

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025773.D
 Acq On : 17 Sep 2025 19:13
 Operator : CG/JU
 Sample : Q3015-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WP0925-RR-TRIAZINE-WP

Quant Time: Sep 18 14:13:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

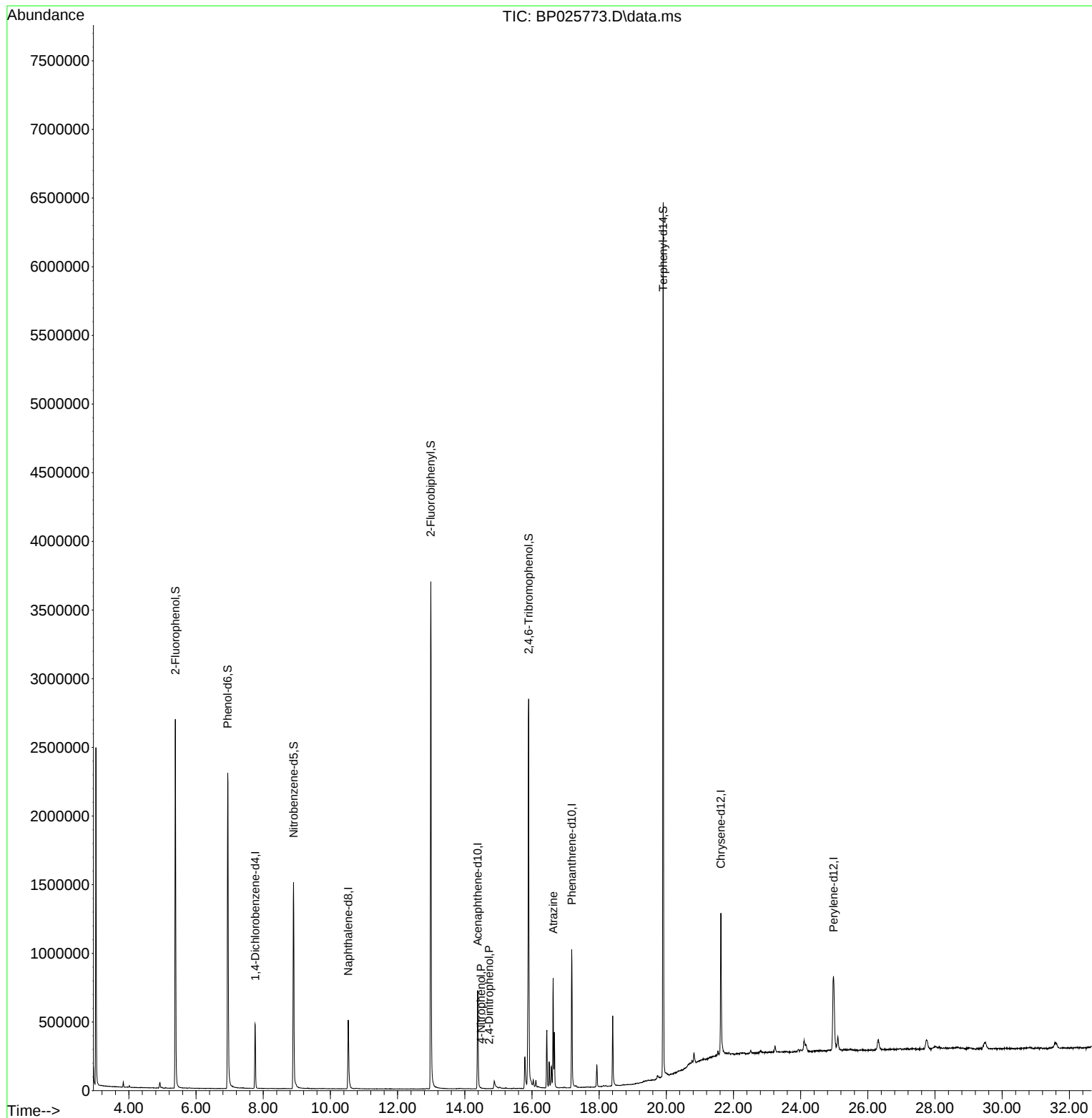
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	132300	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	496704	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	311195	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	639539	20.000	ng	0.00
76) Chrysene-d12	21.624	240	671156	20.000	ng	-0.02
86) Perylene-d12	24.977	264	738005	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1192522	145.442	ng	0.00
7) Phenol-d6	6.943	99	1490175	136.733	ng	0.00
23) Nitrobenzene-d5	8.902	82	973528	86.456	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	541785	139.580	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	2105480	90.087	ng	0.00
79) Terphenyl-d14	19.907	244	3319720	88.983	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.725	184	79	4.847	ng	91
56) 4-Nitrophenol	14.484	139	18	4.486	ng	92
69) Atrazine	16.631	200	138810	18.555	ng	99

