

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025986.D
 Acq On : 21 Oct 2025 14:39
 Operator : RC/JU
 Sample : PB170147TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170147TB

Quant Time: Oct 21 14:59:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

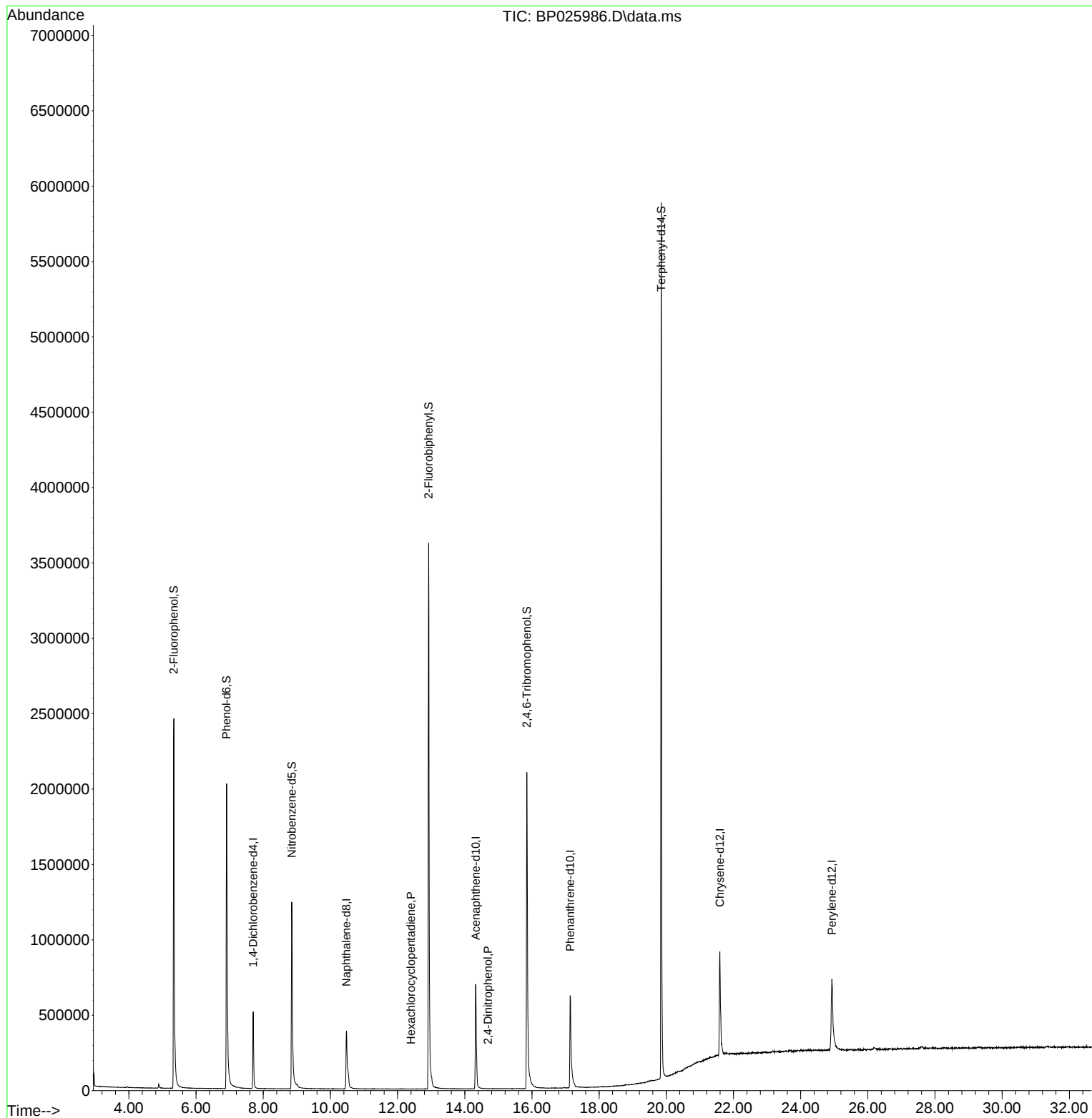
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	151660	20.000	ng	0.00
21) Naphthalene-d8	10.478	136	579323	20.000	ng	0.02
39) Acenaphthene-d10	14.325	164	373885	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	727553	20.000	ng	0.02
76) Chrysene-d12	21.595	240	664788	20.000	ng	0.01
86) Perylene-d12	24.930	264	699581	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1271782	137.487	ng	0.00
7) Phenol-d6	6.907	99	1562079	121.007	ng	0.00
23) Nitrobenzene-d5	8.849	82	1032901	80.140	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	598950	118.996	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2304700	79.008	ng	0.00
79) Terphenyl-d14	19.848	244	3243929	77.986	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.395	237	4	5.382	ng	88
54) 2,4-Dinitrophenol	14.689	184	14	5.442	ng	94

