

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026004.D
 Acq On : 22 Oct 2025 18:36
 Operator : RC/JU
 Sample : PB170172TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170172TB

Quant Time: Oct 22 18:56:32 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)

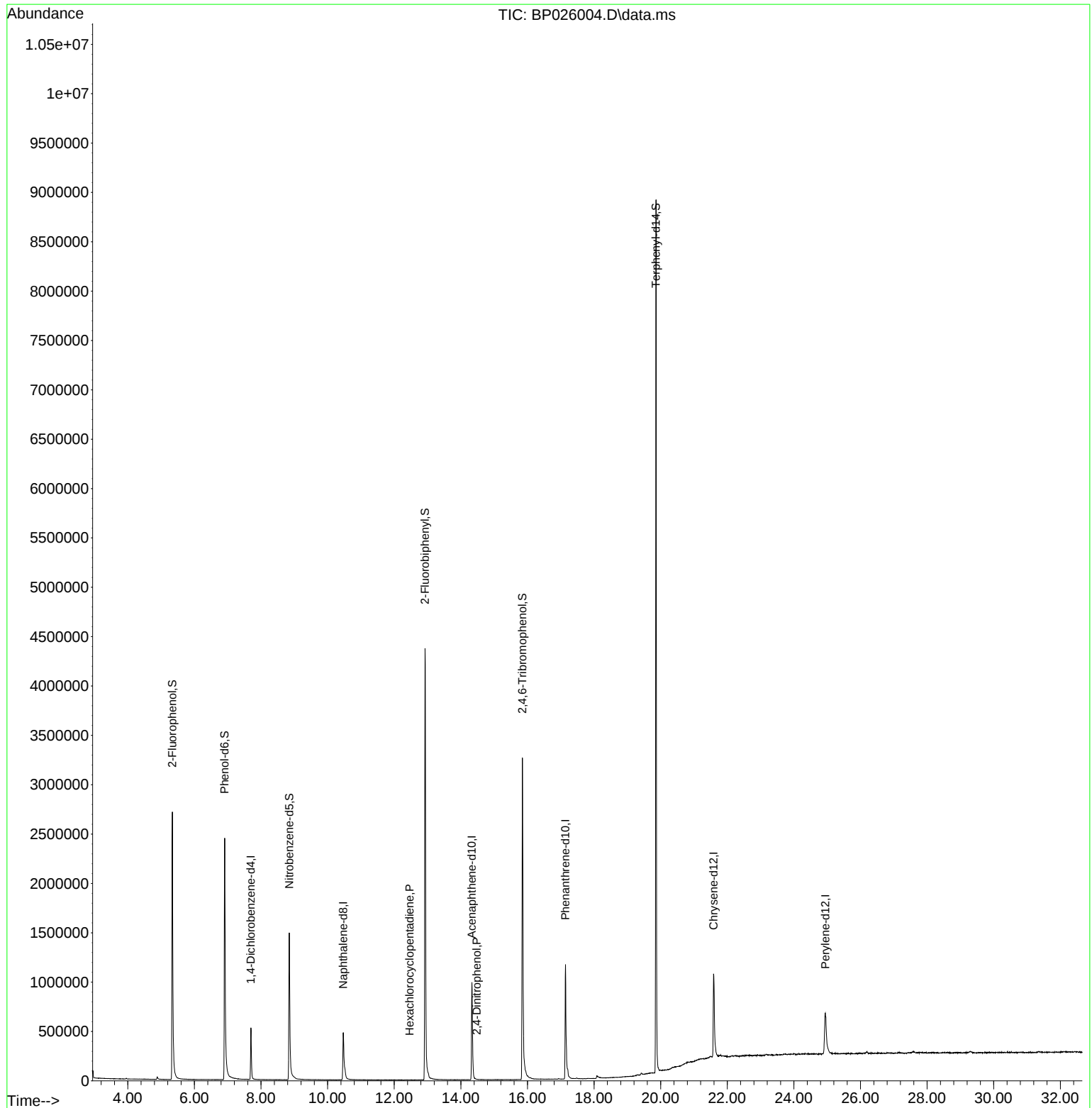
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	158418	20.000	ng	0.00
21) Naphthalene-d8	10.466	136	655423	20.000	ng	0.00
39) Acenaphthene-d10	14.331	164	478330	20.000	ng	0.01
64) Phenanthrene-d10	17.142	188	1022176	20.000	ng	0.02
76) Chrysene-d12	21.589	240	810364	20.000	ng	0.00
86) Perylene-d12	24.942	264	659354	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1413423	146.281	ng	0.00
7) Phenol-d6	6.908	99	1837501	136.271	ng	0.00
23) Nitrobenzene-d5	8.849	82	1171809	80.361	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	831760	129.167	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2877049	77.093	ng	0.00
79) Terphenyl-d14	19.860	244	4514853	89.041	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.460	237	20	5.383	ng	95
54) 2,4-Dinitrophenol	14.472	184	23	5.443	ng	# 22

