

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025091.D
 Acq On : 10 Jul 2025 20:26
 Operator : CG/JU
 Sample : Q2519-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Quant Time: Jul 11 02:32:17 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

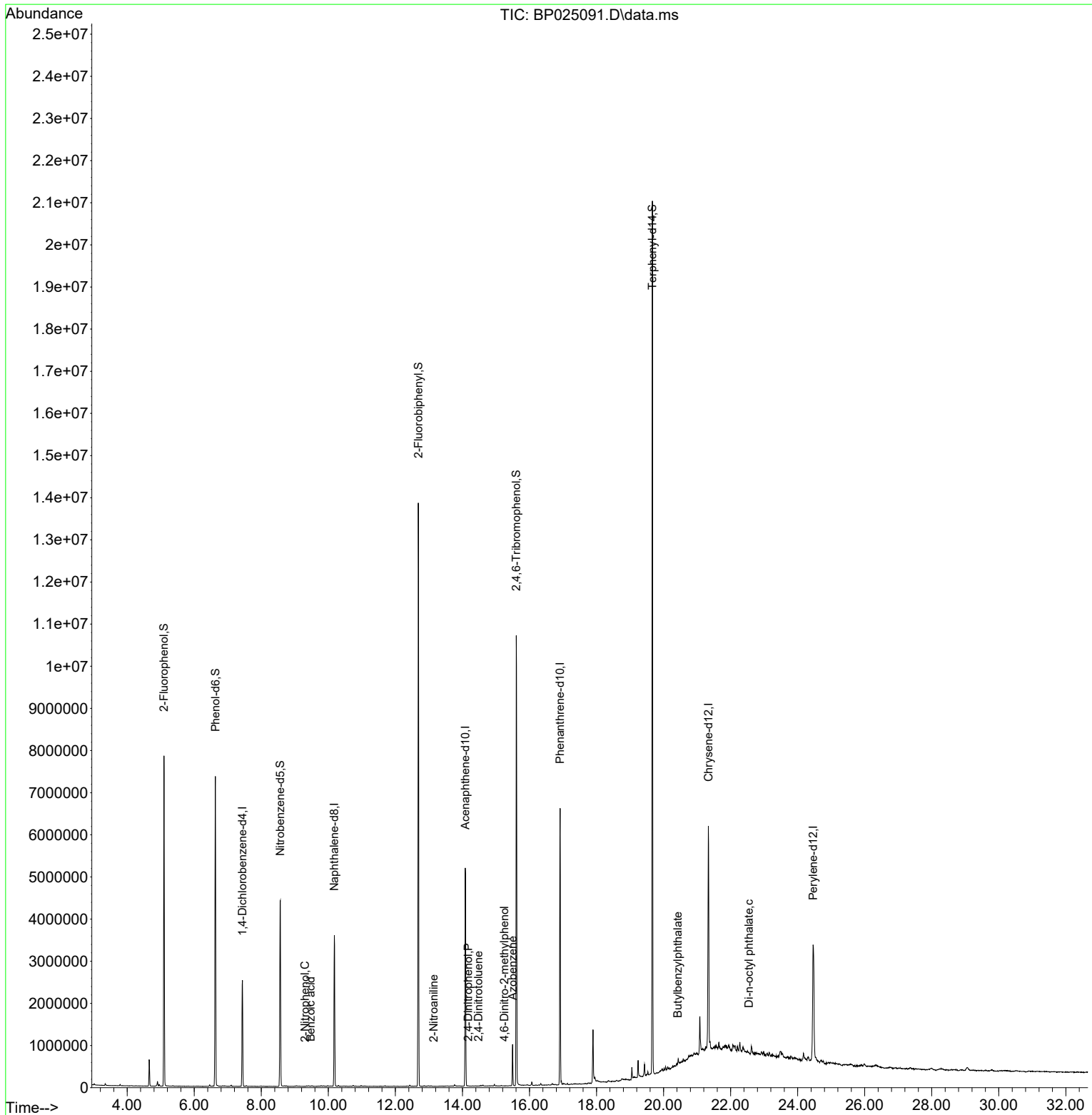
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	717283	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2907052	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1888168	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	3733064	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3458651	20.000	ng	0.00
86) Perylene-d12	24.460	264	3044442	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3375764	83.389	ng	0.00
7) Phenol-d6	6.631	99	4307564	81.539	ng	0.00
23) Nitrobenzene-d5	8.566	82	2583099	59.094	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2139728	95.928	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	6762236	55.481	ng	-0.01
79) Terphenyl-d14	19.666	244	10022039	63.685	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.302	139	92	3.306	ng	# 1
32) Benzoic acid	9.472	122	280	6.212	ng	# 59
48) 2-Nitroaniline	13.143	65	229	2.773	ng	# 20
54) 2,4-Dinitrophenol	14.172	184	31	5.387	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	52	2.638	ng	# 58
63) Azobenzene	15.495	77	247204	2.091	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.248	198	29	5.580	ng	# 1
80) Butylbenzylphthalate	20.425	149	3793	3.724	ng	# 65
85) Di-n-octyl phthalate	22.542	149	2942	6.111	ng	# 79

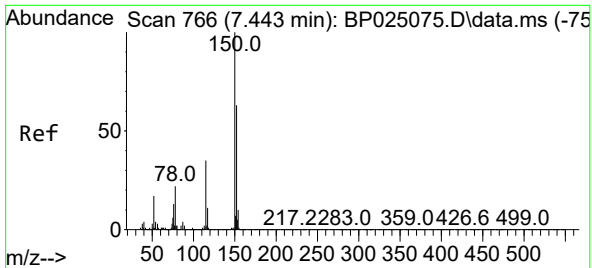
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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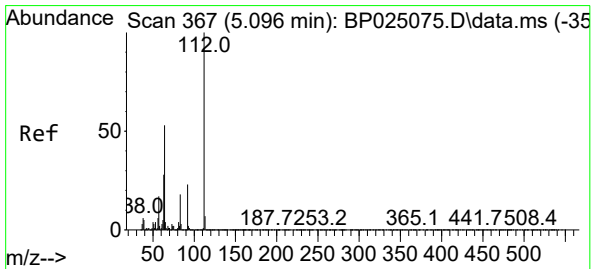
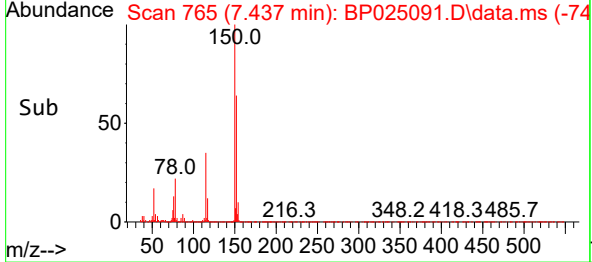
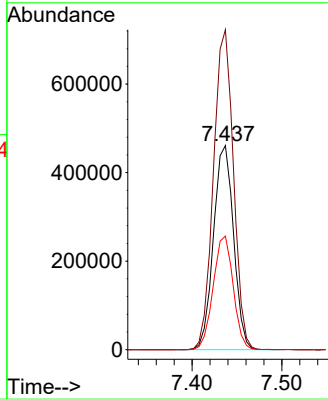
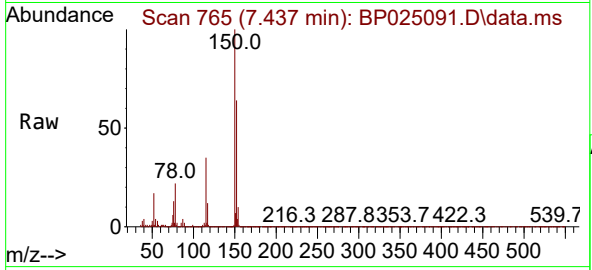


