

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
 Data File : BP025981.D
 Acq On : 15 Oct 2025 22:41
 Operator : RC/JU
 Sample : PB170067BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 15 23:58:56 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)

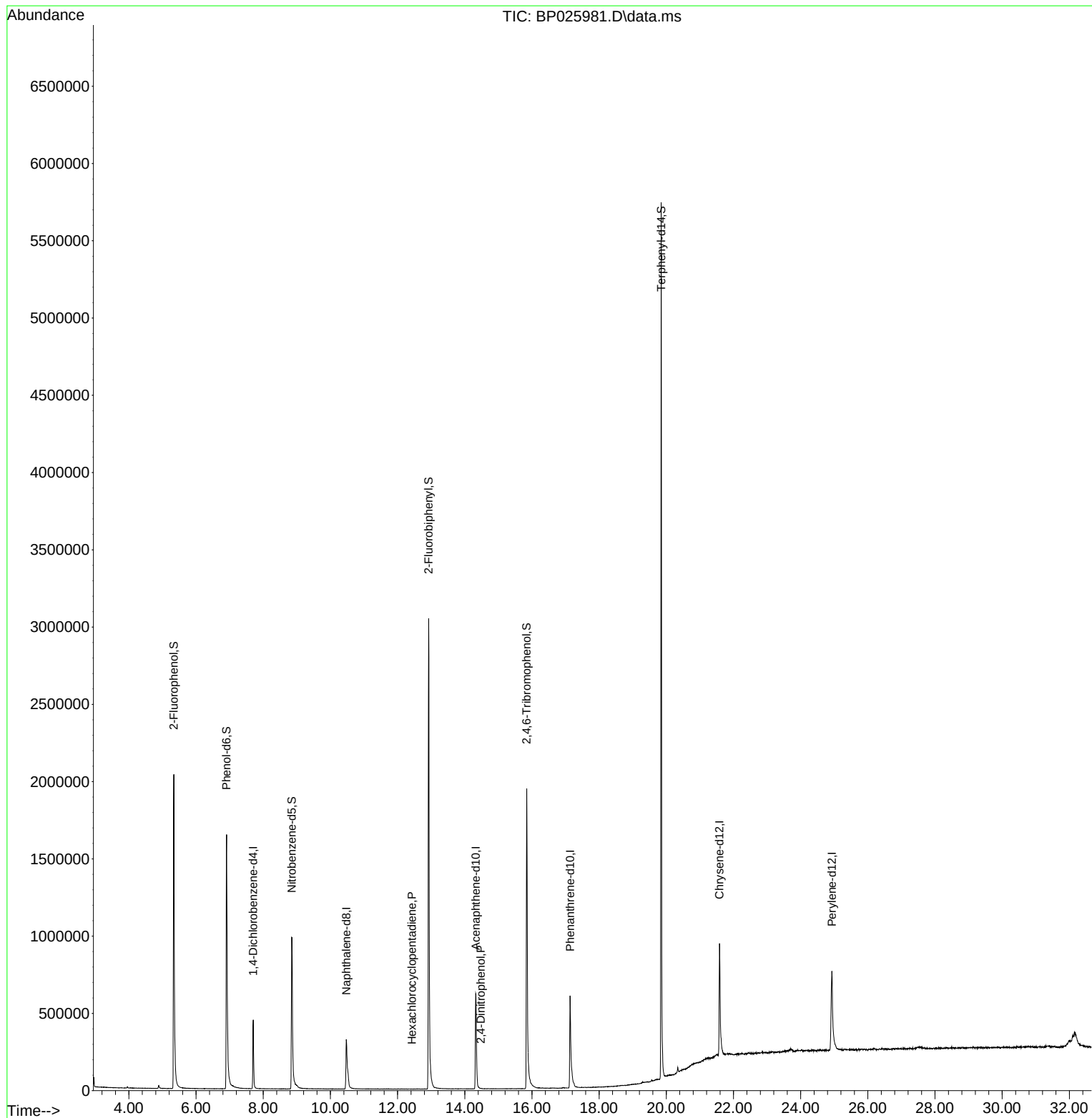
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	131708	20.000	ng	0.00
21) Naphthalene-d8	10.472	136	503758	20.000	ng	0.01
39) Acenaphthene-d10	14.331	164	337720	20.000	ng	0.01
64) Phenanthrene-d10	17.137	188	653499	20.000	ng	0.02
76) Chrysene-d12	21.583	240	640182	20.000	ng	0.00
86) Perylene-d12	24.930	264	713541	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1098236	136.711	ng	0.00
7) Phenol-d6	6.908	99	1369446	122.155	ng	0.00
23) Nitrobenzene-d5	8.849	82	819725	73.140	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	556135	122.322	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2021444	76.719	ng	0.00
79) Terphenyl-d14	19.848	244	2981044	74.420	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.425	237	18	5.384	ng	90
54) 2,4-Dinitrophenol	14.472	184	13	5.442	ng	# 1

