

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025930.D
 Acq On : 06 Oct 2025 19:45
 Operator : CG/JU
 Sample : Q3269-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EG1-TP2

Quant Time: Oct 07 02:07:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

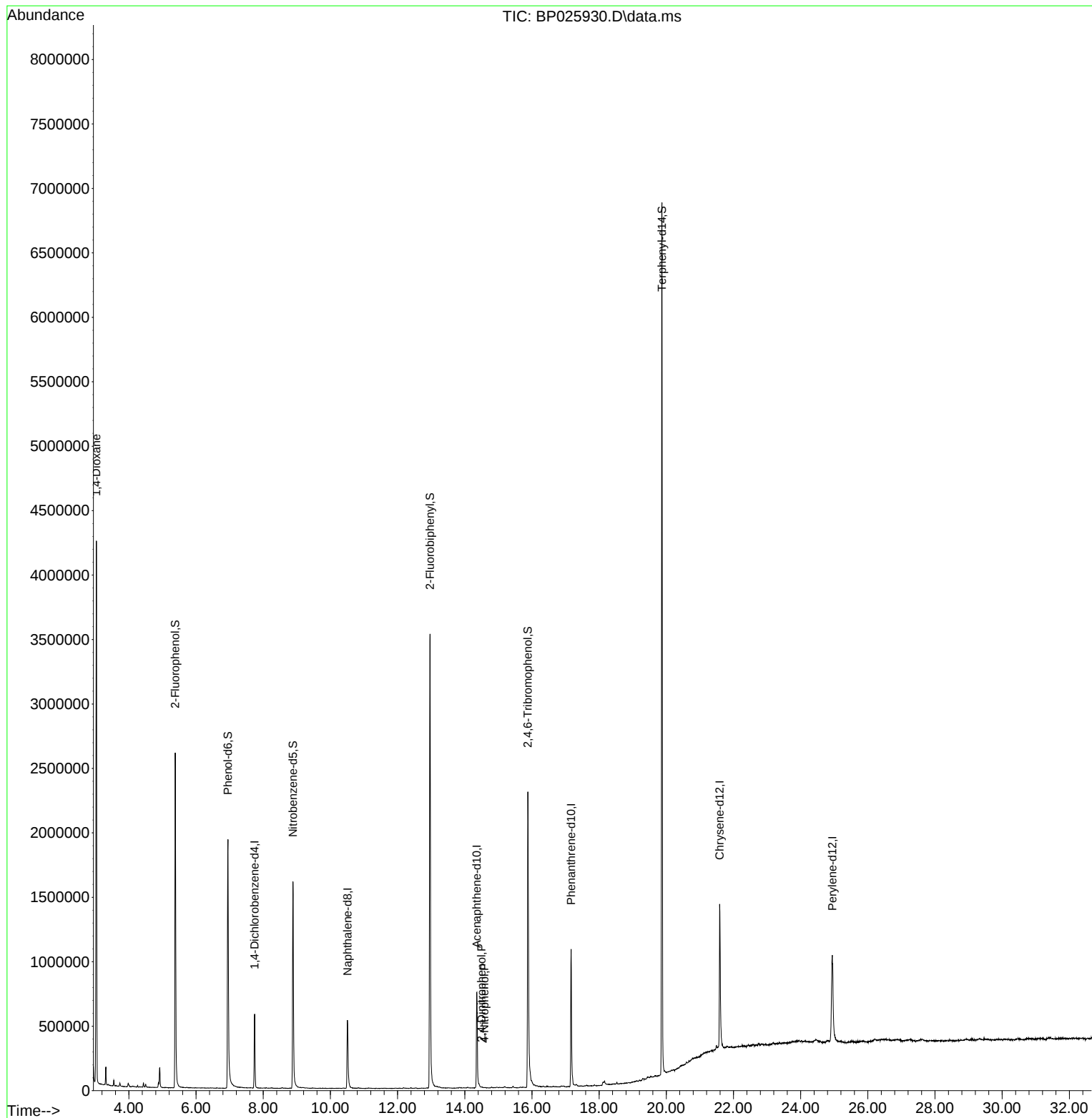
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	164087	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	602108	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	371070	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	746802	20.000	ng	-0.02
76) Chrysene-d12	21.589	240	848628	20.000	ng	-0.05
86) Perylene-d12	24.942	264	940473	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1292285	127.077	ng	0.00
7) Phenol-d6	6.949	99	1483694	109.766	ng	0.00
23) Nitrobenzene-d5	8.884	82	1075770	78.812	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	672600	145.321	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2373113	85.154	ng	-0.02
79) Terphenyl-d14	19.872	244	3874186	82.128	ng	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.031	88	33385	7.822	ng	# 1
54) 2,4-Dinitrophenol	14.495	184	17	4.828	ng	# 1
56) 4-Nitrophenol	14.584	139	213	4.519	ng	# 55