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Tgt Ion:152 Resp: 717283

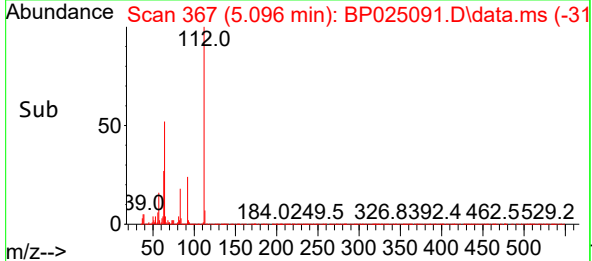
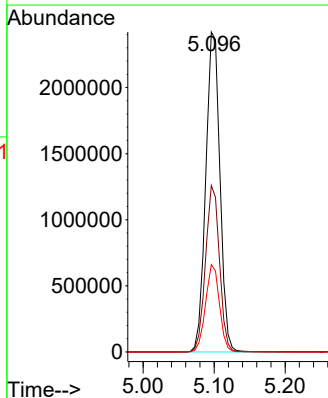
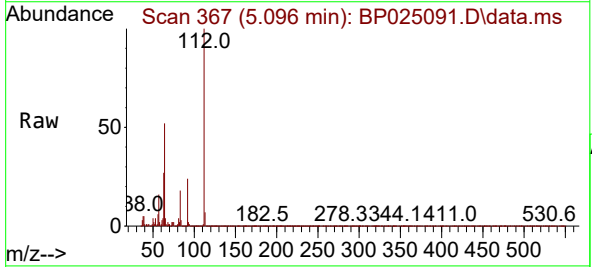
Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.1	189.1
115	55.6	44.3	66.5

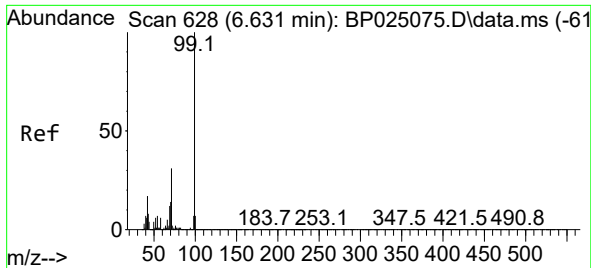


#5
 2-Fluorophenol
 Concen: 83.389 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion:112 Resp: 3375764

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.0	63.0
63	27.3	22.2	33.2

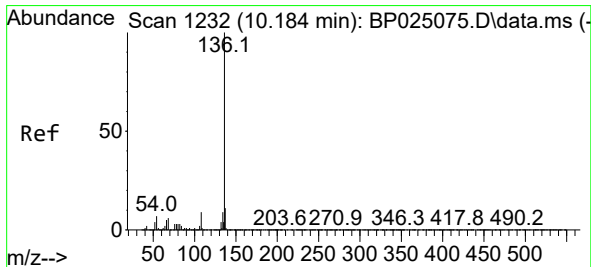
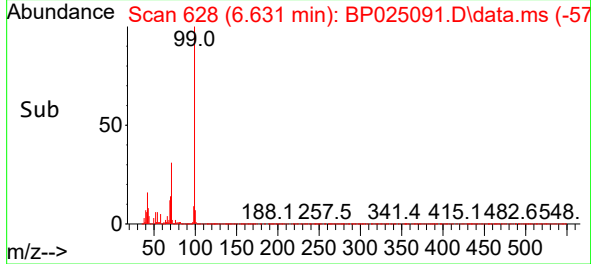
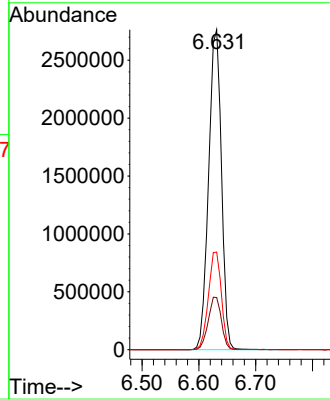
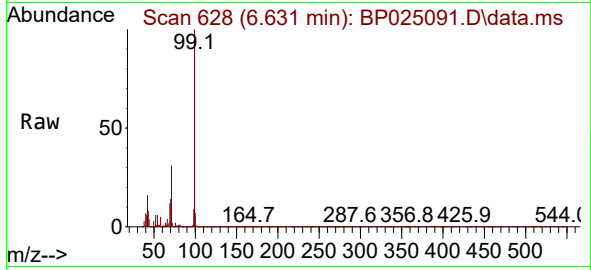




#7
 Phenol-d6
 Concen: 81.539 ng
 RT: 6.631 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

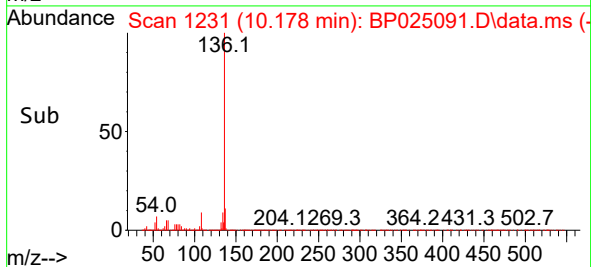
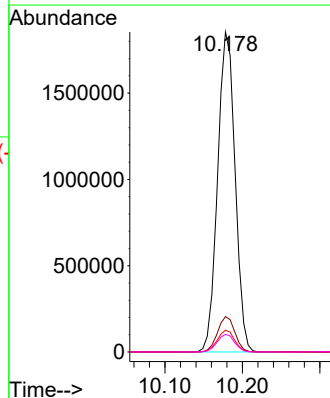
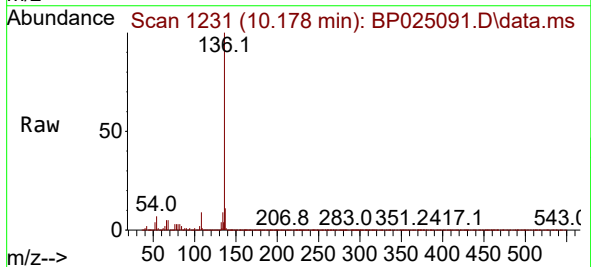
Instrument :
 BNA_P
 ClientSampleId :
 TP-15

