

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025124.D
 Acq On : 14 Jul 2025 17:46
 Operator : CG/JU
 Sample : Q2553-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-201

Quant Time: Jul 14 18:06:57 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

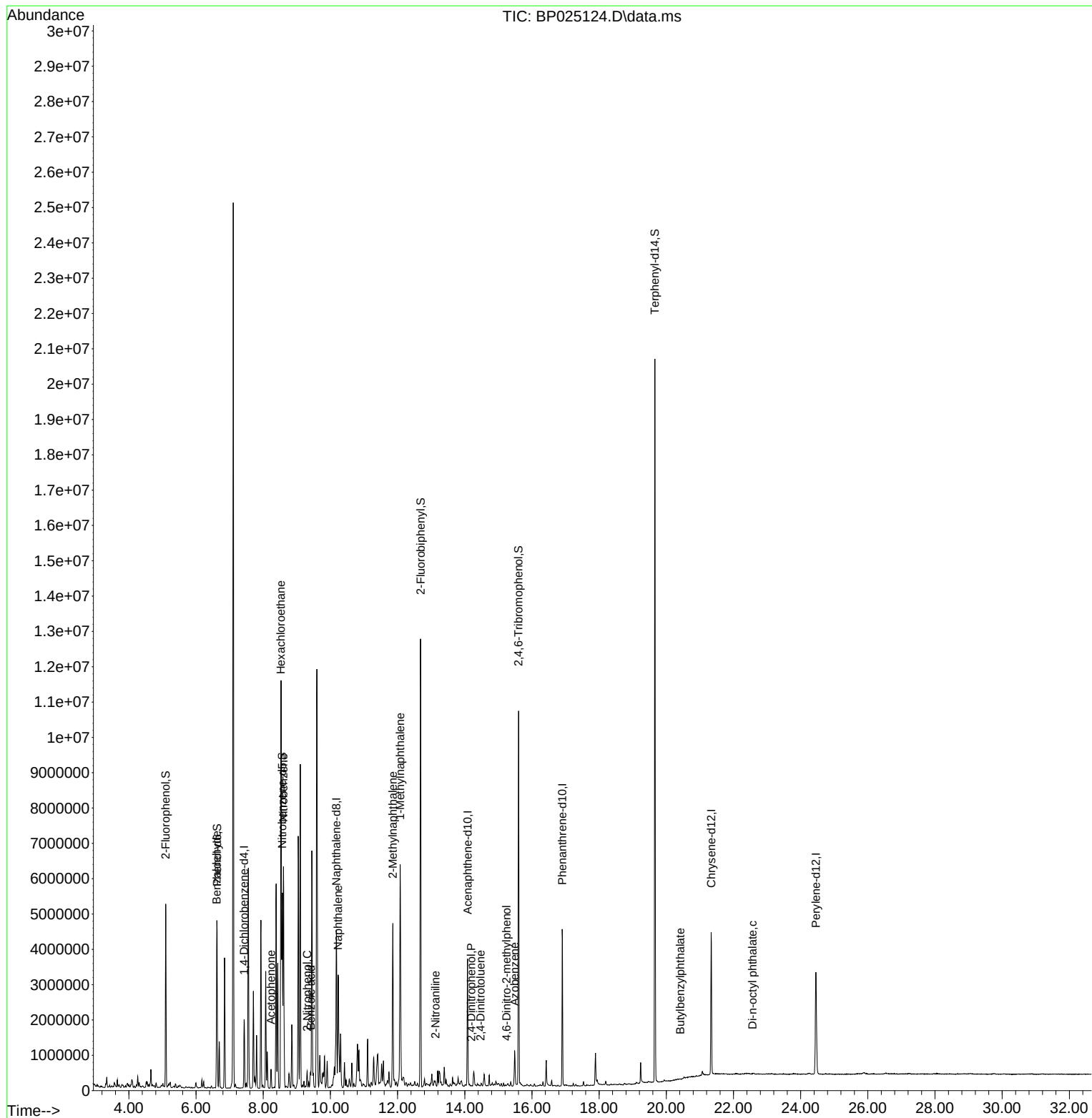
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	556276	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	2052325	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1263038	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2404786	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2404592	20.000	ng	0.00
86) Perylene-d12	24.454	264	2753561	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2223550	70.825	ng	0.00
7) Phenol-d6	6.625	99	1744889	42.589	ng	0.00
23) Nitrobenzene-d5	8.566	82	3049824	98.829	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2263792	151.722	ng	-0.02
45) 2-Fluorobiphenyl	12.684	172	7358512	90.255	ng	-0.01
79) Terphenyl-d14	19.660	244	10816787	98.865	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.614	77	163781	7.655	ng	# 1
18) Hexachloroethane	8.525	117	1047779	80.806	ng	# 1
22) Acetophenone	8.231	105	370020	7.624	ng	# 59
24) Nitrobenzene	8.602	77	197873	6.295	ng	# 1
26) 2-Nitrophenol	9.313	139	146	3.311	ng	# 1
31) Naphthalene	10.225	128	1588756	15.034	ng	98
32) Benzoic acid	9.413	122	14441	6.789	ng	# 1
37) 2-Methylnaphthalene	11.860	142	1687268	22.628	ng	99
38) 1-Methylnaphthalene	12.078	142	3146109	43.263	ng	99
48) 2-Nitroaniline	13.131	65	2082	2.880	ng	# 28
54) 2,4-Dinitrophenol	14.190	184	148	5.401	ng	# 1
57) 2,4-Dinitrotoluene	14.466	165	3390	2.764	ng	# 61
63) Azobenzene	15.484	77	195915	2.478	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.243	198	98	5.587	ng	# 1
80) Butylbenzylphthalate	20.413	149	2026	3.715	ng	# 43
85) Di-n-octyl phthalate	22.566	149	348	6.101	ng	# 1

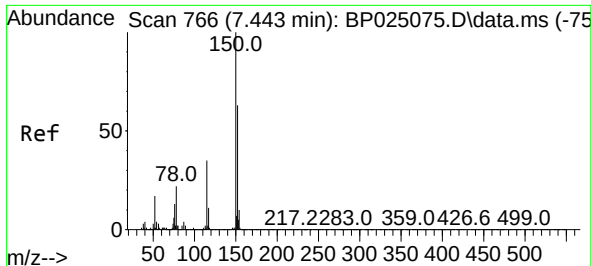
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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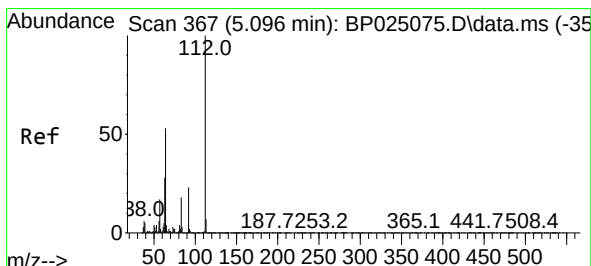
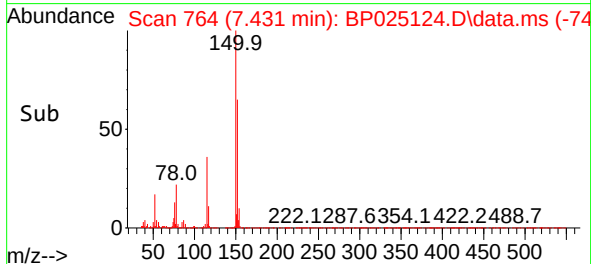
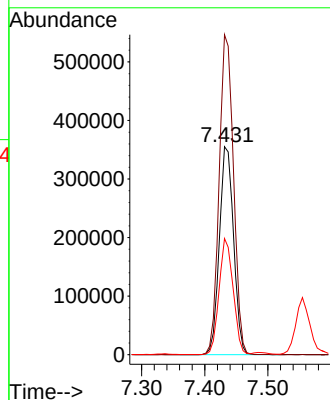
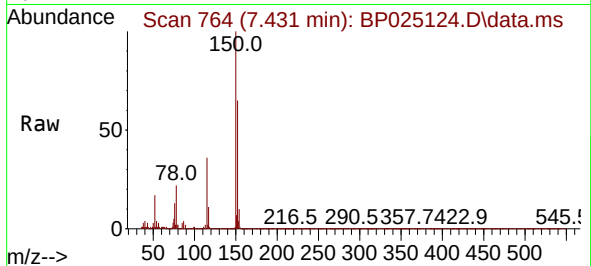




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP025124.D
 Acq: 14 Jul 2025 17:46

