

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025086.D
 Acq On : 10 Jul 2025 16:57
 Operator : CG/JU
 Sample : Q2524-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OLD RETENTION BASIN 40TH

Quant Time: Jul 10 17:21:39 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)

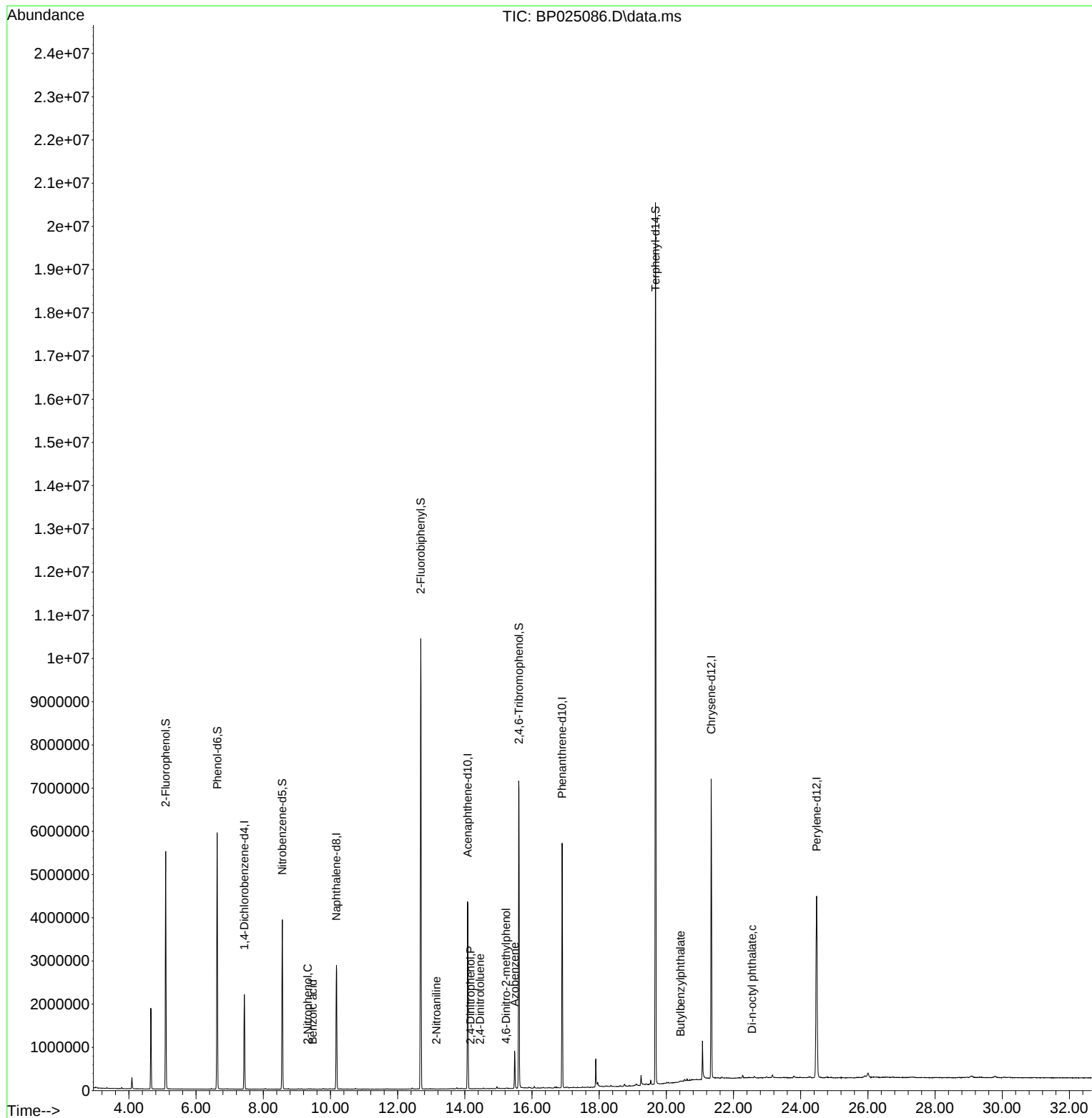
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	602912	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2460428	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1607858	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3360998	20.000	ng	-0.01
76) Chrysene-d12	21.336	240	3719680	20.000	ng	0.00
86) Perylene-d12	24.477	264	4074446	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2456865	72.203	ng	0.00
7) Phenol-d6	6.631	99	3399212	76.550	ng	0.00
23) Nitrobenzene-d5	8.566	82	2139789	57.838	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1465486	77.154	ng	0.00
45) 2-Fluorobiphenyl	12.689	172	6020432	58.007	ng	0.00
79) Terphenyl-d14	19.677	244	10659521	62.982	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.325	139	76	3.305	ng	# 1
32) Benzoic acid	9.472	122	181	6.210	ng	97
48) 2-Nitroaniline	13.154	65	177	2.772	ng	# 45
54) 2,4-Dinitrophenol	14.172	184	5	5.385	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	50	2.638	ng	# 10
63) Azobenzene	15.483	77	239304	2.377	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.231	198	23	5.580	ng	# 1
80) Butylbenzylphthalate	20.424	149	1270	3.695	ng	# 52
85) Di-n-octyl phthalate	22.554	149	503	6.101	ng	# 63