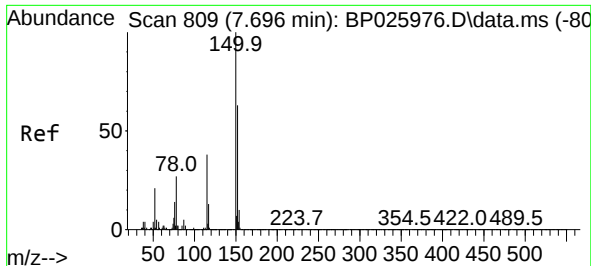
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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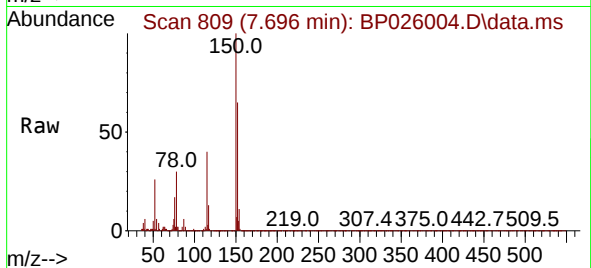
Quant Time: Oct 22 18:56:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
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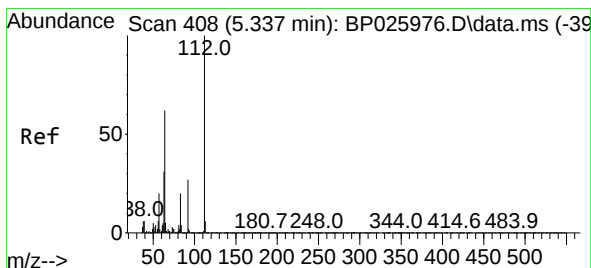
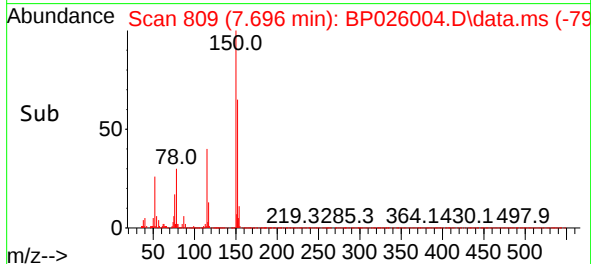
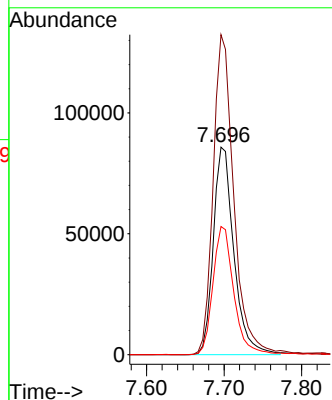


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Instrument :
BNA_P
ClientSampleId :
PB170172TB

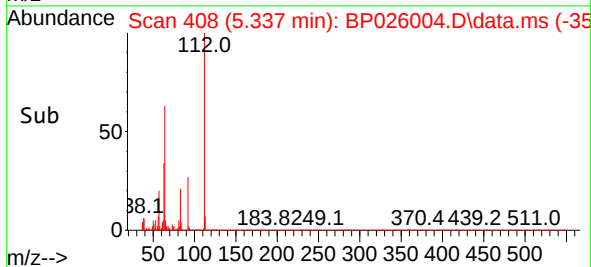
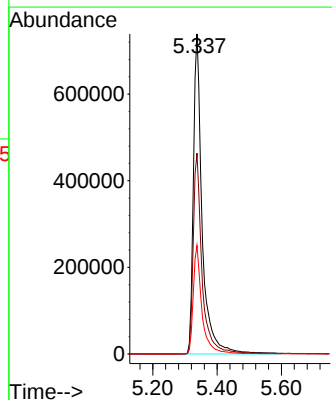
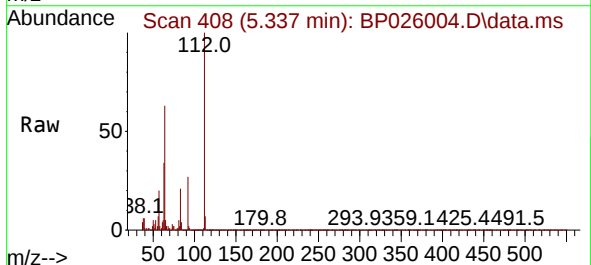


