

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025850.D
 Acq On : 24 Sep 2025 18:09
 Operator : CG/JU
 Sample : Q3159-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 18:30:10 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)

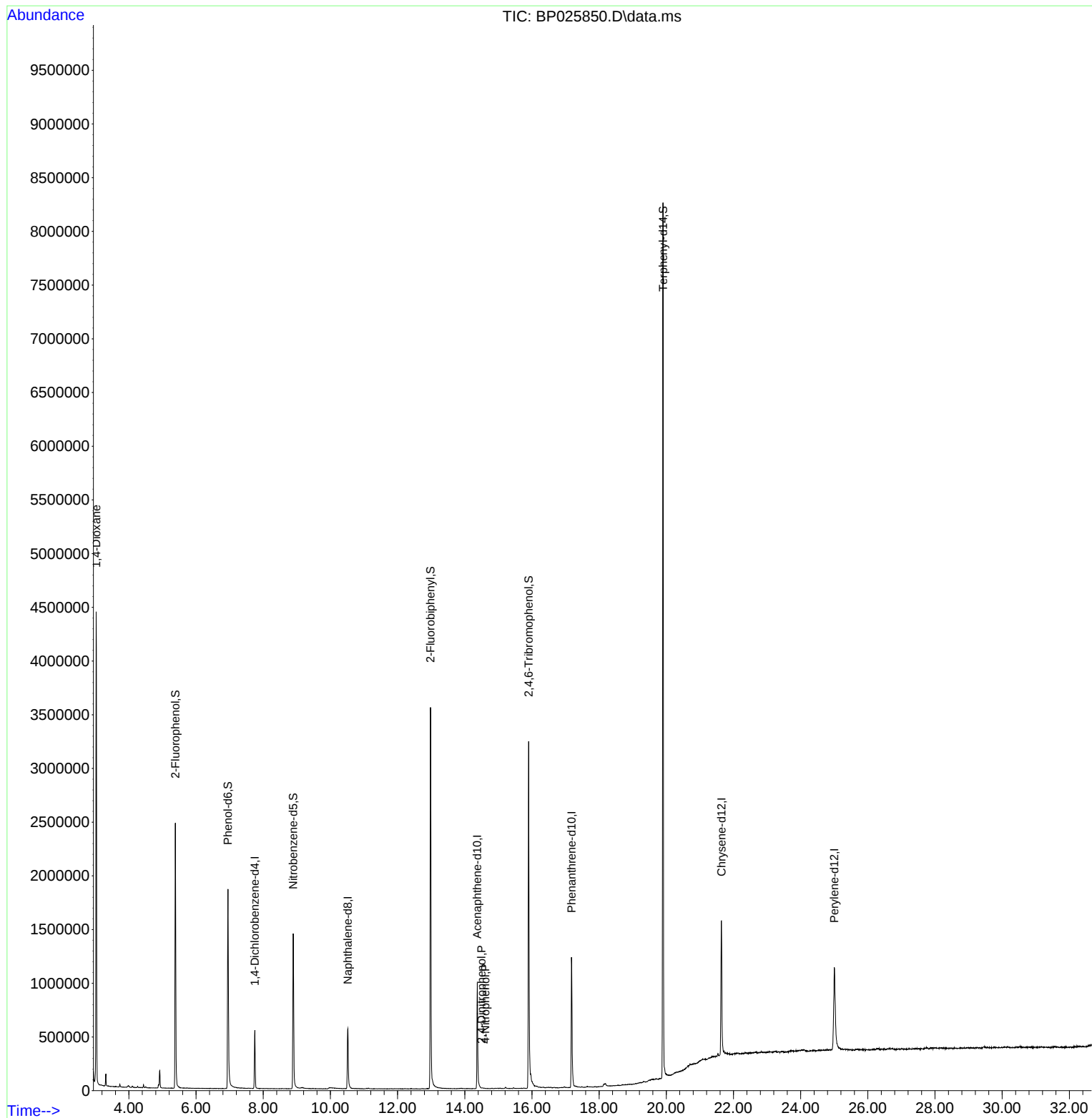
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	152611	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	567461	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	392701	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	923241	20.000	ng	0.00
76) Chrysene-d12	21.642	240	971619	20.000	ng	0.00
86) Perylene-d12	25.001	264	1009540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1153220	121.929	ng	0.00
7) Phenol-d6	6.949	99	1291915	102.765	ng	0.00
23) Nitrobenzene-d5	8.890	82	961150	74.714	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	734919	150.040	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	2223066	75.376	ng	-0.01
79) Terphenyl-d14	19.901	244	4471477	82.791	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	30812	7.762	ng	# 1
54) 2,4-Dinitrophenol	14.501	184	18	4.828	ng	# 1
56) 4-Nitrophenol	14.613	139	88	4.497	ng	# 17