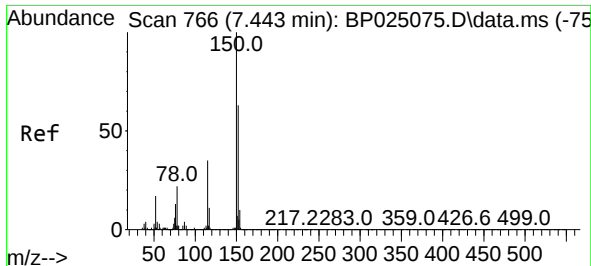
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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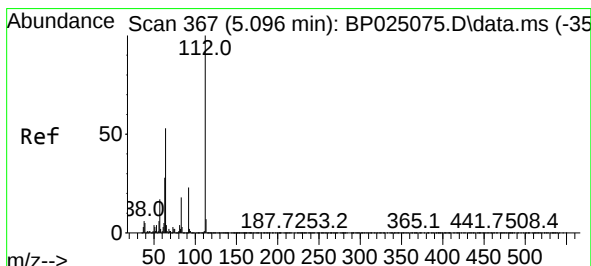
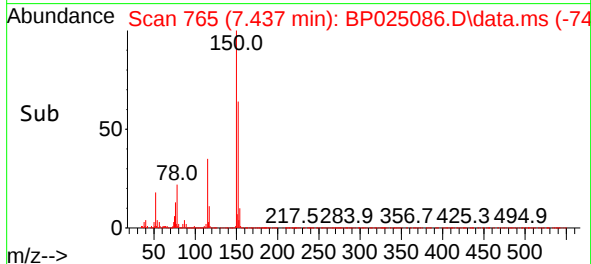
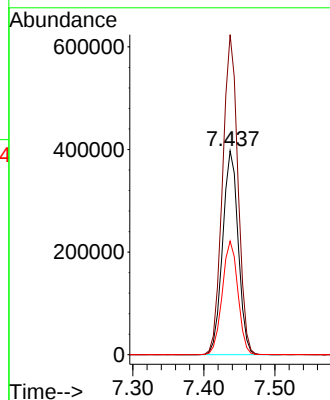
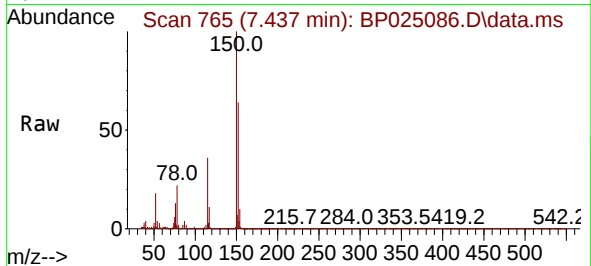




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 765
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

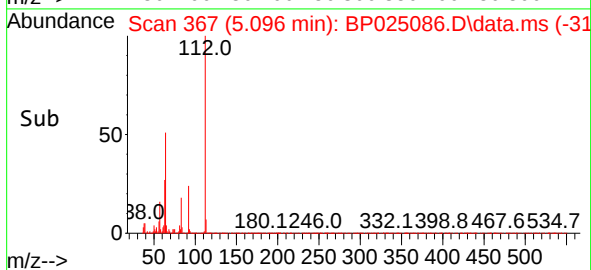
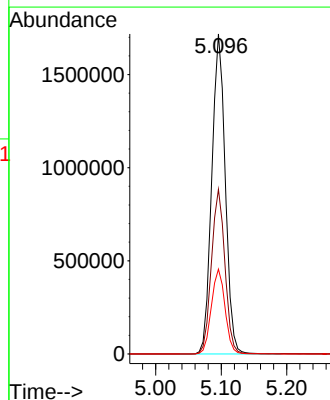
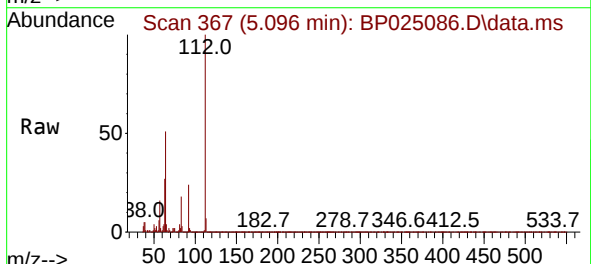
Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

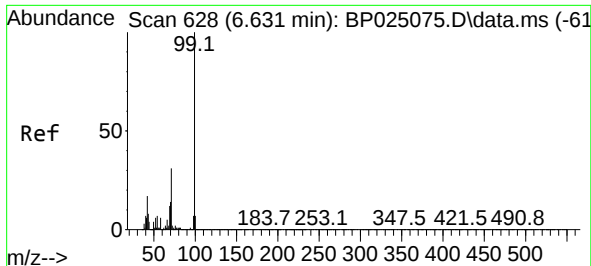
Tgt Ion:152 Resp: 602912
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 55.8 44.3 66.5



#5
2-Fluorophenol
Concen: 72.203 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:112 Resp: 2456865
Ion Ratio Lower Upper
112 100
64 51.5 42.0 63.0
63 26.5 22.2 33.2

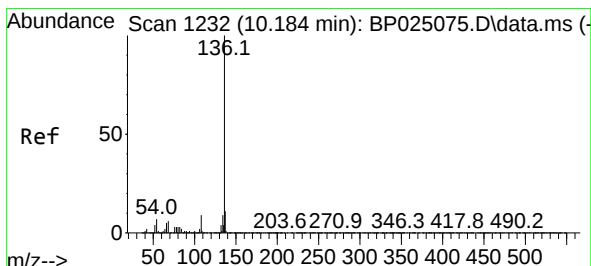
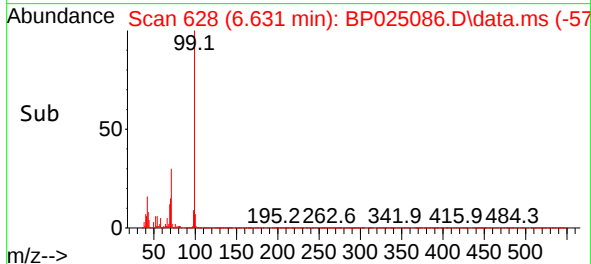
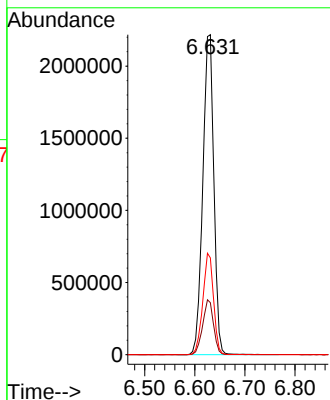
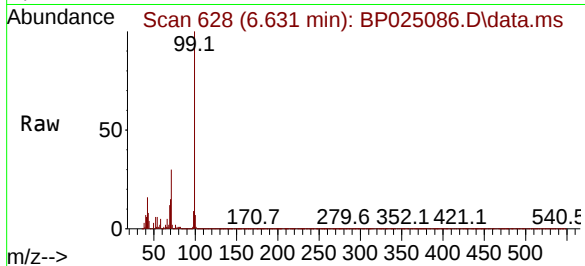




#7
Phenol-d6
Concen: 76.550 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

