

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025240.D
 Acq On : 24 Jul 2025 13:24
 Operator : CG/JU
 Sample : Q2481-16 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0625-NL

Quant Time: Jul 24 13:46:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	481955	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1963844	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1252114	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2688055	20.000	ng	0.01
76) Chrysene-d12	21.342	240	2490204	20.000	ng	0.02
86) Perylene-d12	24.459	264	1494495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	373927	13.109	ng	0.00
7) Phenol-d6	6.637	99	443338	12.549	ng	0.00
23) Nitrobenzene-d5	8.554	82	321952	9.111	ng	-0.01
42) 2,4,6-Tribromophenol	15.607	330	219878	11.912	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	904670	10.186	ng	0.00
79) Terphenyl-d14	19.660	244	1514064	12.002	ng	0.00

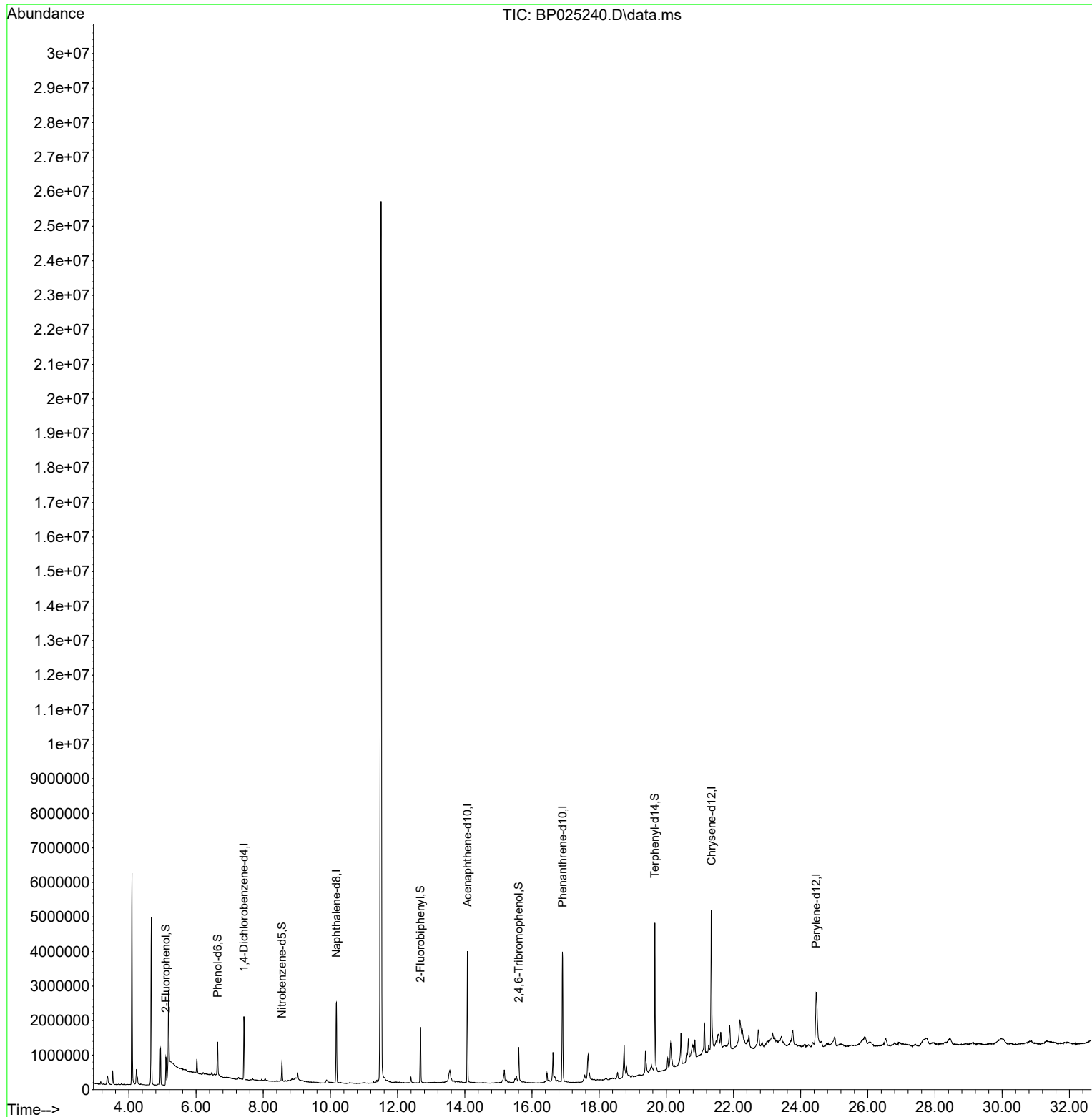
Target Compounds	Qvalue

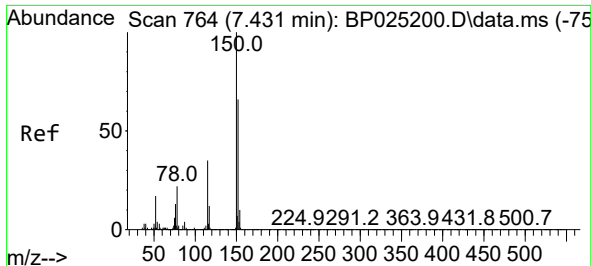
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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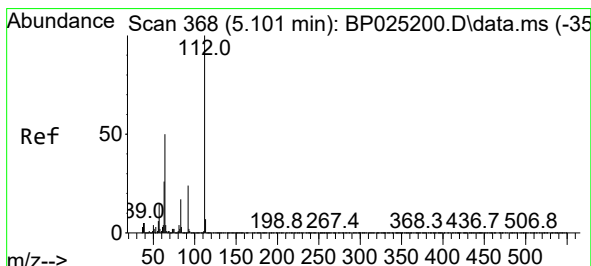
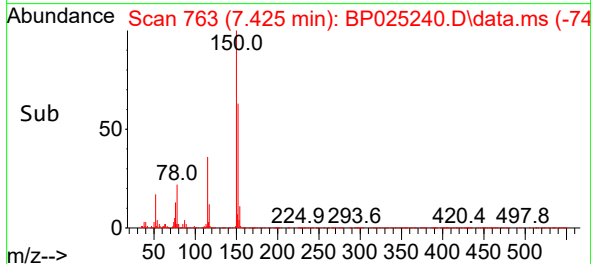
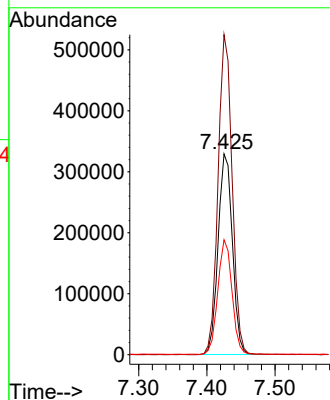
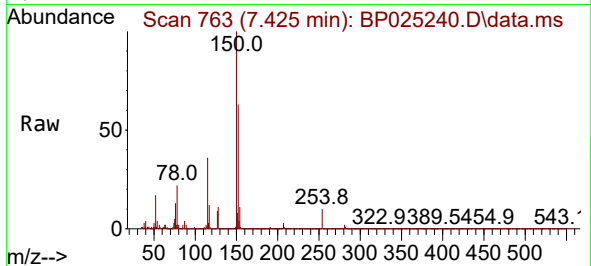




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

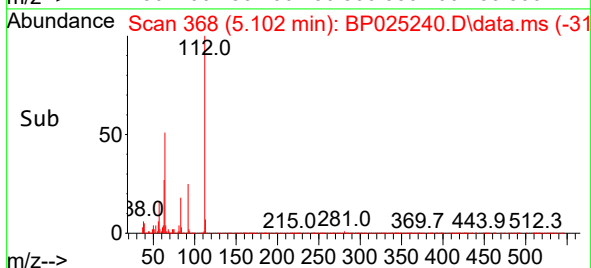
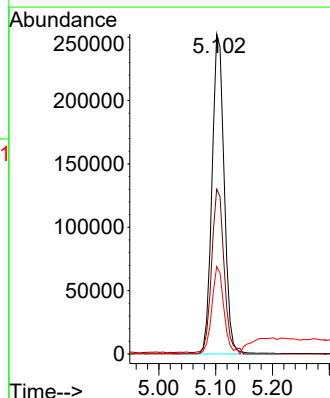
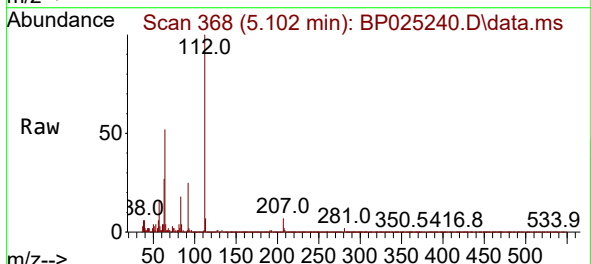
Instrument :
BNA_P
ClientSampleId :
CC0625-NL

