

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025083.D
 Acq On : 10 Jul 2025 14:48
 Operator : CG/JU
 Sample : PB168767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168767BL

Quant Time: Jul 10 15:21:46 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)

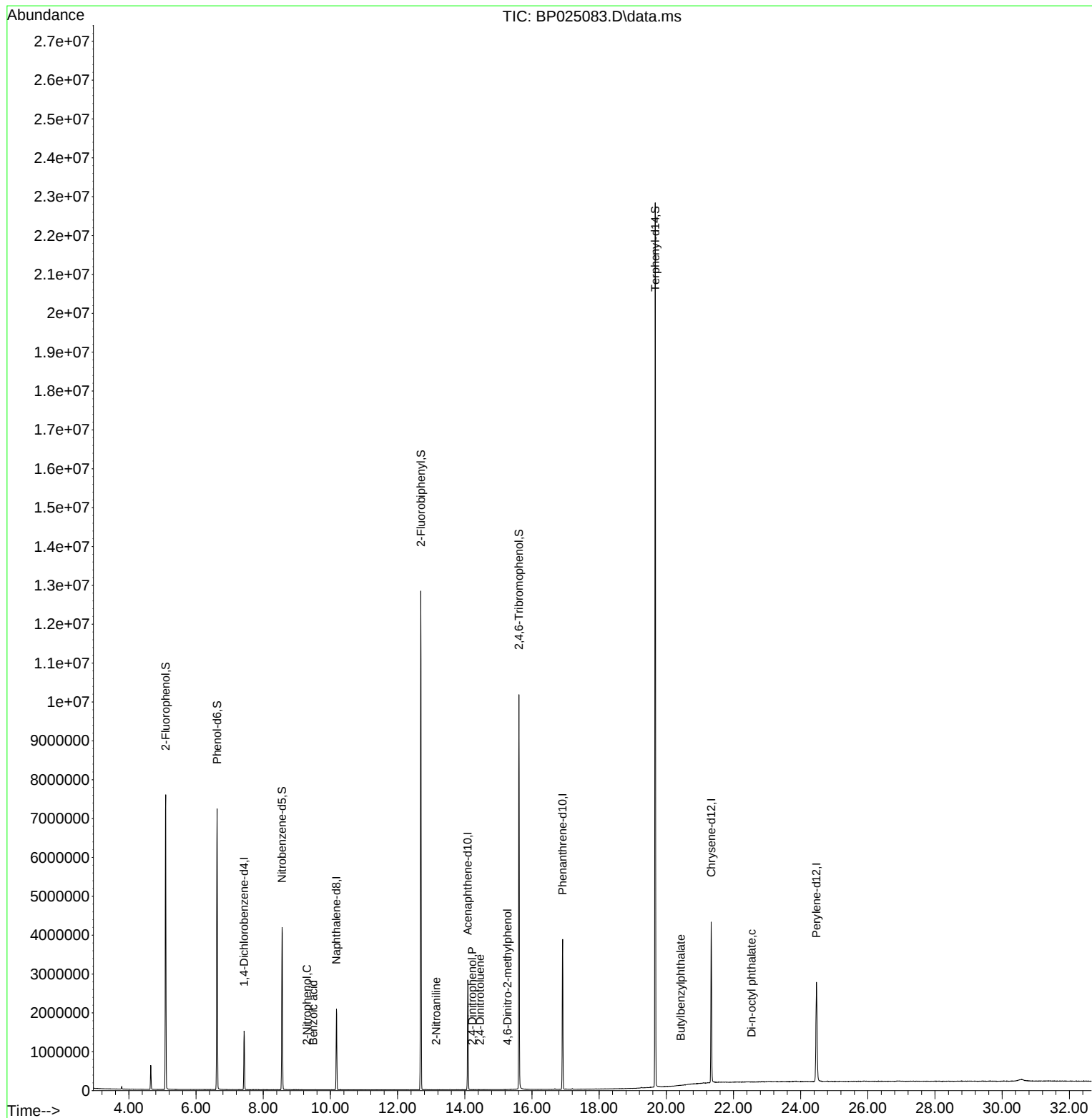
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	405320	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	1589648	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1018802	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2249210	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2364655	20.000	ng	0.00
86) Perylene-d12	24.471	264	2401938	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3342414	146.113	ng	0.00
7) Phenol-d6	6.625	99	4131401	138.395	ng	0.00
23) Nitrobenzene-d5	8.560	82	2380307	99.583	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1881408	156.322	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6343431	96.457	ng	0.00
79) Terphenyl-d14	19.672	244	11306190	105.084	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.302	139	41	3.305	ng	# 1
32) Benzoic acid	9.484	122	22	6.205	ng	# 1
48) 2-Nitroaniline	13.148	65	163	2.776	ng	# 53
54) 2,4-Dinitrophenol	14.225	184	38	5.390	ng	# 87
57) 2,4-Dinitrotoluene	14.454	165	180	2.645	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.272	198	22	5.581	ng	# 1
80) Butylbenzylphthalate	20.430	149	296	3.687	ng	# 74
85) Di-n-octyl phthalate	22.536	149	272	6.100	ng	# 61