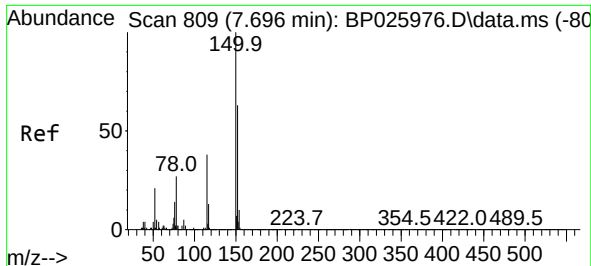
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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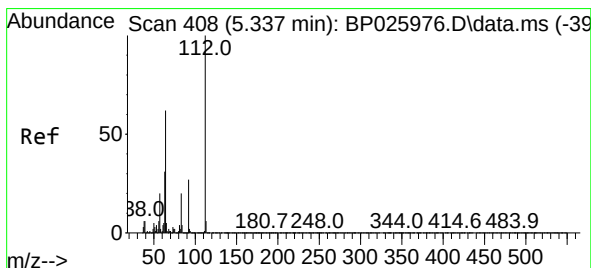
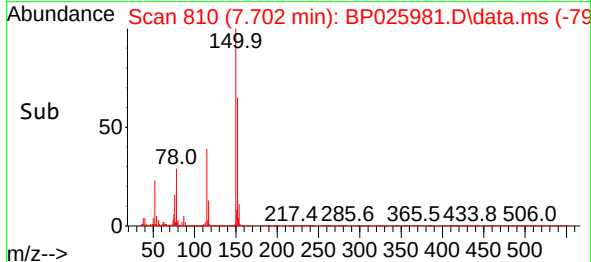
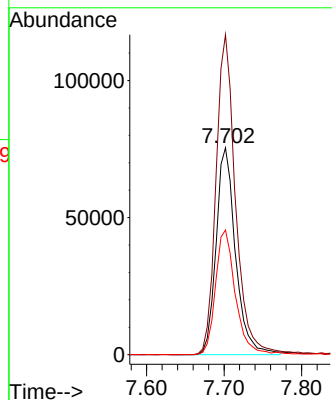
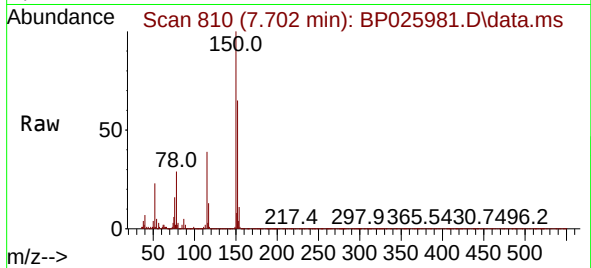




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.702 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

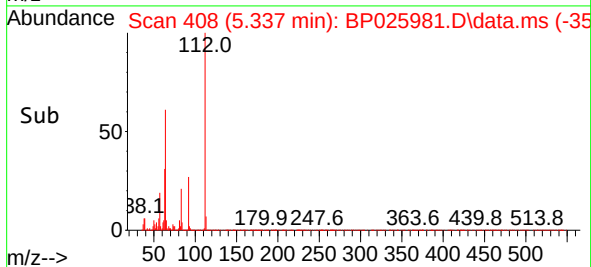
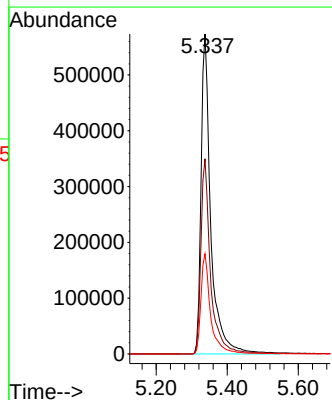
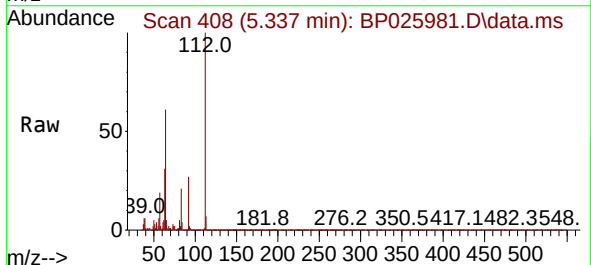
Instrument :
BNA_P
ClientSampleId :