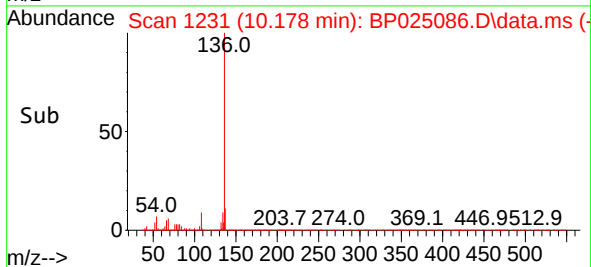
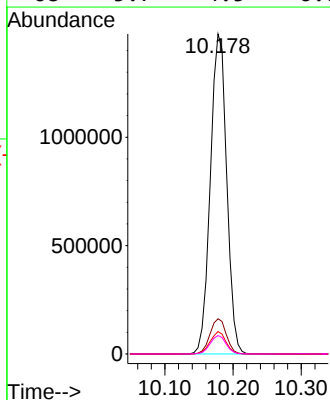
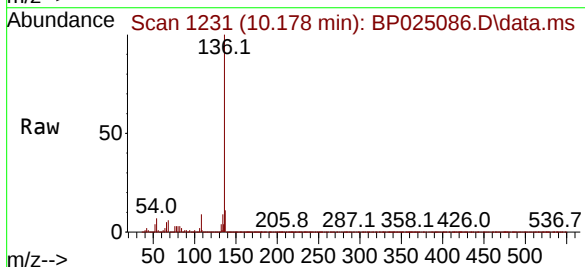
Instrument :
BNA_P
ClientSampleId :
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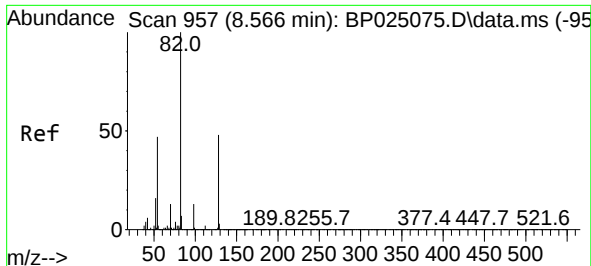
Tgt Ion: 99 Resp: 3399212
Ion Ratio Lower Upper
99 100
42 16.3 13.6 20.4
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:136 Resp: 2460428
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.0 5.4 8.2
68 5.7 4.5 6.7

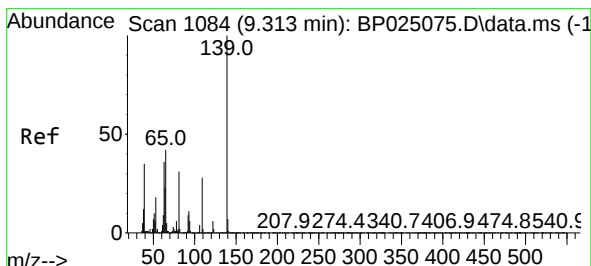
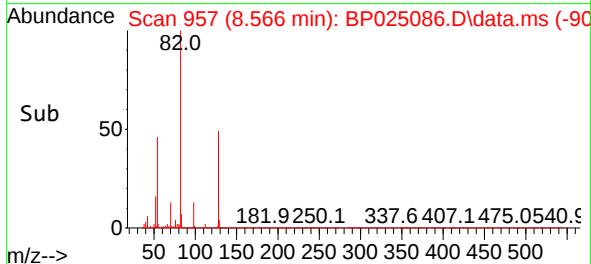
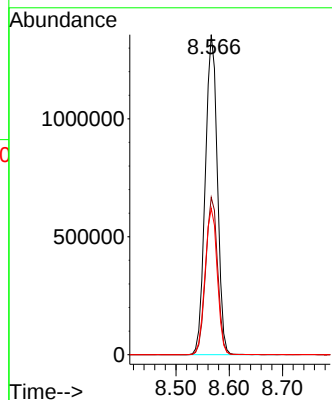
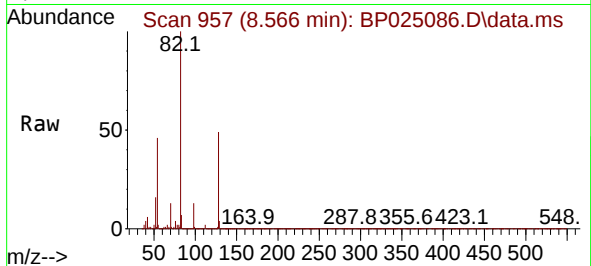




#23
Nitrobenzene-d5
Concen: 57.838 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

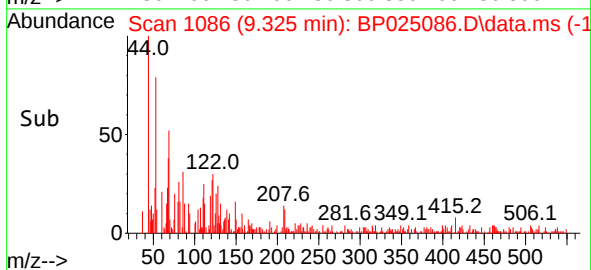
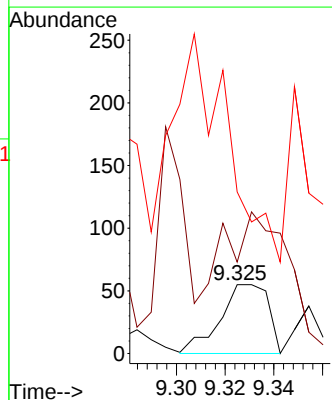
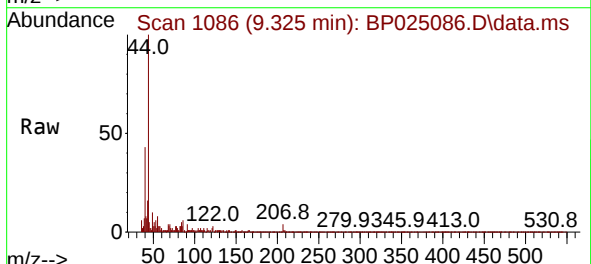
Instrument :
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ClientSampleId :
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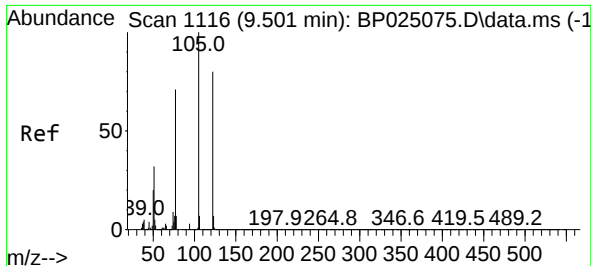
Tgt Ion: 82 Resp: 2139789
Ion Ratio Lower Upper
82 100
128 49.1 38.4 57.6
54 45.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.305 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.012 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 132.7 22.3 33.5#
65 234.5 33.8 50.8#

