

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
 Data File : BP025752.D
 Acq On : 15 Sep 2025 14:33
 Operator : CG/JU
 Sample : PB169526BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169526BL

Quant Time: Sep 15 15:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

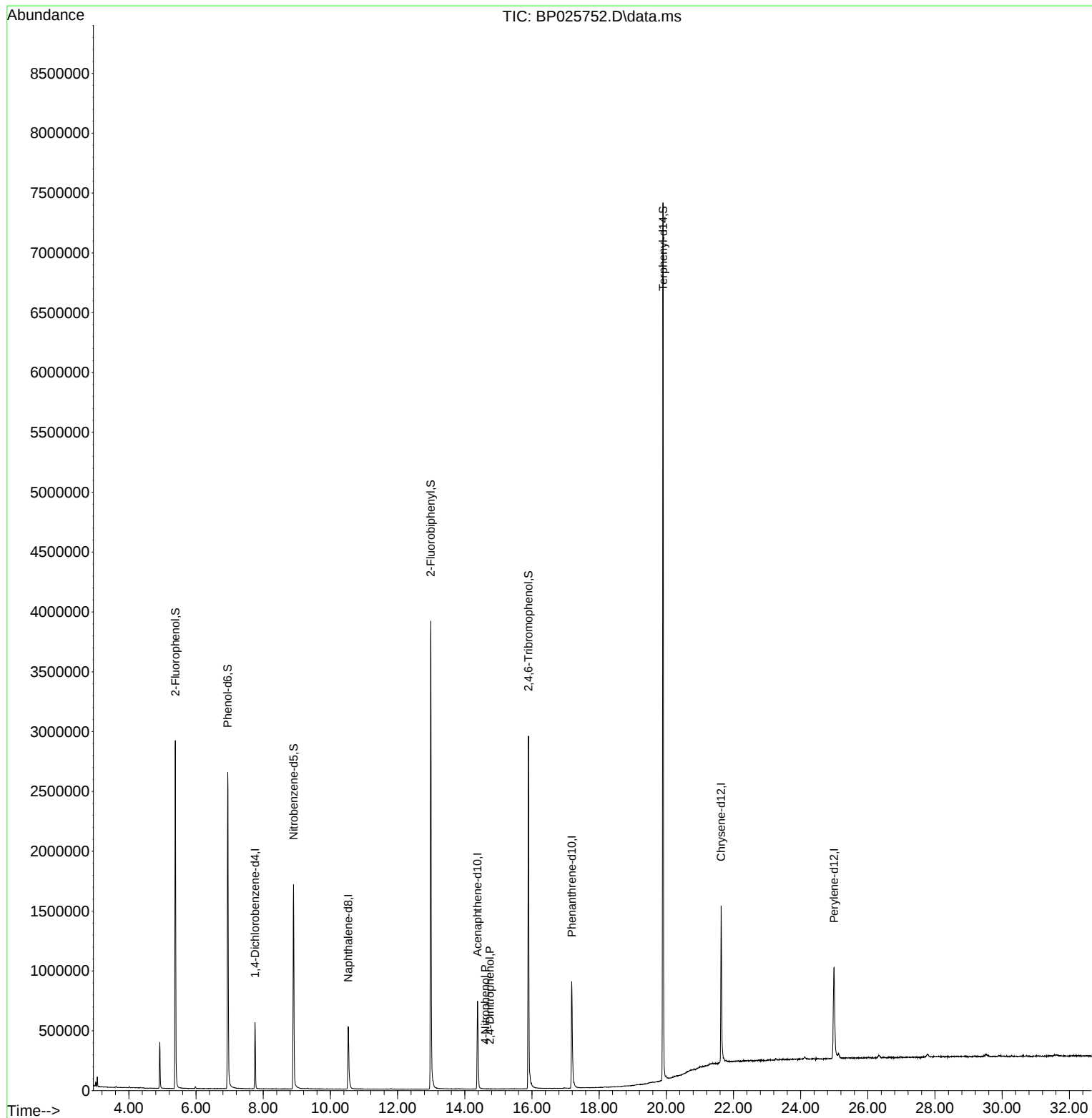
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	144041	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	563063	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	367201	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	794316	20.000	ng	0.00
76) Chrysene-d12	21.630	240	872173	20.000	ng	-0.01
86) Perylene-d12	24.995	264	888875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1281989	143.609	ng	0.00
7) Phenol-d6	6.943	99	1622312	136.724	ng	0.00
23) Nitrobenzene-d5	8.902	82	1067835	83.655	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	583869	127.479	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2323179	84.241	ng	0.00
79) Terphenyl-d14	19.901	244	4006675	82.644	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.748	184	7	4.826	ng	91
56) 4-Nitrophenol	14.607	139	9	4.484	ng	# 50

