

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025780.D
 Acq On : 18 Sep 2025 11:15
 Operator : CG/JU
 Sample : PB169718BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169718BL

Quant Time: Sep 18 14:53:40 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)

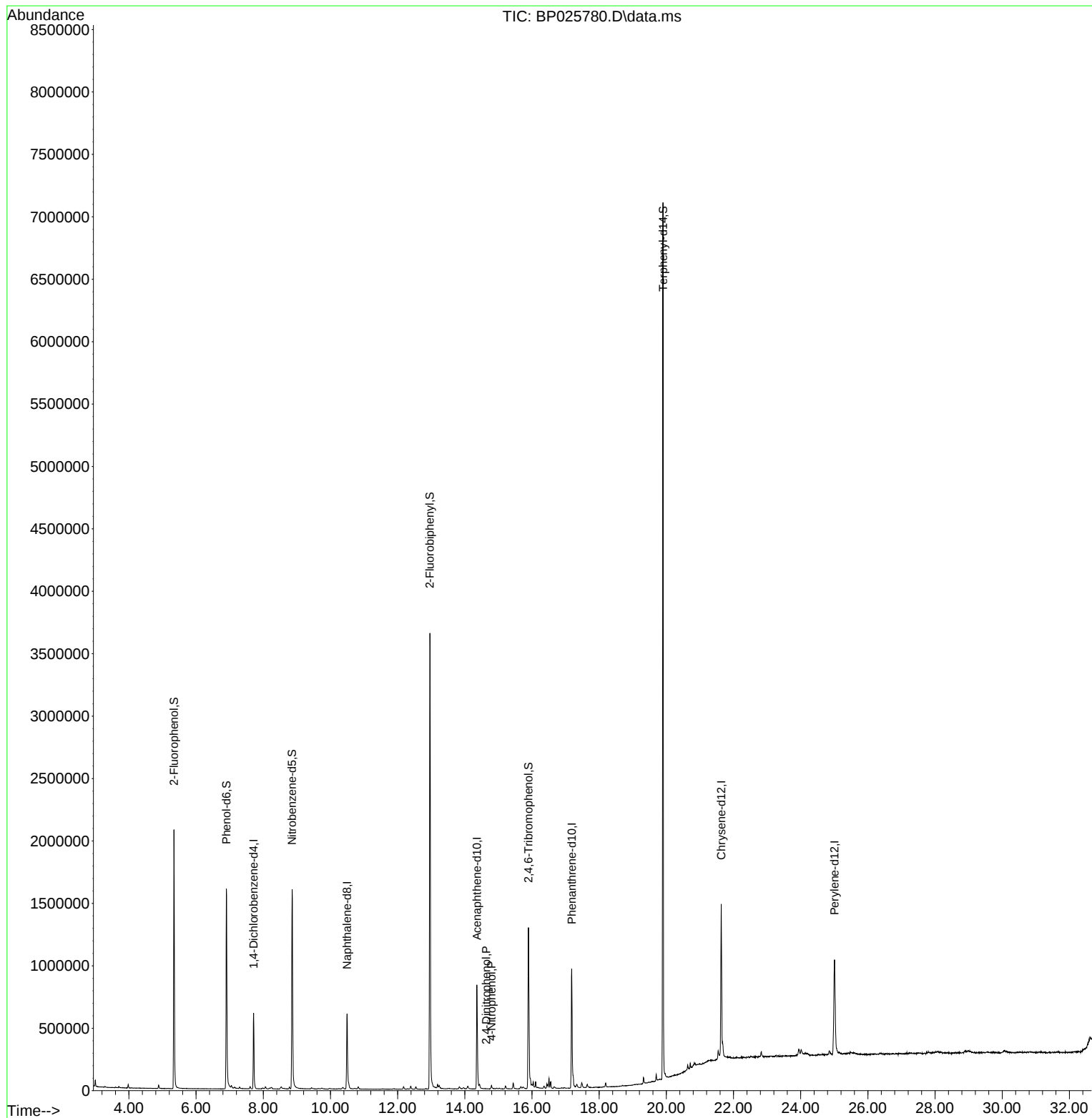
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	159771	20.000	ng	-0.05
21) Naphthalene-d8	10.495	136	583389	20.000	ng	-0.03
39) Acenaphthene-d10	14.360	164	363023	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	719395	20.000	ng	0.00
76) Chrysene-d12	21.636	240	801932	20.000	ng	0.00
86) Perylene-d12	25.006	264	901065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	880255	88.898	ng	-0.04
7) Phenol-d6	6.901	99	1063815	80.829	ng	-0.05
23) Nitrobenzene-d5	8.860	82	1078397	81.539	ng	-0.04
42) 2,4,6-Tribromophenol	15.895	330	342132	75.559	ng	-0.01
45) 2-Fluorobiphenyl	12.960	172	2216996	81.316	ng	-0.03
79) Terphenyl-d14	19.901	244	3514266	78.836	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.636	184	8	4.826	ng	Qvalue 92
56) 4-Nitrophenol	14.795	139	7455	5.806	ng	# 5

