

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025109.D
 Acq On : 11 Jul 2025 18:30
 Operator : CG/JU
 Sample : PB168802BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168802BL

Quant Time: Jul 11 23:11:31 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)

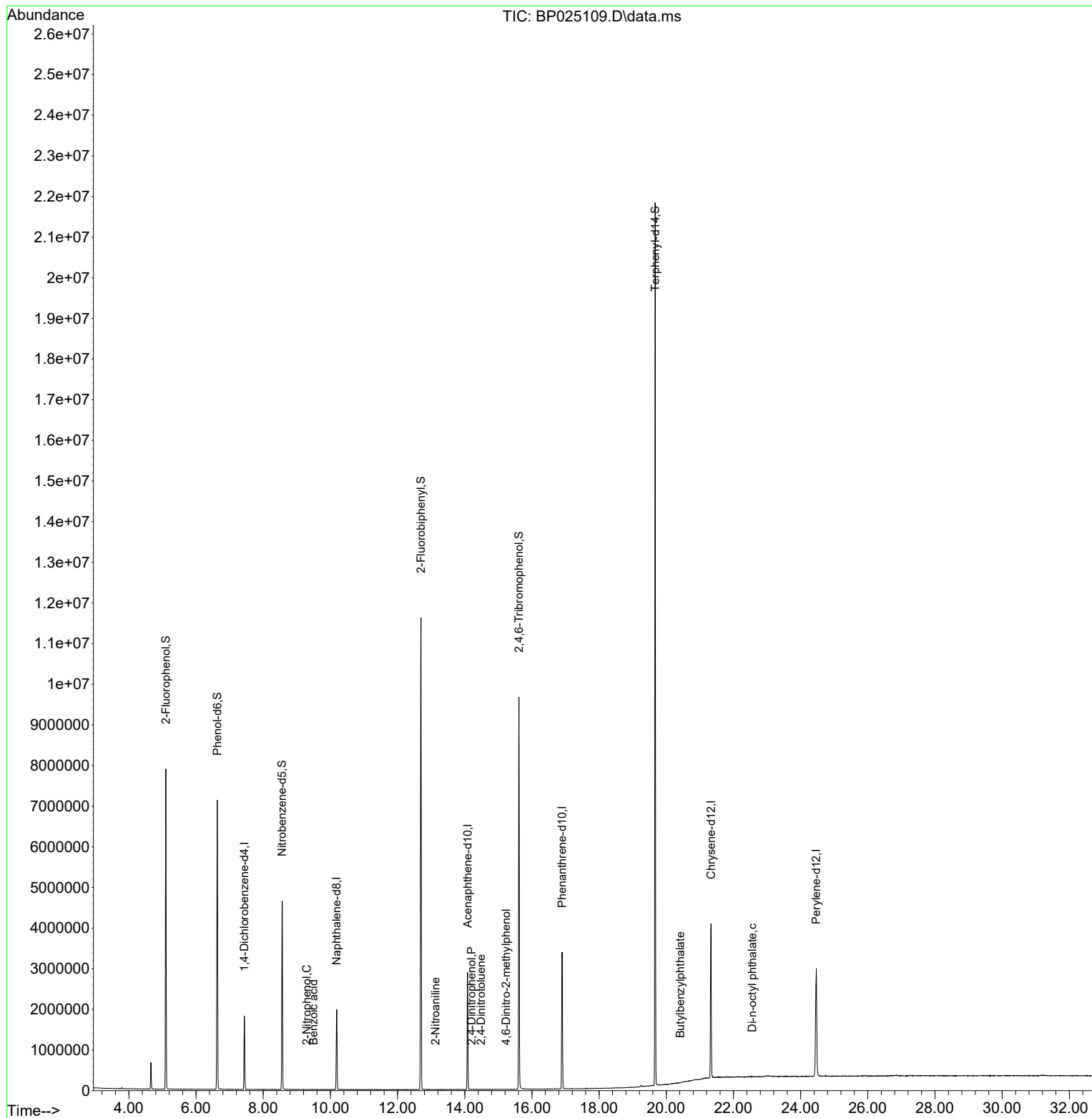
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	466544	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1758191	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1067555	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2253667	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	2334398	20.000	ng	-0.01
86) Perylene-d12	24.465	264	2566468	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3435085	130.458	ng	0.00
7) Phenol-d6	6.631	99	4201751	122.281	ng	0.00
23) Nitrobenzene-d5	8.560	82	2472785	93.535	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1890592	149.911	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	6422103	93.193	ng	0.00
79) Terphenyl-d14	19.672	244	10214897	96.171	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.296	139	27	3.304	ng	# 1
32) Benzoic acid	9.496	122	166	6.211	ng	# 4
48) 2-Nitroaniline	13.131	65	216	2.779	ng	# 34
54) 2,4-Dinitrophenol	14.201	184	4	5.386	ng	# 1
57) 2,4-Dinitrotoluene	14.484	165	259	2.648	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.225	198	32	5.581	ng	# 1
80) Butylbenzylphthalate	20.419	149	379	3.688	ng	# 88
85) Di-n-octyl phthalate	22.560	149	372	6.101	ng	# 1

