

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025770.D
 Acq On : 17 Sep 2025 14:26
 Operator : CG/JU
 Sample : PB169726BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169672BL

Quant Time: Sep 17 15:39:37 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)

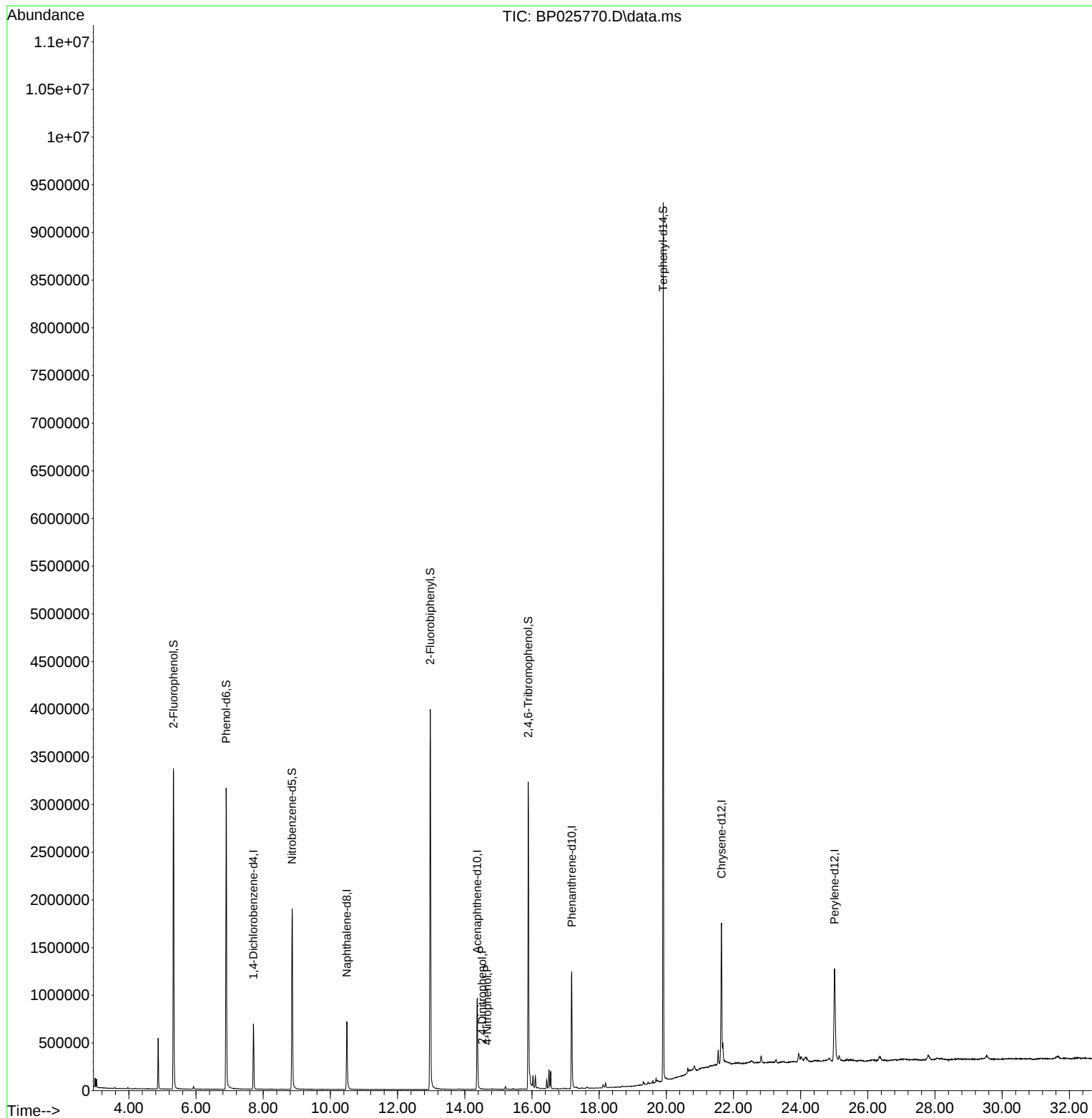
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	186534	20.000	ng	-0.05
21) Naphthalene-d8	10.490	136	690312	20.000	ng	-0.04
39) Acenaphthene-d10	14.372	164	428143	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	871890	20.000	ng	0.00
76) Chrysene-d12	21.642	240	964605	20.000	ng	0.00
86) Perylene-d12	25.007	264	1097538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.331	112	1499577	129.716	ng	-0.05
7) Phenol-d6	6.896	99	1804329	117.424	ng	-0.05
23) Nitrobenzene-d5	8.861	82	1203343	76.894	ng	-0.04
42) 2,4,6-Tribromophenol	15.890	330	660890	123.757	ng	-0.02
45) 2-Fluorobiphenyl	12.972	172	2623653	81.594	ng	-0.02
79) Terphenyl-d14	19.907	244	4228379	78.859	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.519	184	13	4.827	ng	# 24
56) 4-Nitrophenol	14.666	139	83	4.495	ng	# 44