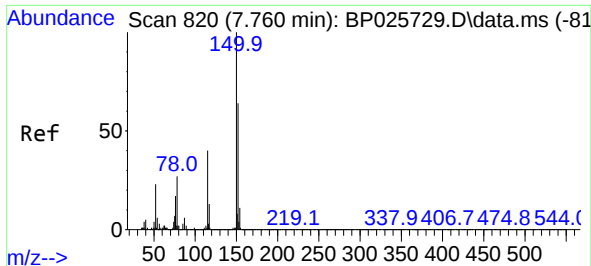
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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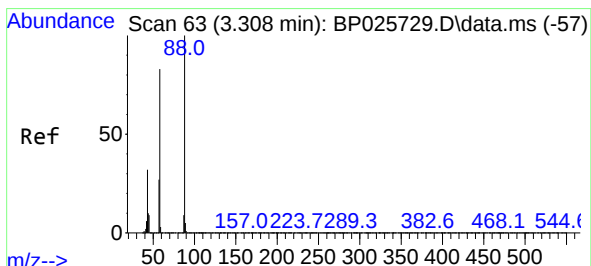
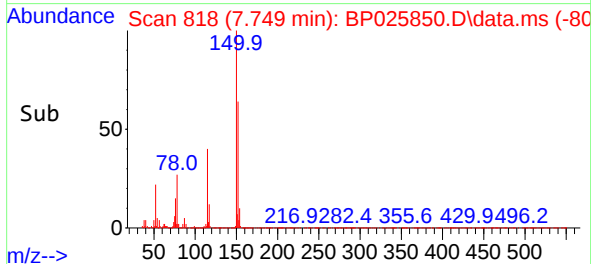
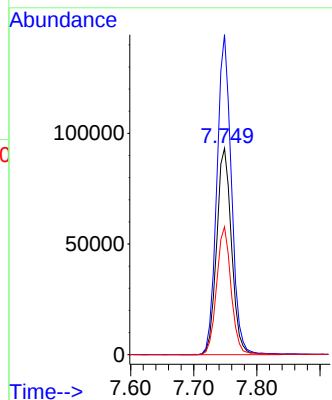
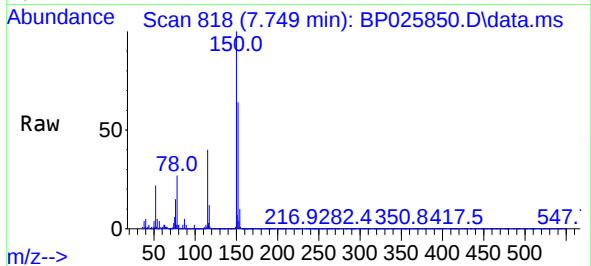




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

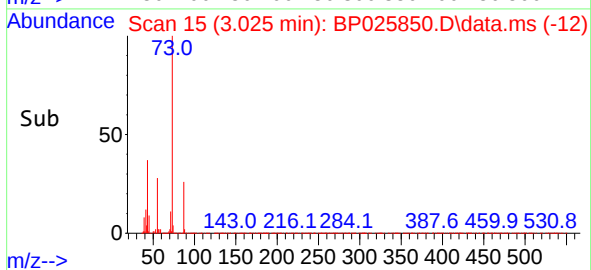
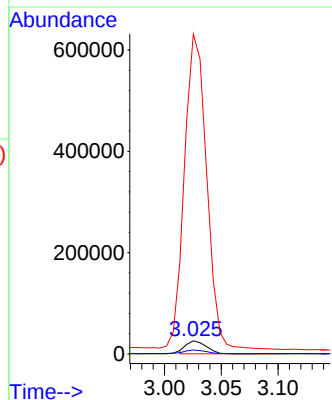
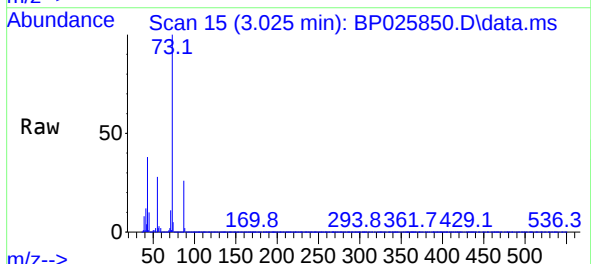
Instrument :
BNA_P
ClientSampleId :

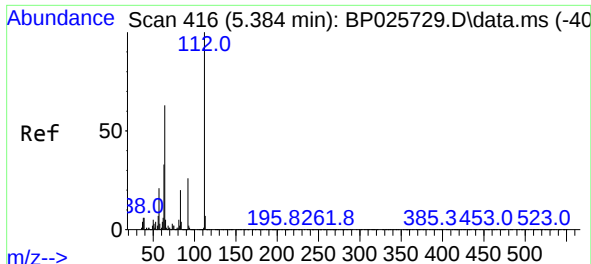
Tgt Ion:152 Resp: 152611
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 61.9 50.3 75.5