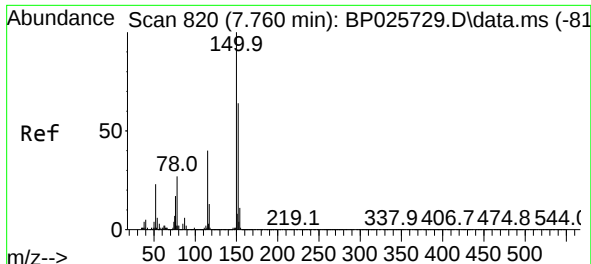
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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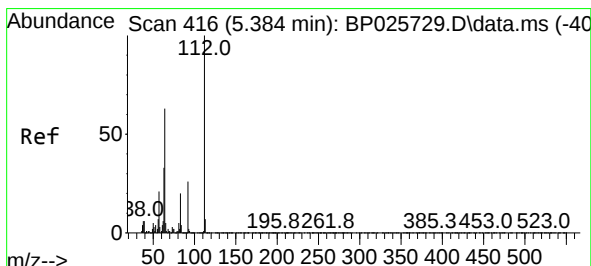
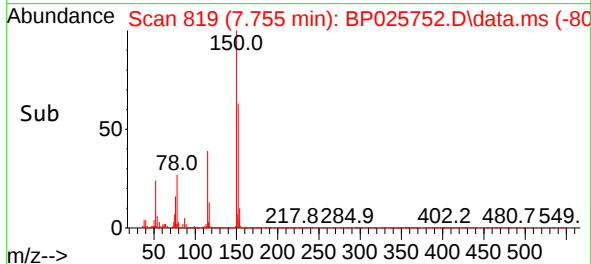
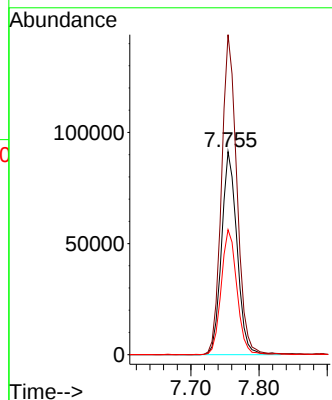
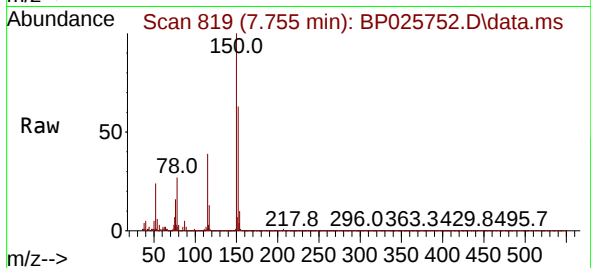




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP025752.D
 Acq: 15 Sep 2025 14:33

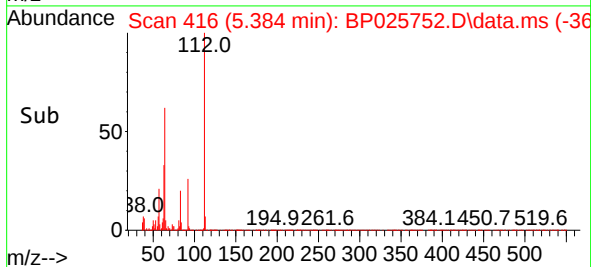
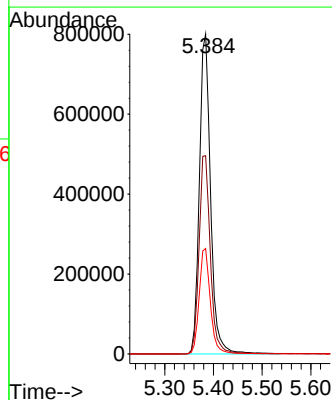
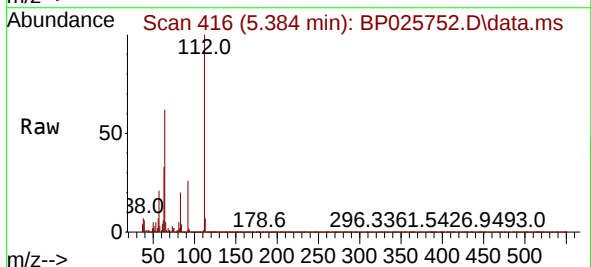
Instrument :
 BNA_P
 ClientSampleId :
 PB169526BL

