

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025870.D
 Acq On : 26 Sep 2025 15:04
 Operator : CG/JU
 Sample : PB169858BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 26 15:26:35 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)

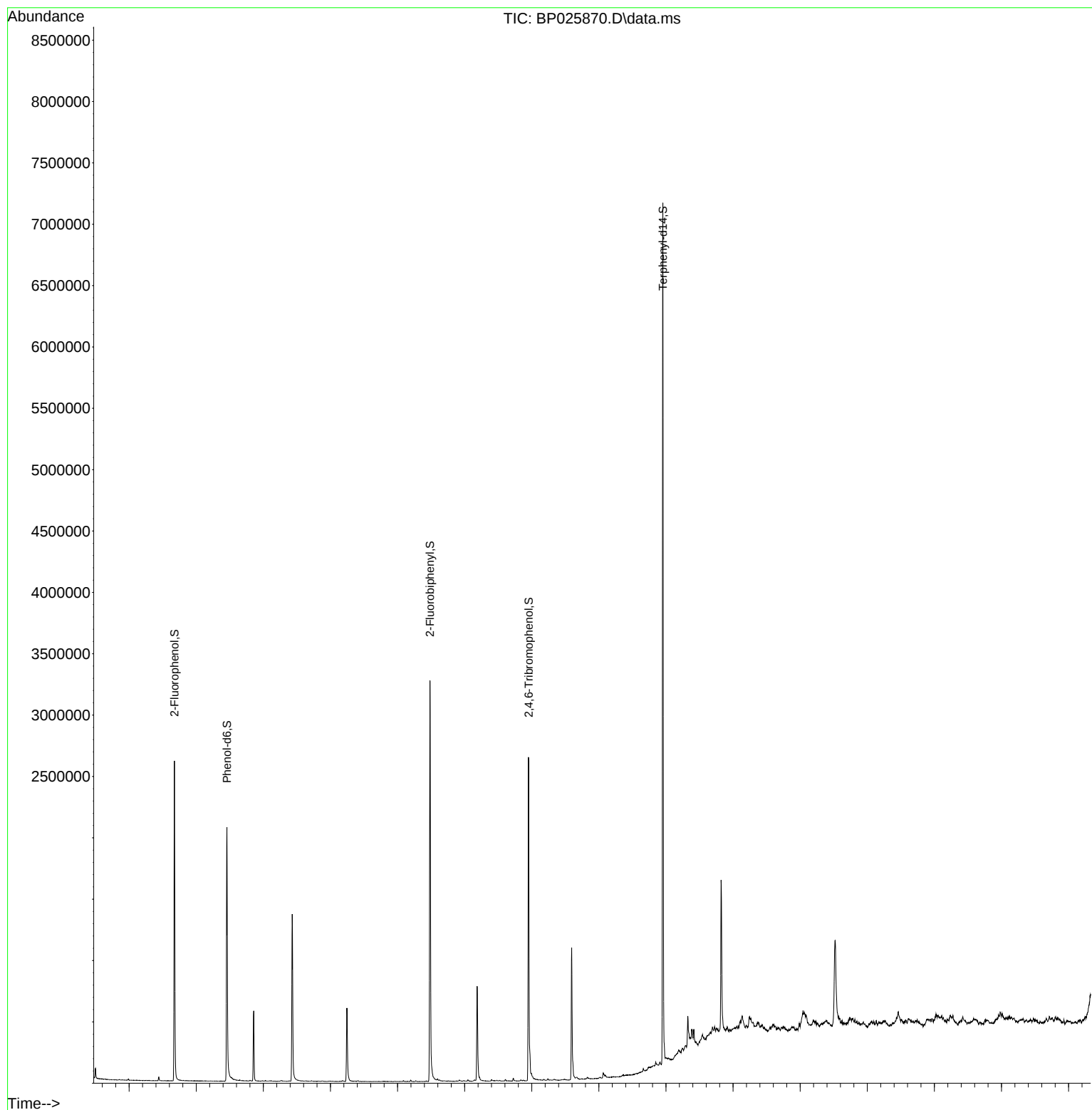
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	165279	20.000	ng	-0.05
21) Naphthalene-d8	10.490	136	615137	20.000	ng	-0.04
39) Acenaphthene-d10	14.372	164	389107	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	822405	20.000	ng	0.00
76) Chrysene-d12	21.642	240	965713	20.000	ng	0.00
86) Perylene-d12	25.036	264	1081031	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.349	112	1269629	123.948	ng	-0.04
7) Phenol-d6	6.913	99	1494581	109.774	ng	-0.04
23) Nitrobenzene-d5	8.860	82	969527	69.524	ng	-0.04
42) 2,4,6-Tribromophenol	15.907	330	672869	138.641	ng	0.00
45) 2-Fluorobiphenyl	12.966	172	2260436	77.351	ng	-0.02
79) Terphenyl-d14	19.907	244	4163718	77.564	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.495	184	37	4.833	ng	# 1
56) 4-Nitrophenol	14.684	139	97	4.498	ng	# 82