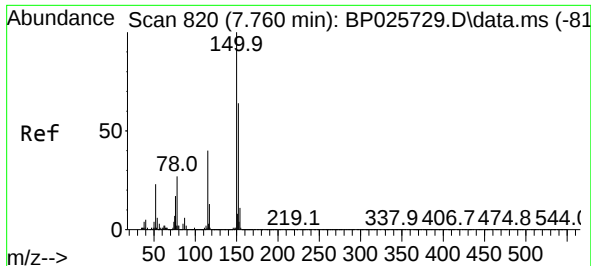
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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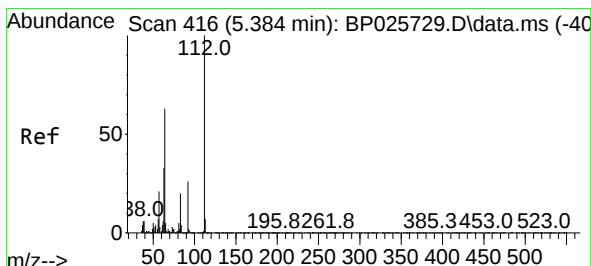
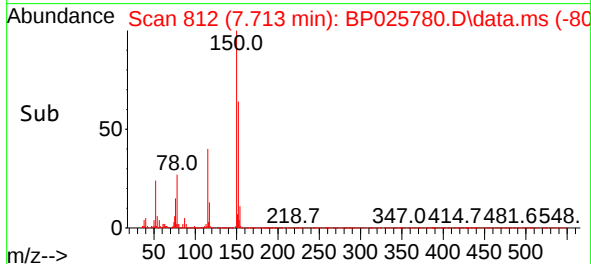
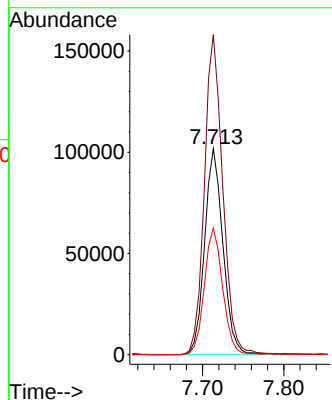
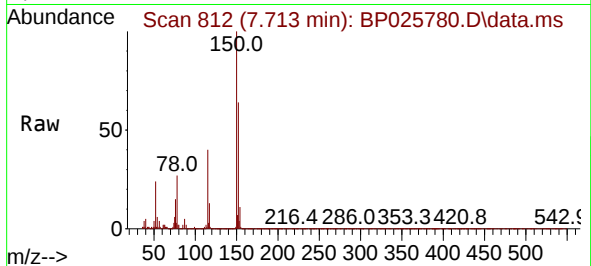




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

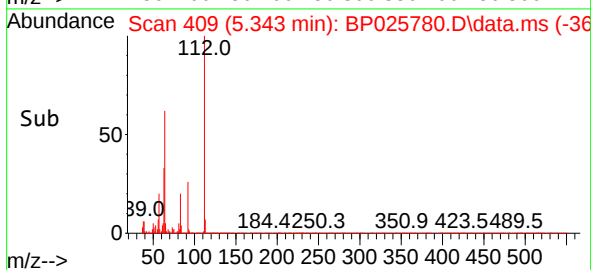
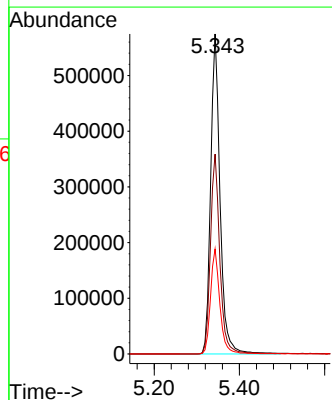
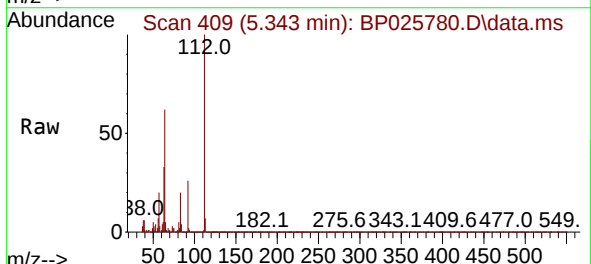
Instrument :
BNA_P
ClientSampleId :
PB169718BL