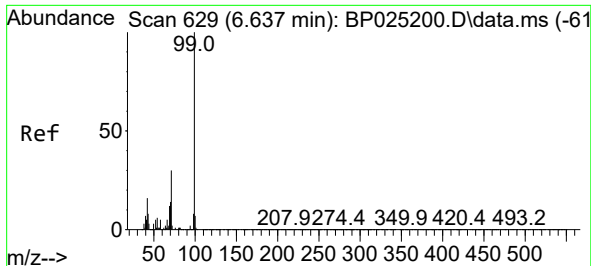
Tgt Ion:152 Resp: 481955
Ion Ratio Lower Upper
152 100
150 159.3 121.9 182.9
115 57.2 43.0 64.6



#5
2-Fluorophenol
Concen: 13.109 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:112 Resp: 373927
Ion Ratio Lower Upper
112 100
64 51.5 39.8 59.6
63 27.3 20.5 30.7

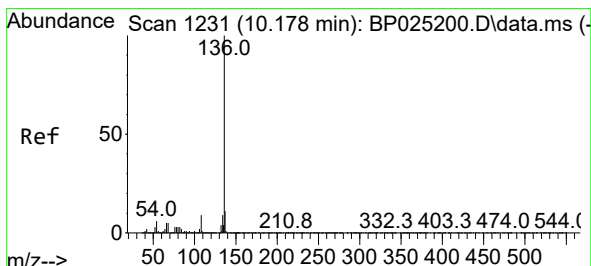
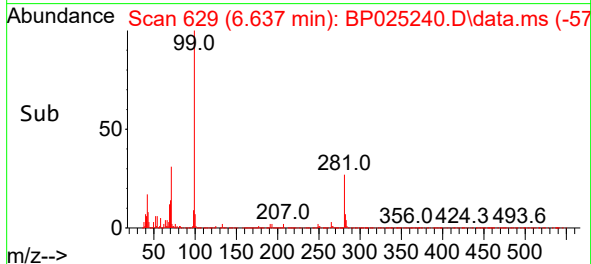
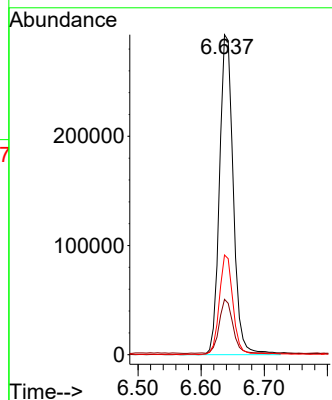
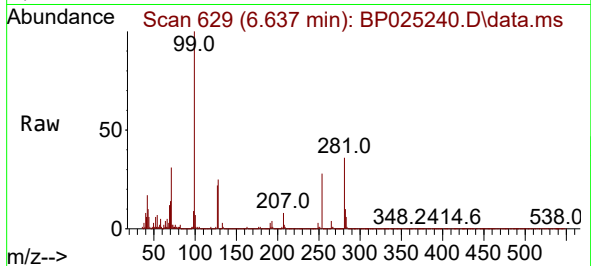




#7
Phenol-d6
Concen: 12.549 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

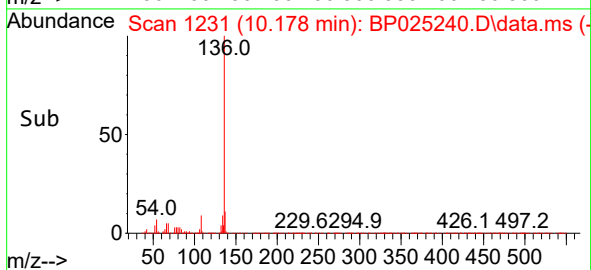
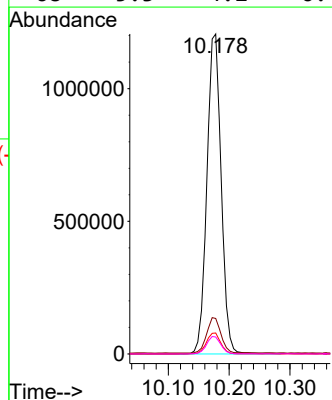
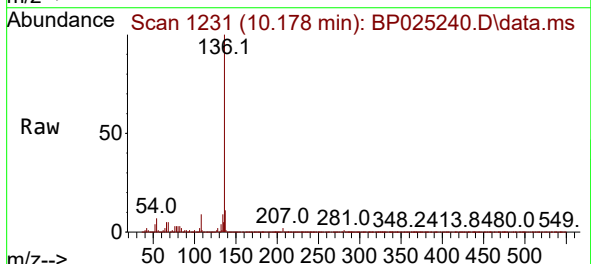
Instrument :
BNA_P
ClientSampleId :
CC0625-NL