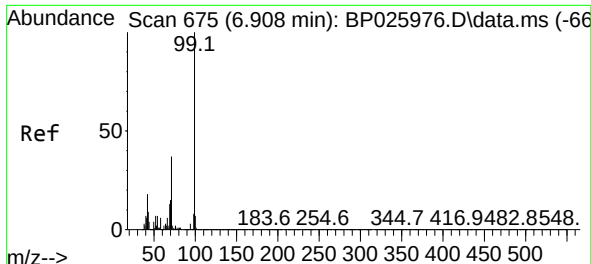
Tgt Ion:152 Resp: 131708
Ion Ratio Lower Upper
152 100
150 154.7 127.3 190.9
115 60.3 48.7 73.1



#5
2-Fluorophenol
Concen: 136.711 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

Tgt Ion:112 Resp: 1098236
Ion Ratio Lower Upper
112 100
64 61.0 49.9 74.9
63 31.3 24.9 37.3

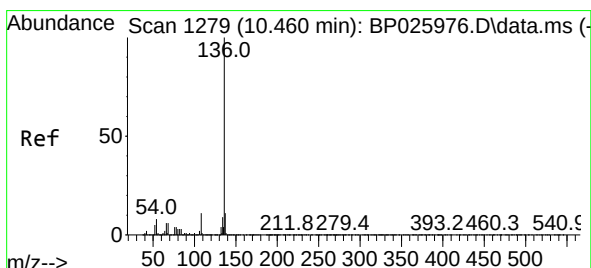
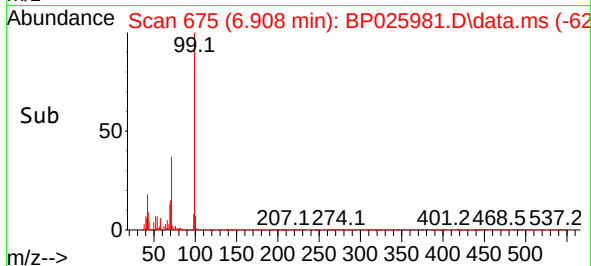
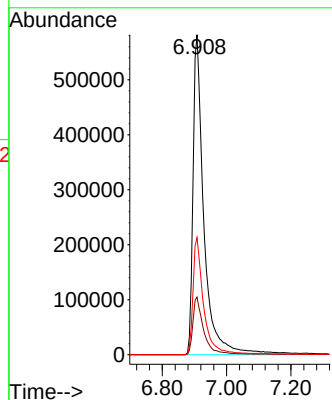
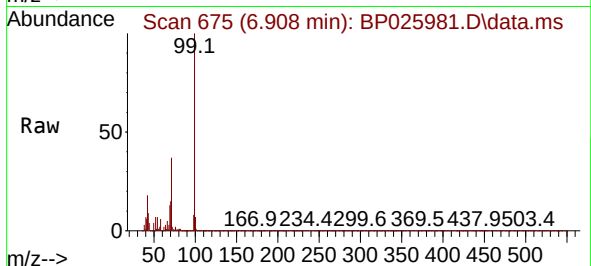




#7
Phenol-d6
Concen: 122.155 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

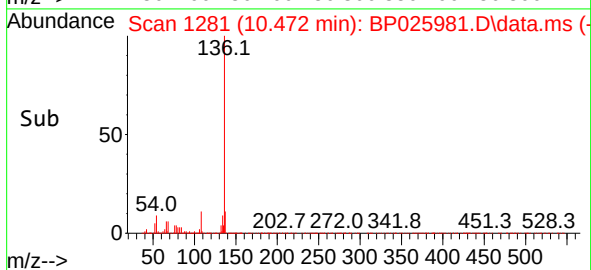
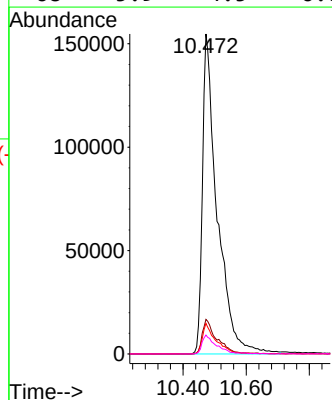
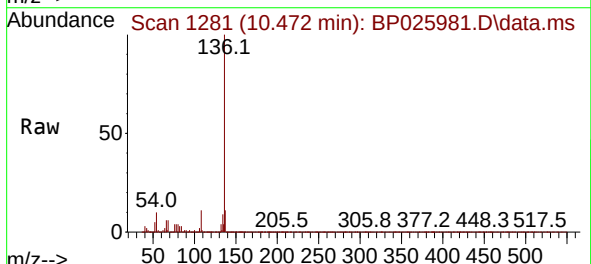
Instrument :
BNA_P
ClientSampleId :