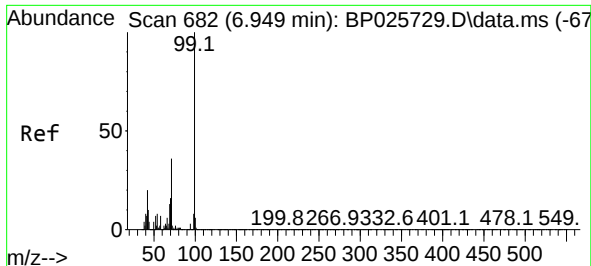
Tgt Ion:152 Resp: 159771
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 61.5 50.3 75.5



#5
2-Fluorophenol
Concen: 88.898 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:112 Resp: 880255
Ion Ratio Lower Upper
112 100
64 62.4 50.2 75.4
63 32.8 26.7 40.1

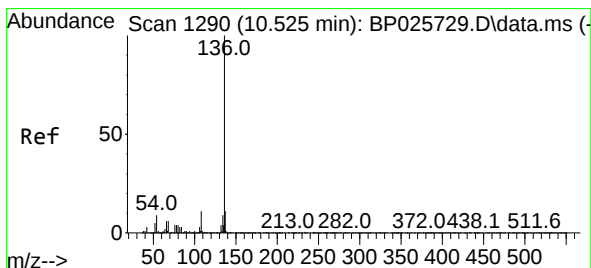
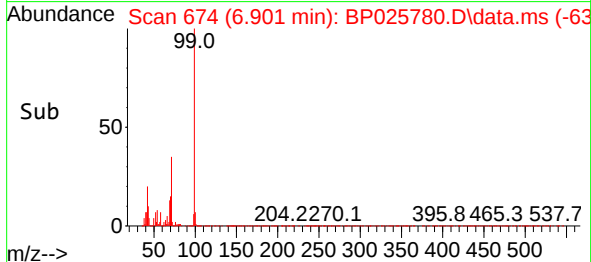
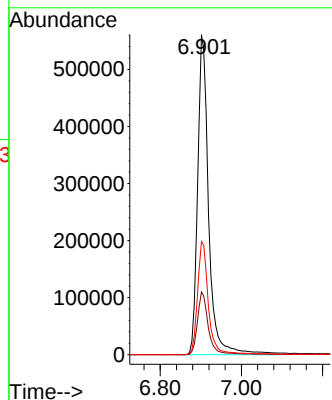
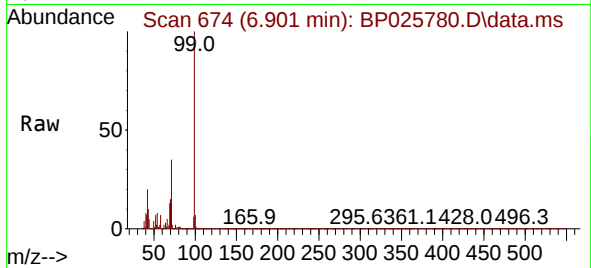




#7
Phenol-d6
Concen: 80.829 ng
RT: 6.901 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

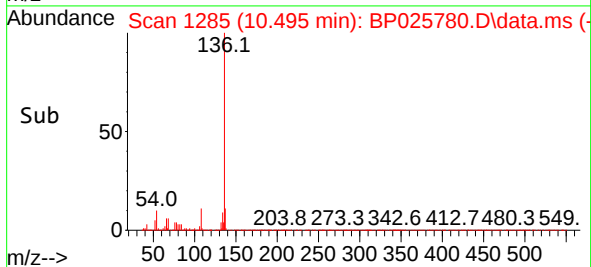
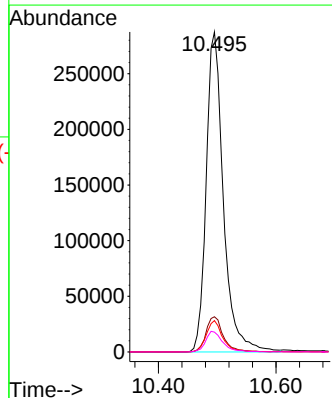
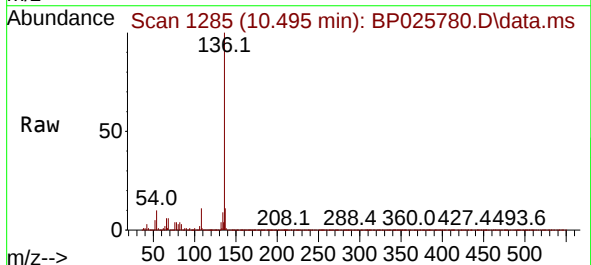
Instrument :
BNA_P
ClientSampleId :
PB169718BL