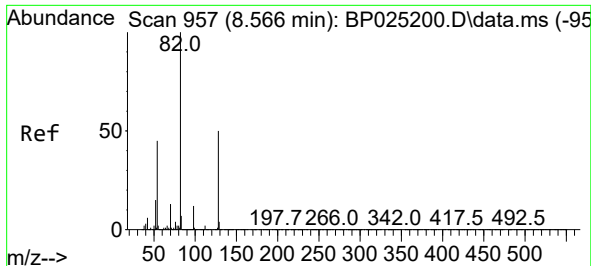
Tgt Ion: 99 Resp: 443338
Ion Ratio Lower Upper
99 100
42 17.3 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:136 Resp: 1963844
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.1 7.7
68 5.3 4.2 6.4

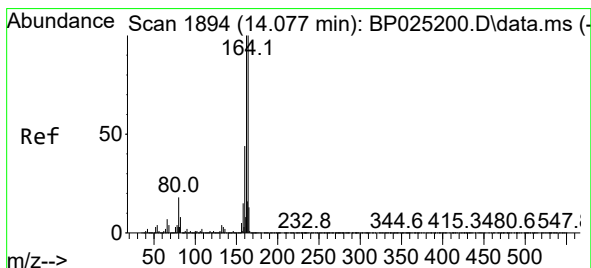
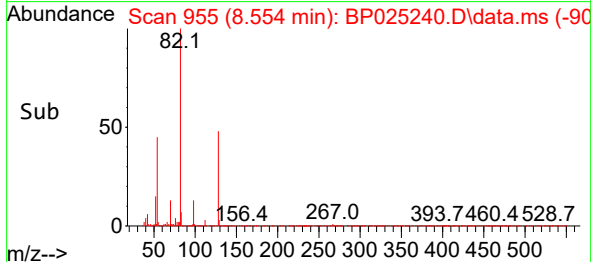
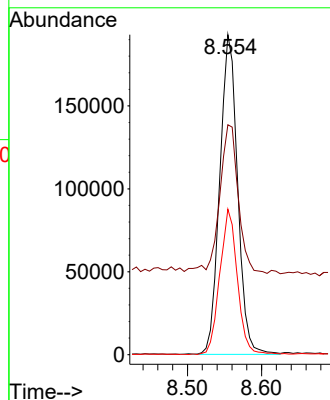
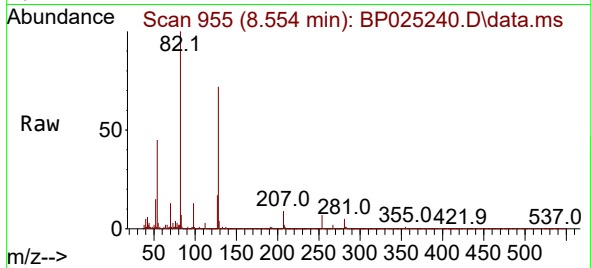




#23
Nitrobenzene-d5
Concen: 9.111 ng
RT: 8.554 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

