

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
 Data File : BP025810.D
 Acq On : 22 Sep 2025 12:50
 Operator : CG/JU
 Sample : PB169751BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 22 13:12:19 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)

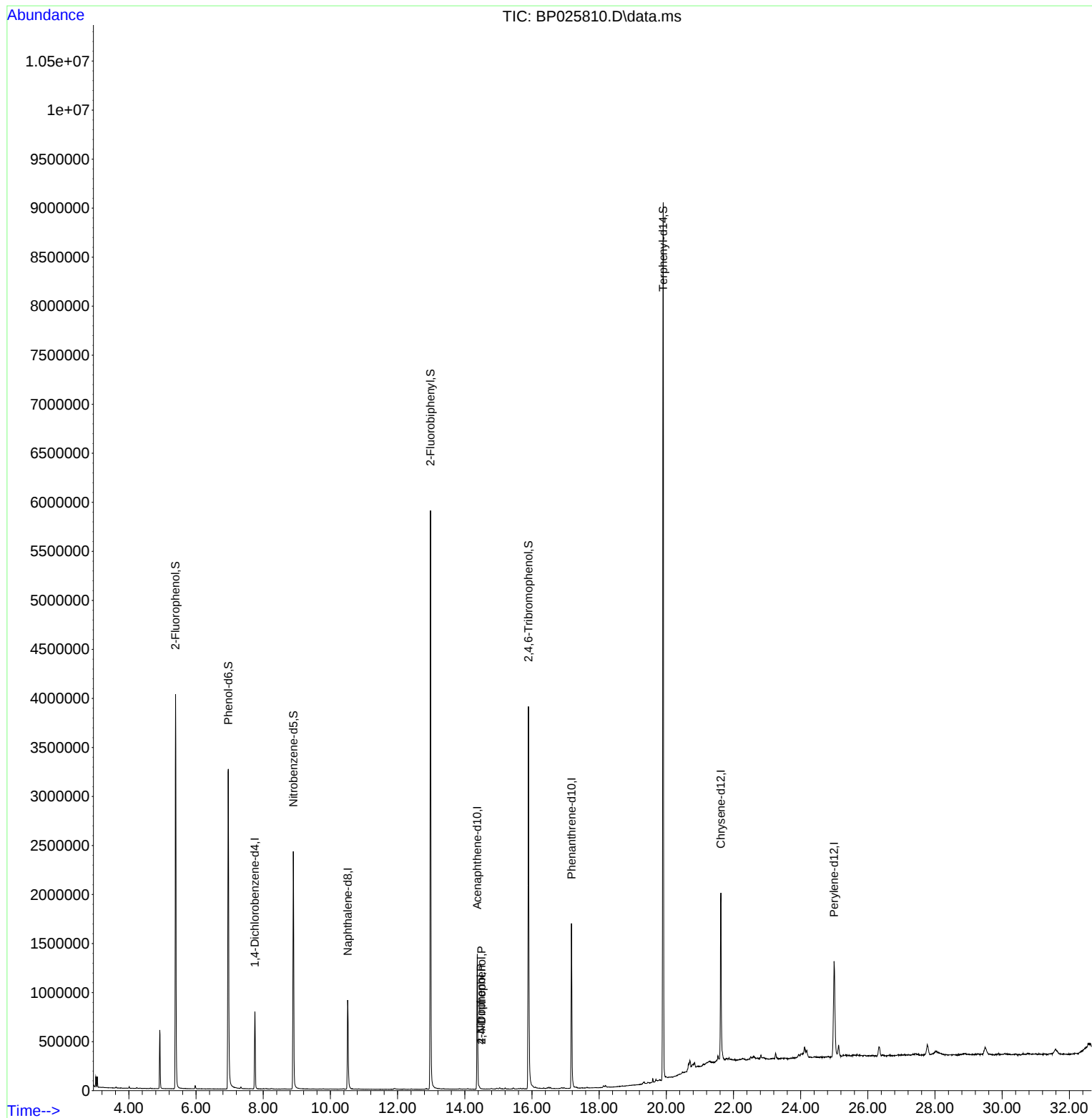
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	221127	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	843218	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	535692	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1118136	20.000	ng	0.00
76) Chrysene-d12	21.625	240	1134070	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1186664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1760271	128.446	ng	0.00
7) Phenol-d6	6.961	99	2172894	119.287	ng	0.01
23) Nitrobenzene-d5	8.896	82	1476898	77.260	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	861294	128.904	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	3207295	79.720	ng	-0.01
79) Terphenyl-d14	19.907	244	5254428	83.352	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.501	184	46	4.832	ng	# 1
56) 4-Nitrophenol	14.484	139	71	4.491	ng	# 56