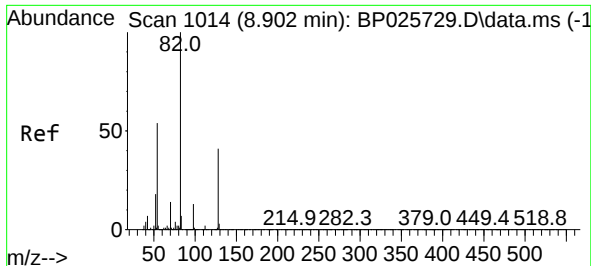
Tgt Ion: 99 Resp: 1063815
Ion Ratio Lower Upper
99 100
42 19.6 15.6 23.4
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.495 min Scan# 1285
Delta R.T. -0.030 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion: 136 Resp: 583389
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.8 7.5 11.3
68 6.2 5.0 7.6

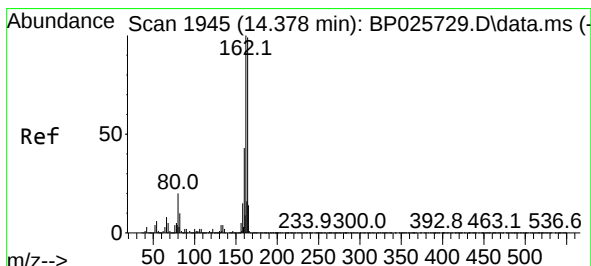
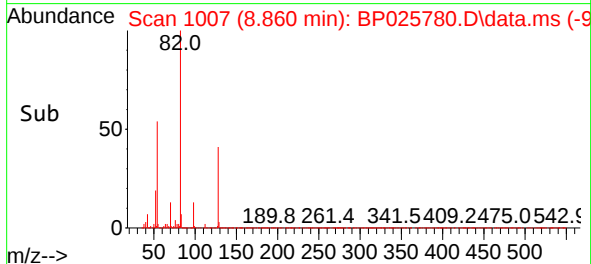
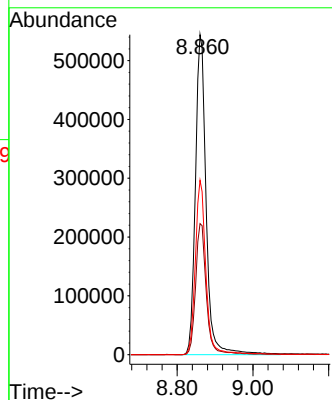
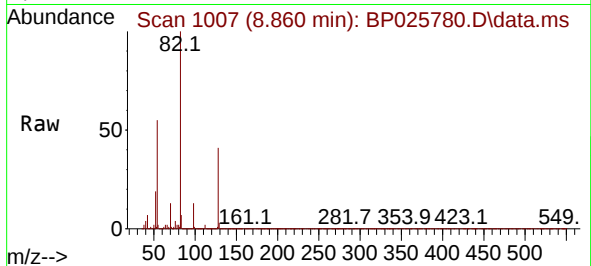




#23
Nitrobenzene-d5
Concen: 81.539 ng
RT: 8.860 min Scan# 1014
Delta R.T. -0.041 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

