

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026067.D
 Acq On : 03 Nov 2025 21:01
 Operator : RC/JU
 Sample : Q3520-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-103125

Quant Time: Nov 03 23:59:16 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)

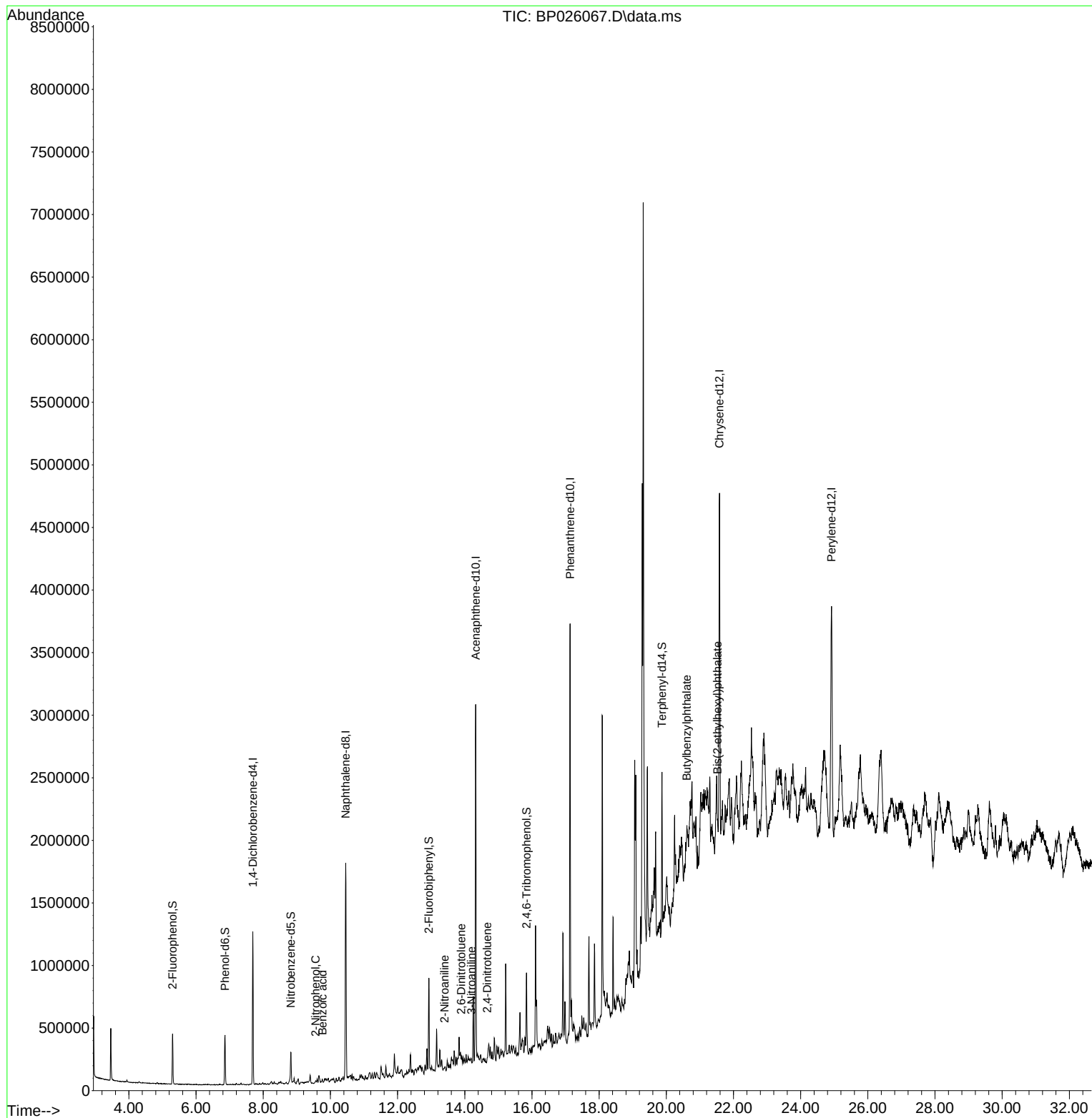
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	336779	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1453305	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	956089	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1908393	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1905104	20.000	ng	0.02
86) Perylene-d12	24.918	264	2192632	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	180127	8.826	ng	0.00
7) Phenol-d6	6.860	99	239323	9.213	ng	0.00
23) Nitrobenzene-d5	8.819	82	140141	6.011	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	108225	10.470	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	392476	5.899	ng	0.00
79) Terphenyl-d14	19.872	244	576808	6.151	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.560	139	139	2.692	ng	# 1
32) Benzoic acid	9.766	122	197	3.136	ng	# 10
48) 2-Nitroaniline	13.401	65	1233	2.988	ng	# 39
51) 2,6-Dinitrotoluene	13.895	165	663	3.039	ng	# 68
53) 3-Nitroaniline	14.195	138	453	2.665	ng	# 49
57) 2,4-Dinitrotoluene	14.672	165	638	3.118	ng	# 56
80) Butylbenzylphthalate	20.613	149	1672	3.429	ng	# 48
84) Bis(2-ethylhexyl)phtha...	21.524	149	7373	2.688	ng	# 41