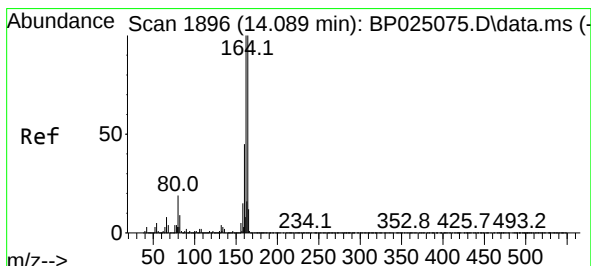
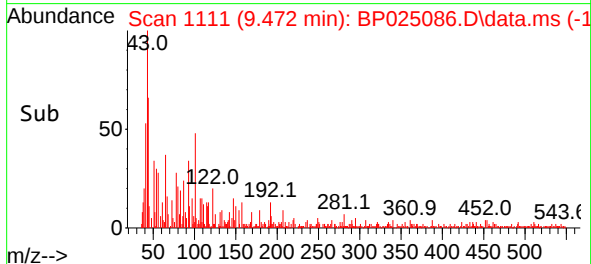
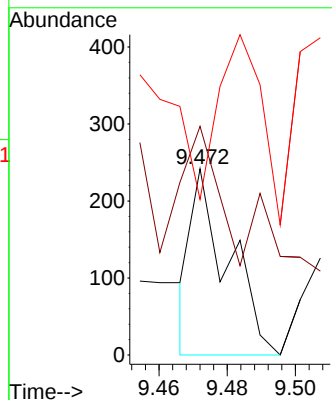
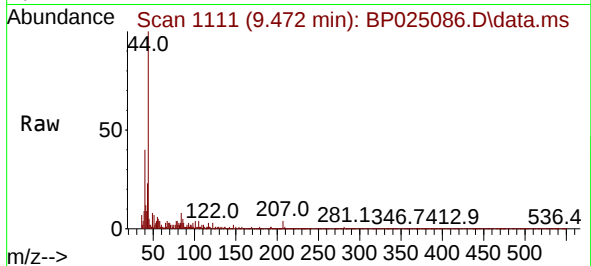




#32
Benzoic acid
Concen: 6.210 ng
RT: 9.472 min Scan# 1116
Delta R.T. -0.029 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

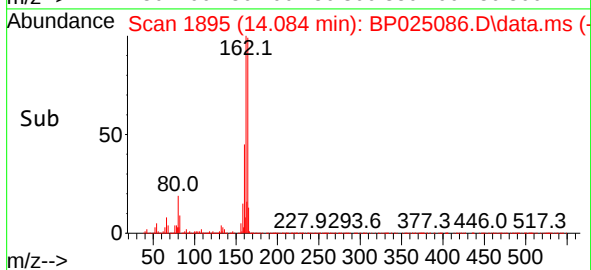
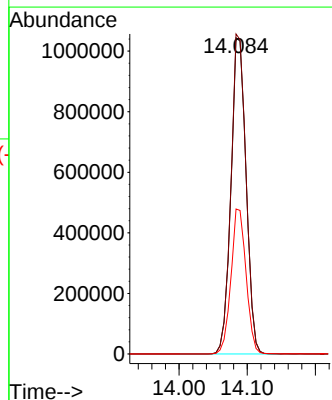
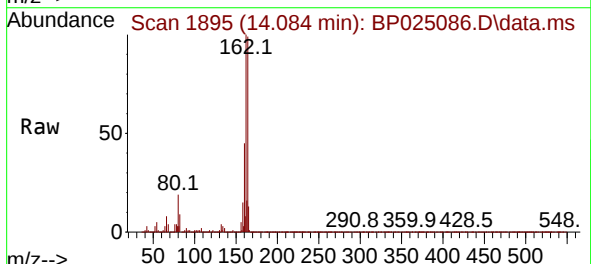
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BNA_P
ClientSampleId :
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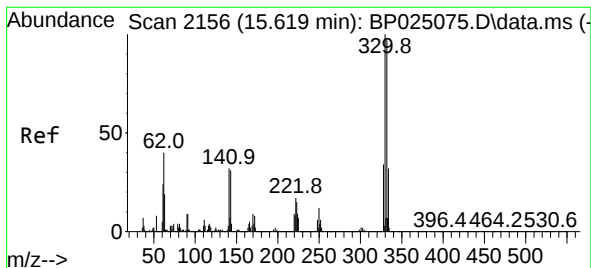
Tgt Ion:	122	Resp:	181
Ion	Ratio	Lower	Upper
122	100		
105	122.7	101.0	141.0
77	83.5	67.6	107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:	164	Resp:	1607858
Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	45.8	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 77.154 ng

RT: 15.613 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

Instrument :

BNA_P

ClientSampleId :

OLD RETENTION BASIN 40TH

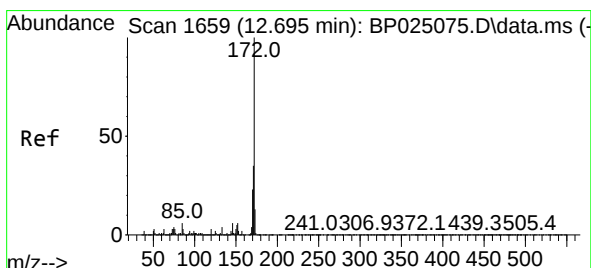
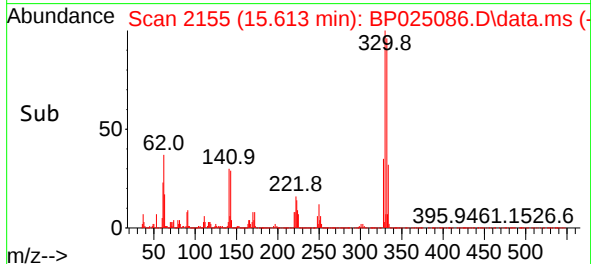
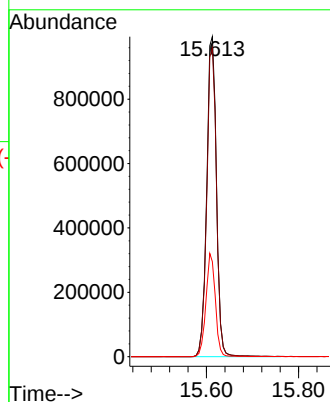
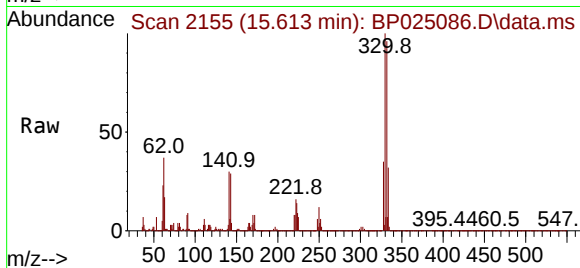
Tgt Ion:330 Resp: 1465486