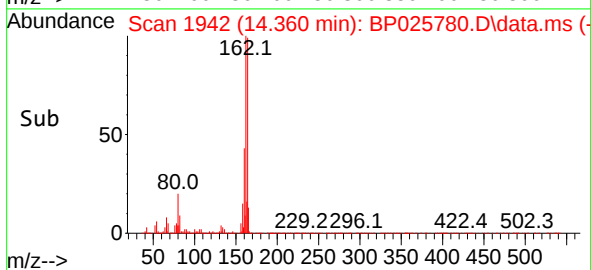
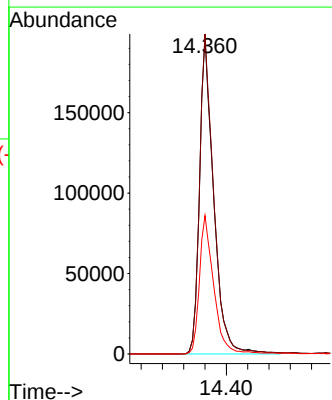
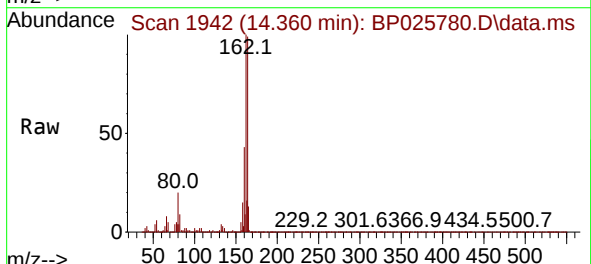
Instrument :
BNA_P
ClientSampleId :
PB169718BL

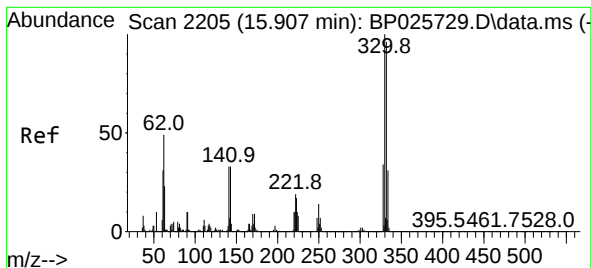
Tgt Ion: 82 Resp: 1078397
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 54.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:164 Resp: 363023
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 43.6 35.0 52.6

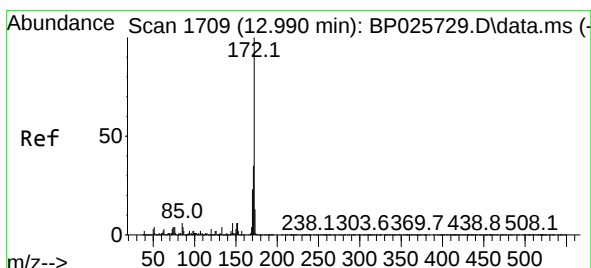
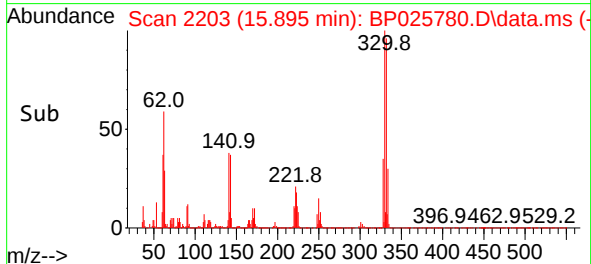
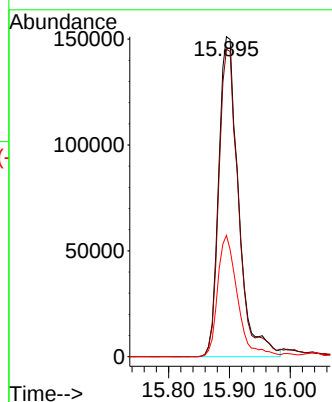
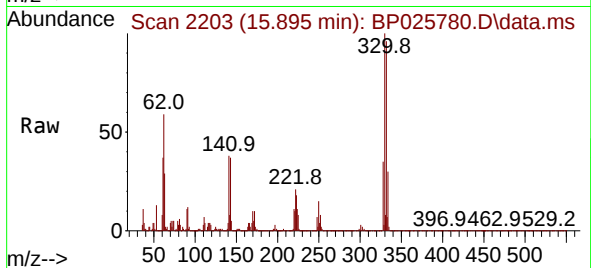




#42
2,4,6-Tribromophenol
Concen: 75.559 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