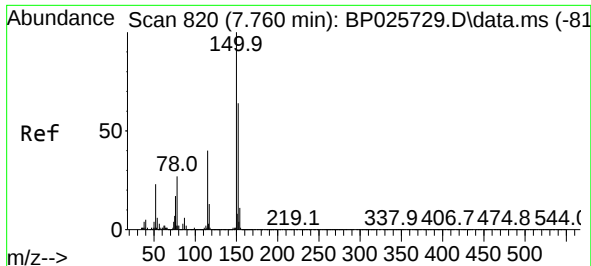
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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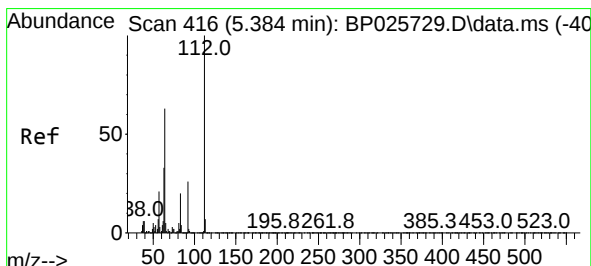
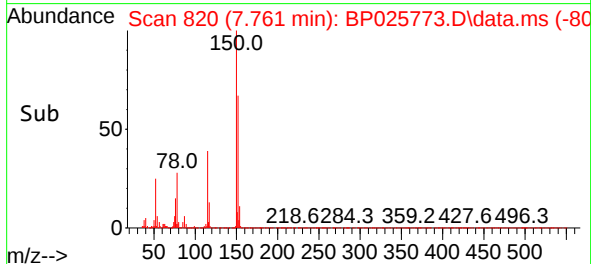
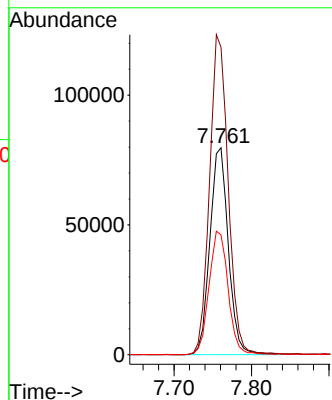
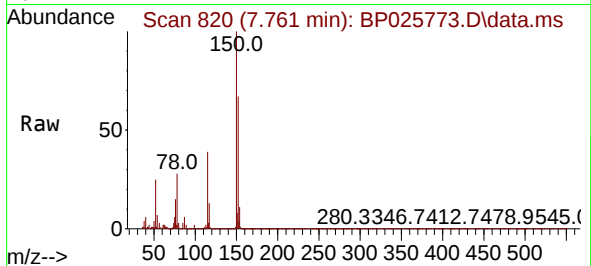




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

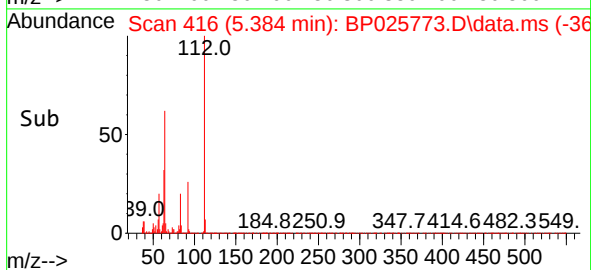
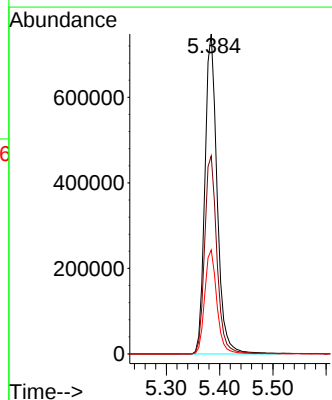
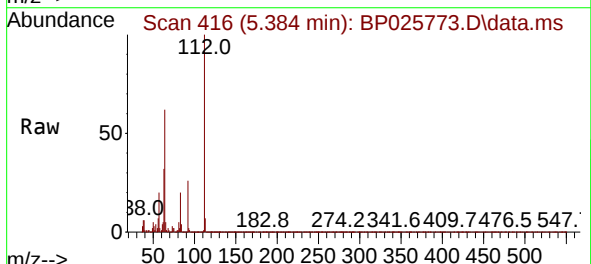
Instrument :
BNA_P
ClientSampleId :
WP0925-RR-TRIAZINE-WP

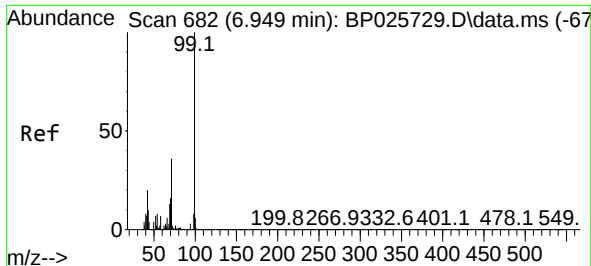
Tgt Ion:152 Resp: 132300
Ion Ratio Lower Upper
152 100
150 148.6 124.3 186.5
115 57.9 50.3 75.5