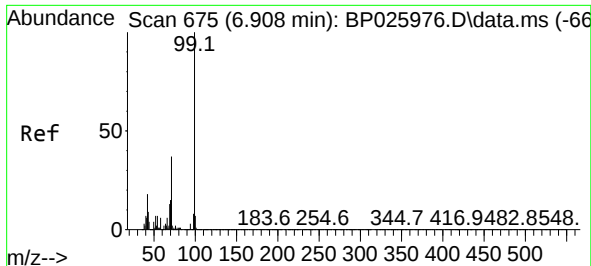
Tgt Ion:152 Resp: 158418
Ion Ratio Lower Upper
152 100
150 154.2 127.3 190.9
115 61.7 48.7 73.1



#5
2-Fluorophenol
Concen: 146.281 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Tgt Ion:112 Resp: 1413423
Ion Ratio Lower Upper
112 100
64 62.8 49.9 74.9
63 33.9 24.9 37.3

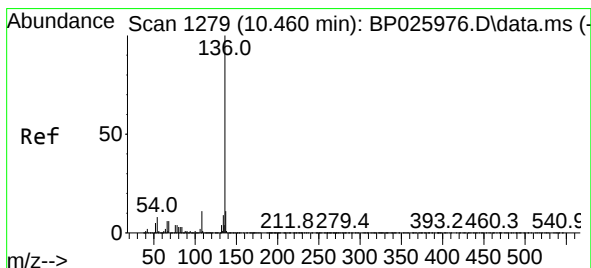
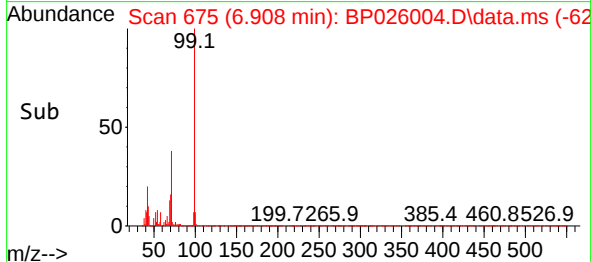
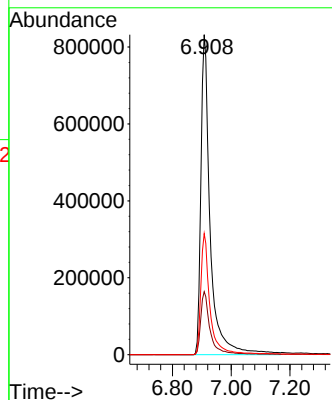
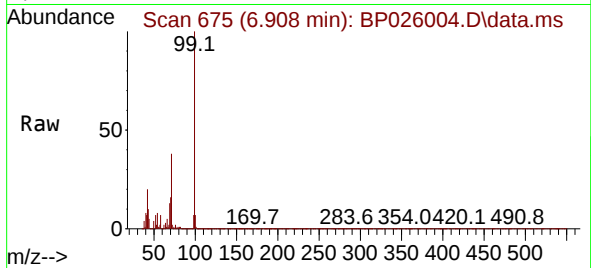




#7
Phenol-d6
Concen: 136.271 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

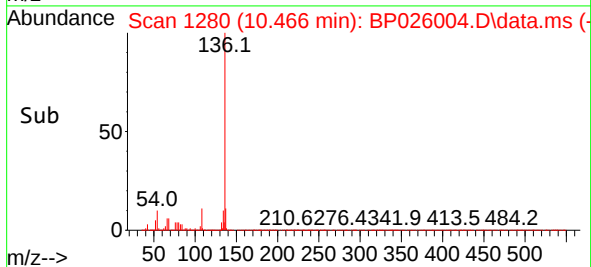
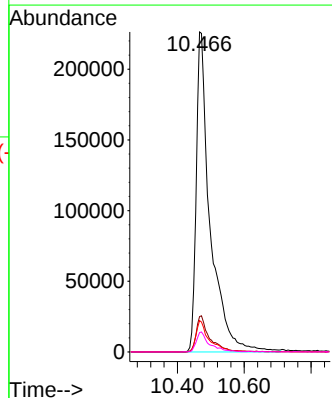
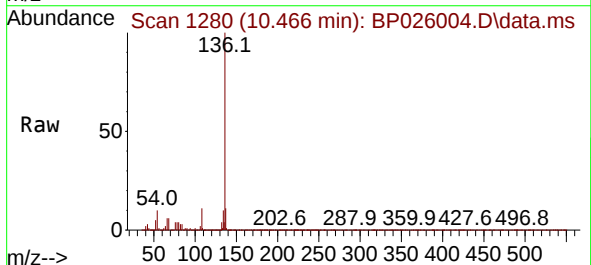
Instrument :
BNA_P
ClientSampleId :
PB170172TB