#2
1,4-Dioxane
Concen: 7.762 ng
RT: 3.025 min Scan# 15
Delta R.T. -0.282 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion: 88 Resp: 30812
Ion Ratio Lower Upper
88 100
58 29.0 65.5 98.3#
43 2554.3 25.2 37.8#

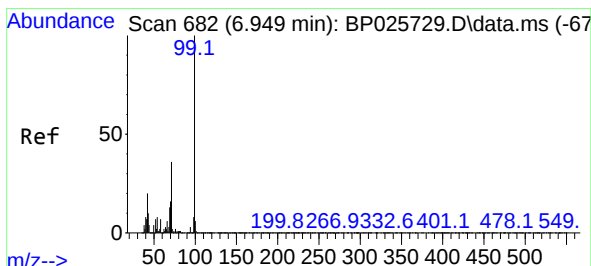
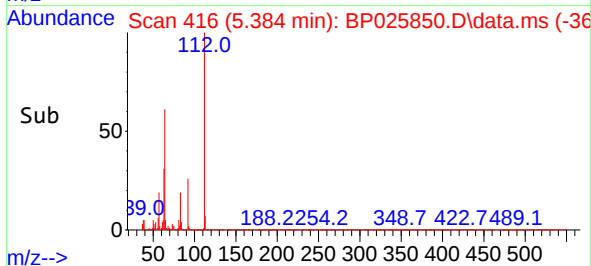
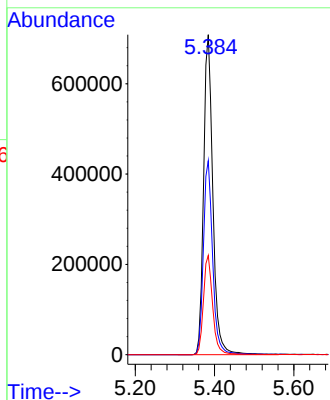
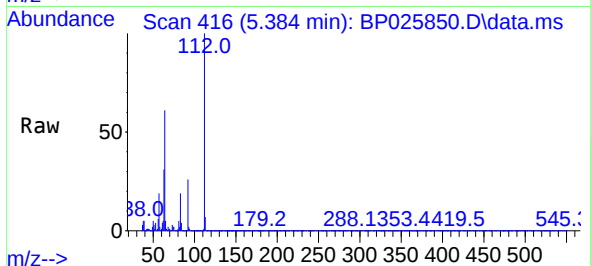




#5
2-Fluorophenol
Concen: 121.929 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

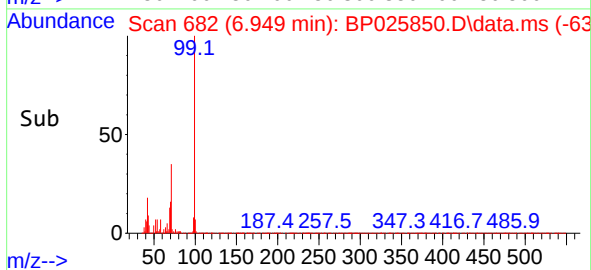
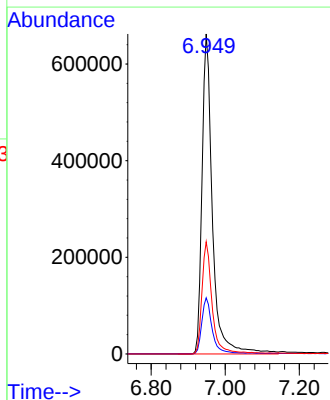
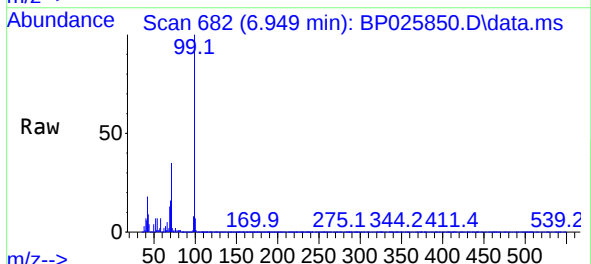
Instrument :
BNA_P
ClientSampleId :