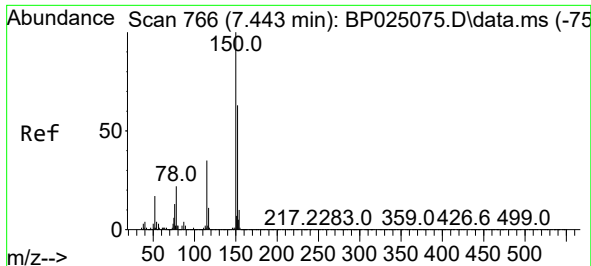
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 03 16:05:44 2025
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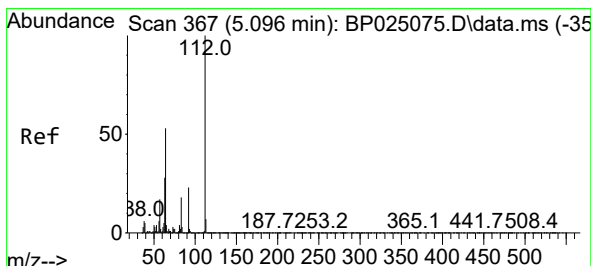
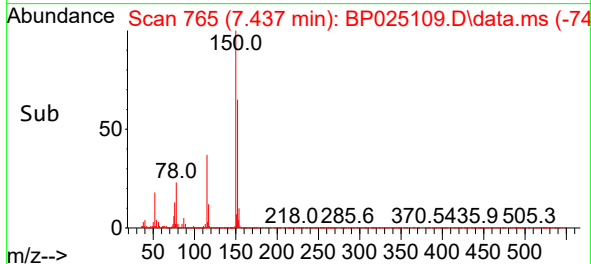
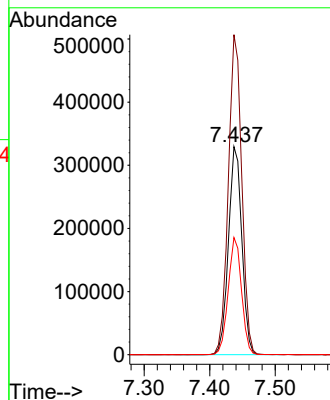
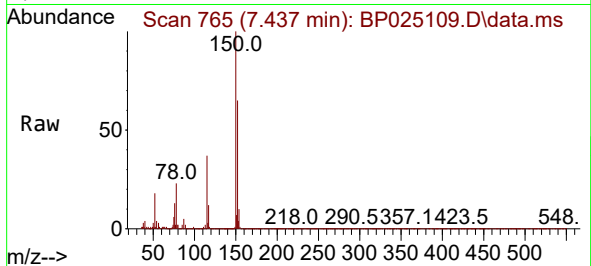




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

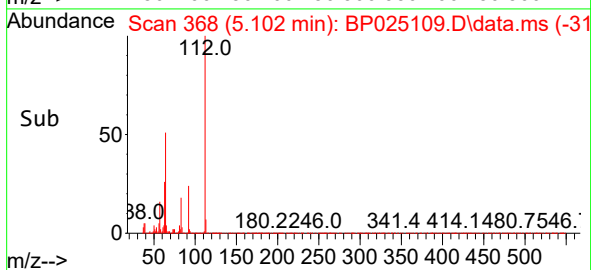
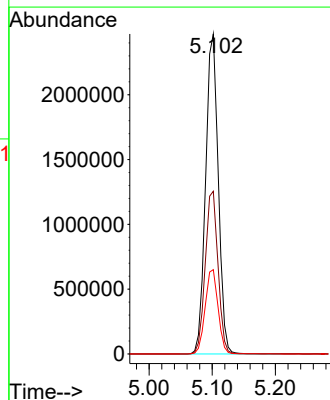
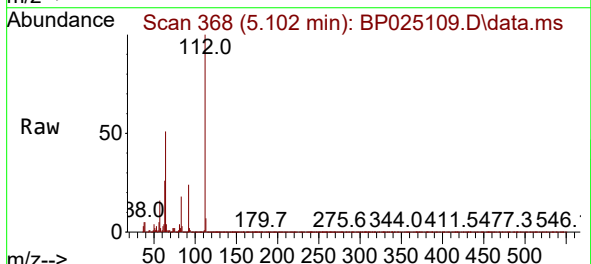
Instrument :
BNA_P
ClientSampleId :
PB168802BL

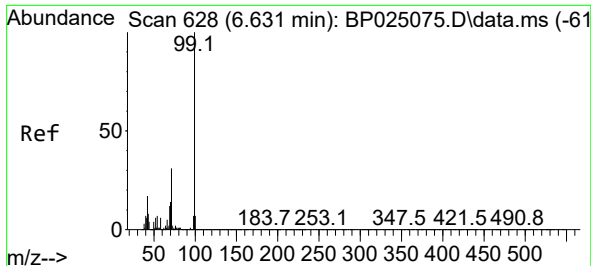
Tgt Ion:152 Resp: 466544
Ion Ratio Lower Upper
152 100
150 153.8 126.1 189.1
115 56.3 44.3 66.5



#5
2-Fluorophenol
Concen: 130.458 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:112 Resp: 3435085
Ion Ratio Lower Upper
112 100
64 50.9 42.0 63.0
63 26.4 22.2 33.2



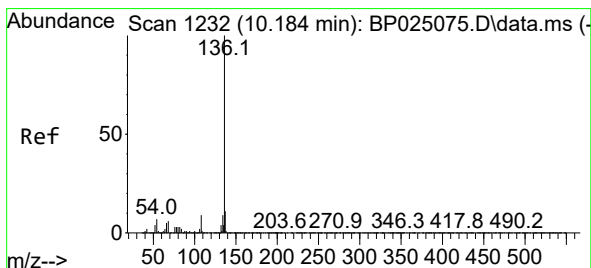
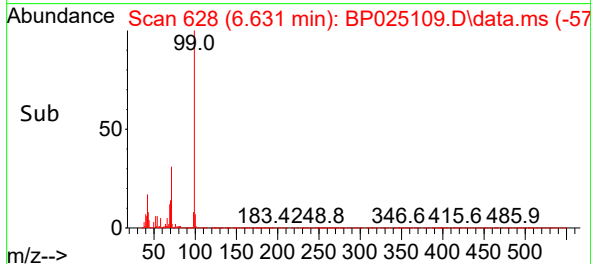
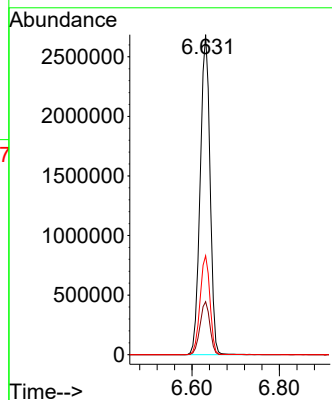
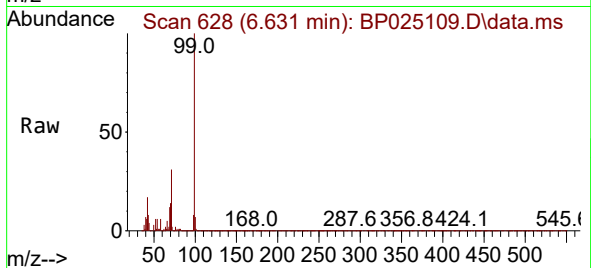