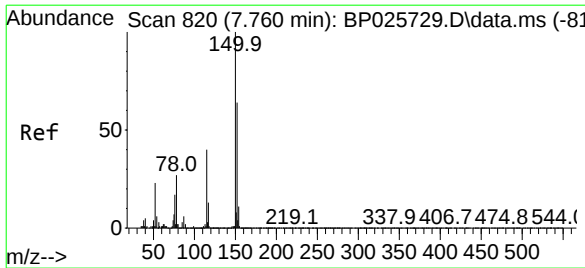
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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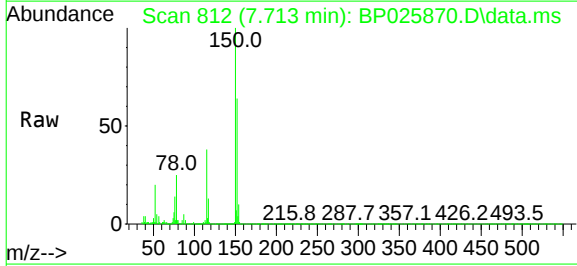
Quant Time: Sep 26 15:26:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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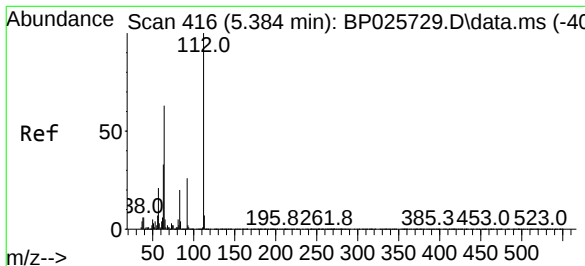
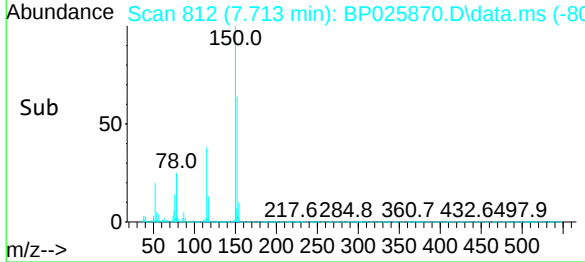
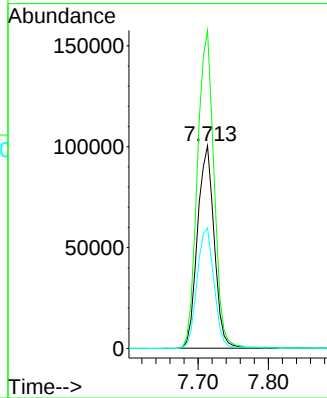


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

Instrument :
BNA_P
ClientSampleId :

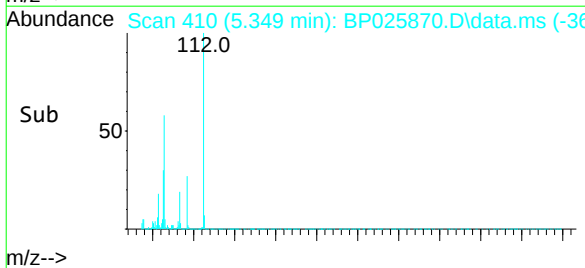
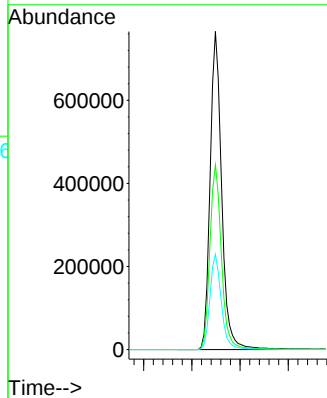
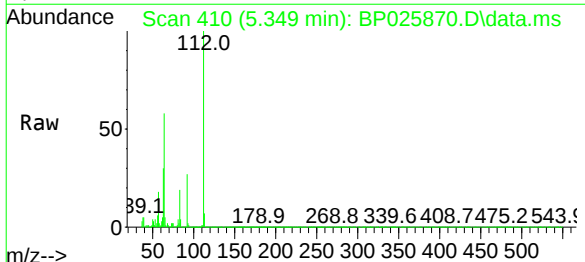


