

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026211.D
 Acq On : 02 Dec 2025 17:15
 Operator : RC/JU
 Sample : PB170782BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BL

Quant Time: Dec 02 17:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	237146	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	907628	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	561103	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1126557	20.000	ng	-0.03
76) Chrysene-d12	21.554	240	1169313	20.000	ng	-0.02
86) Perylene-d12	24.871	264	1304006	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1952195	132.131	ng	0.00
7) Phenol-d6	6.843	99	2326147	123.670	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1376073	86.119	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	990210	136.039	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	3481304	90.931	ng	-0.03
79) Terphenyl-d14	19.848	244	5617372	97.956	ng	-0.02

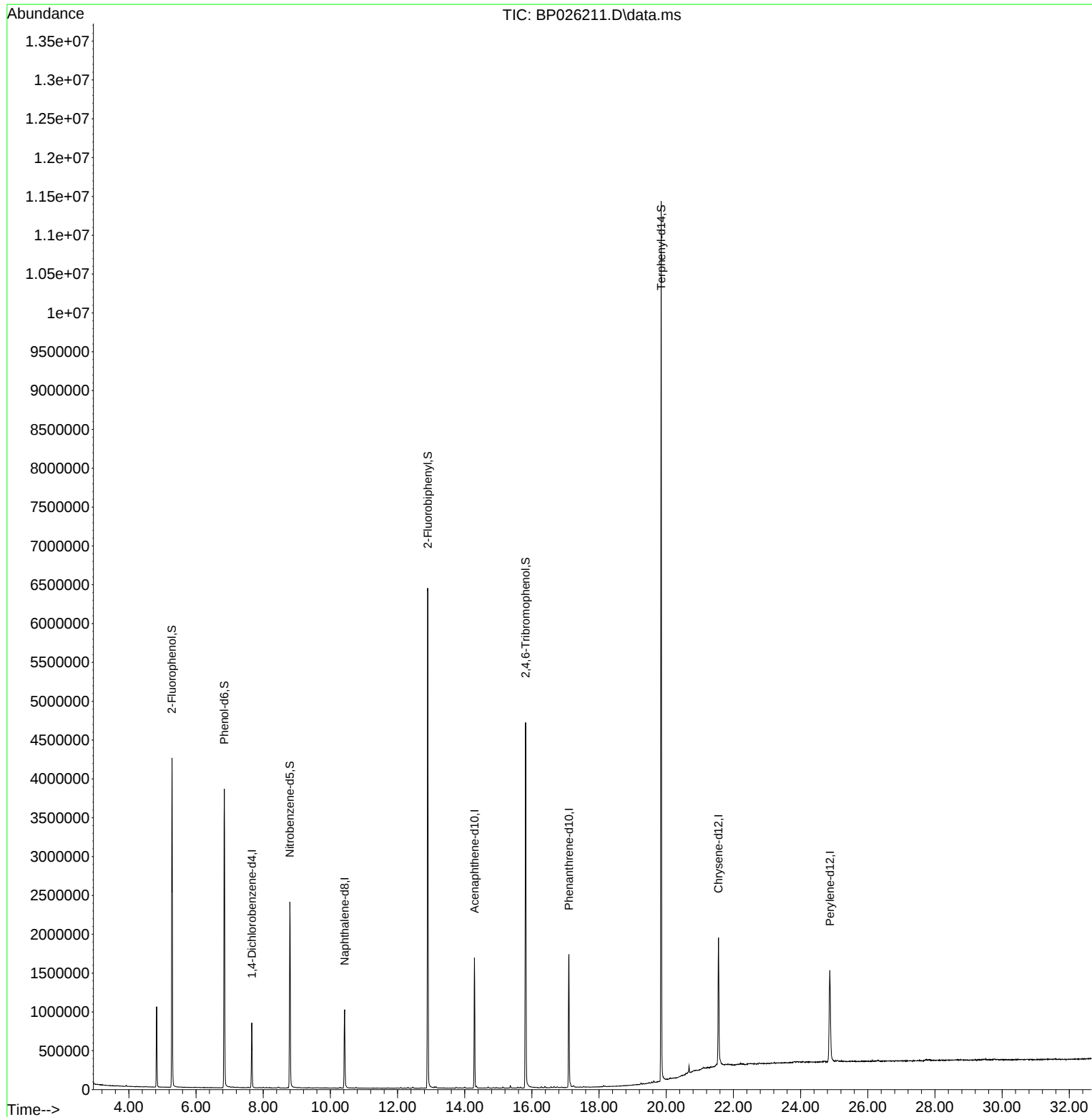
Target Compounds	Qvalue

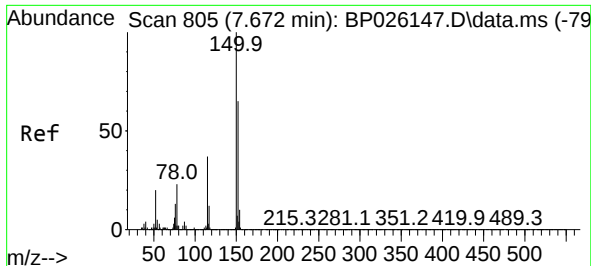
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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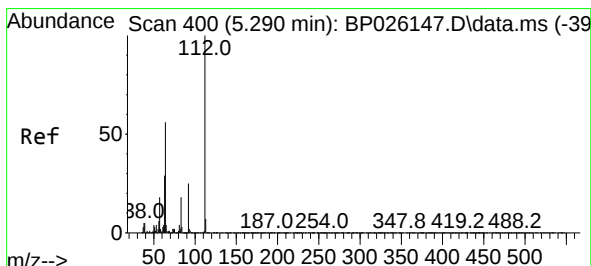
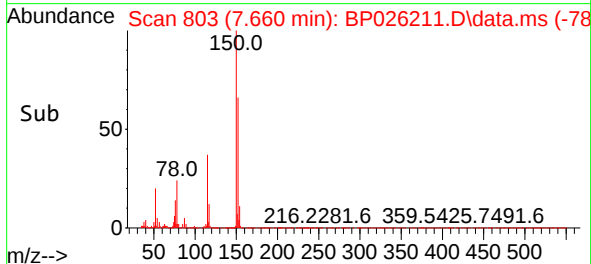
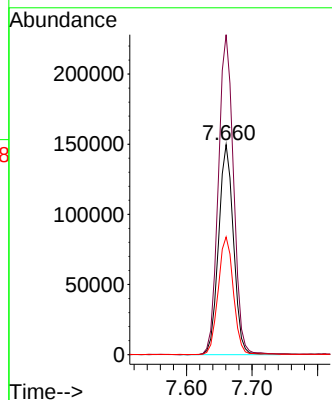
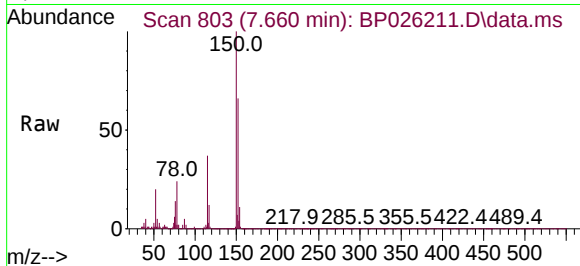




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

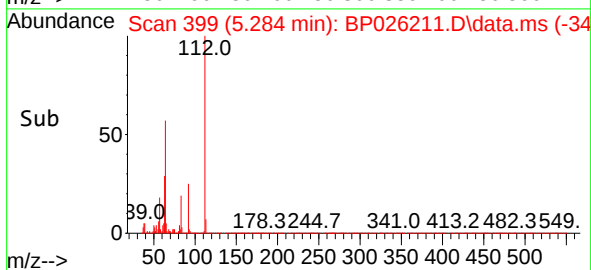
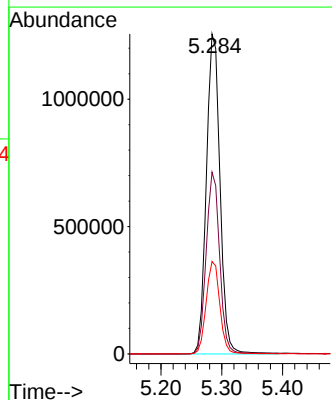
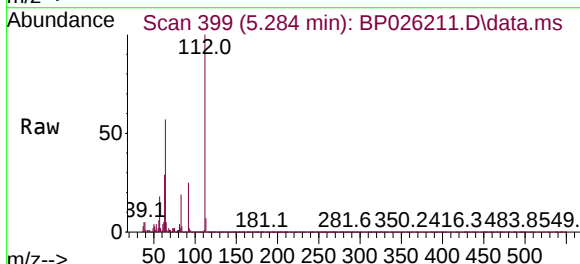
Instrument :
BNA_P
ClientSampleId :
PB170782BL

