D
Acq: 12 Nov 2025 16:36

Tgt Ion:198 Resp: 205
Ion Ratio Lower Upper
198 100
51 881.5 25.2 65.2#
105 1390.3 23.7 63.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

Instrument :

BNA_P

ClientSampleId :

SEEP-1

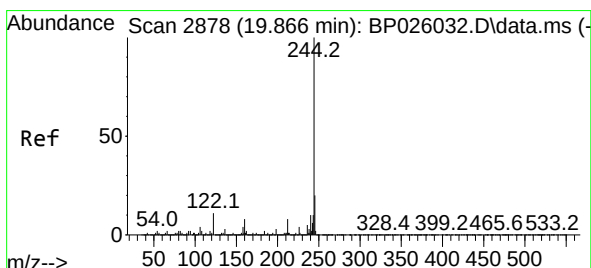
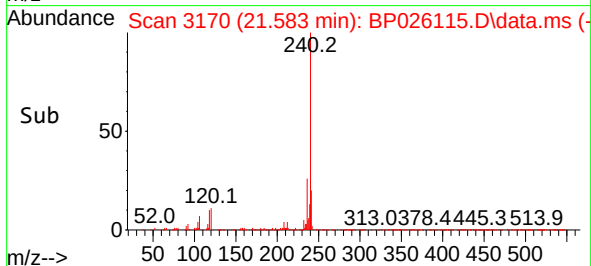
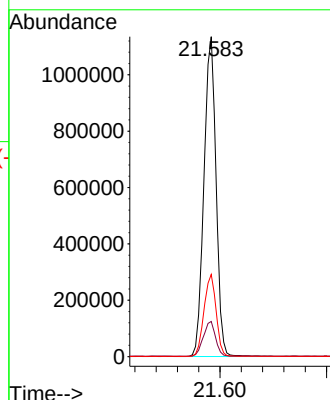
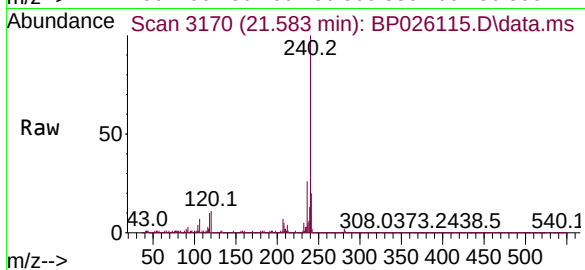
Tgt Ion:240 Resp: 1784622

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 0.360 ng

RT: 19.878 min Scan# 2880

Delta R.T. 0.012 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

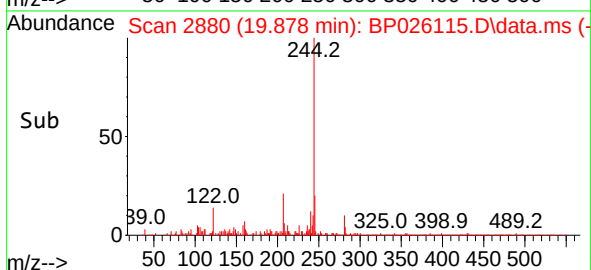
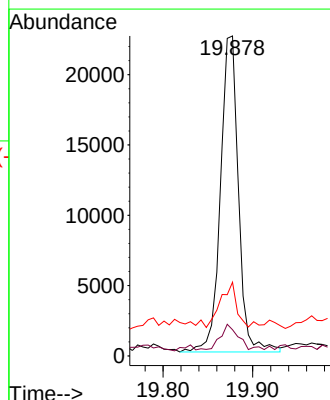
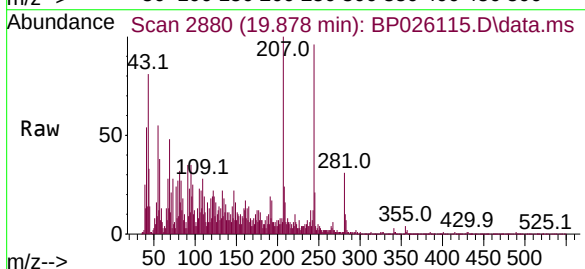
Tgt Ion:244 Resp: 31631

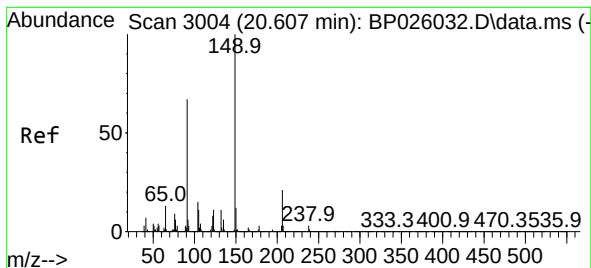
Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

122 23.0 9.0 13.6#





#80

Butylbenzylphthalate

Concen: 3.417 ng

RT: 20.613 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

Instrument :

BNA_P

ClientSampleId :