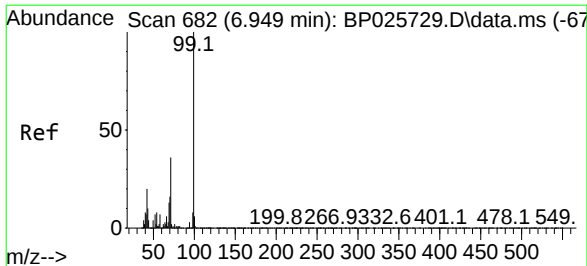
Tgt Ion:152 Resp: 165279
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 59.5 50.3 75.5



#5
2-Fluorophenol
Concen: 123.948 ng
RT: 5.349 min Scan# 410
Delta R.T. -0.035 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

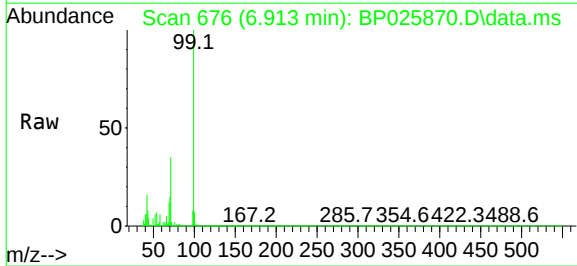
Tgt Ion:112 Resp: 1269629
Ion Ratio Lower Upper
112 100
64 58.1 50.2 75.4
63 30.0 26.7 40.1



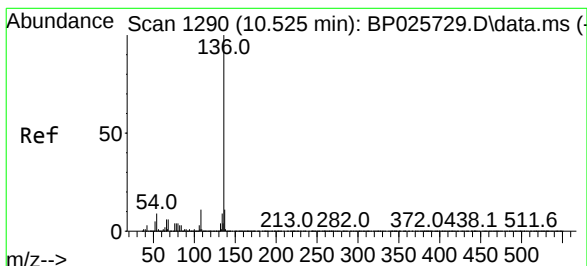
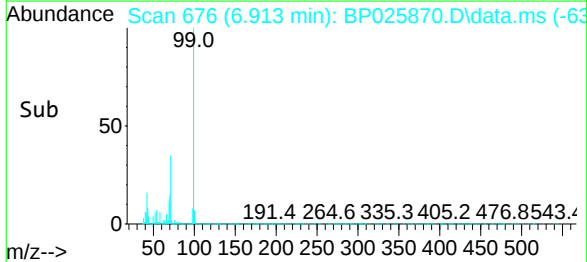
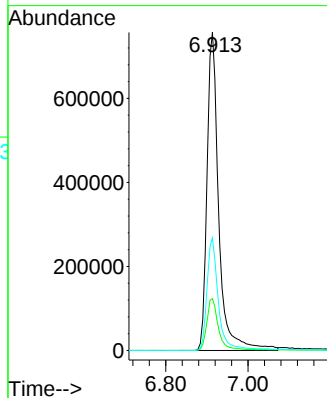


#7
Phenol-d6
Concen: 109.774 ng
RT: 6.913 min Scan# 67
Delta R.T. -0.035 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

Instrument :
BNA_P
ClientSampleId :

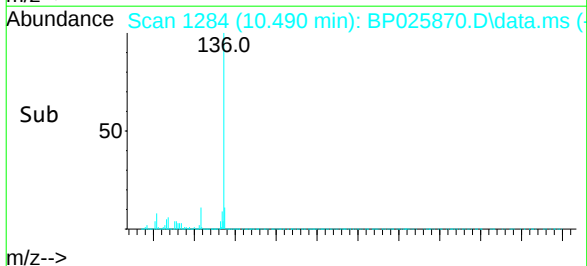
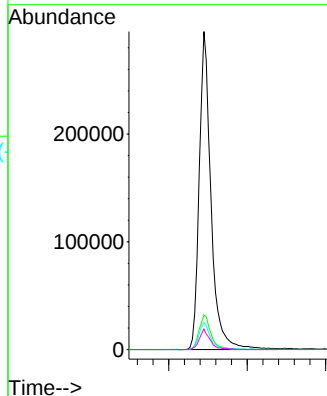
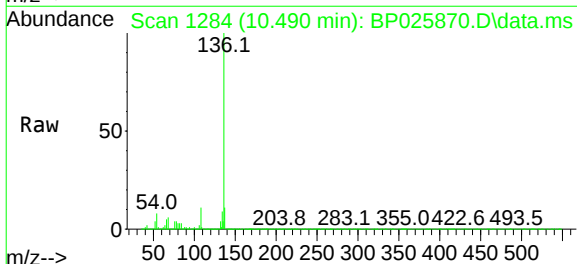