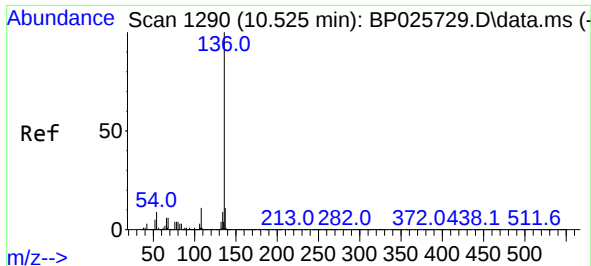
Tgt Ion:112 Resp: 1153220
Ion Ratio Lower Upper
112 100
64 60.6 50.2 75.4
63 31.0 26.7 40.1



#7
Phenol-d6
Concen: 102.765 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion: 99 Resp: 1291915
Ion Ratio Lower Upper
99 100
42 17.5 15.6 23.4
71 35.1 28.6 43.0

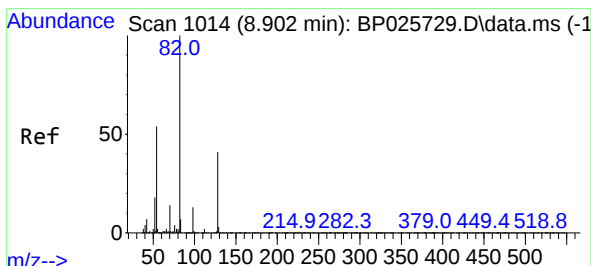
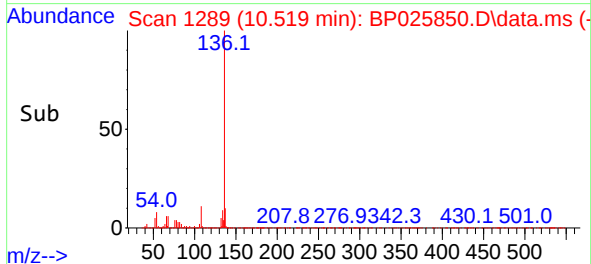
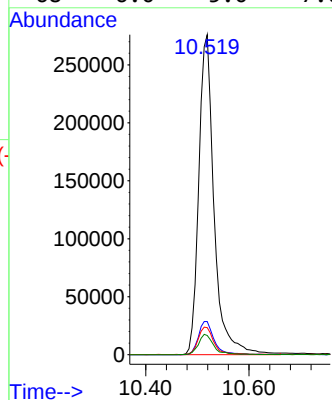
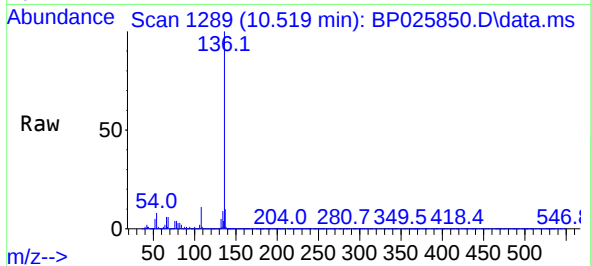




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

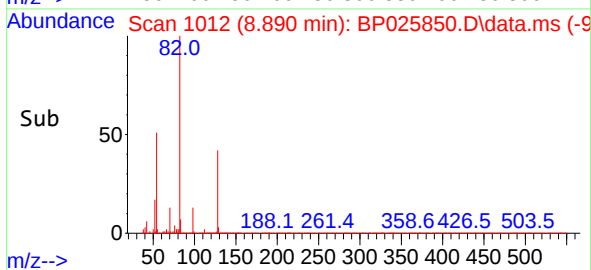
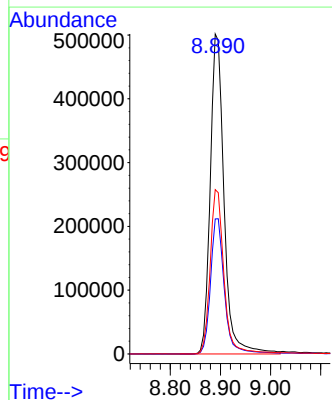
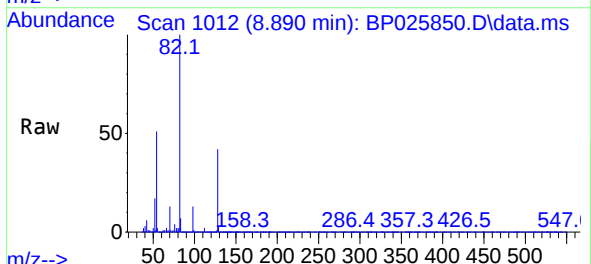
Instrument :
BNA_P
ClientSampleId :