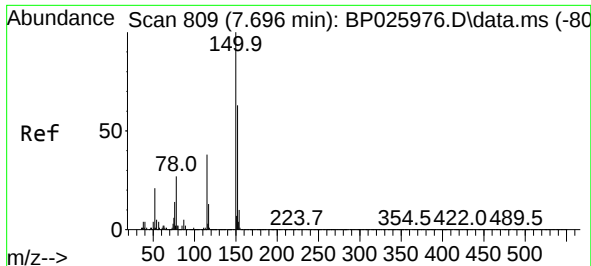
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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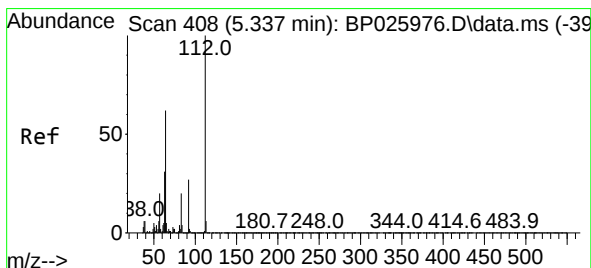
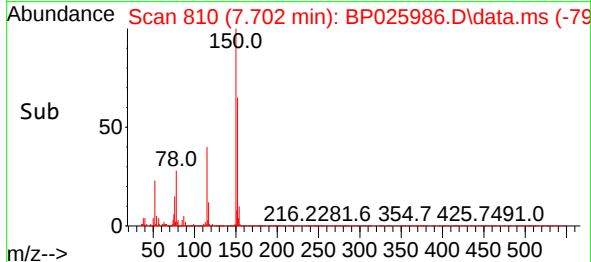
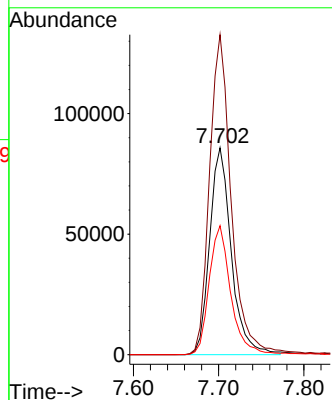
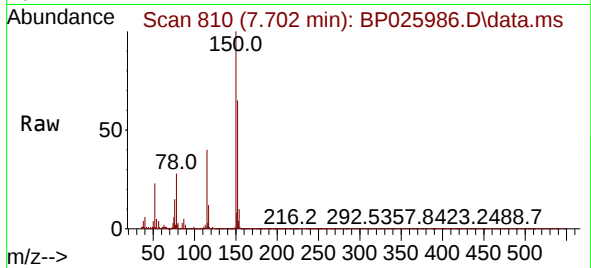




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.702 min Scan# 810
Delta R.T. 0.006 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

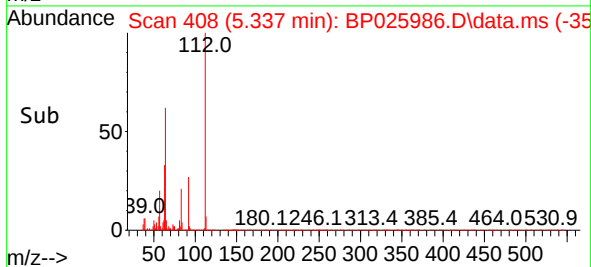
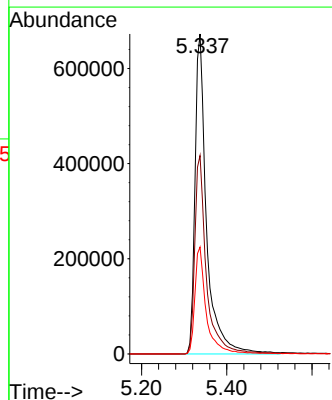
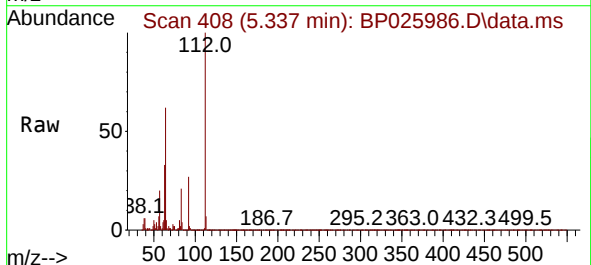
Instrument :
BNA_P
ClientSampleId :
PB170147TB