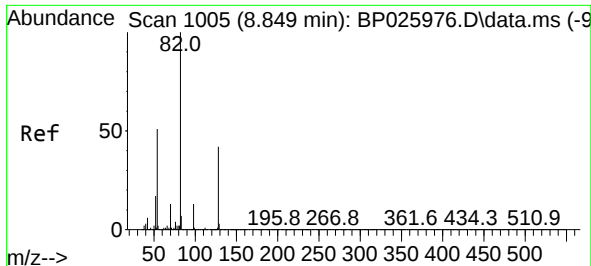
Tgt Ion: 99 Resp: 1837501
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 37.8 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.466 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 136 Resp: 655423
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 6.8 10.2
68 6.1 4.5 6.7

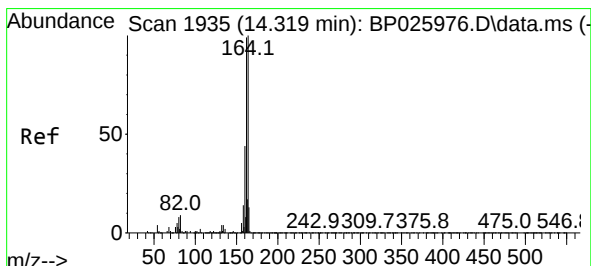
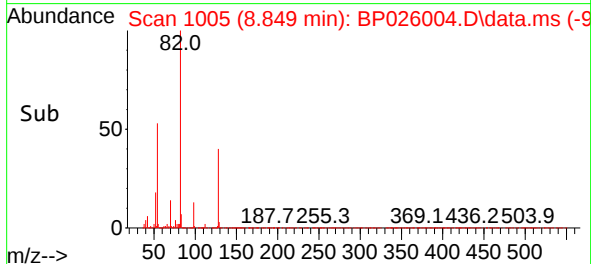
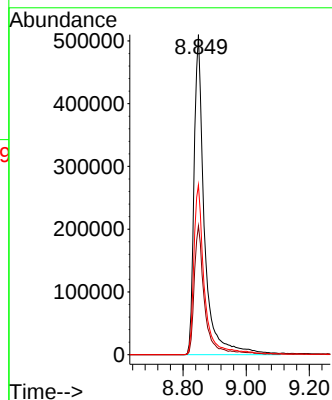
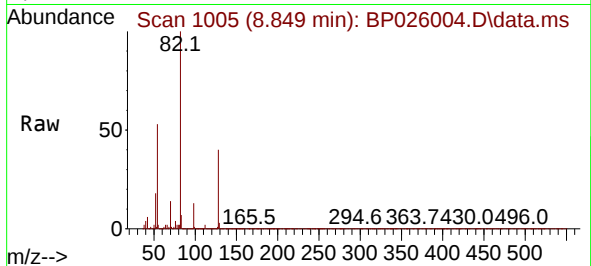




#23
Nitrobenzene-d5
Concen: 80.361 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

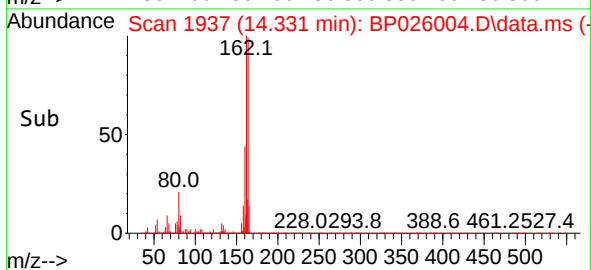
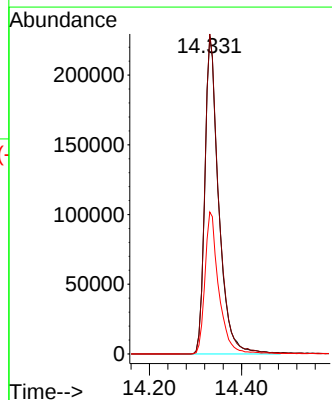
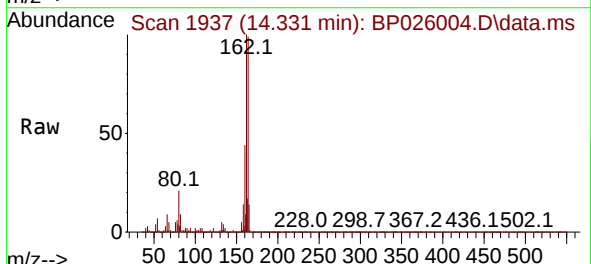
Instrument :
BNA_P
ClientSampleId :
PB170172TB