Tgt Ion:152 Resp: 237146
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.6
115 56.0 46.3 69.5



#5
2-Fluorophenol
Concen: 132.131 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

Tgt Ion:112 Resp: 1952195
Ion Ratio Lower Upper
112 100
64 56.8 45.8 68.6
63 28.9 23.5 35.3

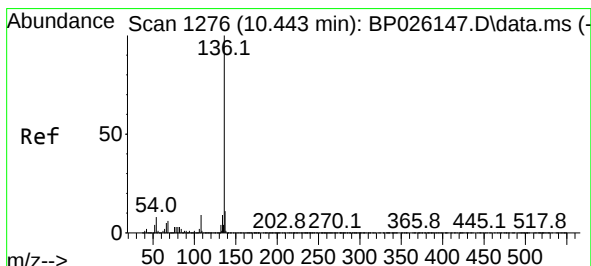
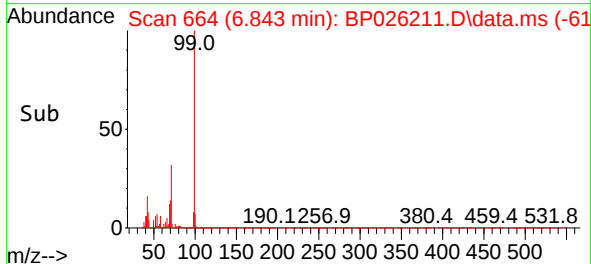
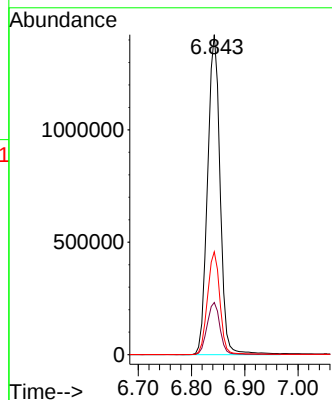
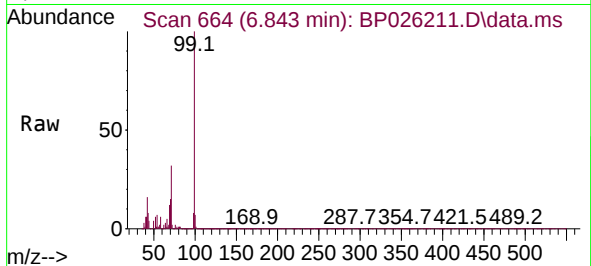




#7
Phenol-d6
Concen: 123.670 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

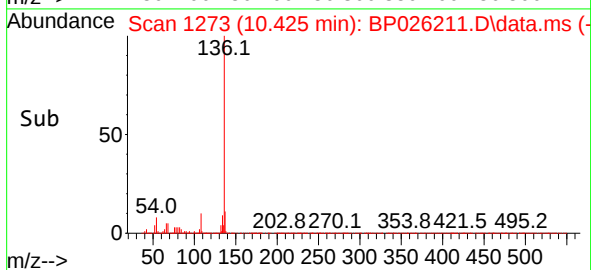
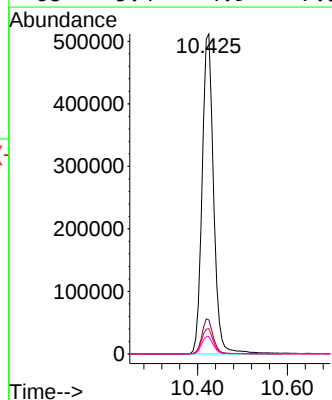
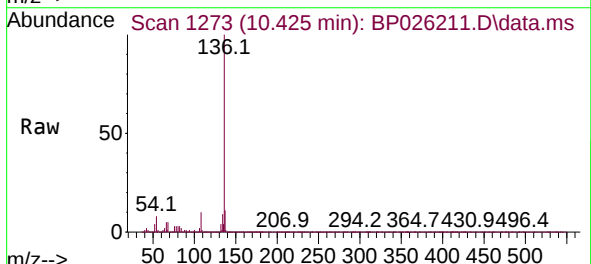
Instrument :
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ClientSampleId :
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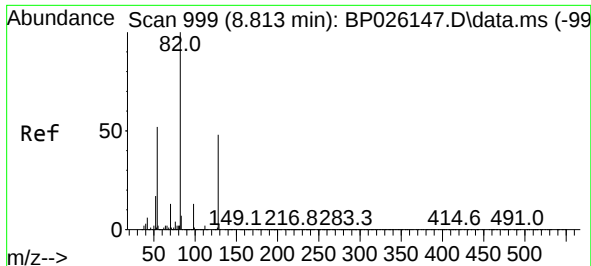
Tgt Ion: 99 Resp: 2326147
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.2 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