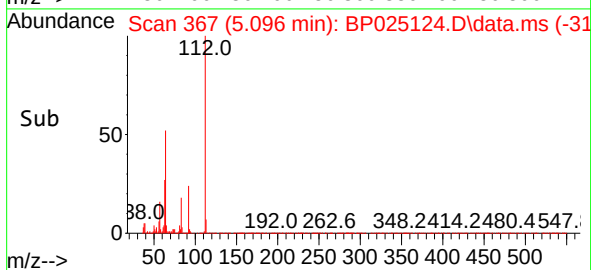
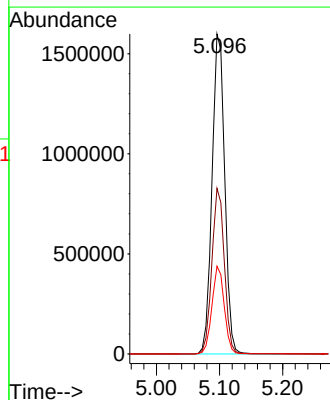
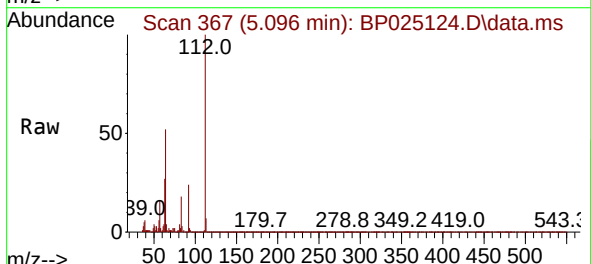
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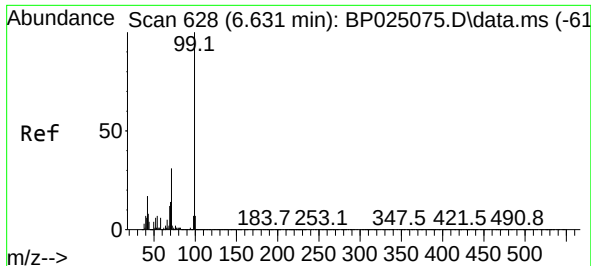
Tgt Ion:152 Resp: 556276
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.1 189.1
 115 55.8 44.3 66.5



#5
 2-Fluorophenol
 Concen: 70.825 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025124.D
 Acq: 14 Jul 2025 17:46

Tgt Ion:112 Resp: 2223550
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.0 63.0
 63 27.4 22.2 33.2

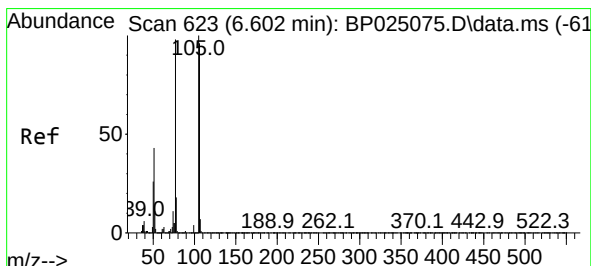
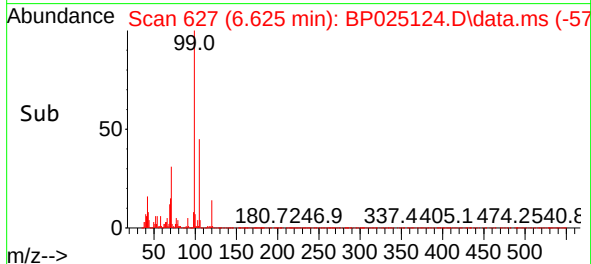
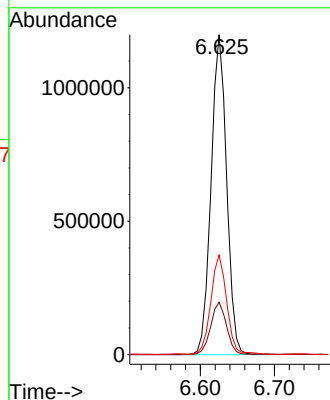
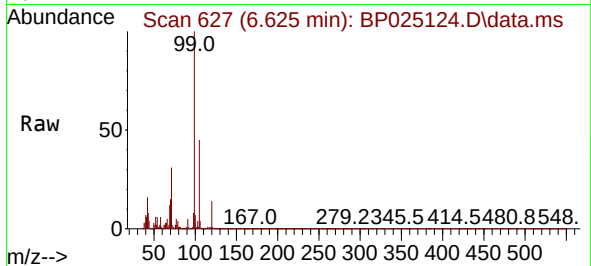




#7
Phenol-d6
Concen: 42.589 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

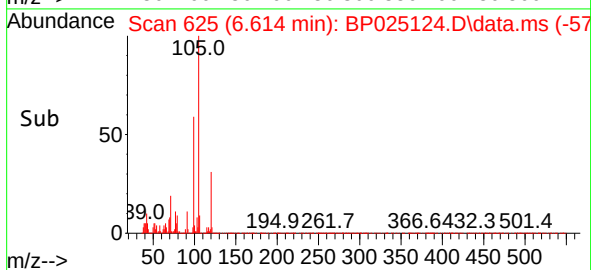
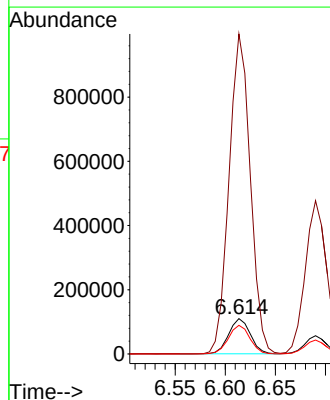
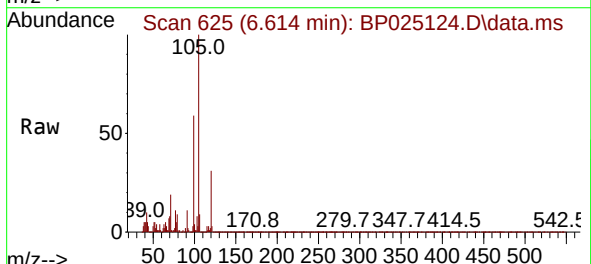
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ClientSampleId :
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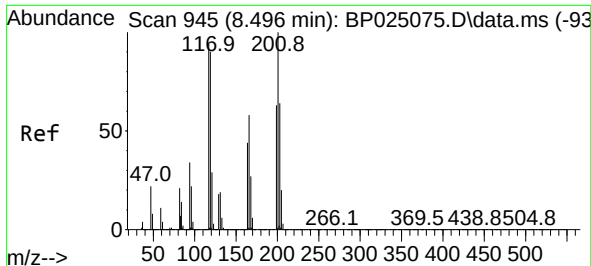
Tgt Ion: 99 Resp: 1744889
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 31.1 24.4 36.6



#9
Benzaldehyde
Concen: 7.655 ng
RT: 6.614 min Scan# 625
Delta R.T. 0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion: 77 Resp: 163781
Ion Ratio Lower Upper
77 100
105 905.8 82.4 122.4#
106 81.2 78.3 118.3

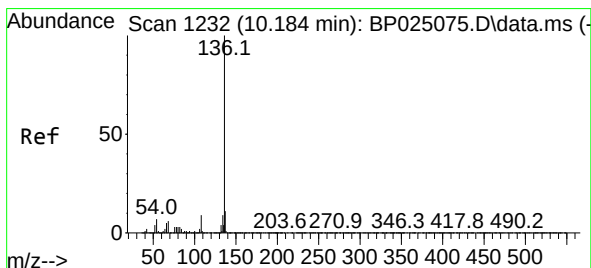
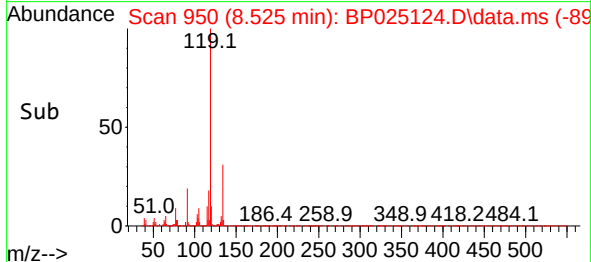
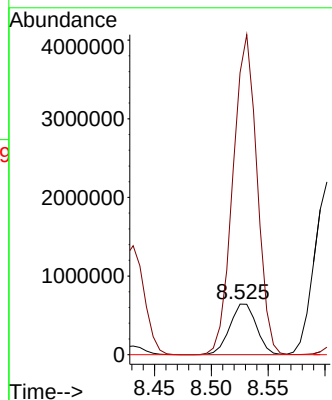
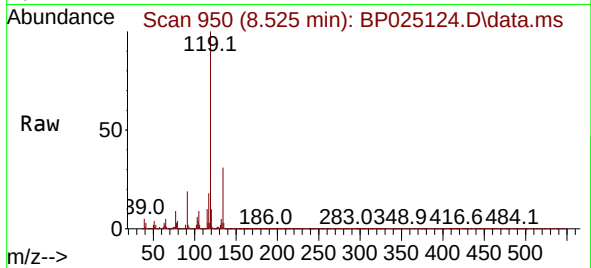