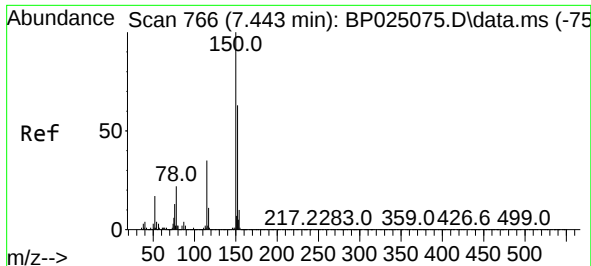
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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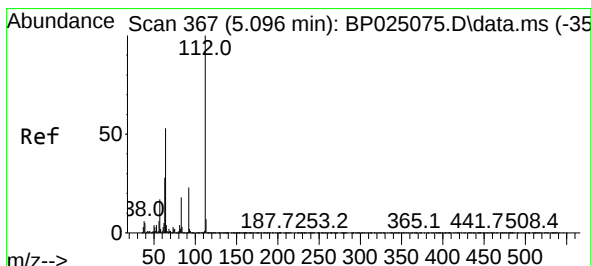
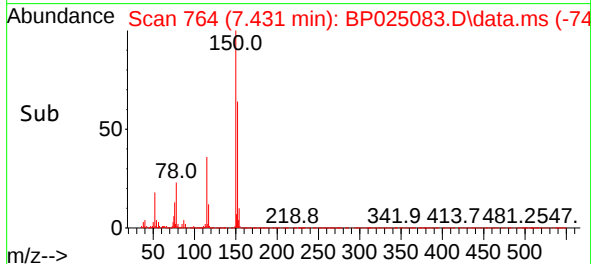
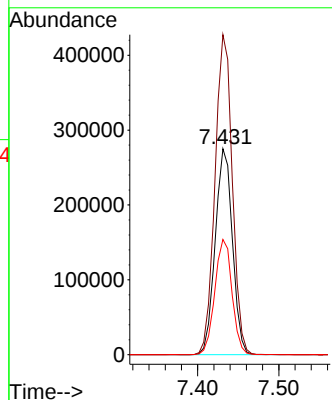
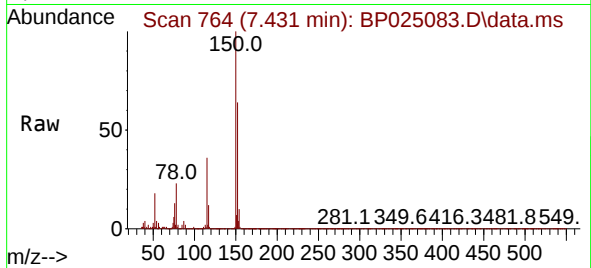




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP025083.D
 Acq: 10 Jul 2025 14:48

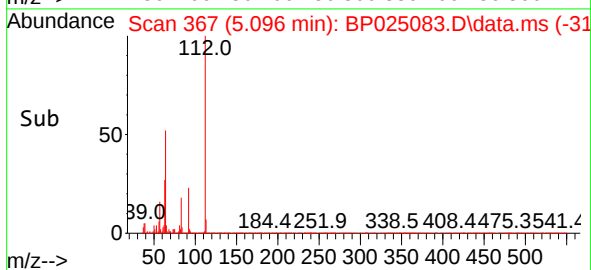
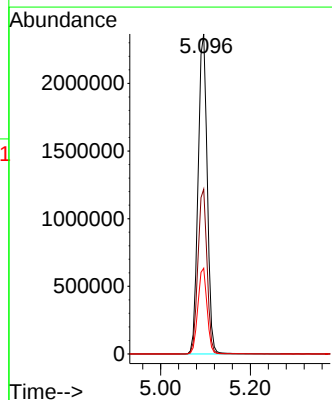
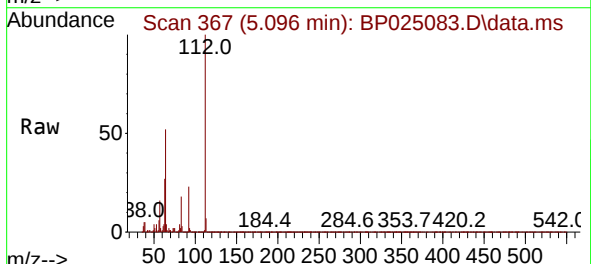
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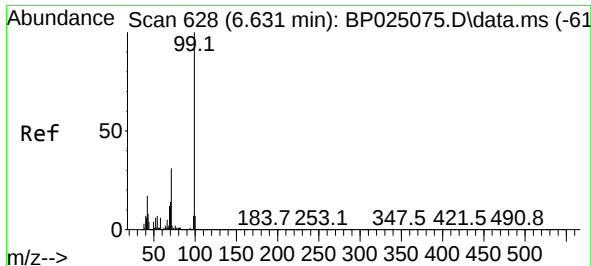
Tgt Ion:152 Resp: 405320
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.1 189.1
 115 56.0 44.3 66.5



#5
 2-Fluorophenol
 Concen: 146.113 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025083.D
 Acq: 10 Jul 2025 14:48

Tgt Ion:112 Resp: 3342414
 Ion Ratio Lower Upper
 112 100
 64 51.5 42.0 63.0
 63 26.8 22.2 33.2

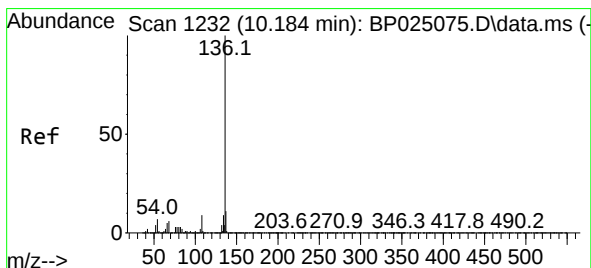
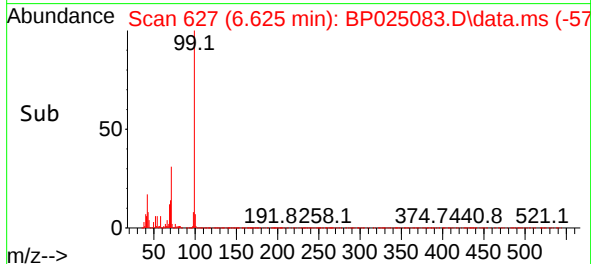
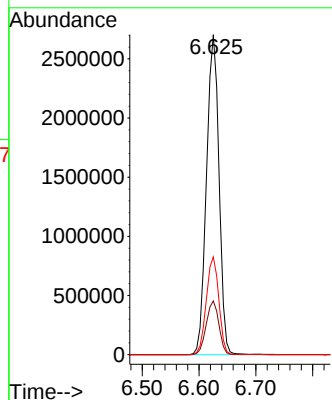
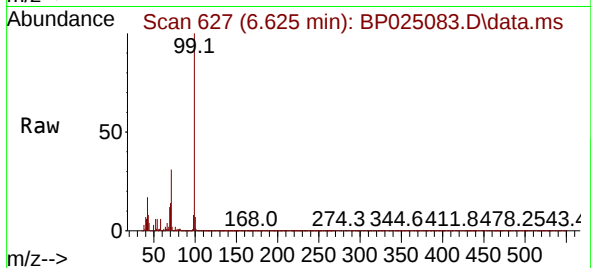