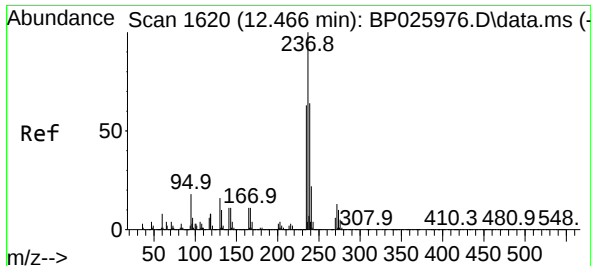
Tgt Ion: 82 Resp: 1171809
Ion Ratio Lower Upper
82 100
128 40.2 33.6 50.4
54 53.1 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 164 Resp: 478330
Ion Ratio Lower Upper
164 100
162 100.8 79.3 118.9
160 44.7 35.4 53.0

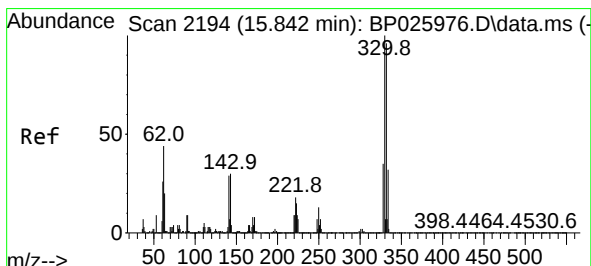
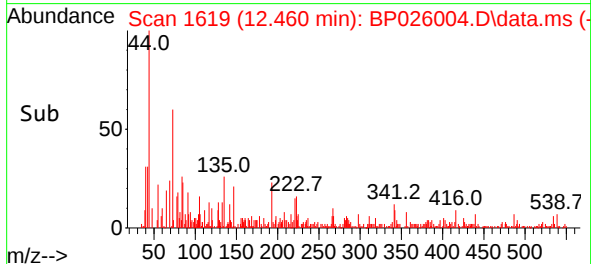
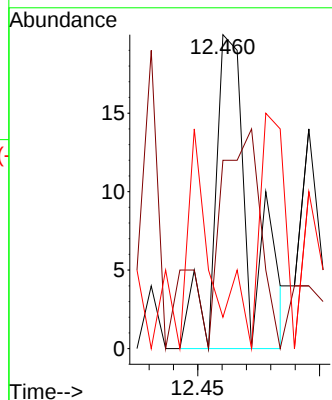
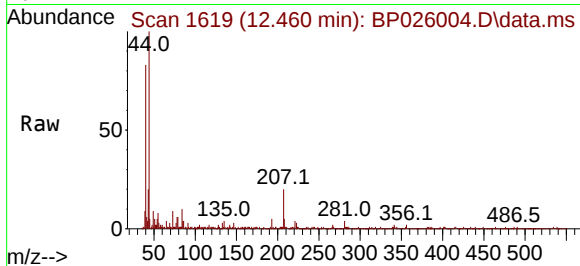




#41
Hexachlorocyclopentadiene
Concen: 5.383 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

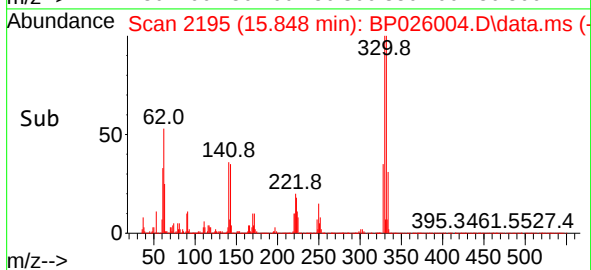
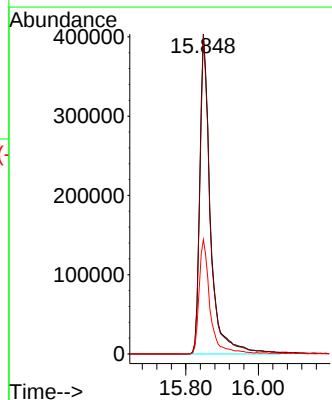
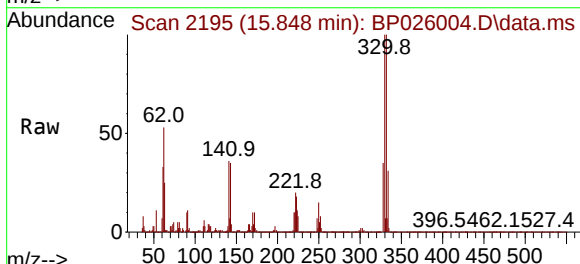
Instrument :
BNA_P
ClientSampleId :
PB170172TB