#18
Hexachloroethane
Concen: 80.806 ng
RT: 8.525 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

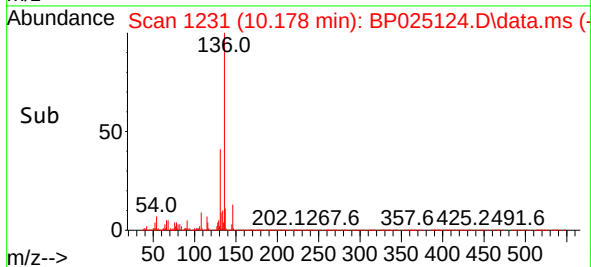
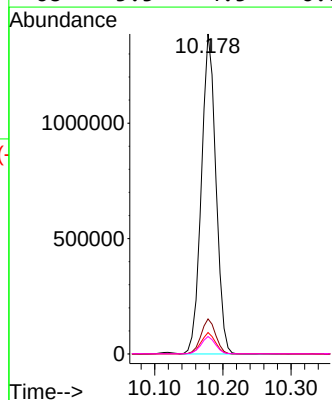
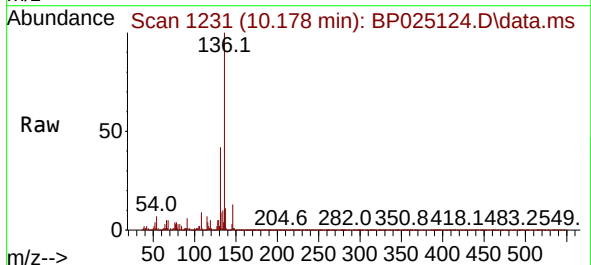
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ClientSampleId :
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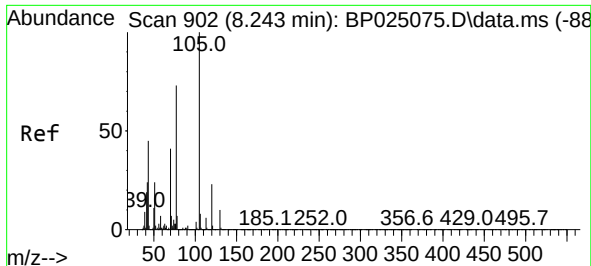
Tgt Ion:117 Resp: 1047779
Ion Ratio Lower Upper
117 100
119 556.8 76.6 115.0#
201 0.0 85.4 128.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:136 Resp: 2052325
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 5.4 8.2
68 5.5 4.5 6.7

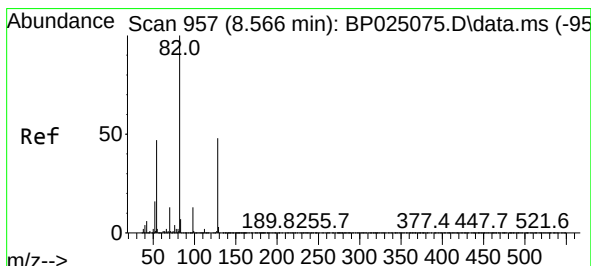
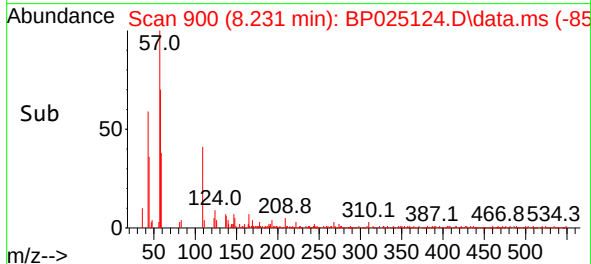
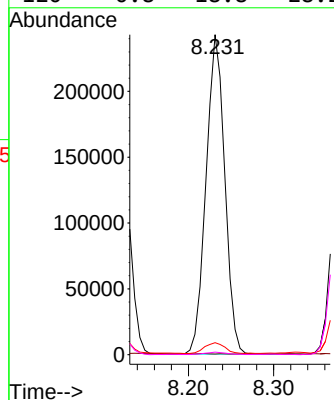
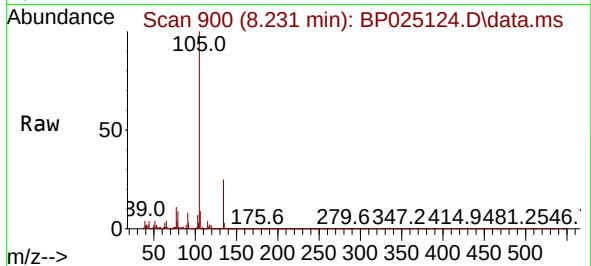




#22
Acetophenone
Concen: 7.624 ng
RT: 8.231 min Scan# 902
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

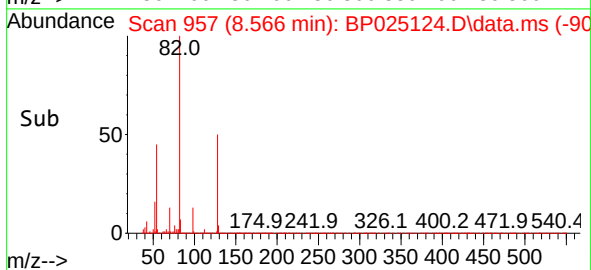
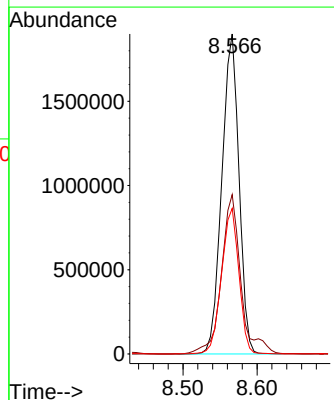
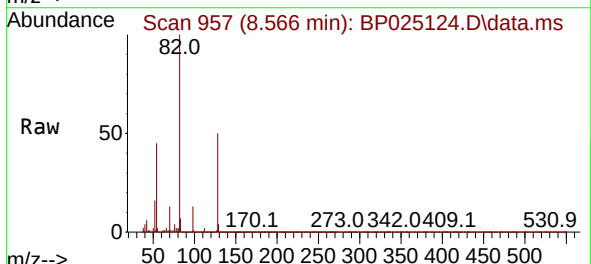
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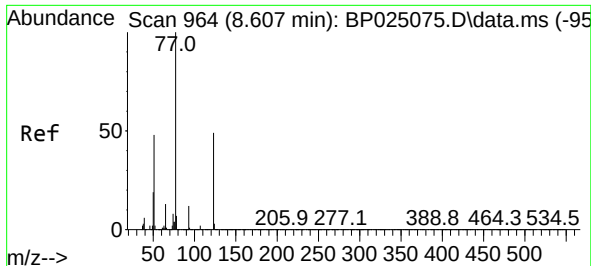
Tgt Ion:105 Resp: 370020
Ion Ratio Lower Upper
105 100
71 0.2 5.4 8.2#
51 3.8 19.6 29.4#
120 0.8 18.8 28.2#



#23
Nitrobenzene-d5
Concen: 98.829 ng
RT: 8.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion: 82 Resp: 3049824
Ion Ratio Lower Upper
82 100
128 49.8 38.4 57.6
54 45.5 37.8 56.6