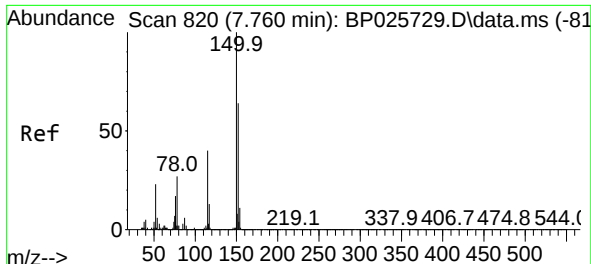
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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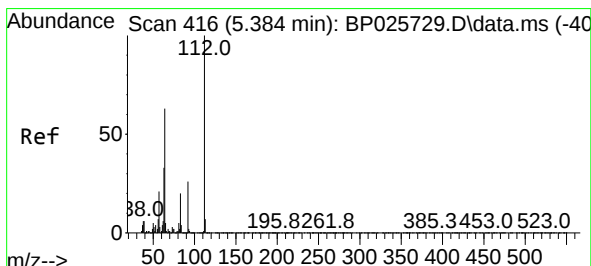
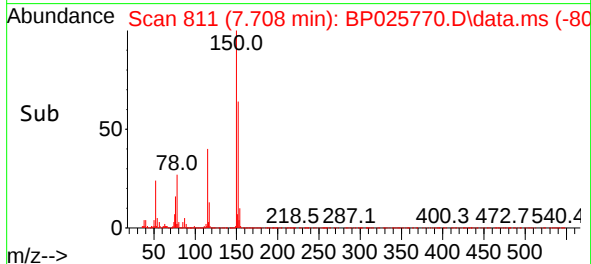
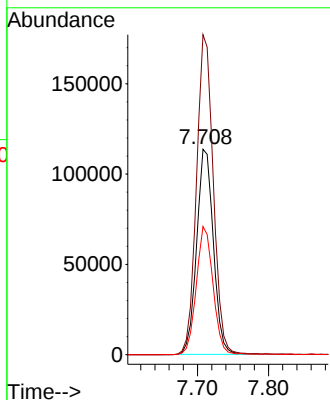
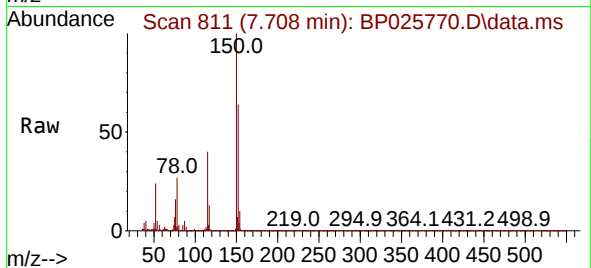




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.708 min Scan# 81
 Delta R.T. -0.052 min
 Lab File: BP025770.D
 Acq: 17 Sep 2025 14:26

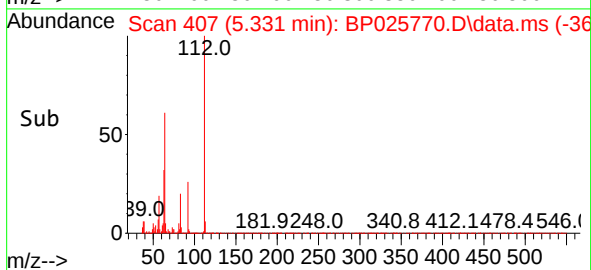
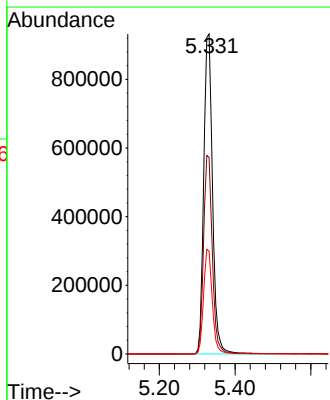
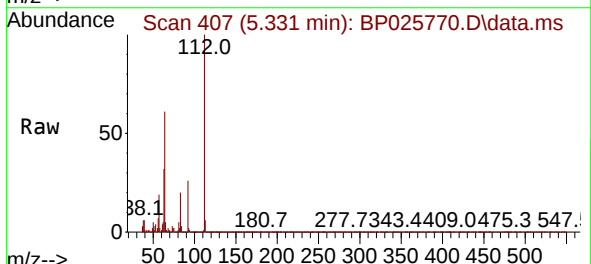
Instrument :
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 ClientSampleId :
 PB169672BL