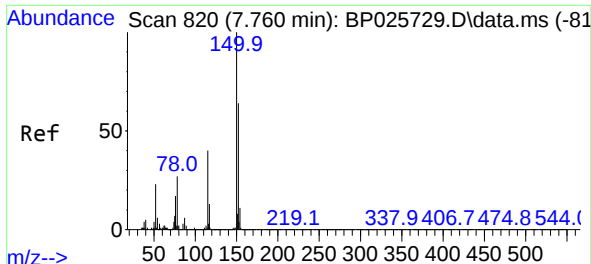
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
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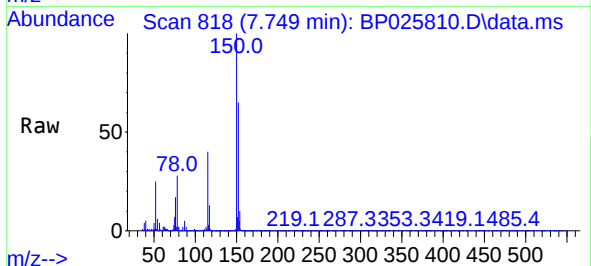
Quant Time: Sep 22 13:12:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



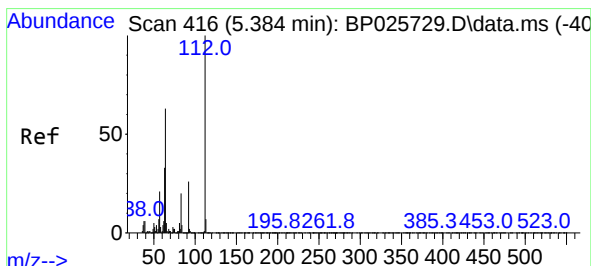
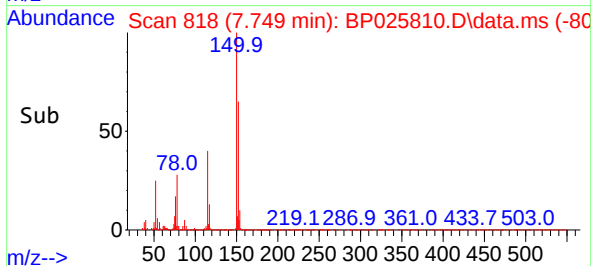
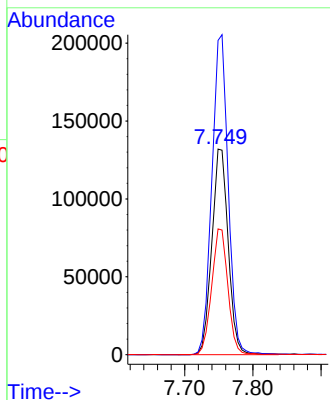


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Instrument :
BNA_P
ClientSampleId :