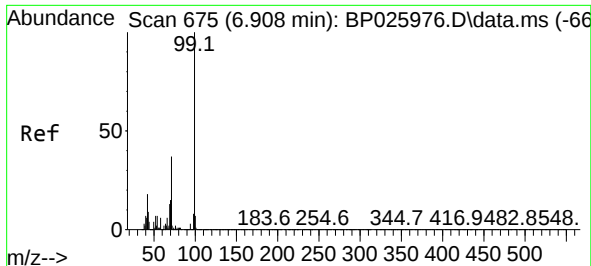
Tgt Ion:152 Resp: 151660
Ion Ratio Lower Upper
152 100
150 154.7 127.3 190.9
115 62.3 48.7 73.1



#5
2-Fluorophenol
Concen: 137.487 ng
RT: 5.337 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

Tgt Ion:112 Resp: 1271782
Ion Ratio Lower Upper
112 100
64 62.0 49.9 74.9
63 33.4 24.9 37.3

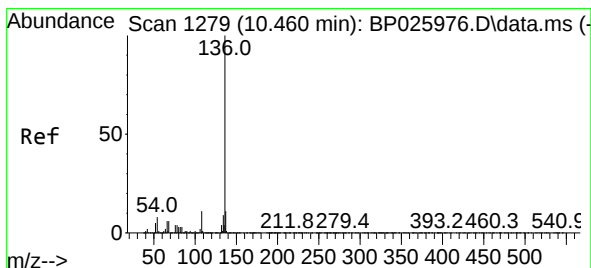
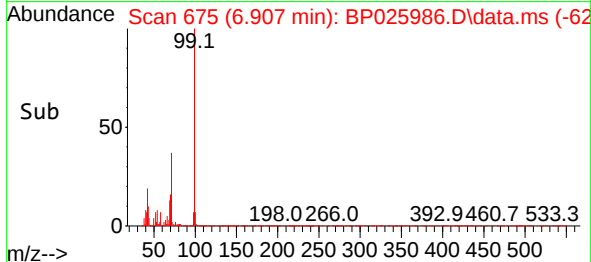
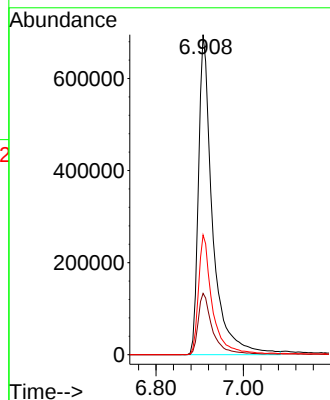
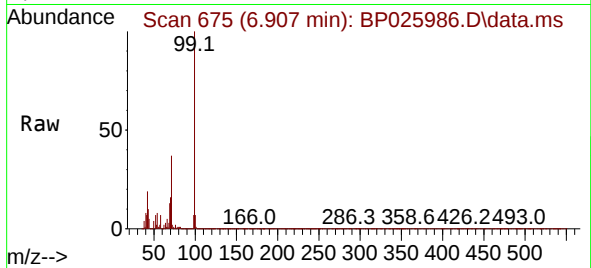




#7
Phenol-d6
Concen: 121.007 ng
RT: 6.907 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

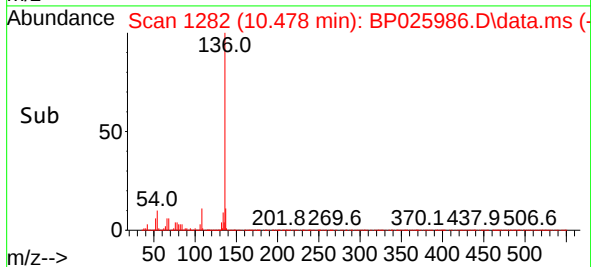
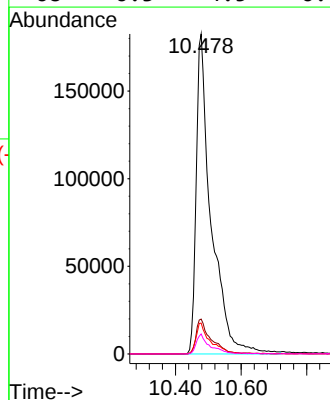
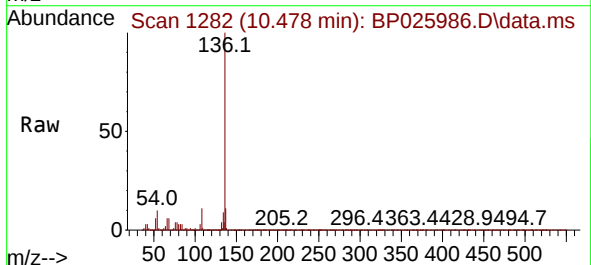
Instrument :
BNA_P
ClientSampleId :
PB170147TB

