

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025841.D
 Acq On : 24 Sep 2025 11:39
 Operator : CG/JU
 Sample : PB169765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 12:04:54 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)

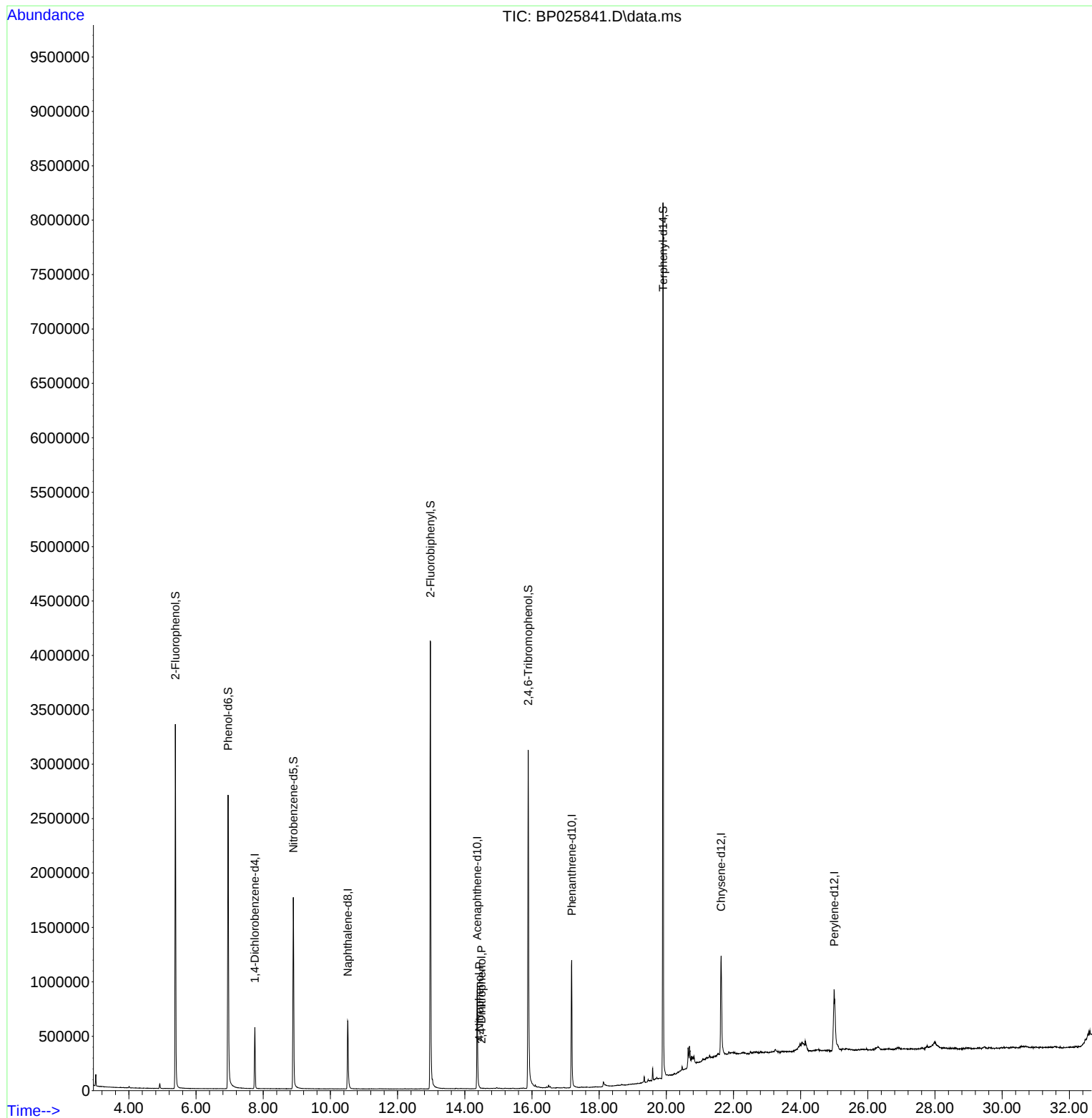
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	155837	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	591496	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	390731	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	826352	20.000	ng	0.00
76) Chrysene-d12	21.630	240	805187	20.000	ng	-0.01
86) Perylene-d12	25.001	264	846351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1439418	149.038	ng	0.00
7) Phenol-d6	6.955	99	1822691	141.984	ng	0.00
23) Nitrobenzene-d5	8.896	82	1126887	84.038	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	783312	160.726	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2561935	87.304	ng	-0.01
79) Terphenyl-d14	19.901	244	4171012	93.191	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.495	184	32	4.832	ng	# 1
56) 4-Nitrophenol	14.431	139	49	4.490	ng	92