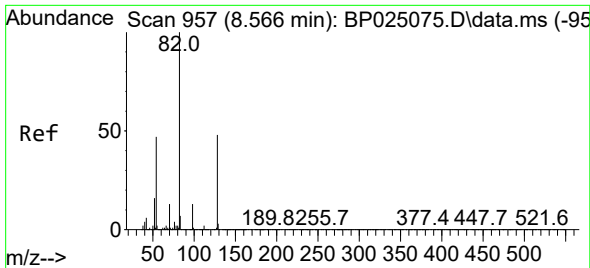
Tgt Ion: 99 Resp: 4307564
 Ion Ratio Lower Upper
 99 100
 42 16.3 13.6 20.4
 71 30.5 24.4 36.6



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.178 min Scan# 1231
 Delta R.T. -0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion:136 Resp: 2907052
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.7 13.1
 54 6.8 5.4 8.2
 68 5.5 4.5 6.7



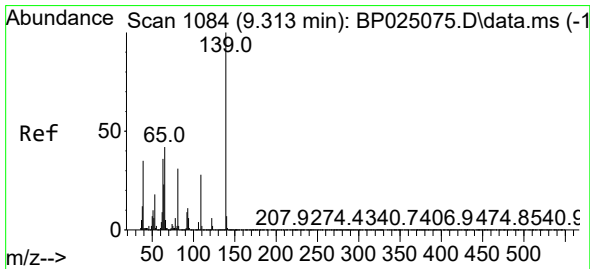
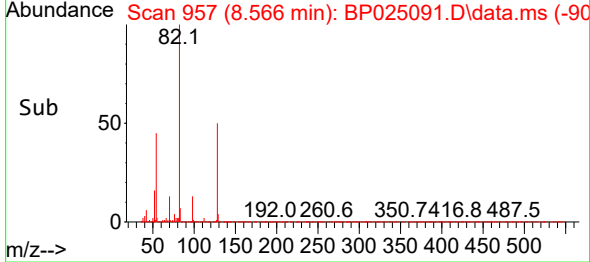
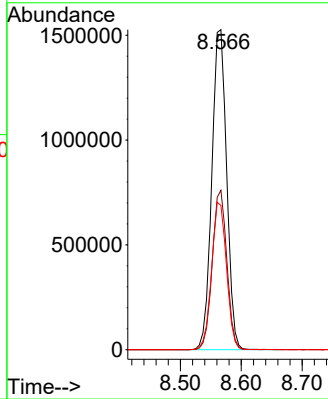
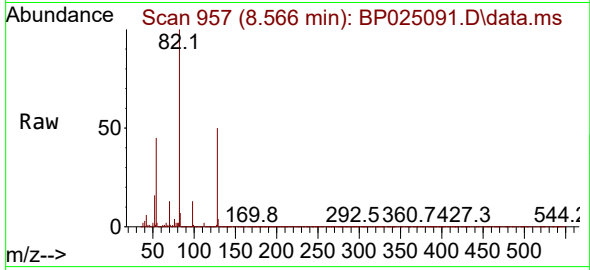


#23
 Nitrobenzene-d5
 Concen: 59.094 ng
 RT: 8.566 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Tgt Ion: 82 Resp: 2583099

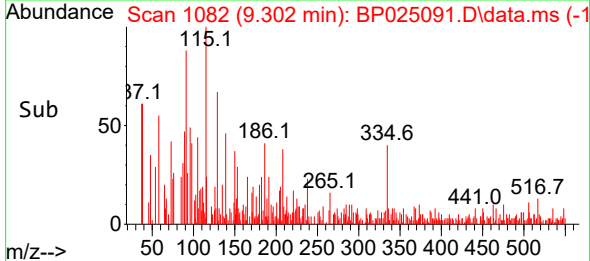
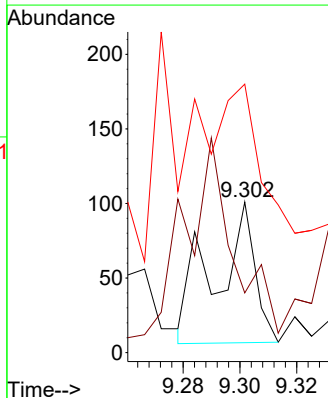
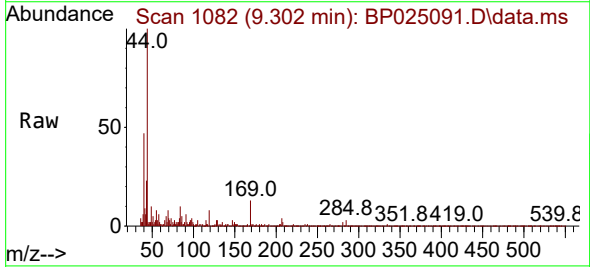
Ion	Ratio	Lower	Upper
82	100		
128	49.8	38.4	57.6
54	45.1	37.8	56.6

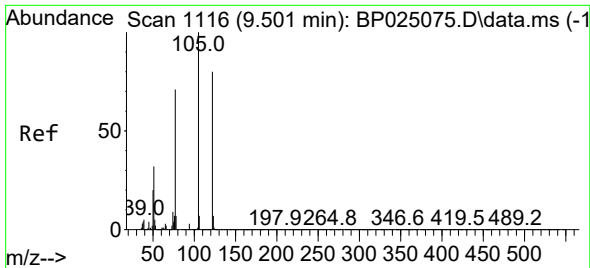


#26
 2-Nitrophenol
 Concen: 3.306 ng
 RT: 9.302 min Scan# 1082
 Delta R.T. -0.011 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion: 139 Resp: 92