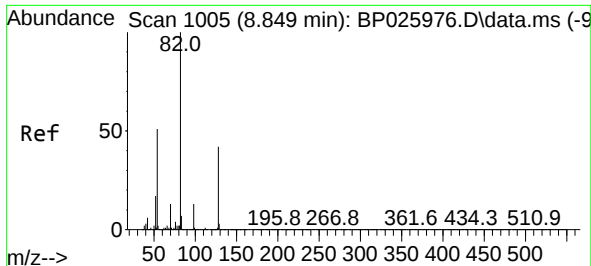
Tgt Ion: 99 Resp: 1562079
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 37.4 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.478 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

Tgt Ion:136 Resp: 579323
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 6.8 10.2
68 6.3 4.5 6.7

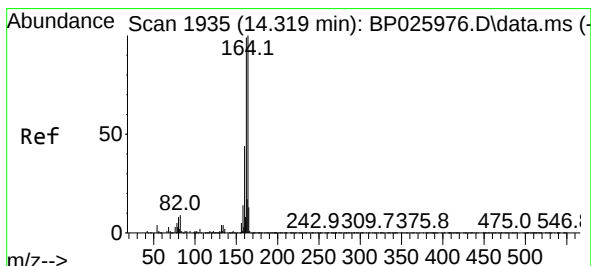
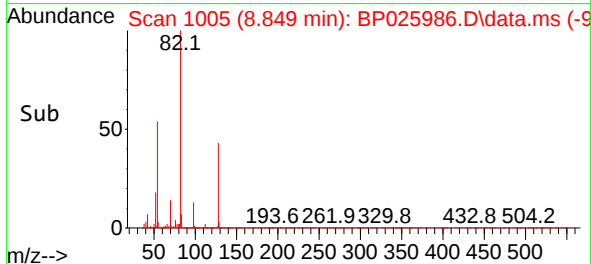
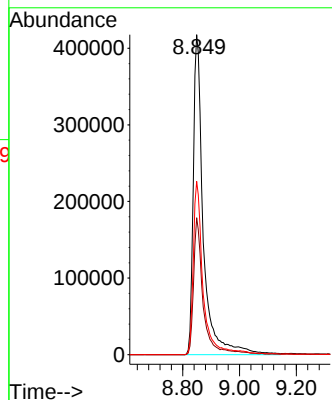
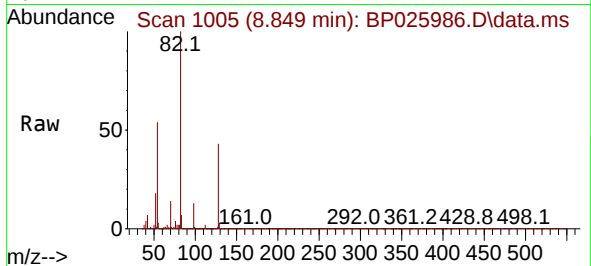




#23
 Nitrobenzene-d5
 Concen: 80.140 ng
 RT: 8.849 min Scan# 1005
 Delta R.T. -0.000 min
 Lab File: BP025986.D
 Acq: 21 Oct 2025 14:39