#5
2-Fluorophenol
Concen: 145.442 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

Tgt Ion:112 Resp: 1192522
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 32.5 26.7 40.1

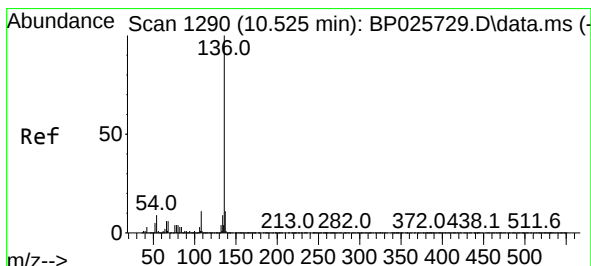
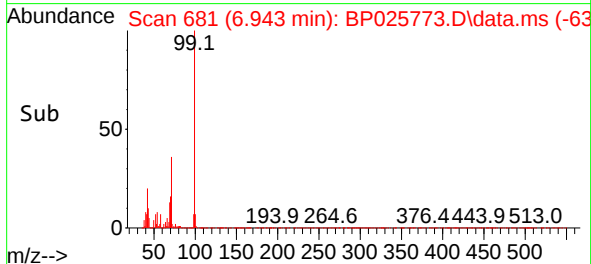
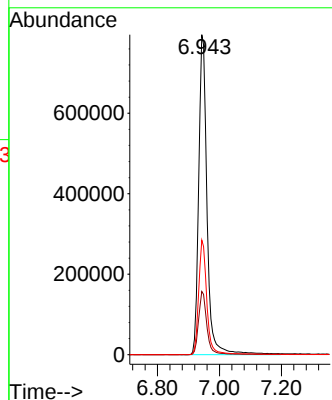
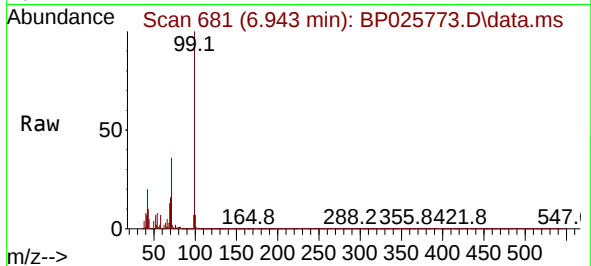




#7
Phenol-d6
Concen: 136.733 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

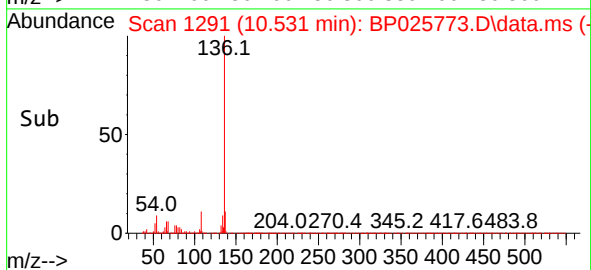
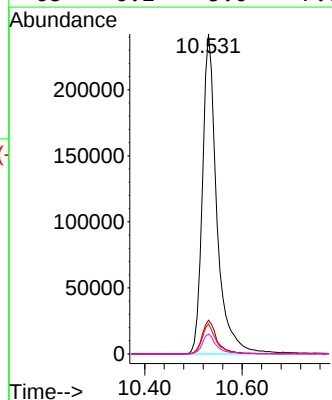
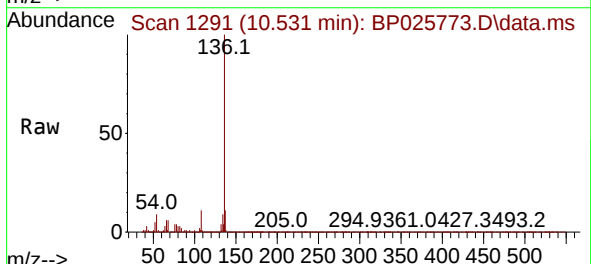
Instrument :
BNA_P
ClientSampleId :
WP0925-RR-TRIAZINE-WP

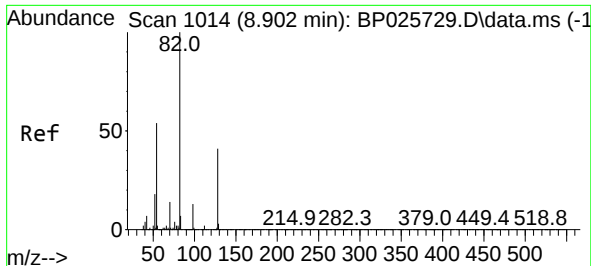
Tgt Ion: 99 Resp: 1490175
Ion Ratio Lower Upper
99 100
42 19.8 15.6 23.4
71 35.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