#7
Phenol-d6
Concen: 138.395 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

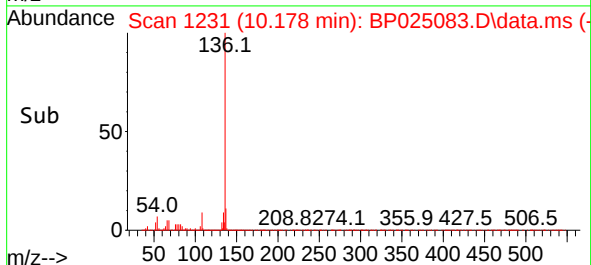
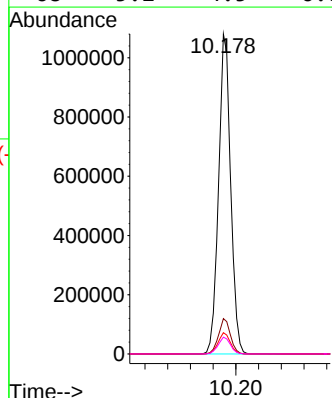
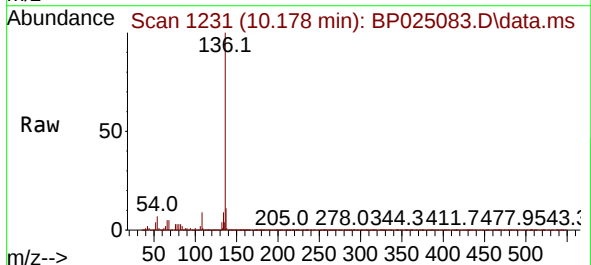
Instrument :
BNA_P
ClientSampleId :
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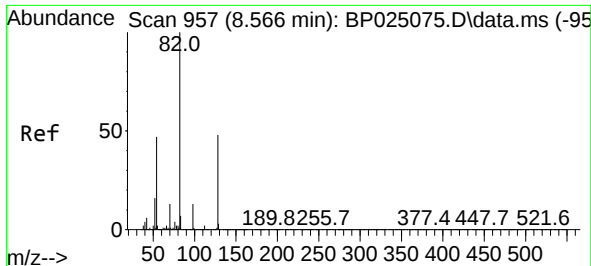
Tgt Ion: 99 Resp: 4131401
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion: 136 Resp: 1589648
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.6 5.4 8.2
68 5.2 4.5 6.7

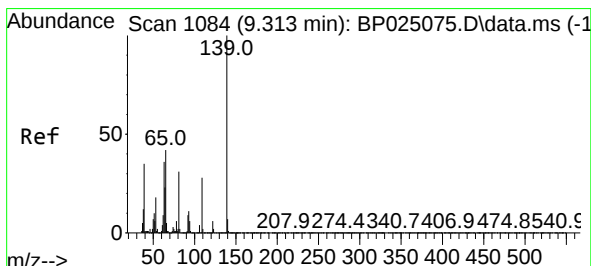
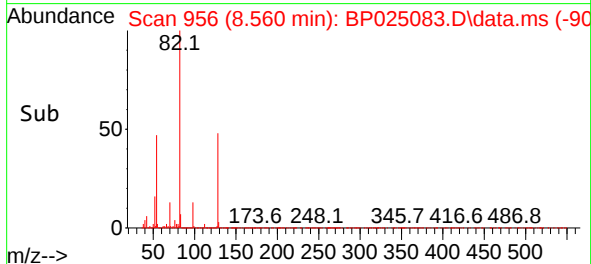
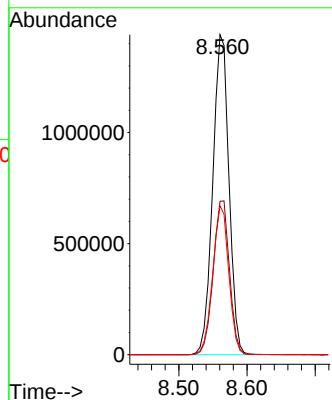
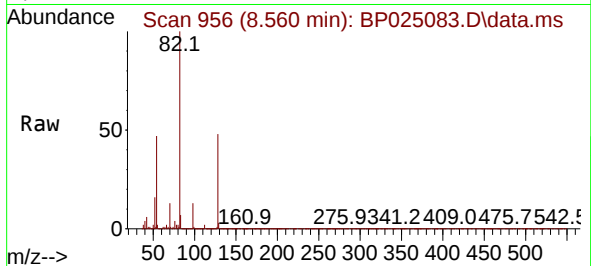




#23
Nitrobenzene-d5
Concen: 99.583 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

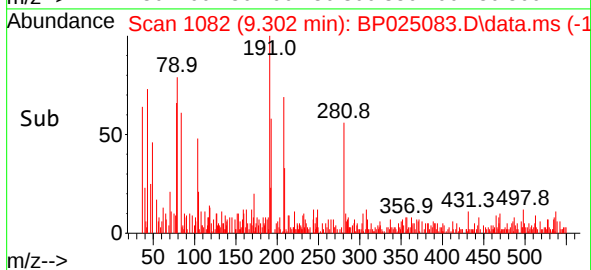
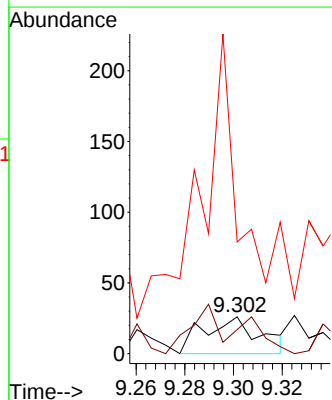
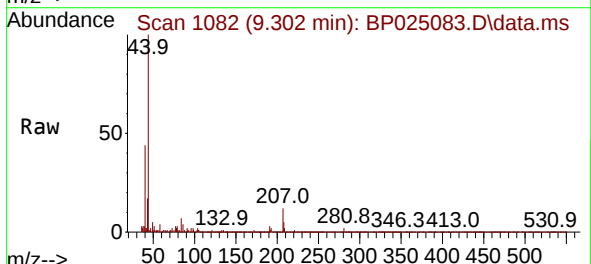
Instrument :
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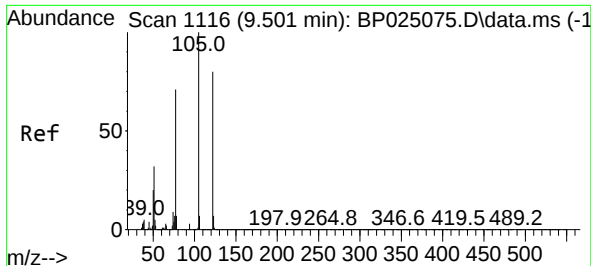
Tgt Ion: 82 Resp: 2380307
Ion Ratio Lower Upper
82 100
128 48.0 38.4 57.6
54 46.5 37.8 56.6



