

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025125.D
 Acq On : 14 Jul 2025 18:27
 Operator : CG/JU
 Sample : Q2553-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-202

Quant Time: Jul 14 18:49:08 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)

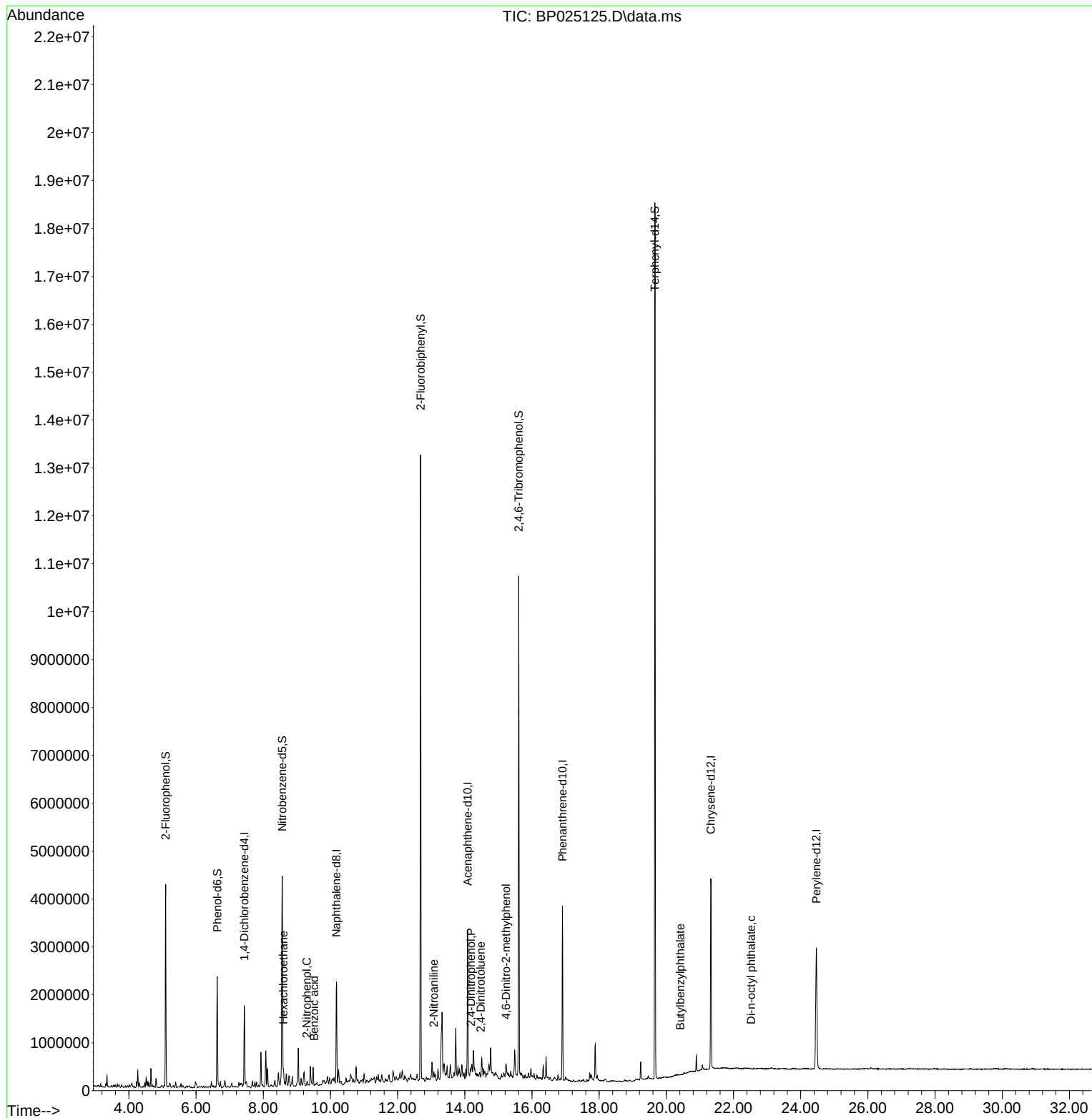
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	459808	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1740087	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1019903	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2000087	20.000	ng	0.00
76) Chrysene-d12	21.324	240	2268198	20.000	ng	-0.02
86) Perylene-d12	24.471	264	2585197	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1781262	68.640	ng	0.00
7) Phenol-d6	6.631	99	1355208	40.018	ng	0.00
23) Nitrobenzene-d5	8.566	82	2702274	103.279	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1906961	158.274	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	6074371	92.266	ng	-0.01
79) Terphenyl-d14	19.660	244	9525446	92.298	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.601	117	194199	18.119	ng	# 1
26) 2-Nitrophenol	9.295	139	189	3.315	ng	# 1
32) Benzoic acid	9.513	122	241	6.215	ng	# 1
48) 2-Nitroaniline	13.078	65	3152	2.982	ng	# 37
54) 2,4-Dinitrophenol	14.183	184	591	5.466	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	705	2.670	ng	# 32
65) 4,6-Dinitro-2-methylph...	15.230	198	333	5.611	ng	# 1
80) Butylbenzylphthalate	20.418	149	3477	3.741	ng	# 49
85) Di-n-octyl phthalate	22.524	149	2512	6.115	ng	# 1