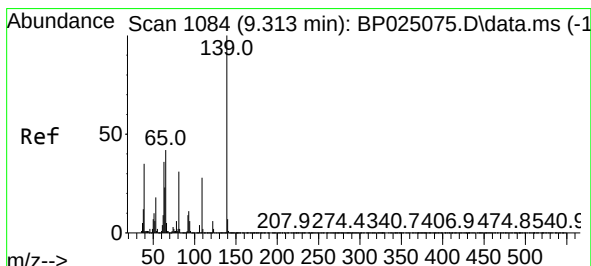
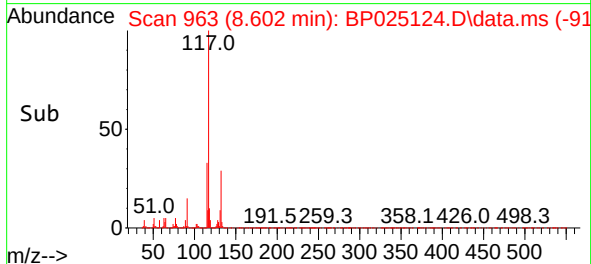
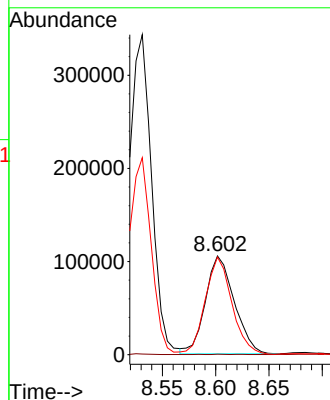
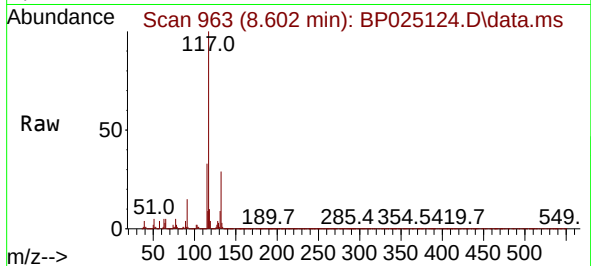




#24
Nitrobenzene
Concen: 6.295 ng
RT: 8.602 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

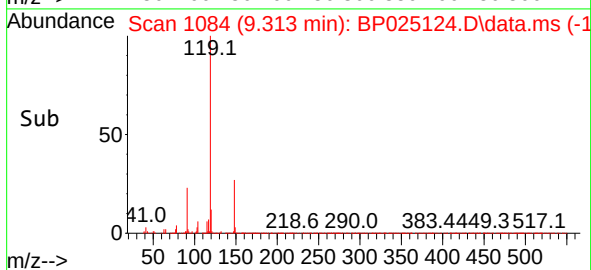
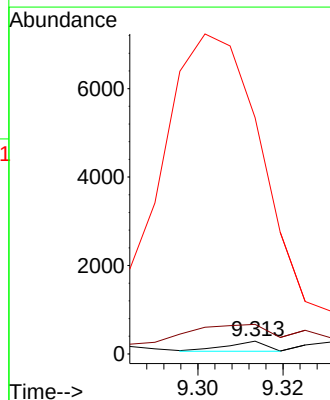
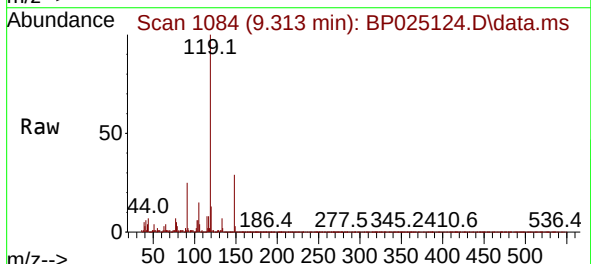
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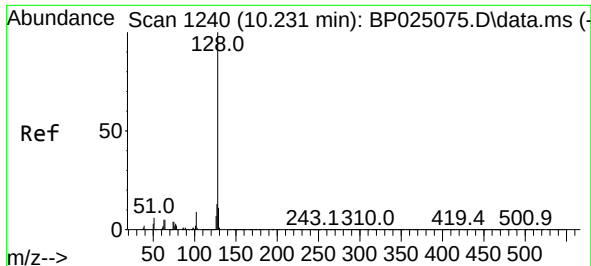
Tgt Ion: 77 Resp: 197873
Ion Ratio Lower Upper
77 100
123 0.4 39.0 58.6#
65 98.9 10.7 16.1#



#26
2-Nitrophenol
Concen: 3.311 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:139 Resp: 146
Ion Ratio Lower Upper
139 100
109 230.3 22.3 33.5#
65 1842.4 33.8 50.8#

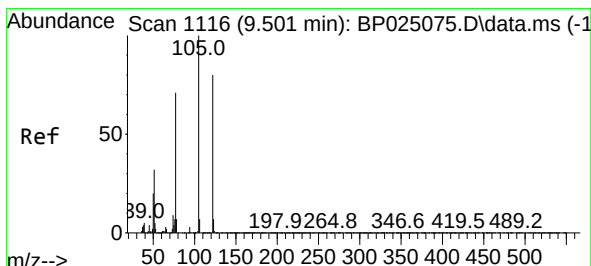
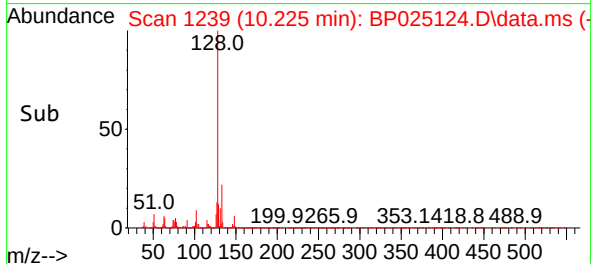
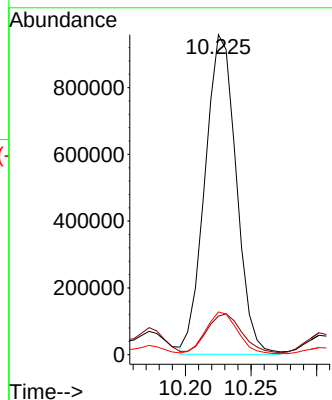
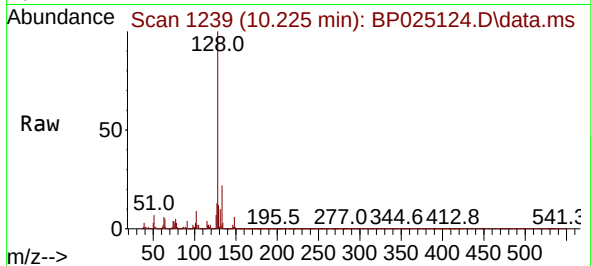




#31
Naphthalene
Concen: 15.034 ng
RT: 10.225 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

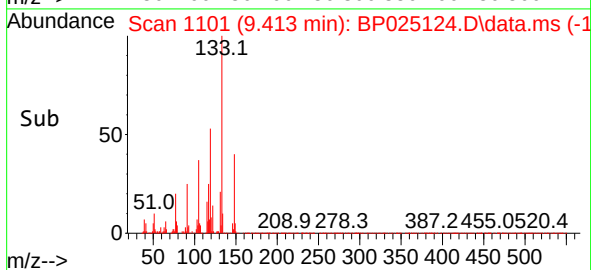
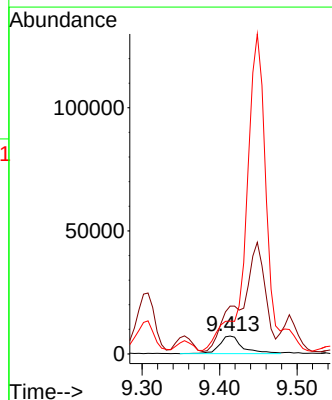
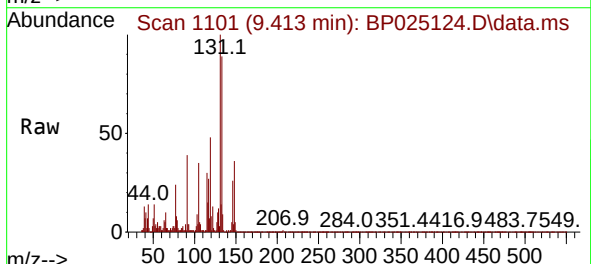
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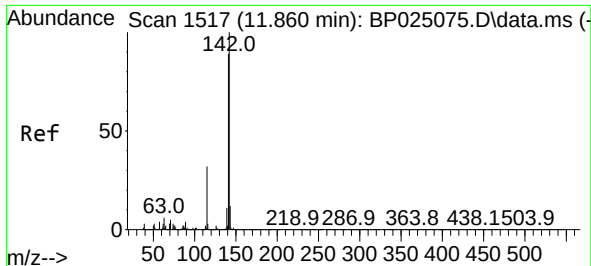
Tgt Ion:128 Resp: 1588756
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 6.789 ng
RT: 9.413 min Scan# 1101
Delta R.T. -0.088 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:122 Resp: 14441
Ion Ratio Lower Upper
122 100
105 266.3 101.0 141.0#
77 183.0 67.6 107.6#