#26
2-Nitrophenol
Concen: 3.305 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.011 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 65.4 22.3 33.5#
65 357.7 33.8 50.8#

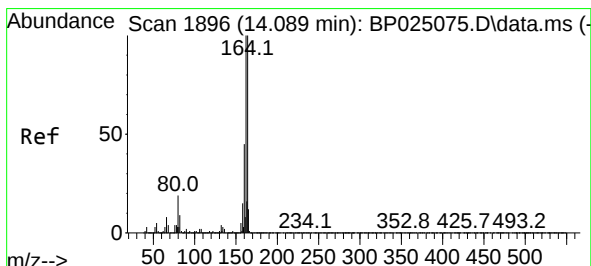
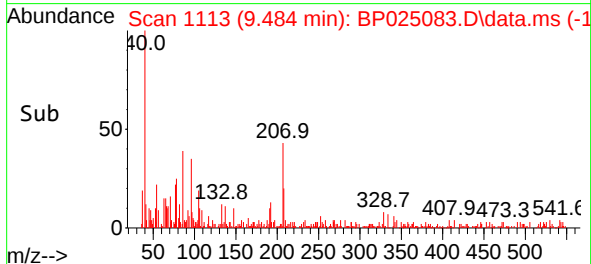
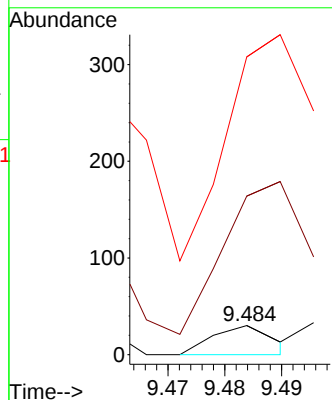
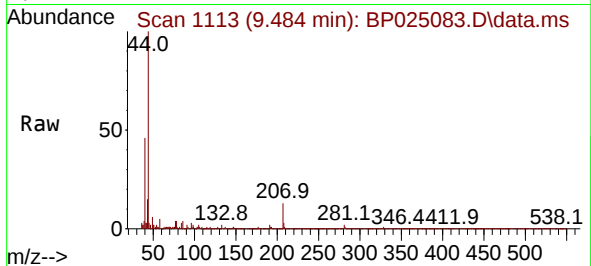




#32
Benzoic acid
Concen: 6.205 ng
RT: 9.484 min Scan# 1116
Delta R.T. -0.017 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

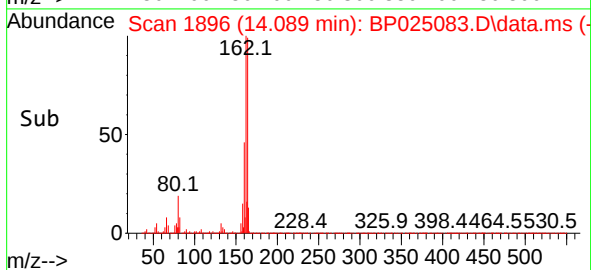
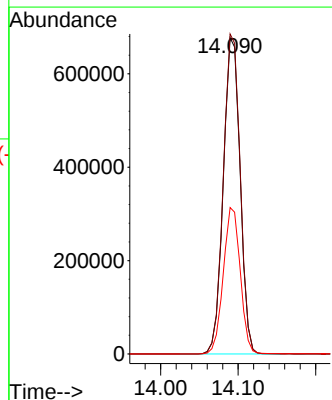
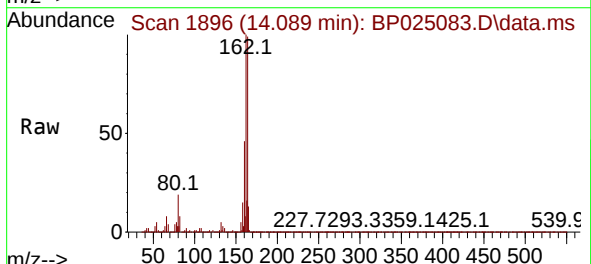
Instrument :
BNA_P
ClientSampleId :
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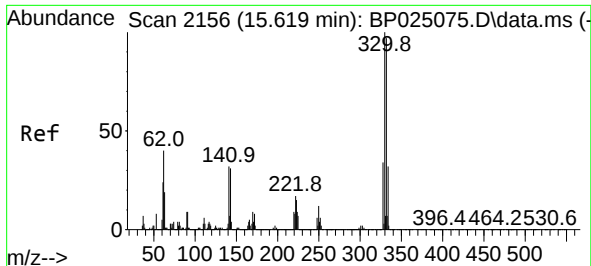
Tgt Ion:122 Resp: 22
Ion Ratio Lower Upper
122 100
105 546.7 101.0 141.0#
77 1026.7 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:164 Resp: 1018802
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 46.3 35.9 53.9