Tgt Ion: 136 Resp: 907628
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.9 6.4 9.6
68 5.4 4.9 7.3

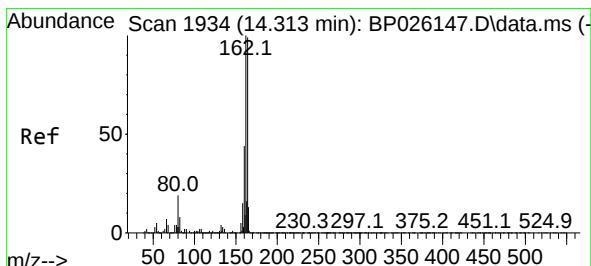
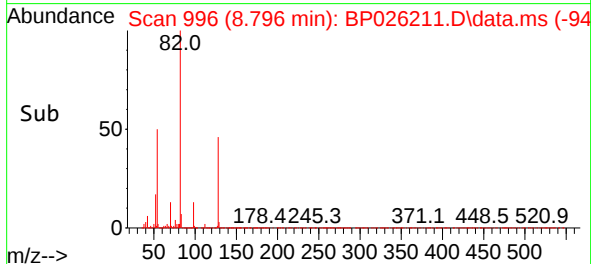
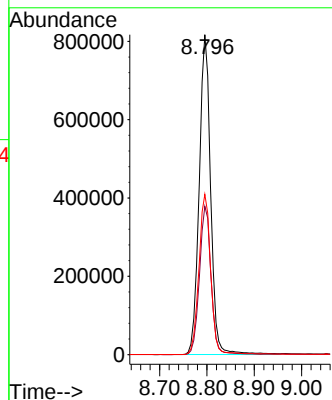
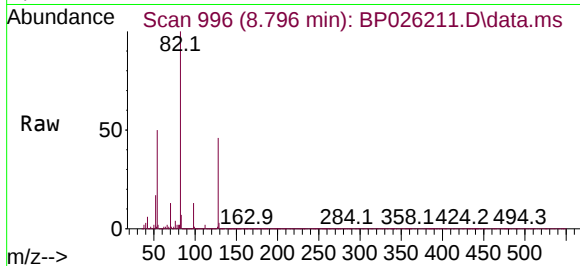




#23
Nitrobenzene-d5
Concen: 86.119 ng
RT: 8.796 min Scan# 999
Delta R.T. -0.018 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

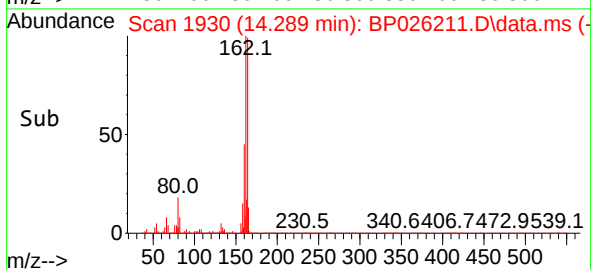
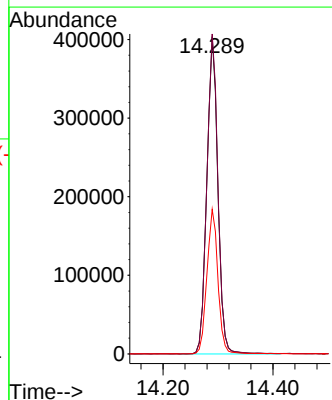
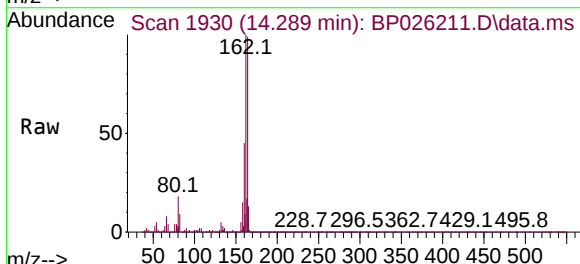
Instrument :
BNA_P
ClientSampleId :
PB170782BL