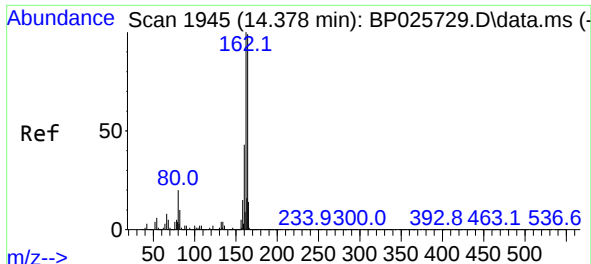
Tgt Ion:	136	Resp:	567461
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	8.5	7.5	11.3
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 74.714 ng
RT: 8.890 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:	82	Resp:	961150
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.9	49.3
54	51.3	43.4	65.2

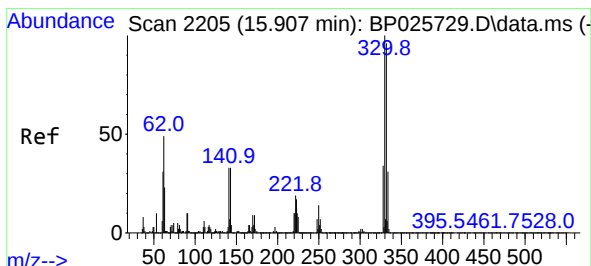
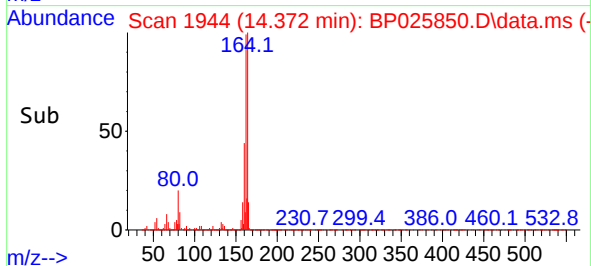
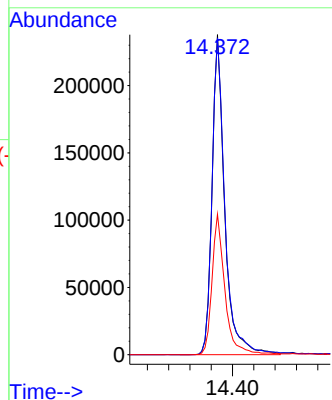
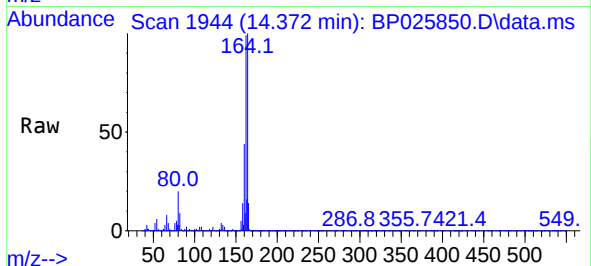




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

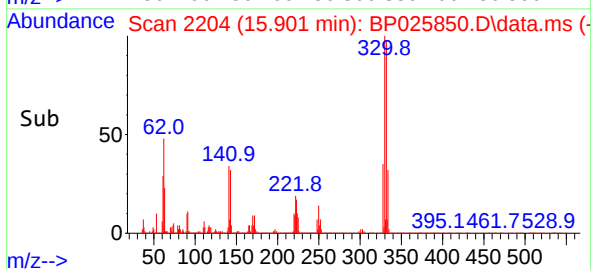
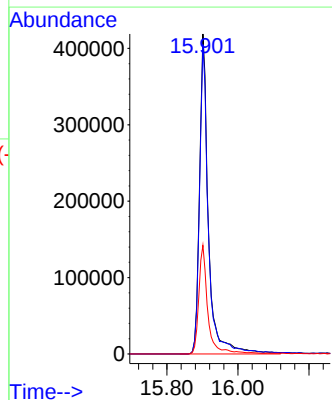
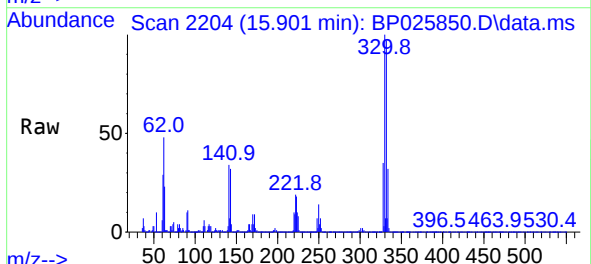
Instrument :
BNA_P
ClientSampleId :

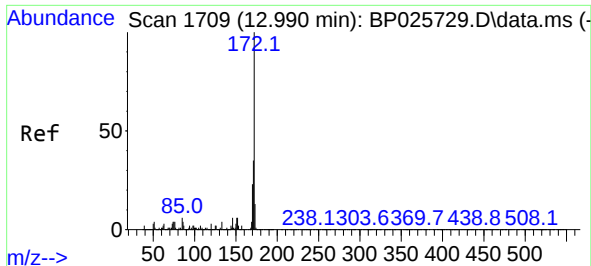
Tgt Ion:164 Resp: 392701
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 43.9 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 150.040 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:330 Resp: 734919
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 34.4 31.0 46.4