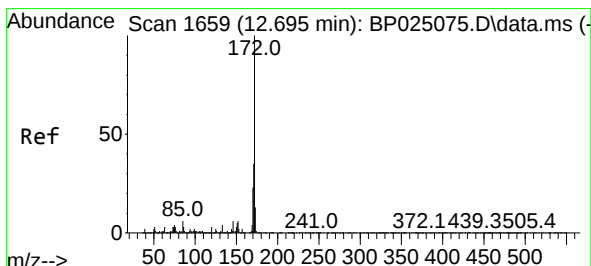
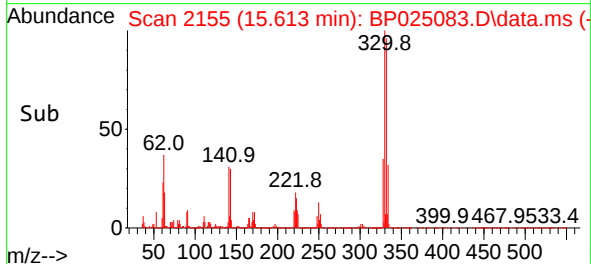
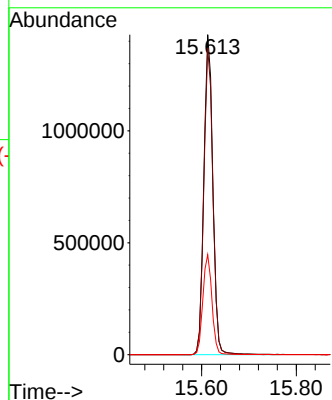
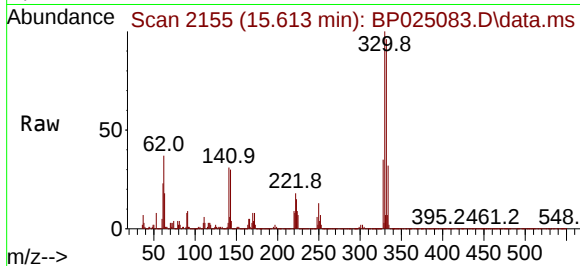




#42
2,4,6-Tribromophenol
Concen: 156.322 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

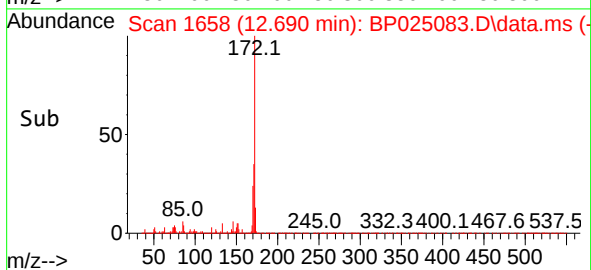
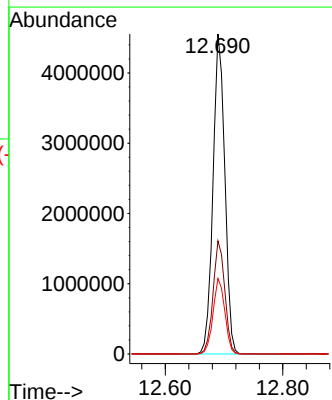
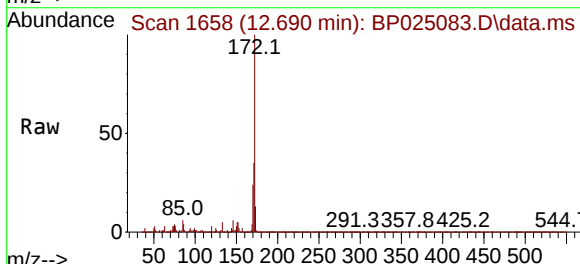
Instrument :
BNA_P
ClientSampleId :
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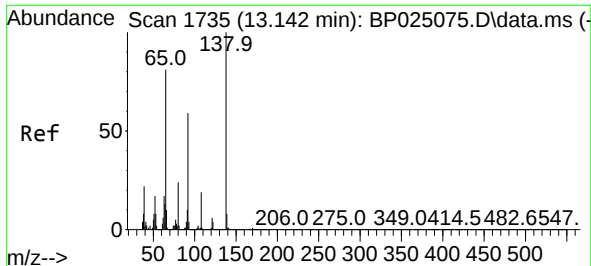
Tgt Ion: 330 Resp: 1881408
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 31.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 96.457 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion: 172 Resp: 6343431
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.7 28.1

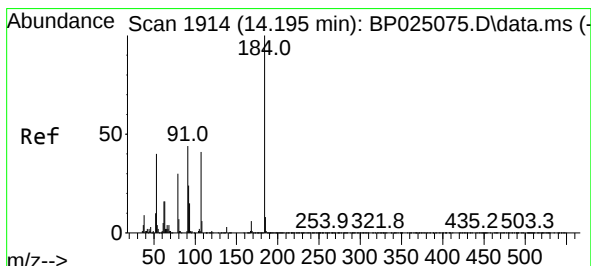
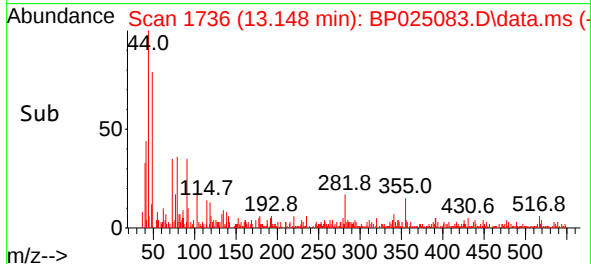
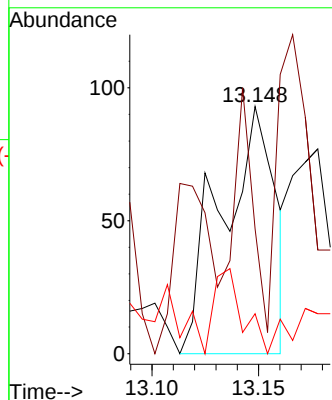
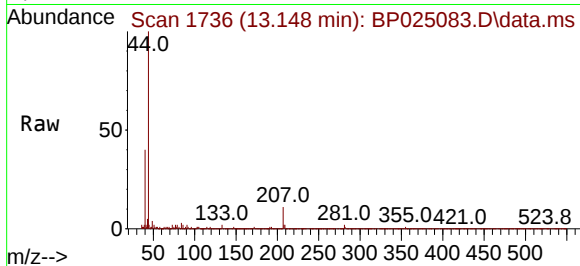




#48
2-Nitroaniline
Concen: 2.776 ng
RT: 13.148 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