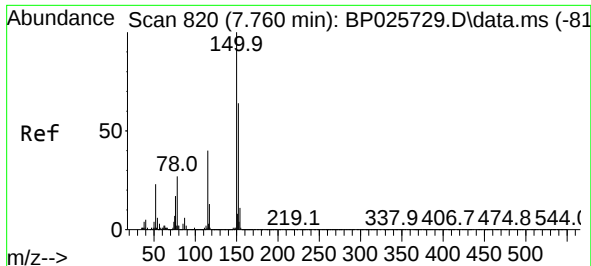
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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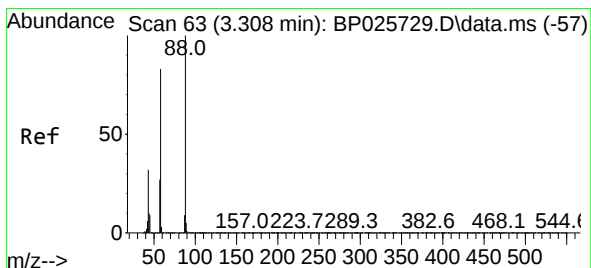
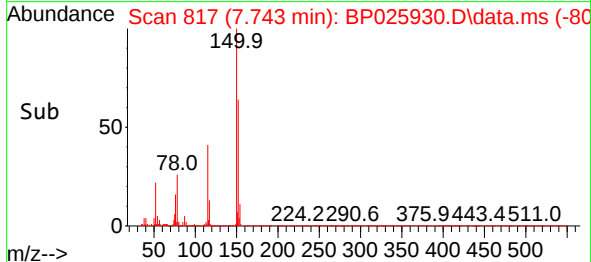
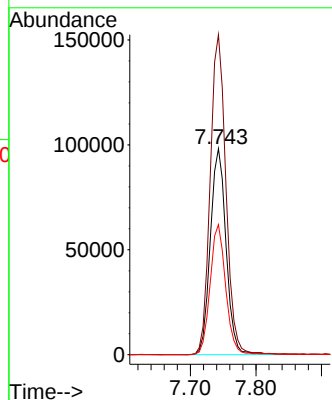
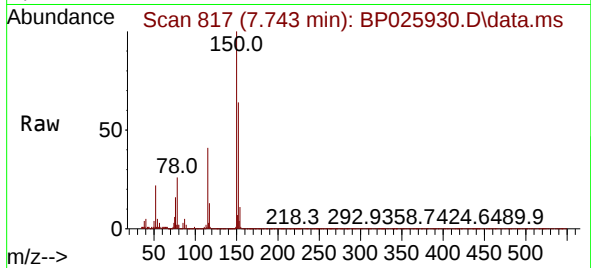




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

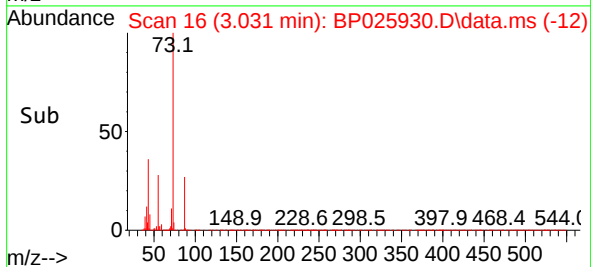
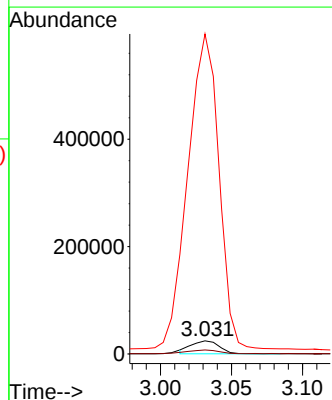
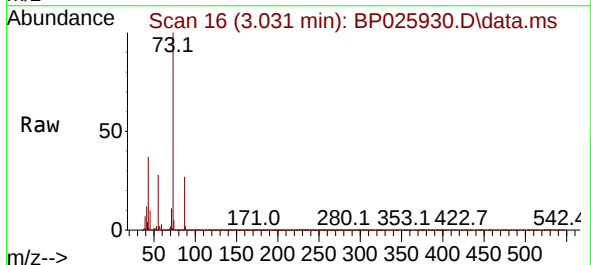
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

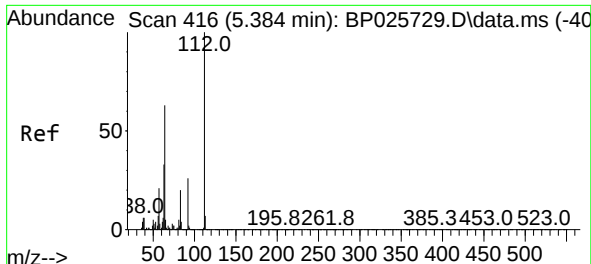
Tgt Ion:152 Resp: 164087
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 63.2 50.3 75.5