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 31.4 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 58.007 ng

RT: 12.689 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

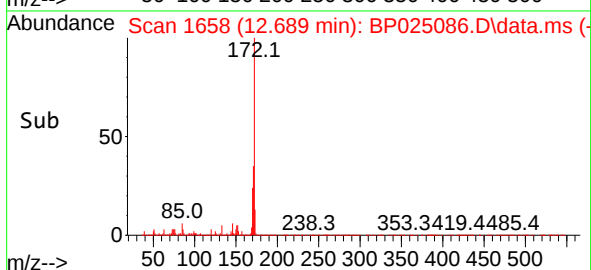
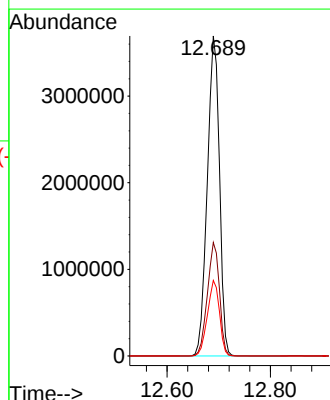
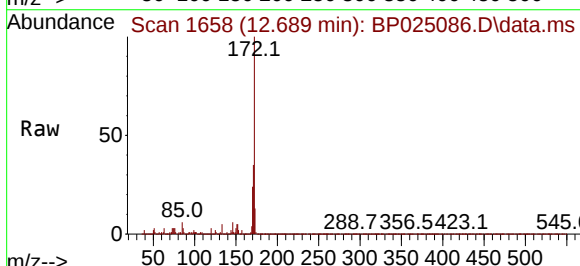
Tgt Ion:172 Resp: 6020432

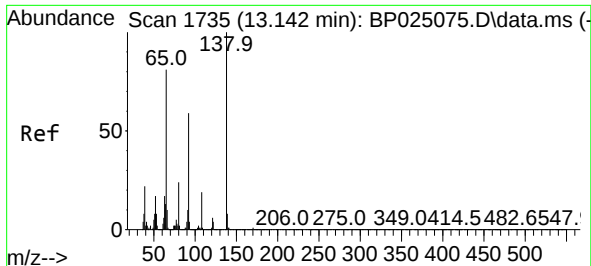
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 18.7 28.1

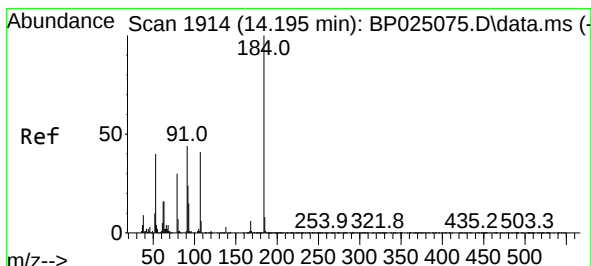
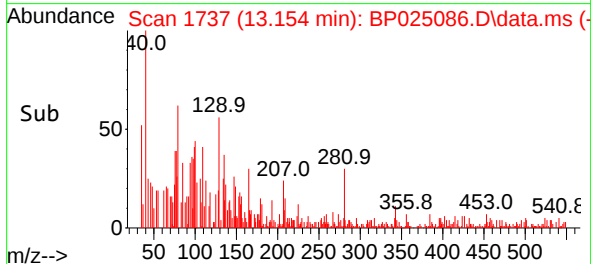
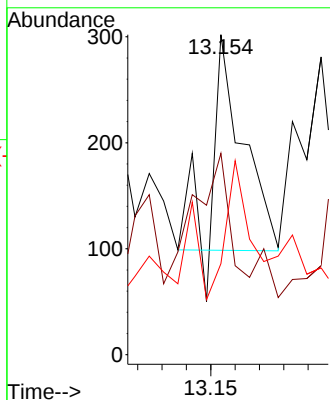
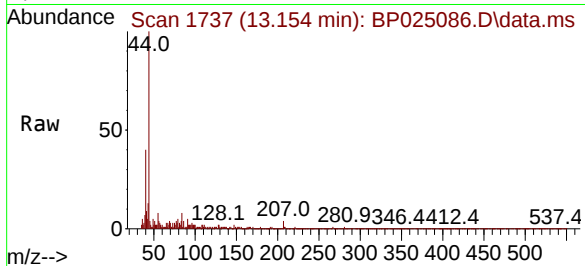




#48
2-Nitroaniline
Concen: 2.772 ng
RT: 13.154 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

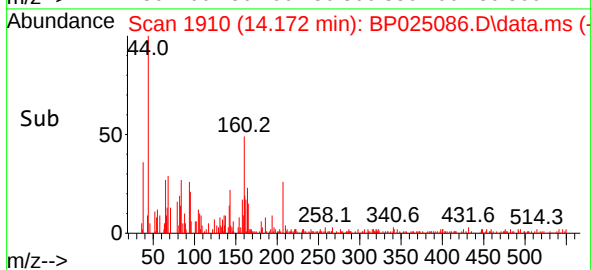
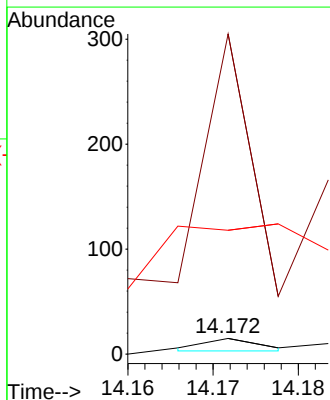
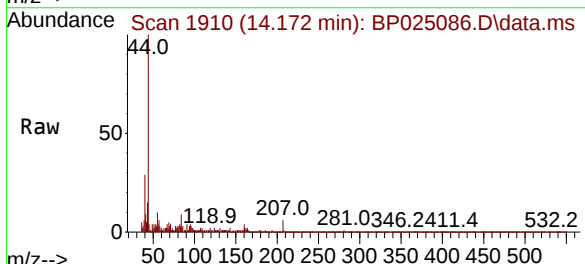
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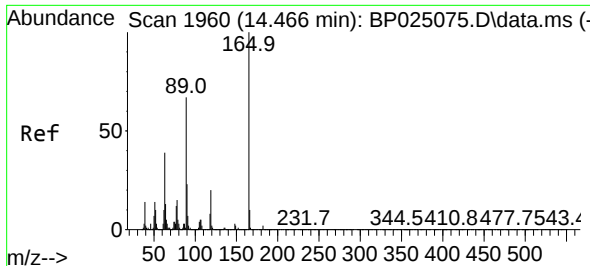
Tgt Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 62.9 58.7 88.1
138 32.5 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.385 ng
RT: 14.172 min Scan# 1910
Delta R.T. -0.023 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion: 184 Resp: 5
Ion Ratio Lower Upper
184 100
63 2033.3 47.4 71.0#
154 866.7 47.8 71.8#