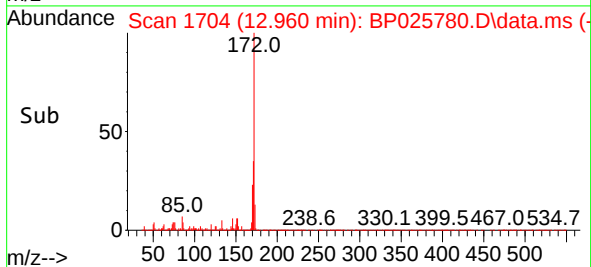
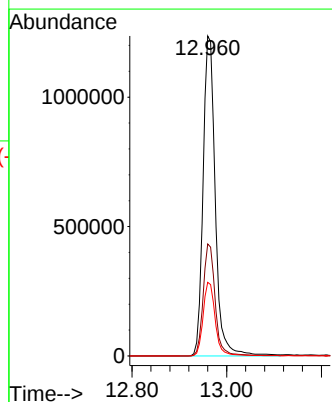
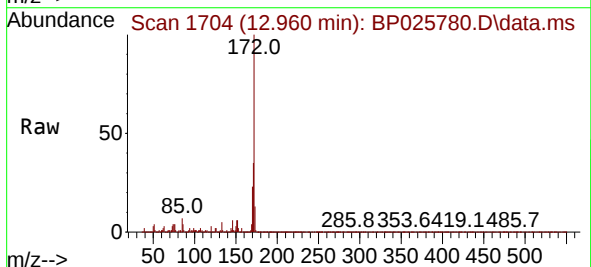
Instrument :
BNA_P
ClientSampleId :
PB169718BL

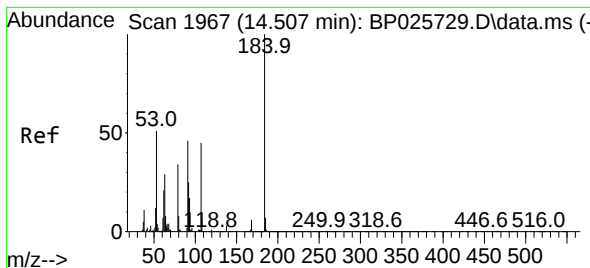
Tgt Ion:330 Resp: 342132
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 37.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.030 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:172 Resp: 2216996
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.0 18.6 27.8

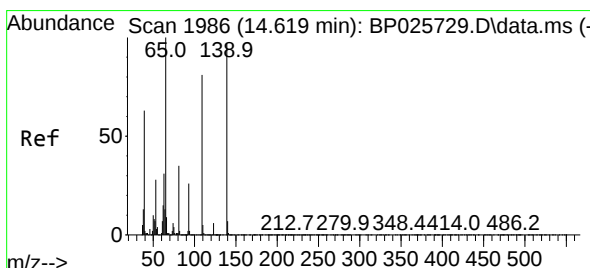
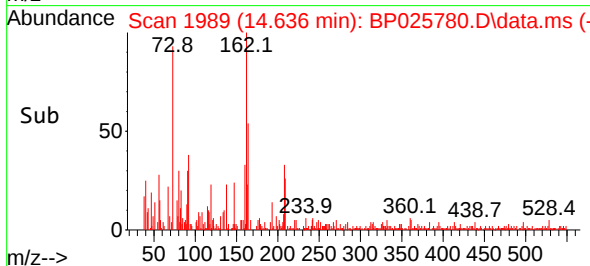
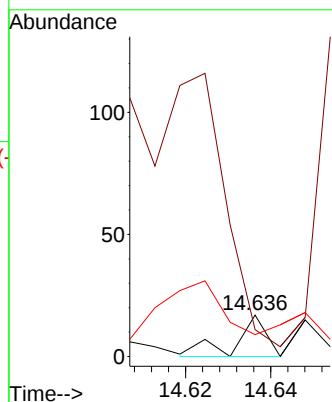
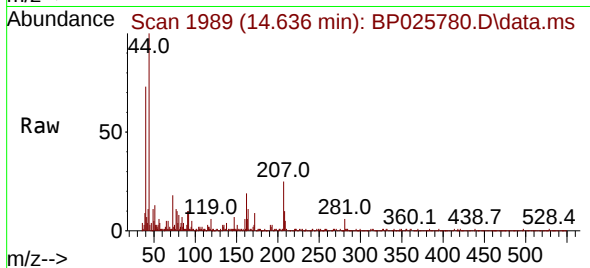




#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.636 min Scan# 1967
Delta R.T. 0.129 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