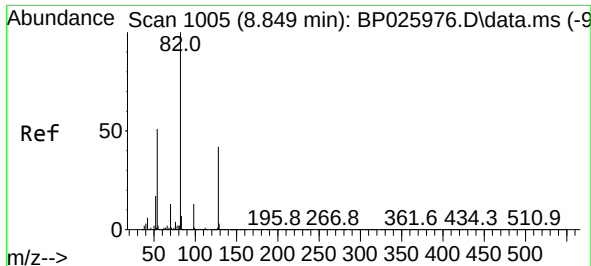
Tgt Ion: 99 Resp: 1369446
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 36.6 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.472 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

Tgt Ion: 136 Resp: 503758
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.5 6.8 10.2
68 5.9 4.5 6.7

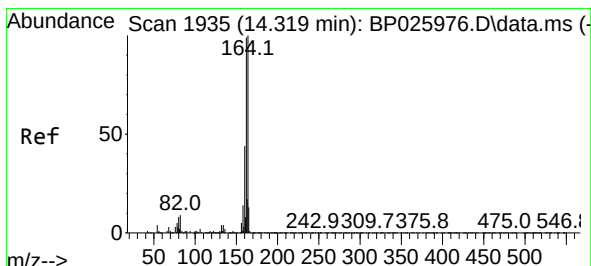
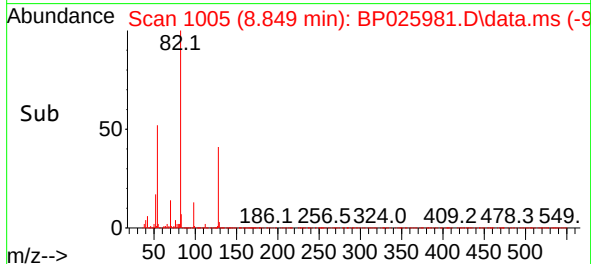
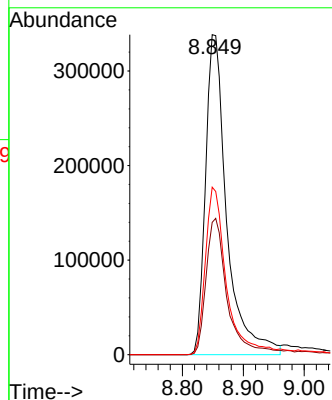
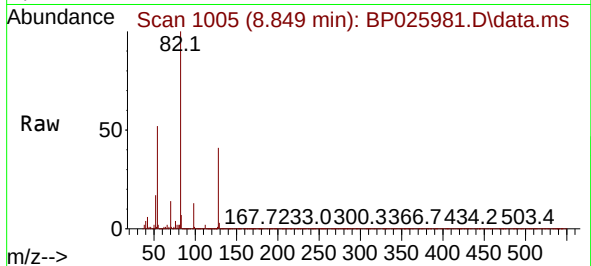




#23
Nitrobenzene-d5
Concen: 73.140 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

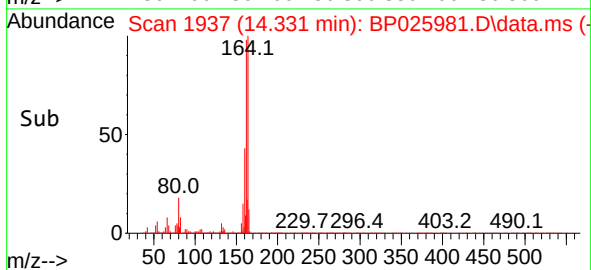
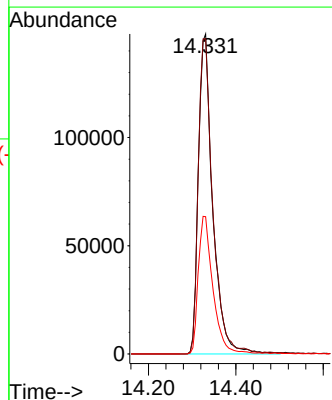
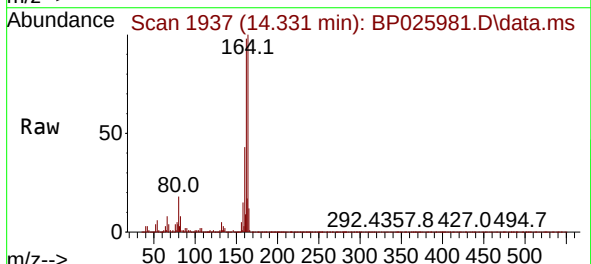
Instrument :
BNA_P
ClientSampleId :