Ion	Ratio	Lower	Upper
139	100		
109	39.6	22.3	33.5#
65	178.2	33.8	50.8#

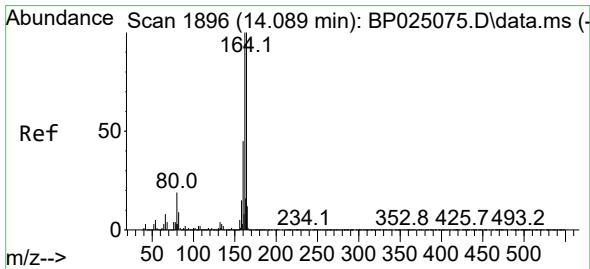
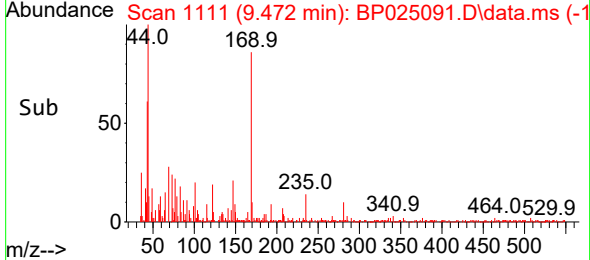
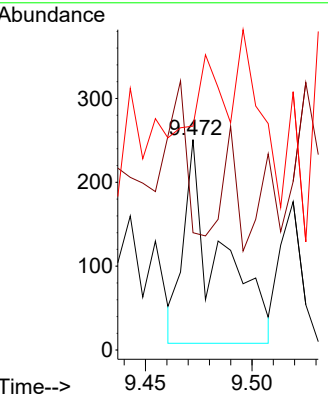
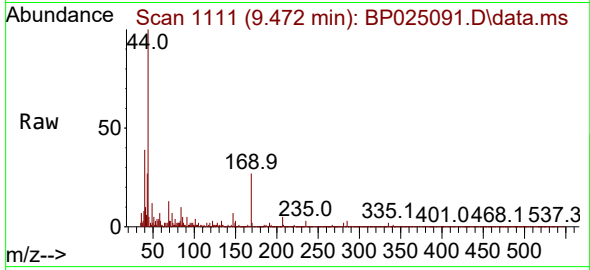




#32
 Benzoic acid
 Concen: 6.212 ng
 RT: 9.472 min Scan# 1111
 Delta R.T. -0.029 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

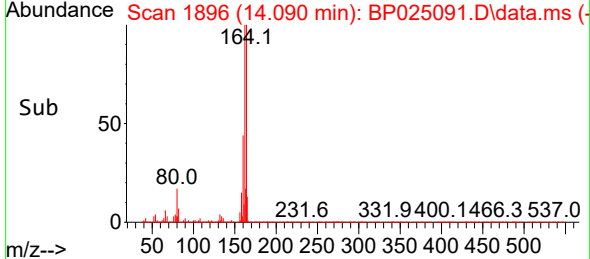
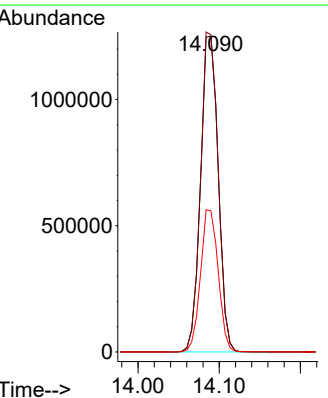
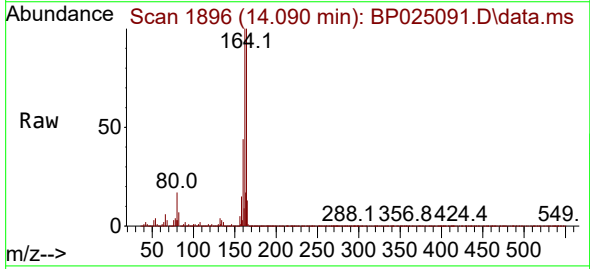
Instrument :
 BNA_P
 ClientSampleId :
 TP-15

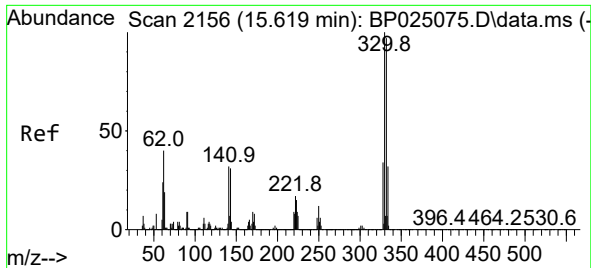
Tgt Ion	Resp	Lower	Upper
122	100		
105	50.7	101.0	141.0
77	96.7	67.6	107.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.090 min Scan# 1896
 Delta R.T. 0.001 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion	Resp	Lower	Upper
164	100		
162	100.5	80.3	120.5
160	44.7	35.9	53.9

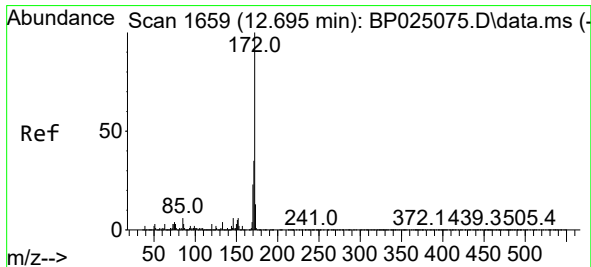
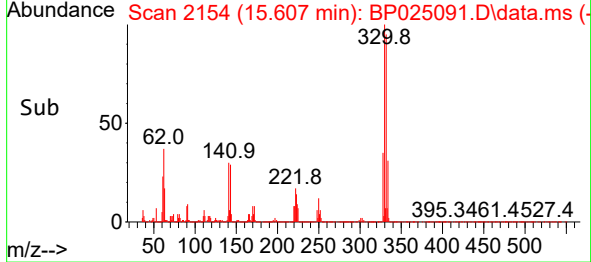
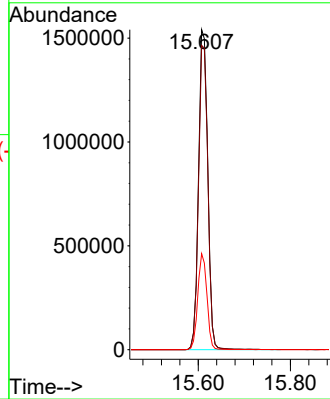
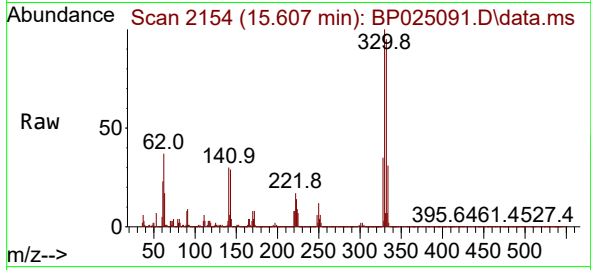




#42
 2,4,6-Tribromophenol
 Concen: 95.928 ng
 RT: 15.607 min Scan# 2156
 Delta R.T. -0.012 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