#2
1,4-Dioxane
Concen: 7.822 ng
RT: 3.031 min Scan# 16
Delta R.T. -0.276 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion: 88 Resp: 33385
Ion Ratio Lower Upper
88 100
58 27.3 65.5 98.3#
43 2440.6 25.2 37.8#

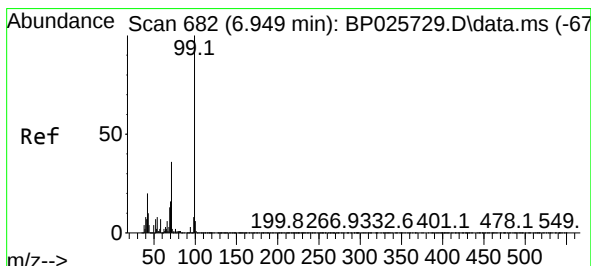
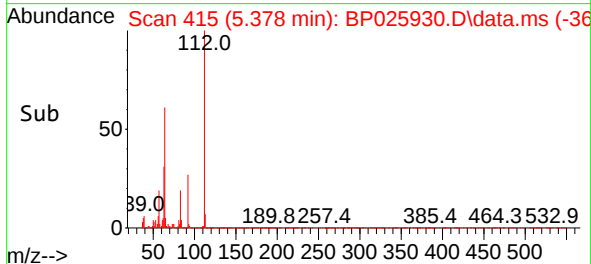
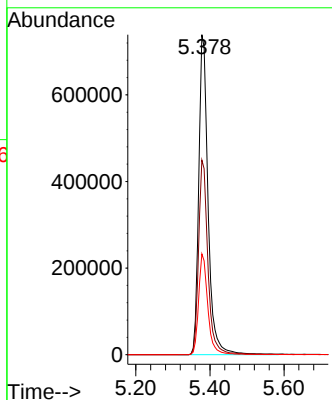
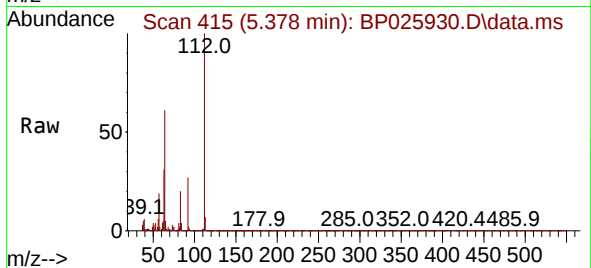




#5
2-Fluorophenol
Concen: 127.077 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

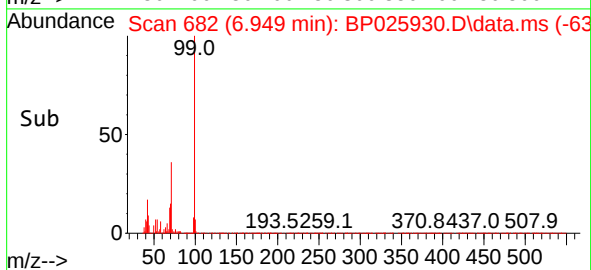
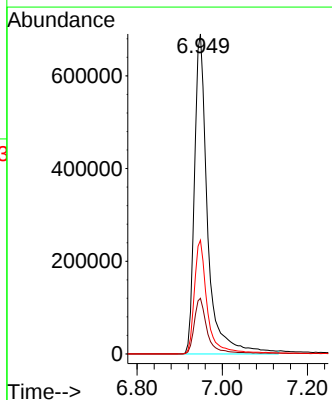
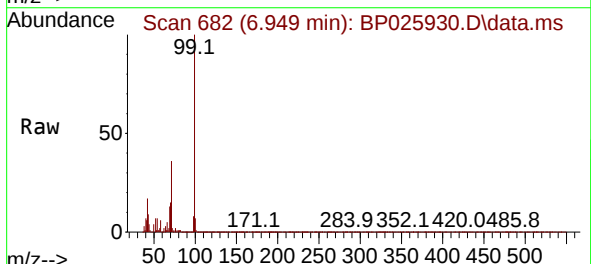
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

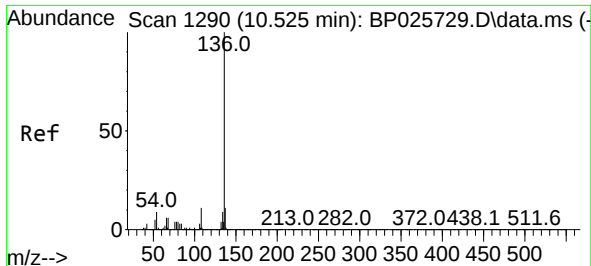
Tgt Ion:112 Resp: 1292285
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.4
63 31.5 26.7 40.1