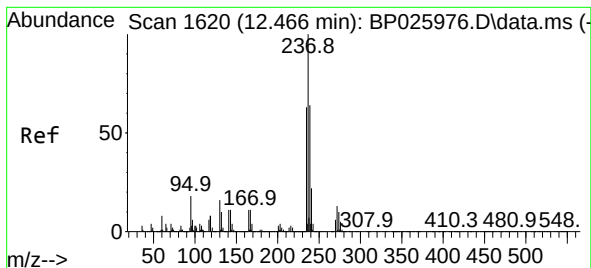
Tgt Ion: 82 Resp: 819725
Ion Ratio Lower Upper
82 100
128 41.3 33.6 50.4
54 52.3 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

Tgt Ion: 164 Resp: 337720
Ion Ratio Lower Upper
164 100
162 98.5 79.3 118.9
160 42.9 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 5.384 ng

RT: 12.425 min Scan# 1

Delta R.T. -0.041 min

Lab File: BP025981.D

Acq: 15 Oct 2025 22:41

Instrument :

BNA_P

ClientSampleId :

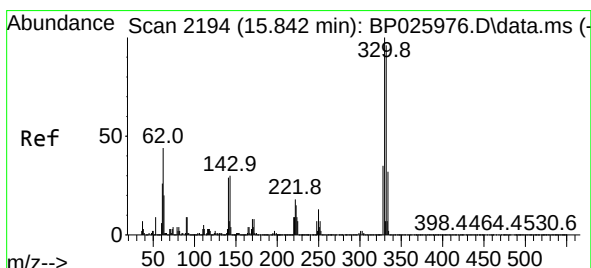
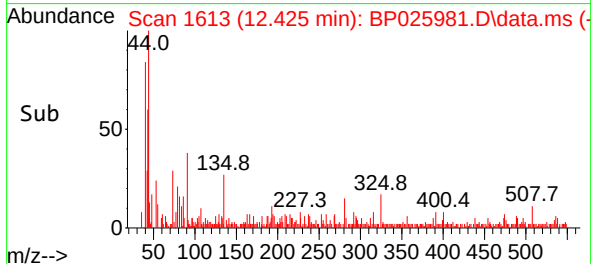
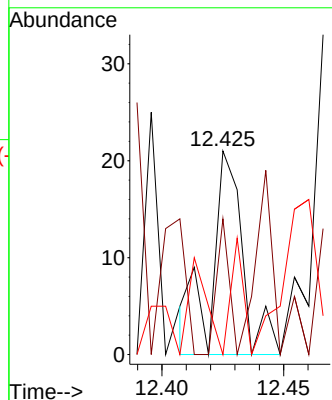
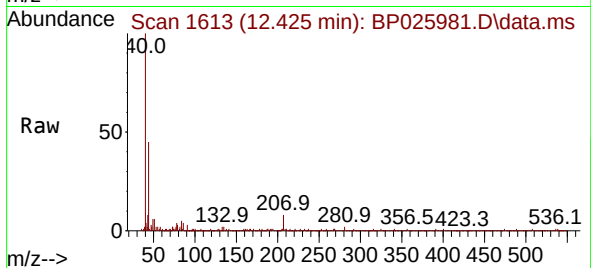
Tgt Ion:237 Resp: 18