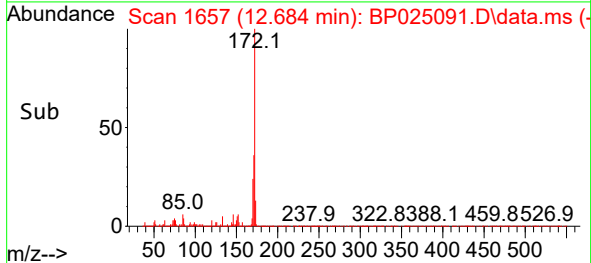
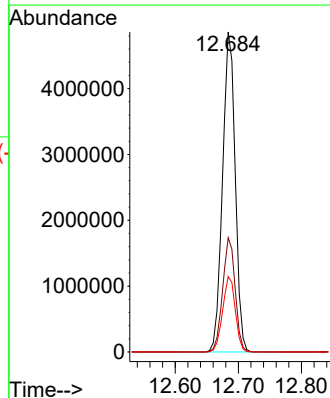
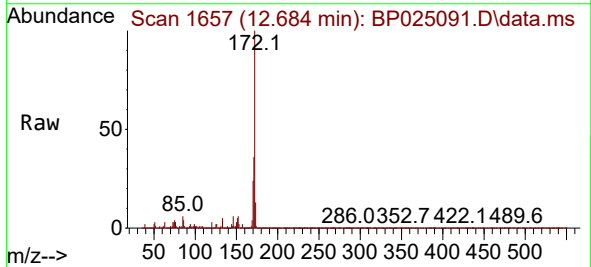
Instrument :
 BNA_P
 ClientSampleId :
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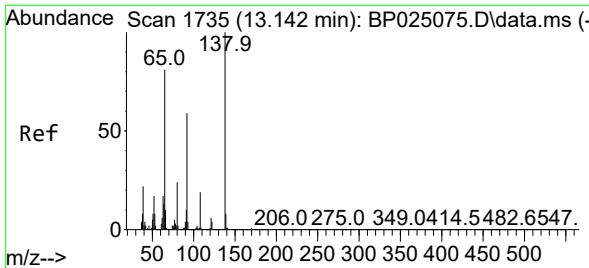
Tgt Ion: 330 Resp: 2139728
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 29.7 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 55.481 ng
 RT: 12.684 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion: 172 Resp: 6762236
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 23.5 18.7 28.1



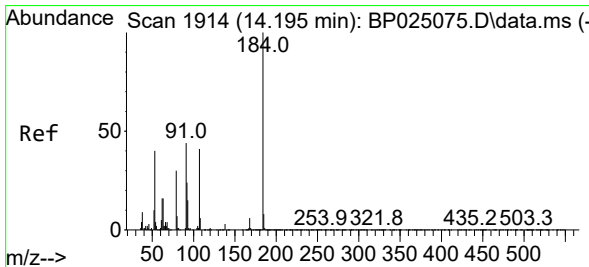
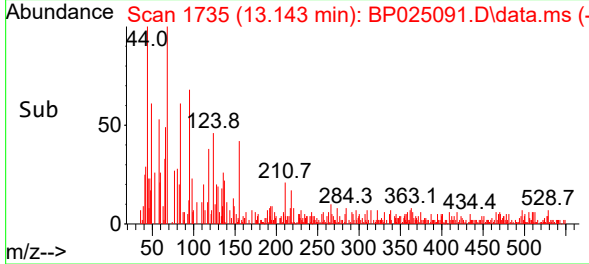
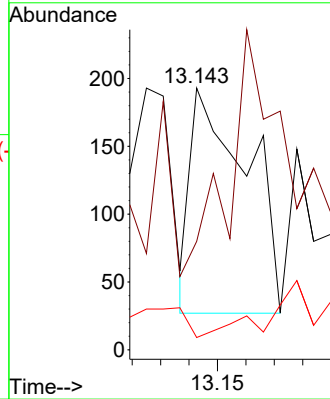
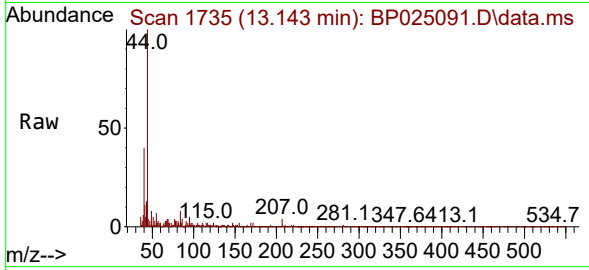


#48
 2-Nitroaniline
 Concen: 2.773 ng
 RT: 13.143 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Tgt Ion: 65 Resp: 229

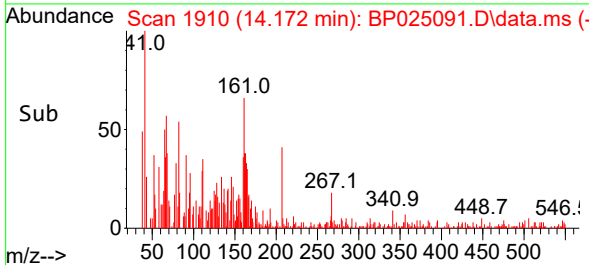
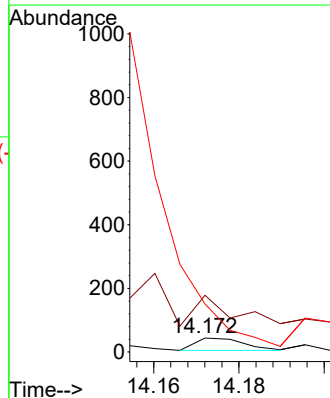
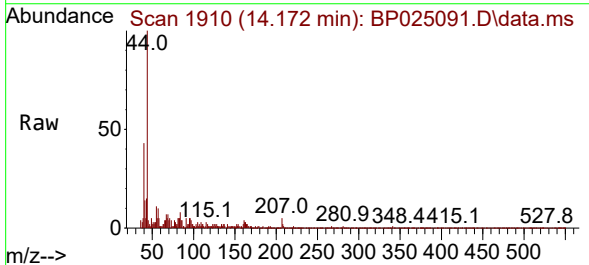
Ion	Ratio	Lower	Upper
65	100		
92	41.5	58.7	88.1#
138	4.7	99.0	148.4#

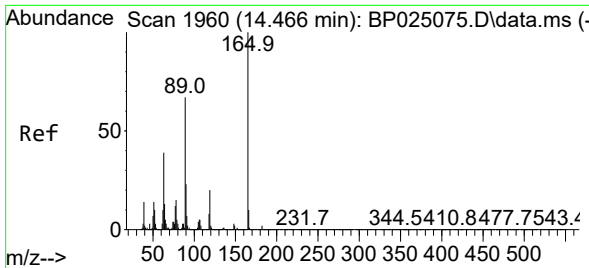


#54
 2,4-Dinitrophenol
 Concen: 5.387 ng
 RT: 14.172 min Scan# 1910
 Delta R.T. -0.023 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion: 184 Resp: 31