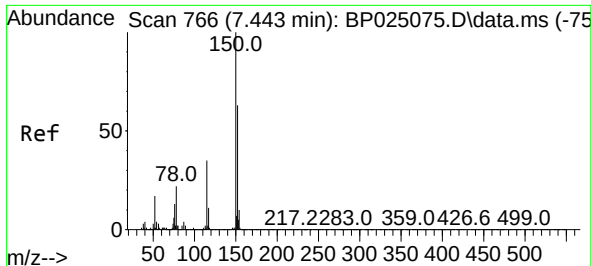
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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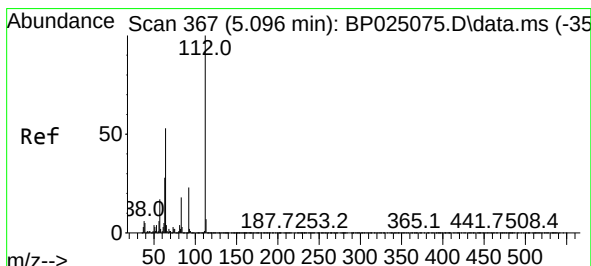
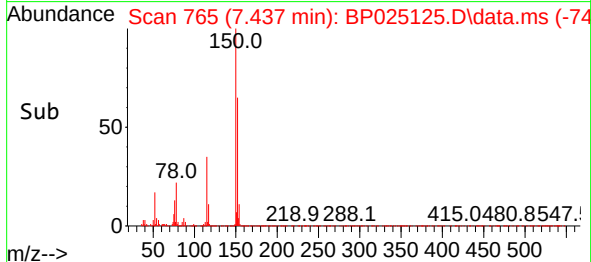
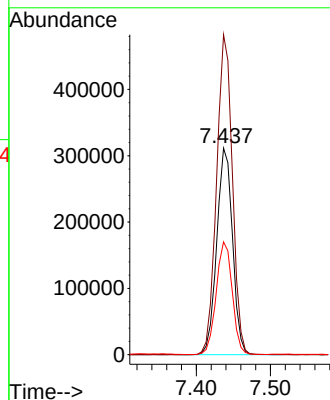
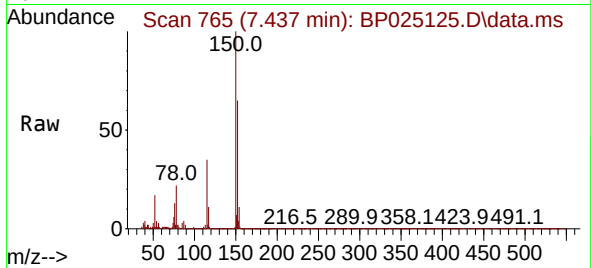


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

Instrument :
 BNA_P
 ClientSampleId :
 AOC-202

Tgt Ion:152 Resp: 459808

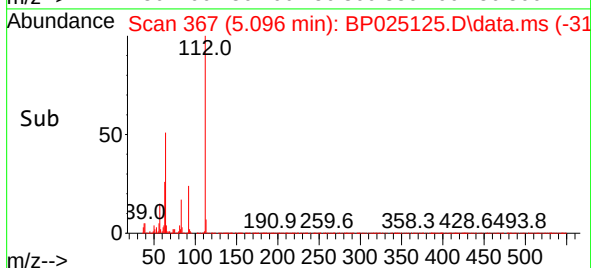
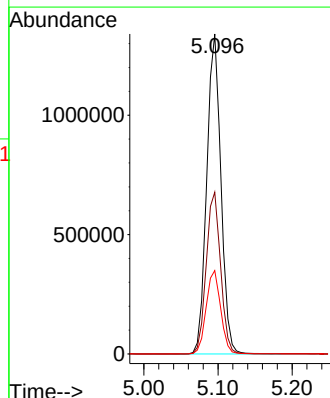
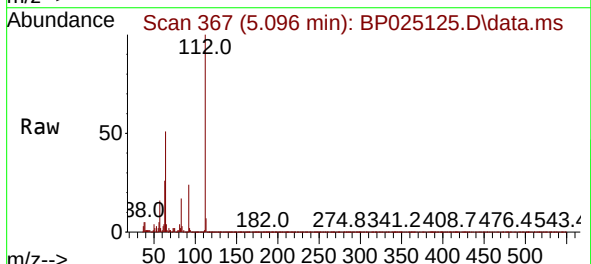
Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	54.6	44.3	66.5

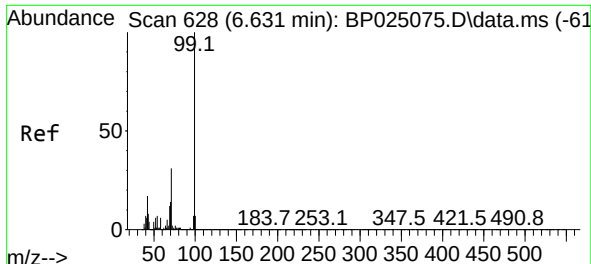


#5
 2-Fluorophenol
 Concen: 68.640 ng
 RT: 5.096 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

Tgt Ion:112 Resp: 1781262

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.0	63.0
63	26.0	22.2	33.2

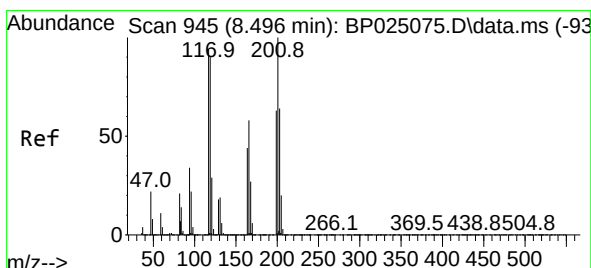
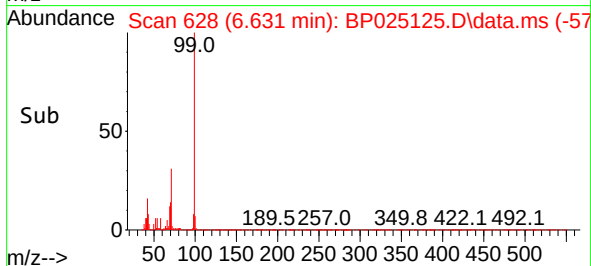
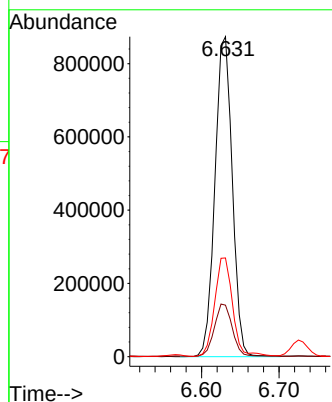
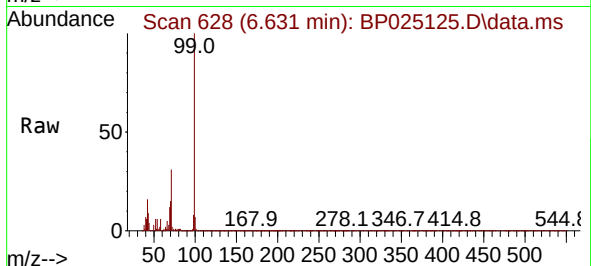




#7
Phenol-d6
Concen: 40.018 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