#7
Phenol-d6
Concen: 109.766 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion: 99 Resp: 1483694
Ion Ratio Lower Upper
99 100
42 17.4 15.6 23.4
71 35.6 28.6 43.0

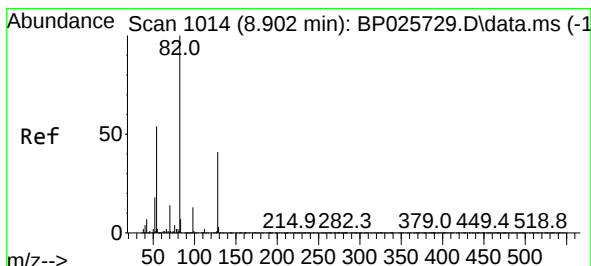
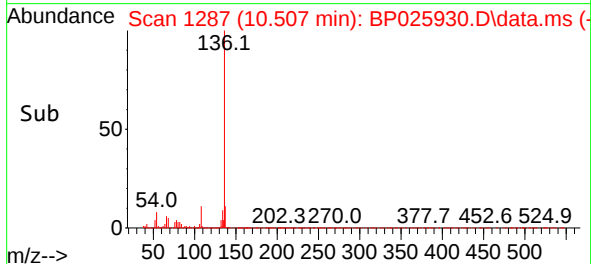
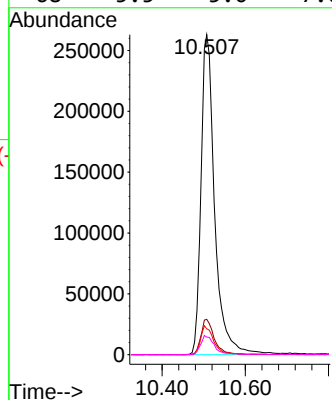
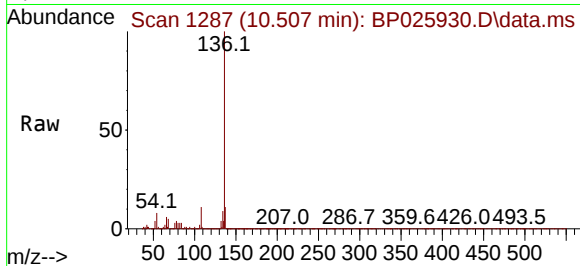




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

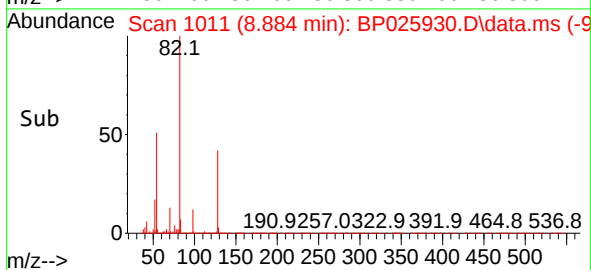
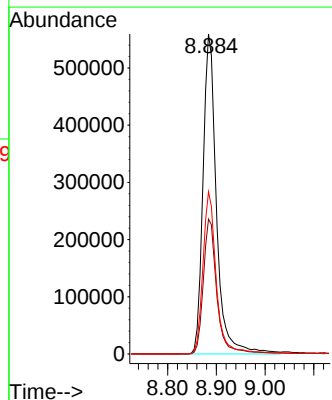
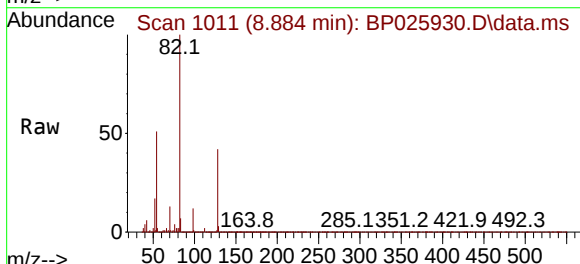
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

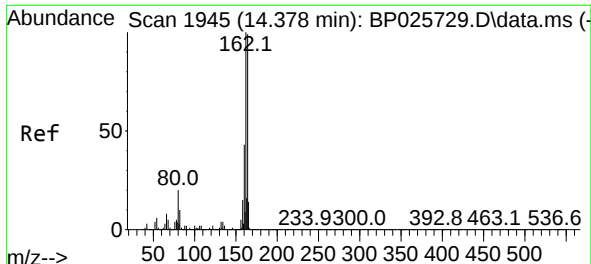
Tgt Ion:136 Resp: 602108
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 7.5 11.3
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 78.812 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion: 82 Resp: 1075770
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 50.7 43.4 65.2