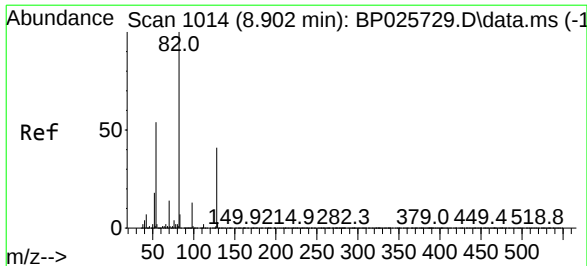
Tgt Ion: 99 Resp: 1494581
Ion Ratio Lower Upper
99 100
42 16.3 15.6 23.4
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.490 min Scan# 1284
Delta R.T. -0.035 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

Tgt Ion: 136 Resp: 615137
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.5 7.5 11.3
68 6.5 5.0 7.6

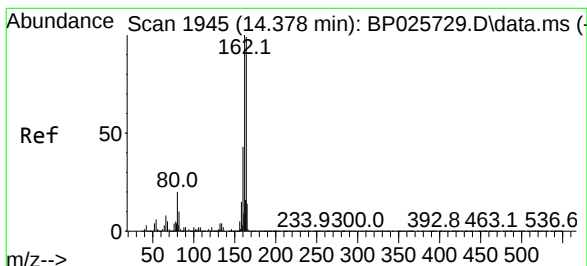
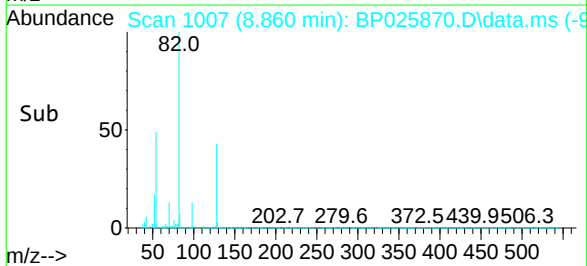
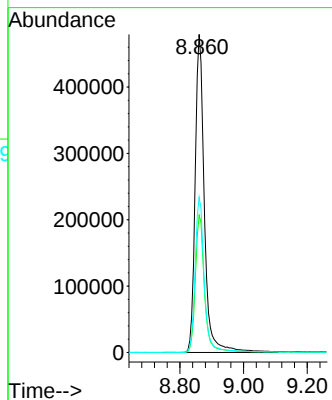
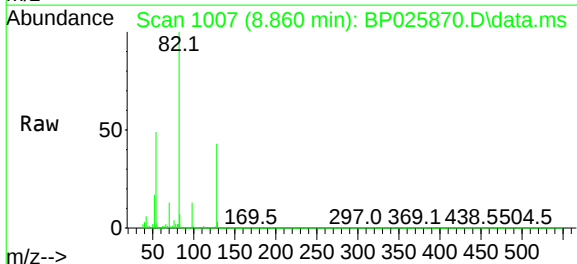




#23
Nitrobenzene-d5
Concen: 69.524 ng
RT: 8.860 min Scan# 1014
Delta R.T. -0.041 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

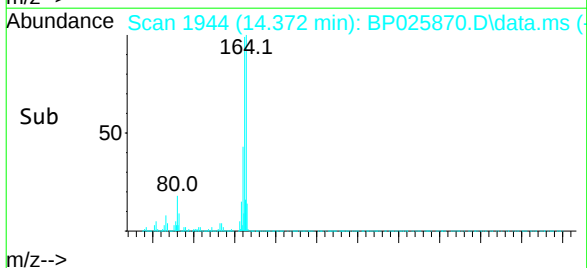
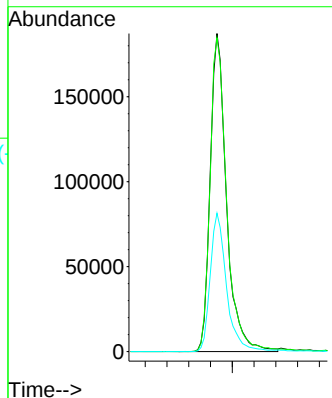
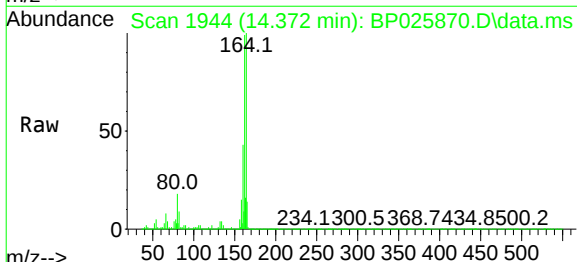
Instrument :
BNA_P
ClientSampleId :