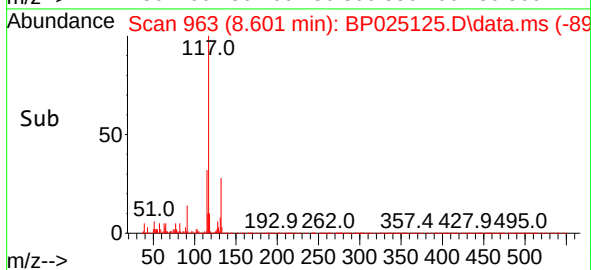
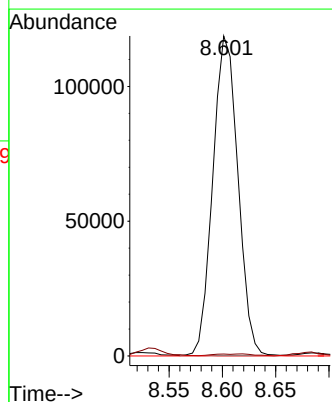
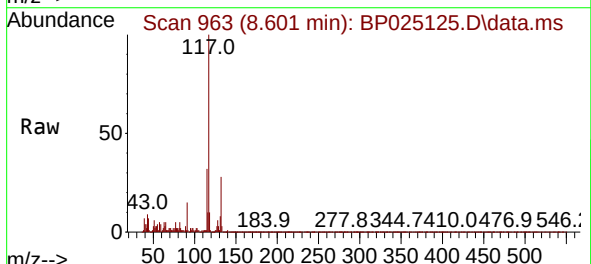
Instrument :
BNA_P
ClientSampleId :
AOC-202

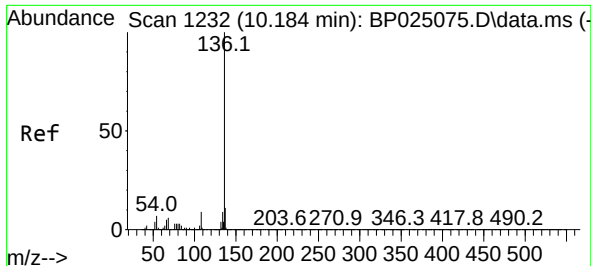
Tgt Ion: 99 Resp: 1355208
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 30.8 24.4 36.6



#18
Hexachloroethane
Concen: 18.119 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.106 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion: 117 Resp: 194199
Ion Ratio Lower Upper
117 100
119 0.6 76.6 115.0#
201 0.0 85.4 128.2#



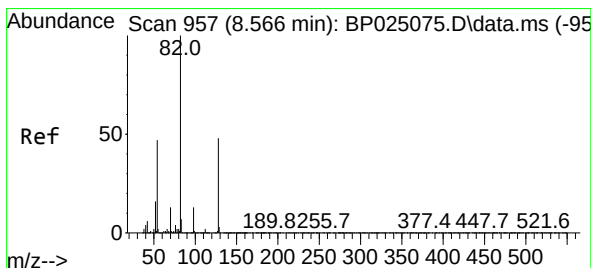
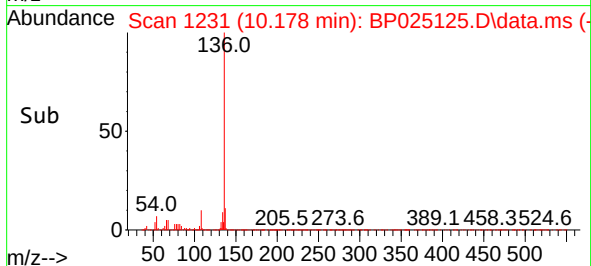
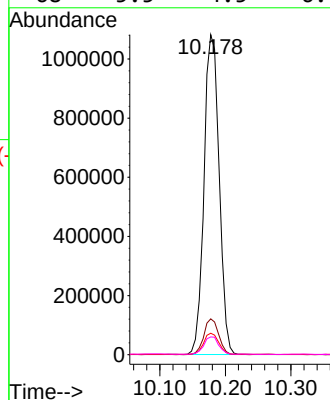
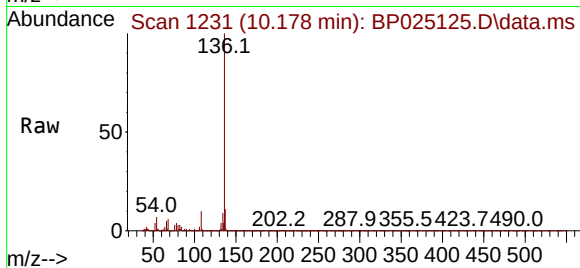


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion:136 Resp: 1740087

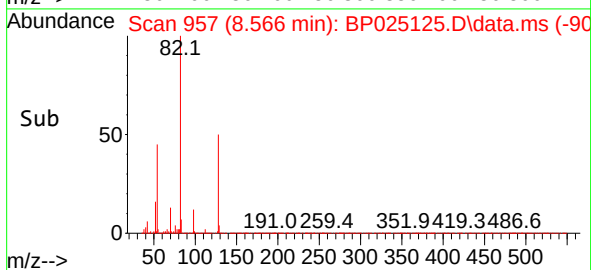
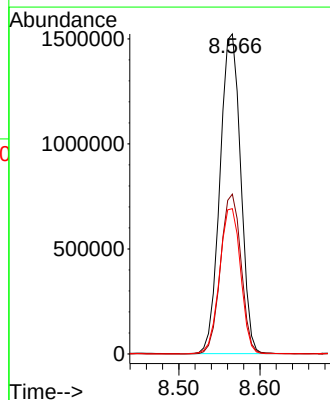
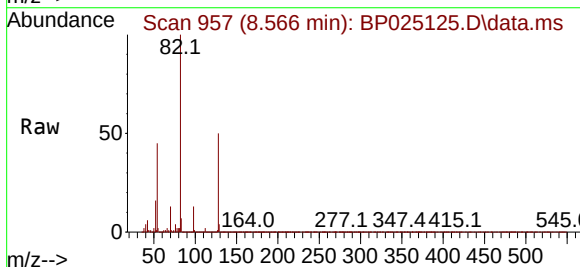
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7

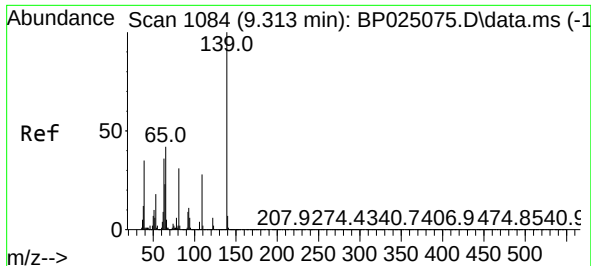


#23
Nitrobenzene-d5
Concen: 103.279 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion: 82 Resp: 2702274