#7
Phenol-d6
Concen: 122.281 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Instrument :
BNA_P
ClientSampleId :
PB168802BL

Tgt Ion: 99 Resp: 4201751

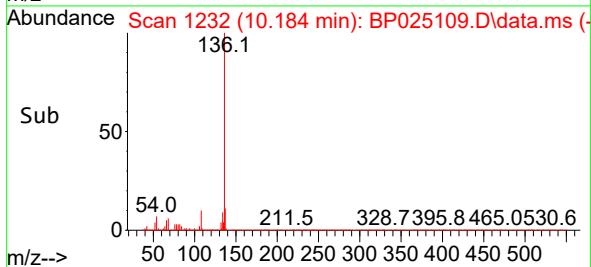
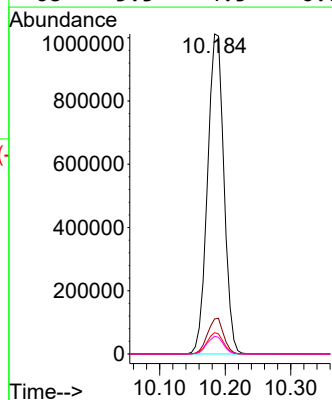
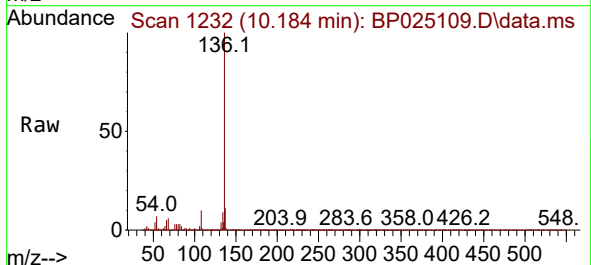
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	30.9	24.4	36.6

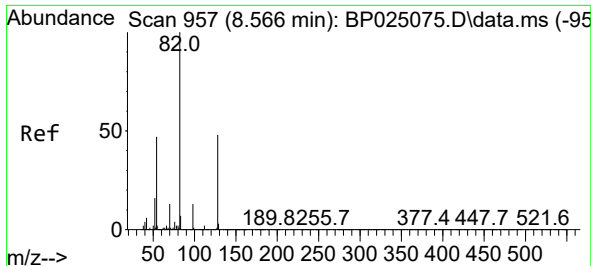


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion: 136 Resp: 1758191

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7

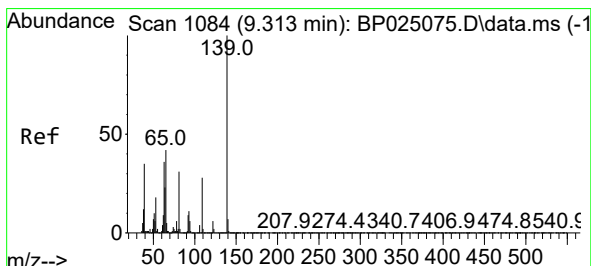
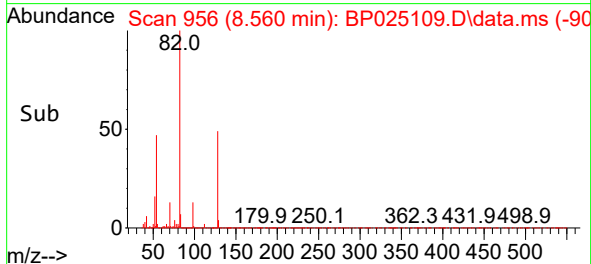
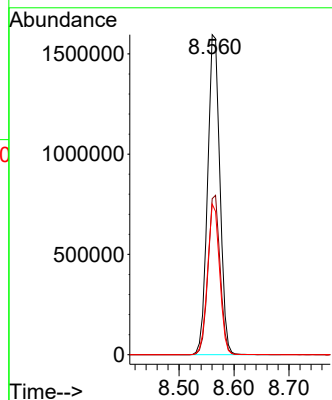
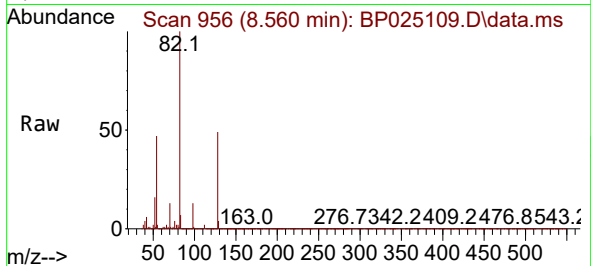




#23
Nitrobenzene-d5
Concen: 93.535 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

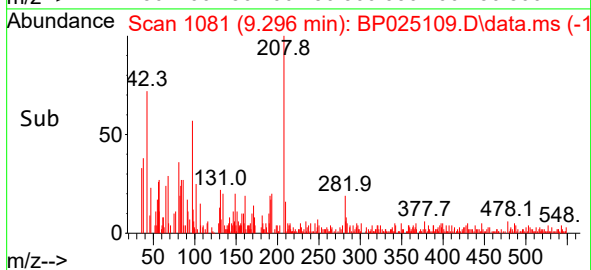
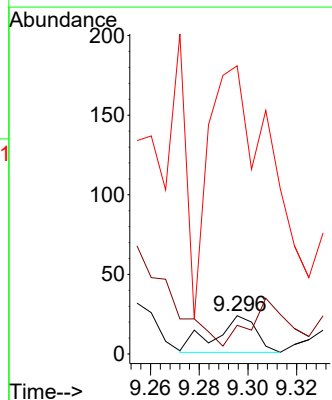
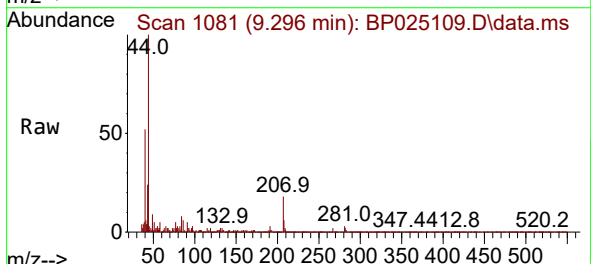
Instrument :
BNA_P
ClientSampleId :
PB168802BL