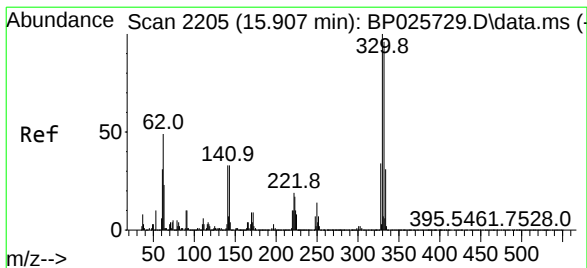
Tgt Ion: 82 Resp: 969527
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 48.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025870.D
Acq: 26 Sep 2025 15:04

Tgt Ion: 164 Resp: 389107
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 138.641 ng

RT: 15.907 min Scan# 2205

Delta R.T. -0.000 min

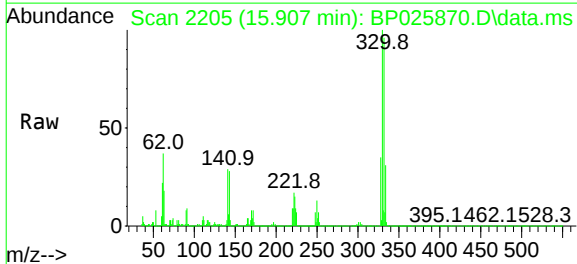
Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

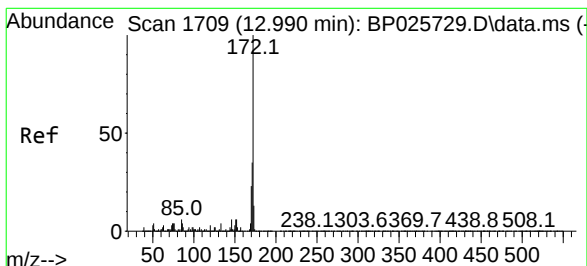
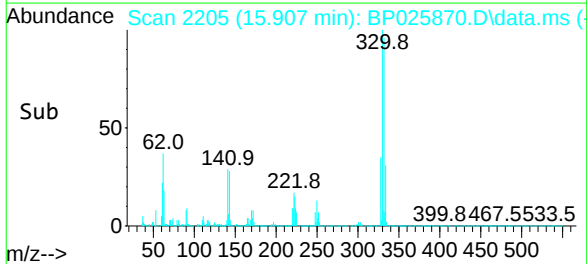
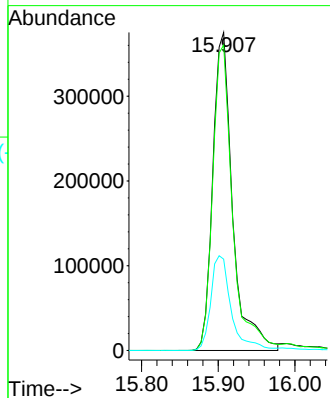
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	330	Resp:	672869
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	30.7	31.0	46.4