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.4	57.6
54	45.4	37.8	56.6

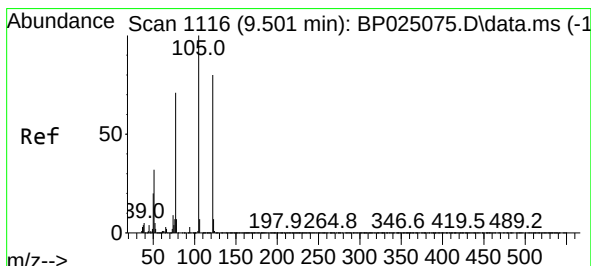
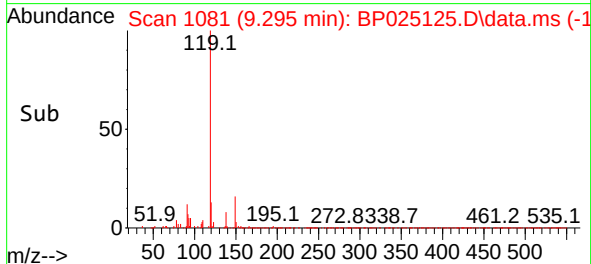
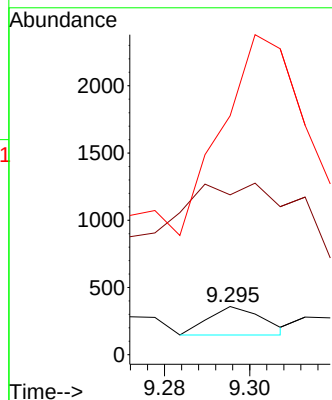
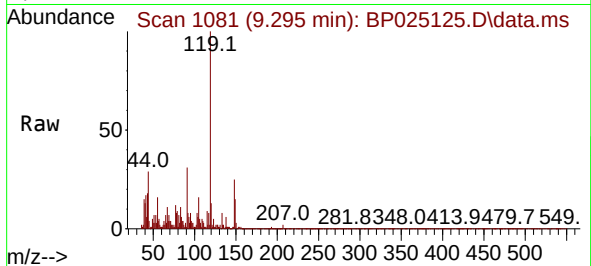




#26
2-Nitrophenol
Concen: 3.315 ng
RT: 9.295 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

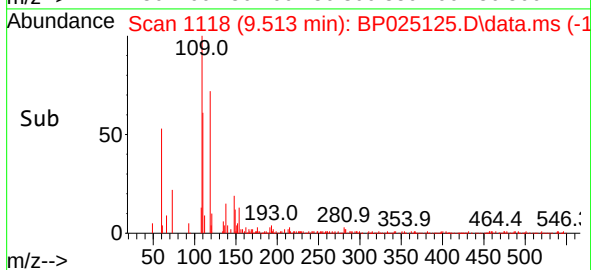
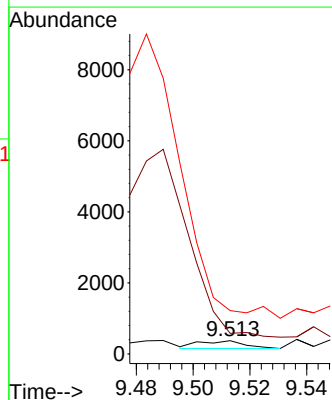
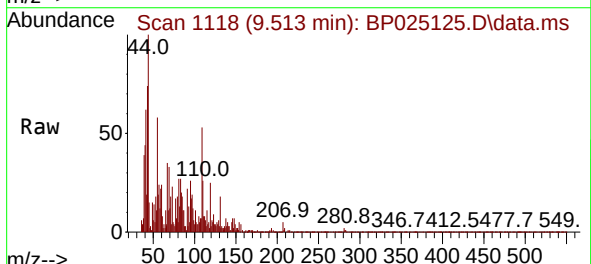
Instrument :
BNA_P
ClientSampleId :
AOC-202

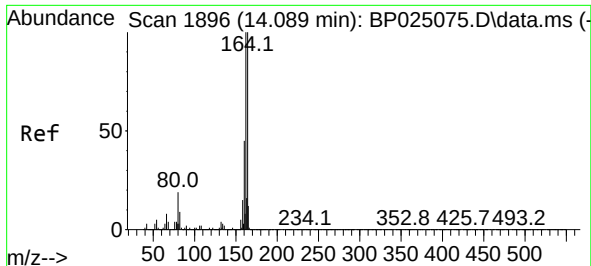
Tgt Ion:139 Resp: 189
Ion Ratio Lower Upper
139 100
109 331.2 22.3 33.5#
65 495.0 33.8 50.8#



#32
Benzoic acid
Concen: 6.215 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 155.6 101.0 141.0#
77 326.7 67.6 107.6#

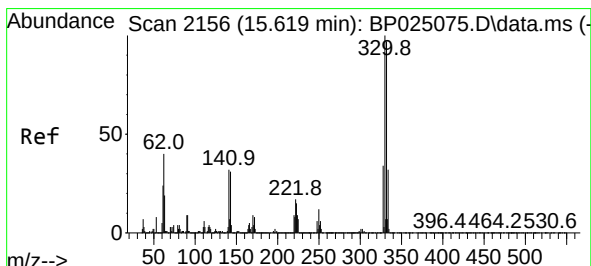
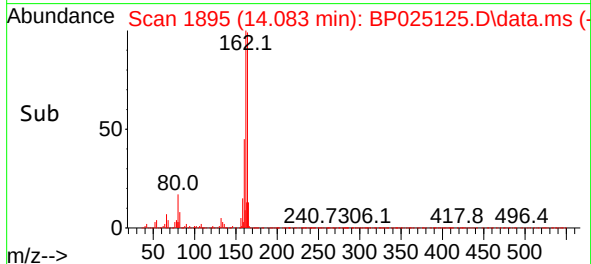
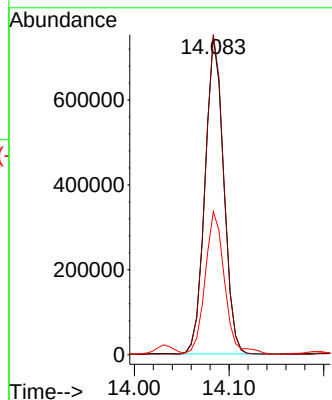
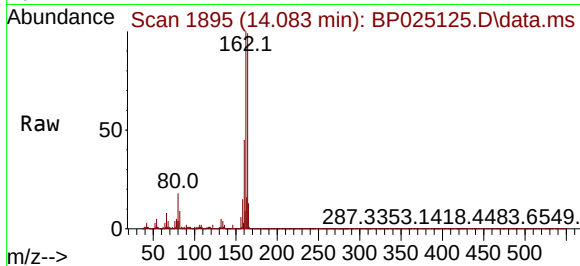