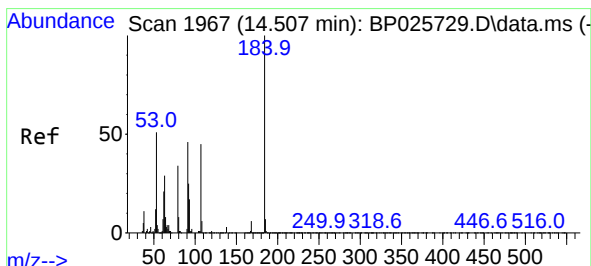
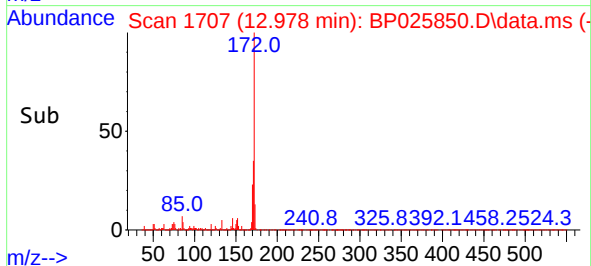
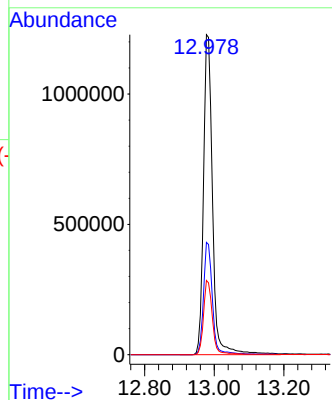
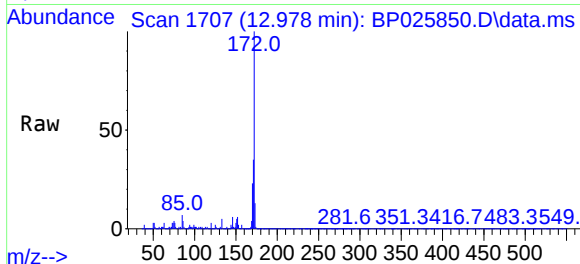




#45
2-Fluorobiphenyl
Concen: 75.376 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

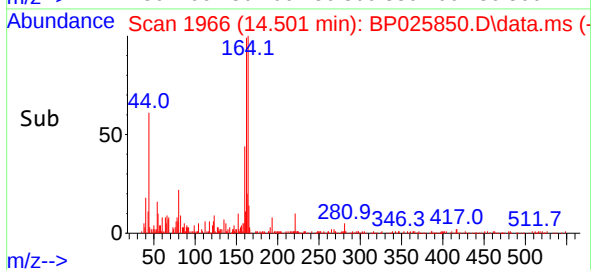
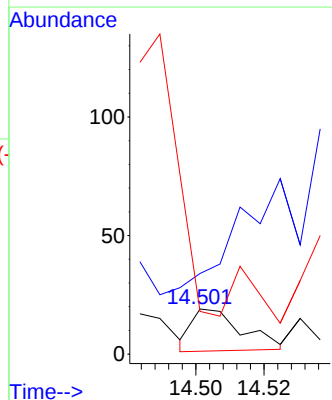
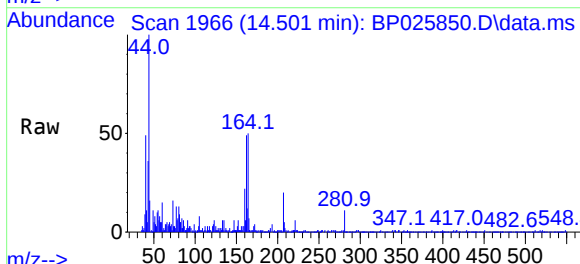
Instrument :
BNA_P
ClientSampleId :

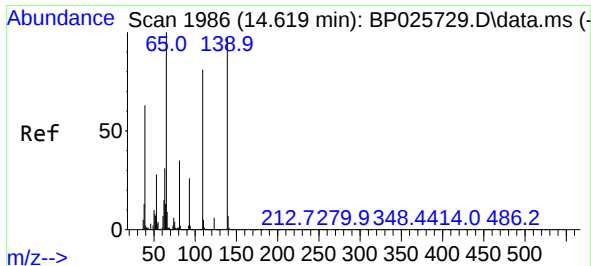
Tgt Ion:172 Resp: 2223066
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 178.9 52.5 78.7#
154 294.7 51.5 77.3#