#45

2-Fluorobiphenyl

Concen: 77.351 ng

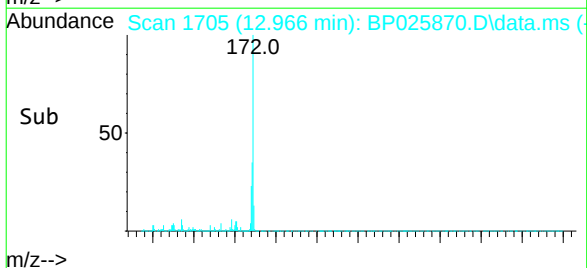
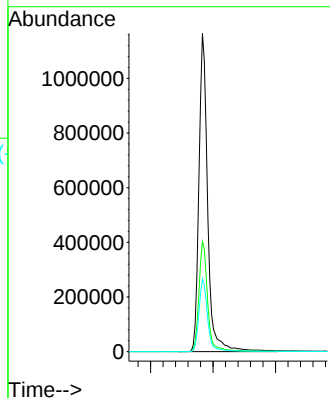
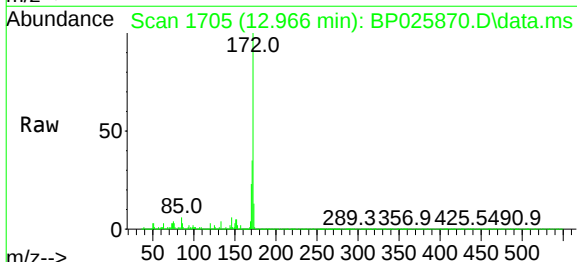
RT: 12.966 min Scan# 1705

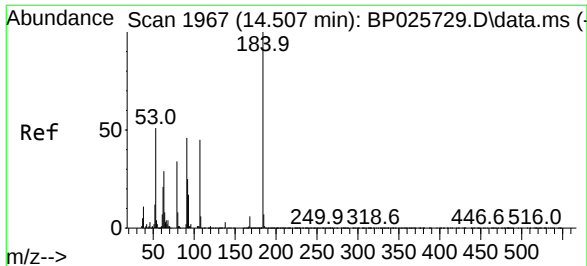
Delta R.T. -0.024 min

Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

Tgt Ion:	172	Resp:	2260436
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.8	41.6
170	22.8	18.6	27.8





#54

2,4-Dinitrophenol

Concen: 4.833 ng

RT: 14.495 min Scan# 19

Delta R.T. -0.012 min

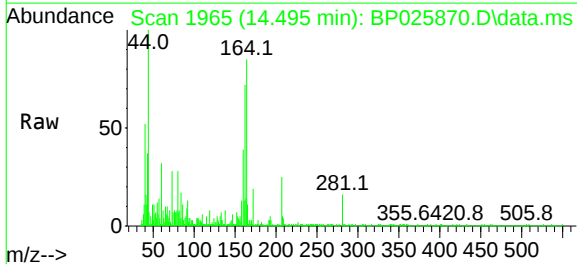
Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

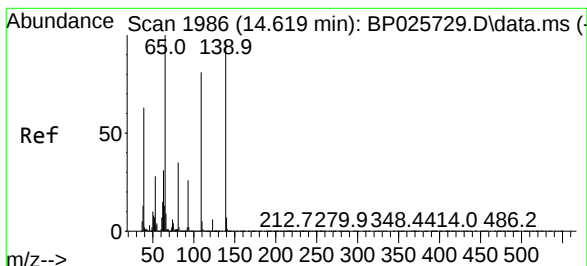
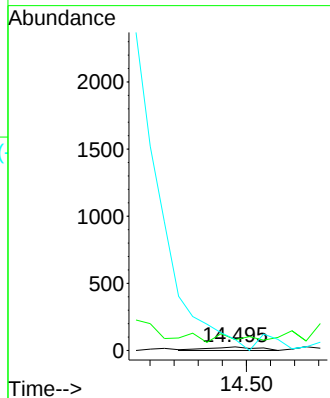
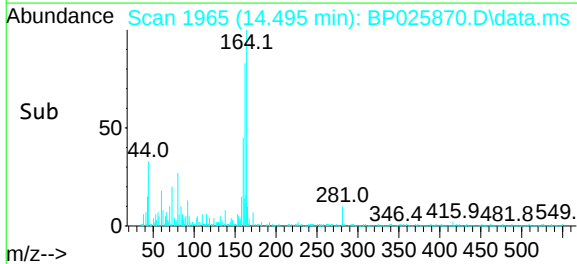
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	184	Resp:	37
Ion	Ratio	Lower	Upper
184	100		
63	300.0	52.5	78.7#
154	303.7	51.5	77.3#