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

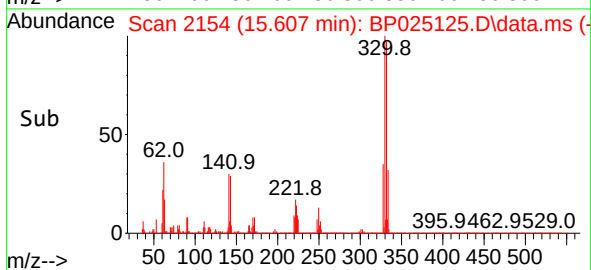
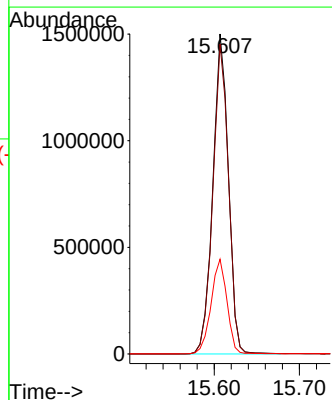
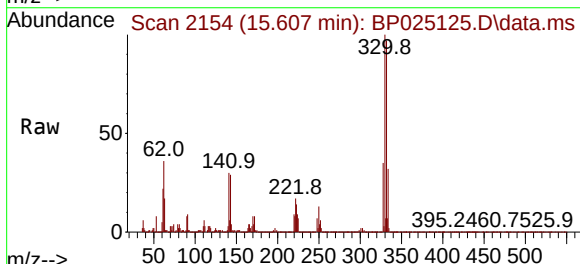
Instrument :
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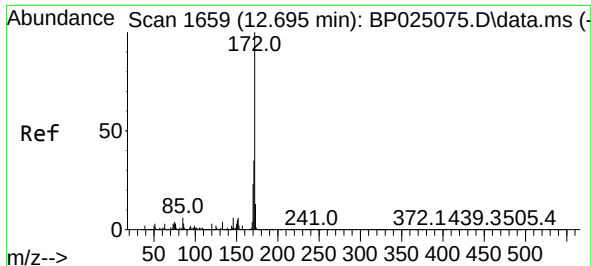
Tgt Ion:164 Resp: 1019903
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 158.274 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:330 Resp: 1906961
Ion Ratio Lower Upper
330 100
332 97.6 77.7 116.5
141 30.2 26.0 39.0

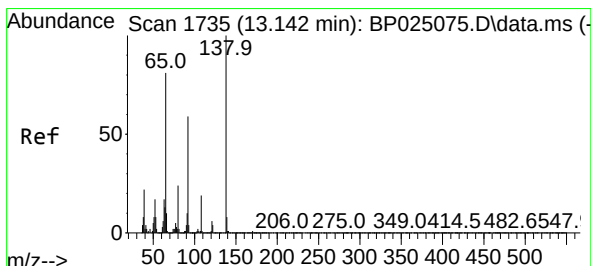
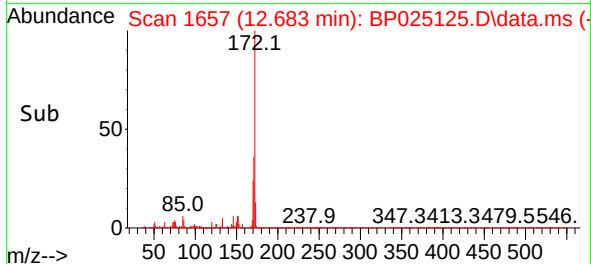
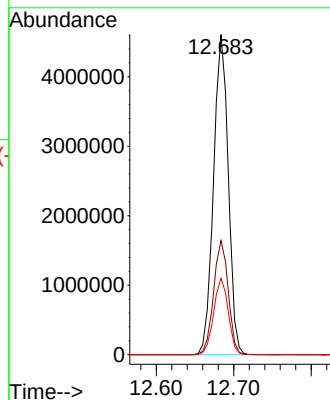
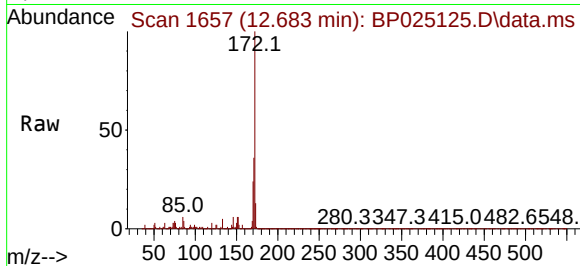




#45
2-Fluorobiphenyl
Concen: 92.266 ng
RT: 12.683 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

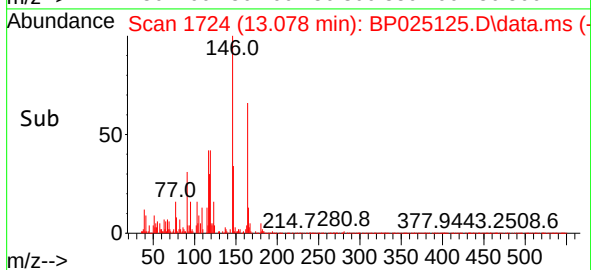
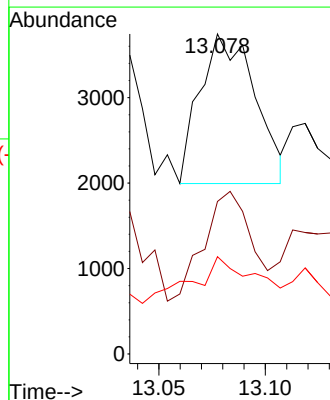
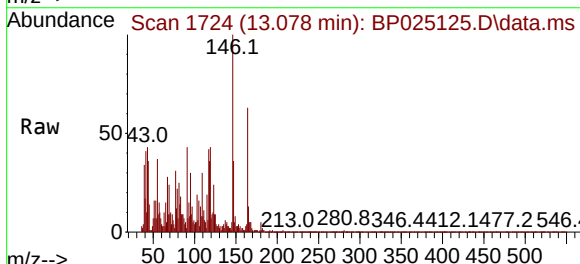
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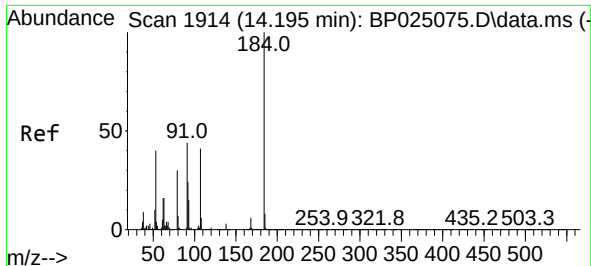
Tgt Ion:172 Resp: 6074371
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 2.982 ng
RT: 13.078 min Scan# 1724
Delta R.T. -0.064 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion: 65 Resp: 3152
Ion Ratio Lower Upper
65 100
92 47.7 58.7 88.1#
138 30.4 99.0 148.4#