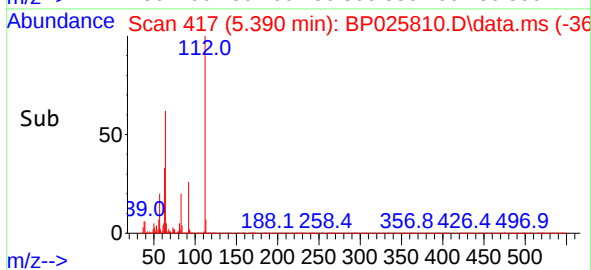
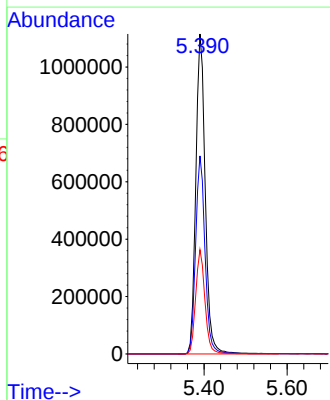
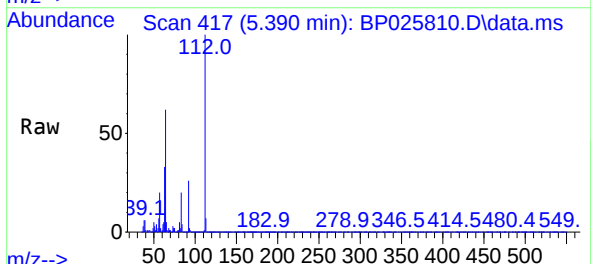


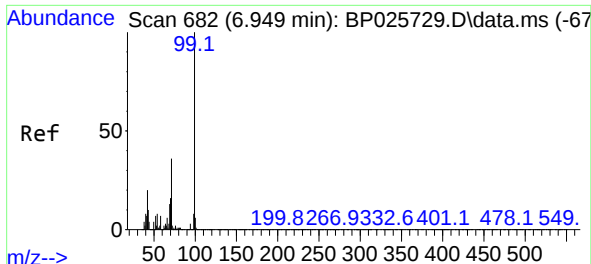
Tgt Ion:152 Resp: 221127
Ion Ratio Lower Upper
152 100
150 152.8 124.3 186.5
115 61.2 50.3 75.5



#5
2-Fluorophenol
Concen: 128.446 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Tgt Ion:112 Resp: 1760271
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 32.6 26.7 40.1

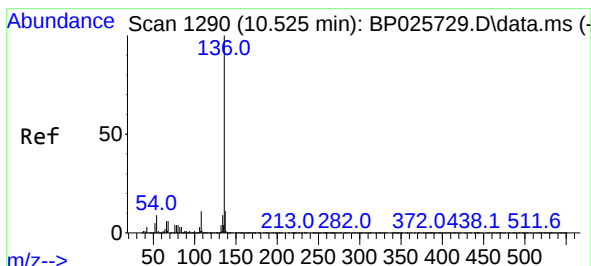
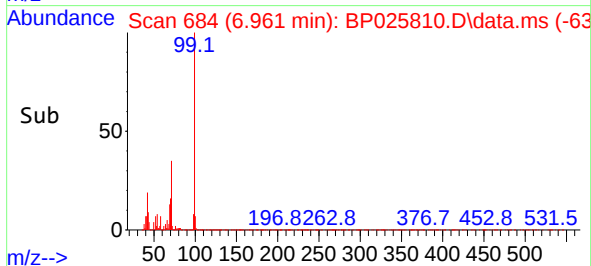
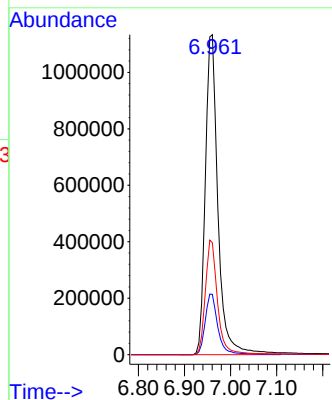
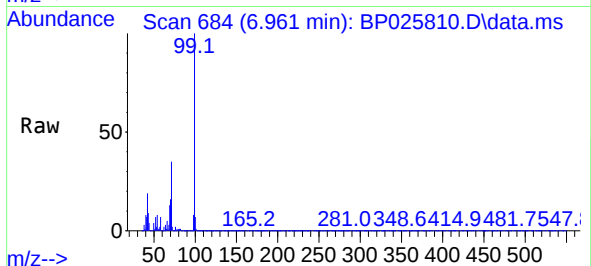




#7
Phenol-d6
Concen: 119.287 ng
RT: 6.961 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