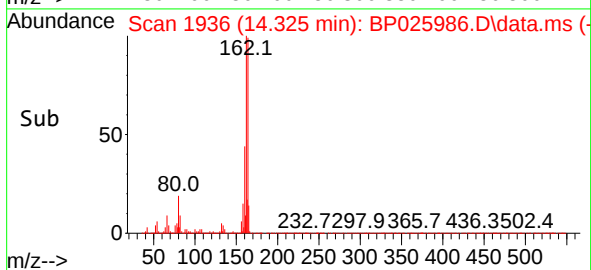
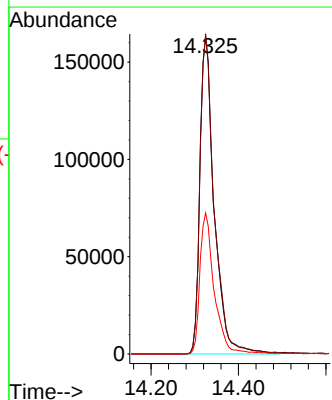
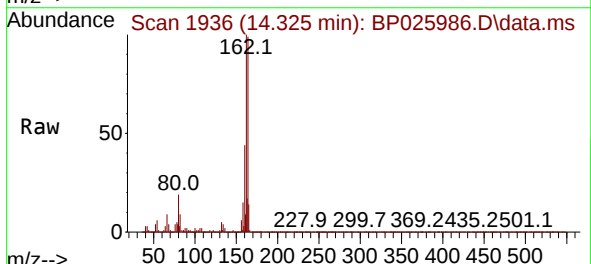
Instrument :
 BNA_P
 ClientSampleId :
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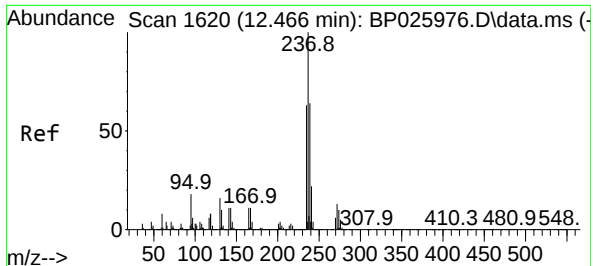
Tgt Ion: 82 Resp: 1032901
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.6 50.4
 54 54.2 40.6 61.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.325 min Scan# 1936
 Delta R.T. 0.006 min
 Lab File: BP025986.D
 Acq: 21 Oct 2025 14:39

Tgt Ion:164 Resp: 373885
 Ion Ratio Lower Upper
 164 100
 162 100.9 79.3 118.9
 160 44.5 35.4 53.0

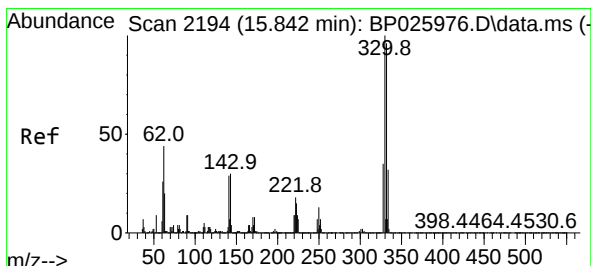
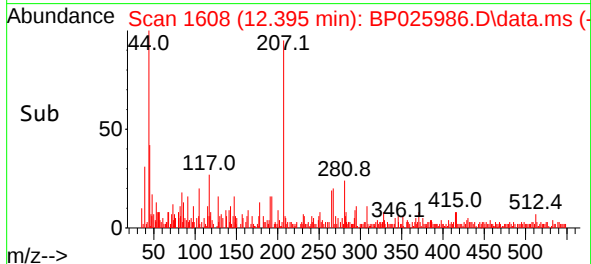
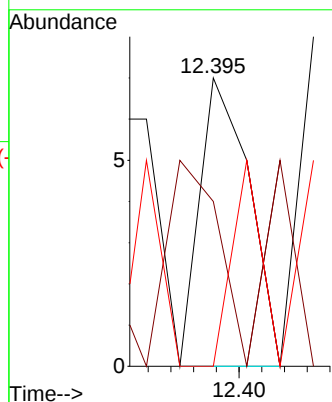
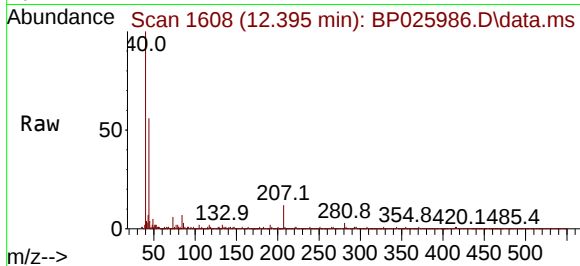




#41
Hexachlorocyclopentadiene
Concen: 5.382 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.071 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