Tgt Ion:152 Resp: 144041
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.3 186.5
 115 61.5 50.3 75.5



#5
 2-Fluorophenol
 Concen: 143.609 ng
 RT: 5.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP025752.D
 Acq: 15 Sep 2025 14:33

Tgt Ion:112 Resp: 1281989
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.2 75.4
 63 32.9 26.7 40.1

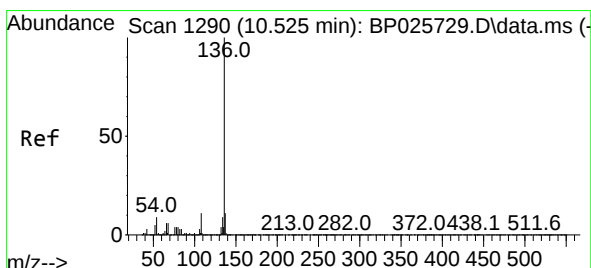
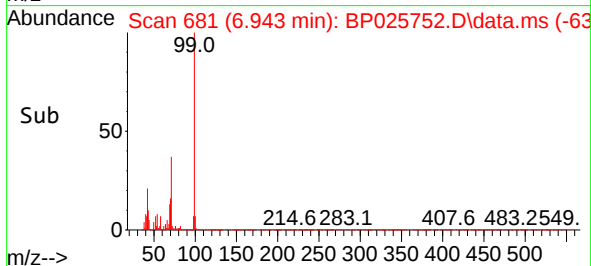
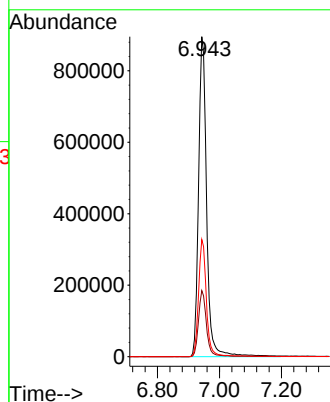
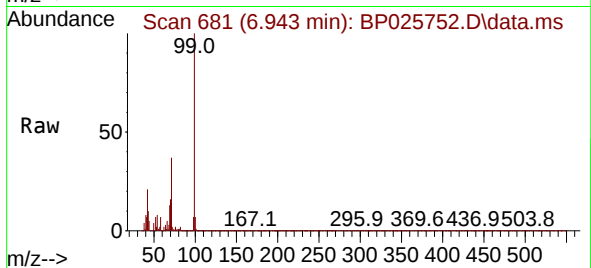




#7
Phenol-d6
Concen: 136.724 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

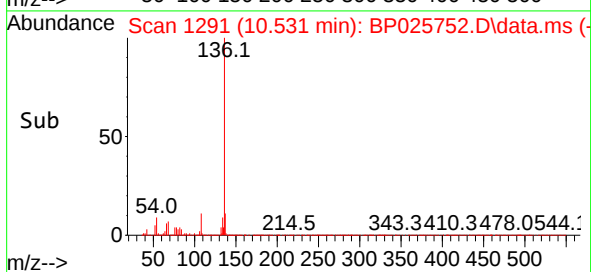
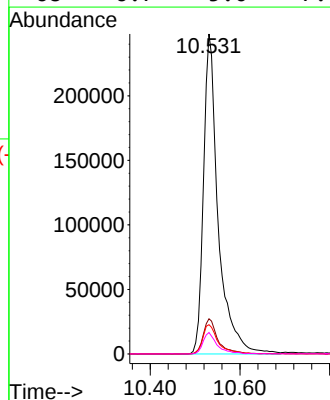
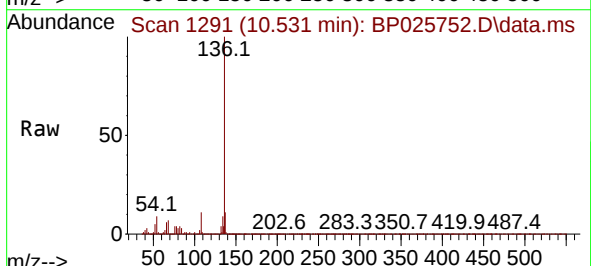
Instrument :
BNA_P
ClientSampleId :
PB169526BL