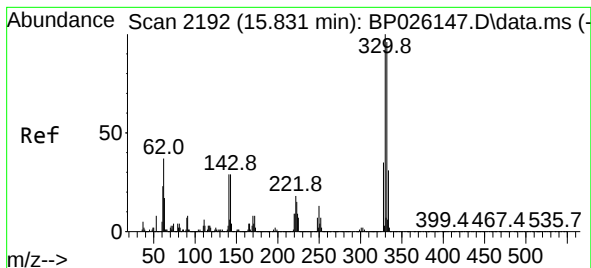
Tgt Ion: 82 Resp: 1376073
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 50.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

Tgt Ion:164 Resp: 561103
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 45.5 35.2 52.8

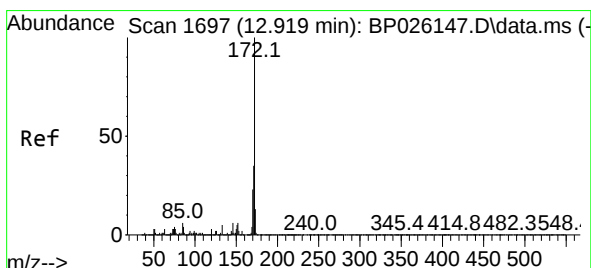
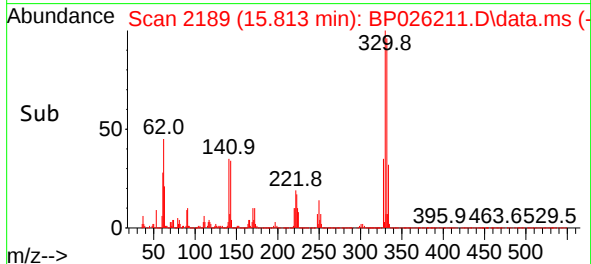
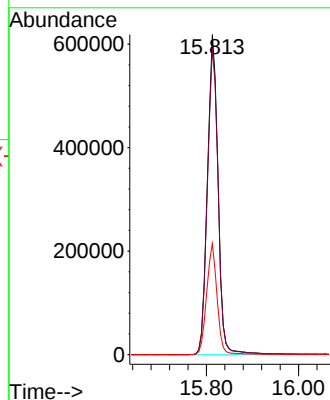
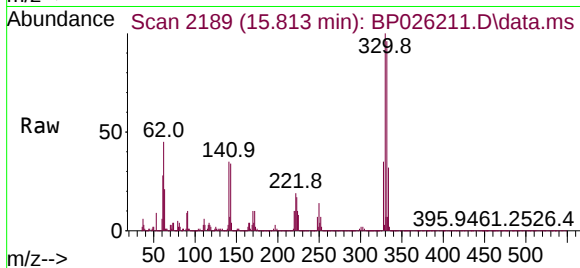




#42
2,4,6-Tribromophenol
Concen: 136.039 ng
RT: 15.813 min Scan# 2192
Delta R.T. -0.024 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

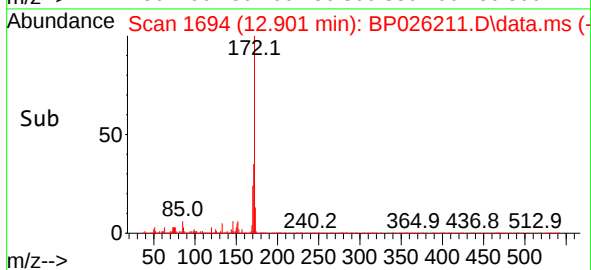
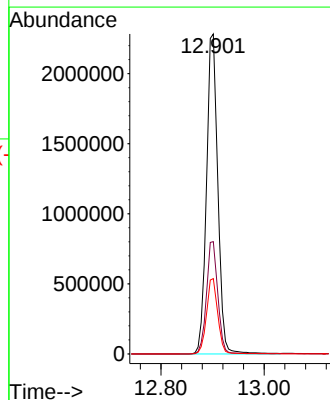
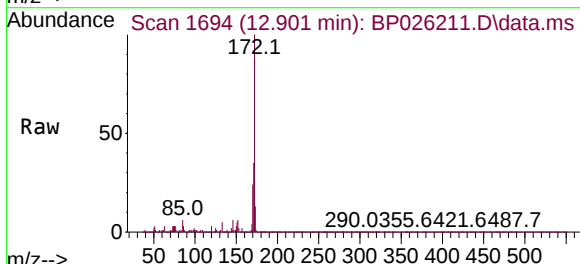
Instrument :
BNA_P
ClientSampleId :
PB170782BL