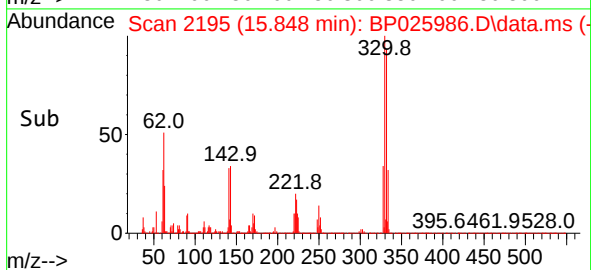
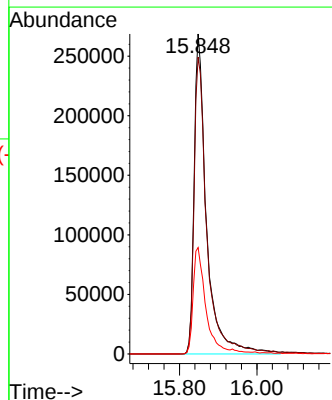
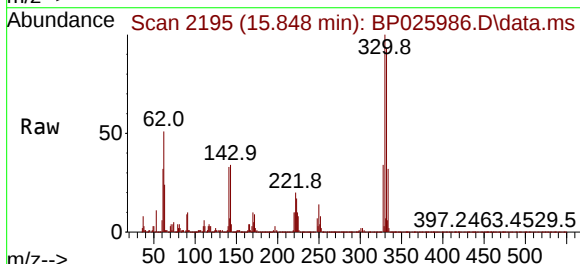
Instrument :
BNA_P
ClientSampleId :
PB170147TB

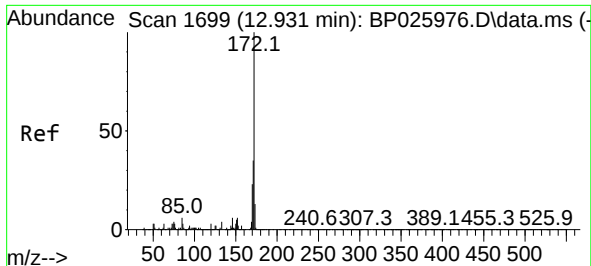
Tgt Ion:237	Resp:	4	
Ion	Ratio	Lower	Upper
237	100		
235	57.1	43.1	83.1
272	0.0	0.0	33.4



#42
2,4,6-Tribromophenol
Concen: 118.996 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

Tgt Ion:330	Resp:	598950	
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.8
141	34.6	25.6	38.4

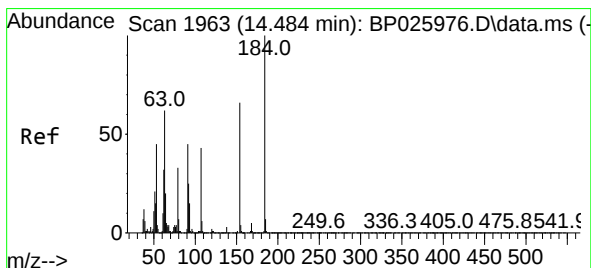
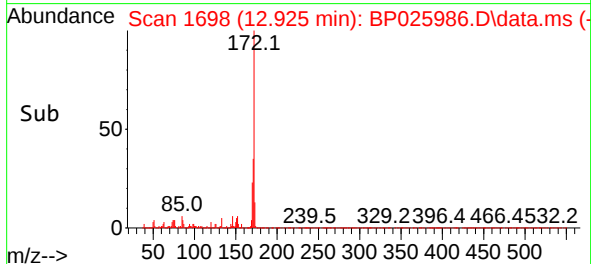
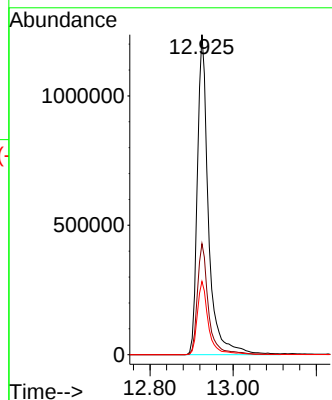
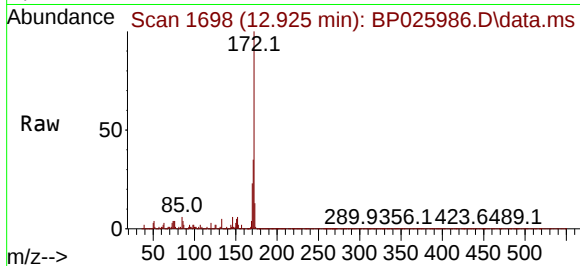




#45
2-Fluorobiphenyl
Concen: 79.008 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