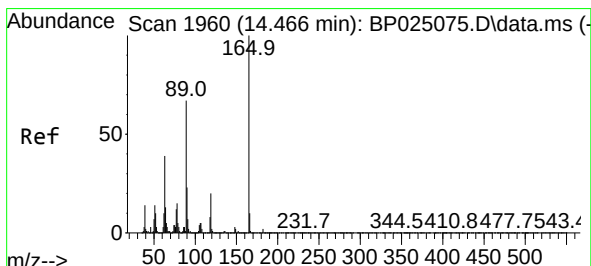
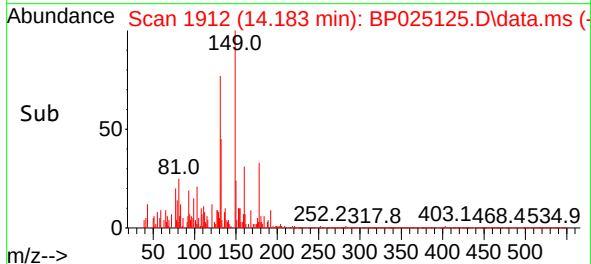
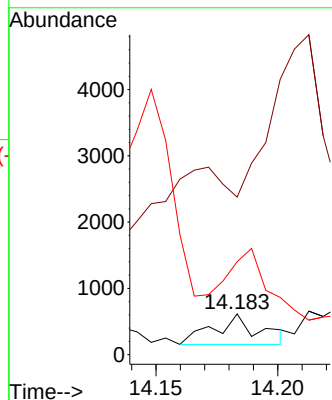
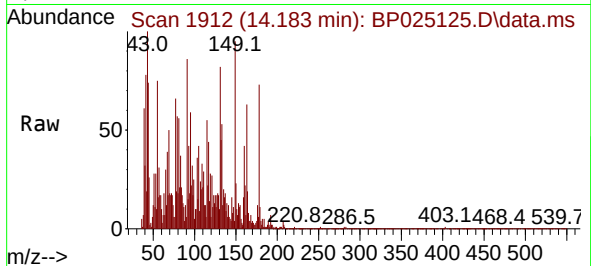




#54
2,4-Dinitrophenol
Concen: 5.466 ng
RT: 14.183 min Scan# 1912
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

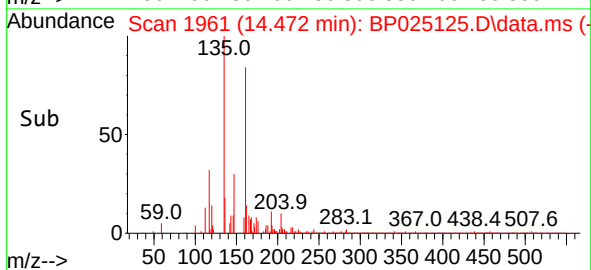
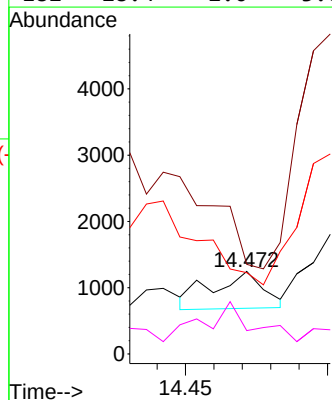
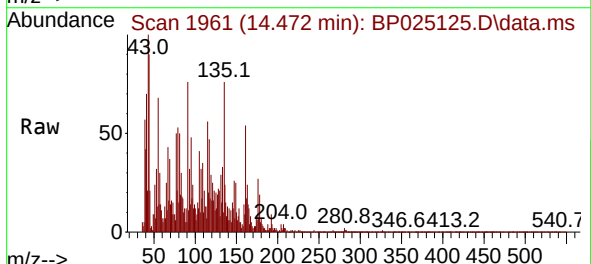
Instrument :
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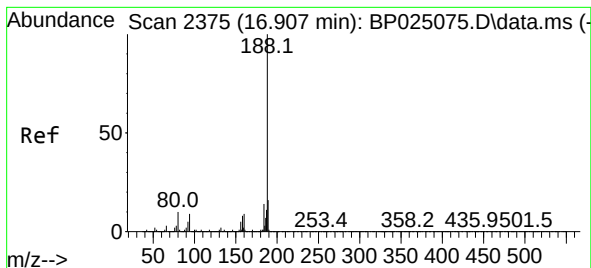
Tgt Ion:184 Resp: 591
Ion Ratio Lower Upper
184 100
63 386.0 47.4 71.0#
154 227.6 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 2.670 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:165 Resp: 705
Ion Ratio Lower Upper
165 100
63 108.6 31.0 46.4#
89 98.6 53.4 80.0#
182 28.4 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

Instrument :

BNA_P

ClientSampleId :

AOC-202

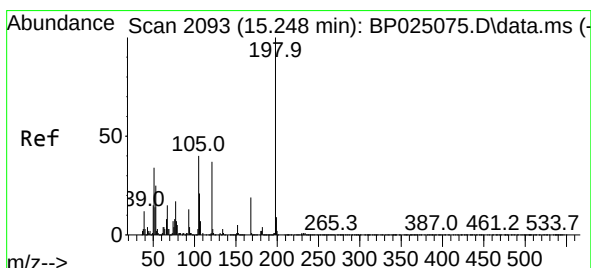
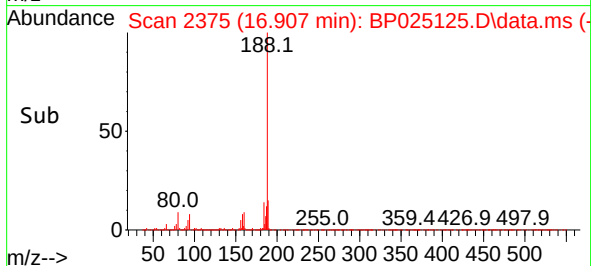
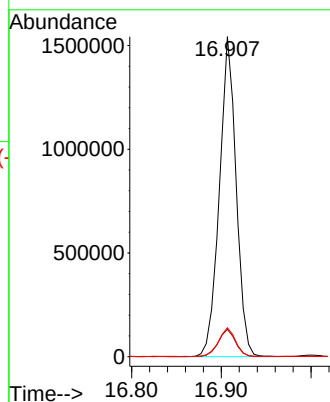
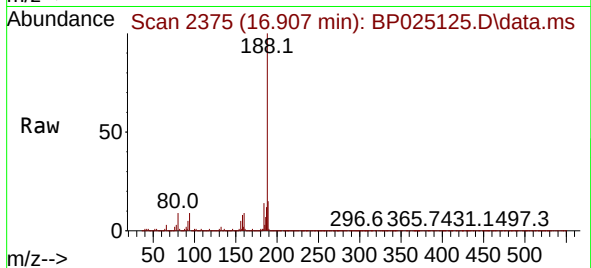
Tgt Ion:188 Resp: 2000087