Ion	Ratio	Lower	Upper
184	100		
63	404.5	47.4	71.0#
154	343.2	47.8	71.8#



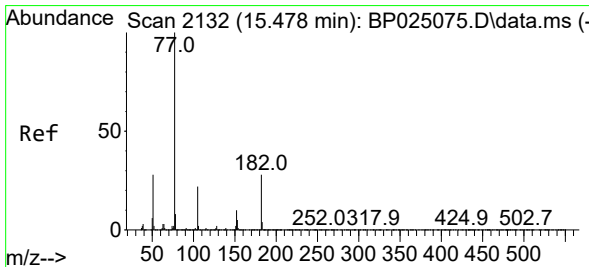
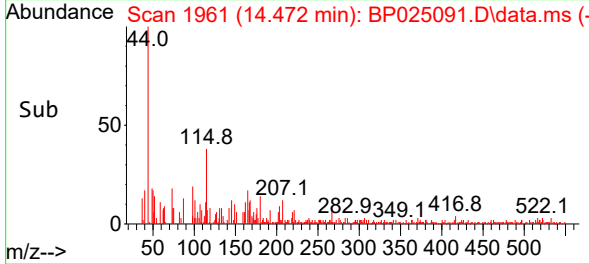
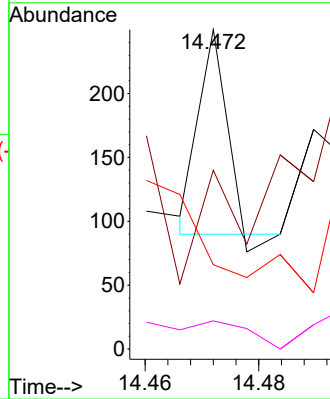
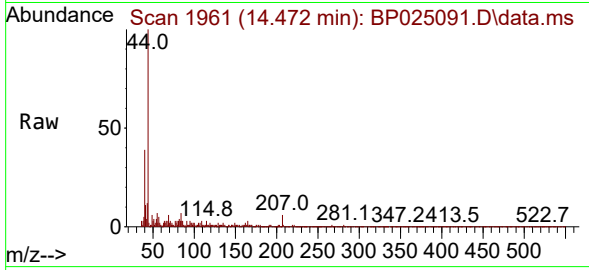


#57
 2,4-Dinitrotoluene
 Concen: 2.638 ng
 RT: 14.472 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Tgt Ion:165 Resp: 52

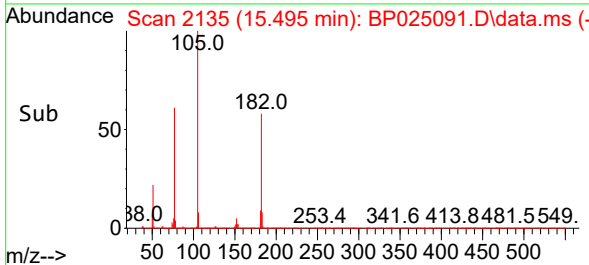
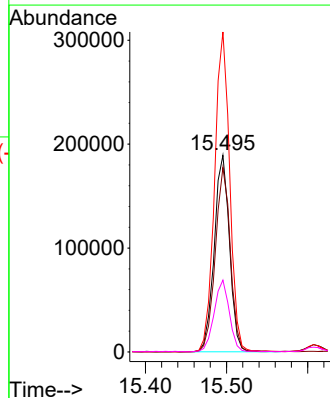
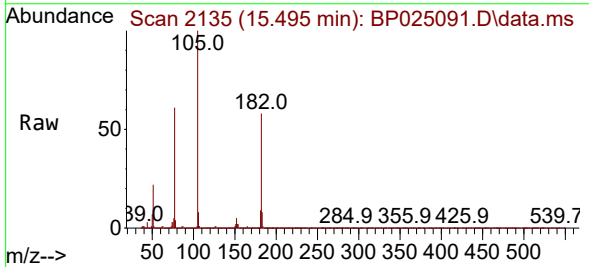
Ion	Ratio	Lower	Upper
165	100		
63	56.0	31.0	46.4#
89	26.4	53.4	80.0#
182	8.8	2.0	3.0#

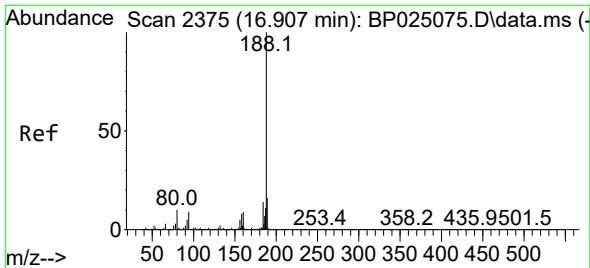


#63
 Azobenzene
 Concen: 2.091 ng
 RT: 15.495 min Scan# 2135
 Delta R.T. 0.018 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion: 77 Resp: 247204

Ion	Ratio	Lower	Upper
77	100		
182	93.8	7.7	47.7#
105	162.7	1.9	41.9#
51	36.5	8.2	48.2

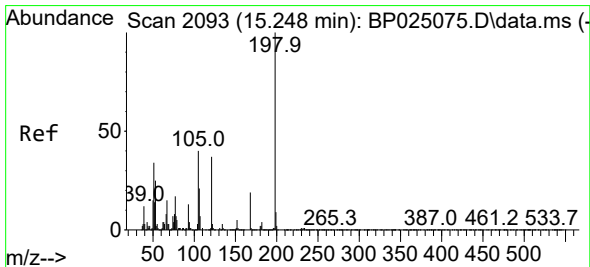
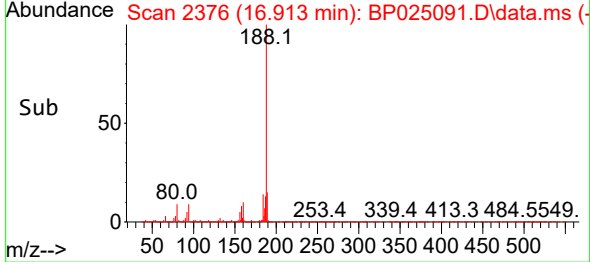
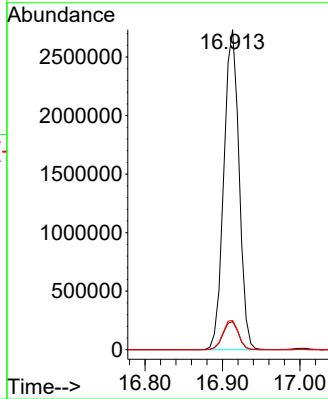
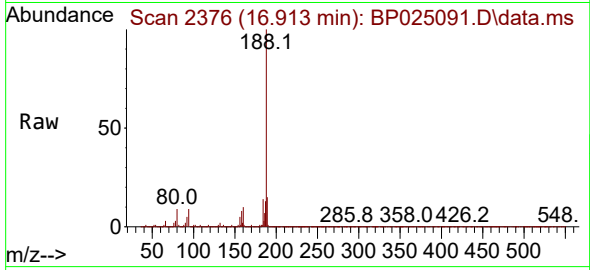