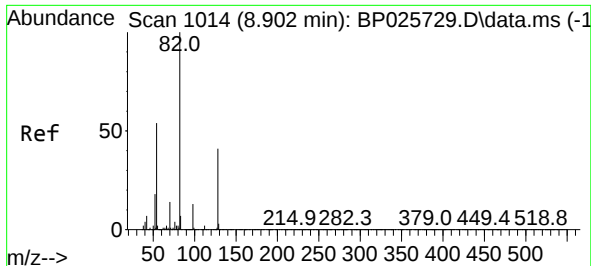
Tgt Ion: 99 Resp: 1622312
Ion Ratio Lower Upper
99 100
42 20.7 15.6 23.4
71 36.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

Tgt Ion:136 Resp: 563063
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.1 7.5 11.3
68 6.7 5.0 7.6

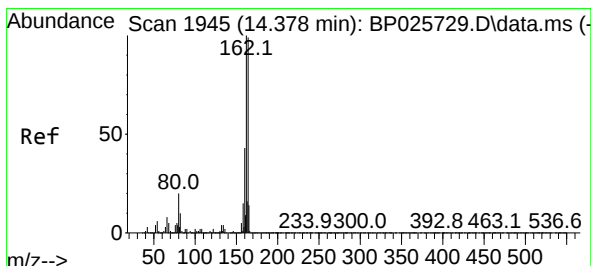
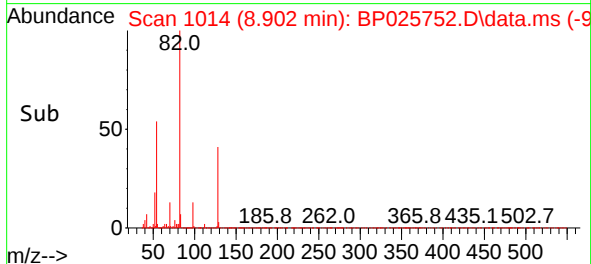
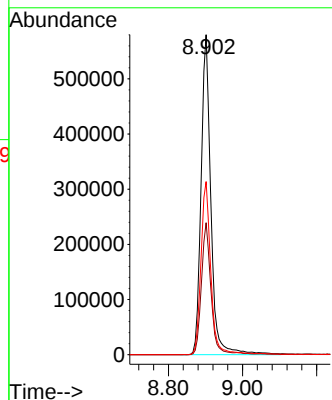
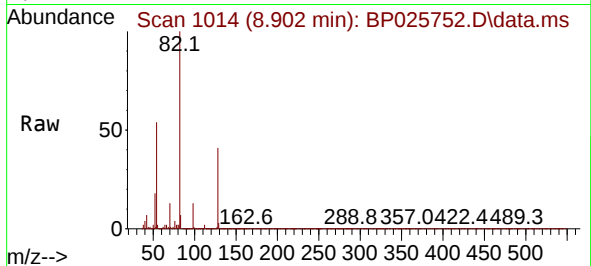




#23
Nitrobenzene-d5
Concen: 83.655 ng
RT: 8.902 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