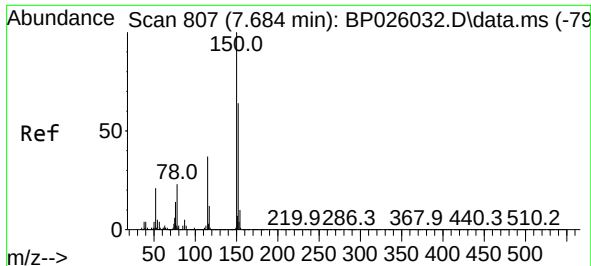
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
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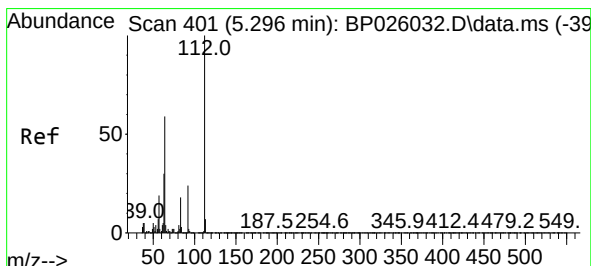
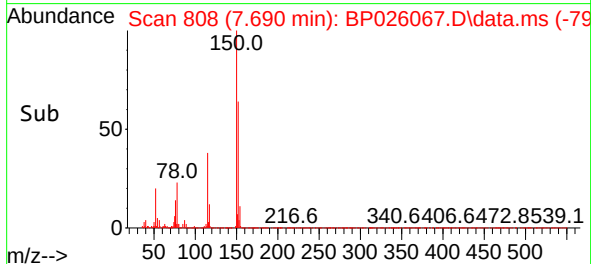
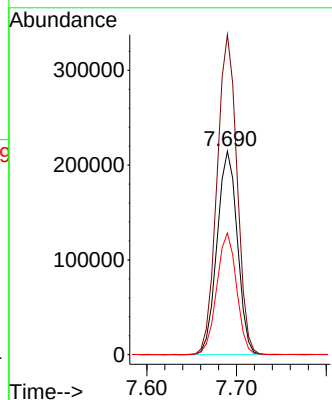
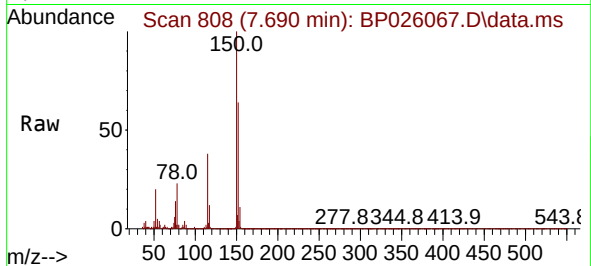




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

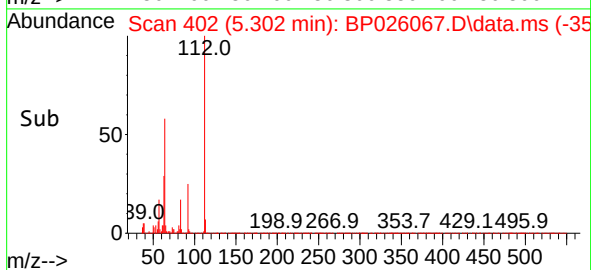
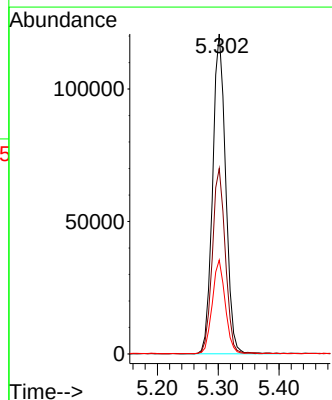
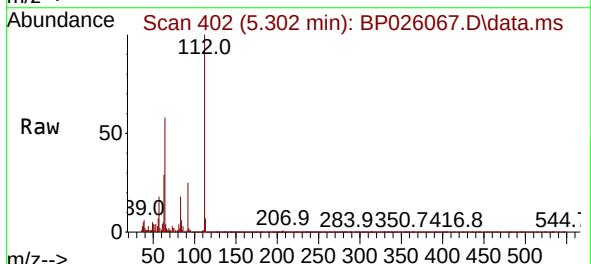
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

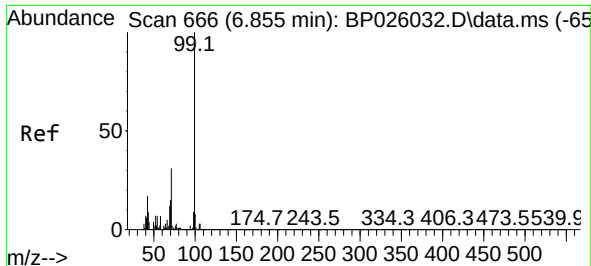
Tgt Ion:152 Resp: 336779
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 59.8 46.4 69.6



#5
2-Fluorophenol
Concen: 8.826 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

Tgt Ion:112 Resp: 180127
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.2
63 29.4 24.2 36.4





#7

Phenol-d6

Concen: 9.213 ng

RT: 6.860 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

Instrument :

BNA_P

ClientSampleId :

EO-02-103125

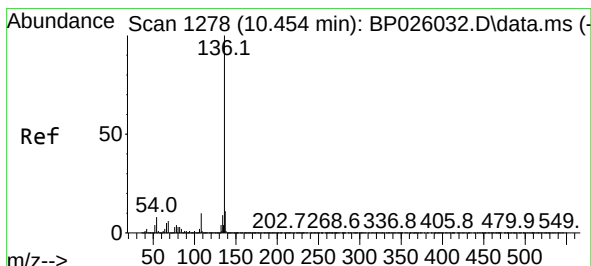
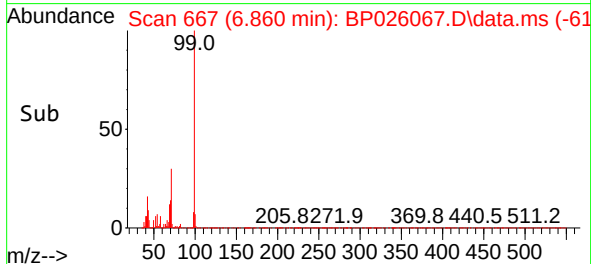
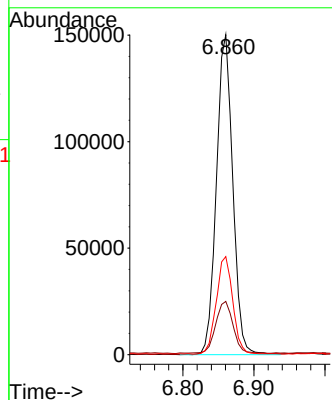
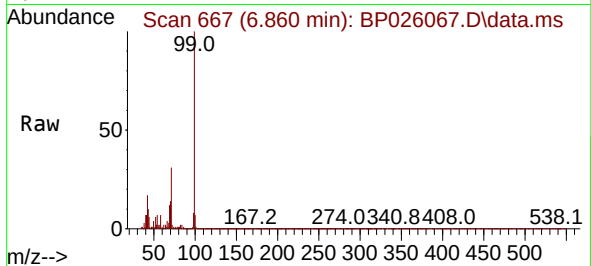
Tgt Ion: 99 Resp: 239323