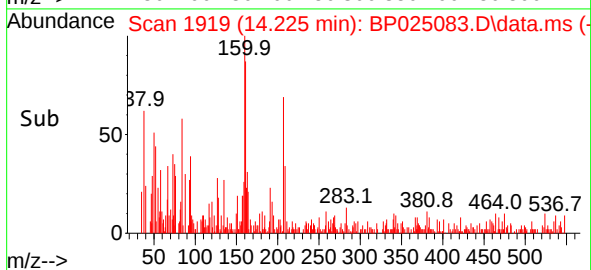
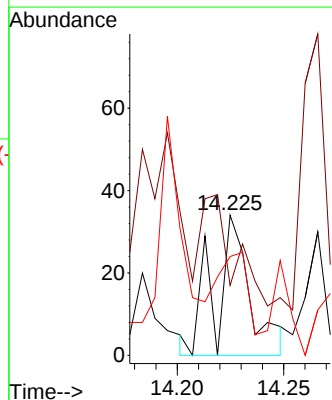
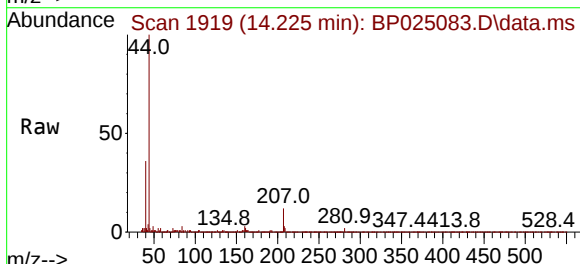
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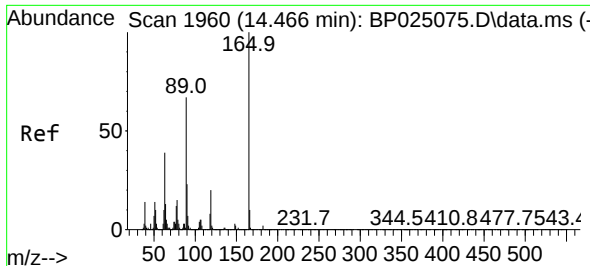
Tgt Ion: 65 Resp: 163
Ion Ratio Lower Upper
65 100
92 50.5 58.7 88.1#
138 57.0 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.390 ng
RT: 14.225 min Scan# 1919
Delta R.T. 0.030 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion: 184 Resp: 38
Ion Ratio Lower Upper
184 100
63 50.0 47.4 71.0
154 70.6 47.8 71.8

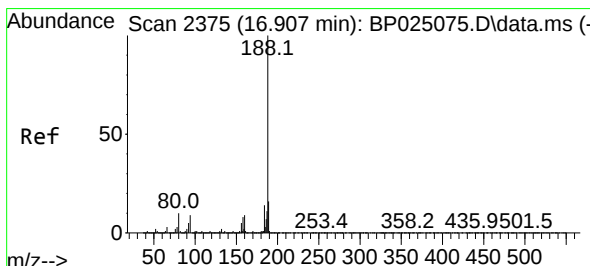
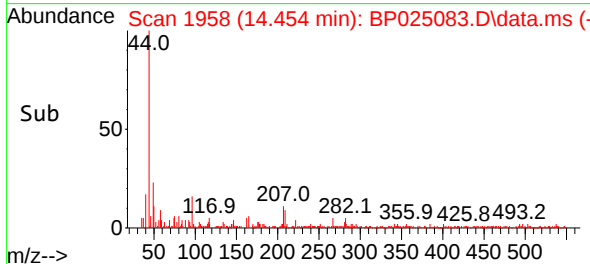
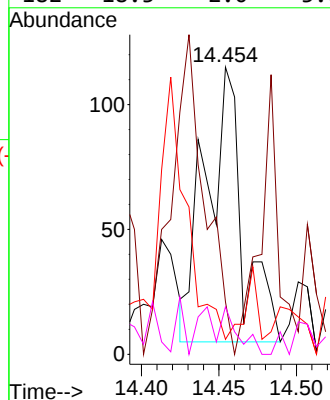
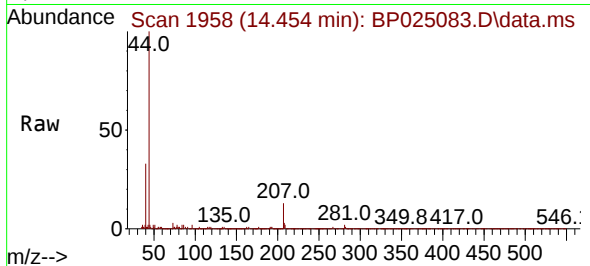




#57
2,4-Dinitrotoluene
Concen: 2.645 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

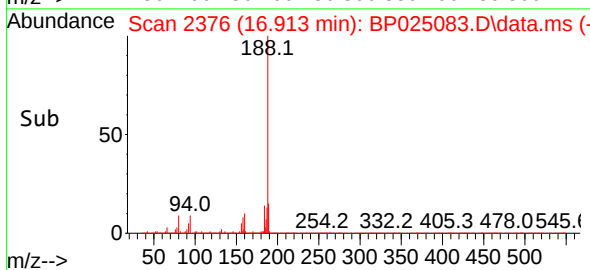
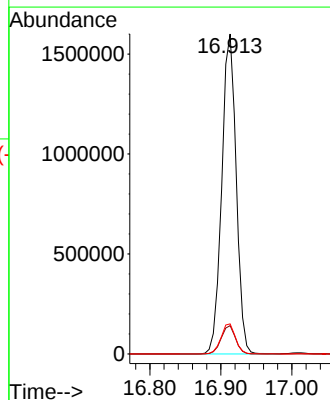
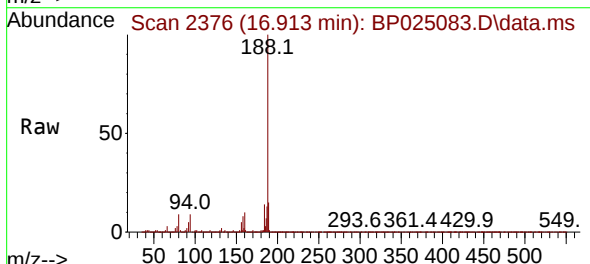
Instrument :
BNA_P
ClientSampleId :
PB168767BL