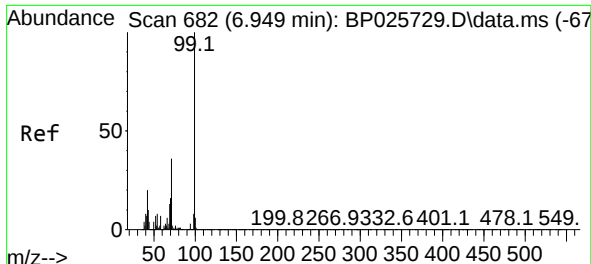
Tgt Ion:152 Resp: 186534
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.3 186.5
 115 62.4 50.3 75.5



#5
 2-Fluorophenol
 Concen: 129.716 ng
 RT: 5.331 min Scan# 407
 Delta R.T. -0.053 min
 Lab File: BP025770.D
 Acq: 17 Sep 2025 14:26

Tgt Ion:112 Resp: 1499577
 Ion Ratio Lower Upper
 112 100
 64 61.4 50.2 75.4
 63 32.2 26.7 40.1

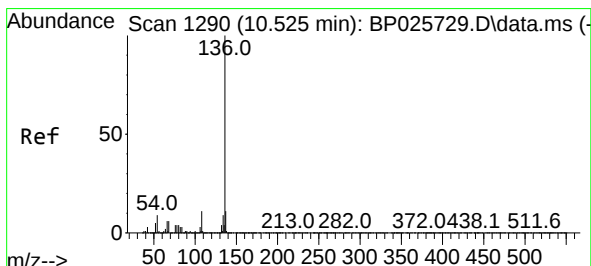
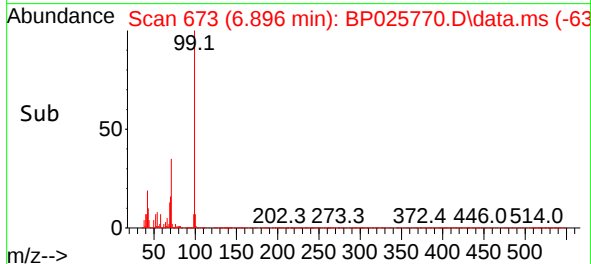
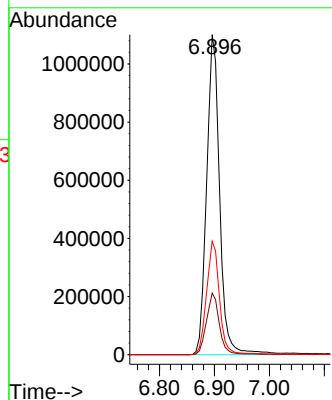
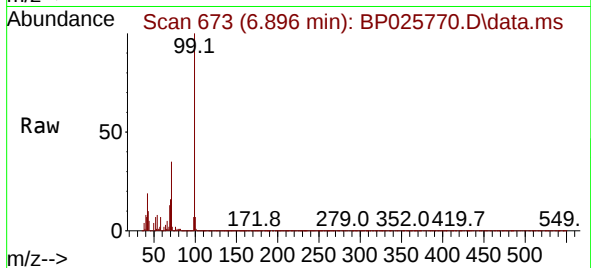




#7
Phenol-d6
Concen: 117.424 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