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 30.7 24.4 36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

Tgt Ion:136 Resp: 1453305

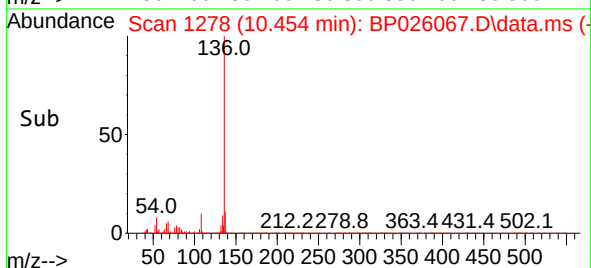
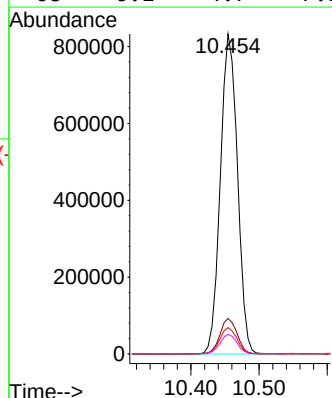
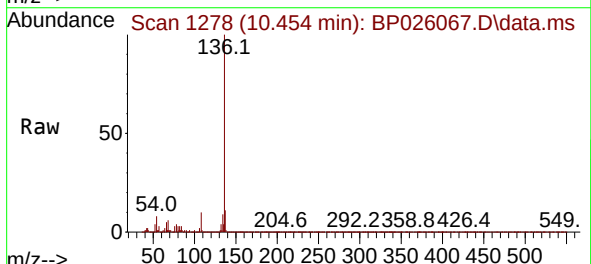
Ion Ratio Lower Upper

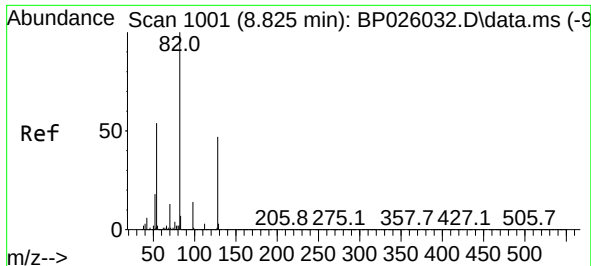
136 100

137 11.1 8.8 13.2

54 8.3 6.6 10.0

68 6.1 4.7 7.1

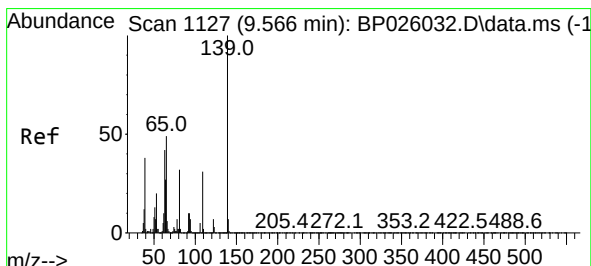
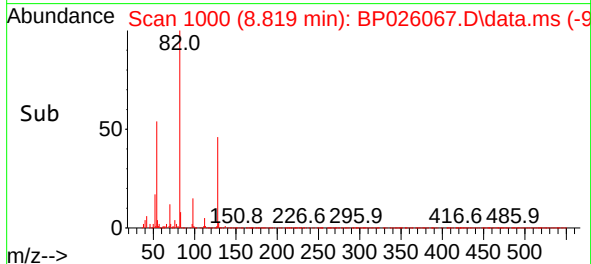
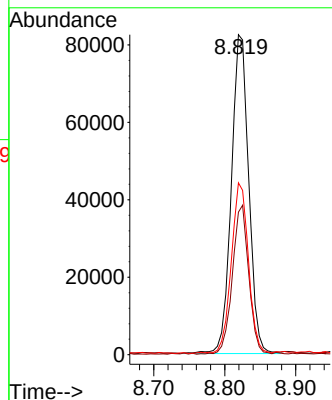
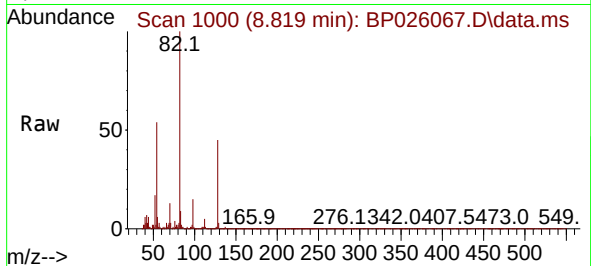




#23
Nitrobenzene-d5
Concen: 6.011 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

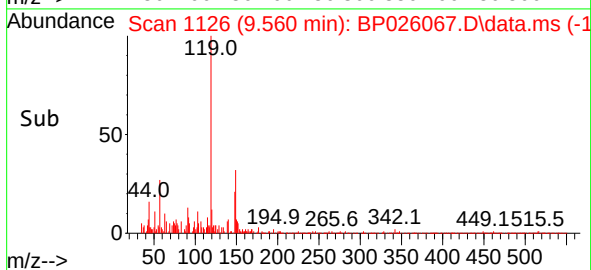
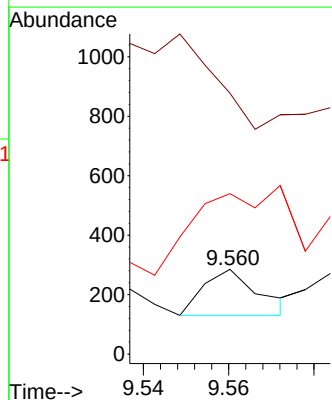
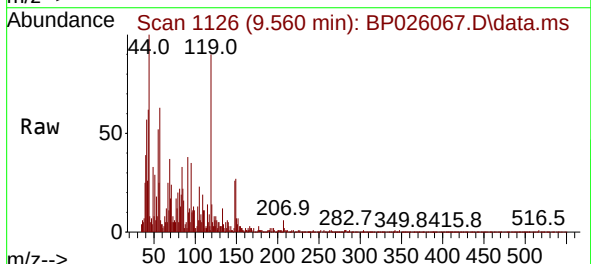
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