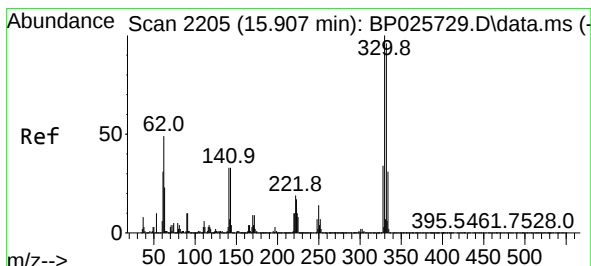
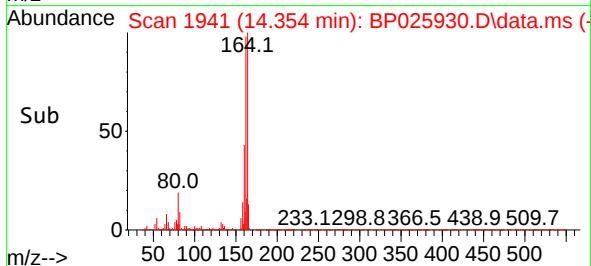
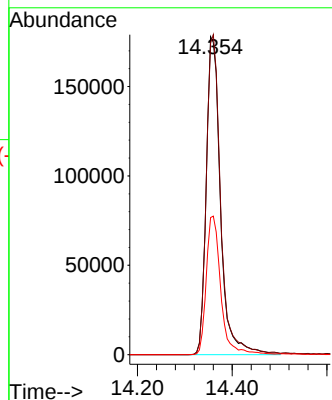
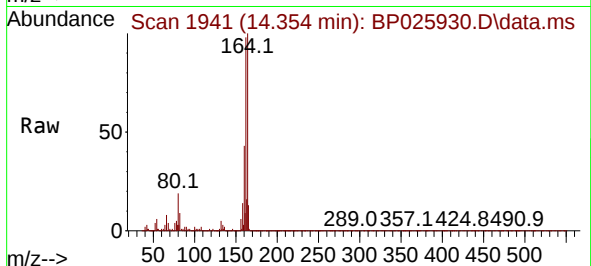




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

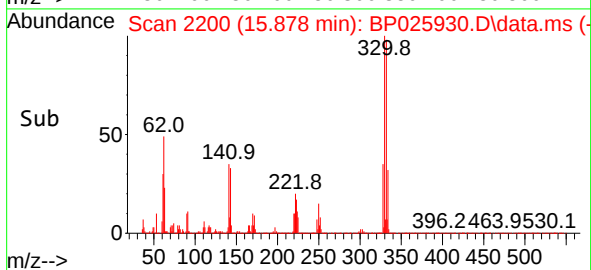
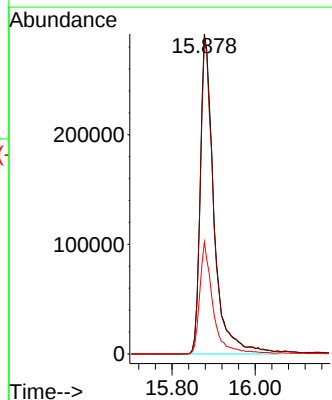
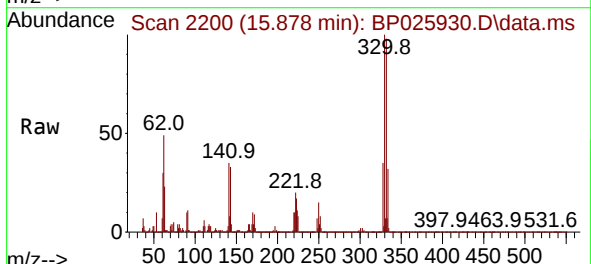
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

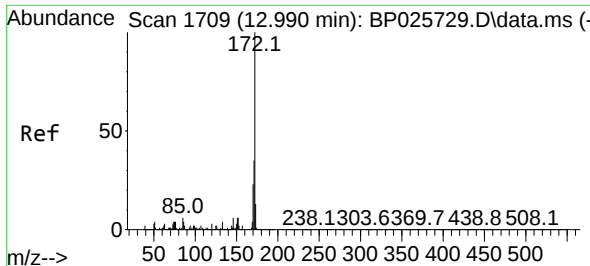
Tgt Ion:164 Resp: 371070
Ion Ratio Lower Upper
164 100
162 97.9 80.6 120.8
160 43.1 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 145.321 ng
RT: 15.878 min Scan# 2200
Delta R.T. -0.029 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion:330 Resp: 672600
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 33.6 31.0 46.4