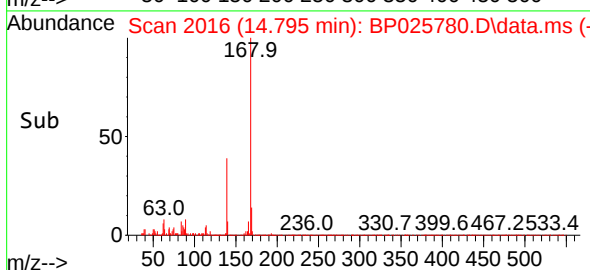
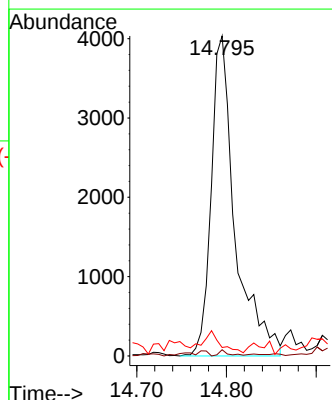
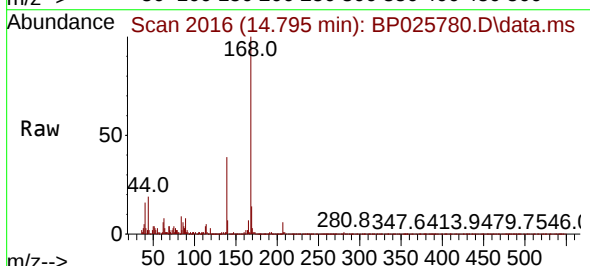
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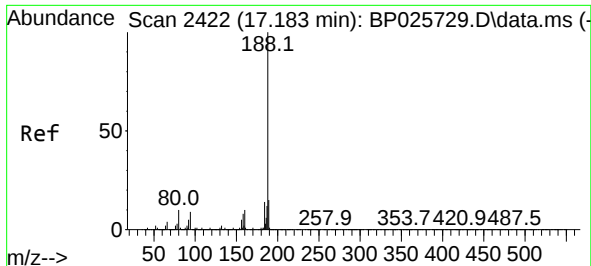
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 64.7 52.5 78.7
154 52.9 51.5 77.3



#56
4-Nitrophenol
Concen: 5.806 ng
RT: 14.795 min Scan# 2016
Delta R.T. 0.176 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:139 Resp: 7455
Ion Ratio Lower Upper
139 100
109 2.0 62.9 102.9#
65 2.6 83.4 123.4#

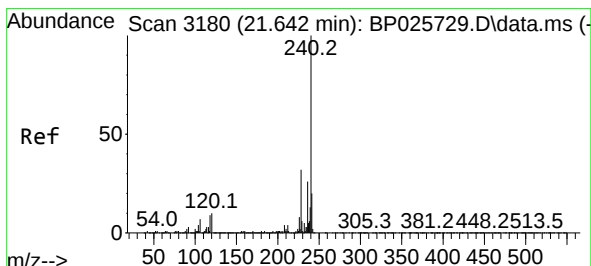
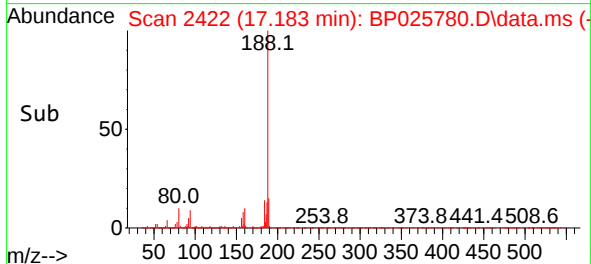
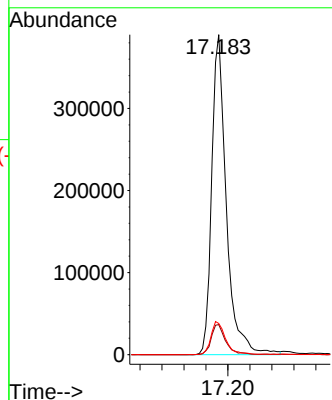
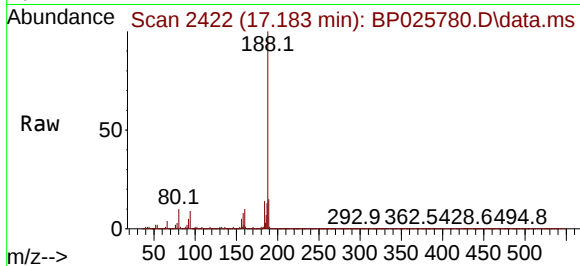