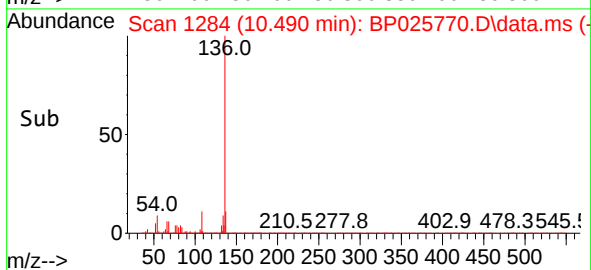
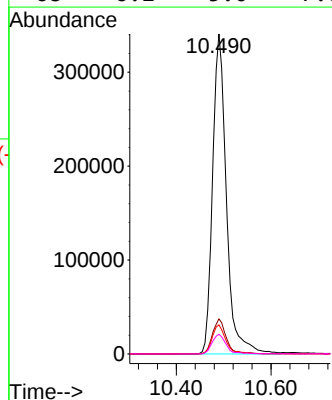
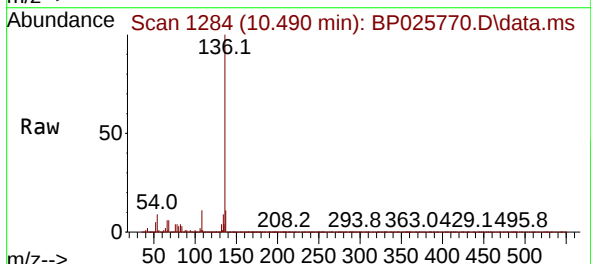
Instrument :
BNA_P
ClientSampleId :
PB169672BL

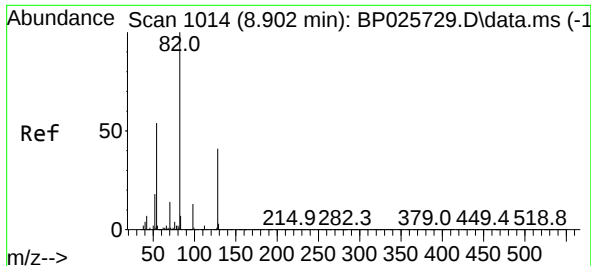
Tgt Ion: 99 Resp: 1804329
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.490 min Scan# 1284
Delta R.T. -0.035 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

Tgt Ion: 136 Resp: 690312
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.1 7.5 11.3
68 6.2 5.0 7.6

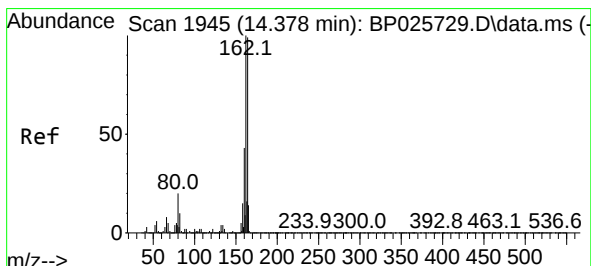
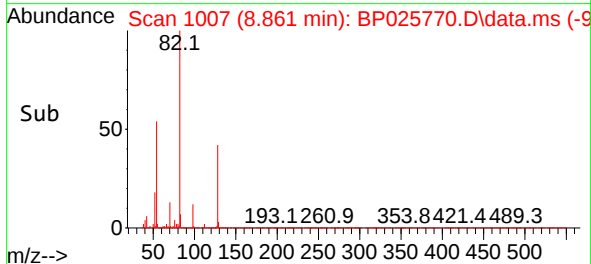
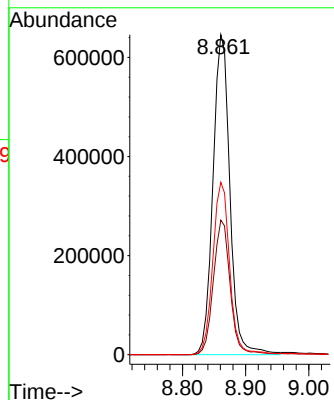
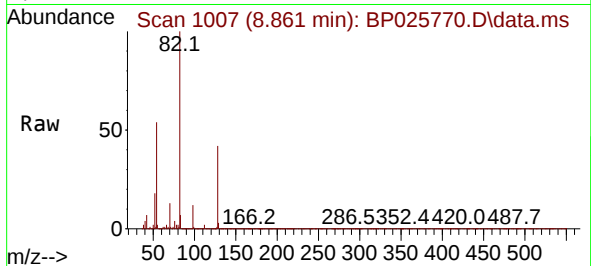




#23
Nitrobenzene-d5
Concen: 76.894 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.041 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