Ion Ratio Lower Upper

237 100

235 66.7 43.1 83.1

272 0.0 0.0 33.4



#42

2,4,6-Tribromophenol

Concen: 122.322 ng

RT: 15.842 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BP025981.D

Acq: 15 Oct 2025 22:41

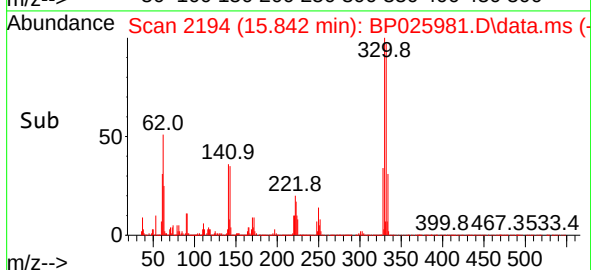
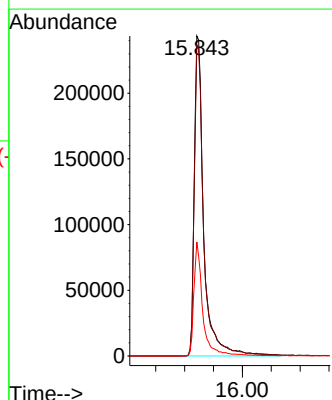
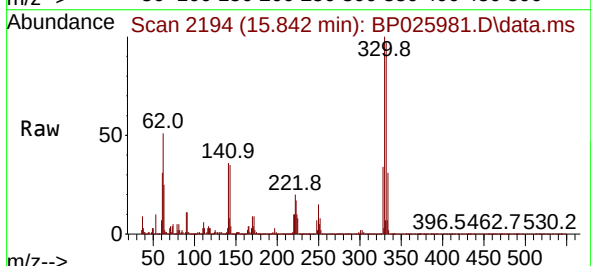
Tgt Ion:330 Resp: 556135

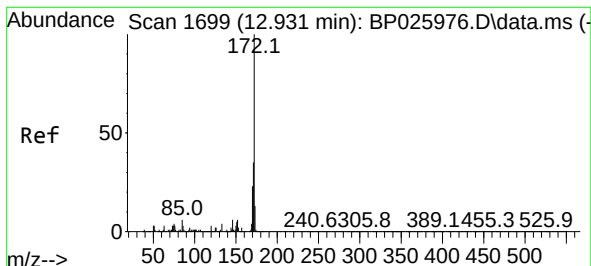
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 33.1 25.6 38.4

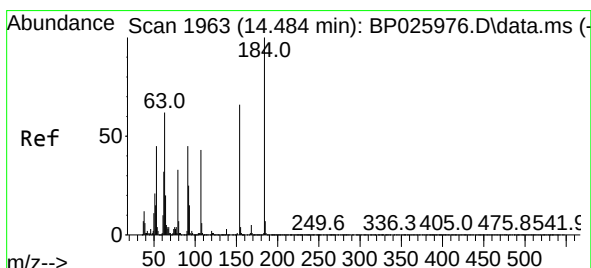
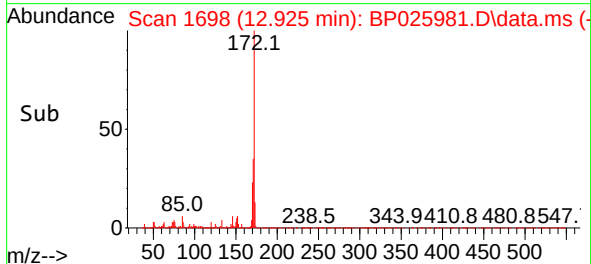
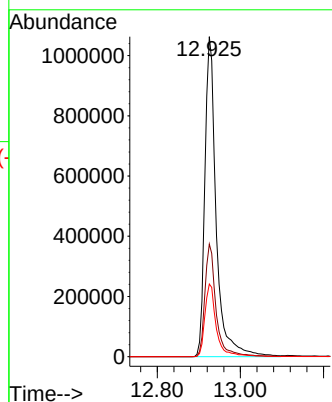
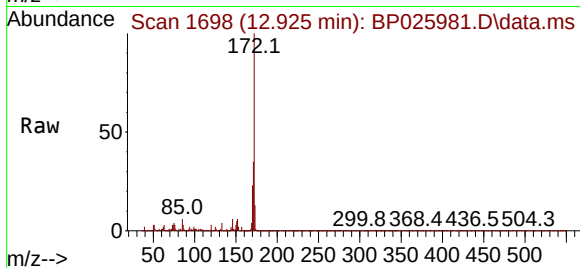




#45
2-Fluorobiphenyl
Concen: 76.719 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