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

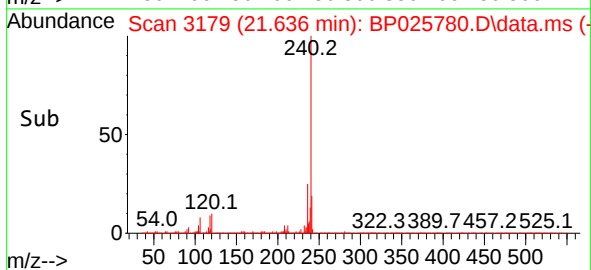
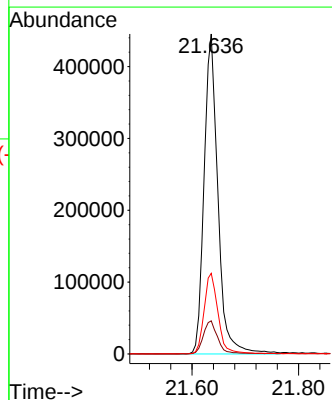
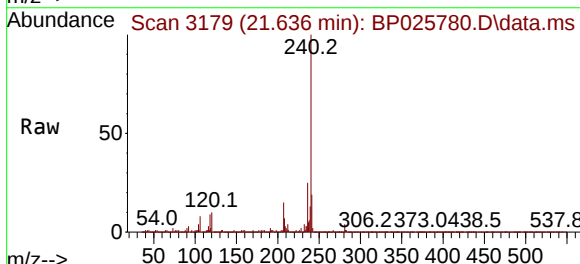
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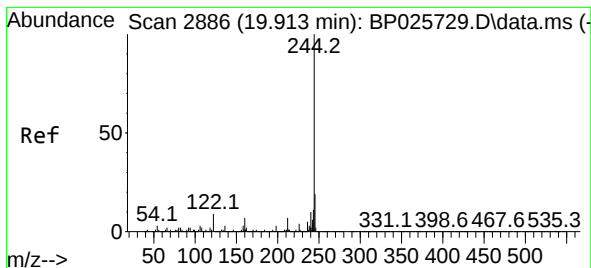
Tgt Ion:188 Resp: 719395
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:240 Resp: 801932
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 78.836 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025780.D

Acq: 18 Sep 2025 11:15

Instrument :

BNA_P

ClientSampleId :

PB169718BL

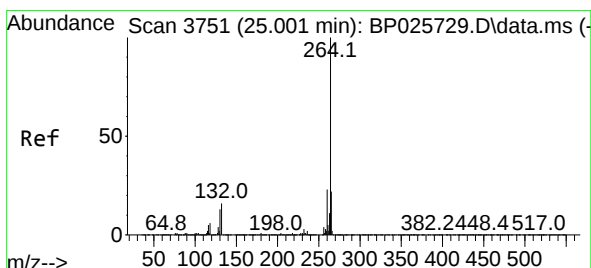
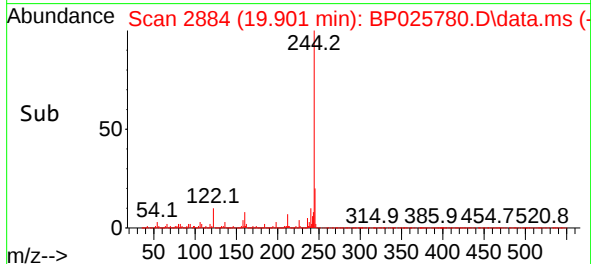
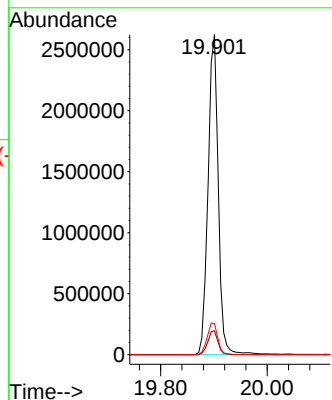
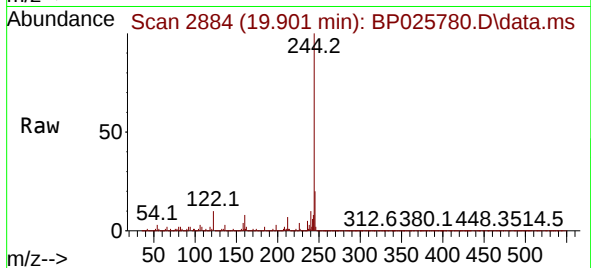
Tgt Ion:244 Resp: 3514266

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.8 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. 0.006 min

Lab File: BP025780.D

Acq: 18 Sep 2025 11:15

Tgt Ion:264 Resp: 901065

Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 22.5 17.3 25.9