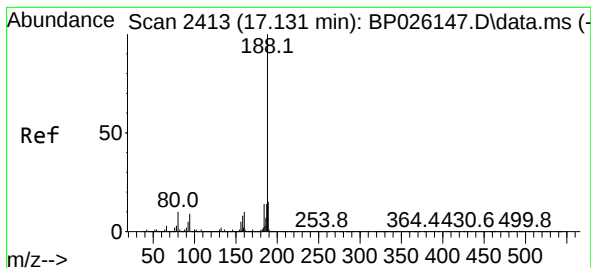
Tgt Ion:330 Resp: 990210
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 34.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 90.931 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.029 min
Lab File: BP026211.D
Acq: 02 Dec 2025 17:15

Tgt Ion:172 Resp: 3481304
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.101 min Scan# 2413

Delta R.T. -0.029 min

Lab File: BP026211.D

Acq: 02 Dec 2025 17:15

Instrument :

BNA_P

ClientSampleId :

PB170782BL

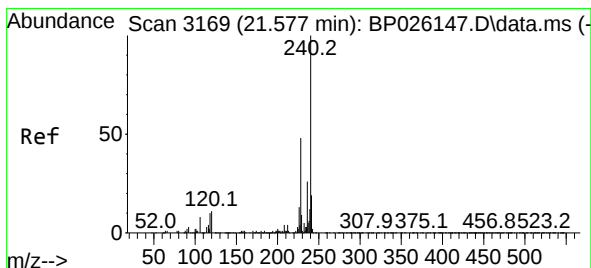
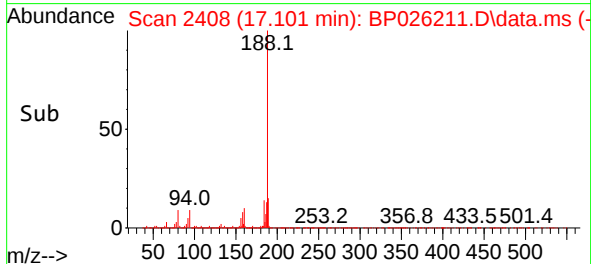
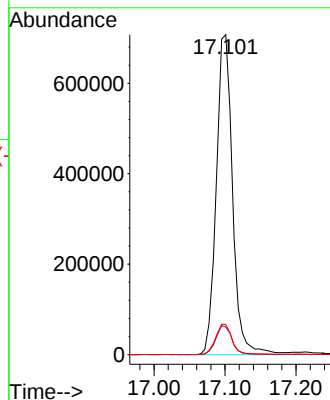
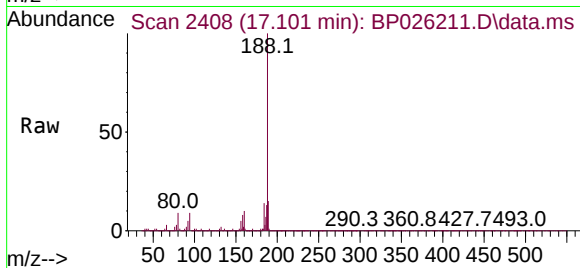
Tgt Ion:188 Resp: 1126557

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.4 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BP026211.D