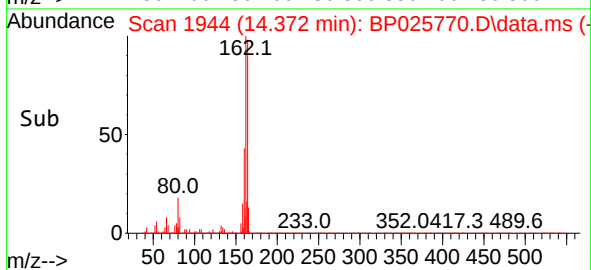
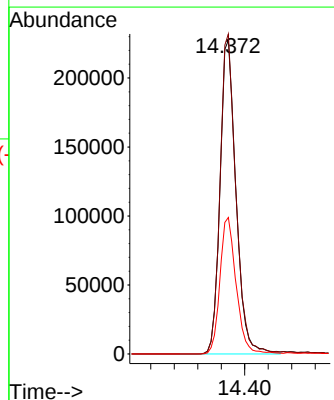
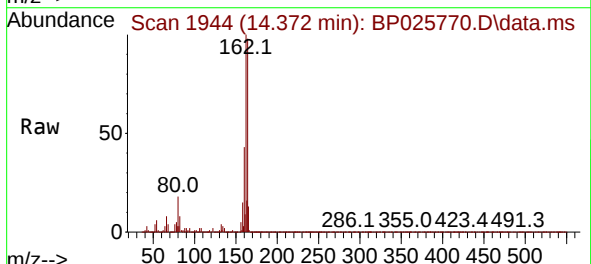
Instrument :
BNA_P
ClientSampleId :
PB169672BL

Tgt Ion: 82 Resp: 1203343
Ion Ratio Lower Upper
82 100
128 42.1 32.9 49.3
54 53.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

Tgt Ion:164 Resp: 428143
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 123.757 ng

RT: 15.890 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025770.D

Acq: 17 Sep 2025 14:26

Instrument :

BNA_P

ClientSampleId :

PB169672BL

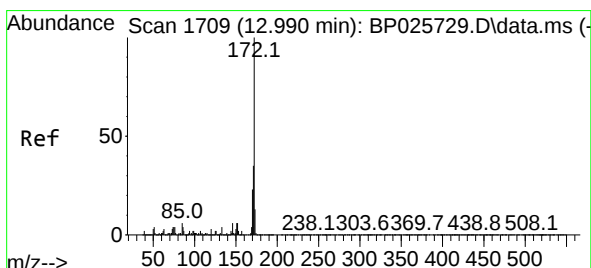
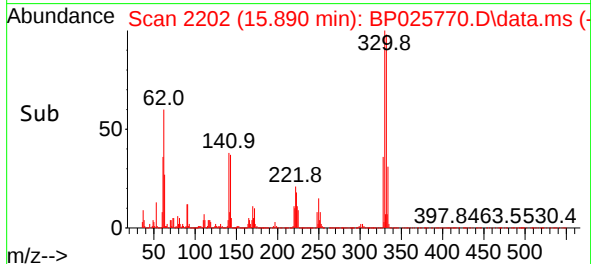
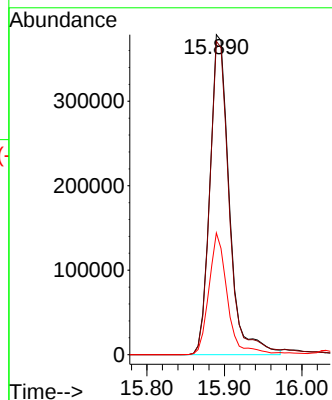
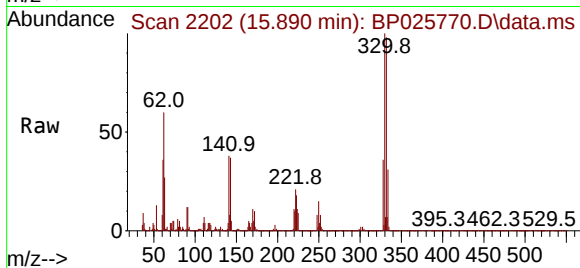
Tgt Ion:330 Resp: 660890