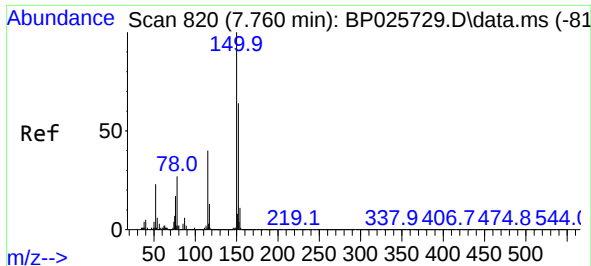
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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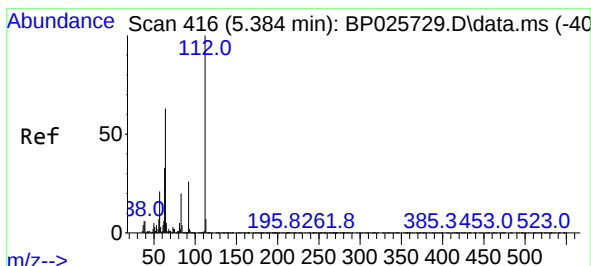
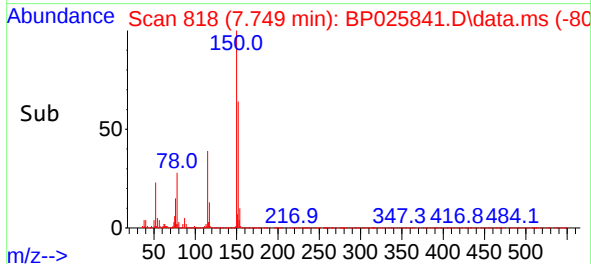
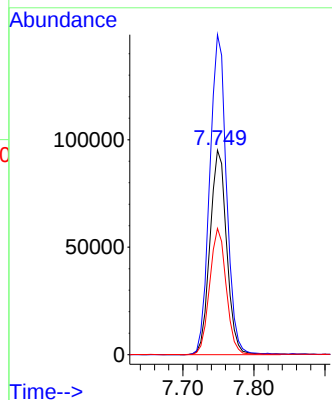
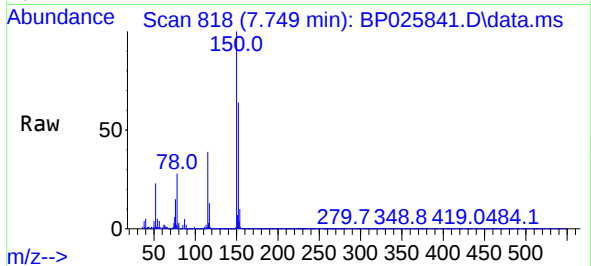




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

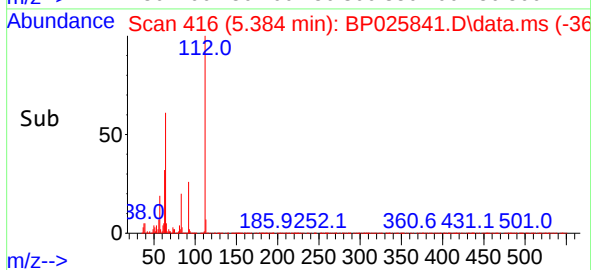
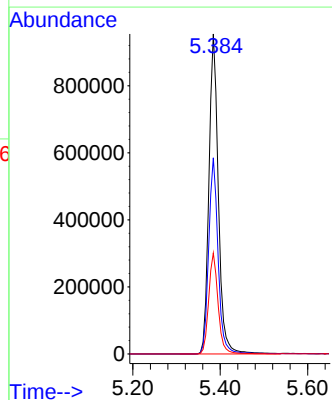
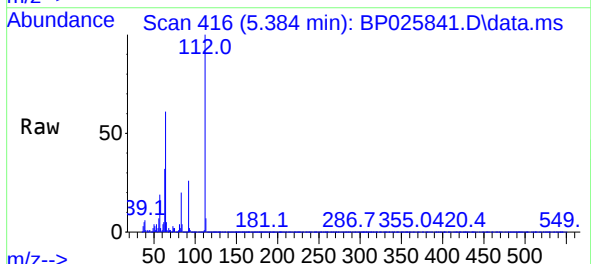
Instrument :
BNA_P
ClientSampleId :