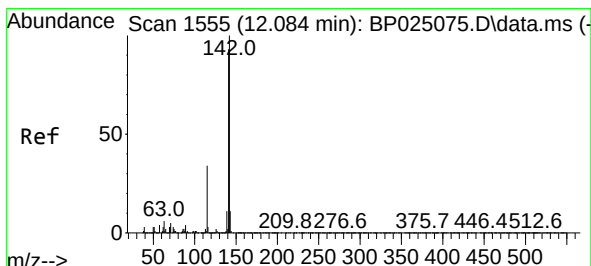
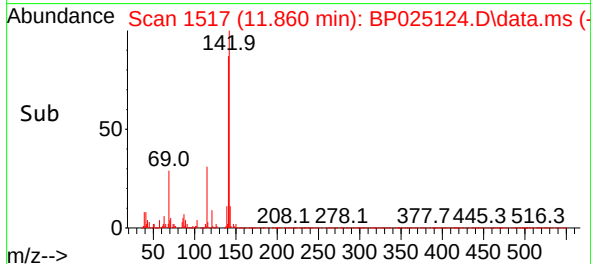
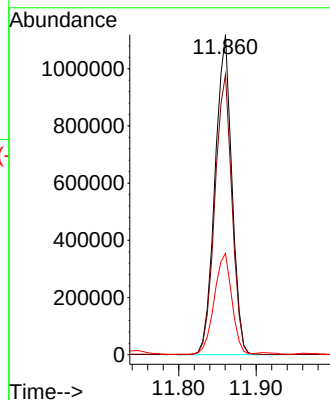
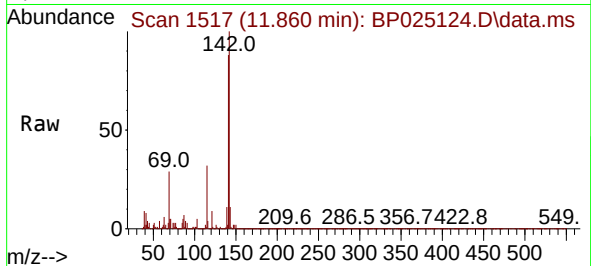




#37
2-Methylnaphthalene
Concen: 22.628 ng
RT: 11.860 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

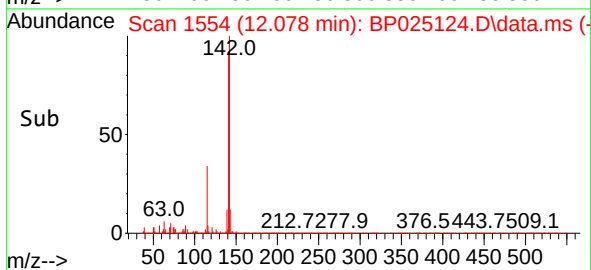
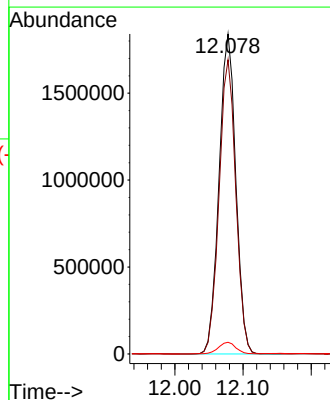
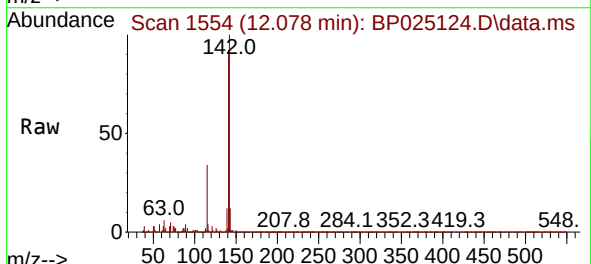
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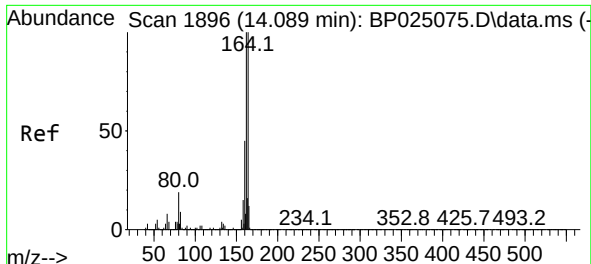
Tgt Ion:142 Resp: 1687268
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 43.263 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:142 Resp: 3146109
Ion Ratio Lower Upper
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141 92.0 74.1 111.1
116 3.6 2.7 4.1

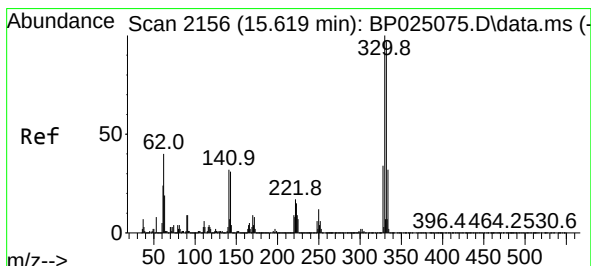
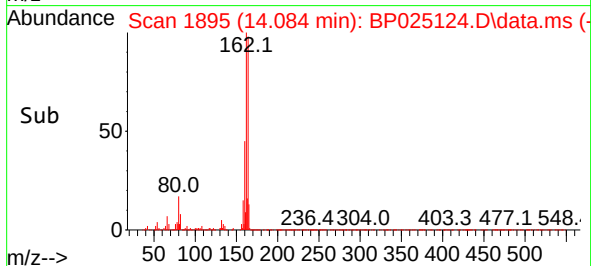
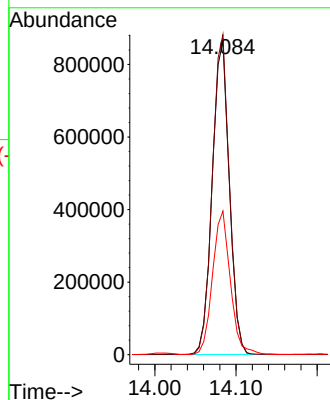
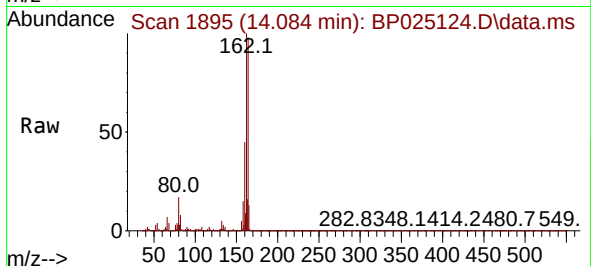




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

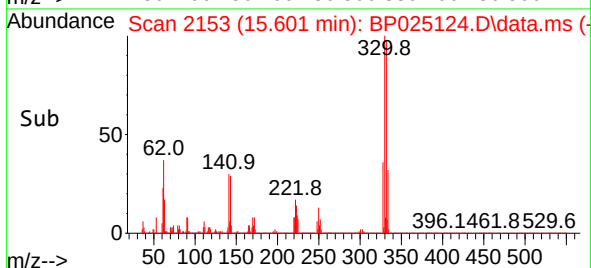
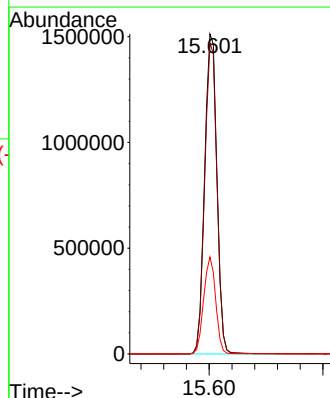
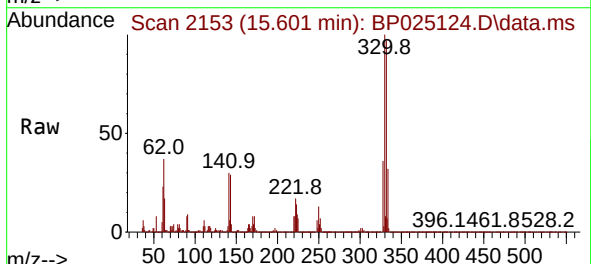
Instrument :
BNA_P
ClientSampleId :
AOC-201

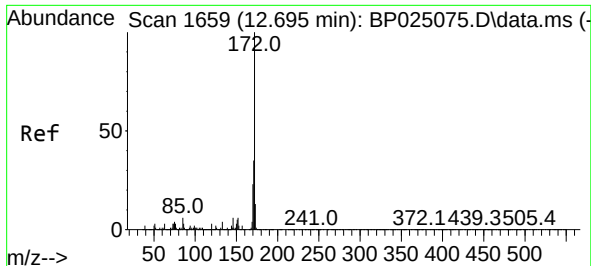
Tgt Ion:164 Resp: 1263038
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 151.722 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:330 Resp: 2263792
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 29.6 26.0 39.0