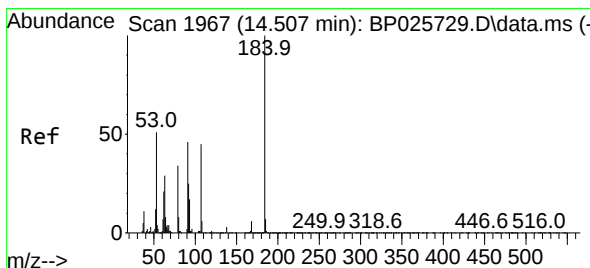
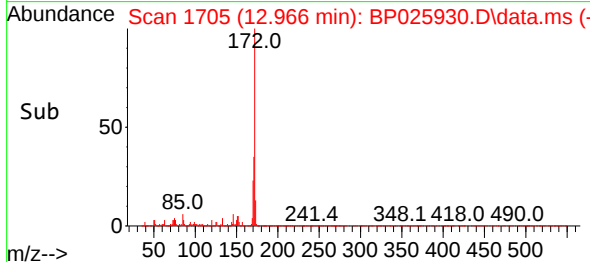
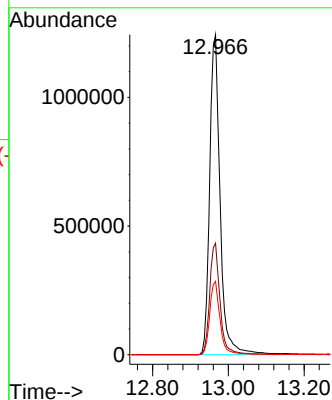
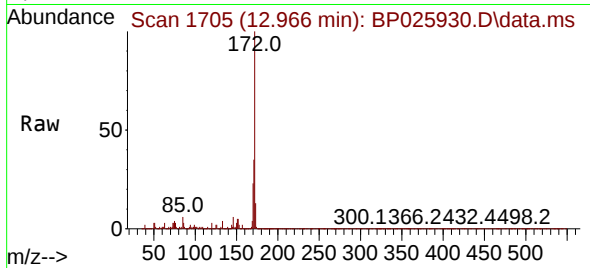




#45
2-Fluorobiphenyl
Concen: 85.154 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

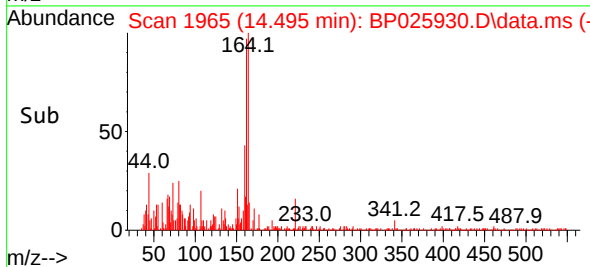
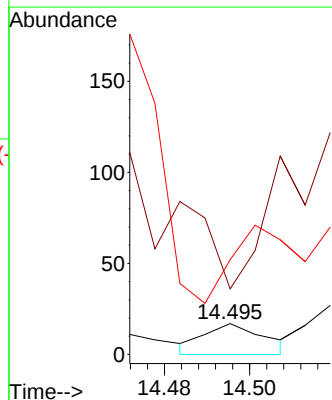
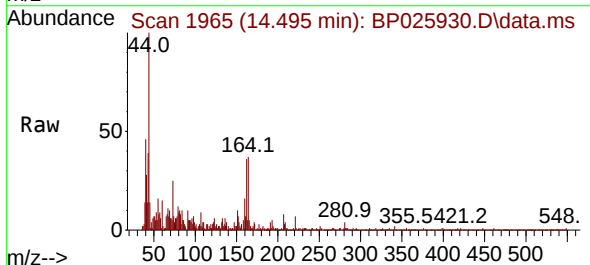
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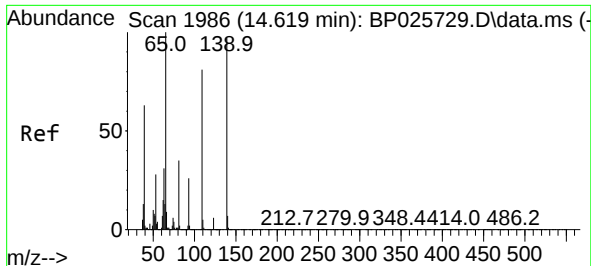
Tgt Ion:172 Resp: 2373113
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 22.9 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 211.8 52.5 78.7#
154 305.9 51.5 77.3#