SEEP-1

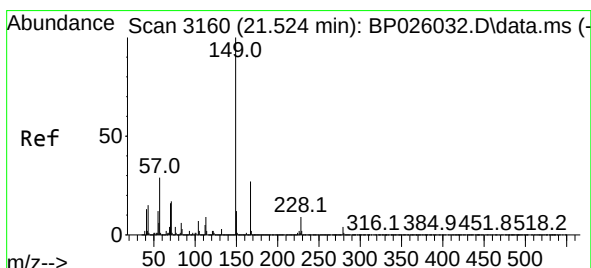
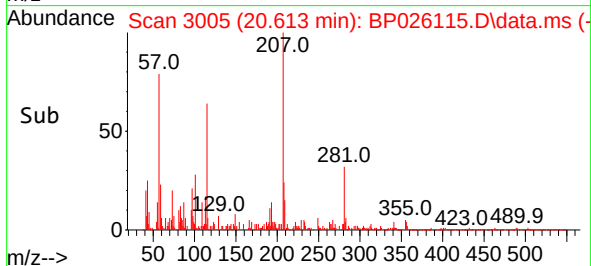
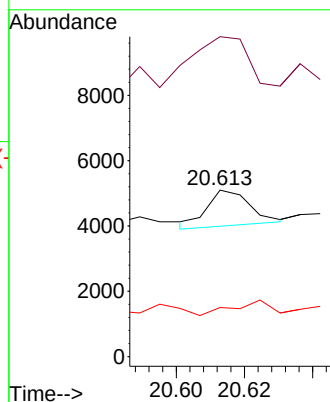
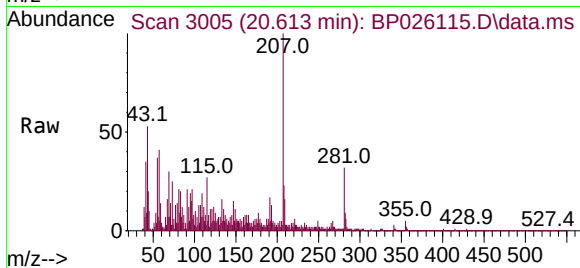
Tgt Ion:149 Resp: 973

Ion Ratio Lower Upper

149 100

91 192.2 53.5 80.3#

206 29.5 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.843 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026115.D

Acq: 12 Nov 2025 16:36

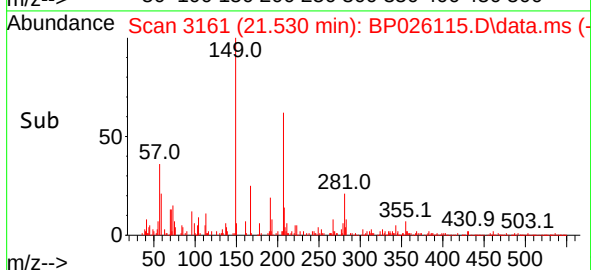
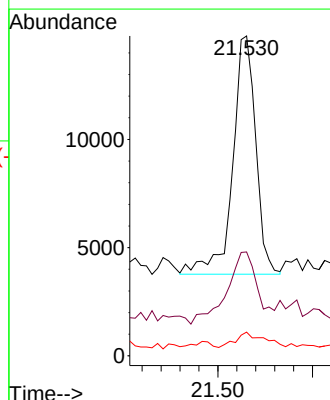
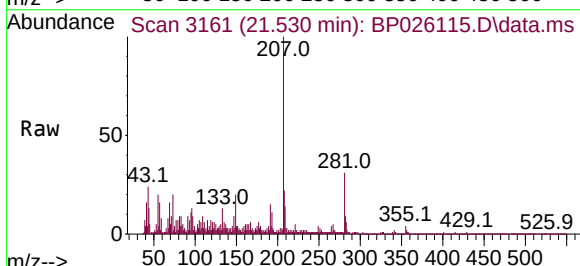
Tgt Ion:149 Resp: 18681

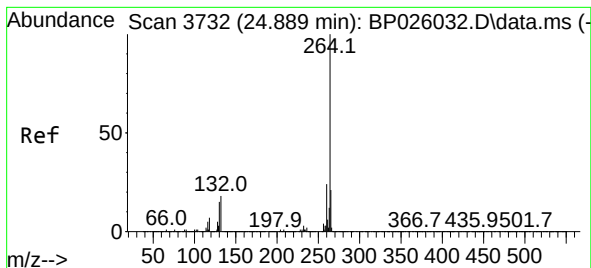
Ion Ratio Lower Upper

149 100

167 32.5 21.5 32.3#

279 7.4 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 31

Delta R.T. 0.041 min

Lab File: BP026115.D

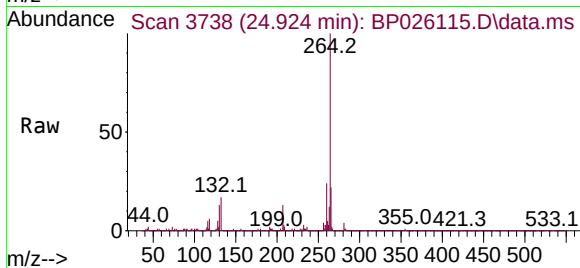
Acq: 12 Nov 2025 16:36

Instrument :

BNA_P

ClientSampleId :

SEEP-1



Tgt Ion:264 Resp: 1987960

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.9 17.2 25.8