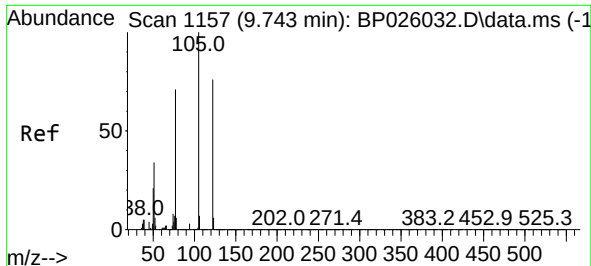
Tgt Ion: 82 Resp: 140141
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.0
54 53.7 42.7 64.1



#26
2-Nitrophenol
Concen: 2.692 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

Tgt Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 308.1 24.8 37.2#
65 189.5 39.0 58.4#

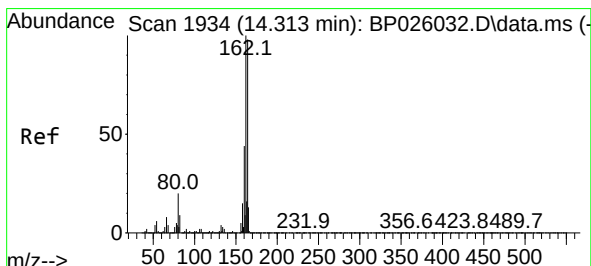
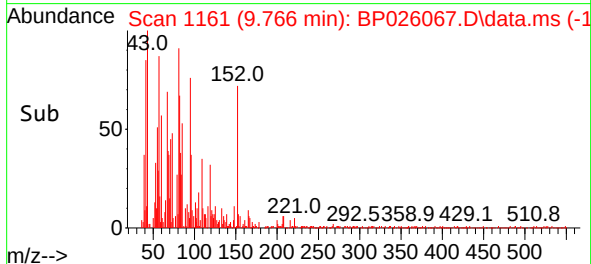
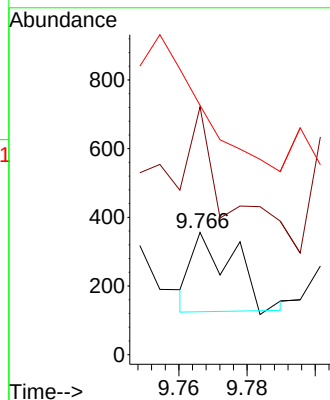
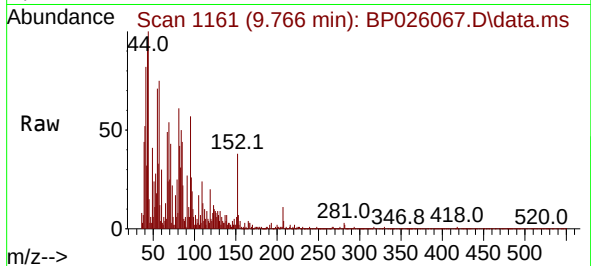




#32
Benzoic acid
Concen: 3.136 ng
RT: 9.766 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

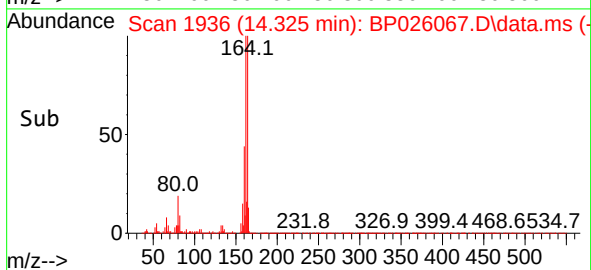
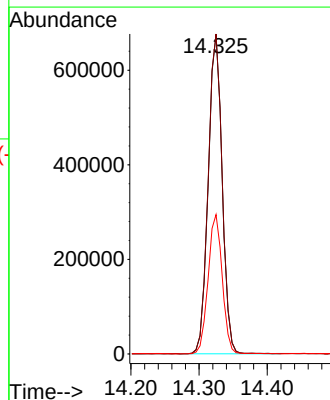
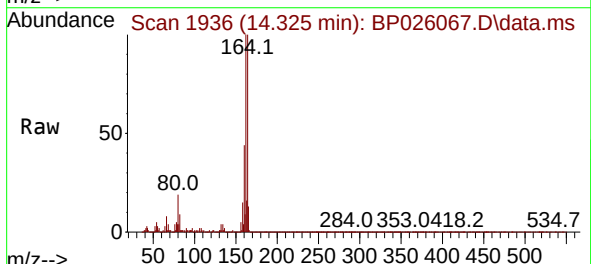
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

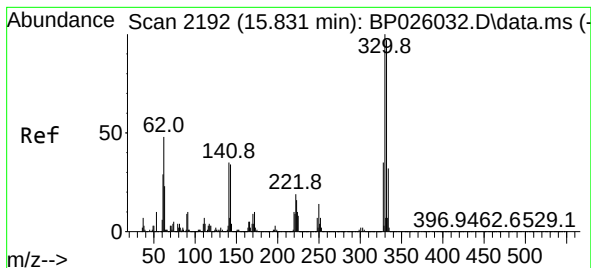
Tgt Ion:122 Resp: 197
Ion Ratio Lower Upper
122 100
105 202.8 104.8 144.8#
77 203.9 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

Tgt Ion:164 Resp: 956089
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 10.470 ng

RT: 15.836 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

Instrument :

BNA_P

ClientSampleId :