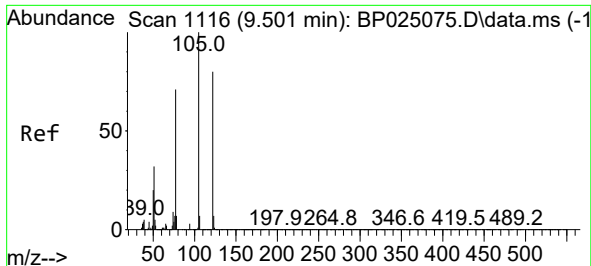
Tgt Ion: 82 Resp: 2472785
Ion Ratio Lower Upper
82 100
128 48.7 38.4 57.6
54 47.1 37.8 56.6



#26
2-Nitrophenol
Concen: 3.304 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 75.0 22.3 33.5#
65 754.2 33.8 50.8#

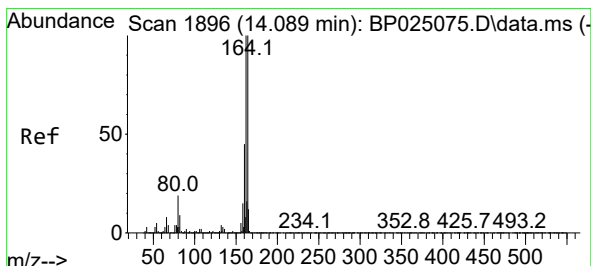
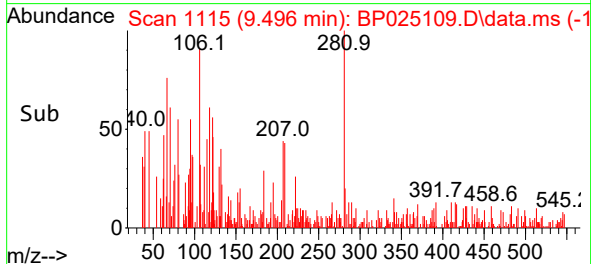
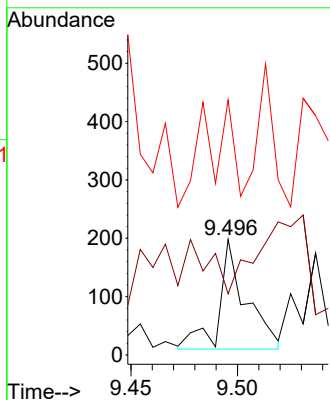
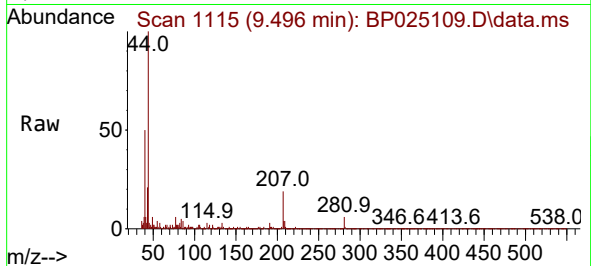




#32
Benzoic acid
Concen: 6.211 ng
RT: 9.496 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

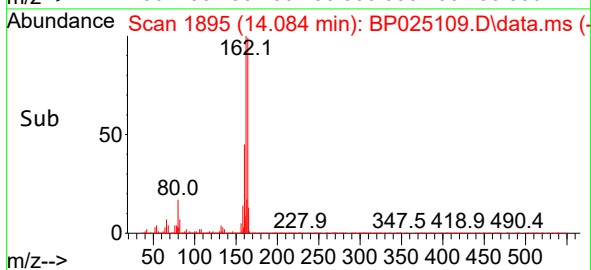
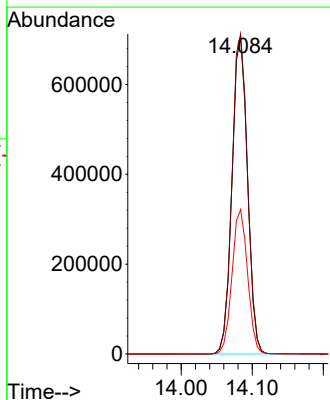
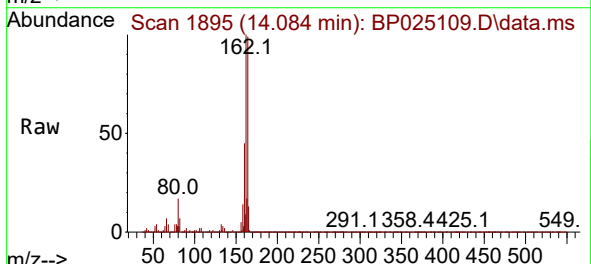
Instrument :
BNA_P
ClientSampleId :
PB168802BL

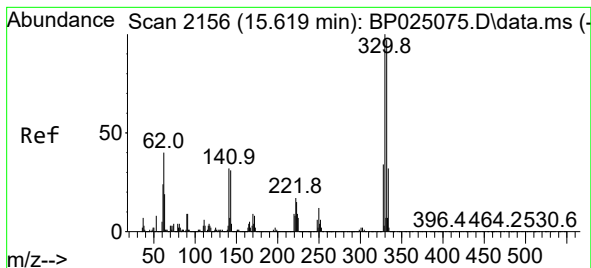
Tgt Ion:122 Resp: 166
Ion Ratio Lower Upper
122 100
105 53.0 101.0 141.0#
77 220.7 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:164 Resp: 1067555
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 45.6 35.9 53.9