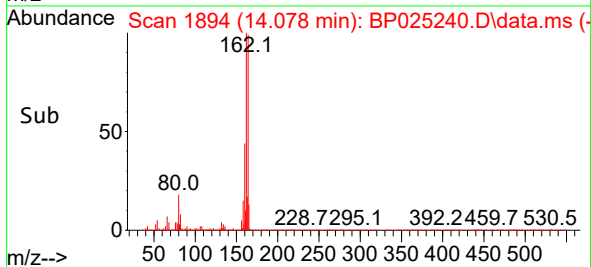
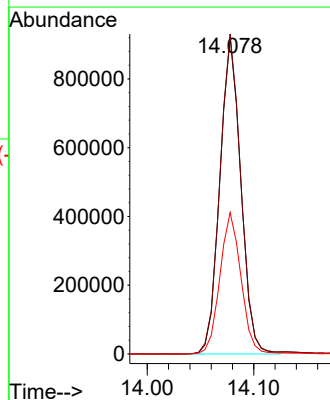
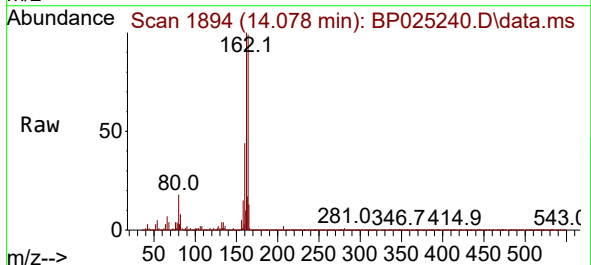
Instrument :
BNA_P
ClientSampleId :
CC0625-NL

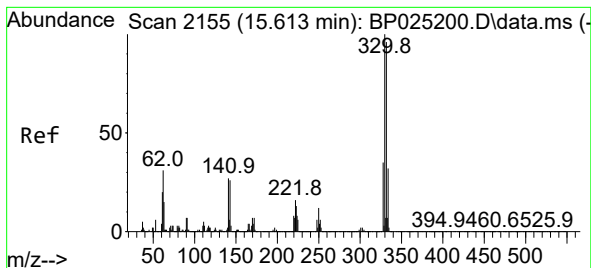
Tgt Ion: 82 Resp: 321952
Ion Ratio Lower Upper
82 100
128 71.9 40.2 60.4#
54 45.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:164 Resp: 1252114
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 11.912 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025240.D

Acq: 24 Jul 2025 13:24

Instrument :

BNA_P

ClientSampleId :

CC0625-NL

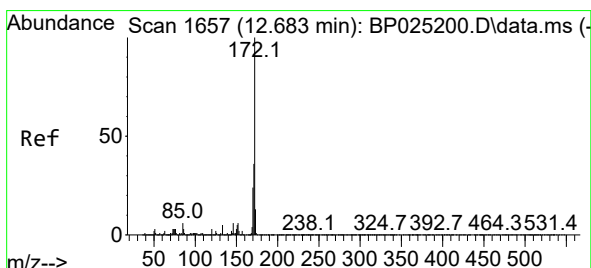
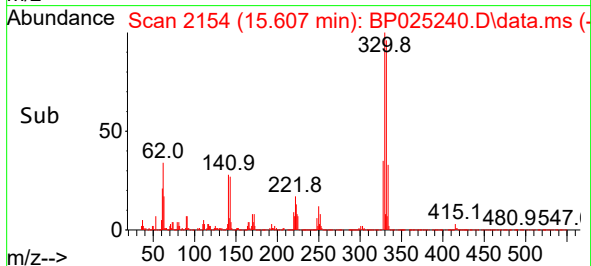
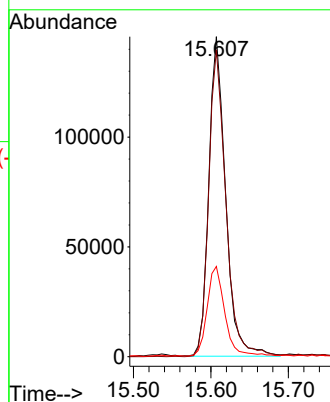
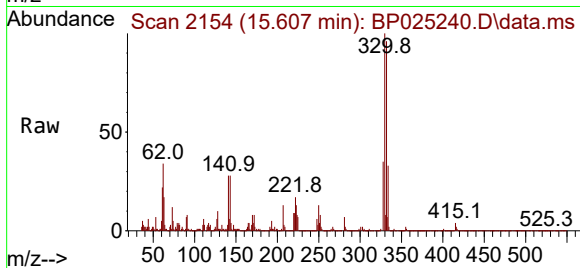
Tgt Ion:330 Resp: 219878

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 29.1 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 10.186 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BP025240.D