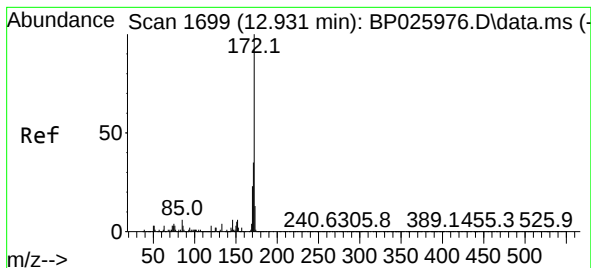
Tgt Ion:237	Resp:	20
Ion Ratio	Lower	Upper
237	100	
235	60.0	43.1 83.1
272	10.0	0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 129.167 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Tgt Ion:330	Resp:	831760
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.8 116.8
141	36.2	25.6 38.4





#45

2-Fluorobiphenyl

Concen: 77.093 ng

RT: 12.925 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP026004.D

Acq: 22 Oct 2025 18:36

Instrument :

BNA_P

ClientSampleId :

PB170172TB

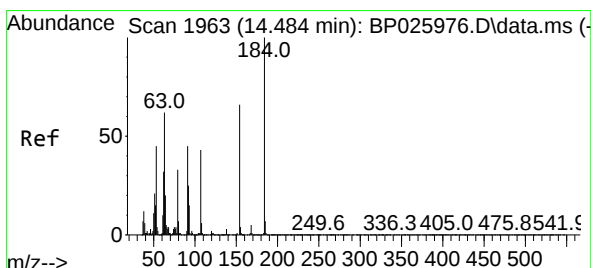
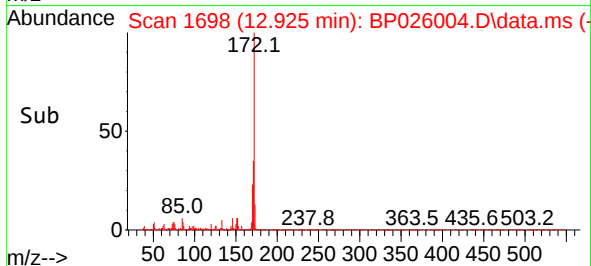
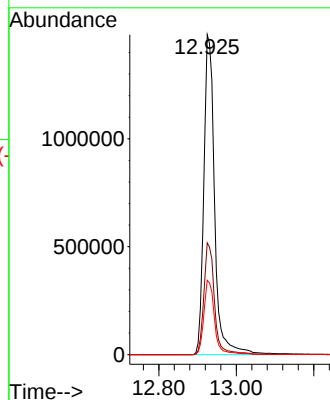
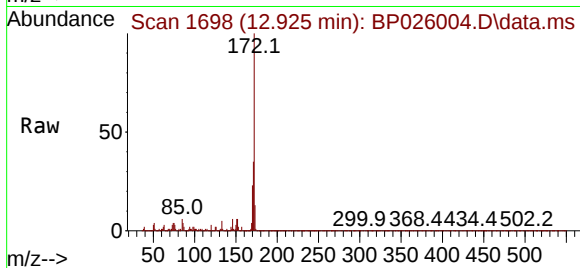
Tgt Ion:172 Resp: 2877049