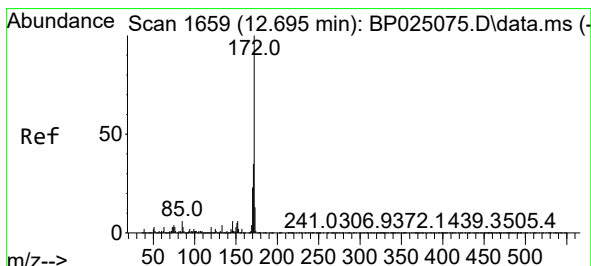
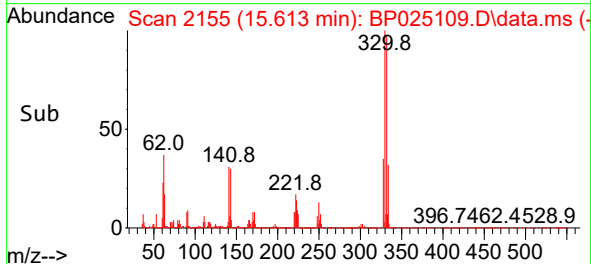
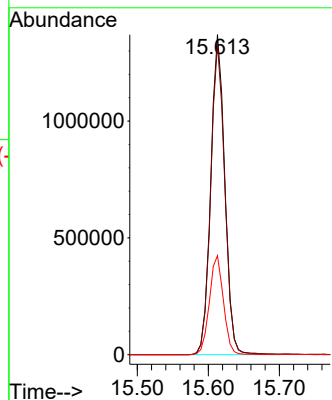
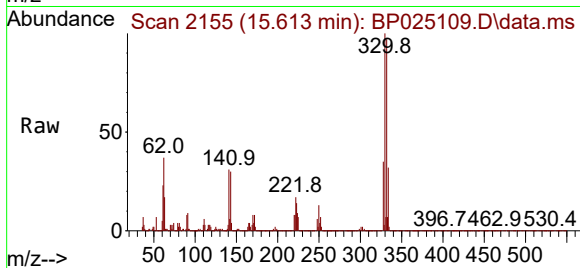




#42
2,4,6-Tribromophenol
Concen: 149.911 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

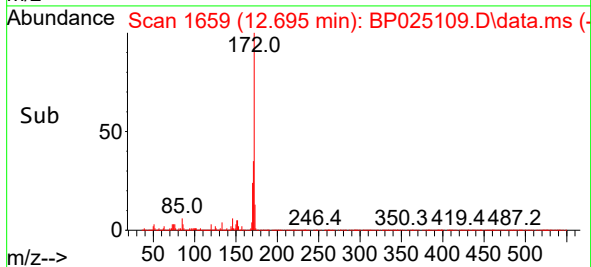
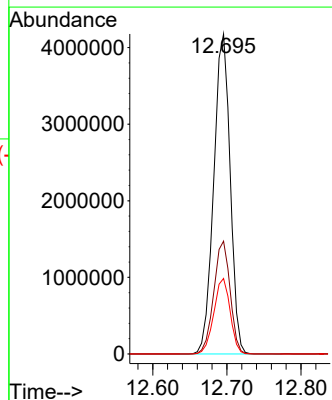
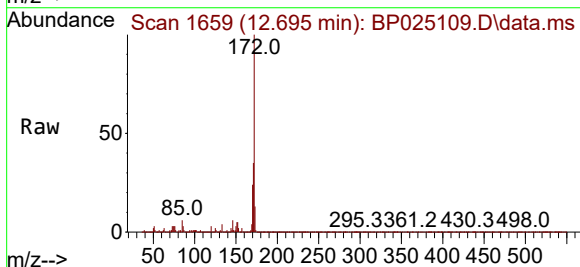
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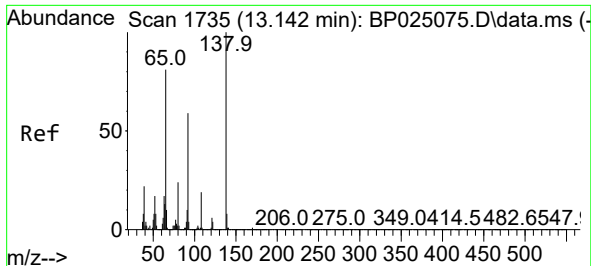
Tgt Ion:330 Resp: 1890592
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 30.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 93.193 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:172 Resp: 6422103
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.7 28.1

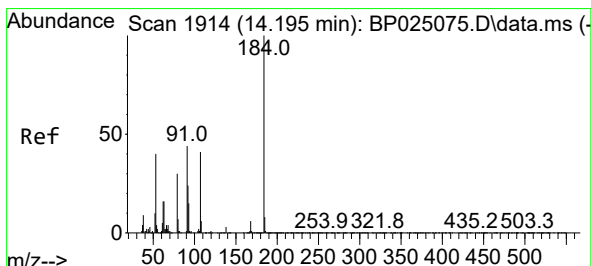
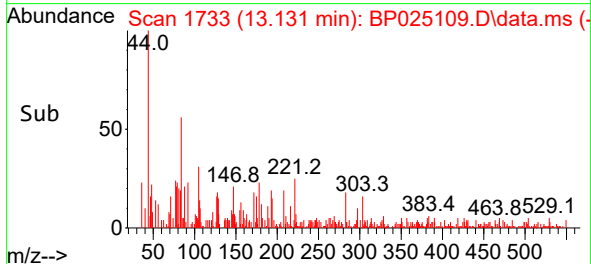
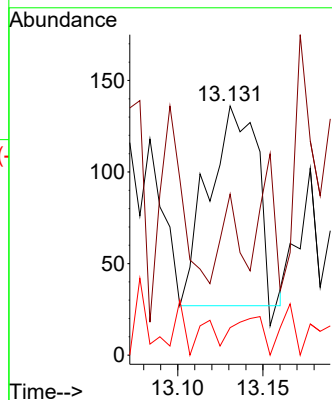
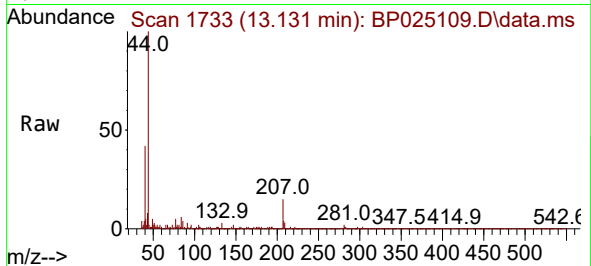




#48
2-Nitroaniline
Concen: 2.779 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

