

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025087.D
 Acq On : 10 Jul 2025 17:39
 Operator : CG/JU
 Sample : Q2523-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD-070825-2

Quant Time: Jul 10 18:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

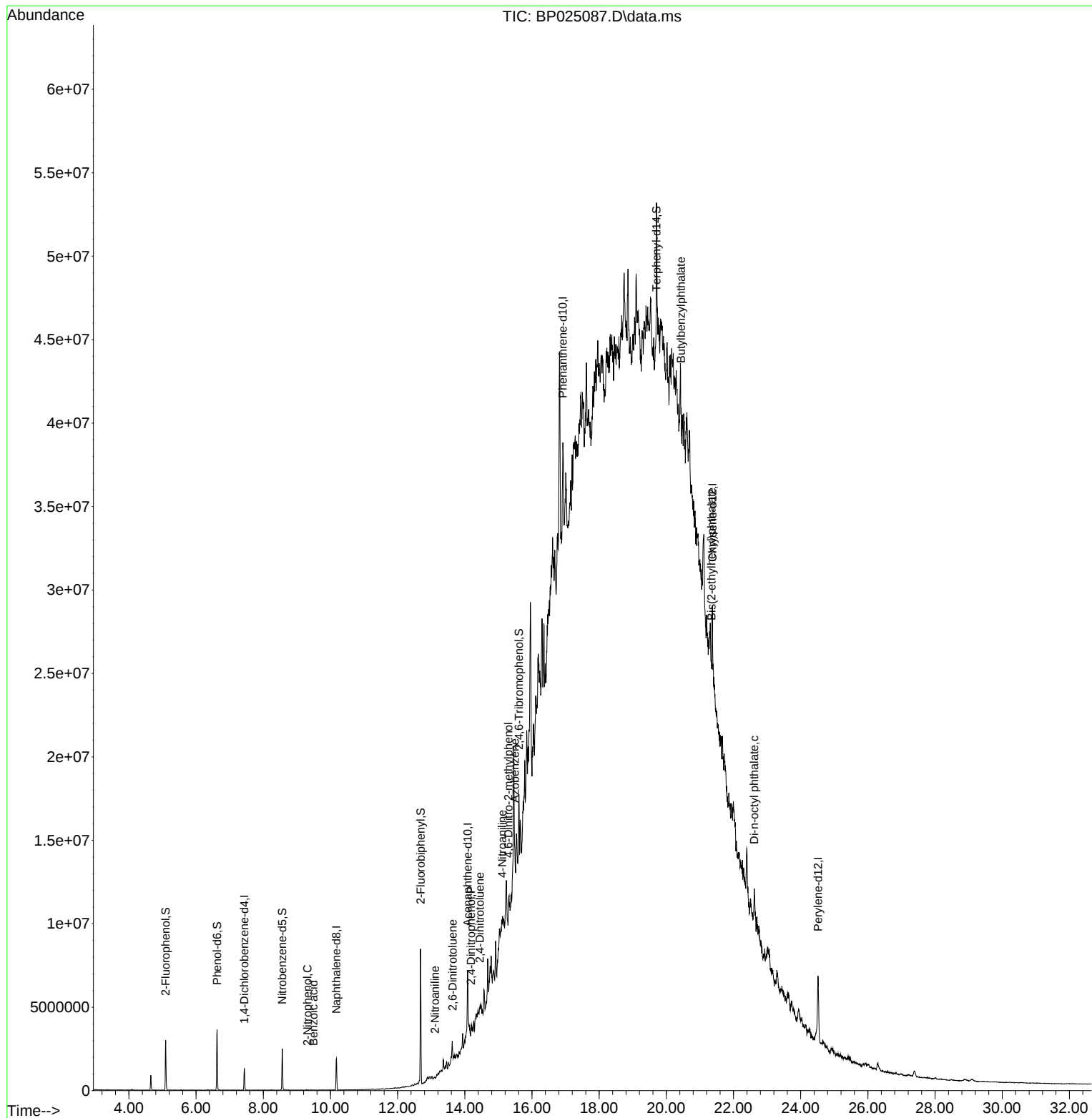
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	367362	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1643234	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1116797	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2038359	20.000	ng	# 0.01
76) Chrysene-d12	21.371	240	3014534	20.000	ng	0.03
86) Perylene-d12	24.518	264	3455908	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1398340	67.444	ng	0.00
7) Phenol-d6	6.625	99	2050199	75.775	ng	0.00
23) Nitrobenzene-d5	8.566	82	1346871	54.511	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	959430	72.722	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	4334601	60.127	ng	-0.01
79) Terphenyl-d14	19.707	244	7260514	52.934	ng	0.04
Target Compounds						Qvalue
26) 2-Nitrophenol	9.319	139	86	3.308	ng	# 1
32) Benzoic acid	9.495	122	112	6.209	ng	# 34
48) 2-Nitroaniline	13.113	65	1343	2.849	ng	# 59
51) 2,6-Dinitrotoluene	13.642	165	31027	2.035	ng	# 34
54) 2,4-Dinitrophenol	14.183	184	245	5.416	ng	# 1
57) 2,4-Dinitrotoluene	14.448	165	22098	3.570	ng	# 37
62) 4-Nitroaniline	15.119	138	46693	2.725	ng	93
63) Azobenzene	15.489	77	245238	3.507	ng	# 7
65) 4,6-Dinitro-2-methylph...	15.301	198	6622	6.210	ng	# 1
80) Butylbenzylphthalate	20.442	149	69902	4.579	ng	# 46
84) Bis(2-ethylhexyl)phtha...	21.348	149	286544	2.924	ng	# 74
85) Di-n-octyl phthalate	22.618	149	180377	6.975	ng	# 1

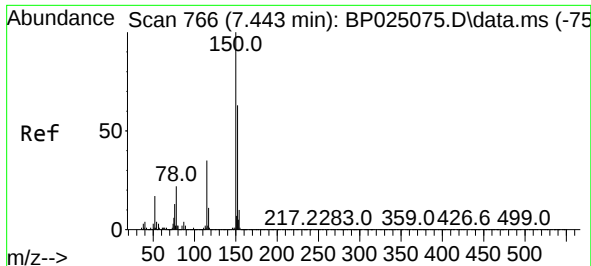
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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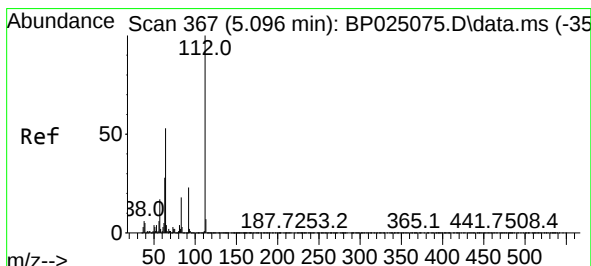
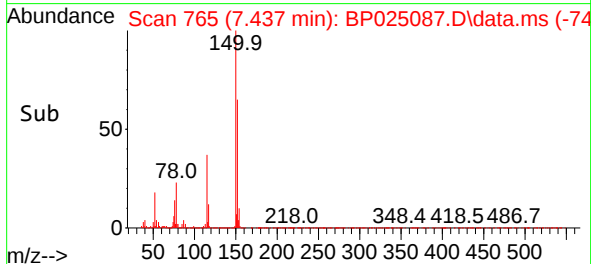
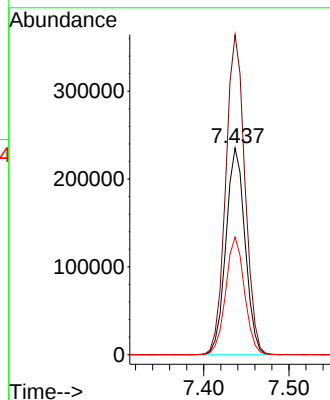
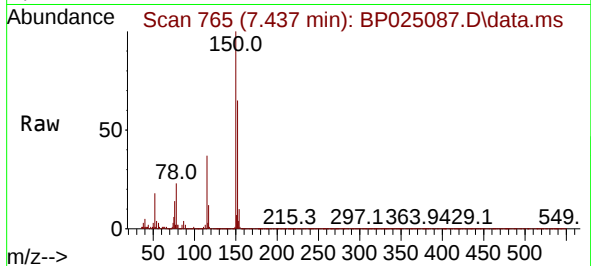