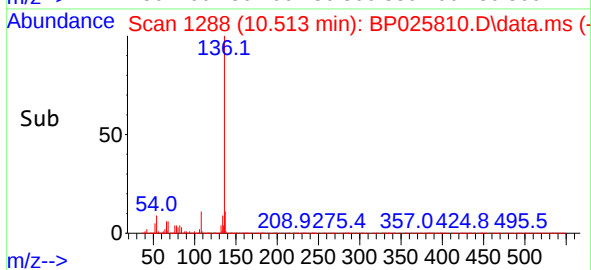
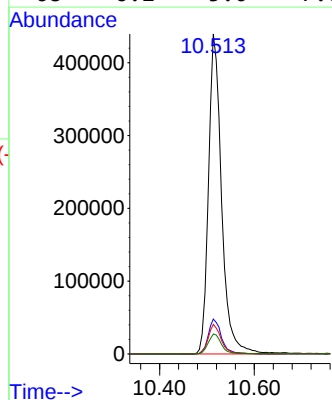
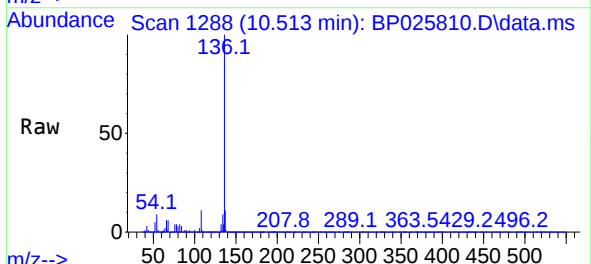
Instrument :
BNA_P
ClientSampleId :

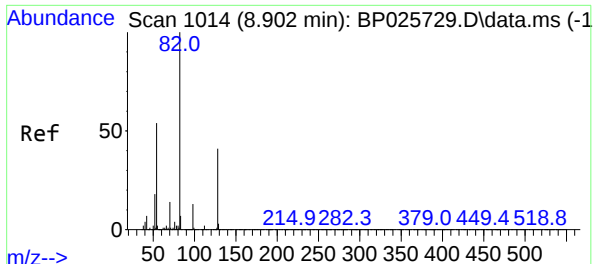
Tgt Ion: 99 Resp: 2172894
Ion Ratio Lower Upper
99 100
42 18.9 15.6 23.4
71 35.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Tgt Ion:136 Resp: 843218
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.5 11.3
68 6.2 5.0 7.6

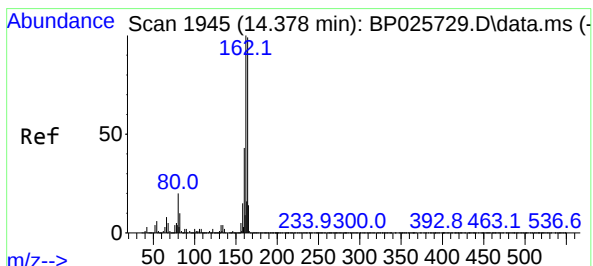
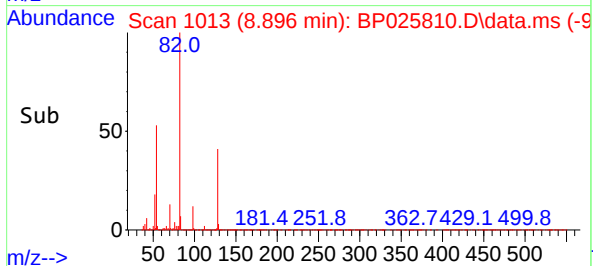
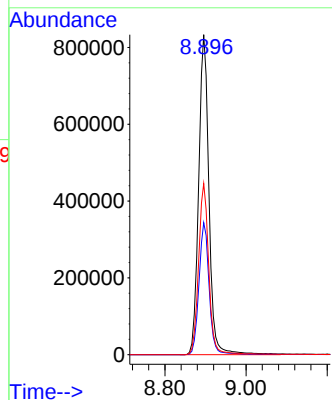
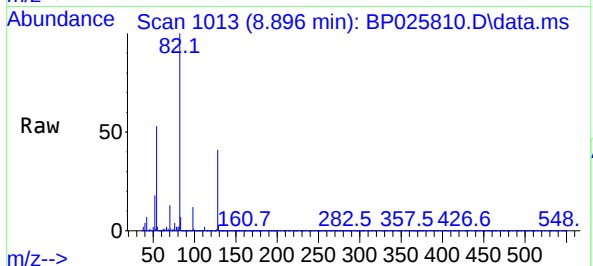