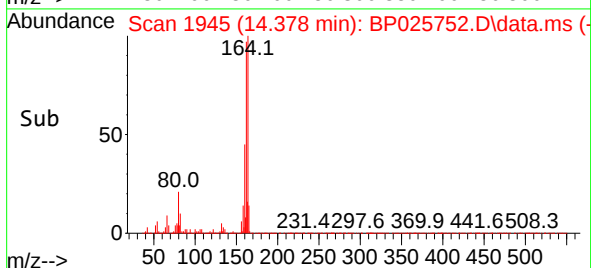
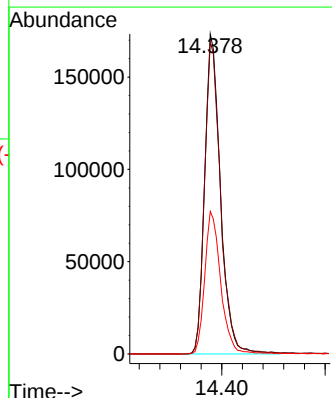
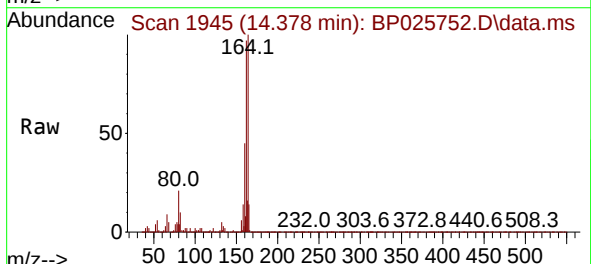
Instrument :
BNA_P
ClientSampleId :
PB169526BL

Tgt Ion: 82 Resp: 1067835
Ion Ratio Lower Upper
82 100
128 41.3 32.9 49.3
54 54.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

Tgt Ion:164 Resp: 367201
Ion Ratio Lower Upper
164 100
162 97.4 80.6 120.8
160 44.6 35.0 52.6

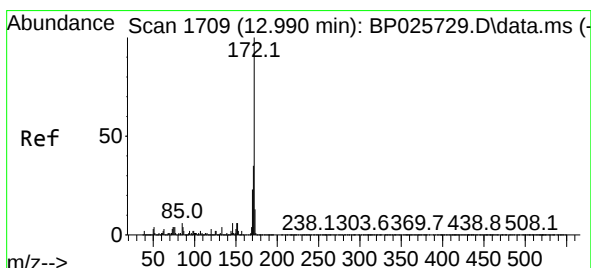
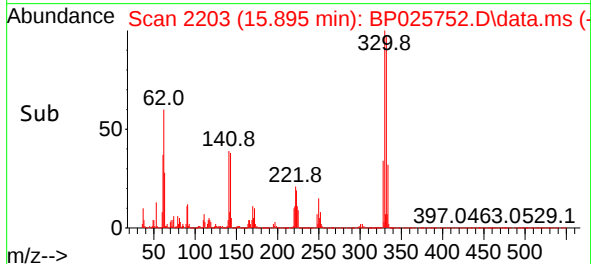
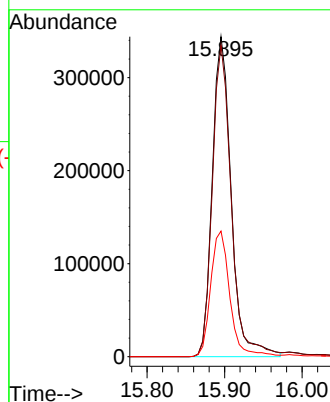
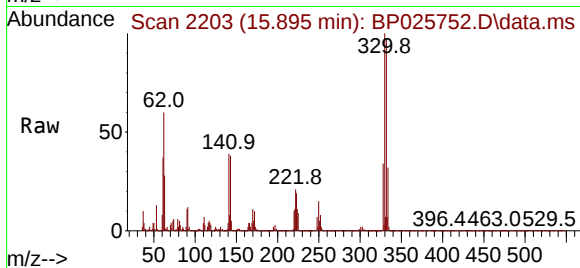




#42
2,4,6-Tribromophenol
Concen: 127.479 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