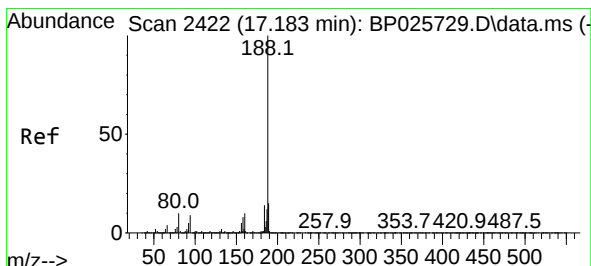
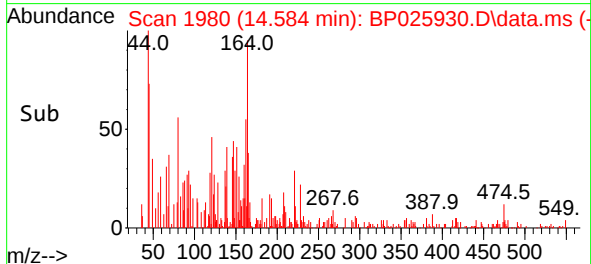
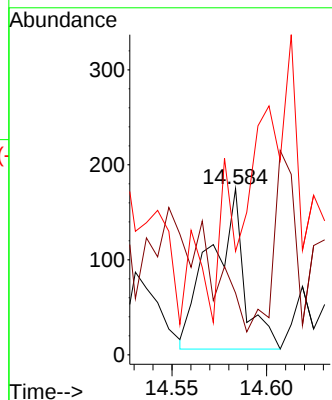
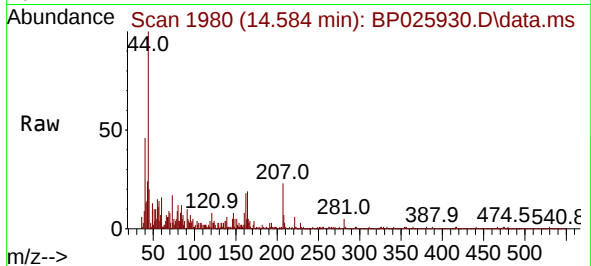




#56
4-Nitrophenol
Concen: 4.519 ng
RT: 14.584 min Scan# 1419
Delta R.T. -0.035 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

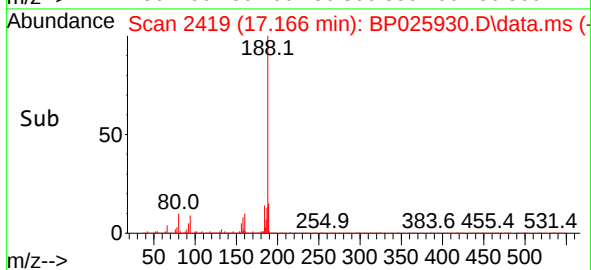
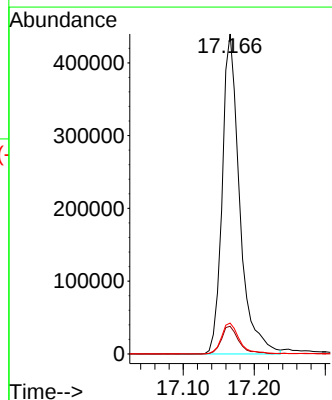
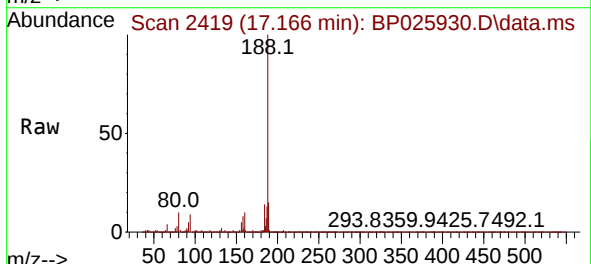
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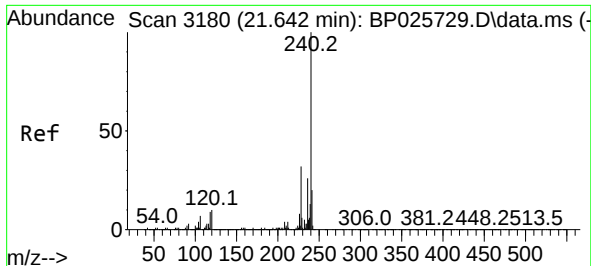
Tgt Ion:139 Resp: 213
Ion Ratio Lower Upper
139 100
109 37.1 62.9 102.9#
65 62.3 83.4 123.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.018 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion:188 Resp: 746802
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.6 7.7 11.5