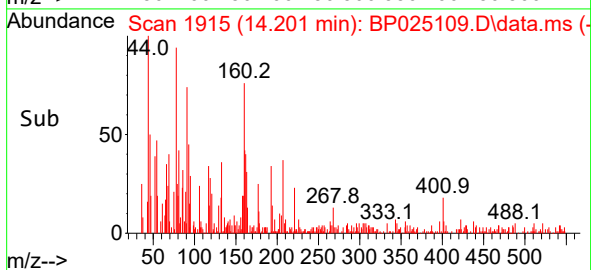
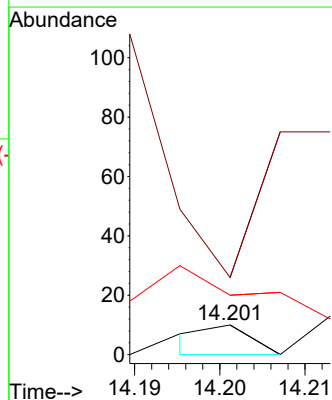
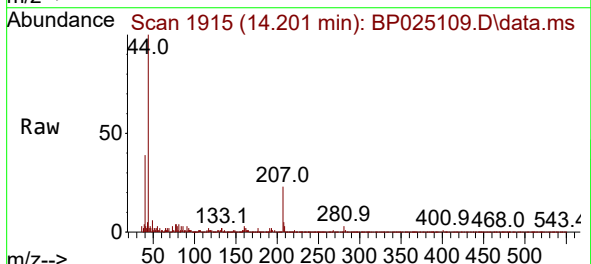
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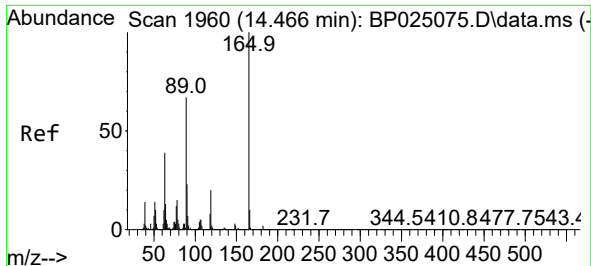
Tgt Ion: 65 Resp: 216
Ion Ratio Lower Upper
65 100
92 64.7 58.7 88.1
138 11.0 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.386 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion: 184 Resp: 4
Ion Ratio Lower Upper
184 100
63 260.0 47.4 71.0#
154 200.0 47.8 71.8#

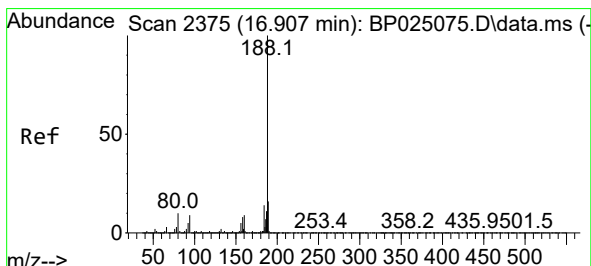
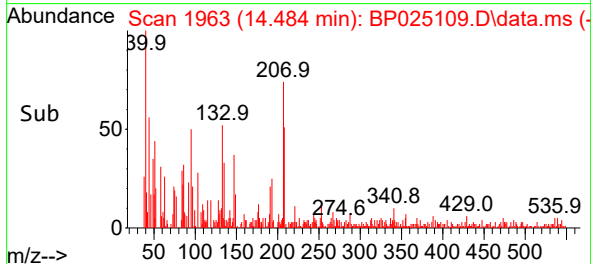
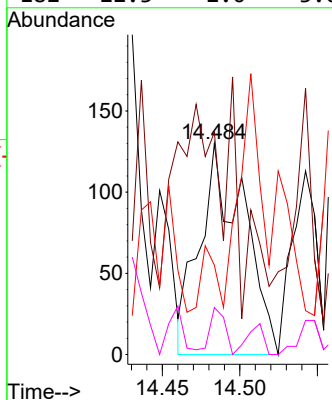
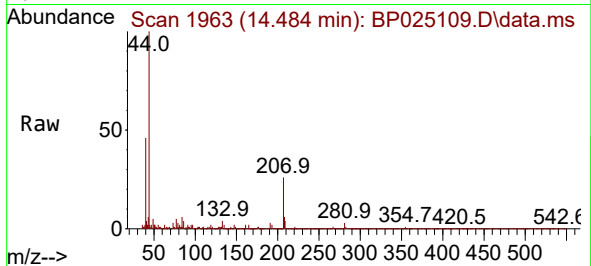




#57
2,4-Dinitrotoluene
Concen: 2.648 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

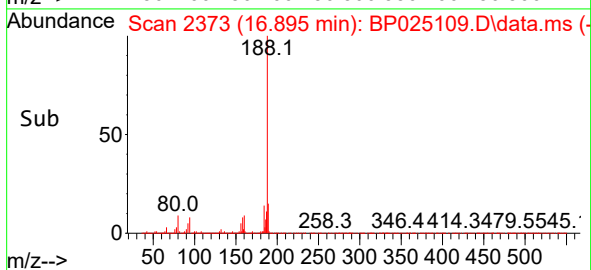
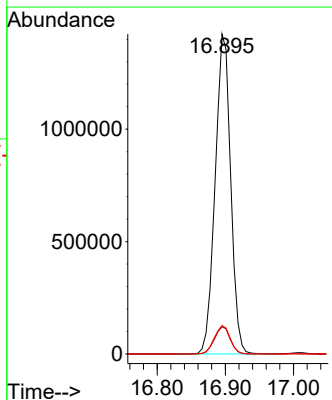
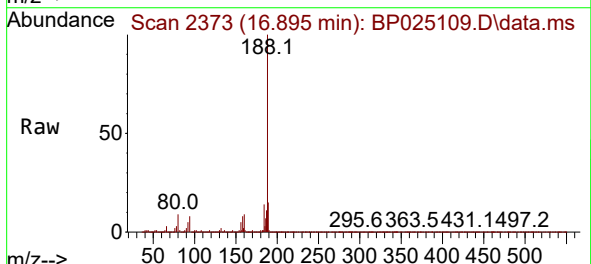
Instrument :
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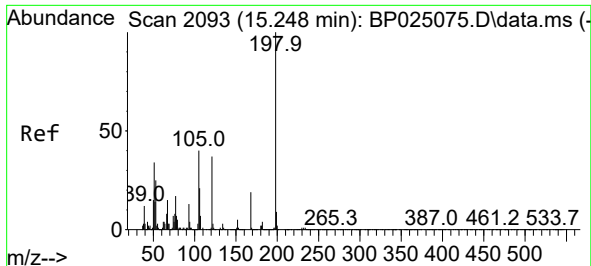
Tgt Ion:165 Resp: 259
Ion Ratio Lower Upper
165 100
63 105.4 31.0 46.4#
89 42.3 53.4 80.0#
182 22.3 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:188 Resp: 2253667
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 8.9 7.8 11.6