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

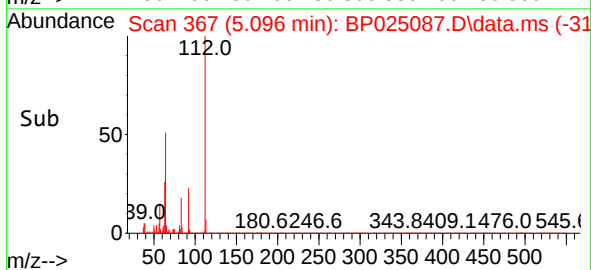
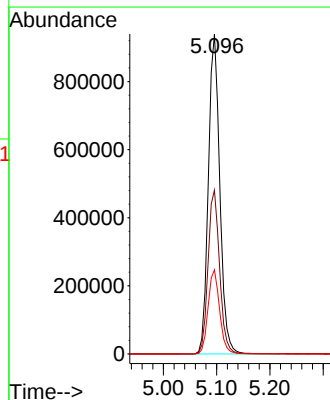
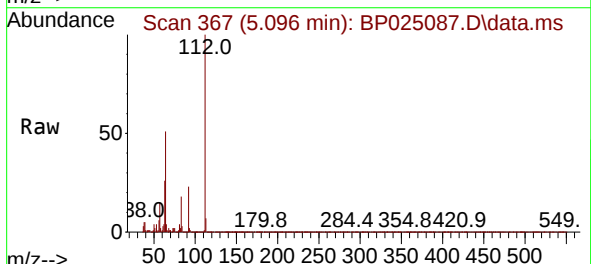
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

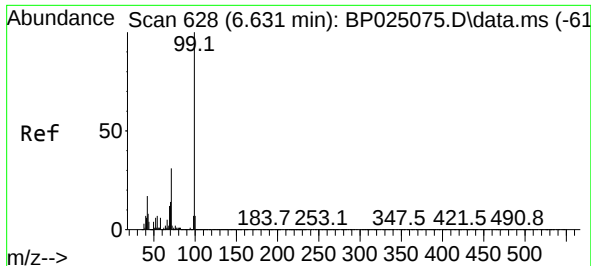
Tgt Ion:152 Resp: 367362
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 56.8 44.3 66.5



#5
2-Fluorophenol
Concen: 67.444 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:112 Resp: 1398340
Ion Ratio Lower Upper
112 100
64 51.2 42.0 63.0
63 26.3 22.2 33.2



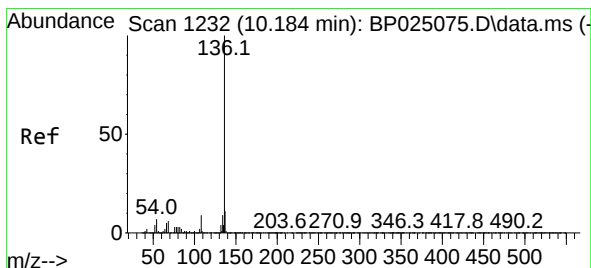
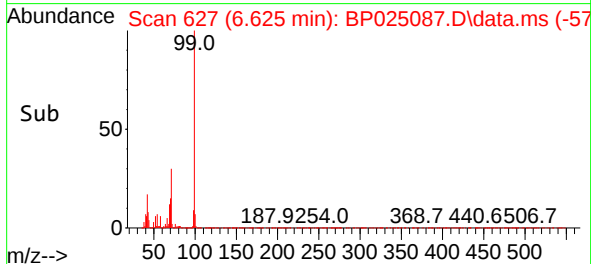
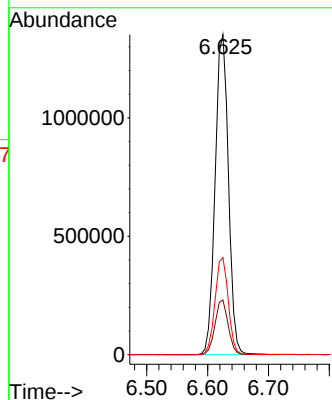
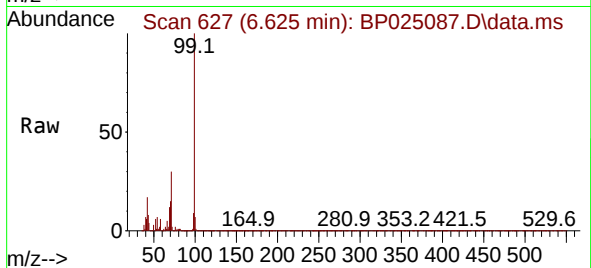


#7
Phenol-d6
Concen: 75.775 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

Tgt Ion: 99 Resp: 2050199

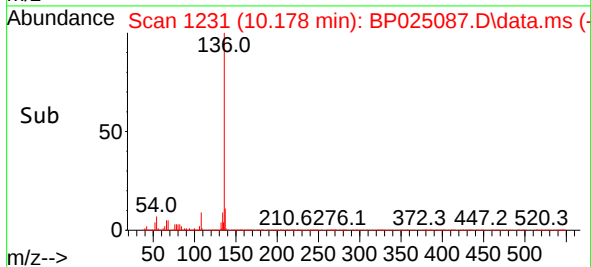
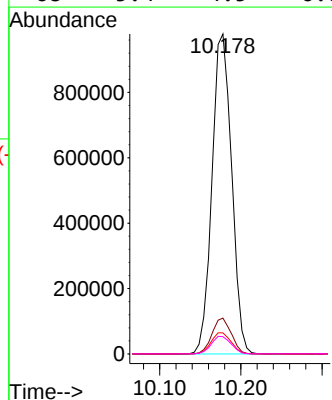
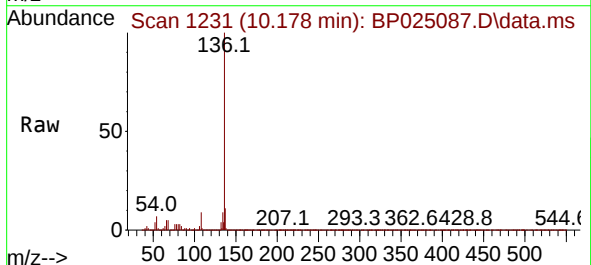
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	30.4	24.4	36.6