Tgt Ion:136 Resp: 496704
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.4 7.5 11.3
68 6.2 5.0 7.6

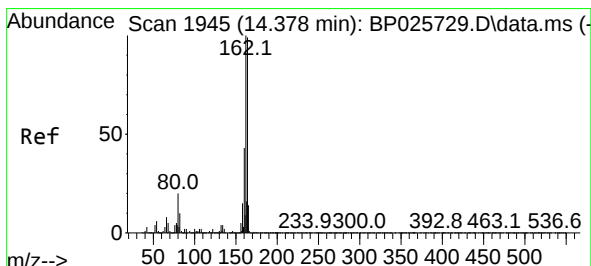
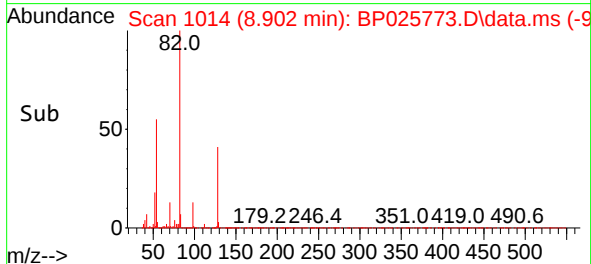
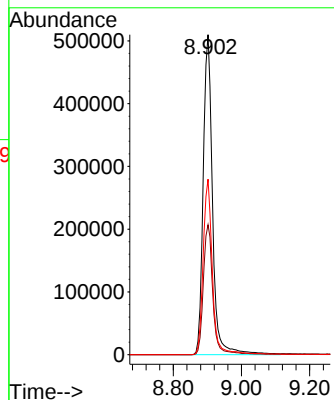
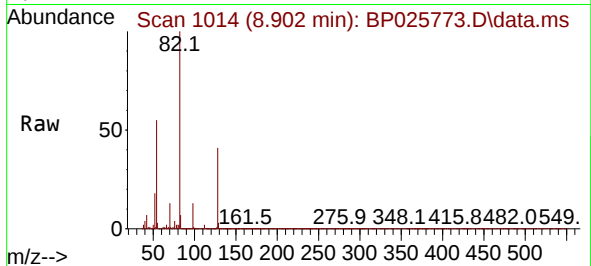




#23
Nitrobenzene-d5
Concen: 86.456 ng
RT: 8.902 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

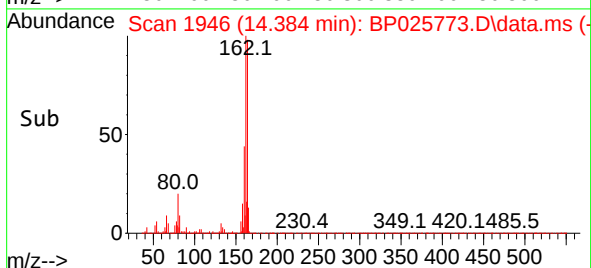
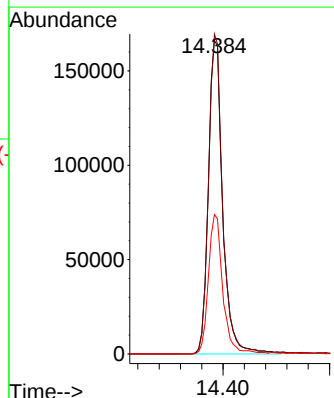
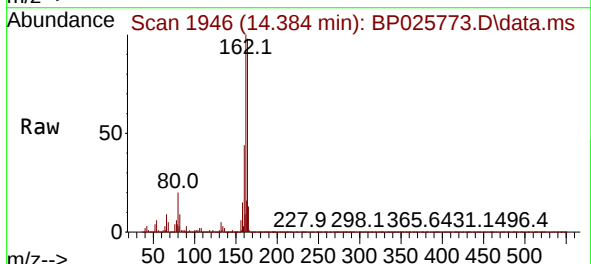
Instrument :
BNA_P
ClientSampleId :
WP0925-RR-TRIAZINE-WP

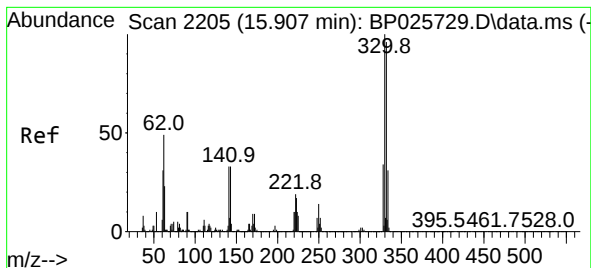
Tgt Ion: 82 Resp: 973528
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 54.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP025773.D
Acq: 17 Sep 2025 19:13

Tgt Ion: 164 Resp: 311195
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 139.580 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