#56

4-Nitrophenol

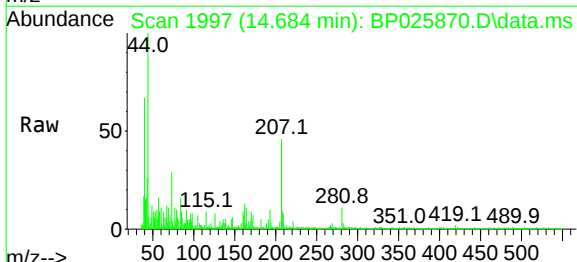
Concen: 4.498 ng

RT: 14.684 min Scan# 1997

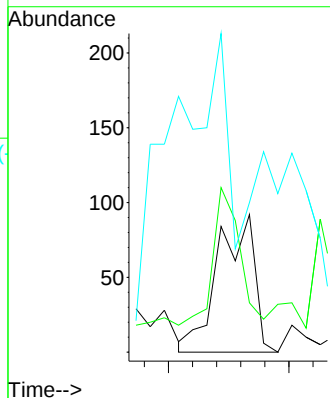
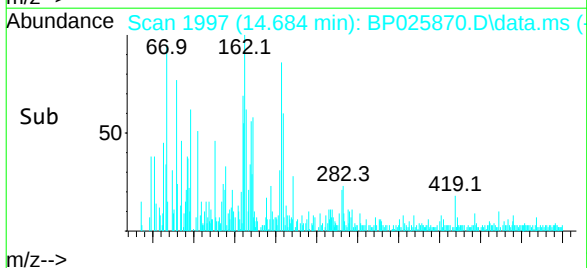
Delta R.T. 0.065 min

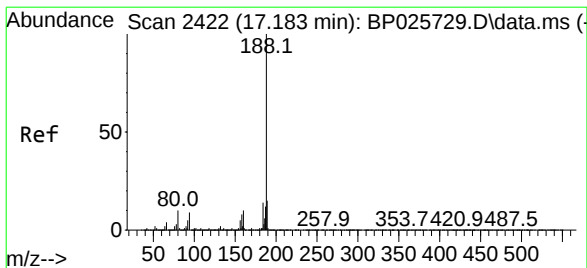
Lab File: BP025870.D

Acq: 26 Sep 2025 15:04



Tgt Ion:	139	Resp:	97
Ion	Ratio	Lower	Upper
139	100		
109	48.4	62.9	102.9#
65	105.3	83.4	123.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BP025870.D

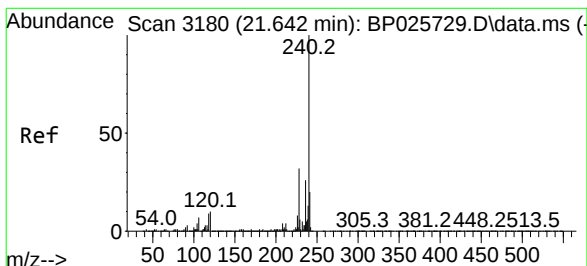
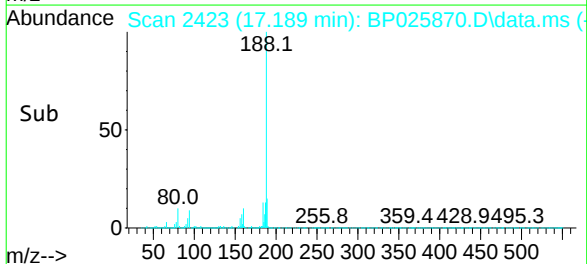
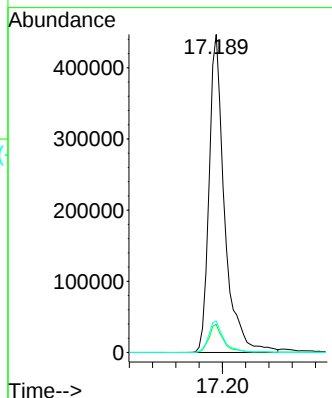
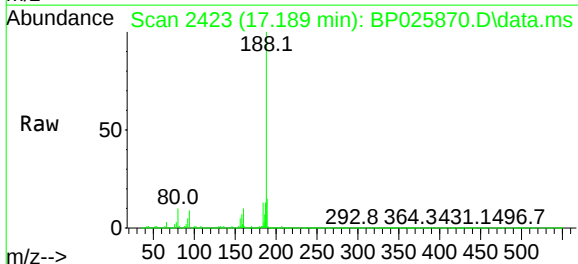
Acq: 26 Sep 2025 15:04

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	188	Resp:	822405
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.4	11.0
80	9.9	7.7	11.5