Acq: 24 Jul 2025 13:24

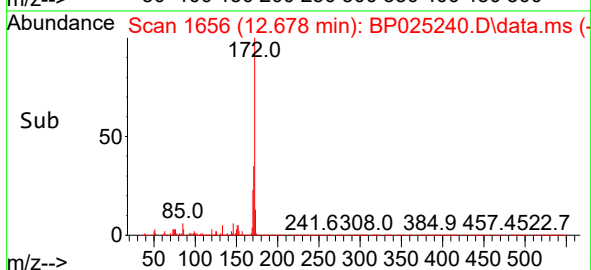
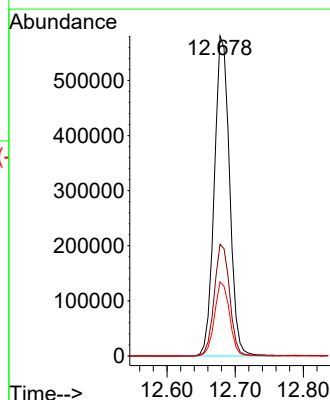
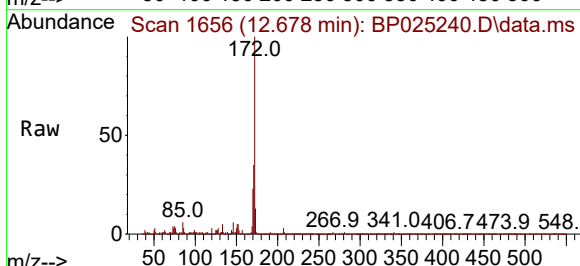
Tgt Ion:172 Resp: 904670

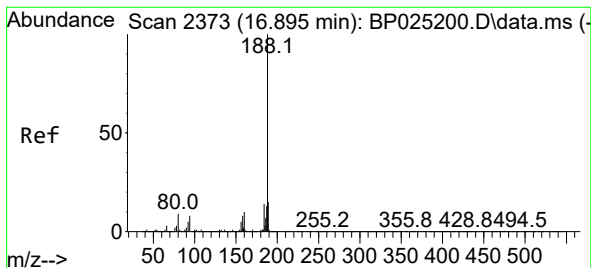
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.1 19.2 28.8

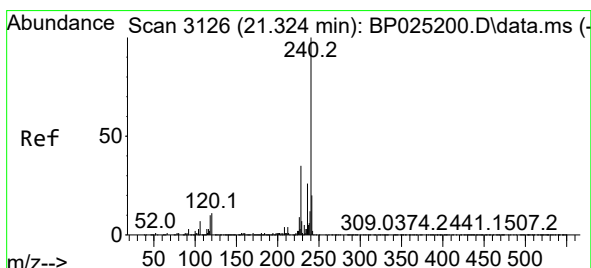
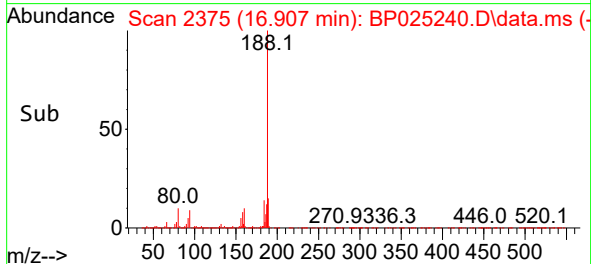
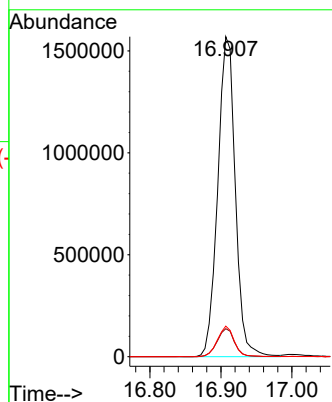
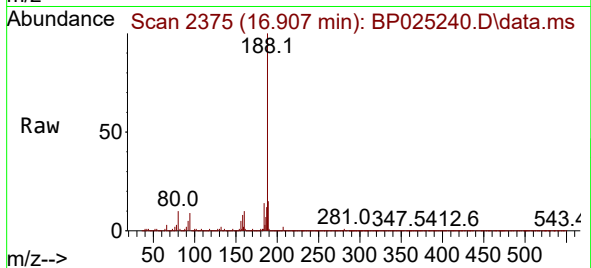