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.913 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

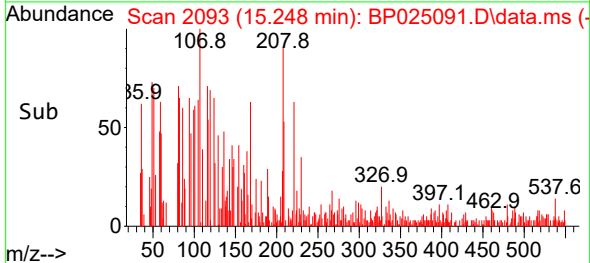
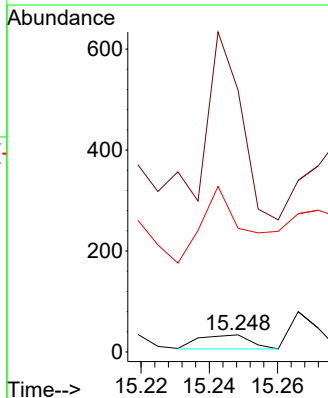
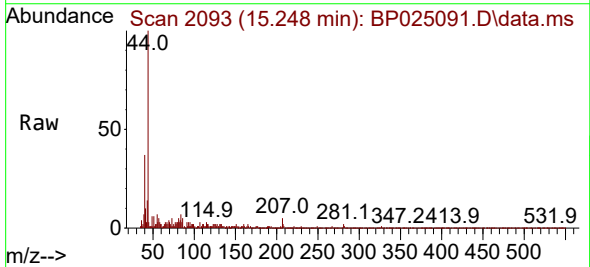
Instrument :
 BNA_P
 ClientSampleId :
 TP-15

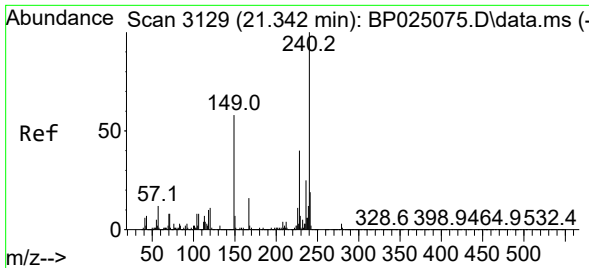
Tgt Ion:188 Resp: 3733064
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.3 10.9
 80 9.1 7.8 11.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.580 ng
 RT: 15.248 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion:198 Resp: 29
 Ion Ratio Lower Upper
 198 100
 51 1526.5 16.8 56.8#
 105 720.6 20.8 60.8#



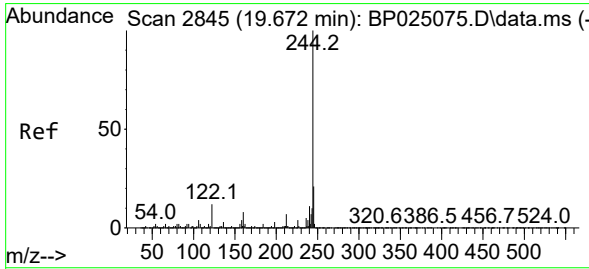
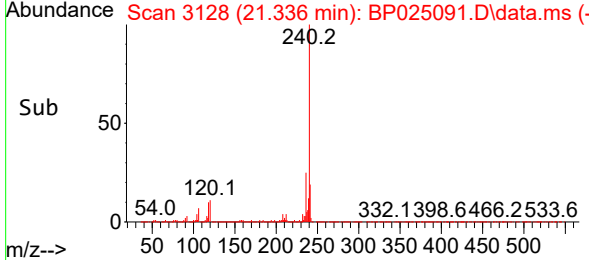
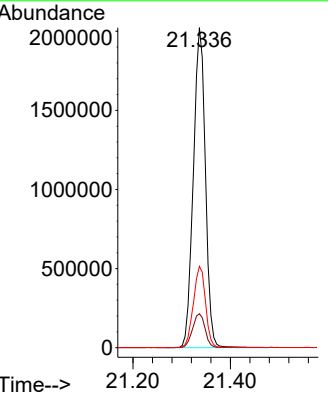
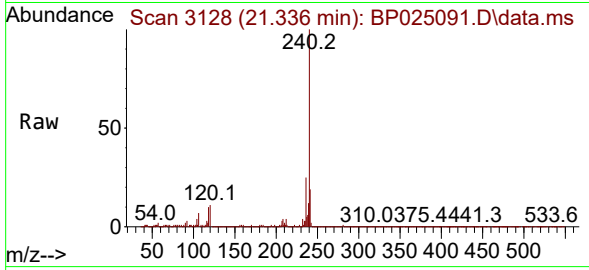


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.336 min Scan# 3129
 Delta R.T. -0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument : BNA_P
 Client Sample Id : TP-15

Tgt Ion: 240 Resp: 3458651

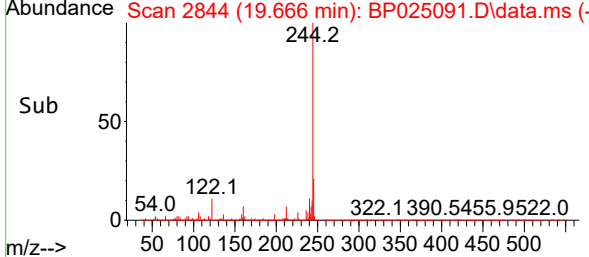
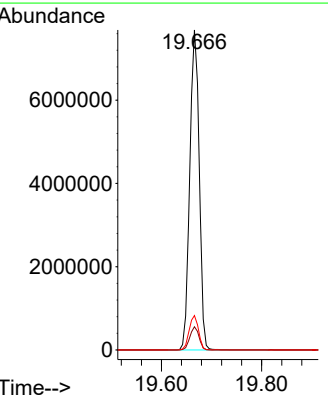
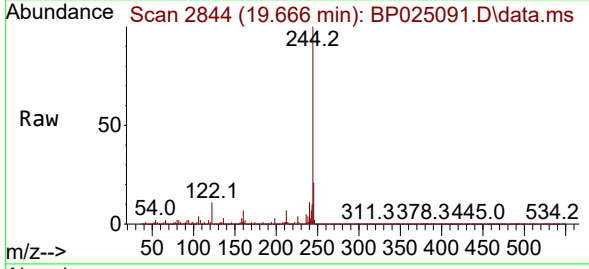
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	25.5	20.3	30.5