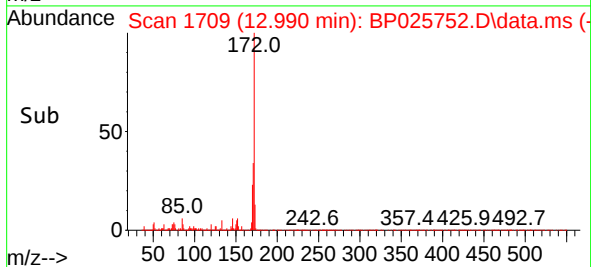
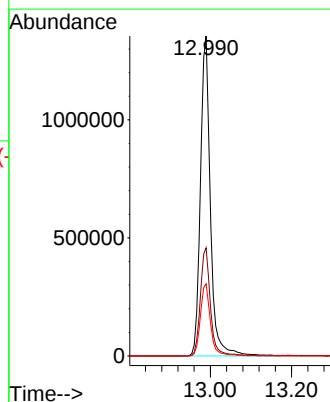
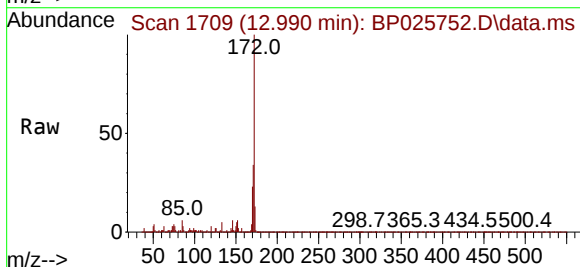
Instrument :
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ClientSampleId :
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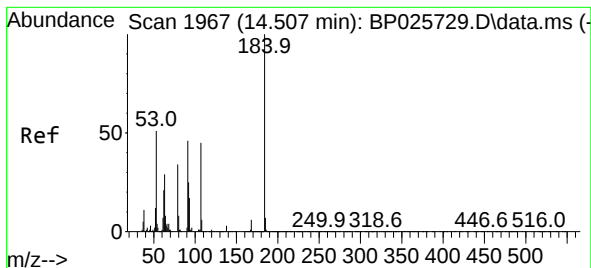
Tgt Ion:330 Resp: 583869
Ion Ratio Lower Upper
330 100
332 99.4 76.9 115.3
141 39.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.241 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

Tgt Ion:172 Resp: 2323179
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.5 18.6 27.8

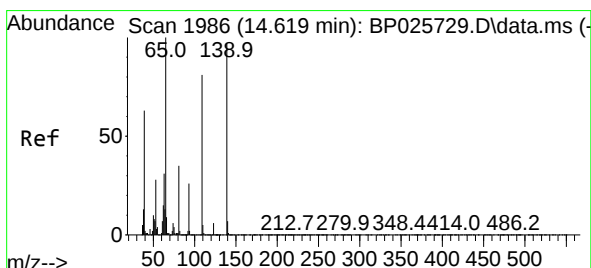
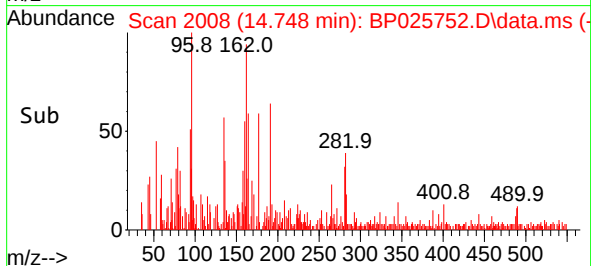
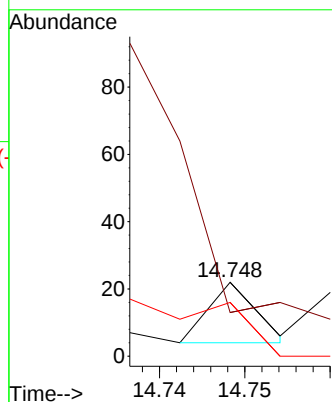
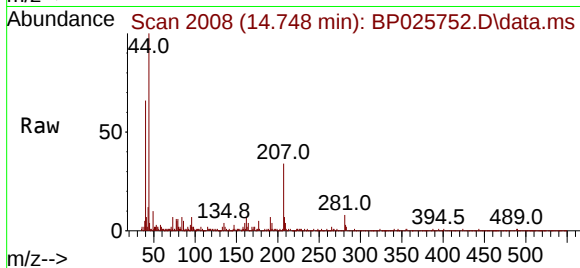




#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.748 min Scan# 20
Delta R.T. 0.241 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