Acq: 02 Dec 2025 17:15

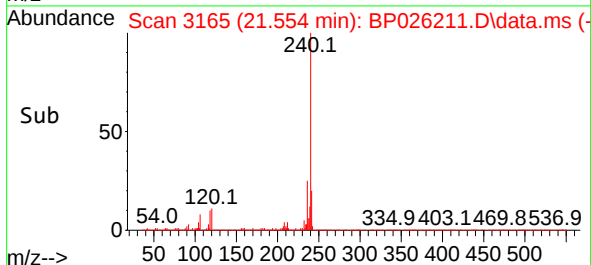
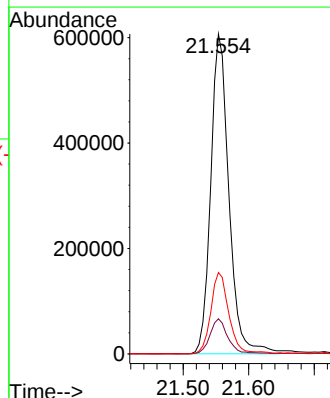
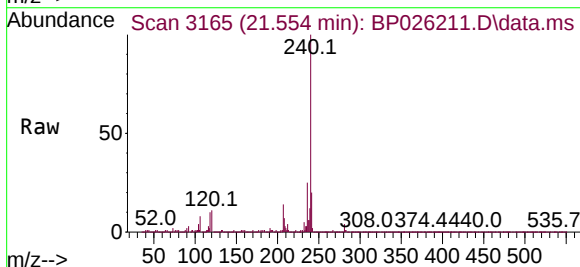
Tgt Ion:240 Resp: 1169313

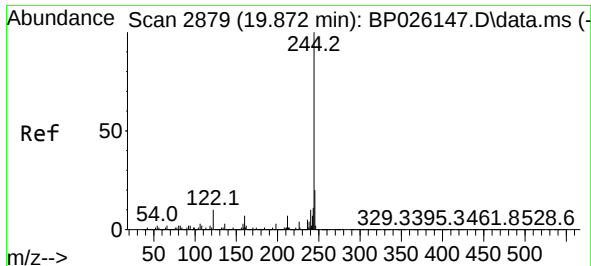
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.4 20.4 30.6

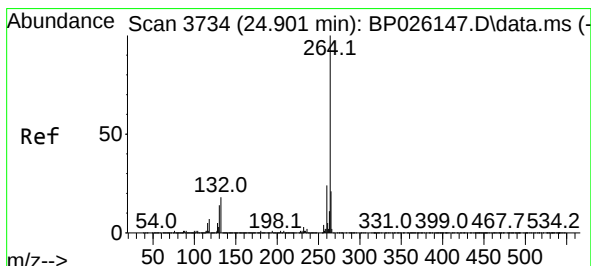
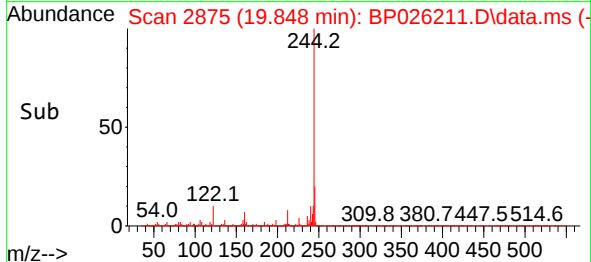
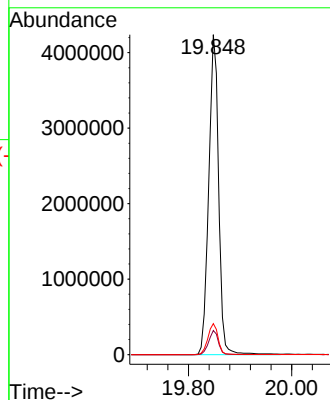
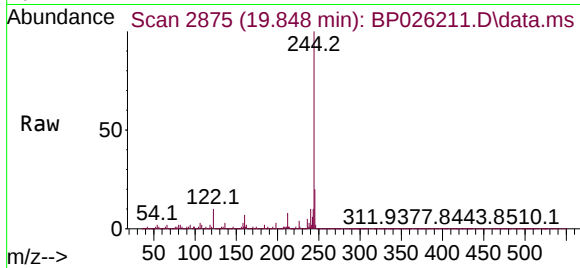




#79
 Terphenyl-d14
 Concen: 97.956 ng
 RT: 19.848 min Scan# 2875
 Delta R.T. -0.023 min
 Lab File: BP026211.D
 Acq: 02 Dec 2025 17:15

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BL

Tgt Ion:244 Resp: 5617372
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.871 min Scan# 3729
 Delta R.T. -0.035 min
 Lab File: BP026211.D
 Acq: 02 Dec 2025 17:15

Tgt Ion:264 Resp: 1304006
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.1 17.5 26.3