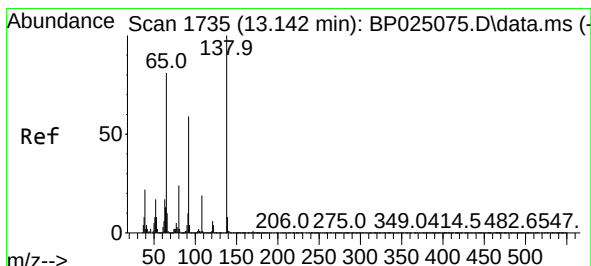
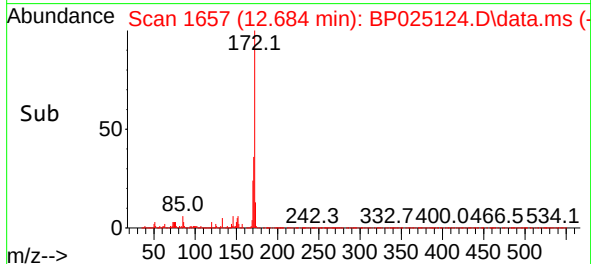
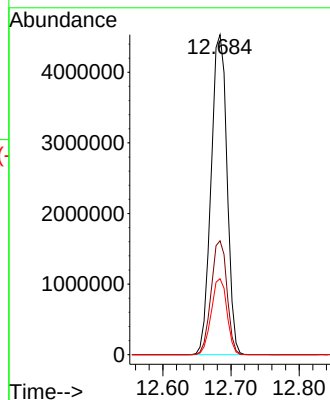
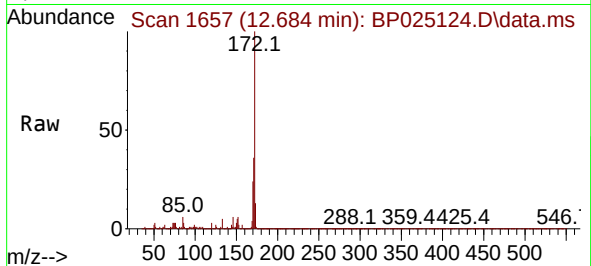




#45
2-Fluorobiphenyl
Concen: 90.255 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

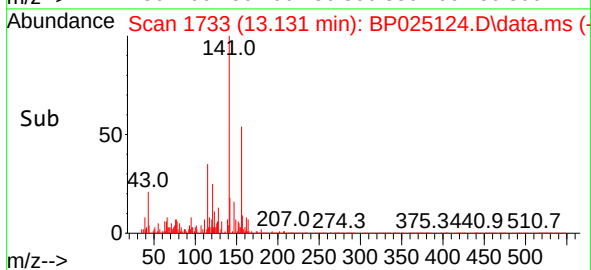
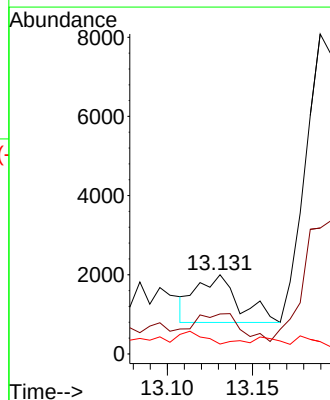
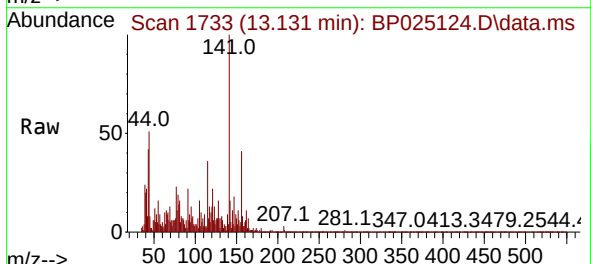
Instrument :
BNA_P
ClientSampleId :
AOC-201

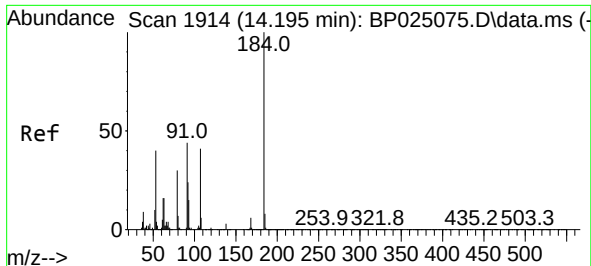
Tgt Ion:172 Resp: 7358512
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 18.7 28.1



#48
2-Nitroaniline
Concen: 2.880 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion: 65 Resp: 2082
Ion Ratio Lower Upper
65 100
92 50.5 58.7 88.1#
138 12.6 99.0 148.4#

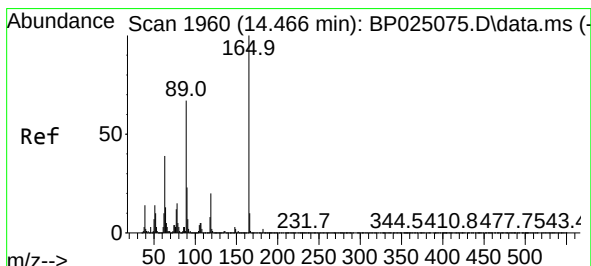
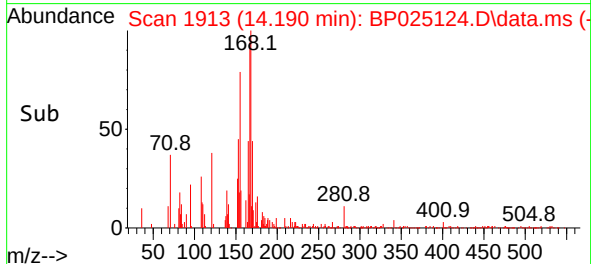
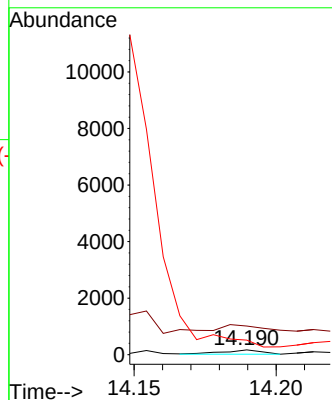
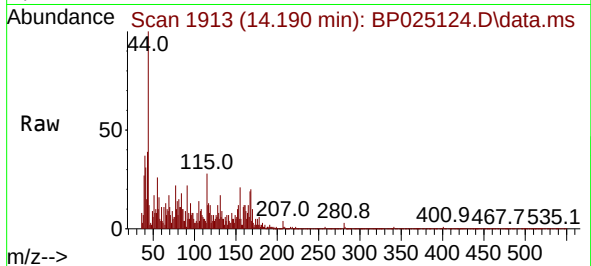




#54
2,4-Dinitrophenol
Concen: 5.401 ng
RT: 14.190 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

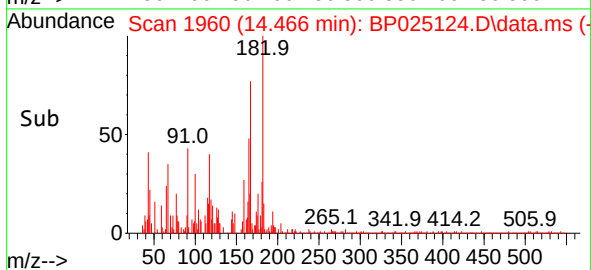
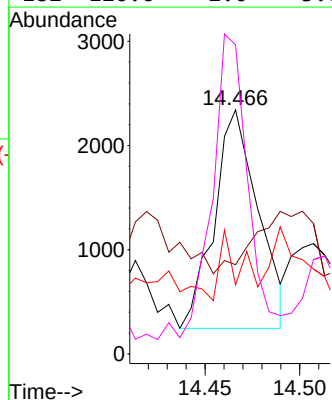
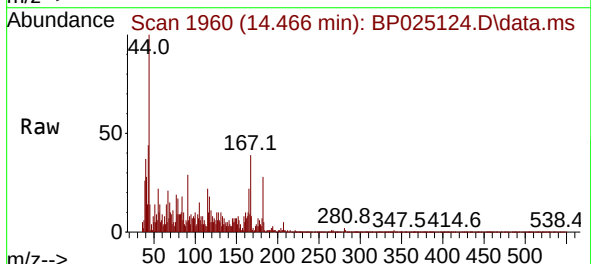
Instrument :
BNA_P
ClientSampleId :
AOC-201