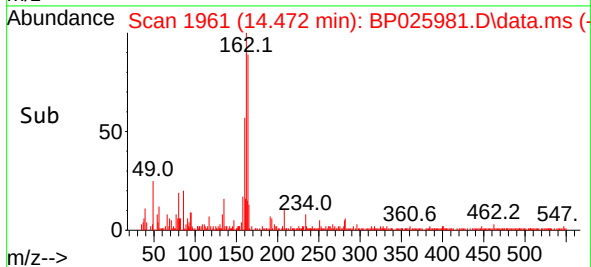
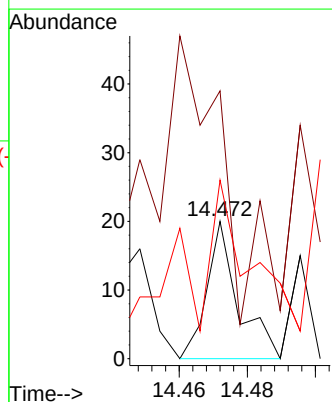
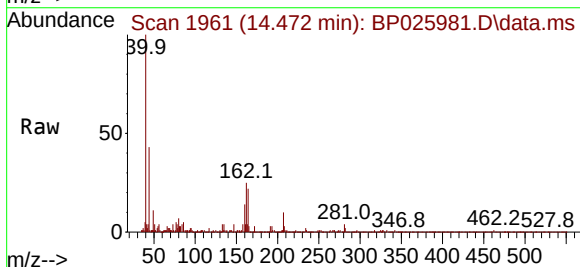
Instrument :
BNA_P
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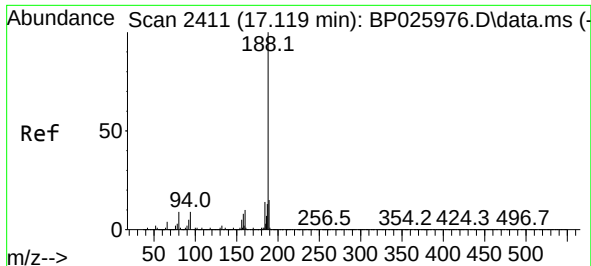
Tgt Ion:172 Resp: 2021444
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 22.7 18.5 27.7



#54
2,4-Dinitrophenol
Concen: 5.442 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 195.0 50.2 75.2#
154 175.0 54.2 81.4#

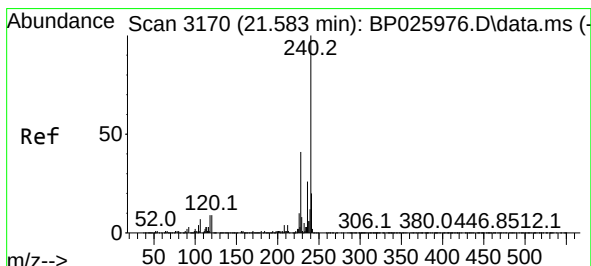
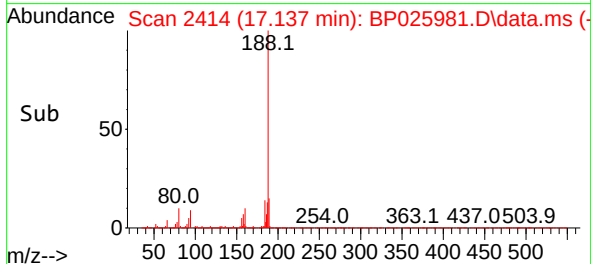
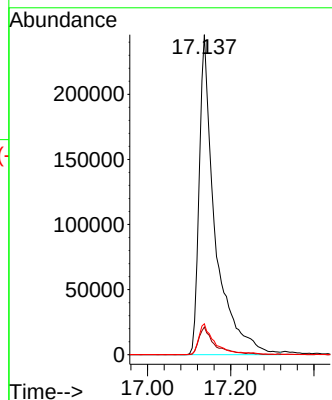
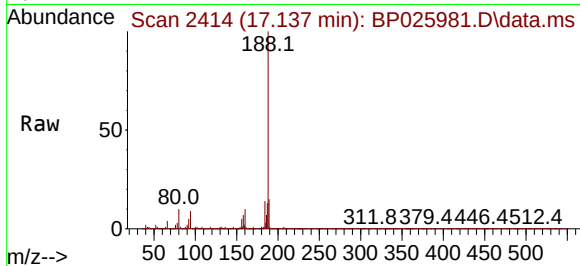




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

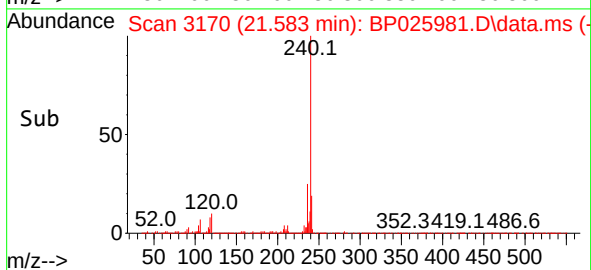
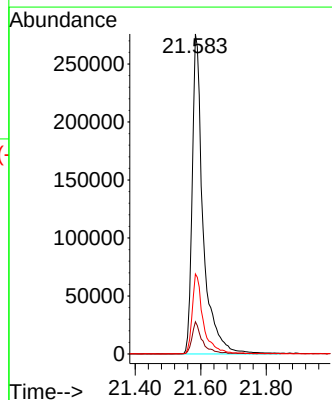
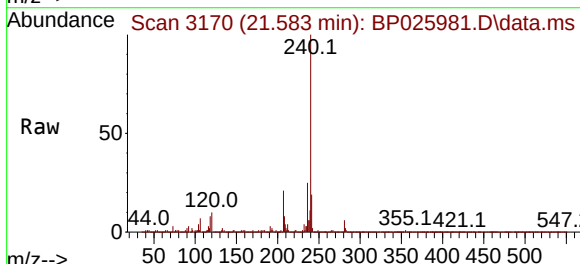
Instrument :
BNA_P
ClientSampleId :