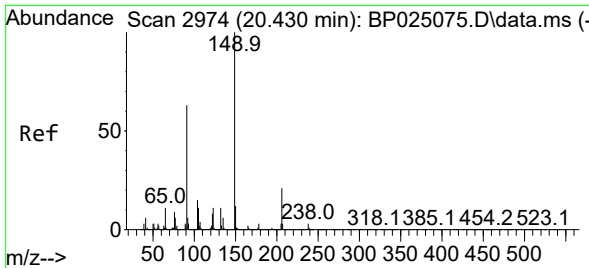


#79
 Terphenyl-d14
 Concen: 63.685 ng
 RT: 19.666 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Tgt Ion: 244 Resp: 10022039

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.8	9.4	14.2

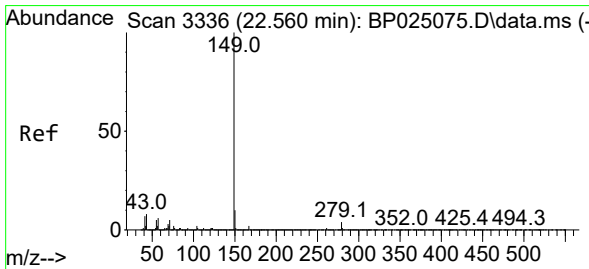
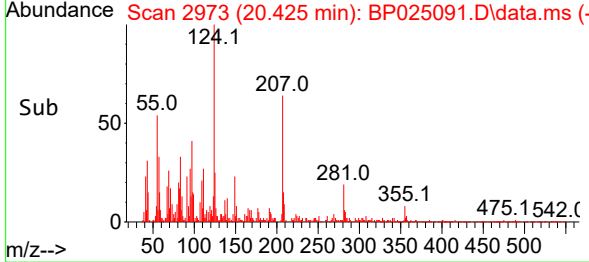
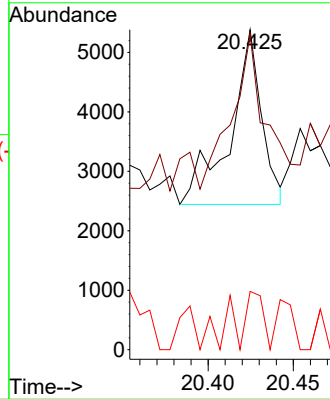
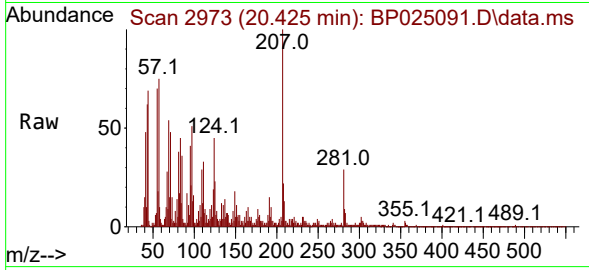




#80
 Butylbenzylphthalate
 Concen: 3.724 ng
 RT: 20.425 min Scan# 2973
 Delta R.T. -0.005 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

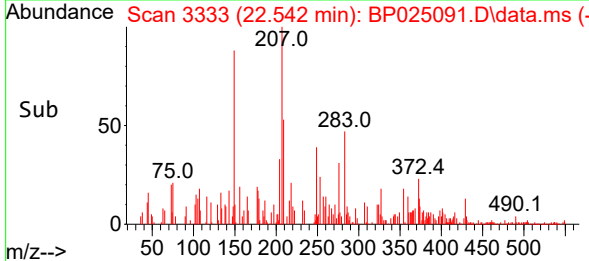
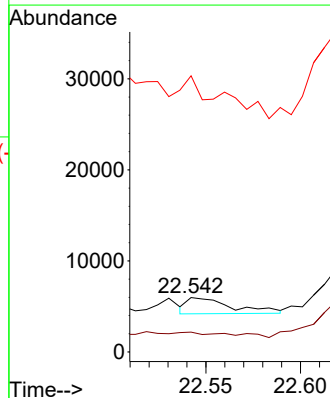
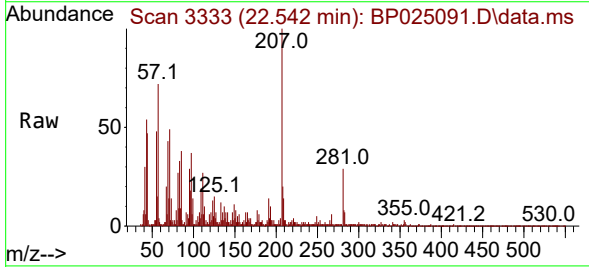
Instrument :
 BNA_P
 ClientSampleId :
 TP-15

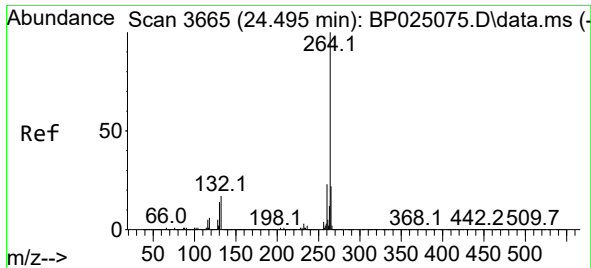
Tgt Ion	Resp	Ion Ratio	Lower	Upper
149	3793	100		
91		98.4	50.6	76.0#
206		18.2	17.2	25.8



#85
 Di-n-octyl phthalate
 Concen: 6.111 ng
 RT: 22.542 min Scan# 3333
 Delta R.T. -0.018 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

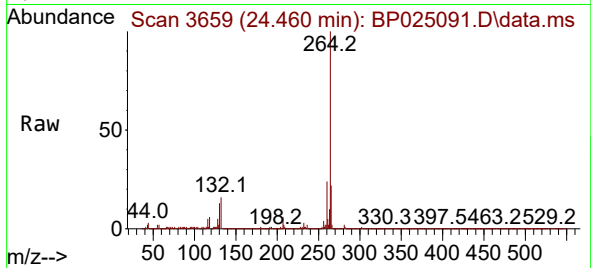
Tgt Ion	Resp	Ion Ratio	Lower	Upper
149	2942	100		
167		0.0	1.3	1.9#
43		0.0	6.9	10.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.460 min Scan# 30
 Delta R.T. -0.035 min
 Lab File: BP025091.D
 Acq: 10 Jul 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 TP-15



Tgt Ion: 264 Resp: 3044442
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.0 17.7 26.5