Instrument :

BNA_P

ClientSampleId :

WP0925-RR-TRIAZINE-WP

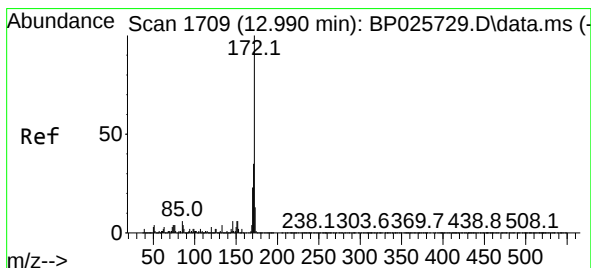
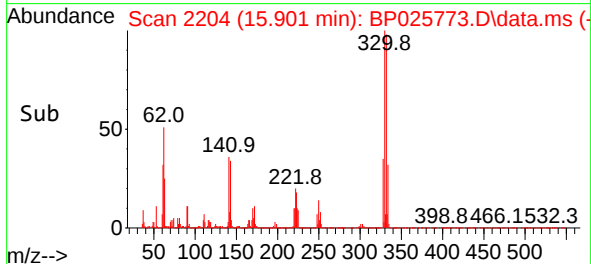
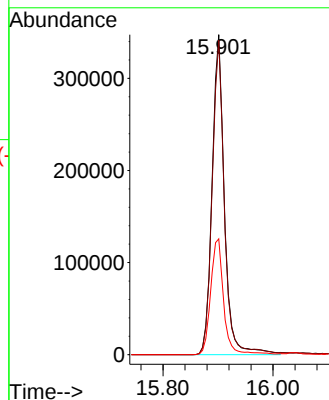
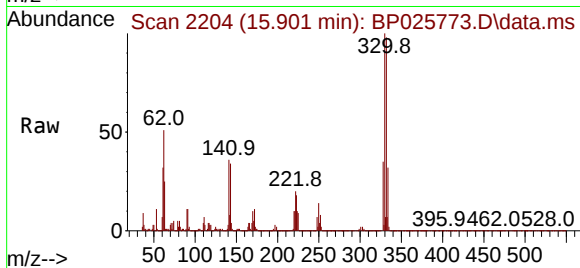
Tgt Ion:330 Resp: 541785

Ion Ratio Lower Upper

330 100

332 98.7 76.9 115.3

141 38.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 90.087 ng

RT: 12.990 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

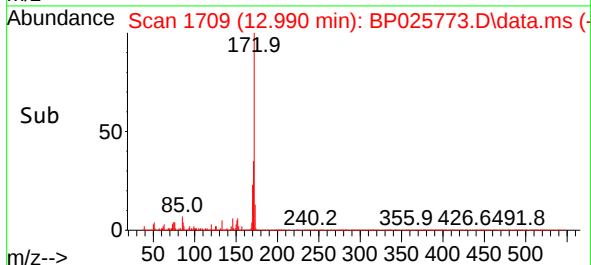
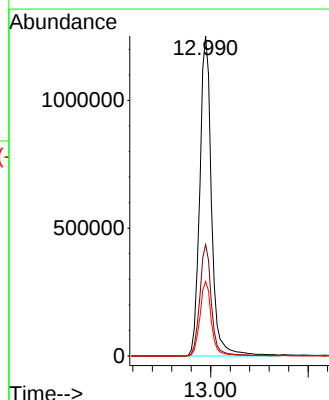
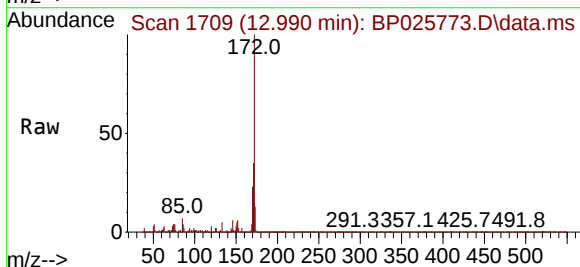
Tgt Ion:172 Resp: 2105480

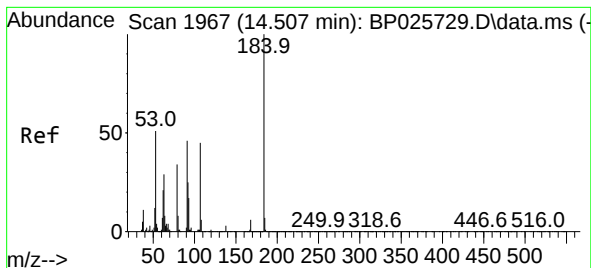
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.3 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.847 ng

RT: 14.725 min Scan# 2004

Delta R.T. 0.218 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

Instrument :

BNA_P

ClientSampleId :