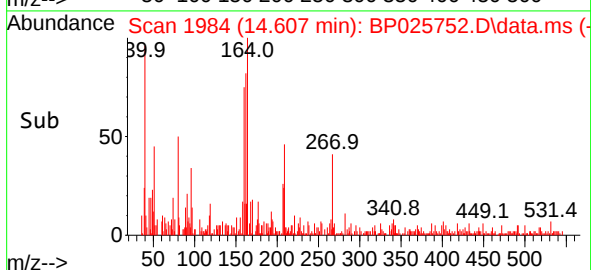
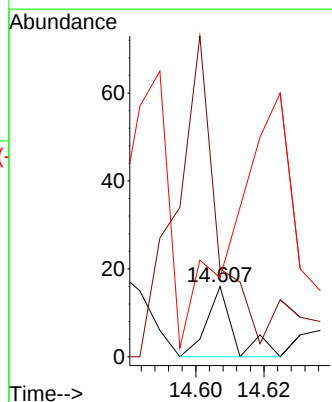
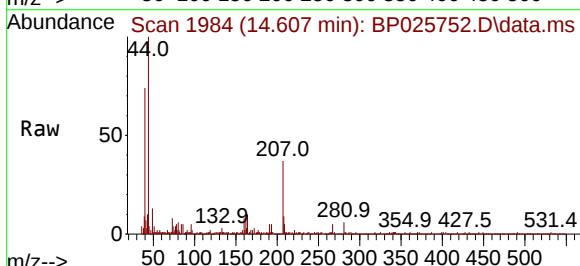
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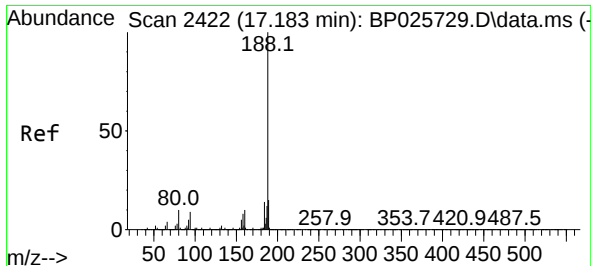
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 59.1 52.5 78.7
154 72.7 51.5 77.3



#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

Tgt Ion:139 Resp: 9
Ion Ratio Lower Upper
139 100
109 125.0 62.9 102.9#
65 156.3 83.4 123.4#

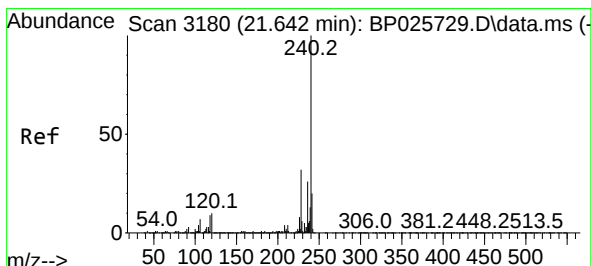
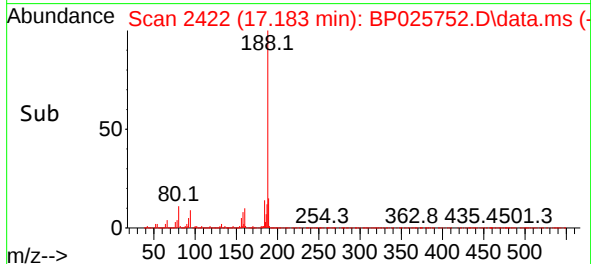
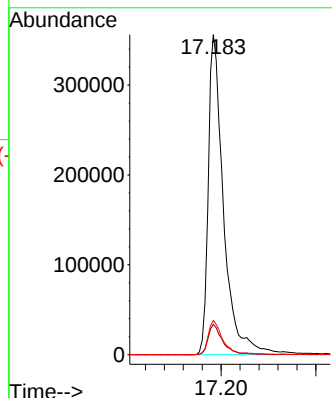
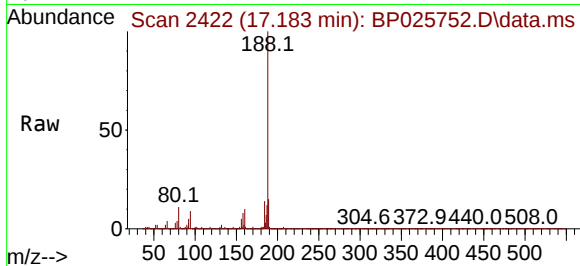