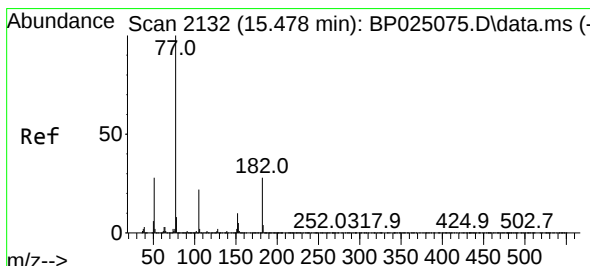
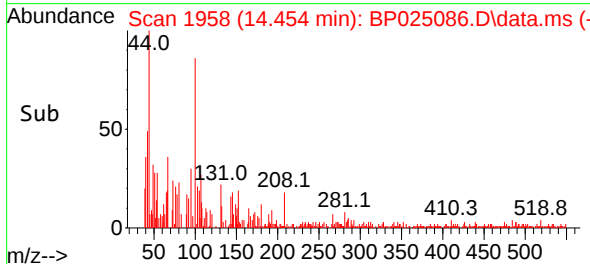
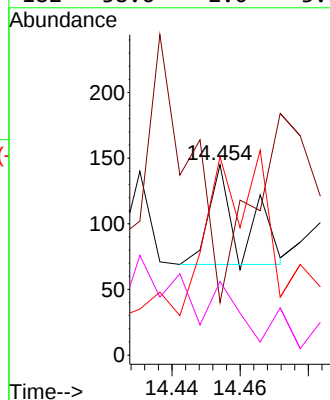
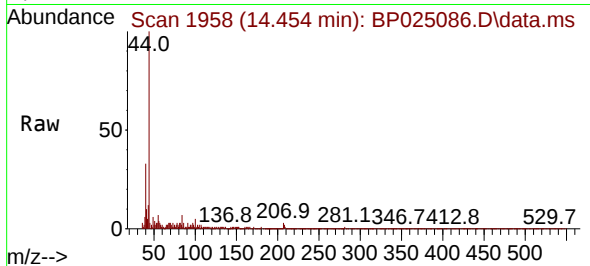




#57
2,4-Dinitrotoluene
Concen: 2.638 ng
RT: 14.454 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

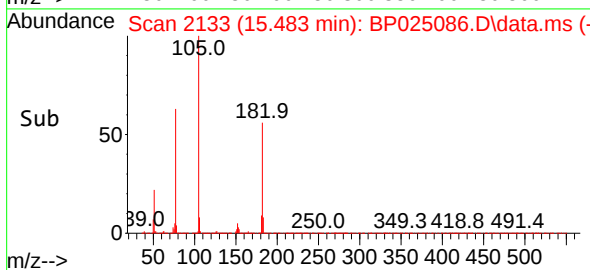
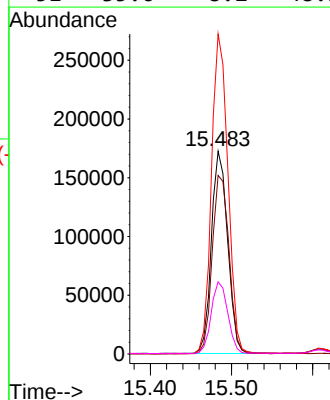
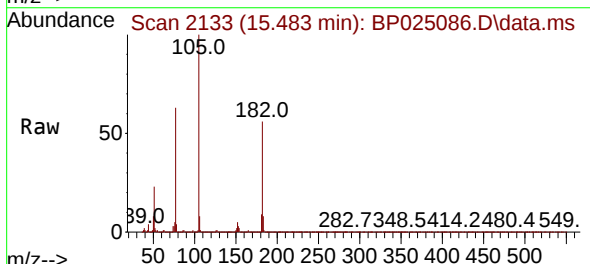
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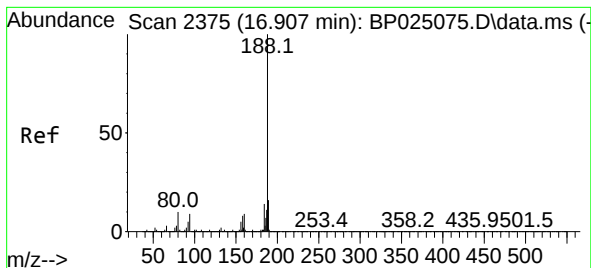
Tgt Ion:	165	Resp:	50
Ion	Ratio	Lower	Upper
165	100		
63	27.6	31.0	46.4#
89	171.0	53.4	80.0#
182	38.6	2.0	3.0#



#63
Azobenzene
Concen: 2.377 ng
RT: 15.483 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:	77	Resp:	239304
Ion	Ratio	Lower	Upper
77	100		
182	88.1	7.7	47.7#
105	157.8	1.9	41.9#
51	35.6	8.2	48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

Instrument :

BNA_P

ClientSampleId :

OLD RETENTION BASIN 40TH

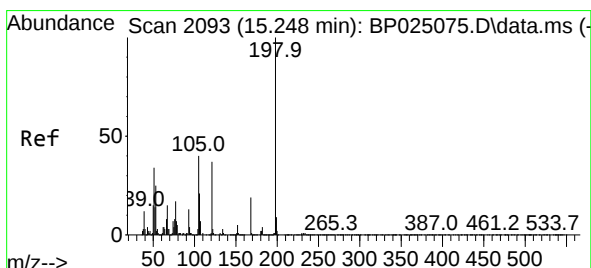
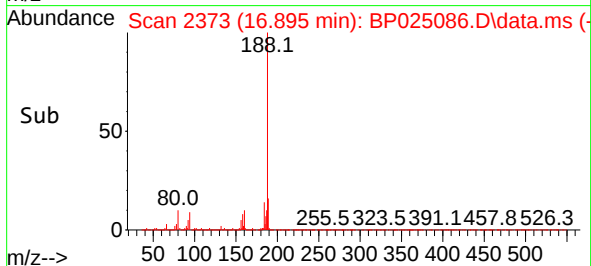
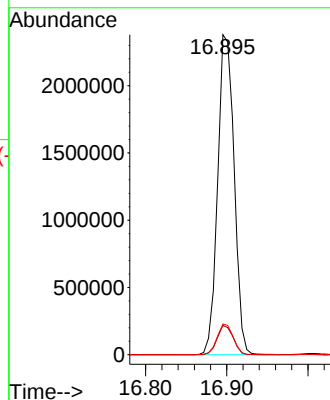
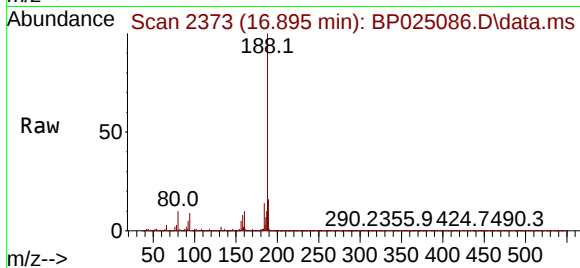
Tgt Ion:188 Resp: 3360998