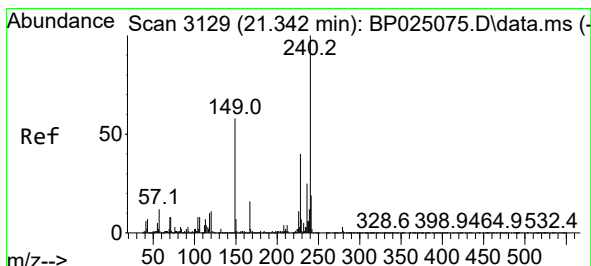
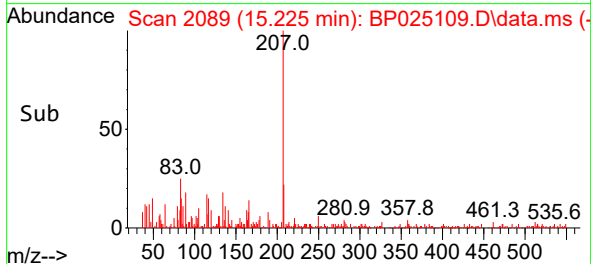
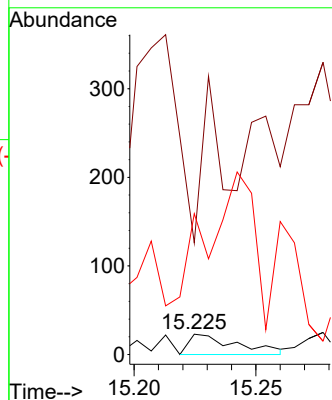
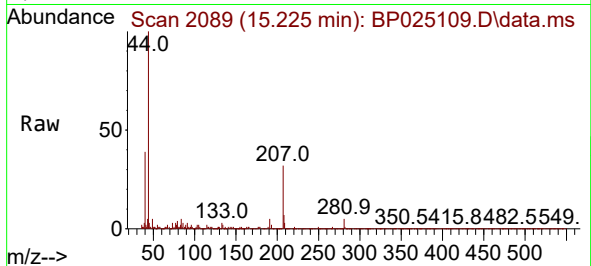




#65
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 15.225 min Scan# 2093
Delta R.T. -0.023 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

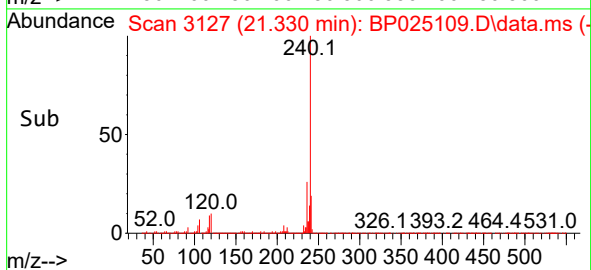
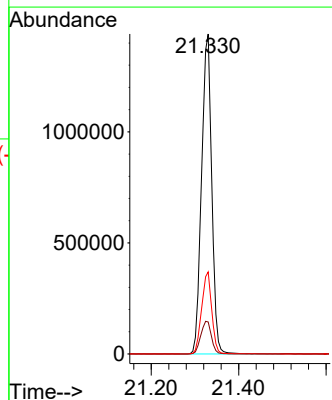
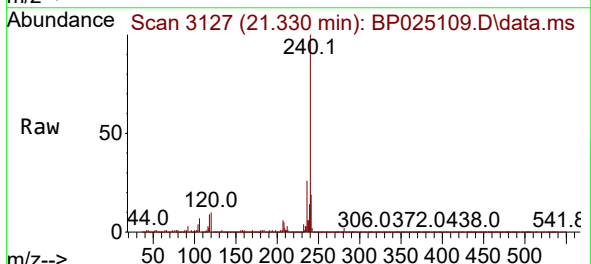
Instrument :
BNA_P
ClientSampleId :
PB168802BL

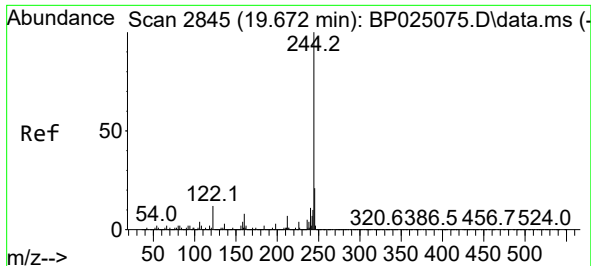
Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 547.8 16.8 56.8#
105 691.3 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:240 Resp: 2334398
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.7 20.3 30.5

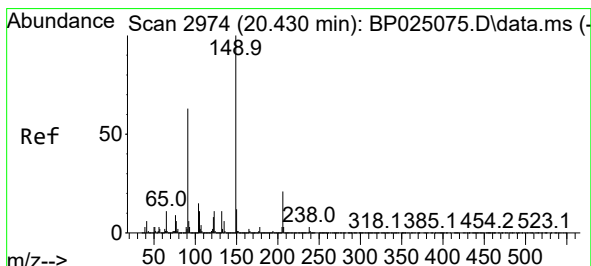
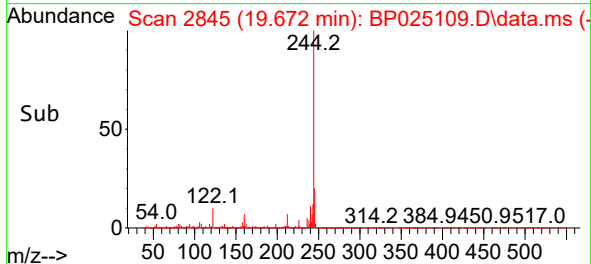
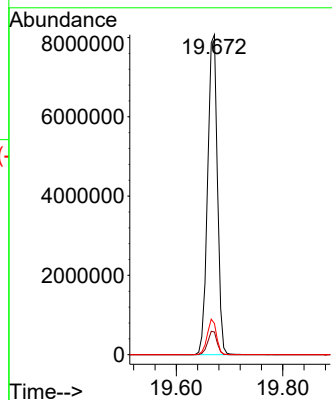
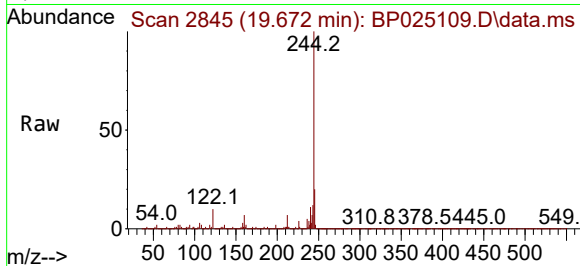