EO-02-103125

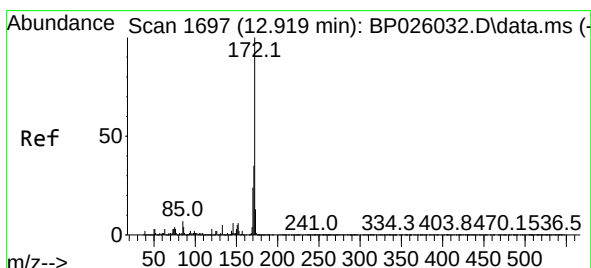
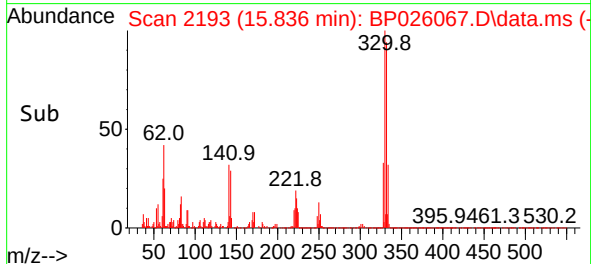
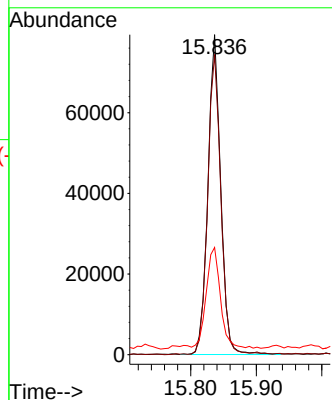
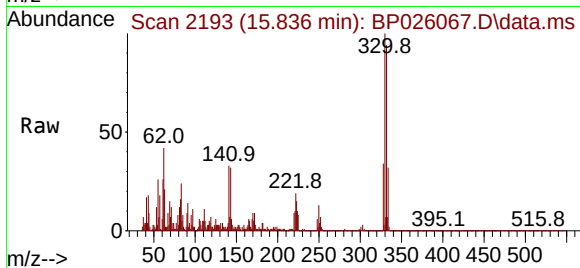
Tgt Ion:330 Resp: 108225

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 35.5 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 5.899 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

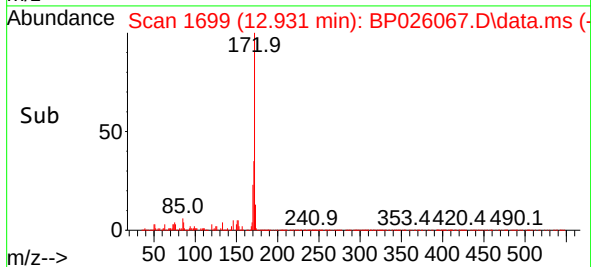
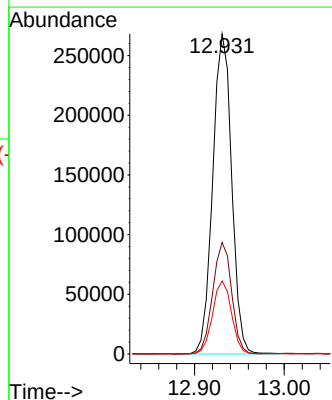
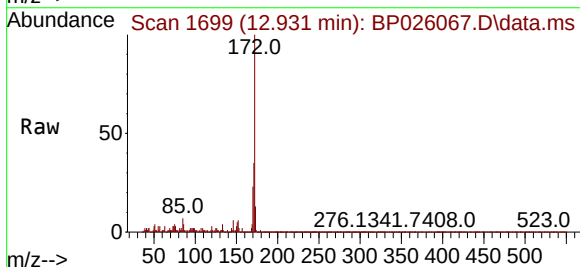
Tgt Ion:172 Resp: 392476

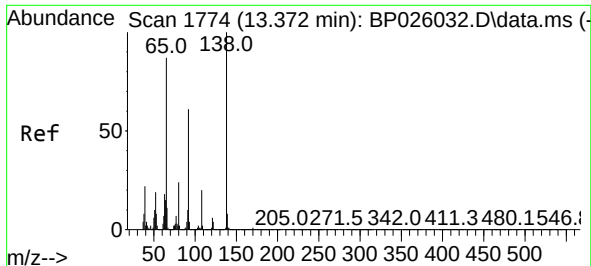
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.8 19.0 28.4

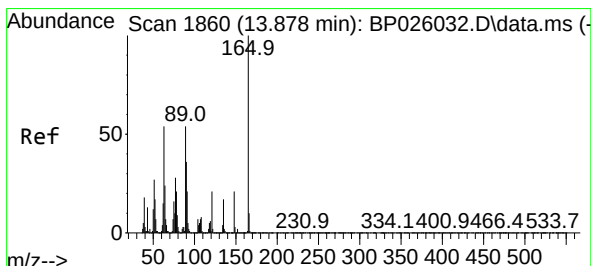
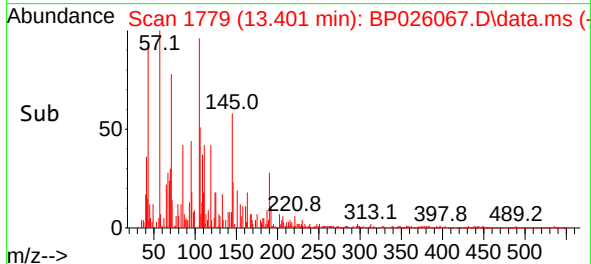
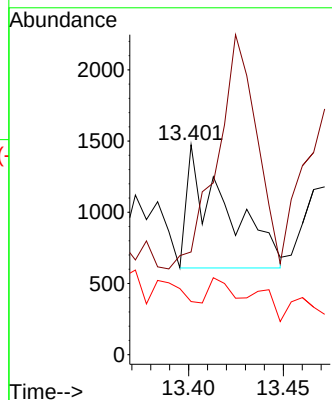
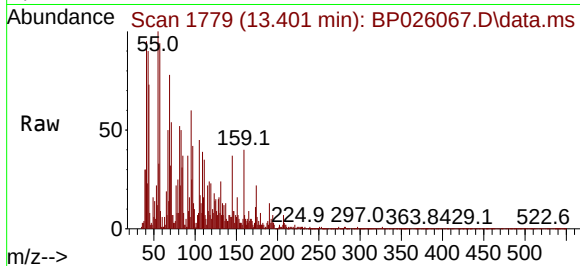




#48
2-Nitroaniline
Concen: 2.988 ng
RT: 13.401 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