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.3 18.5 27.7



#54

2,4-Dinitrophenol

Concen: 5.443 ng

RT: 14.472 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BP026004.D

Acq: 22 Oct 2025 18:36

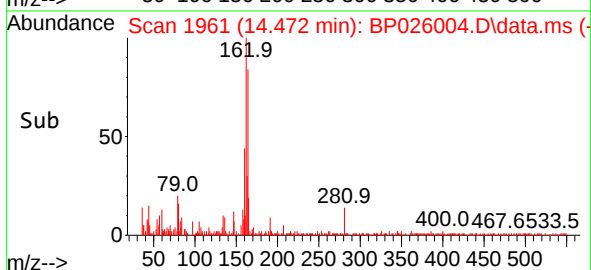
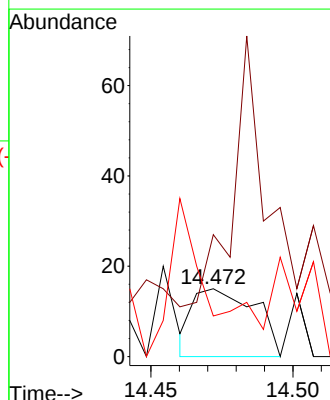
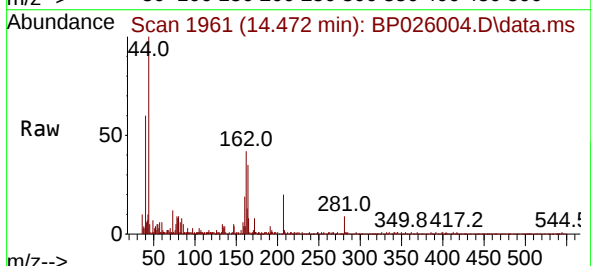
Tgt Ion:184 Resp: 23

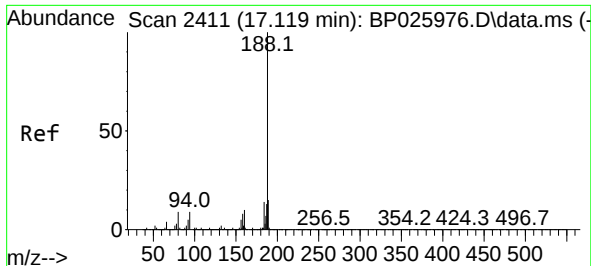
Ion Ratio Lower Upper

184 100

63 180.0 50.2 75.2#

154 60.0 54.2 81.4

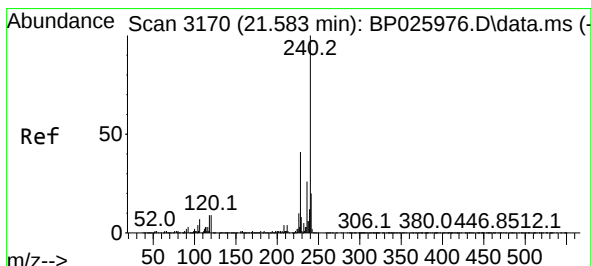
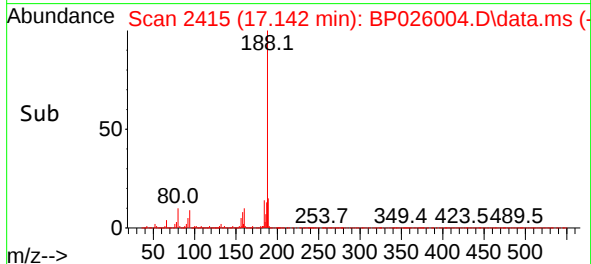
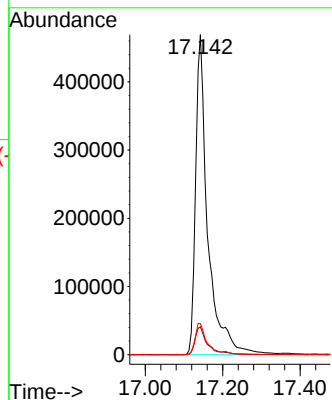
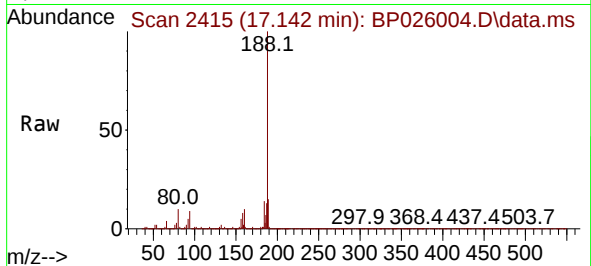




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2411
Delta R.T. 0.024 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