#76

Chrysene-d12

Concen: 20.000 ng

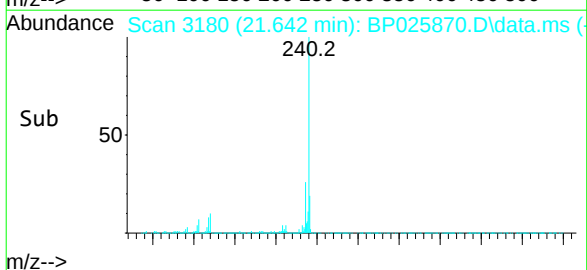
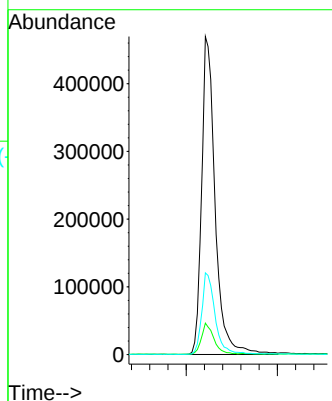
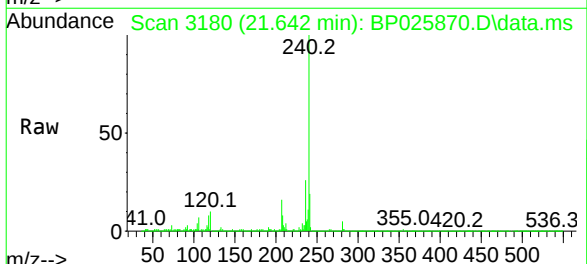
RT: 21.642 min Scan# 3180

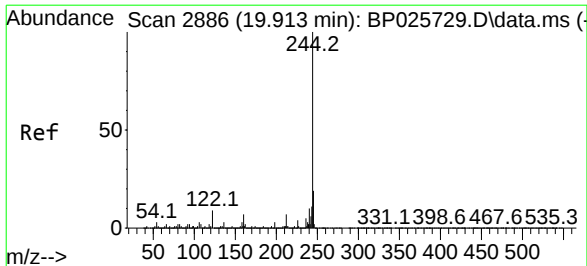
Delta R.T. -0.000 min

Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

Tgt Ion:	240	Resp:	965713
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.0	12.0
236	25.7	20.7	31.1





#79

Terphenyl-d14

Concen: 77.564 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.006 min

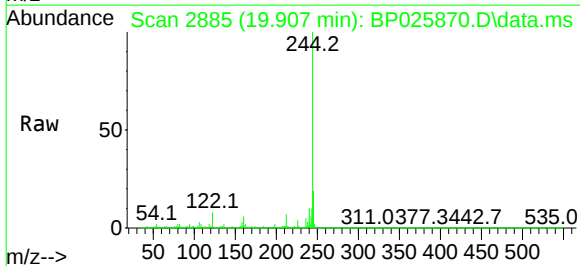
Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

Instrument :

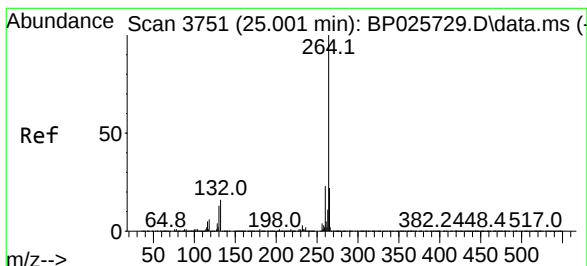
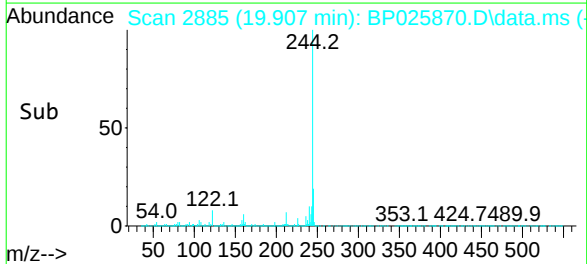
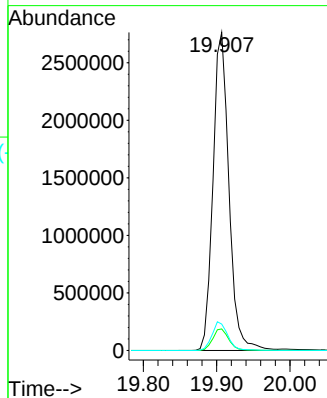
BNA_P

ClientSampleId :



Tgt Ion:244 Resp: 4163718

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	8.3	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.036 min Scan# 3757

Delta R.T. 0.035 min

Lab File: BP025870.D

Acq: 26 Sep 2025 15:04

Tgt Ion:264 Resp: 1081031

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.5	17.3	25.9