Ion Ratio Lower Upper

330 100

332 99.8 76.9 115.3

141 36.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 81.594 ng

RT: 12.972 min Scan# 1706

Delta R.T. -0.018 min

Lab File: BP025770.D

Acq: 17 Sep 2025 14:26

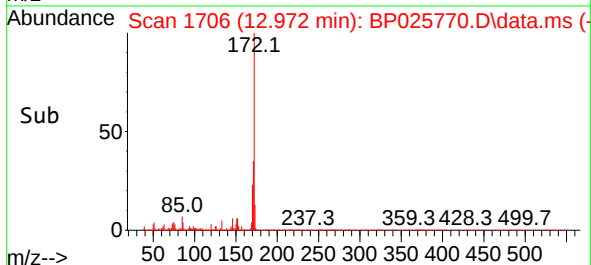
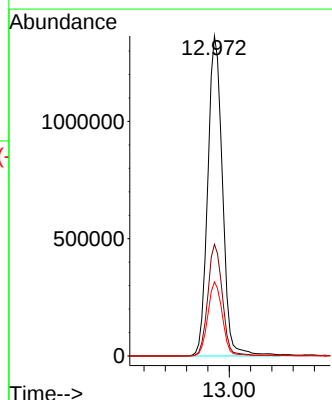
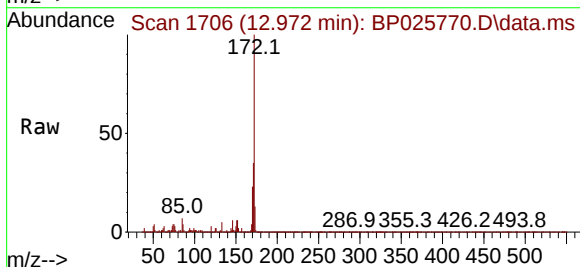
Tgt Ion:172 Resp: 2623653

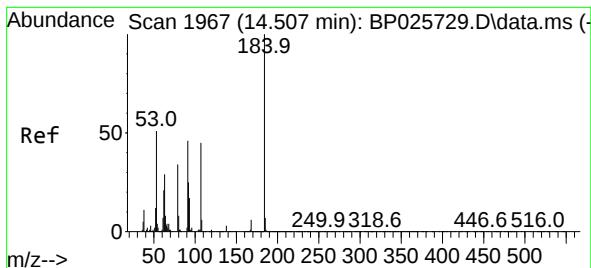
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.2 18.6 27.8

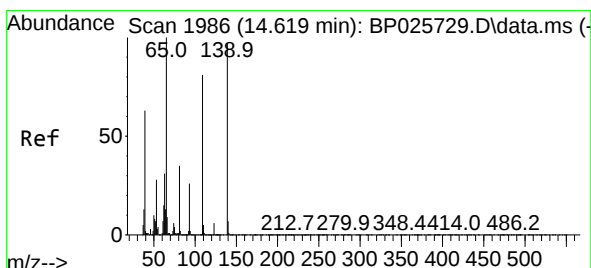
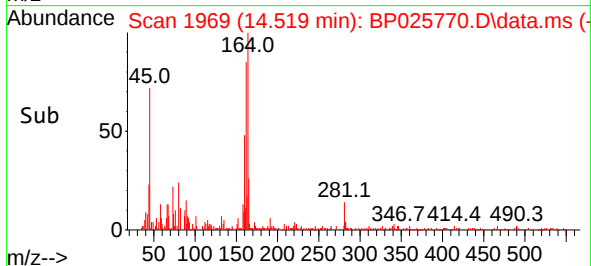
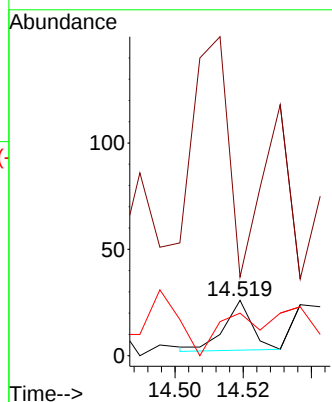
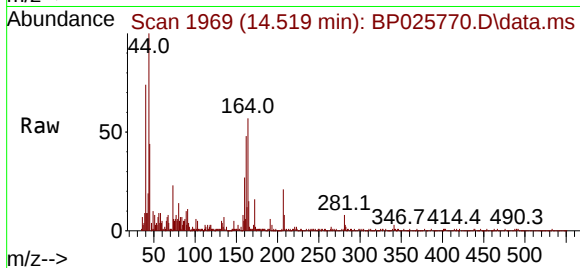