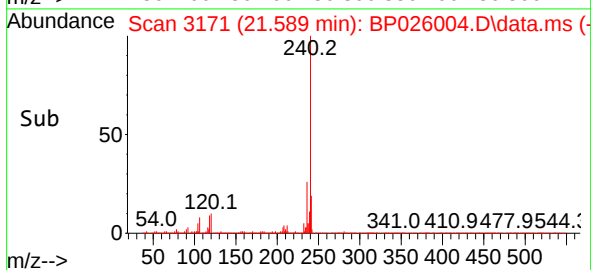
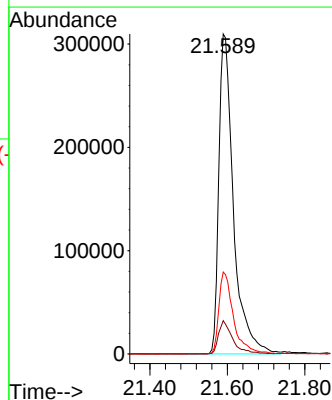
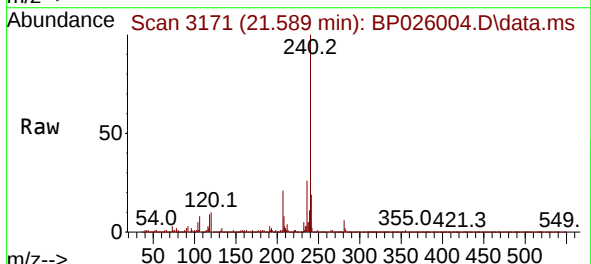
Instrument :
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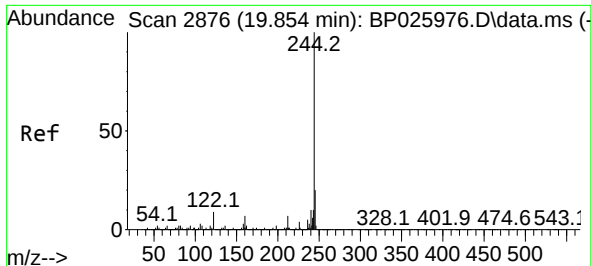
Tgt Ion:188 Resp: 1022176
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.006 min
Lab File: BP026004.D
Acq: 22 Oct 2025 18:36

Tgt Ion:240 Resp: 810364
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 25.6 20.4 30.6

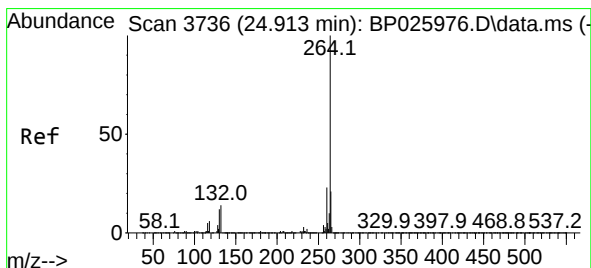
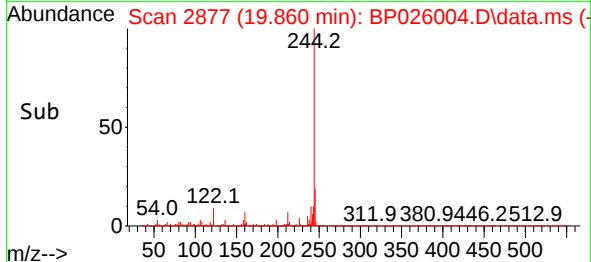
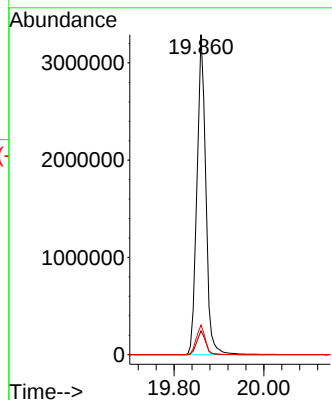
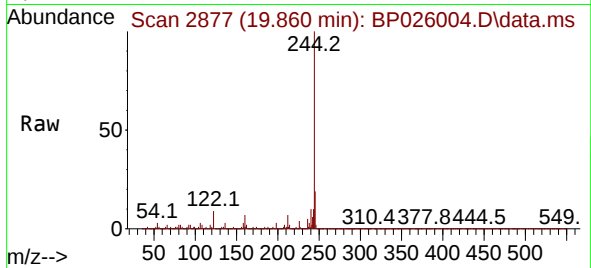




#79
 Terphenyl-d14
 Concen: 89.041 ng
 RT: 19.860 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026004.D
 Acq: 22 Oct 2025 18:36

Instrument :
 BNA_P
 ClientSampleId :
 PB170172TB

Tgt Ion:244 Resp: 4514853
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.942 min Scan# 3741
 Delta R.T. 0.029 min
 Lab File: BP026004.D
 Acq: 22 Oct 2025 18:36

Tgt Ion:264 Resp: 659354
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 22.7 17.7 26.5