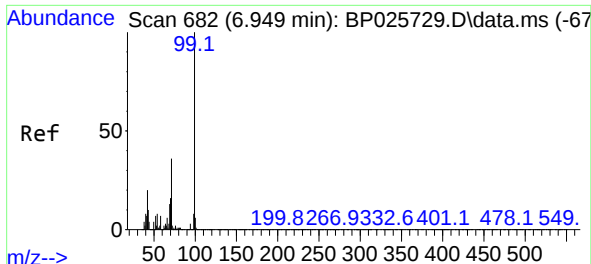
Tgt Ion:152 Resp: 155837
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 61.8 50.3 75.5



#5
2-Fluorophenol
Concen: 149.038 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Tgt Ion:112 Resp: 1439418
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.4
63 31.5 26.7 40.1

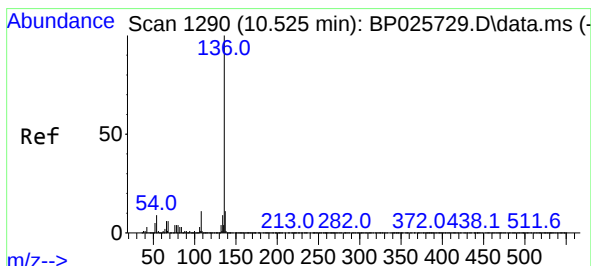
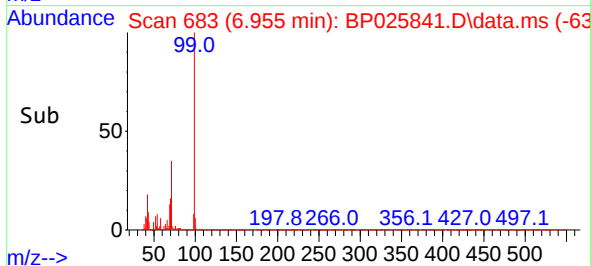
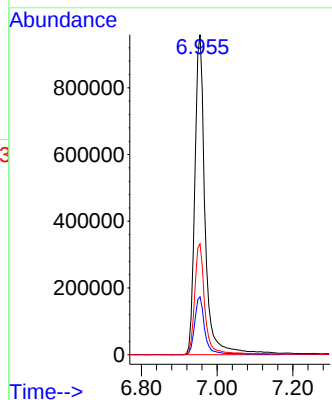
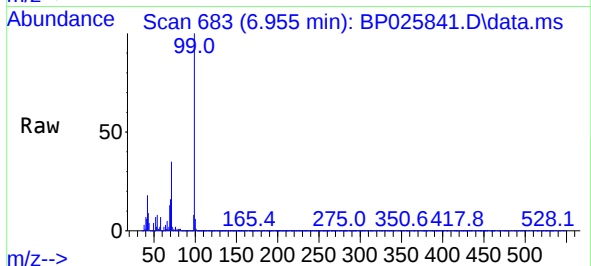




#7
Phenol-d6
Concen: 141.984 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

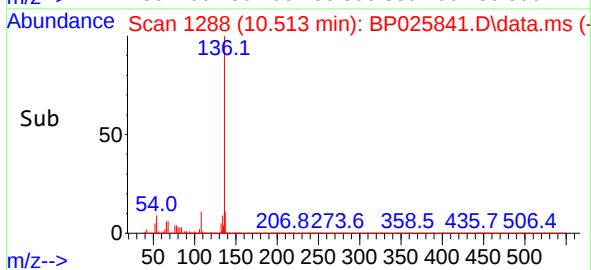
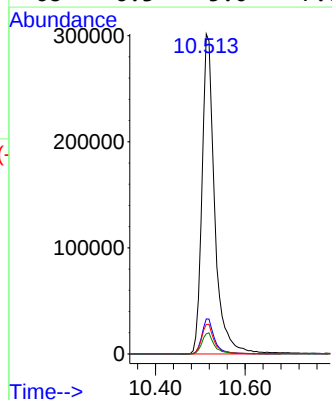
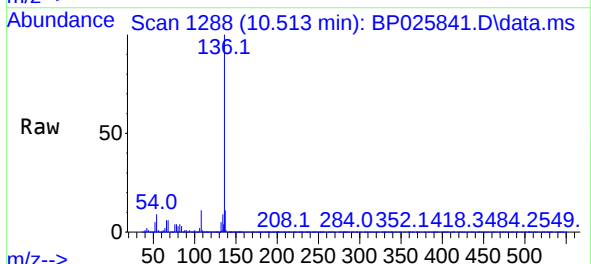
Instrument :
BNA_P
ClientSampleId :