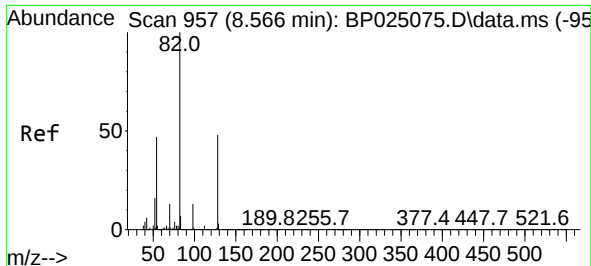


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion: 136 Resp: 1643234

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.4	8.2
68	5.4	4.5	6.7

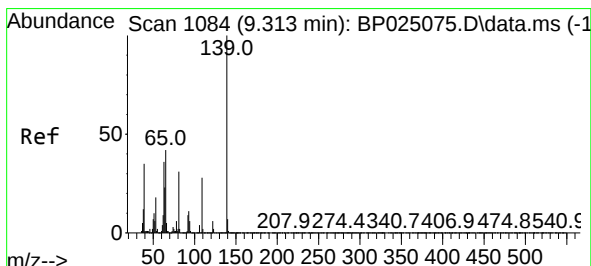
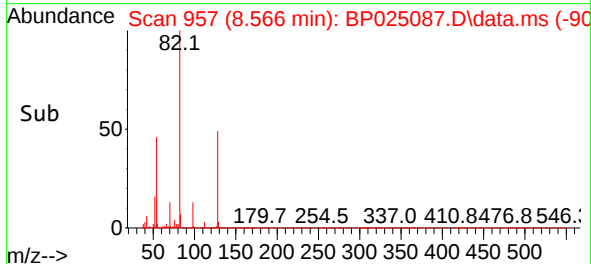
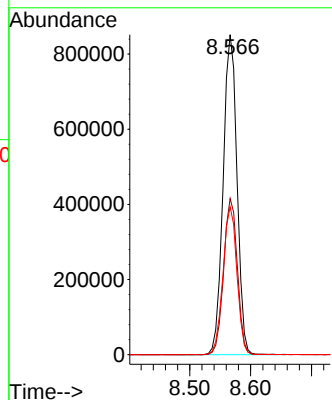
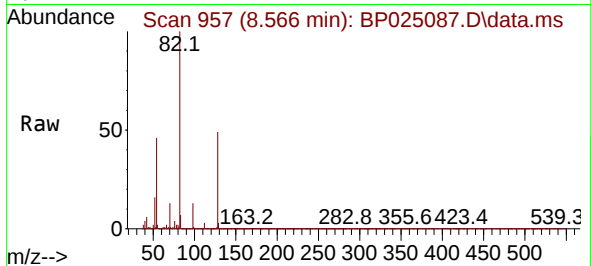




#23
Nitrobenzene-d5
Concen: 54.511 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

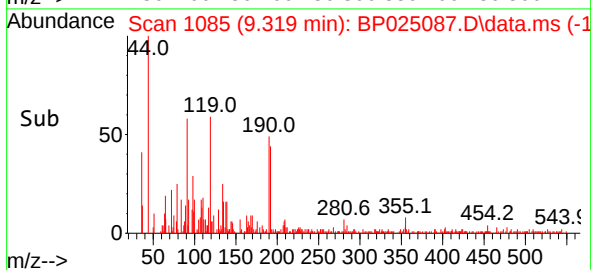
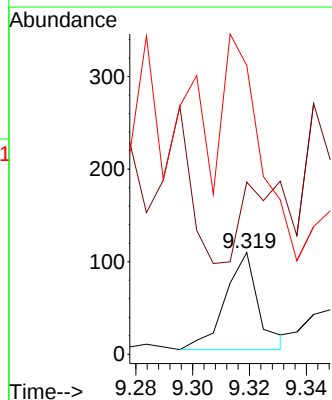
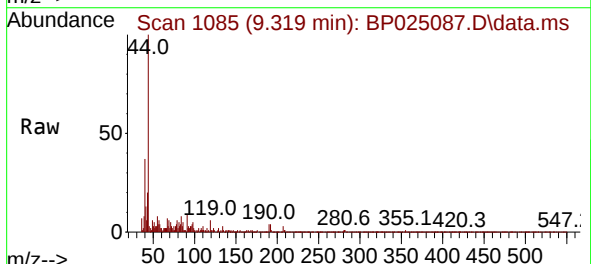
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

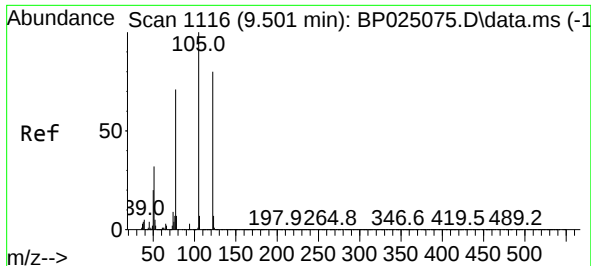
Tgt Ion: 82 Resp: 1346871
Ion Ratio Lower Upper
82 100
128 48.8 38.4 57.6
54 46.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.308 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 169.1 22.3 33.5#
65 283.6 33.8 50.8#

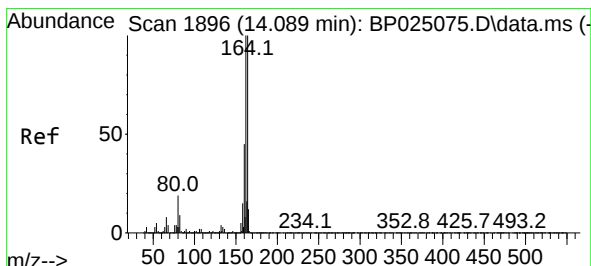
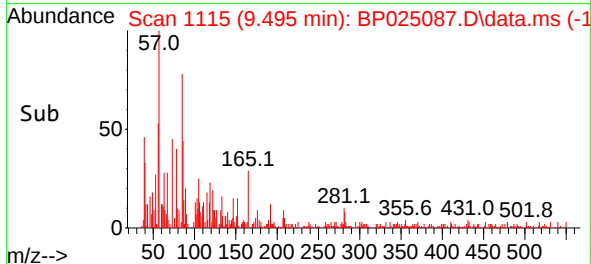
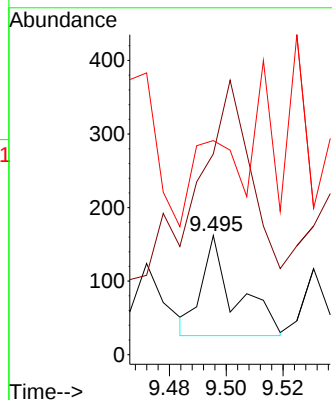
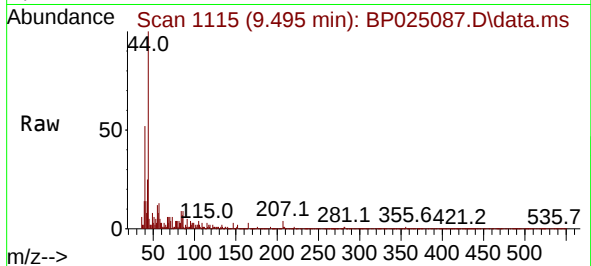




#32
Benzoic acid
Concen: 6.209 ng
RT: 9.495 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