WP0925-RR-TRIAZINE-WP

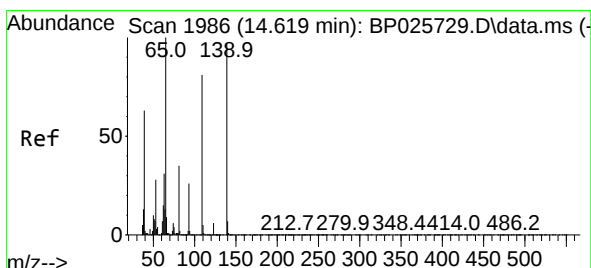
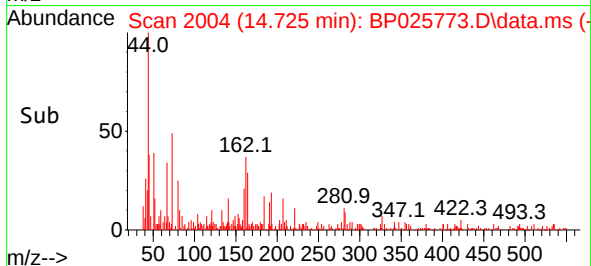
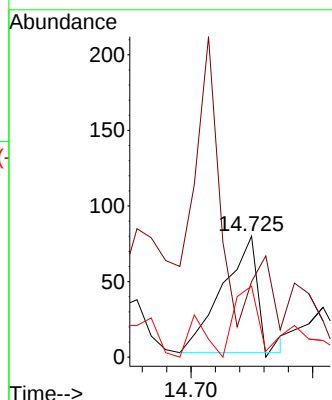
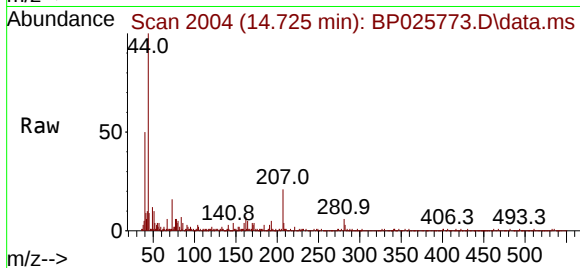
Tgt Ion:184 Resp: 79

Ion Ratio Lower Upper

184 100

63 59.5 52.5 78.7

154 56.0 51.5 77.3



#56

4-Nitrophenol

Concen: 4.486 ng

RT: 14.484 min Scan# 1963

Delta R.T. -0.135 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

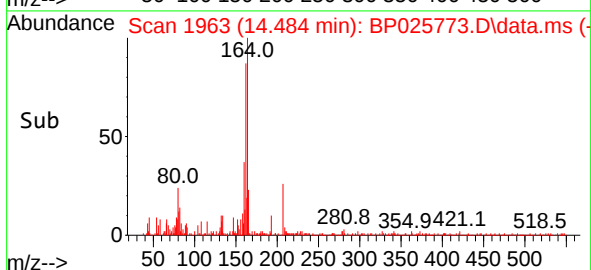
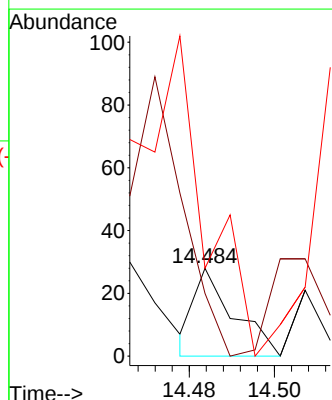
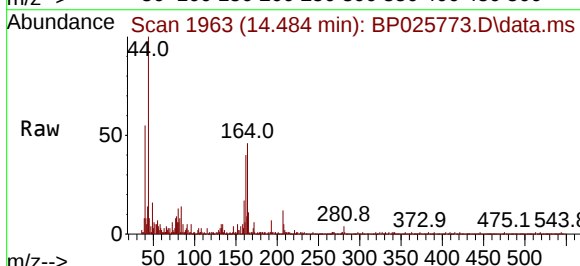
Tgt Ion:139 Resp: 18

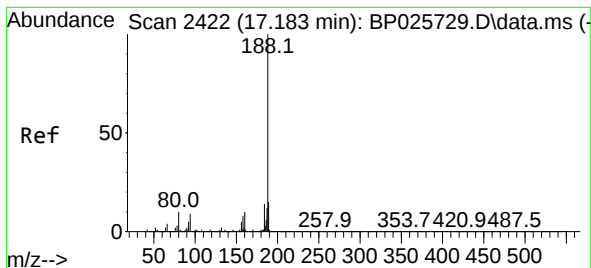
Ion Ratio Lower Upper

139 100

109 71.4 62.9 102.9

65 100.0 83.4 123.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

Instrument :

BNA_P

ClientSampleId :