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

80 9.1 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.611 ng

RT: 15.230 min Scan# 2090

Delta R.T. -0.018 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

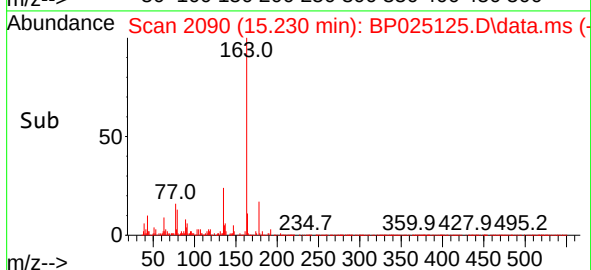
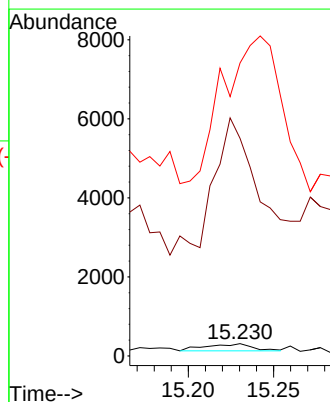
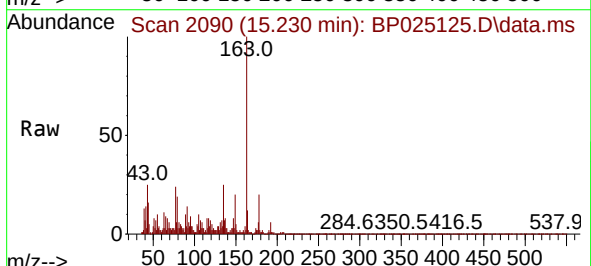
Tgt Ion:198 Resp: 333

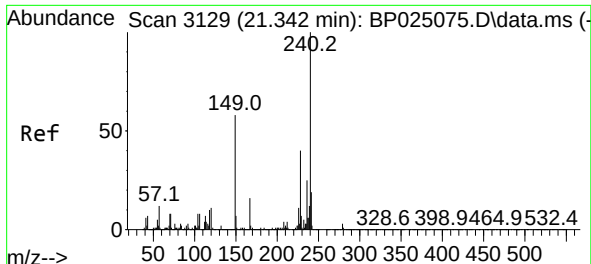
Ion Ratio Lower Upper

198 100

51 1770.7 16.8 56.8#

105 2383.0 20.8 60.8#

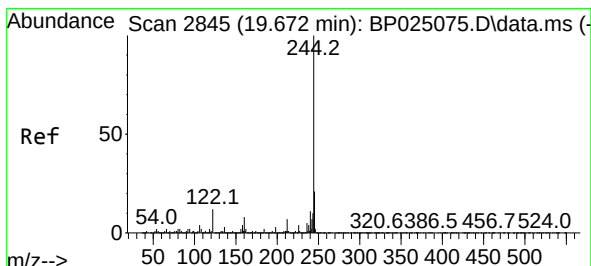
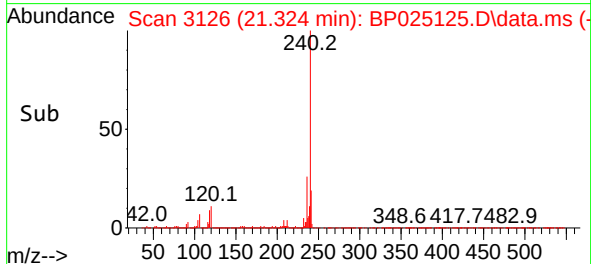
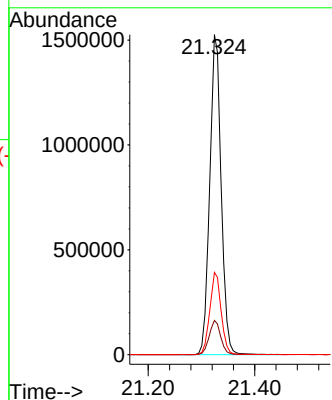
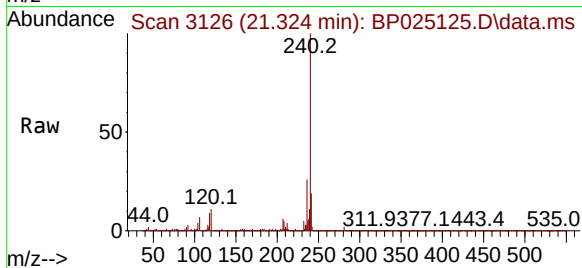




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

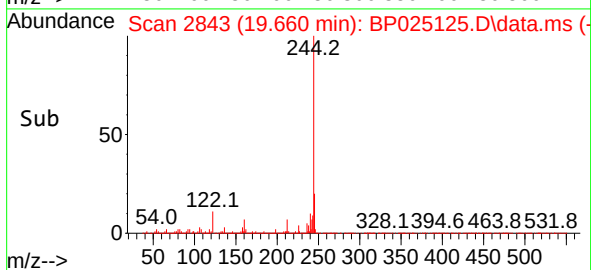
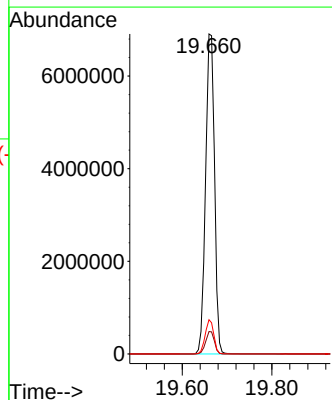
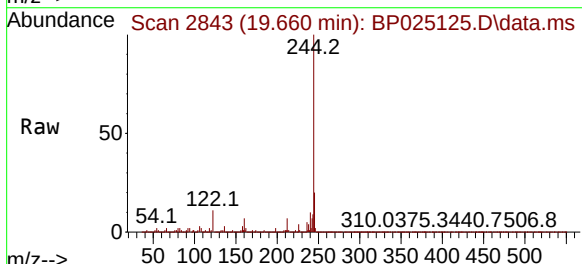
Instrument :
BNA_P
ClientSampleId :
AOC-202