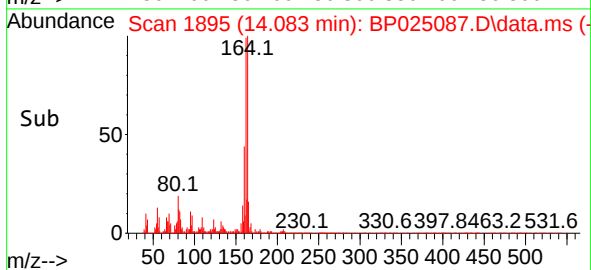
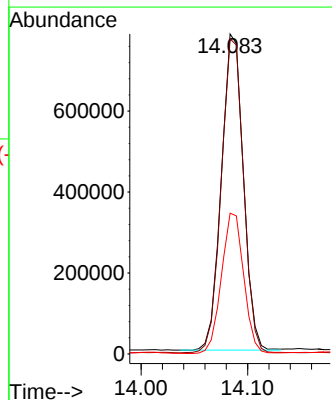
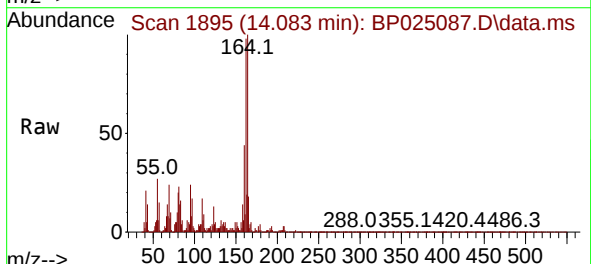
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ClientSampleId :
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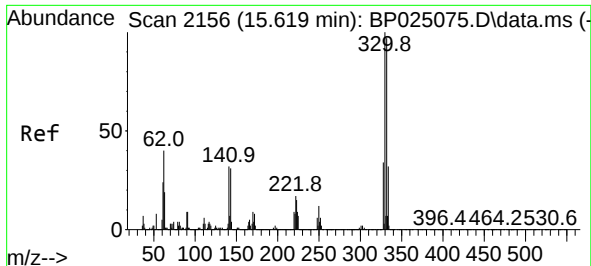
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 168.5 101.0 141.0#
77 179.6 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:164 Resp: 1116797
Ion Ratio Lower Upper
164 100
162 98.5 80.3 120.5
160 44.0 35.9 53.9

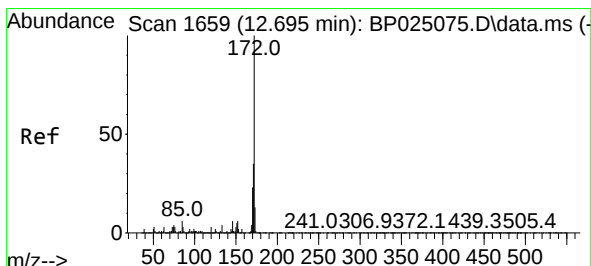
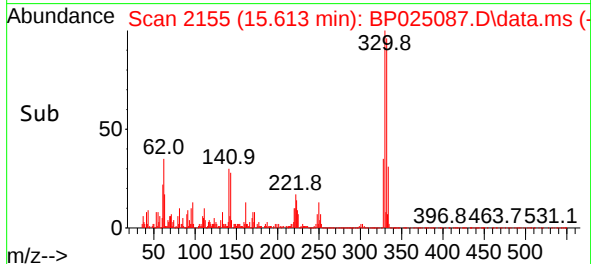
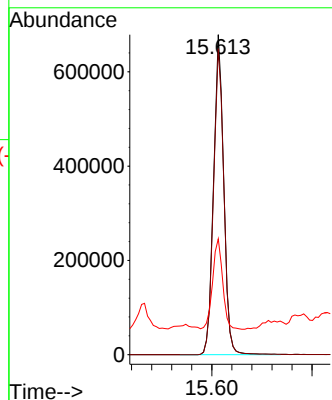
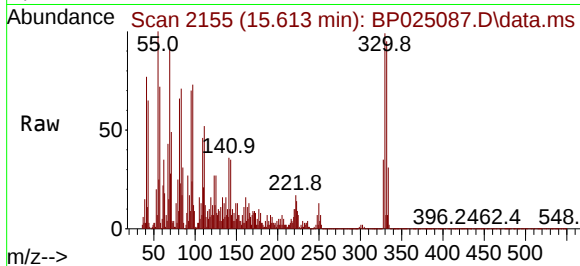




#42
2,4,6-Tribromophenol
Concen: 72.722 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

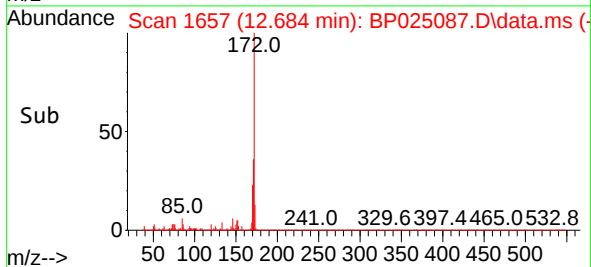
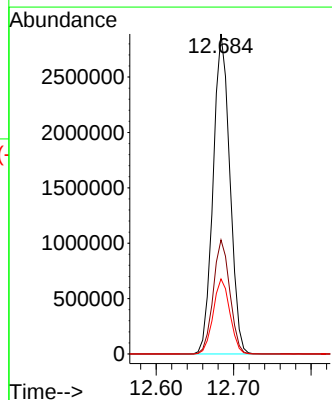
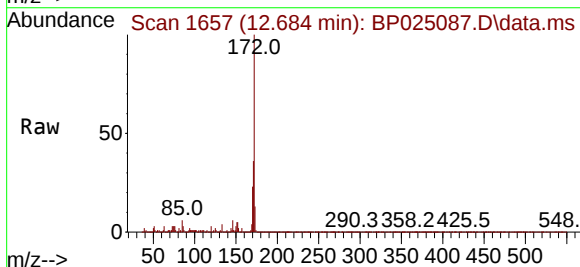
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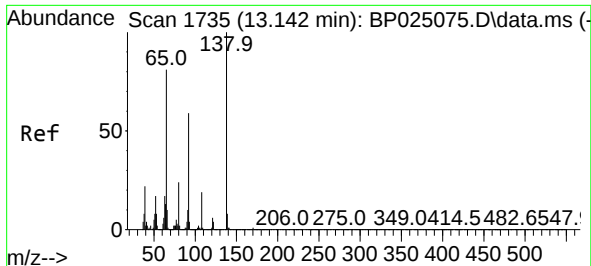
Tgt Ion: 330 Resp: 959430
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 27.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 60.127 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion: 172 Resp: 4334601
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.7 28.1

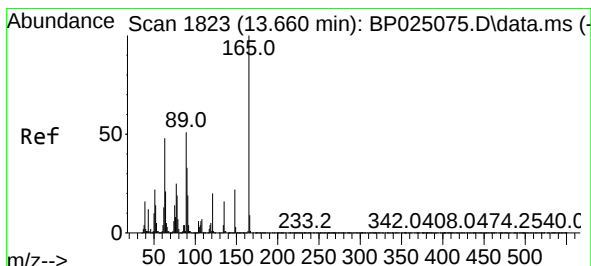
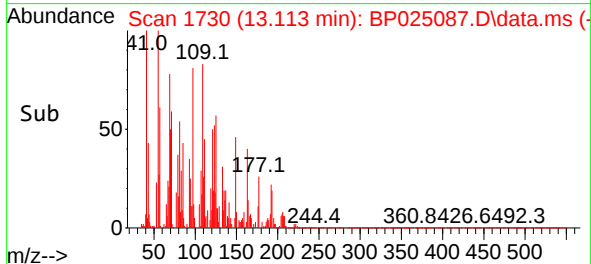
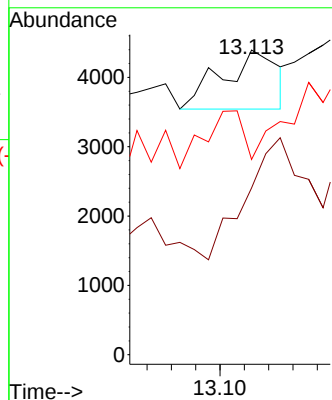
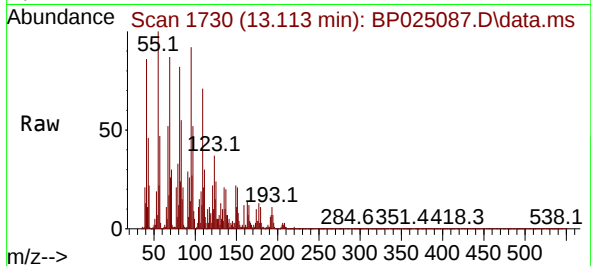