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

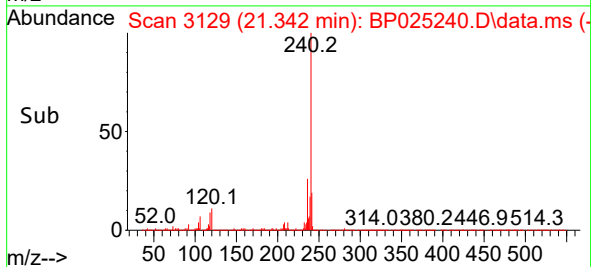
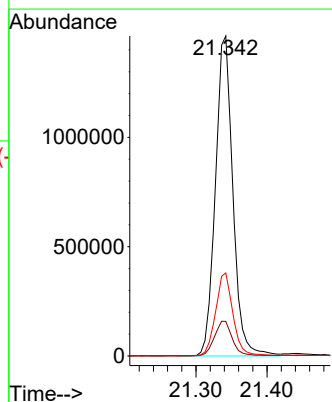
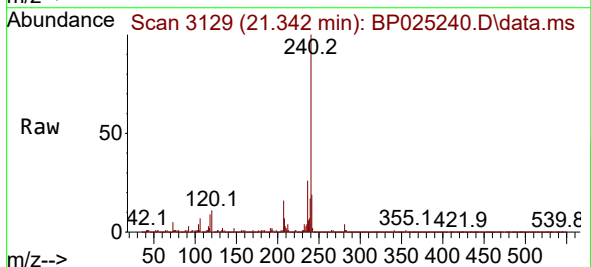
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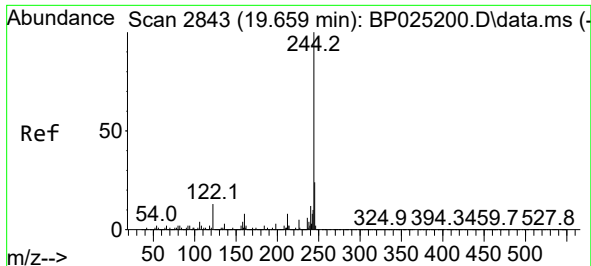
Tgt Ion:188 Resp: 2688055
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:240 Resp: 2490204
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.9 20.9 31.3

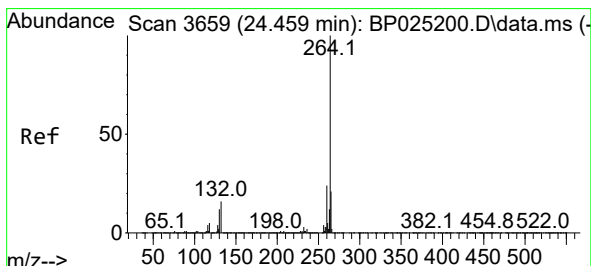
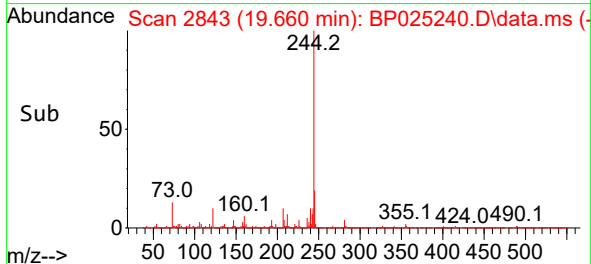
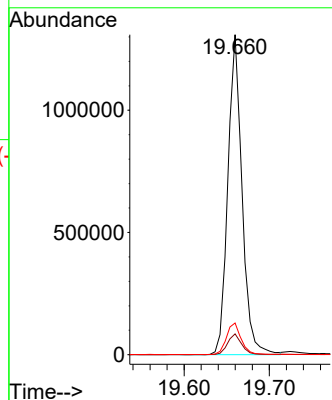
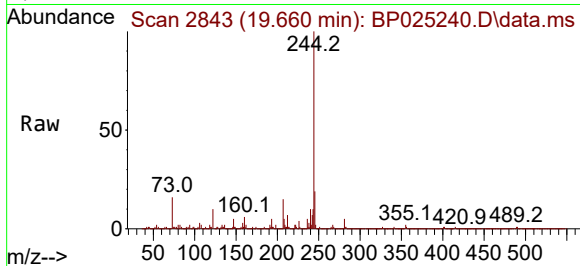




#79
 Terphenyl-d14
 Concen: 12.002 ng
 RT: 19.660 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BP025240.D
 Acq: 24 Jul 2025 13:24

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 1514064
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.6 9.8#
 122 9.9 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.459 min Scan# 3659
 Delta R.T. 0.000 min
 Lab File: BP025240.D
 Acq: 24 Jul 2025 13:24

Tgt Ion:264 Resp: 1494495
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.0 28.6
 265 22.3 17.5 26.3