#23
Nitrobenzene-d5
Concen: 77.260 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

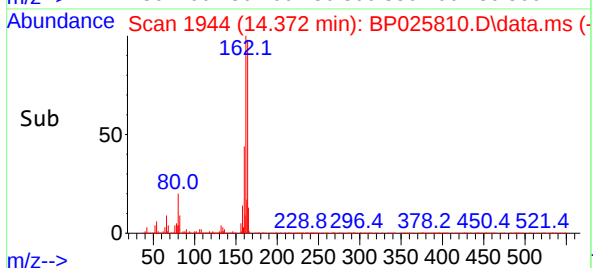
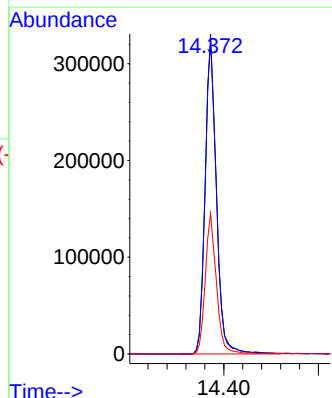
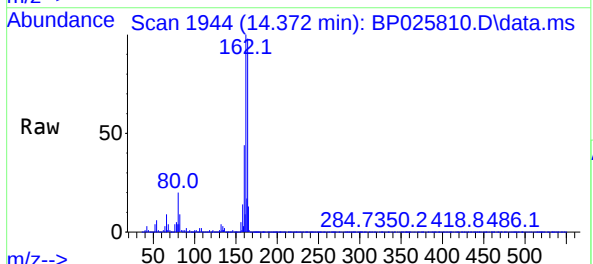
Instrument :
BNA_P
ClientSampleId :

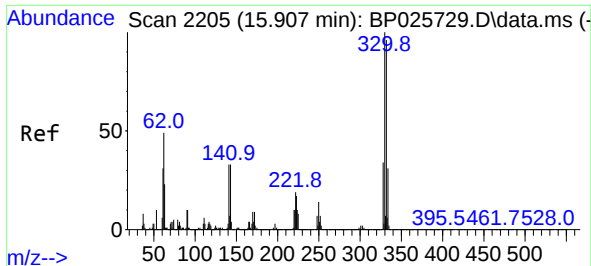
Tgt Ion: 82 Resp: 1476898
Ion Ratio Lower Upper
82 100
128 41.3 32.9 49.3
54 53.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

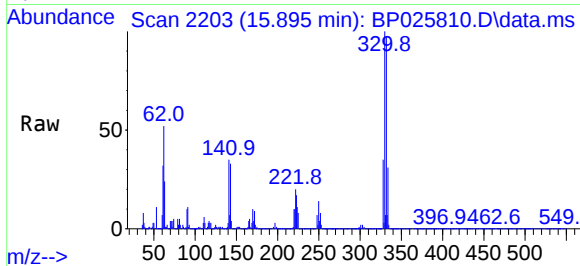
Tgt Ion: 164 Resp: 535692
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 45.0 35.0 52.6