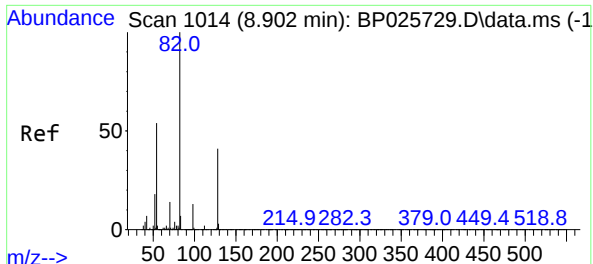
Tgt Ion: 99 Resp: 1822691
Ion Ratio Lower Upper
99 100
42 18.1 15.6 23.4
71 34.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Tgt Ion:136 Resp: 591496
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.5 11.3
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 84.038 ng

RT: 8.896 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP025841.D

Acq: 24 Sep 2025 11:39

Instrument :

BNA_P

ClientSampleId :

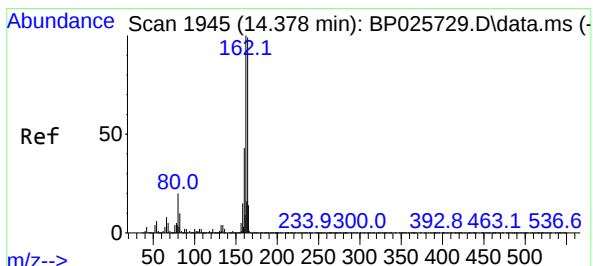
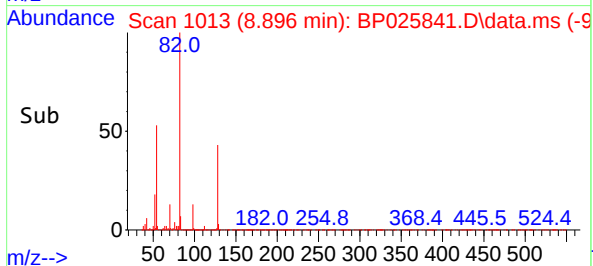
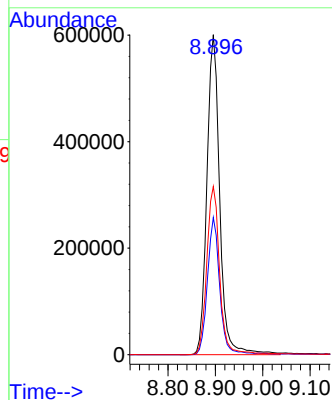
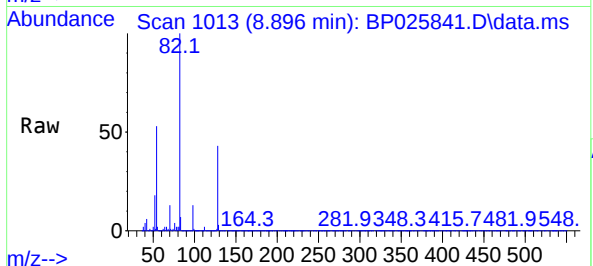
Tgt Ion: 82 Resp: 1126887