#48
2-Nitroaniline
Concen: 2.849 ng
RT: 13.113 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

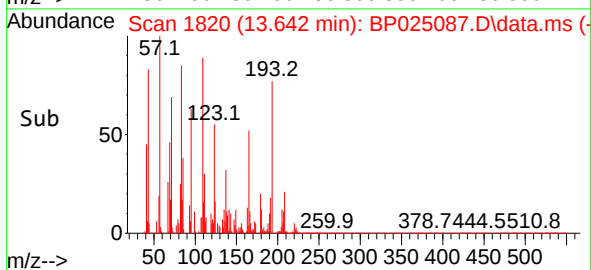
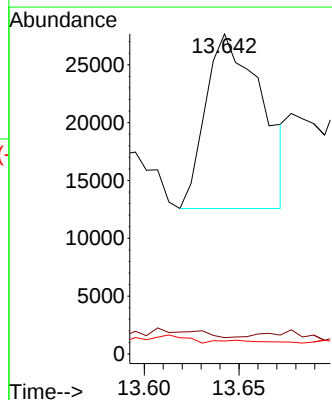
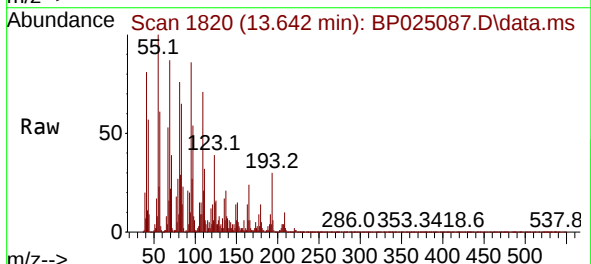
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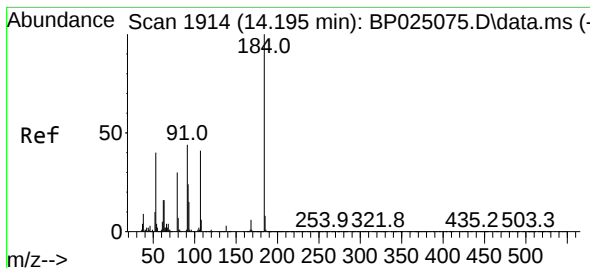
Tgt Ion: 65 Resp: 1343
Ion Ratio Lower Upper
65 100
92 54.8 58.7 88.1#
138 64.1 99.0 148.4#



#51
2,6-Dinitrotoluene
Concen: 2.035 ng
RT: 13.642 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion: 165 Resp: 31027
Ion Ratio Lower Upper
165 100
63 5.1 38.5 57.7#
89 4.0 40.6 61.0#

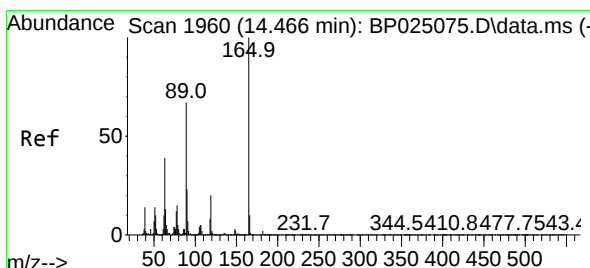
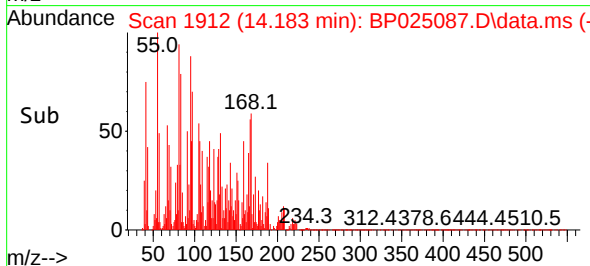
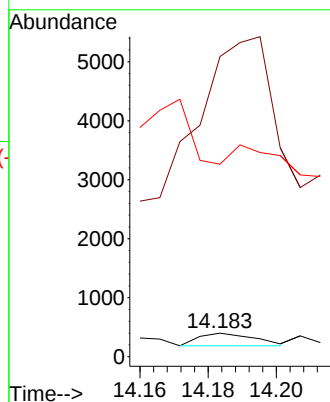
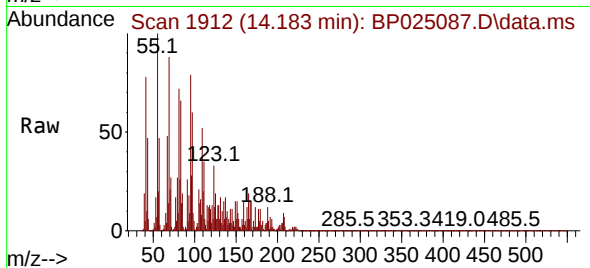




#54
2,4-Dinitrophenol
Concen: 5.416 ng
RT: 14.183 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

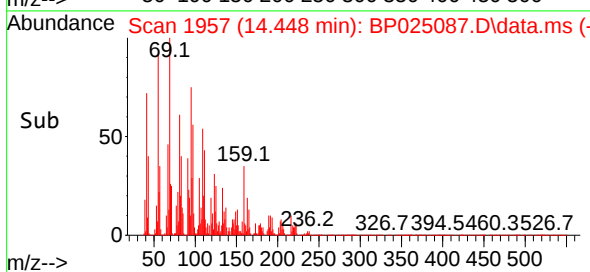
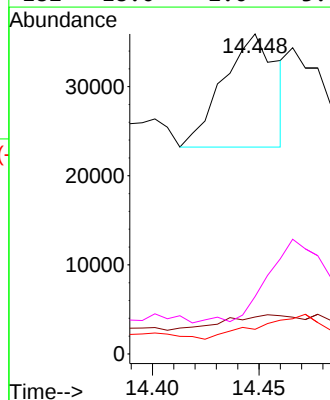
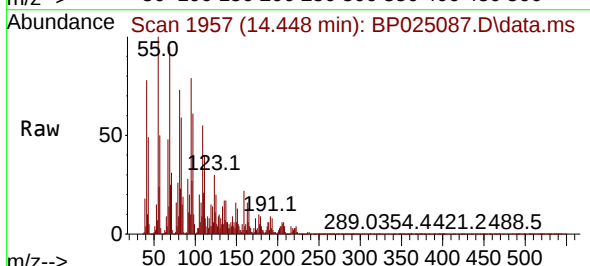
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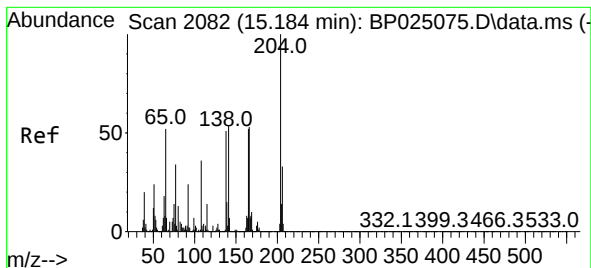
Tgt Ion:184 Resp: 245
Ion Ratio Lower Upper
184 100
63 1272.5 47.4 71.0#
154 816.3 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 3.570 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:165 Resp: 22098
Ion Ratio Lower Upper
165 100
63 11.5 31.0 46.4#
89 7.7 53.4 80.0#
182 18.0 2.0 3.0#