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 9.6 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.580 ng

RT: 15.231 min Scan# 2090

Delta R.T. -0.017 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

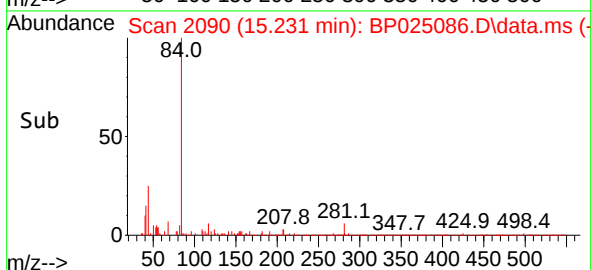
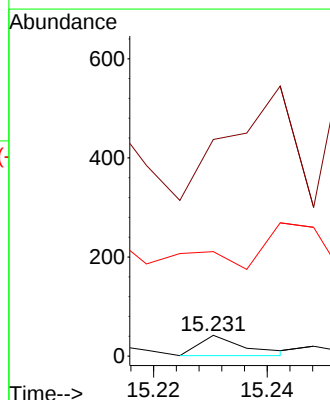
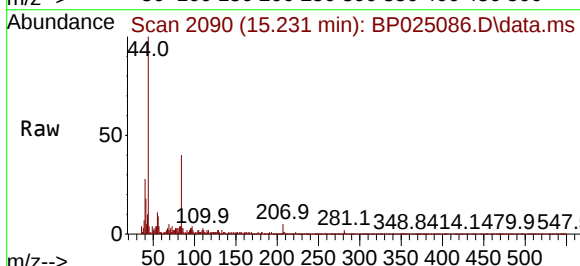
Tgt Ion:198 Resp: 23

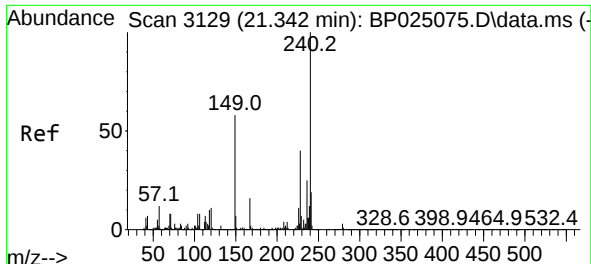
Ion Ratio Lower Upper

198 100

51 1040.5 16.8 56.8#

105 502.4 20.8 60.8#

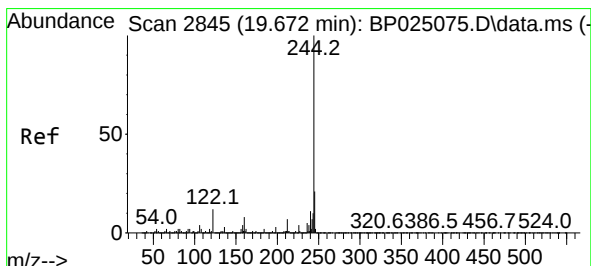
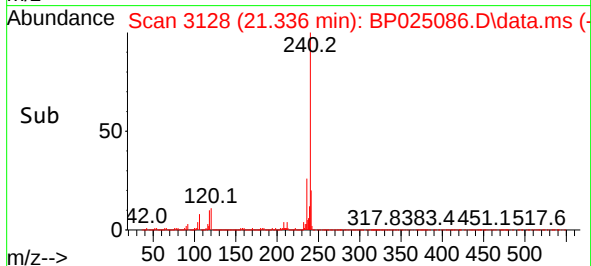
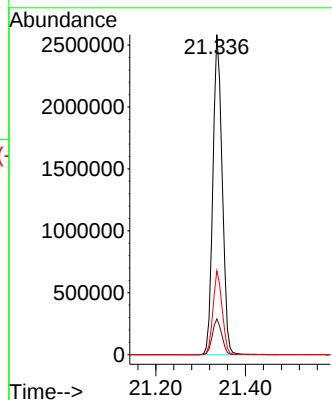
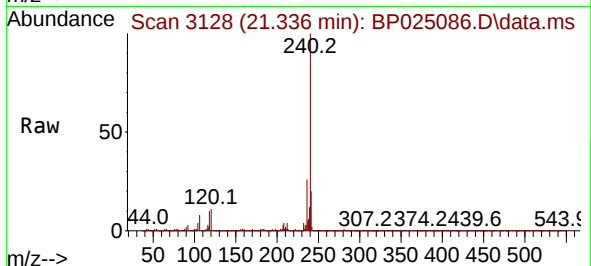




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

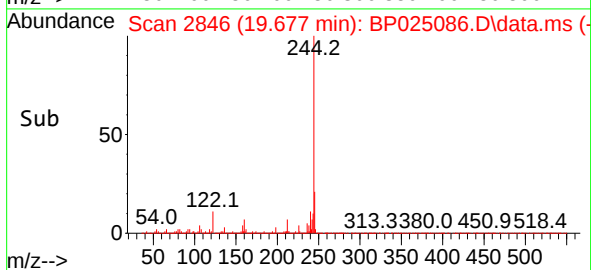
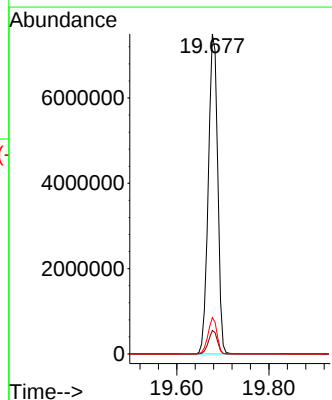
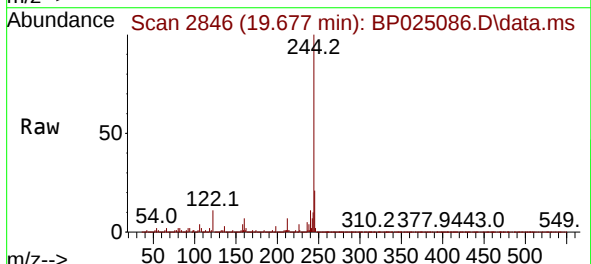
Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