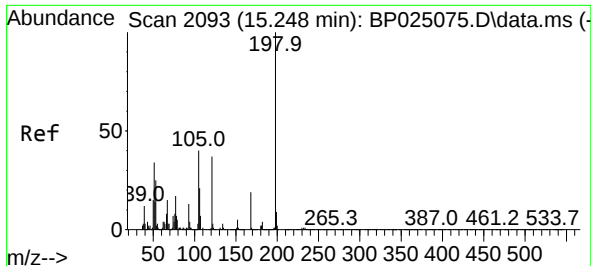
Tgt Ion:165 Resp: 180
Ion Ratio Lower Upper
165 100
63 18.3 31.0 46.4#
89 5.2 53.4 80.0#
182 18.3 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:188 Resp: 2249210
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.4 7.8 11.6

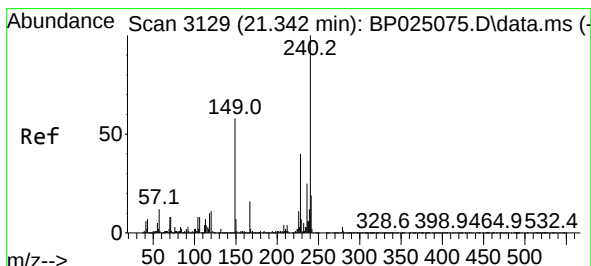
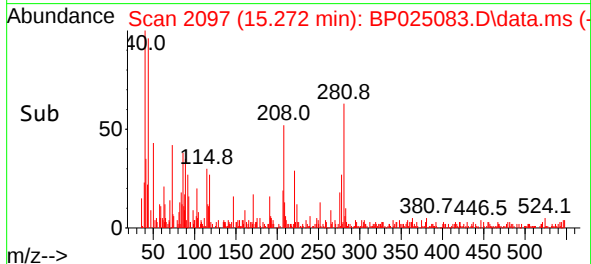
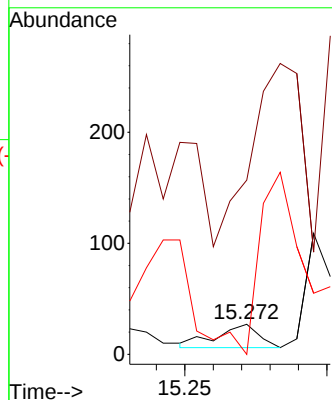
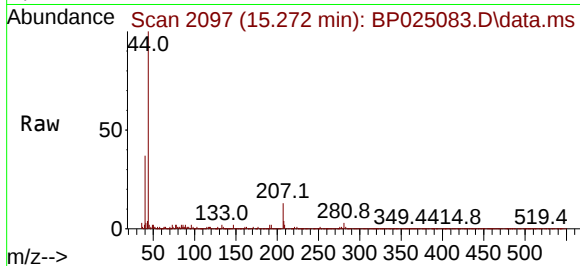




#65
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 15.272 min Scan# 20
Delta R.T. 0.024 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

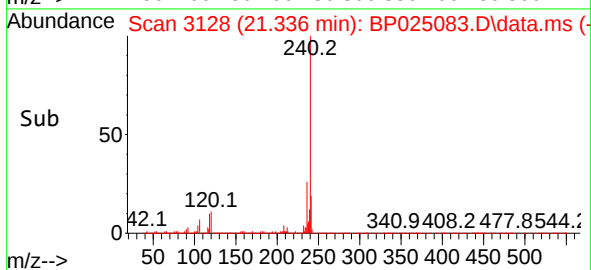
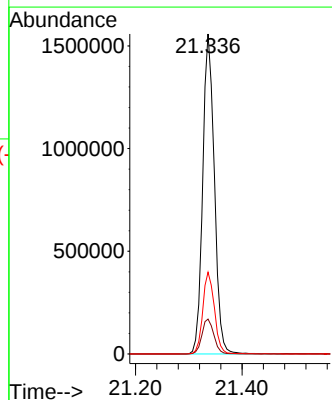
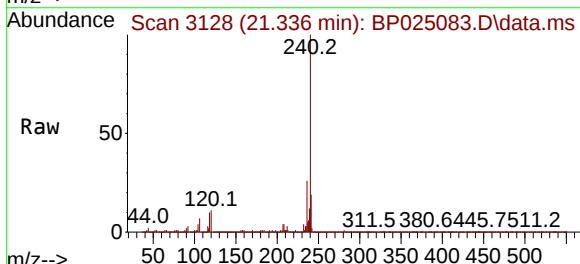
Instrument :
BNA_P
ClientSampleId :
PB168767BL

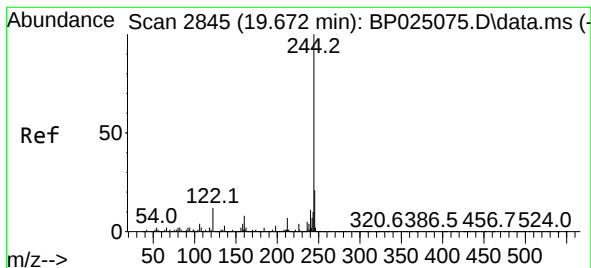
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 581.5 16.8 56.8#
105 66.7 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:240 Resp: 2364655
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 105.084 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB168767BL