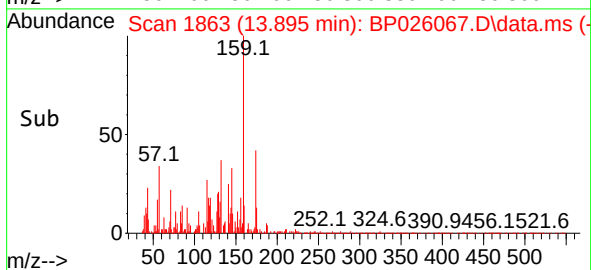
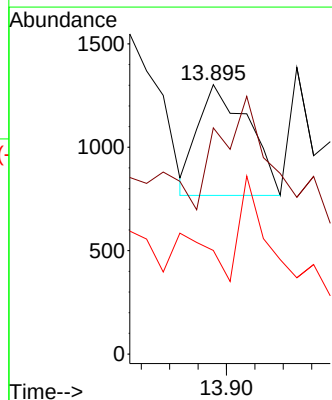
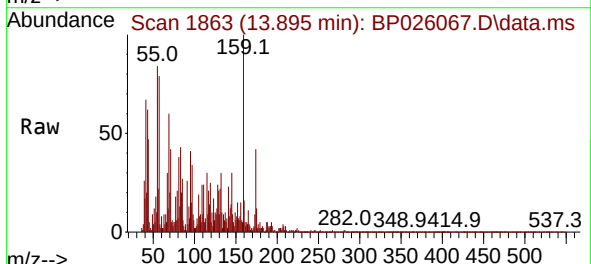
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

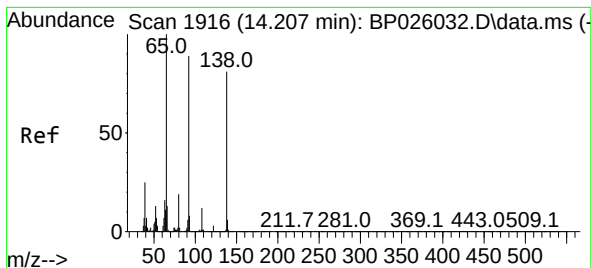
Tgt Ion: 65 Resp: 1233
Ion Ratio Lower Upper
65 100
92 49.0 55.5 83.3#
138 25.3 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.039 ng
RT: 13.895 min Scan# 1863
Delta R.T. 0.017 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

Tgt Ion: 165 Resp: 663
Ion Ratio Lower Upper
165 100
63 84.0 43.0 64.4#
89 38.4 43.0 64.4#





#53

3-Nitroaniline

Concen: 2.665 ng

RT: 14.195 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

Instrument :

BNA_P

ClientSampleId :

EO-02-103125

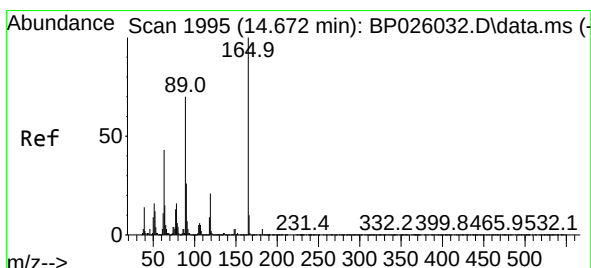
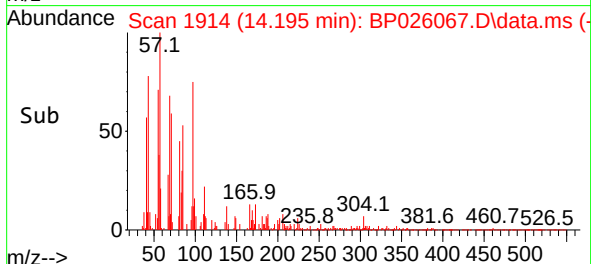
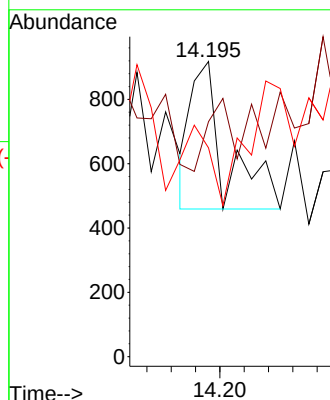
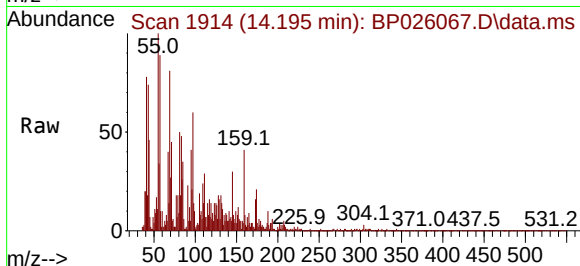
Tgt Ion:138 Resp: 453

Ion Ratio Lower Upper

138 100

108 79.6 11.4 17.0#

92 70.7 87.1 130.7#



#57

2,4-Dinitrotoluene

Concen: 3.118 ng

RT: 14.672 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP026067.D

Acq: 03 Nov 2025 21:01

Tgt Ion:165 Resp: 638

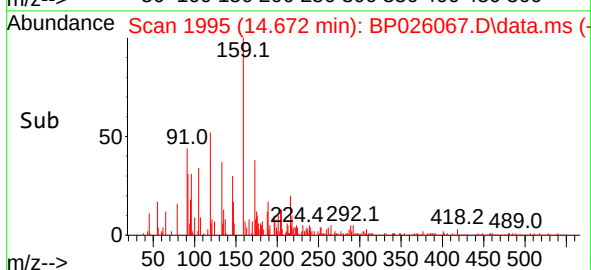
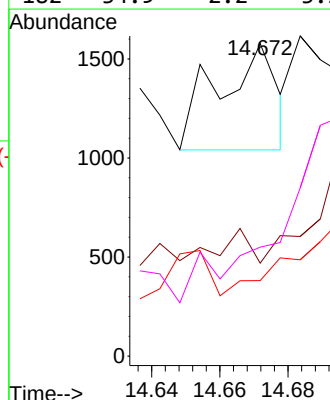
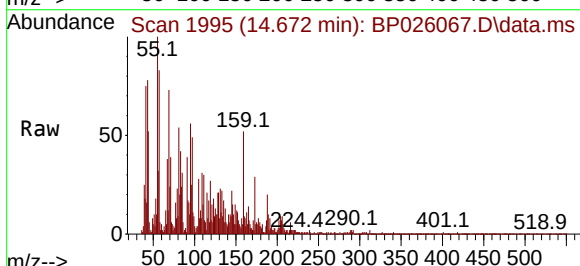
Ion Ratio Lower Upper