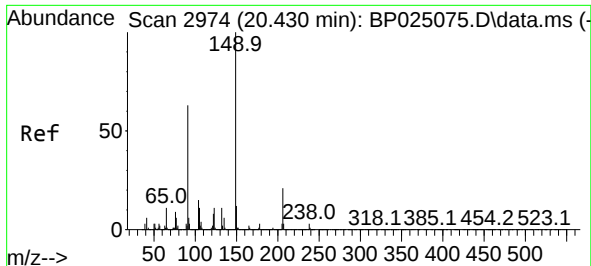
Tgt Ion:240 Resp: 3719680
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 62.982 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:244 Resp:10659521
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.4 9.4 14.2

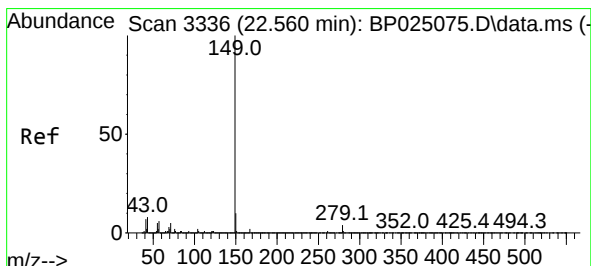
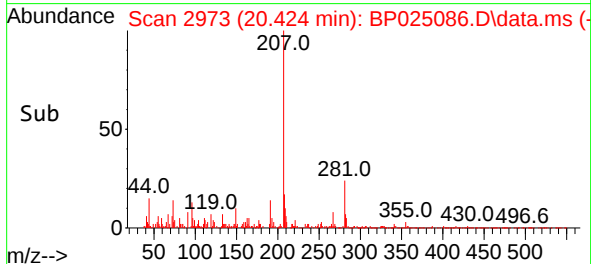
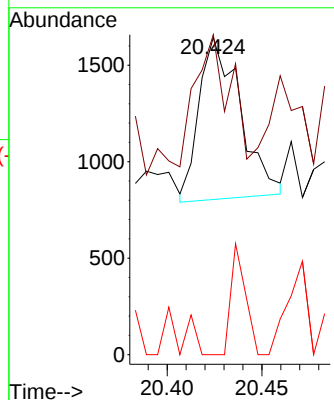
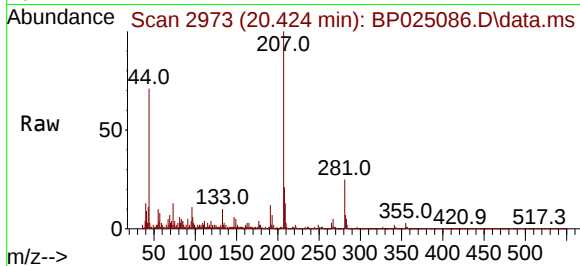




#80
Butylbenzylphthalate
Concen: 3.695 ng
RT: 20.424 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

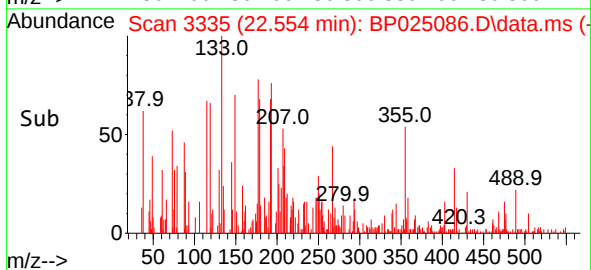
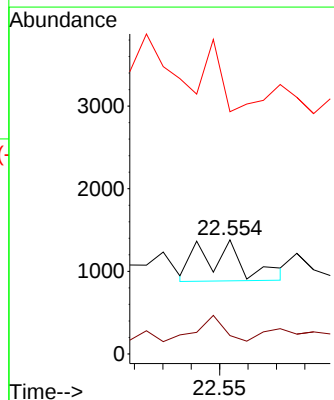
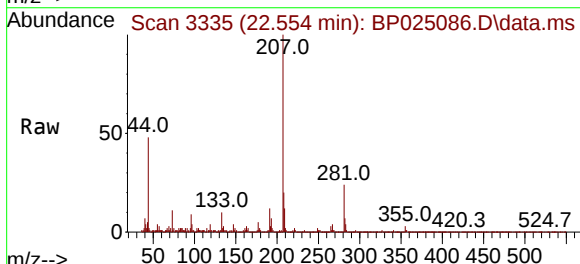
Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

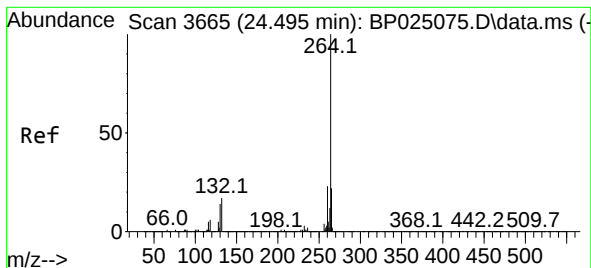
Tgt Ion:149 Resp: 1270
Ion Ratio Lower Upper
149 100
91 100.9 50.6 76.0#
206 0.0 17.2 25.8#



#85
Di-n-octyl phthalate
Concen: 6.101 ng
RT: 22.554 min Scan# 3335
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:149 Resp: 503
Ion Ratio Lower Upper
149 100
167 41.7 1.3 1.9#
43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP025086.D

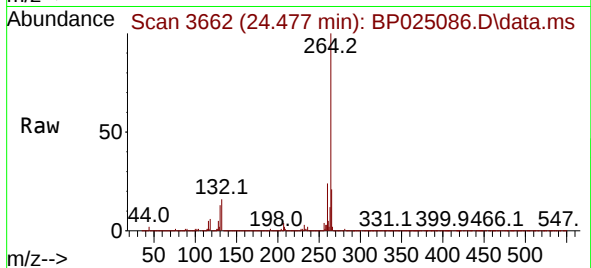
Acq: 10 Jul 2025 16:57

Instrument :

BNA_P

ClientSampleId :

OLD RETENTION BASIN 40TH



Tgt Ion:264 Resp: 4074446

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.7 26.5