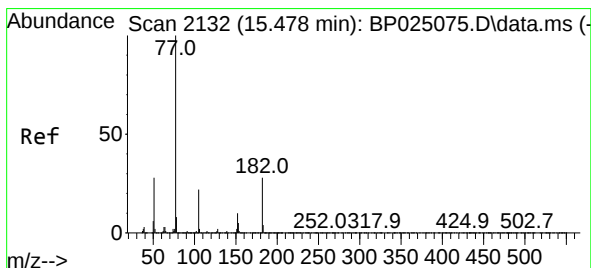
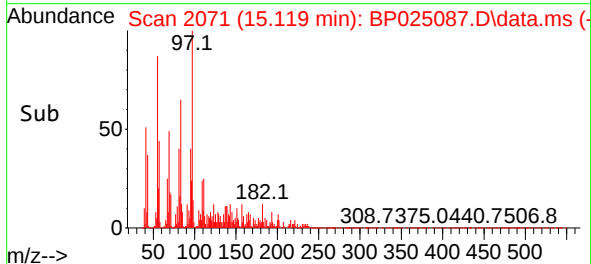
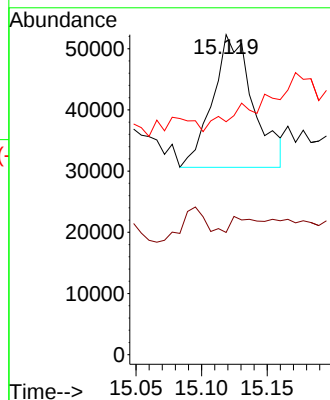
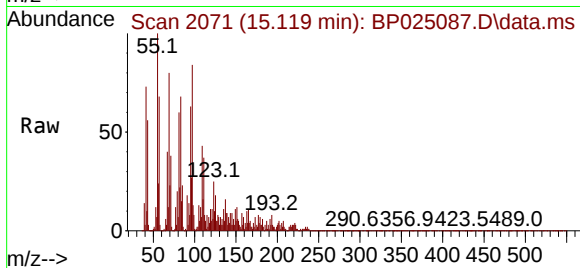




#62
4-Nitroaniline
Concen: 2.725 ng
RT: 15.119 min Scan# 2082
Delta R.T. -0.065 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

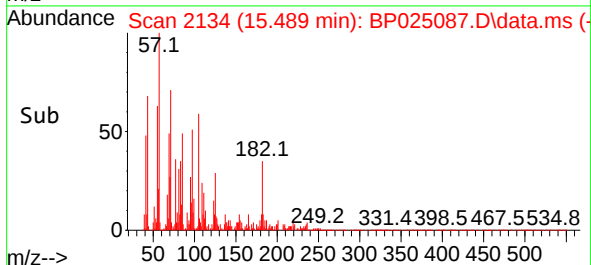
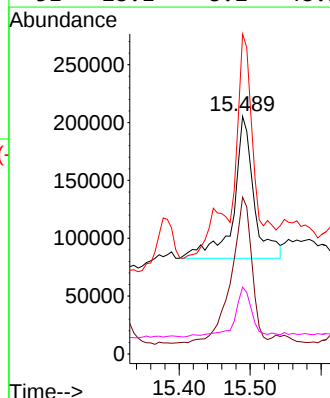
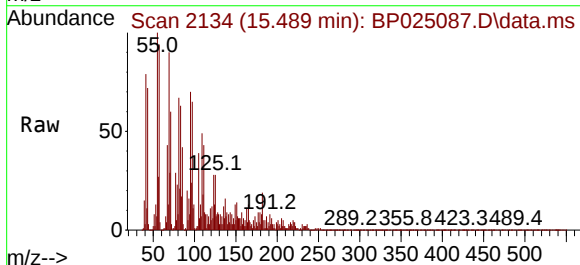
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

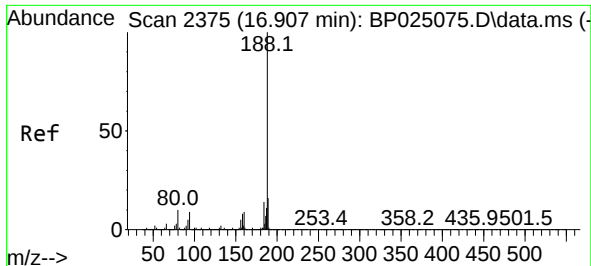
Tgt Ion:138 Resp: 46693
Ion Ratio Lower Upper
138 100
92 38.2 26.0 66.0
108 72.8 50.0 90.0



#63
Azobenzene
Concen: 3.507 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion: 77 Resp: 245238
Ion Ratio Lower Upper
77 100
182 66.0 7.7 47.7#
105 134.7 1.9 41.9#
51 28.1 8.2 48.2

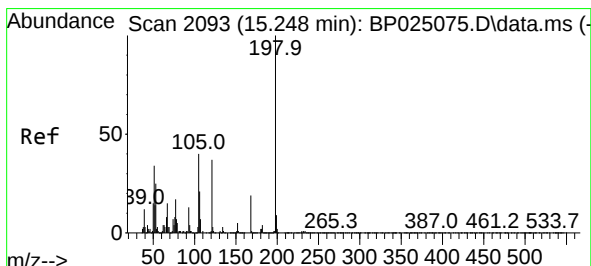
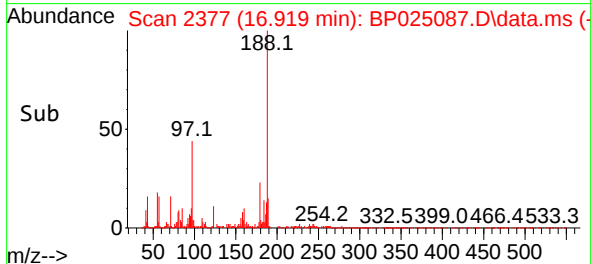
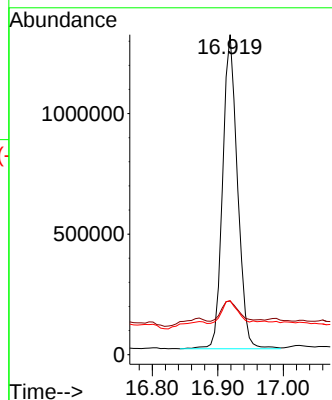
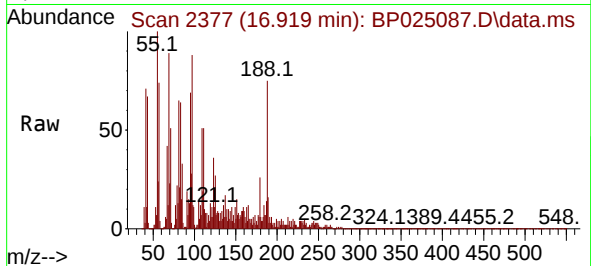