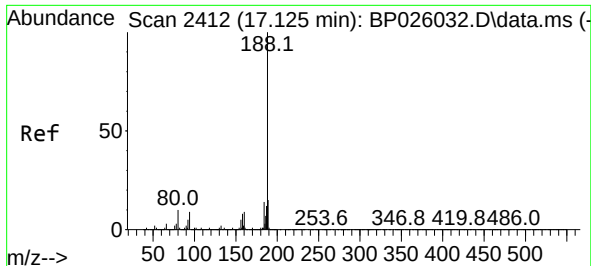
165 100

63 29.7 34.2 51.2#

89 24.2 56.0 84.0#

182 34.9 2.2 3.2#

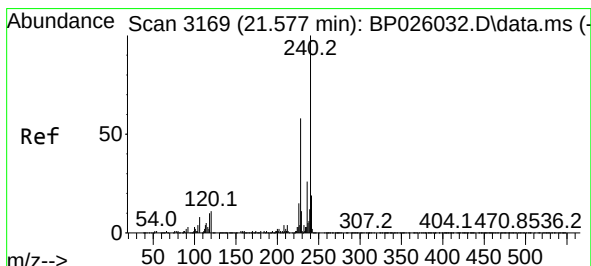
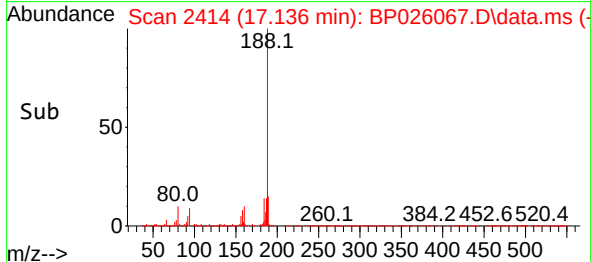
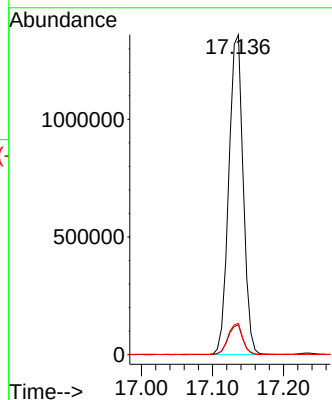
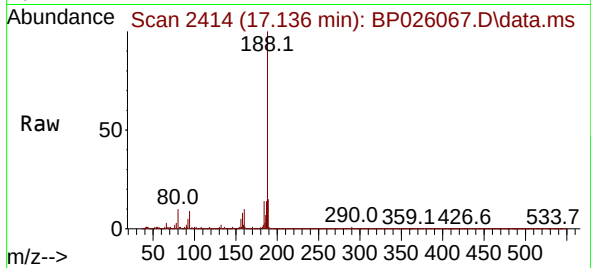




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

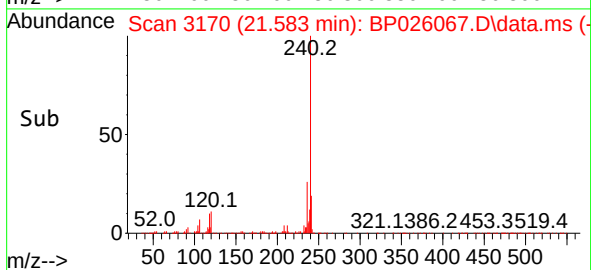
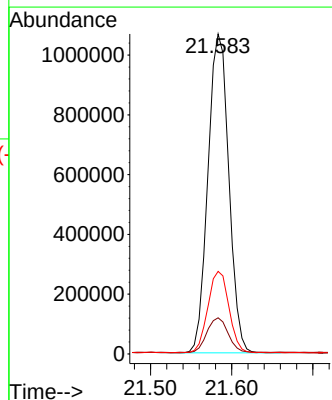
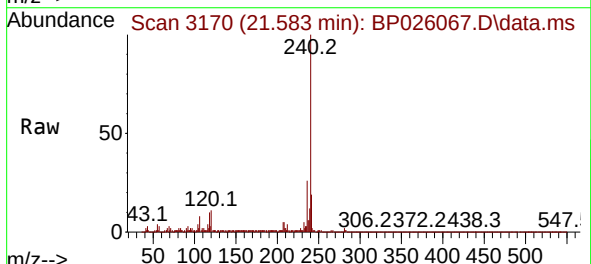
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ClientSampleId :
EO-02-103125

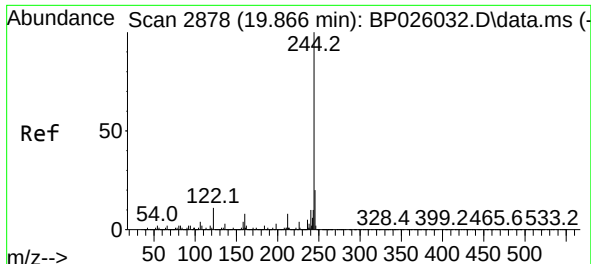
Tgt Ion:188 Resp: 1908393
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026067.D
Acq: 03 Nov 2025 21:01

Tgt Ion:240 Resp: 1905104
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.8 20.6 31.0

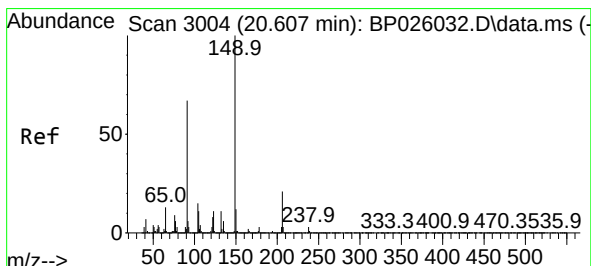
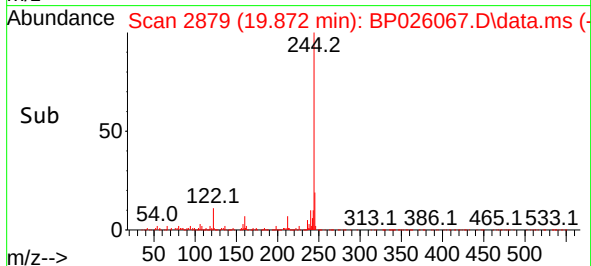
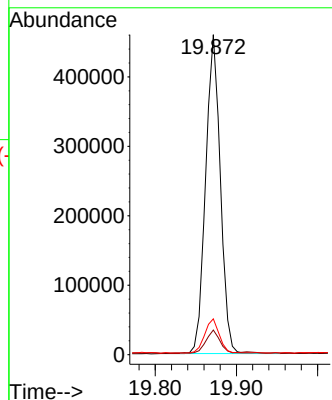
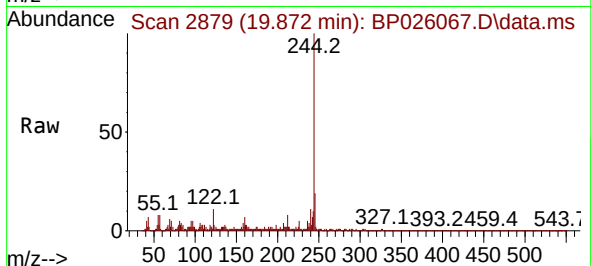