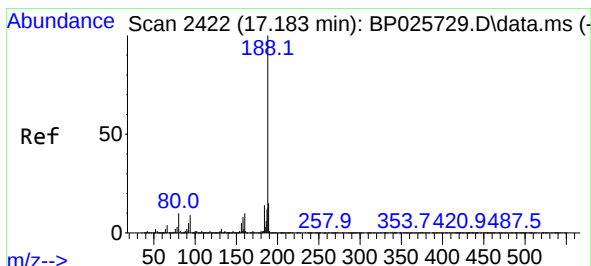
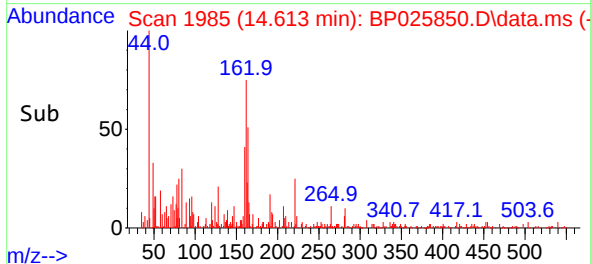
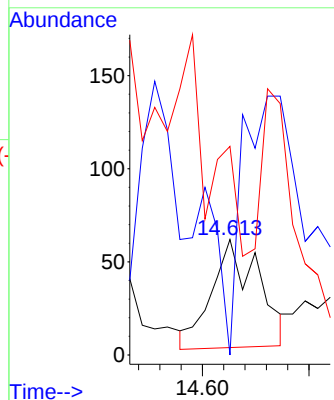
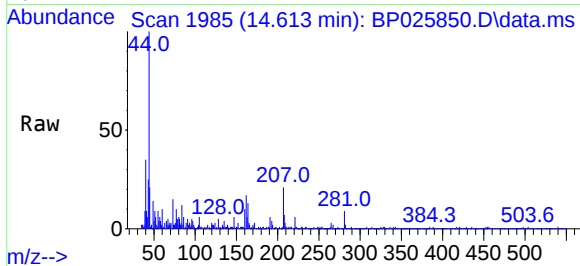




#56
4-Nitrophenol
Concen: 4.497 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

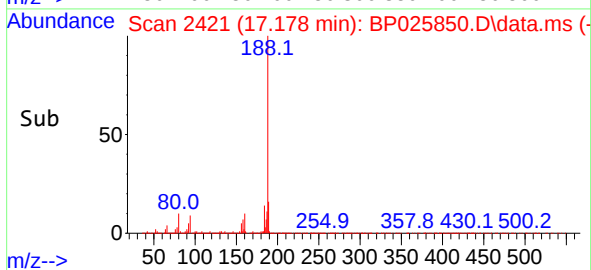
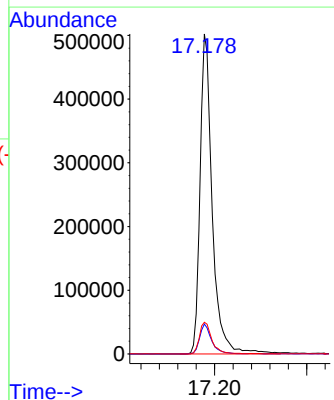
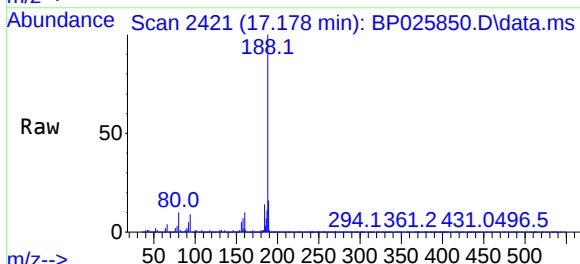
Instrument :
BNA_P
ClientSampleId :

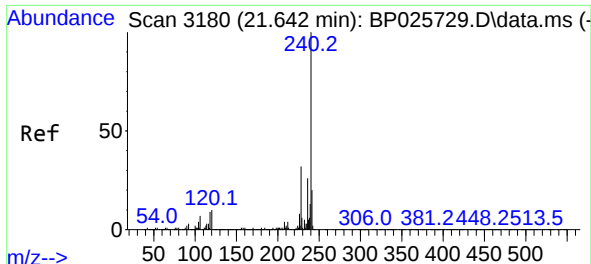
Tgt Ion:139 Resp: 88
Ion Ratio Lower Upper
139 100
109 0.0 62.9 102.9#
65 180.6 83.4 123.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:188 Resp: 923241
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 9.9 7.7 11.5