Ion Ratio Lower Upper

82 100

128 42.9 32.9 49.3

54 52.6 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP025841.D

Acq: 24 Sep 2025 11:39

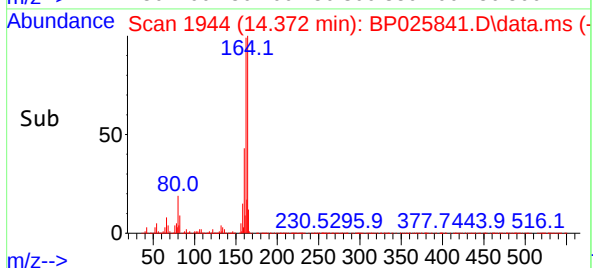
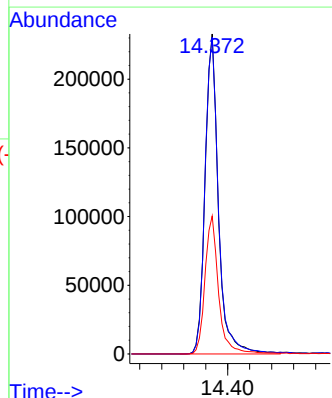
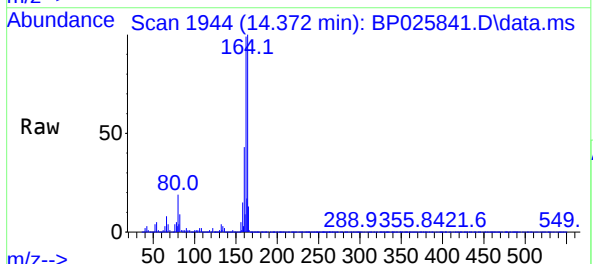
Tgt Ion:164 Resp: 390731

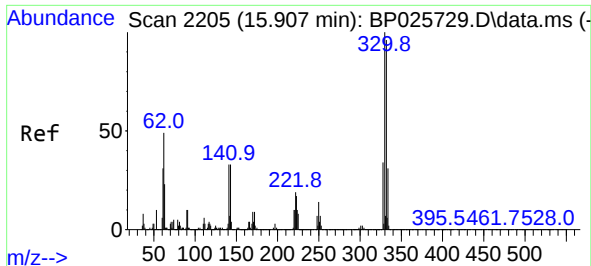
Ion Ratio Lower Upper

164 100

162 99.0 80.6 120.8

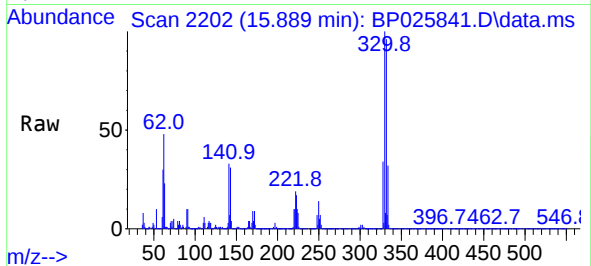
160 43.1 35.0 52.6



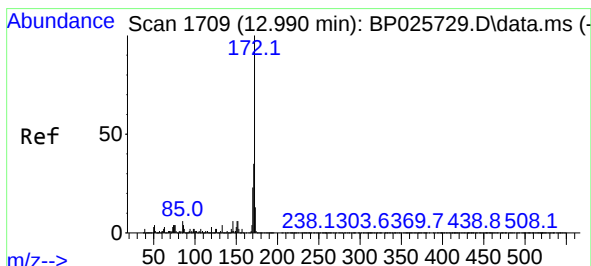
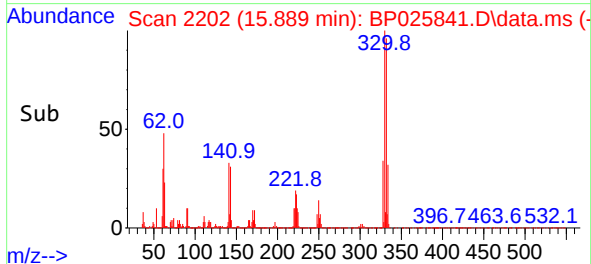
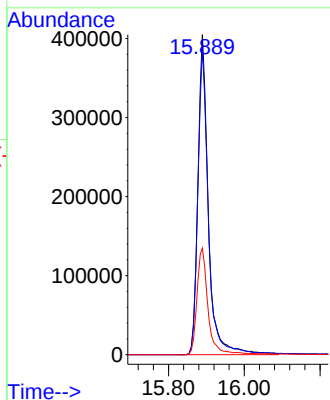


#42
2,4,6-Tribromophenol
Concen: 160.726 ng
RT: 15.889 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Instrument :
BNA_P
ClientSampleId :