#79
 Terphenyl-d14
 Concen: 6.151 ng
 RT: 19.872 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026067.D
 Acq: 03 Nov 2025 21:01

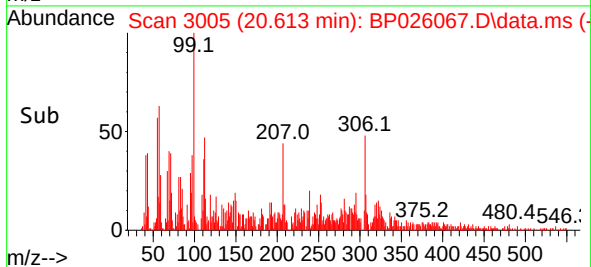
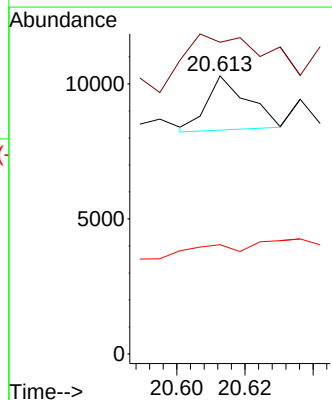
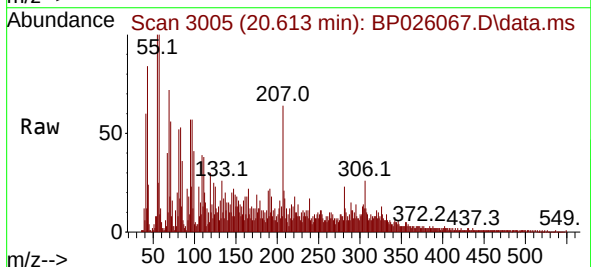
Instrument :
 BNA_P
 ClientSampleId :
 EO-02-103125

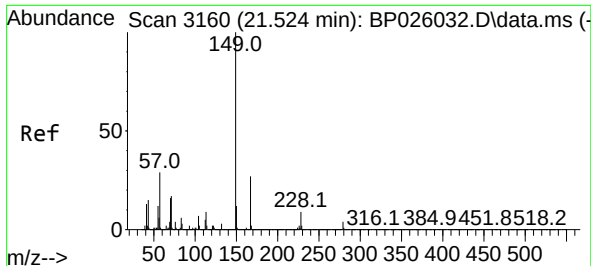
Tgt Ion:244 Resp: 576808
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.2 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.429 ng
 RT: 20.613 min Scan# 3005
 Delta R.T. 0.006 min
 Lab File: BP026067.D
 Acq: 03 Nov 2025 21:01

Tgt Ion:149 Resp: 1672
 Ion Ratio Lower Upper
 149 100
 91 112.1 53.5 80.3#
 206 39.3 16.6 25.0#

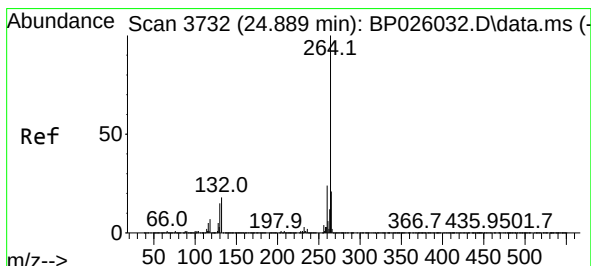
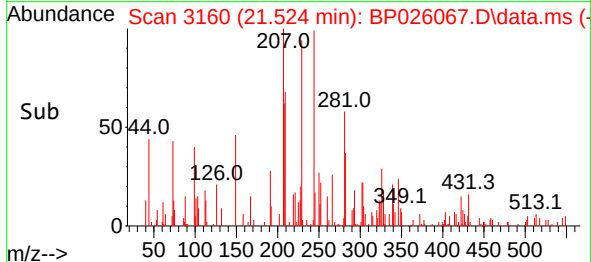
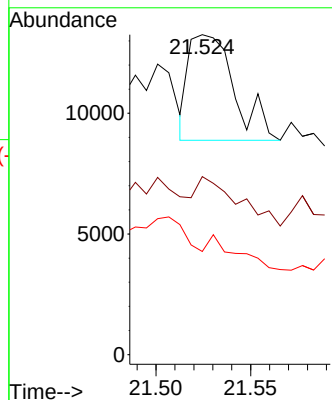
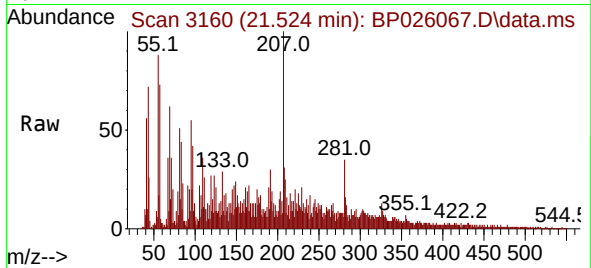




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.688 ng
 RT: 21.524 min Scan# 3160
 Delta R.T. 0.006 min
 Lab File: BP026067.D
 Acq: 03 Nov 2025 21:01

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-103125

Tgt Ion:149 Resp: 7373
 Ion Ratio Lower Upper
 149 100
 167 55.7 21.5 32.3#
 279 32.3 3.0 4.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.918 min Scan# 3737
 Delta R.T. 0.035 min
 Lab File: BP026067.D
 Acq: 03 Nov 2025 21:01

Tgt Ion:264 Resp: 2192632
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.8 17.2 25.8