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2102
Delta R.T. 0.012 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

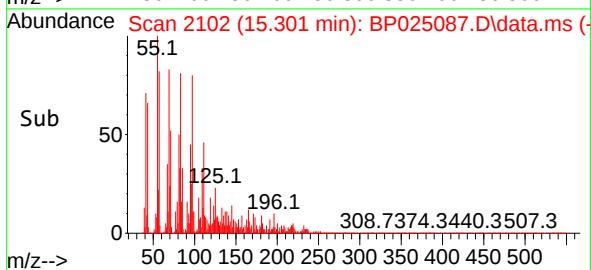
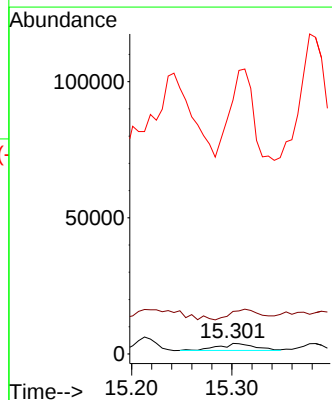
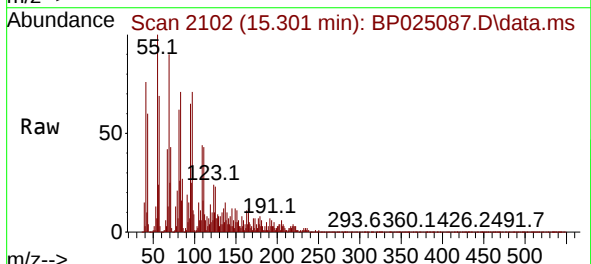
Instrument :
BNA_P
ClientSampleId :
PAD-070825-2

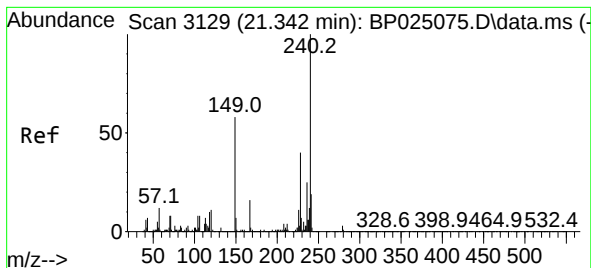
Tgt Ion:188 Resp: 2038359
Ion Ratio Lower Upper
188 100
94 16.8 7.3 10.9#
80 16.9 7.8 11.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.210 ng
RT: 15.301 min Scan# 2102
Delta R.T. 0.053 min
Lab File: BP025087.D
Acq: 10 Jul 2025 17:39

Tgt Ion:198 Resp: 6622
Ion Ratio Lower Upper
198 100
51 402.3 16.8 56.8#
105 2397.7 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.371 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Instrument :

BNA_P

ClientSampleId :

PAD-070825-2

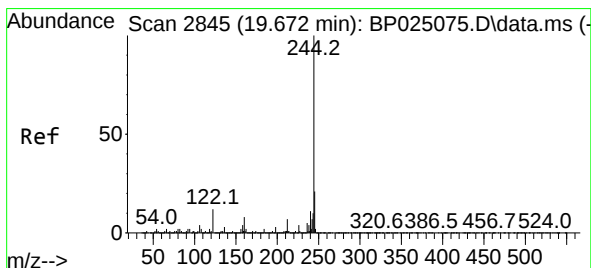
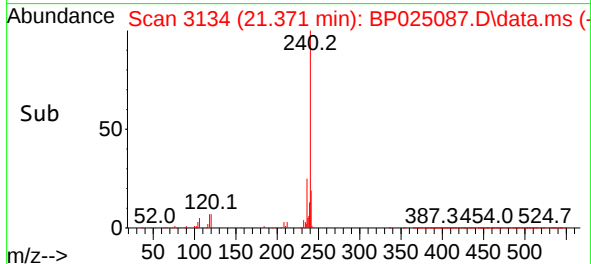
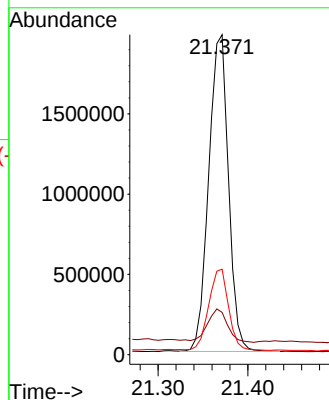
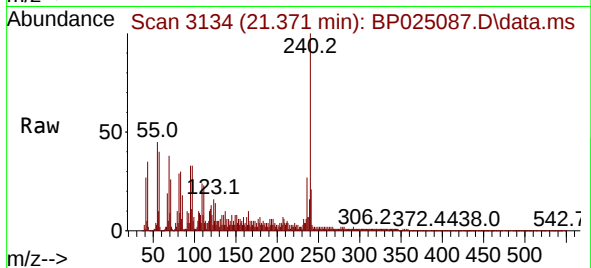
Tgt Ion:240 Resp: 3014534

Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 26.7 20.3 30.5



#79

Terphenyl-d14

Concen: 52.934 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.035 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

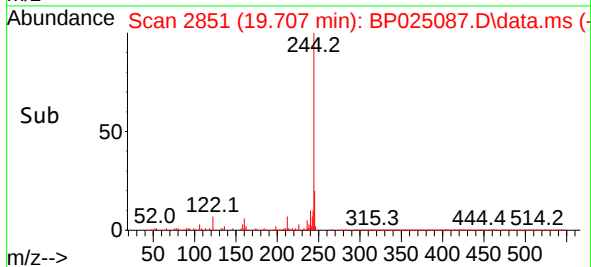
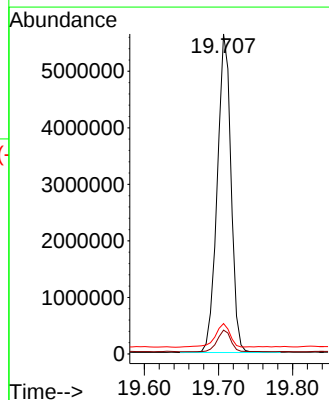
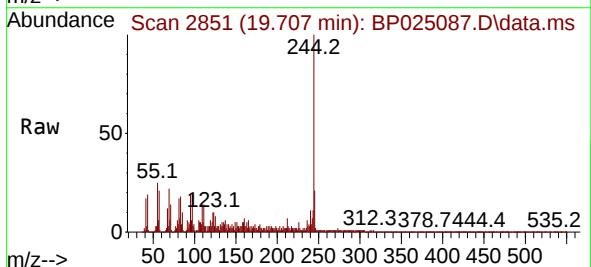
Tgt Ion:244 Resp: 7260514

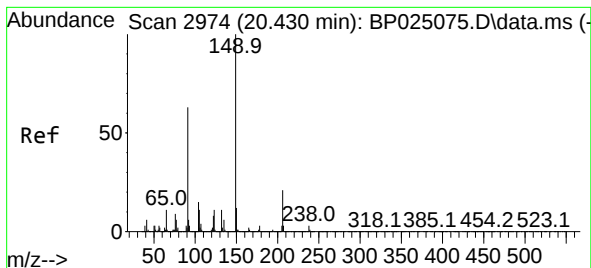
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.5 9.4 14.2