#79
 Terphenyl-d14
 Concen: 96.171 ng
 RT: 19.672 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025109.D
 Acq: 11 Jul 2025 18:30

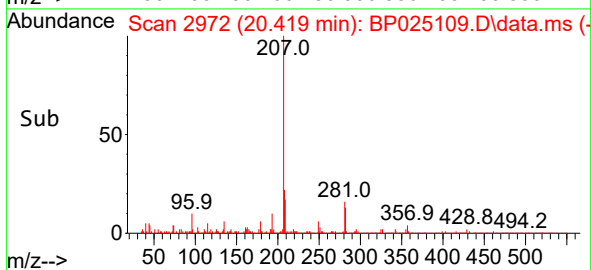
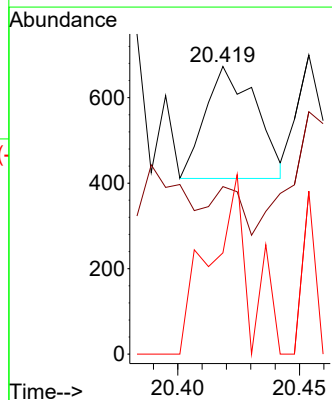
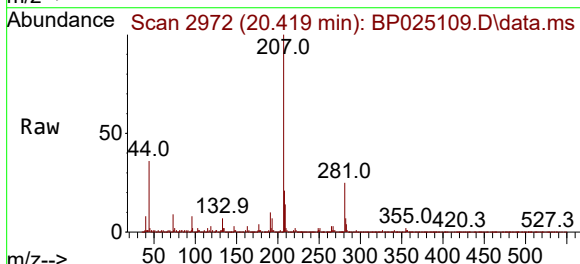
Instrument :
 BNA_P
 ClientSampleId :
 PB168802BL

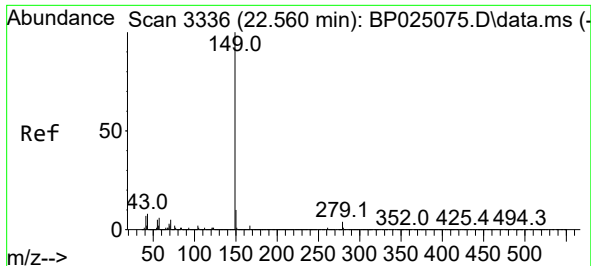
Tgt Ion:244 Resp:10214897
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.688 ng
 RT: 20.419 min Scan# 2972
 Delta R.T. -0.011 min
 Lab File: BP025109.D
 Acq: 11 Jul 2025 18:30

Tgt Ion:149 Resp: 379
 Ion Ratio Lower Upper
 149 100
 91 58.2 50.6 76.0
 206 35.2 17.2 25.8#

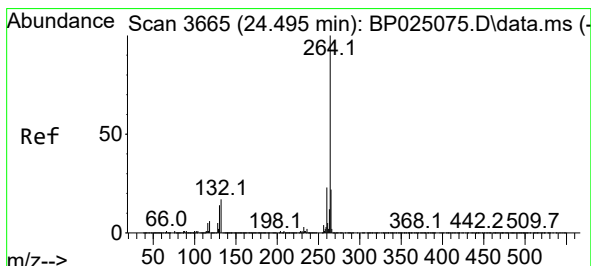
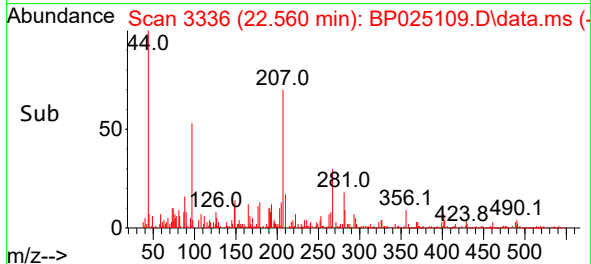
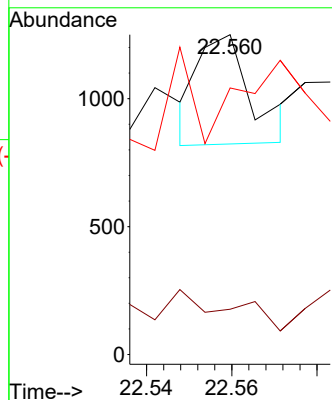
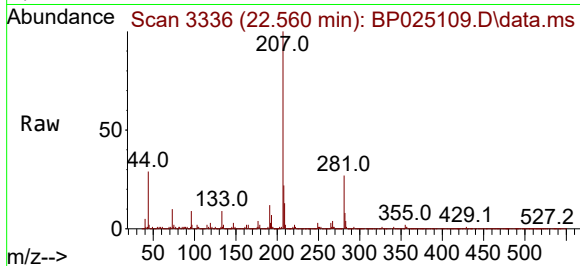




#85
Di-n-octyl phthalate
Concen: 6.101 ng
RT: 22.560 min Scan# 311
Delta R.T. -0.000 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Instrument :
BNA_P
ClientSampleId :
PB168802BL

Tgt Ion:149 Resp: 372
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 140.1 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025109.D
Acq: 11 Jul 2025 18:30

Tgt Ion:264 Resp: 2566468
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.2 17.7 26.5