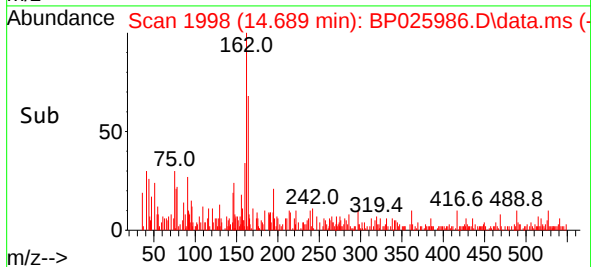
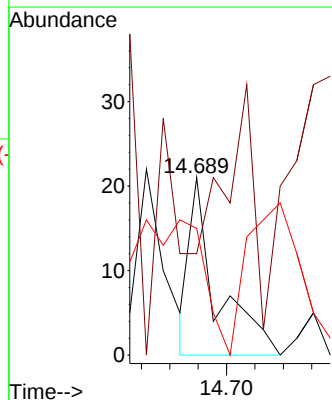
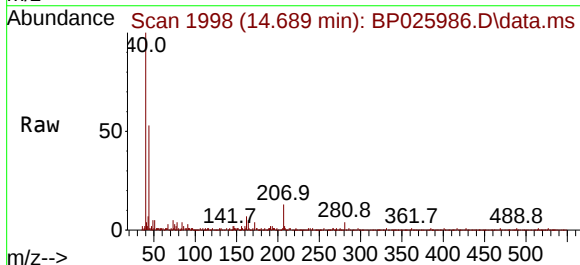
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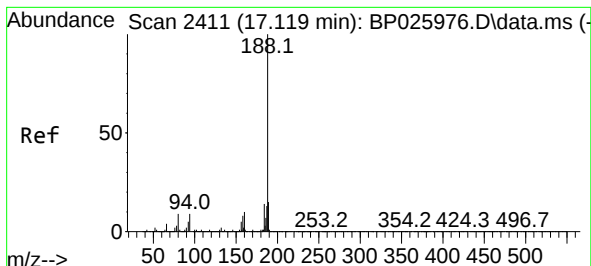
Tgt Ion:172 Resp: 2304700
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.9 18.5 27.7



#54
2,4-Dinitrophenol
Concen: 5.442 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.206 min
Lab File: BP025986.D
Acq: 21 Oct 2025 14:39

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 57.1 50.2 75.2
154 71.4 54.2 81.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.136 min Scan# 2411

Delta R.T. 0.018 min

Lab File: BP025986.D

Acq: 21 Oct 2025 14:39

Instrument :

BNA_P

ClientSampleId :

PB170147TB

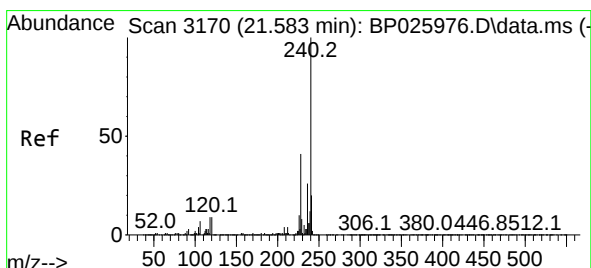
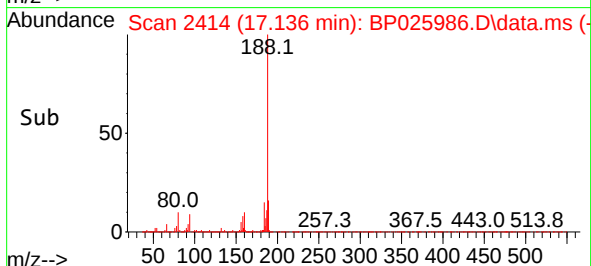
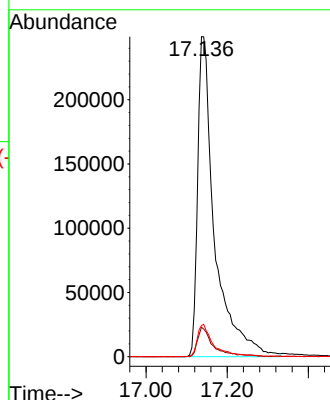
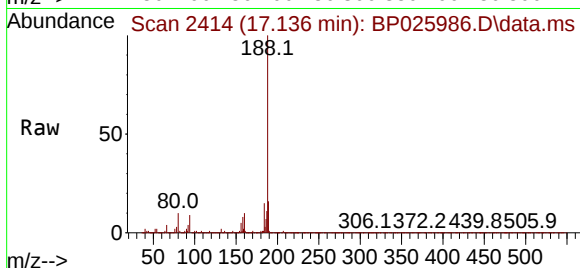
Tgt Ion:188 Resp: 727553