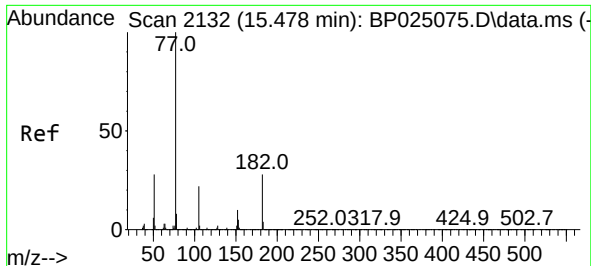
Tgt Ion:184 Resp: 148
Ion Ratio Lower Upper
184 100
63 604.2 47.4 71.0#
154 307.1 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 2.764 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:165 Resp: 3390
Ion Ratio Lower Upper
165 100
63 36.6 31.0 46.4
89 28.3 53.4 80.0#
182 126.6 2.0 3.0#

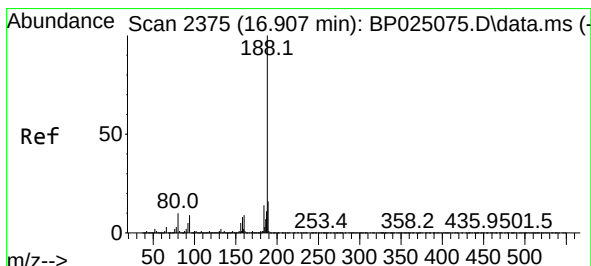
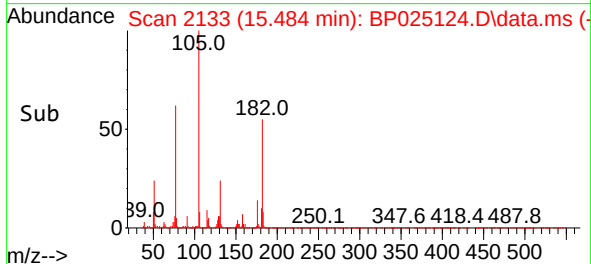
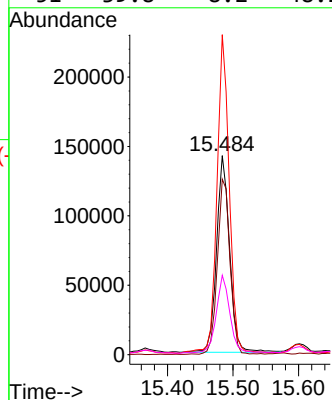
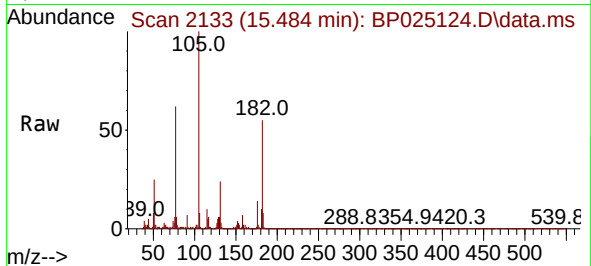




#63
Azobenzene
Concen: 2.478 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

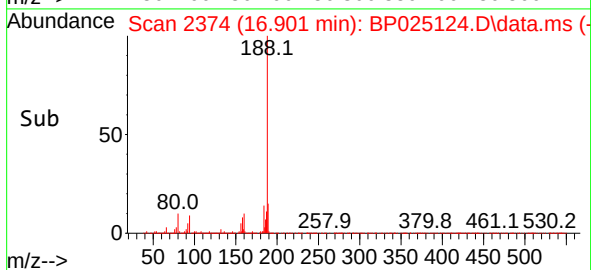
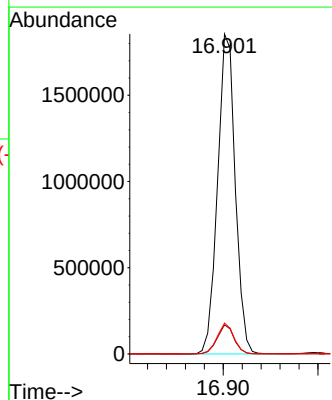
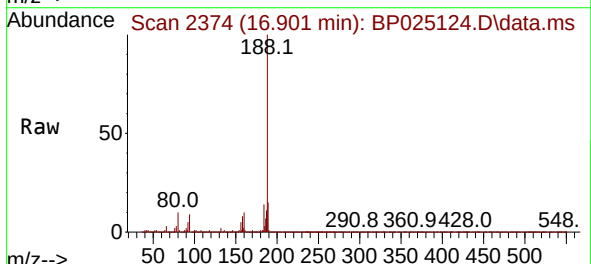
Instrument :
BNA_P
ClientSampleId :
AOC-201

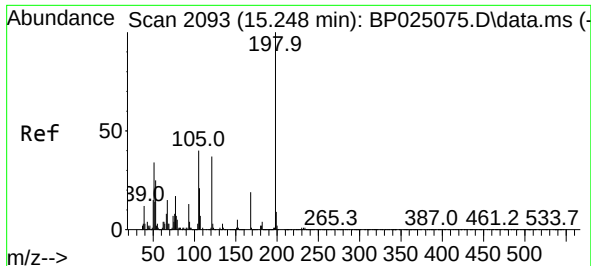
Tgt Ion: 77 Resp: 195915
Ion Ratio Lower Upper
77 100
182 88.2 7.7 47.7#
105 160.8 1.9 41.9#
51 39.8 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:188 Resp: 2404786
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 9.6 7.8 11.6

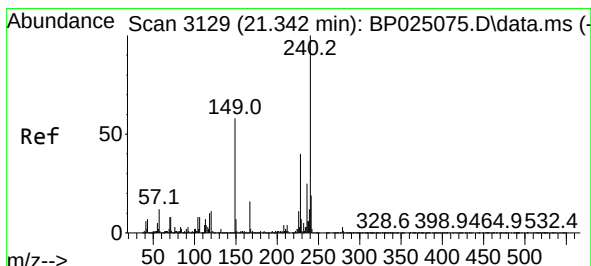
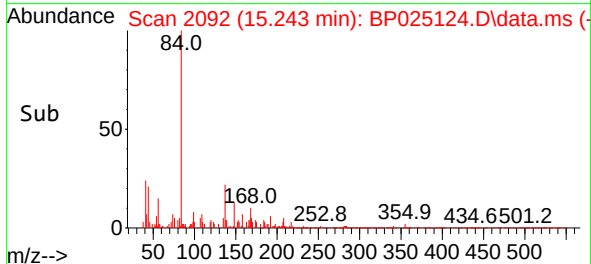
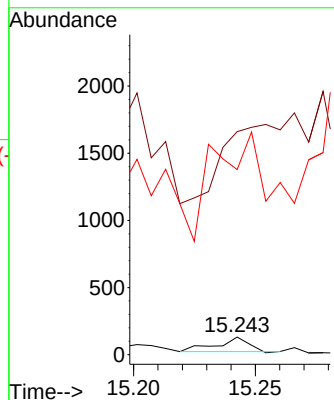
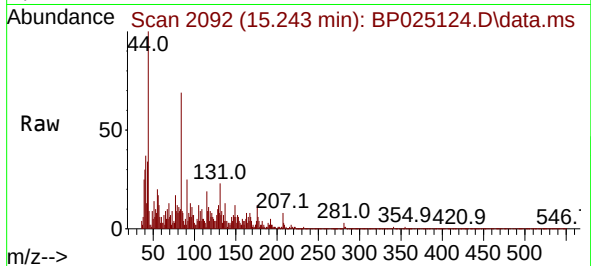




#65
4,6-Dinitro-2-methylphenol
Concen: 5.587 ng
RT: 15.243 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

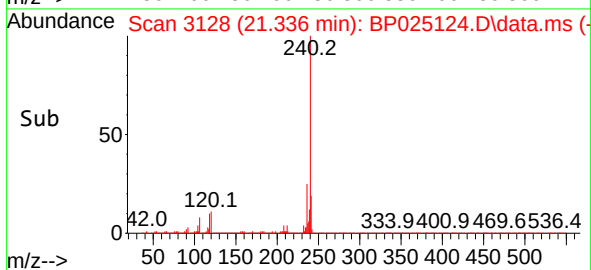
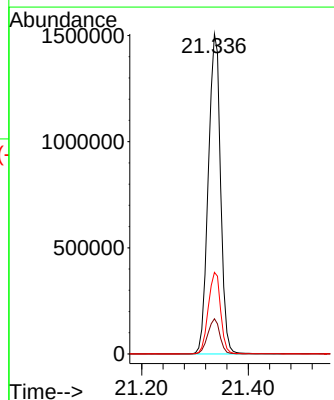
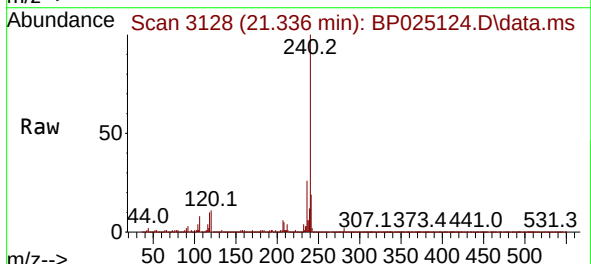
Instrument :
BNA_P
ClientSampleId :
AOC-201