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

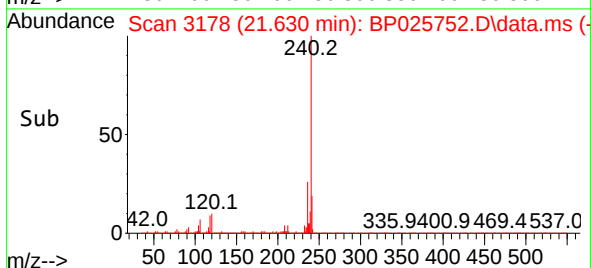
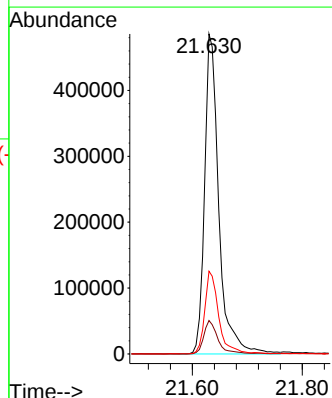
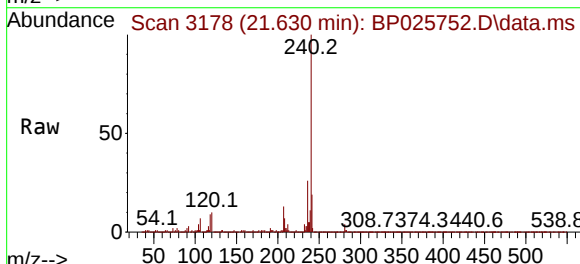
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PB169526BL

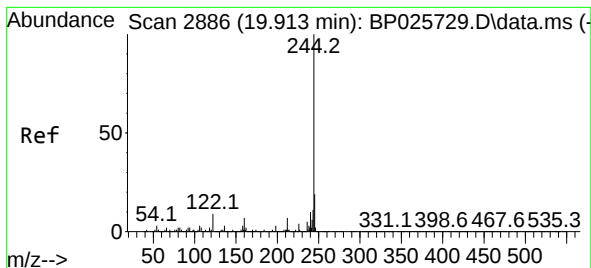
Tgt Ion:188 Resp: 794316
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025752.D
Acq: 15 Sep 2025 14:33

Tgt Ion:240 Resp: 872173
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 82.644 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025752.D

Acq: 15 Sep 2025 14:33

Instrument :

BNA_P

ClientSampleId :

PB169526BL

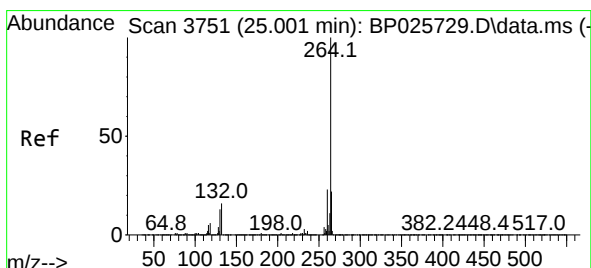
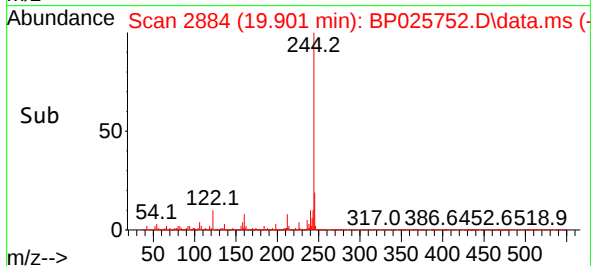
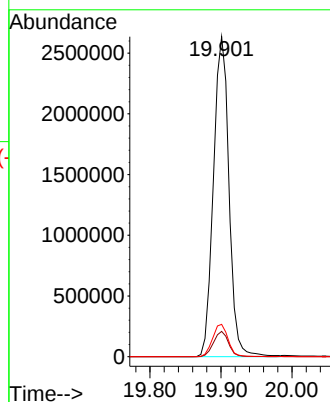
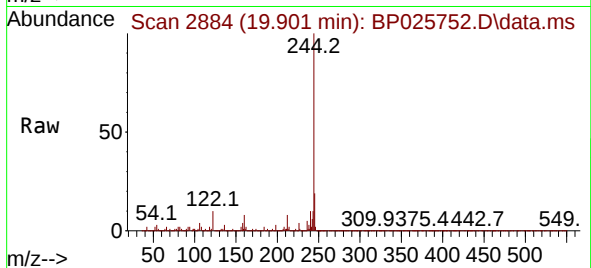
Tgt Ion:244 Resp: 4006675

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.006 min

Lab File: BP025752.D

Acq: 15 Sep 2025 14:33

Tgt Ion:264 Resp: 888875

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.4 17.3 25.9