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3172

Delta R.T. 0.012 min

Lab File: BP025986.D

Acq: 21 Oct 2025 14:39

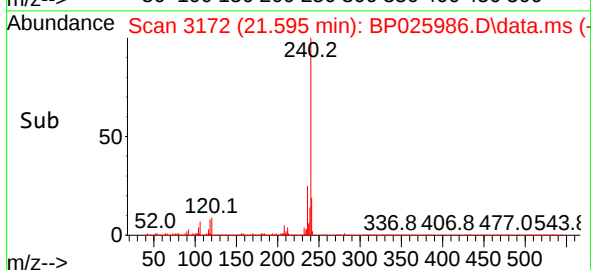
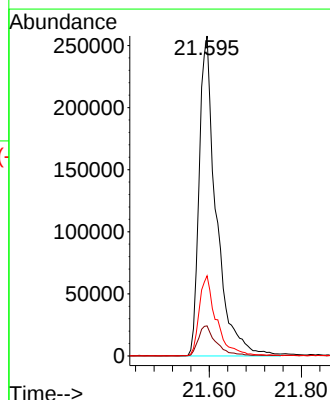
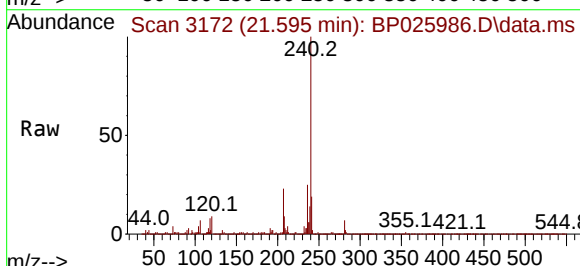
Tgt Ion:240 Resp: 664788

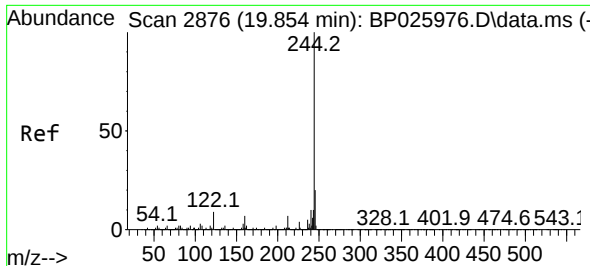
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.1 20.4 30.6

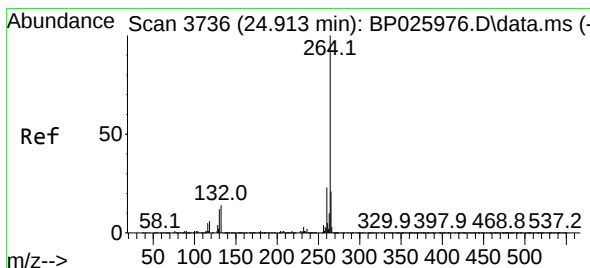
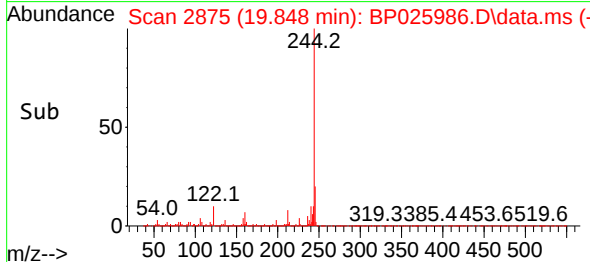
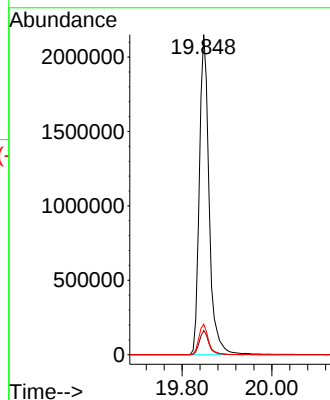
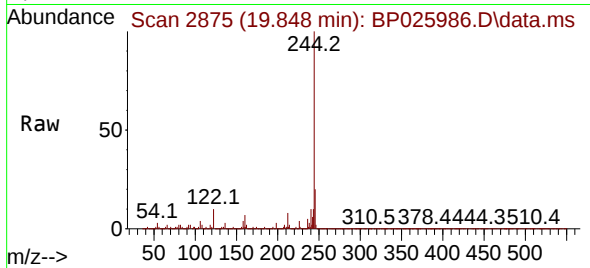




#79
 Terphenyl-d14
 Concen: 77.986 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025986.D
 Acq: 21 Oct 2025 14:39

Instrument :
 BNA_P
 ClientSampleId :
 PB170147TB

Tgt Ion:244 Resp: 3243929
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.930 min Scan# 3739
 Delta R.T. 0.018 min
 Lab File: BP025986.D
 Acq: 21 Oct 2025 14:39

Tgt Ion:264 Resp: 699581
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.6 17.7 26.5