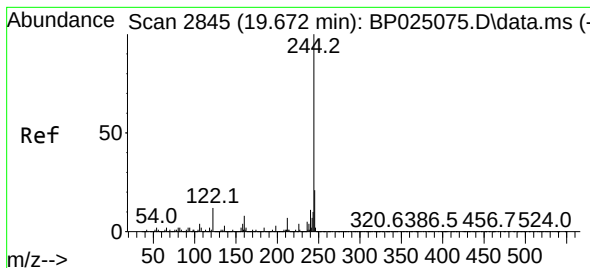
Tgt Ion:198 Resp: 98
Ion Ratio Lower Upper
198 100
51 1258.3 16.8 56.8#
105 1043.9 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:240 Resp: 2404592
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 98.865 ng

RT: 19.660 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BP025124.D

Acq: 14 Jul 2025 17:46

Instrument :

BNA_P

ClientSampleId :

AOC-201

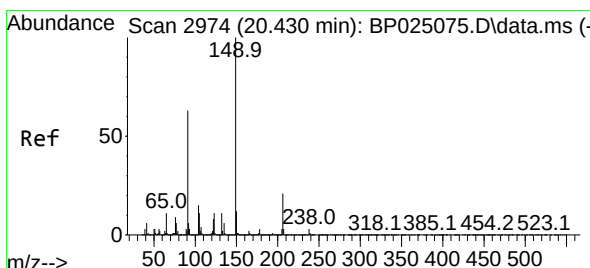
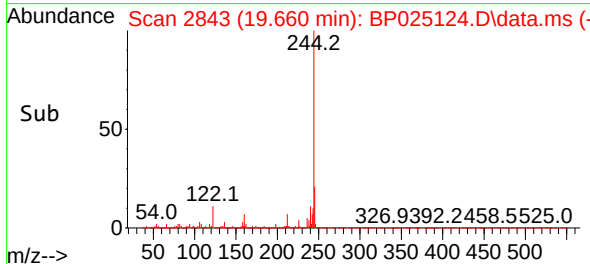
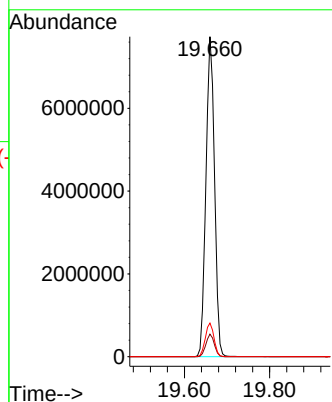
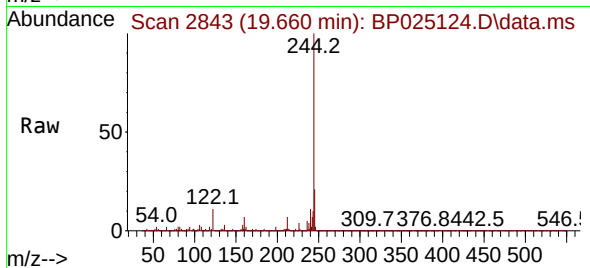
Tgt Ion:244 Resp:10816787

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.5 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.715 ng

RT: 20.413 min Scan# 2971

Delta R.T. -0.017 min

Lab File: BP025124.D

Acq: 14 Jul 2025 17:46

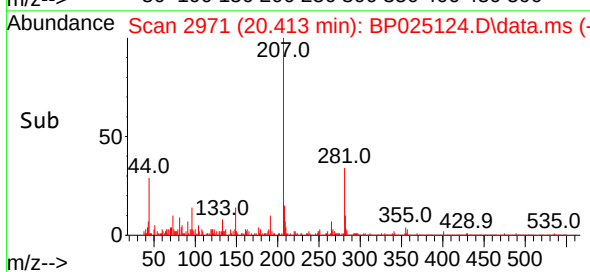
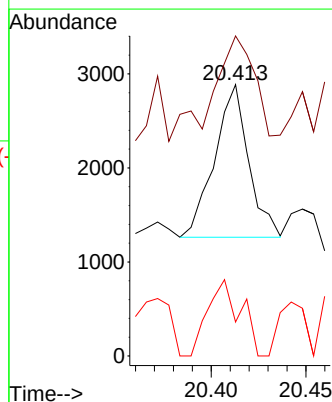
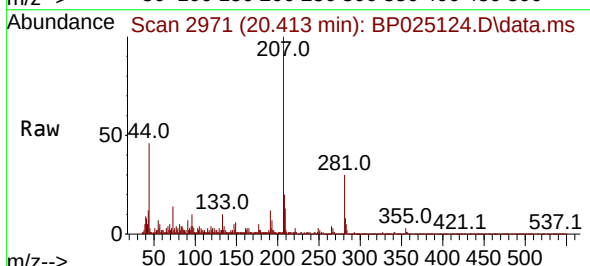
Tgt Ion:149 Resp: 2026

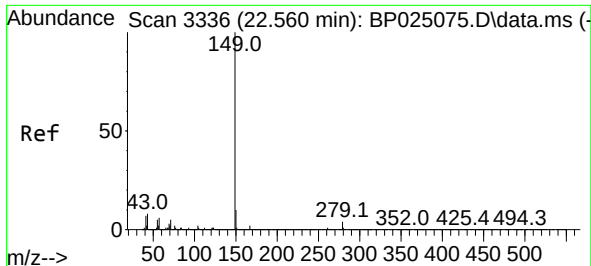
Ion Ratio Lower Upper

149 100

91 117.9 50.6 76.0#

206 12.5 17.2 25.8#

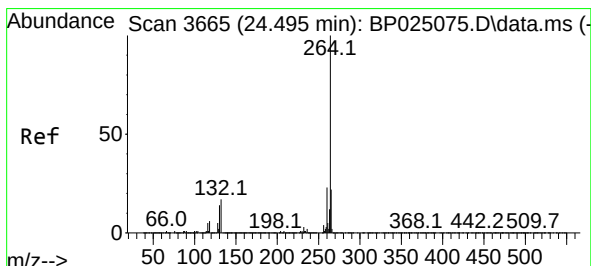
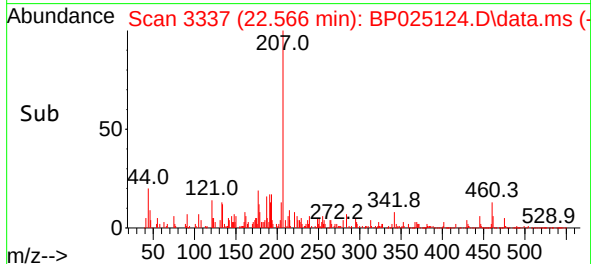
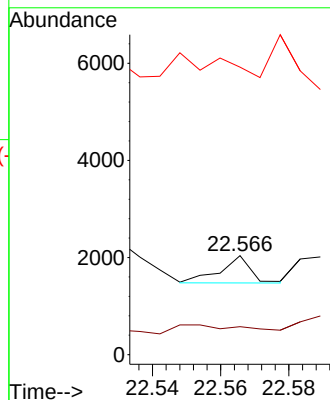
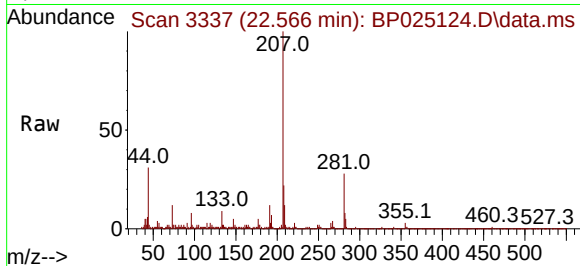




#85
Di-n-octyl phthalate
Concen: 6.101 ng
RT: 22.566 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:149 Resp: 348
Ion Ratio Lower Upper
149 100
167 127.0 1.3 1.9#
43 129.3 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.041 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:264 Resp: 2753561
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.8 17.7 26.5