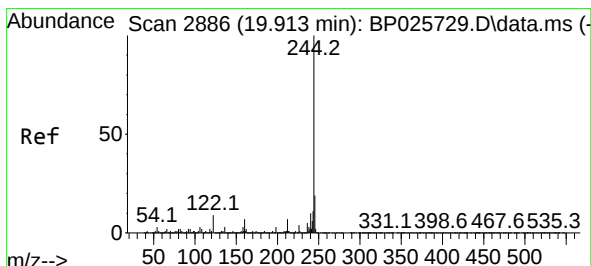
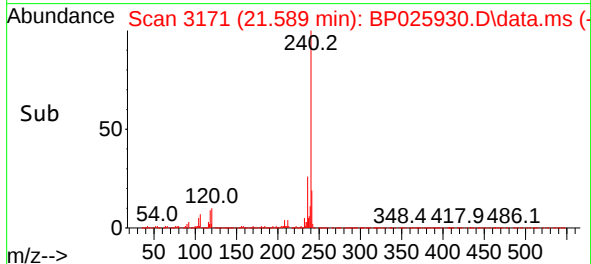
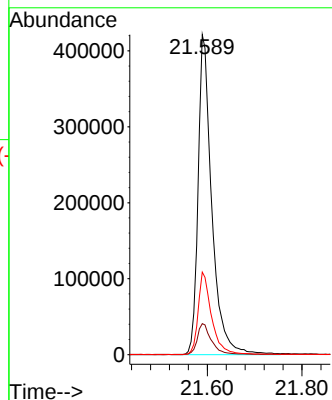
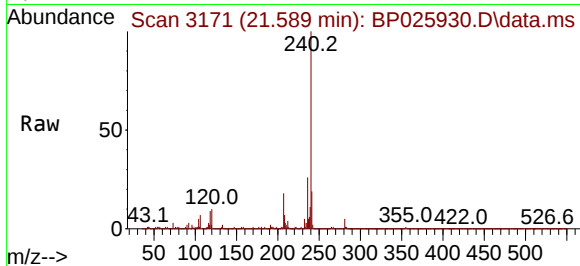




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

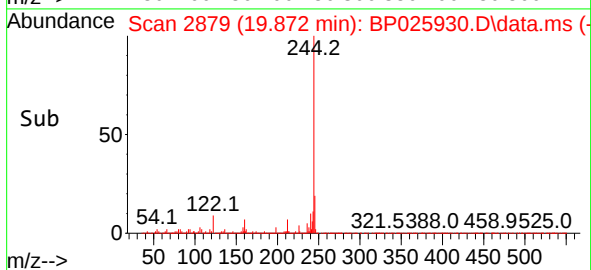
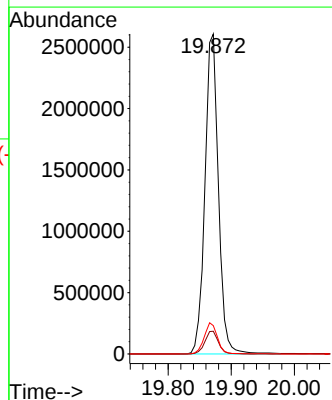
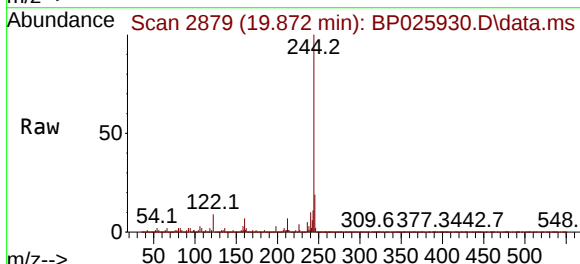
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

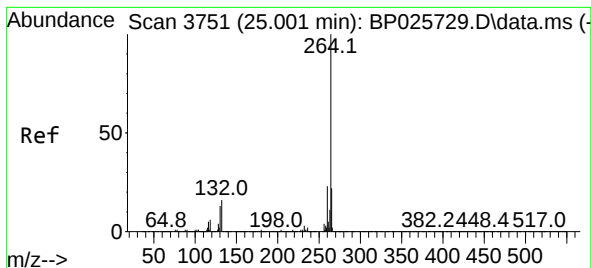
Tgt Ion:240 Resp: 848628
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 82.128 ng
RT: 19.872 min Scan# 2879
Delta R.T. -0.041 min
Lab File: BP025930.D
Acq: 06 Oct 2025 19:45

Tgt Ion:244 Resp: 3874186
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.9 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.942 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP025930.D

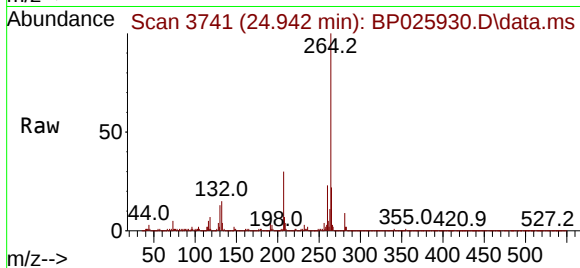
Acq: 06 Oct 2025 19:45

Instrument :

BNA_P

ClientSampleId :

EG1-TP2



Tgt Ion:264 Resp: 940473

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 22.5 17.3 25.9