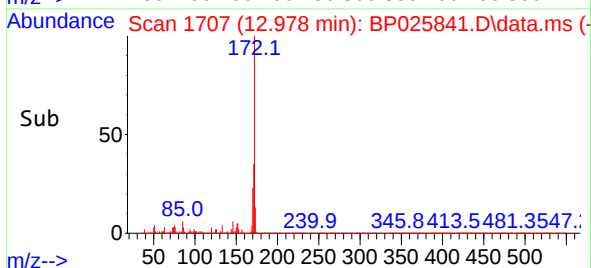
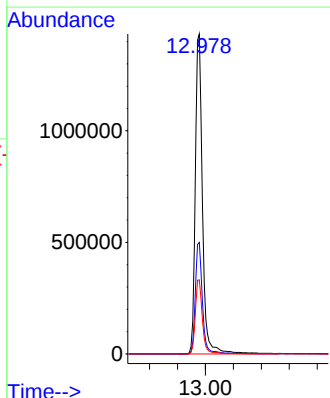
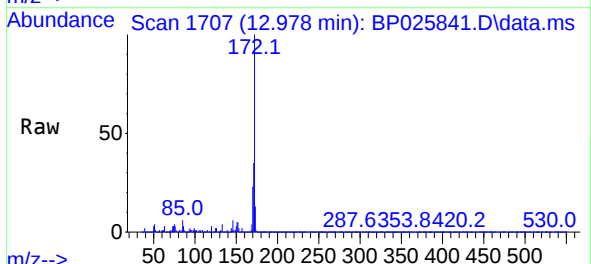


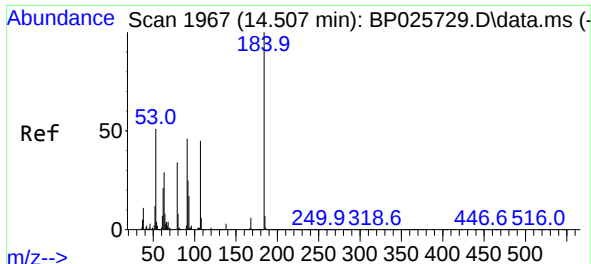
Tgt Ion:330 Resp: 783312
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 35.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 87.304 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Tgt Ion:172 Resp: 2561935
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.1 18.6 27.8

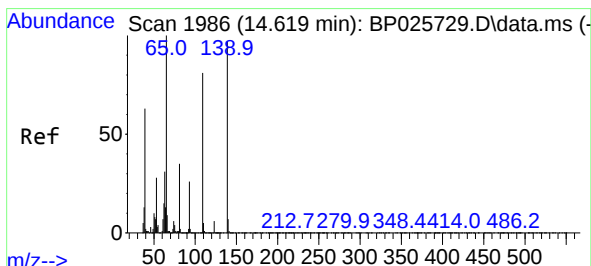
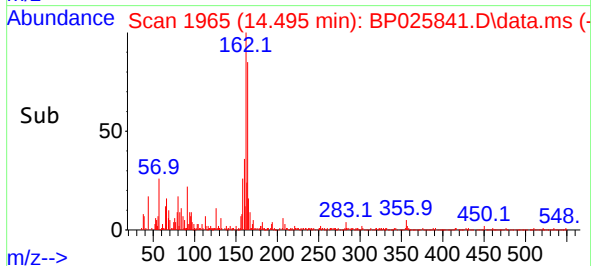
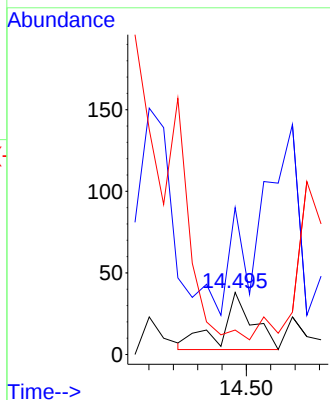
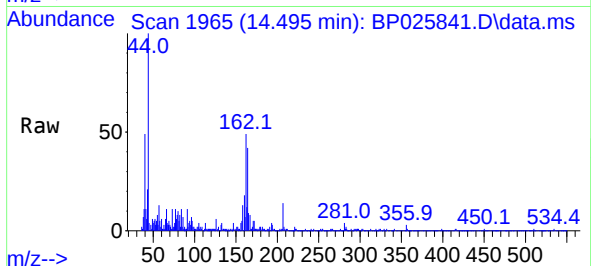