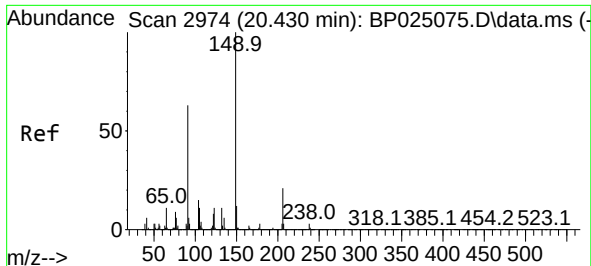
Tgt Ion:240 Resp: 2268198
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 92.298 ng
RT: 19.660 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:244 Resp: 9525446
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.7 9.4 14.2

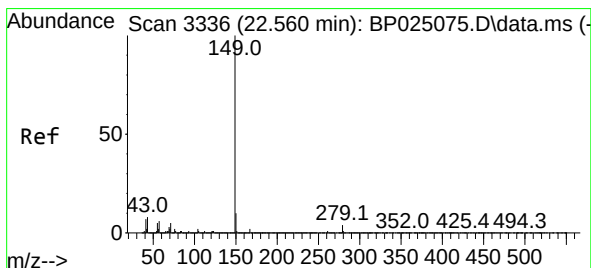
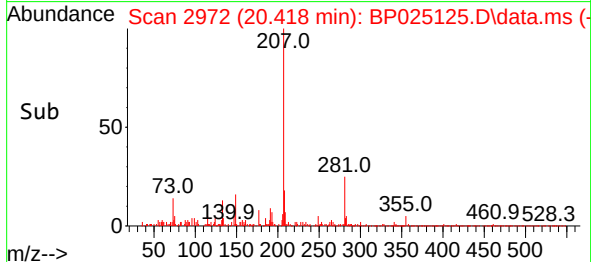
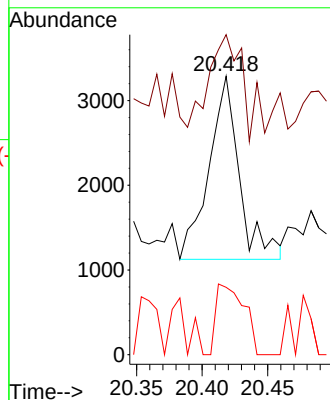
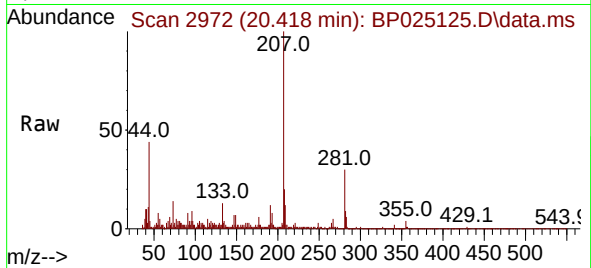




#80
 Butylbenzylphthalate
 Concen: 3.741 ng
 RT: 20.418 min Scan# 2972
 Delta R.T. -0.012 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

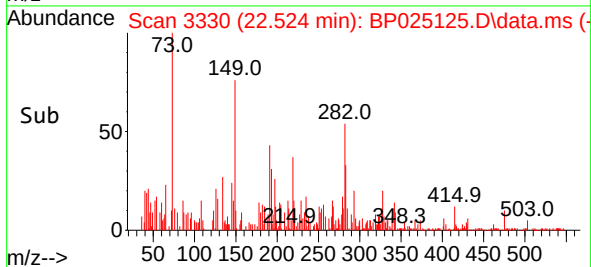
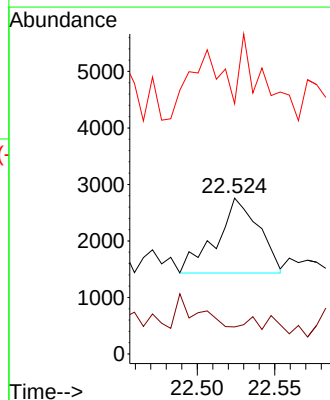
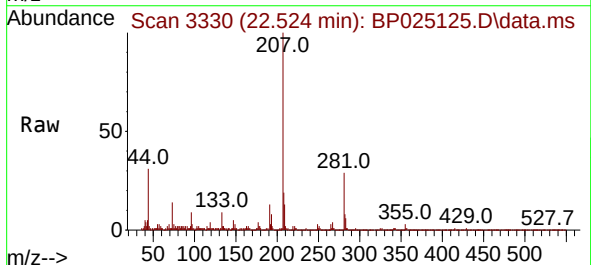
Instrument :
 BNA_P
 ClientSampleId :
 AOC-202

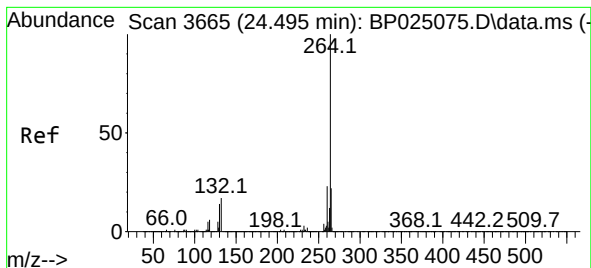
Tgt Ion:149 Resp: 3477
 Ion Ratio Lower Upper
 149 100
 91 114.9 50.6 76.0#
 206 24.2 17.2 25.8



#85
 Di-n-octyl phthalate
 Concen: 6.115 ng
 RT: 22.524 min Scan# 3330
 Delta R.T. -0.036 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

Tgt Ion:149 Resp: 2512
 Ion Ratio Lower Upper
 149 100
 167 4.4 1.3 1.9#
 43 61.2 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 30

Delta R.T. -0.024 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

Instrument :

BNA_P

ClientSampleId :

AOC-202

Tgt Ion:264 Resp: 2585197

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.3 17.7 26.5