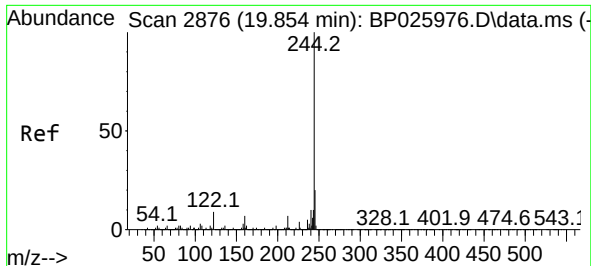
Tgt Ion:188 Resp: 653499
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025981.D
Acq: 15 Oct 2025 22:41

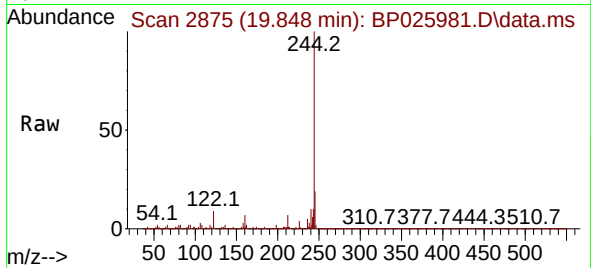
Tgt Ion:240 Resp: 640182
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.0 20.4 30.6



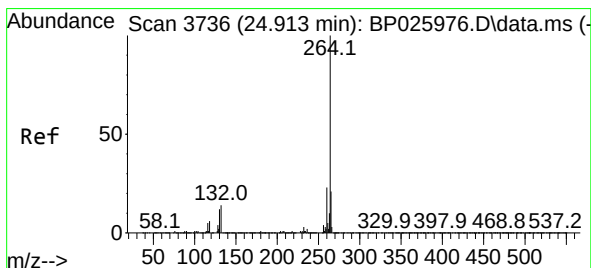
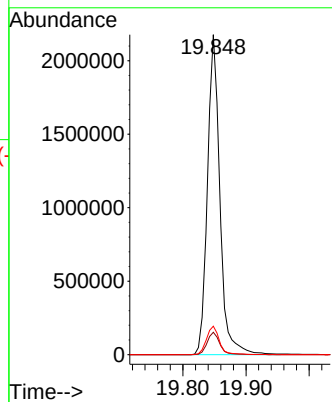
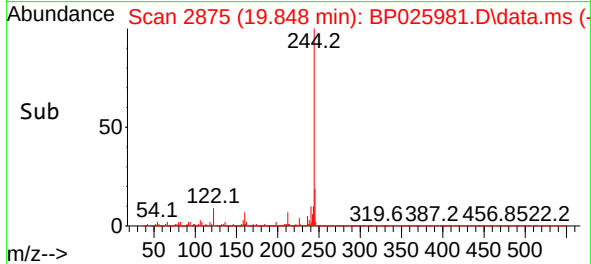


#79
 Terphenyl-d14
 Concen: 74.420 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025981.D
 Acq: 15 Oct 2025 22:41

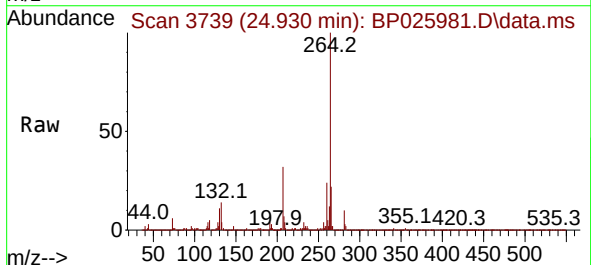
Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:244 Resp: 2981044
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.9 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: BP025981.D
 Acq: 15 Oct 2025 22:41



Tgt Ion:264 Resp: 713541
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.6 17.7 26.5