#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

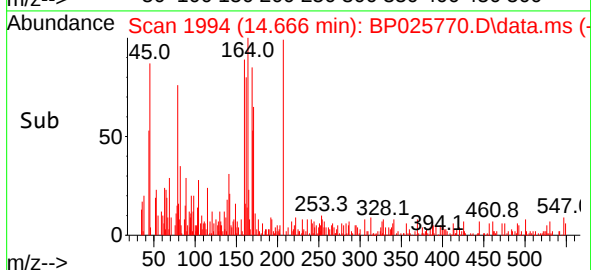
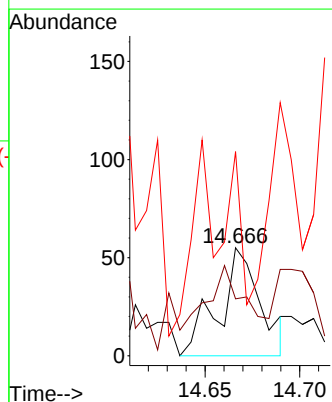
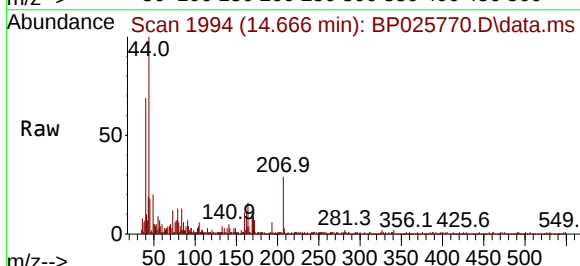
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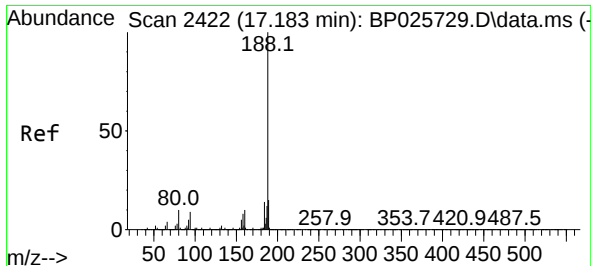
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 173.1 52.5 78.7#
154 76.9 51.5 77.3



#56
4-Nitrophenol
Concen: 4.495 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.047 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

Tgt Ion:139 Resp: 83
Ion Ratio Lower Upper
139 100
109 49.2 62.9 102.9#
65 176.3 83.4 123.4#

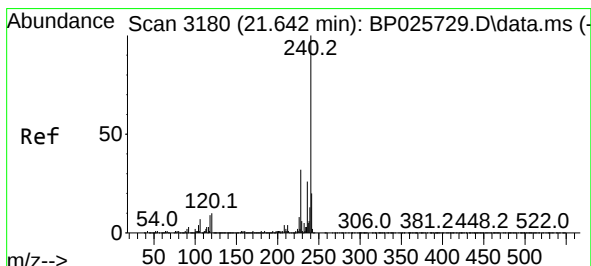
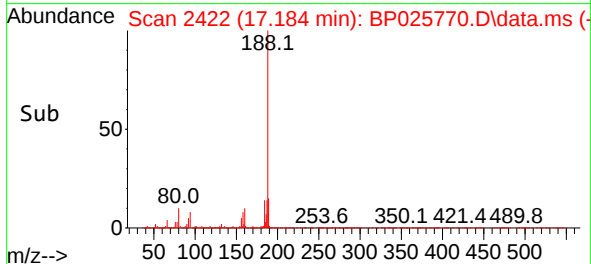
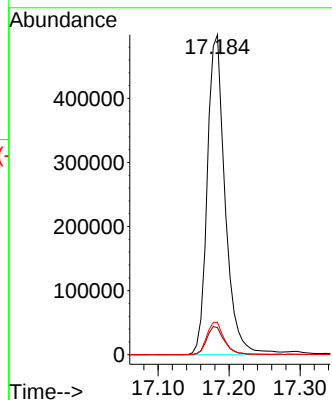
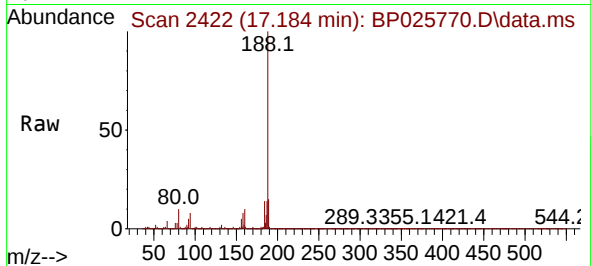