#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

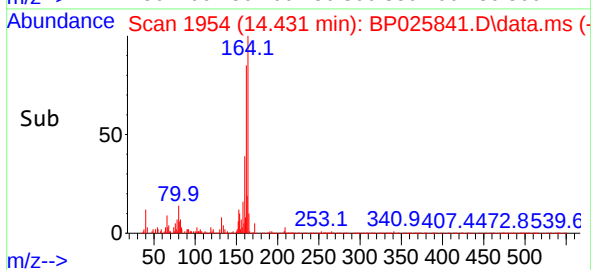
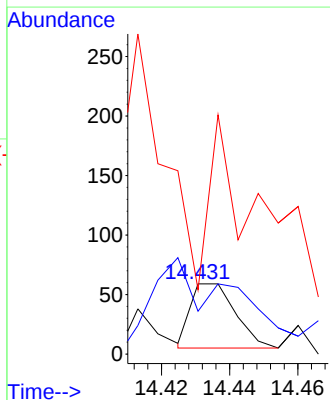
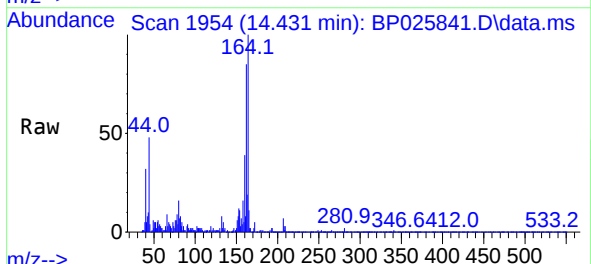
Instrument :
BNA_P
ClientSampleId :

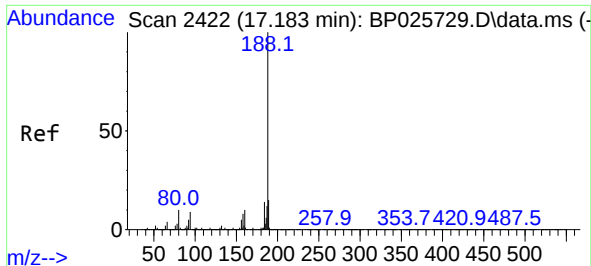
Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 236.8 52.5 78.7#
154 39.5 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.490 ng
RT: 14.431 min Scan# 1954
Delta R.T. -0.188 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Tgt Ion:139 Resp: 49
Ion Ratio Lower Upper
139 100
109 79.7 62.9 102.9
65 91.5 83.4 123.4

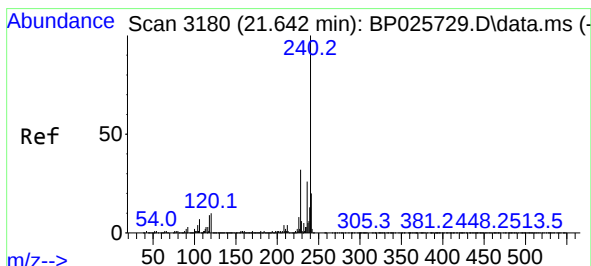
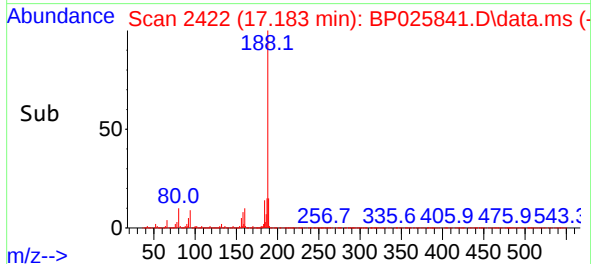
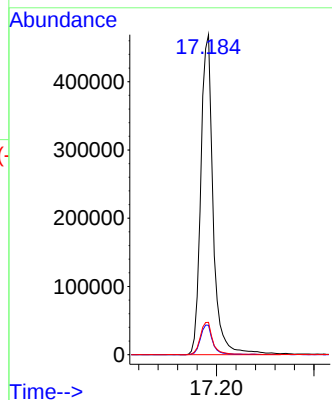
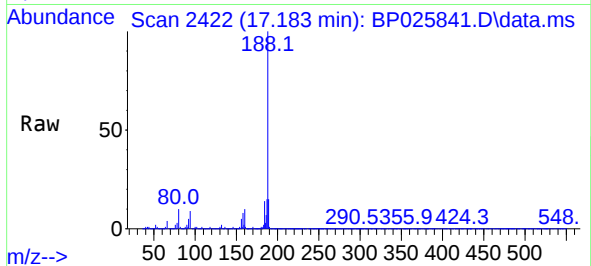