#80

Butylbenzylphthalate

Concen: 4.579 ng

RT: 20.442 min Scan# 20

Delta R.T. 0.012 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Instrument :

BNA_P

ClientSampleId :

PAD-070825-2

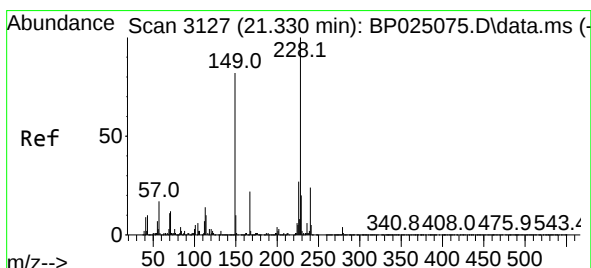
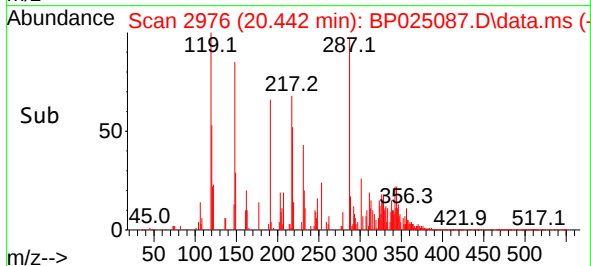
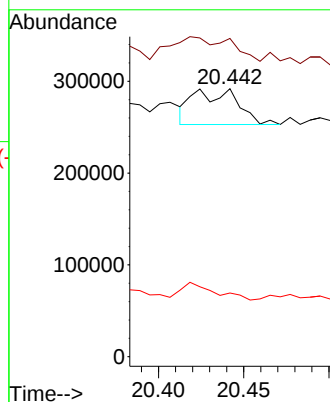
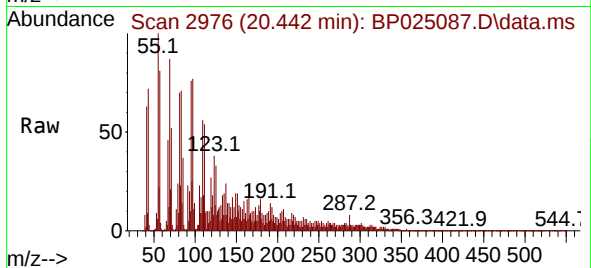
Tgt Ion:149 Resp: 69902

Ion Ratio Lower Upper

149 100

91 118.7 50.6 76.0#

206 23.7 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.924 ng

RT: 21.348 min Scan# 3130

Delta R.T. 0.018 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

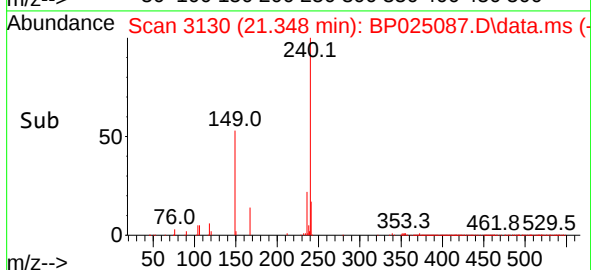
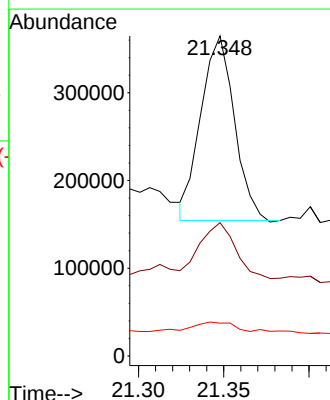
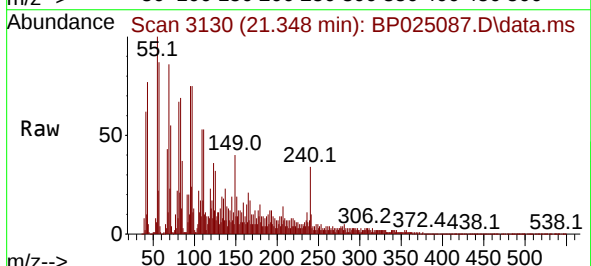
Tgt Ion:149 Resp: 286544

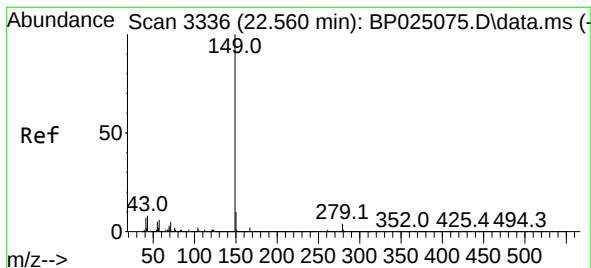
Ion Ratio Lower Upper

149 100

167 41.6 21.9 32.9#

279 10.3 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 6.975 ng

RT: 22.618 min Scan# 31

Delta R.T. 0.058 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Instrument :

BNA_P

ClientSampleId :

PAD-070825-2

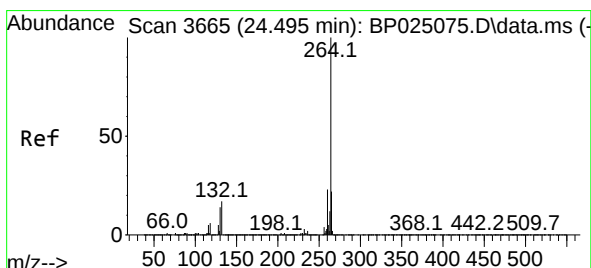
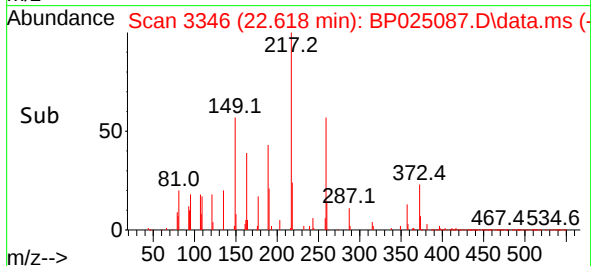
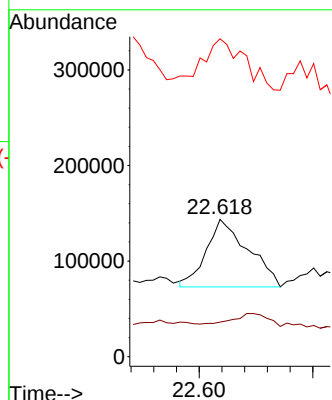
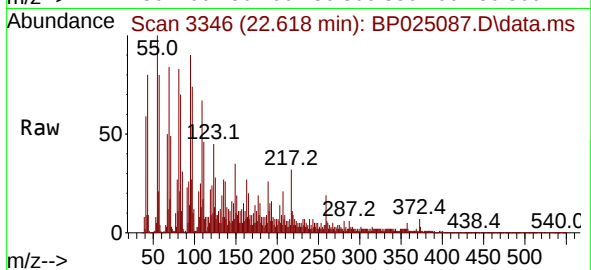
Tgt Ion:149 Resp: 180377

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 71.3 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3669

Delta R.T. 0.023 min

Lab File: BP025087.D

Acq: 10 Jul 2025 17:39

Tgt Ion:264 Resp: 3455908

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.1 17.7 26.5