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

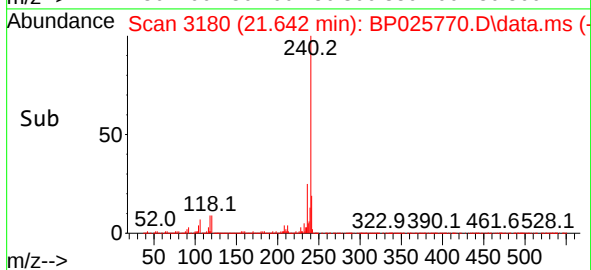
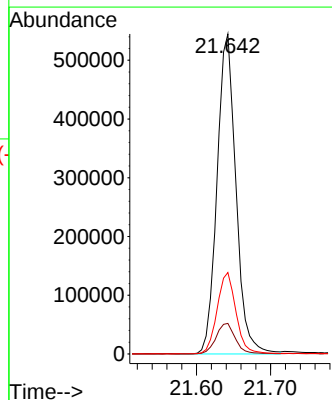
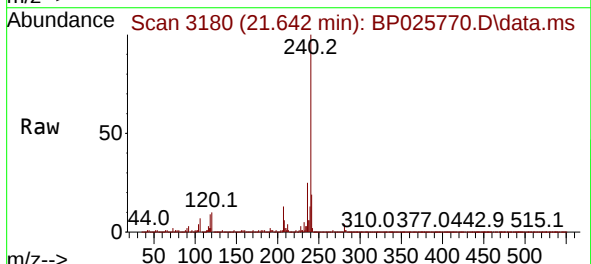
Instrument :
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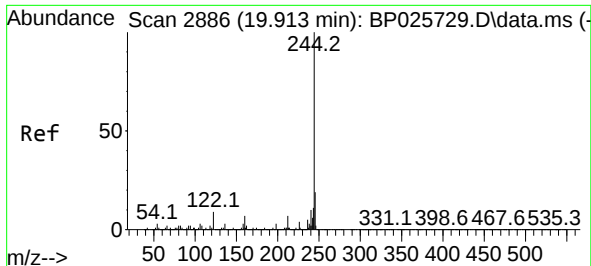
Tgt Ion:188 Resp: 871890
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025770.D
Acq: 17 Sep 2025 14:26

Tgt Ion:240 Resp: 964605
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.5 20.7 31.1

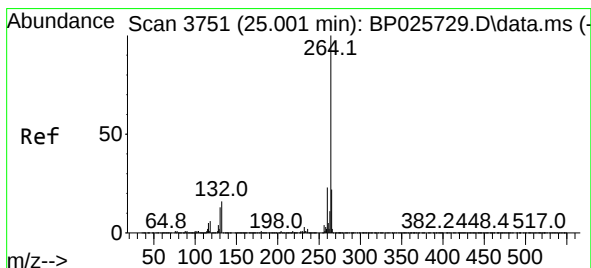
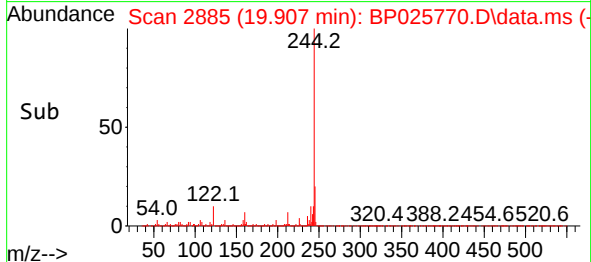
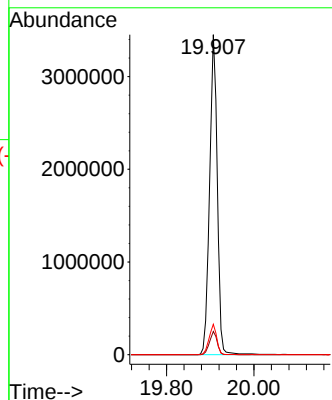
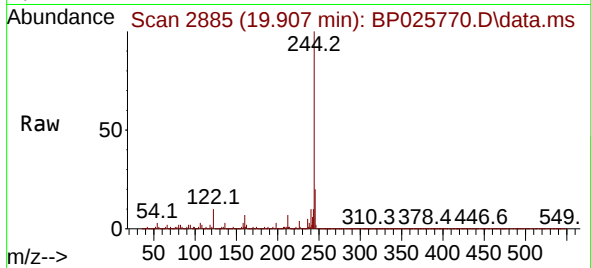




#79
 Terphenyl-d14
 Concen: 78.859 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025770.D
 Acq: 17 Sep 2025 14:26

Instrument :
 BNA_P
 ClientSampleId :
 PB169672BL

Tgt Ion:244 Resp: 4228379
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 3752
 Delta R.T. 0.006 min
 Lab File: BP025770.D
 Acq: 17 Sep 2025 14:26

Tgt Ion:264 Resp: 1097538
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.0 17.3 25.9