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

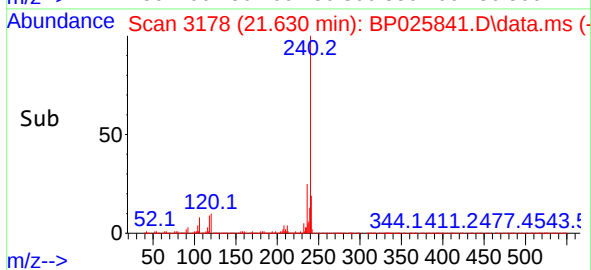
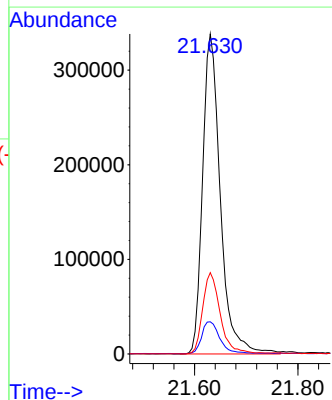
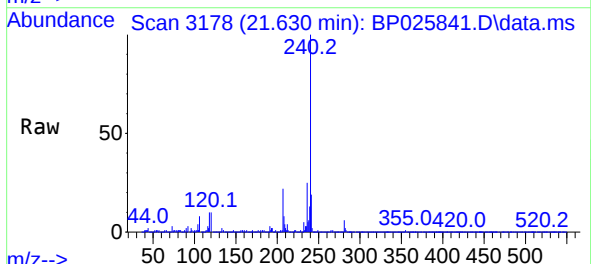
Instrument :
BNA_P
ClientSampleId :

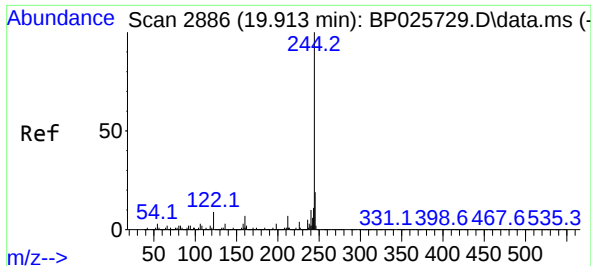
Tgt Ion:188 Resp: 826352
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

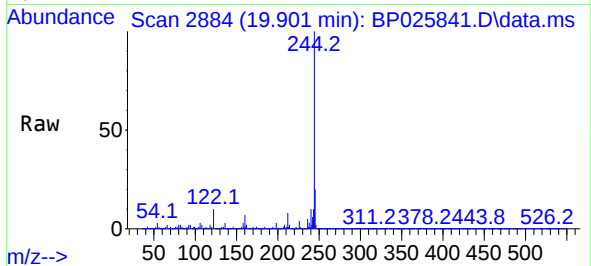
Tgt Ion:240 Resp: 805187
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.4 20.7 31.1



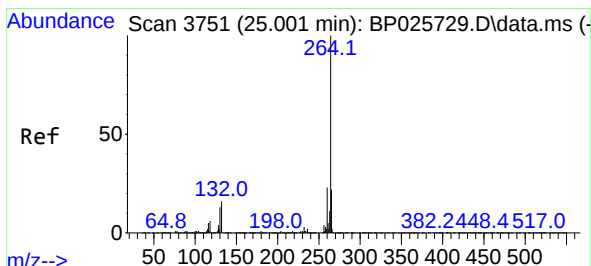
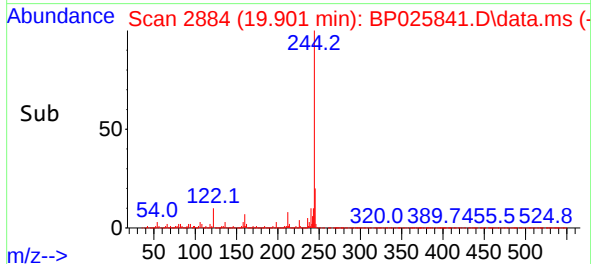
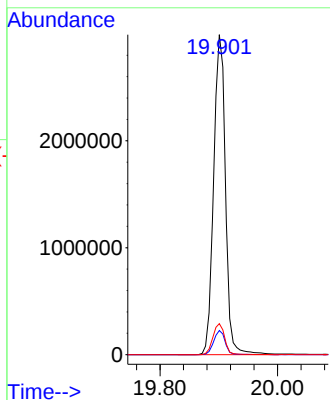


#79
Terphenyl-d14
Concen: 93.191 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:244 Resp: 4171012
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 9.7 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. 0.000 min
Lab File: BP025841.D
Acq: 24 Sep 2025 11:39

Tgt Ion:264 Resp: 846351
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.1 17.3 25.9