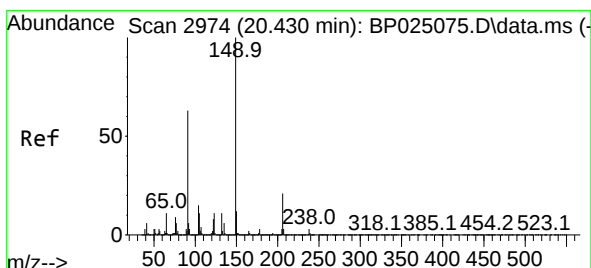
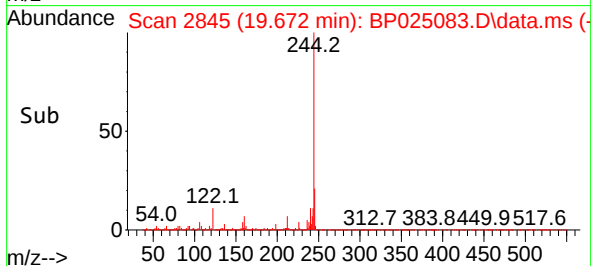
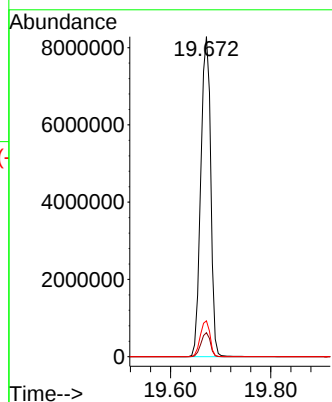
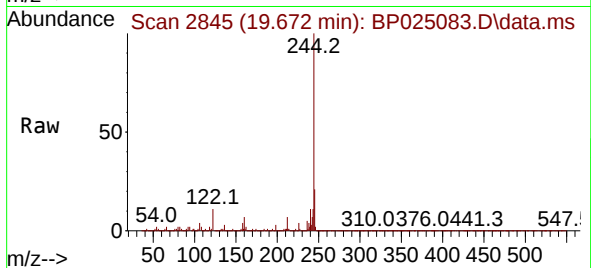
Tgt Ion:244 Resp:11306190

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.687 ng

RT: 20.430 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

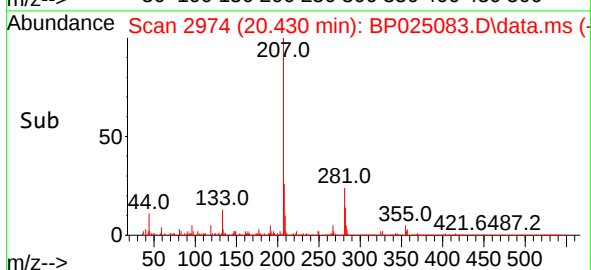
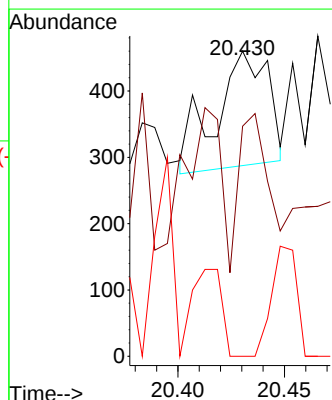
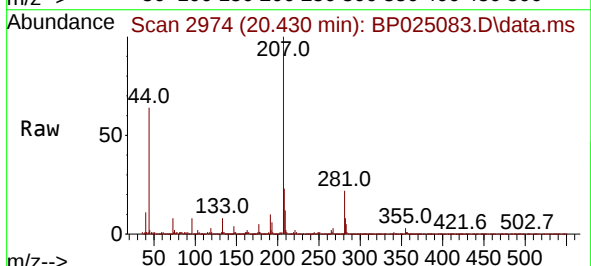
Tgt Ion:149 Resp: 296

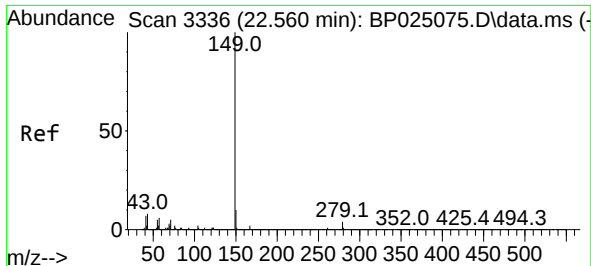
Ion Ratio Lower Upper

149 100

91 78.7 50.6 76.0#

206 0.0 17.2 25.8#

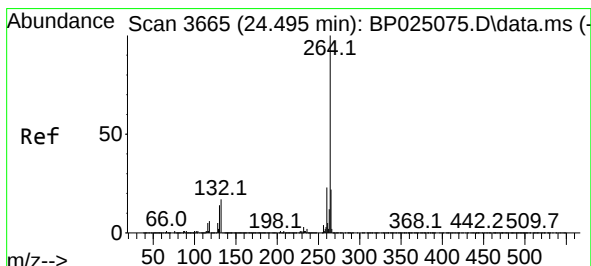
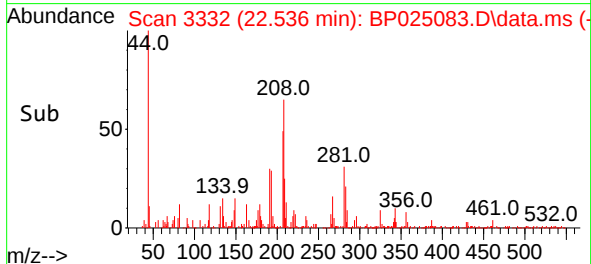
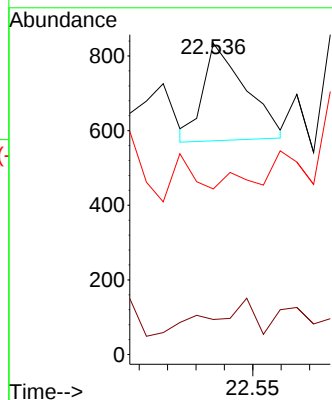
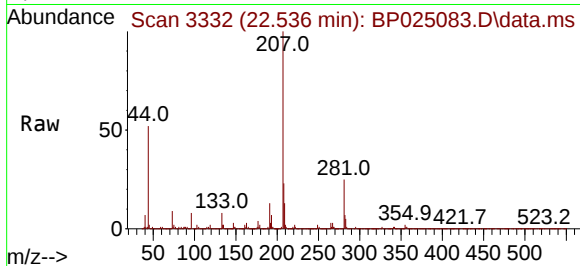




#85
Di-n-octyl phthalate
Concen: 6.100 ng
RT: 22.536 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion:149 Resp: 272
Ion Ratio Lower Upper
149 100
167 46.0 1.3 1.9#
43 0.0 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.023 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:264 Resp: 2401938
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.0 17.7 26.5