WP0925-RR-TRIAZINE-WP

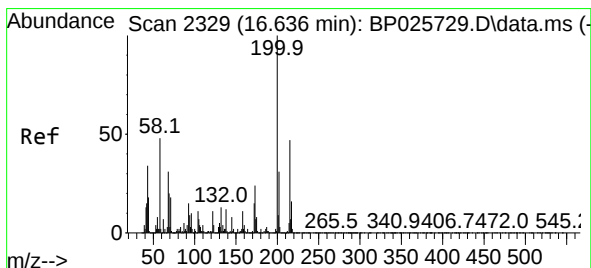
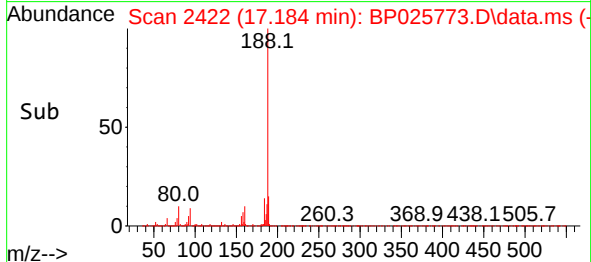
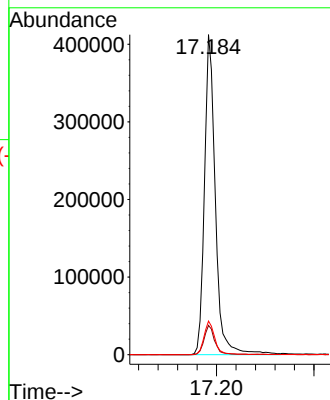
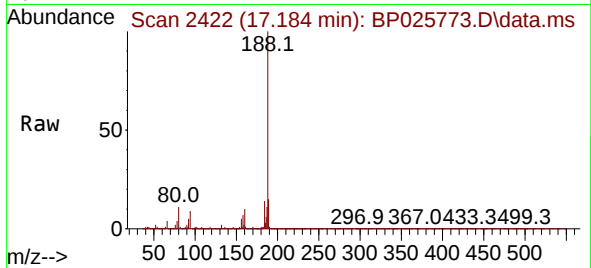
Tgt Ion:188 Resp: 639539

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.5 7.7 11.5



#69

Atrazine

Concen: 18.555 ng

RT: 16.631 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

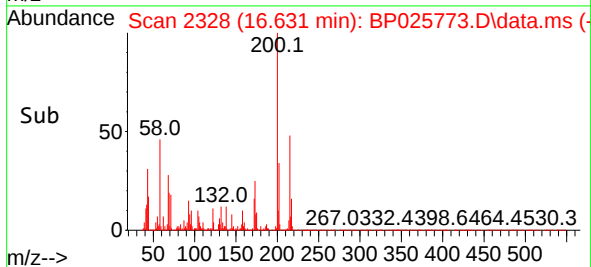
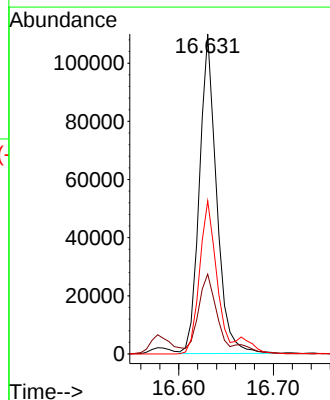
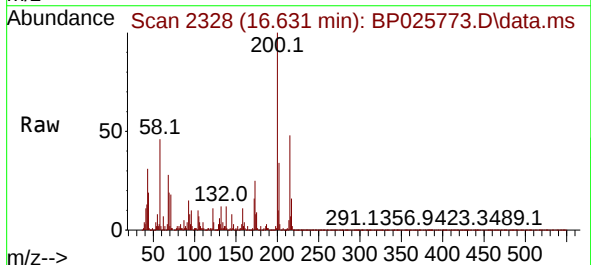
Tgt Ion:200 Resp: 138810