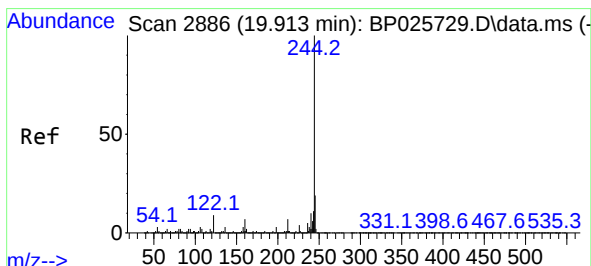
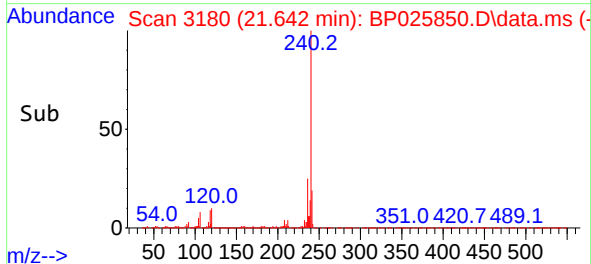
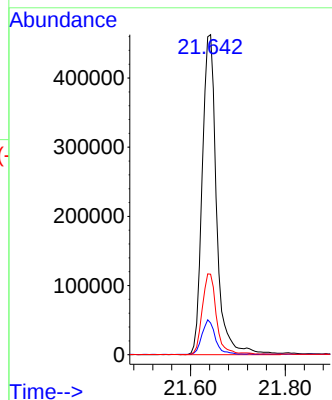
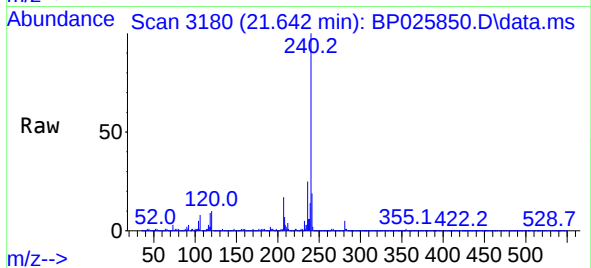




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

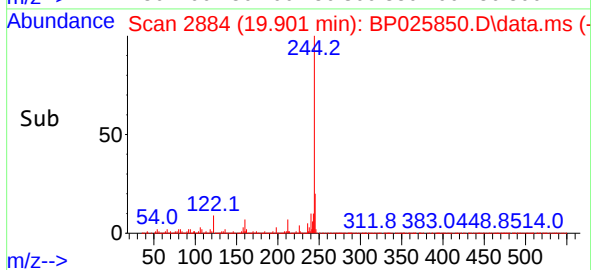
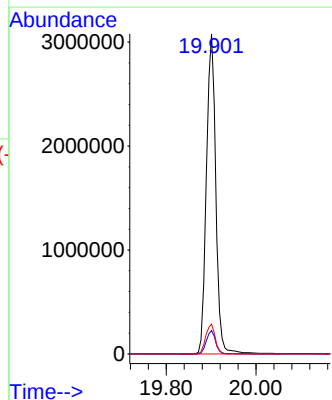
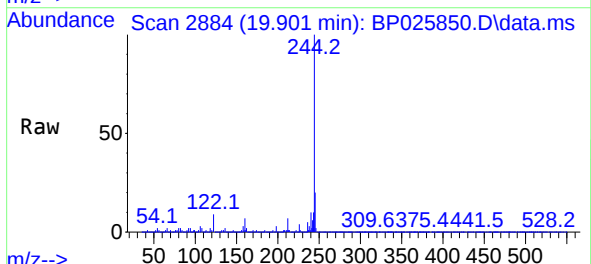
Instrument :
BNA_P
ClientSampleId :

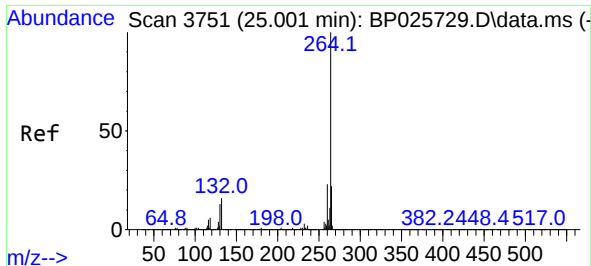
Tgt Ion:240 Resp: 971619
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.2 20.7 31.1



#79
Terphenyl-d14
Concen: 82.791 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

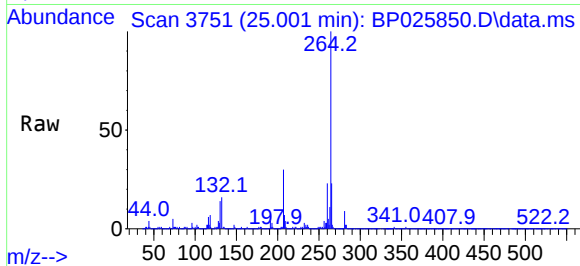
Tgt Ion:244 Resp: 4471477
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.3 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 1009540

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.9	17.3	25.9