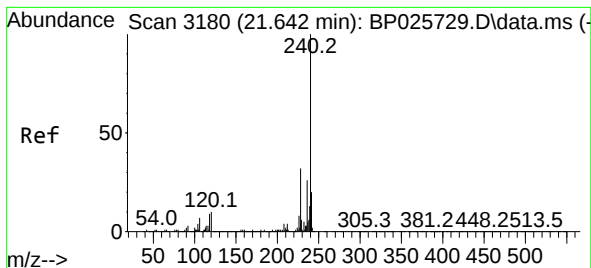
Ion Ratio Lower Upper

200 100

173 24.9 4.2 44.2

215 47.8 27.3 67.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

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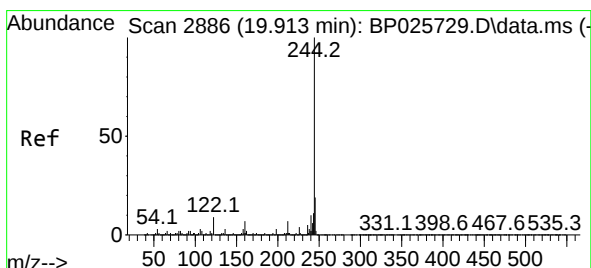
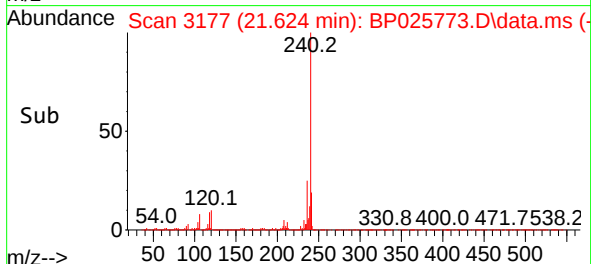
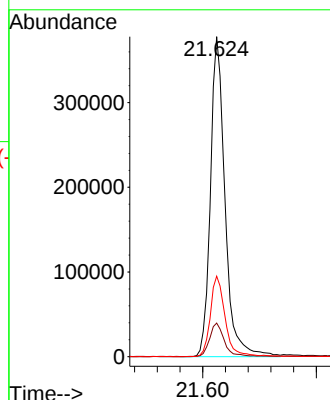
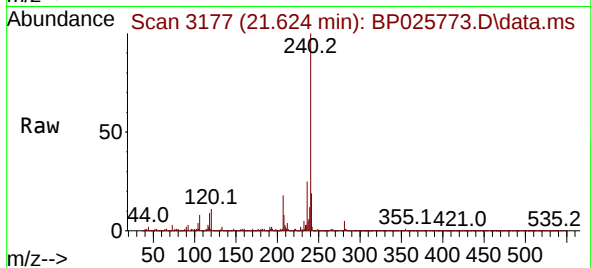
Tgt Ion:240 Resp: 671156

Ion Ratio Lower Upper

240 100

120 10.5 8.0 12.0

236 25.2 20.7 31.1



#79

Terphenyl-d14

Concen: 88.983 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.006 min

Lab File: BP025773.D

Acq: 17 Sep 2025 19:13

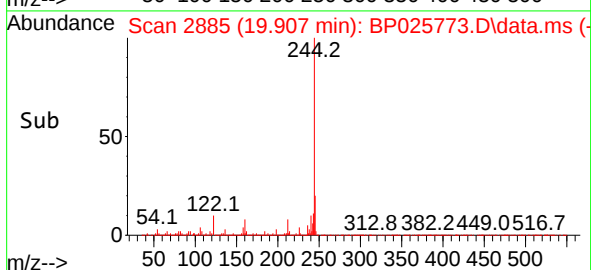
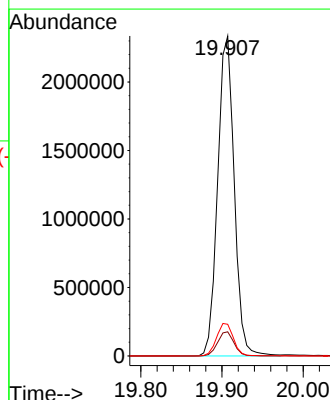
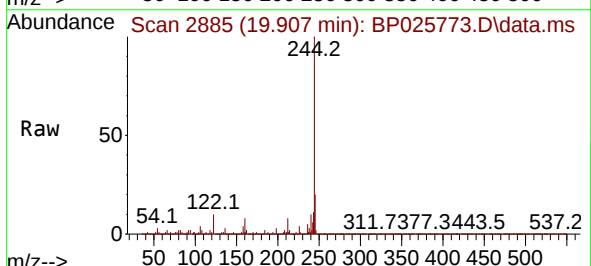
Tgt Ion:244 Resp: 3319720

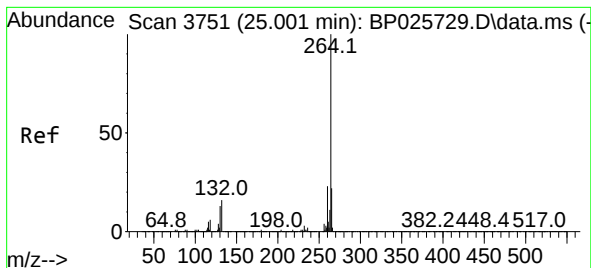
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 9.9 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025773.D

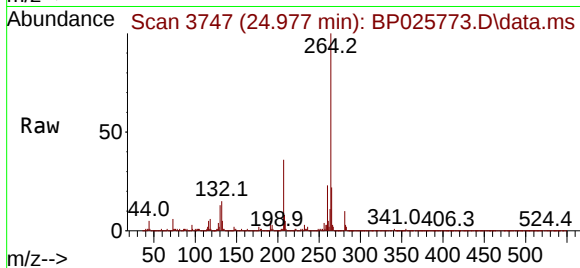
Acq: 17 Sep 2025 19:13

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Tgt Ion:264 Resp: 738005

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.2 17.3 25.9