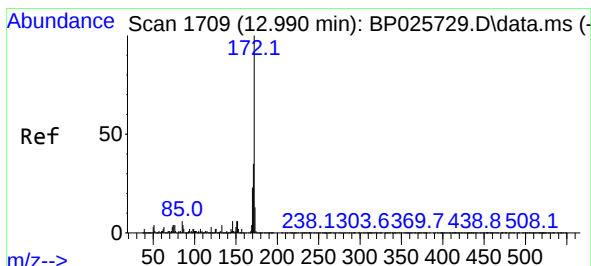
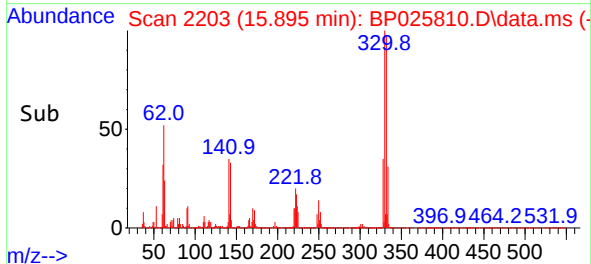
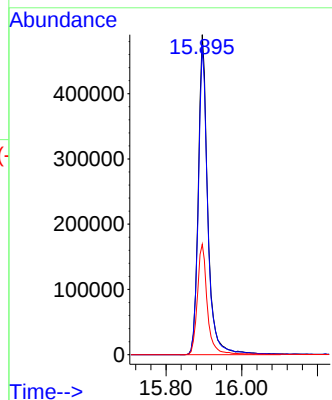


#42
2,4,6-Tribromophenol
Concen: 128.904 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Instrument :
BNA_P
ClientSampleId :

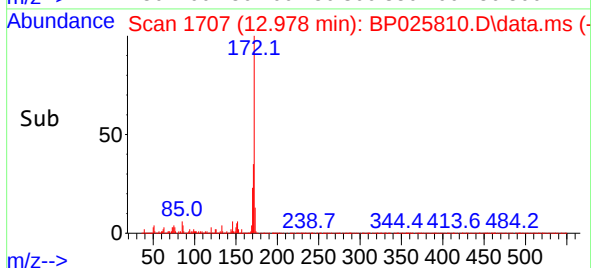
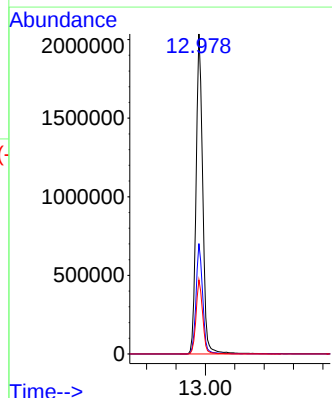
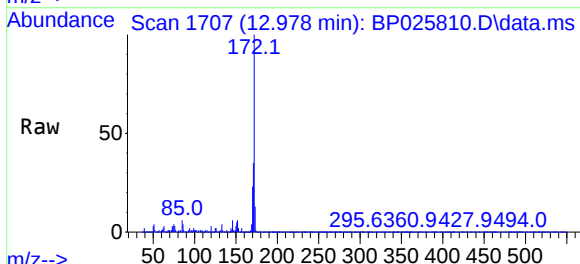


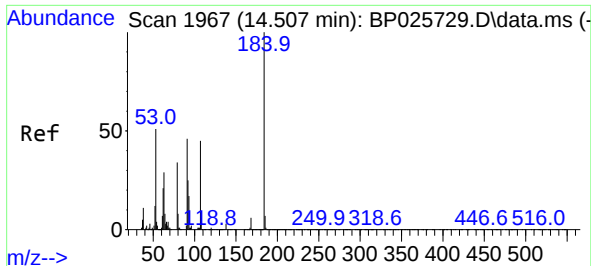
Tgt Ion:330 Resp: 861294
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 36.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 79.720 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Tgt Ion:172 Resp: 3207295
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.6 27.8

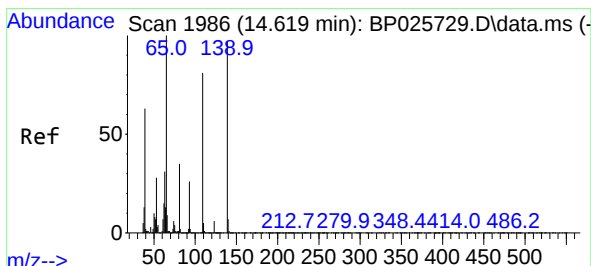
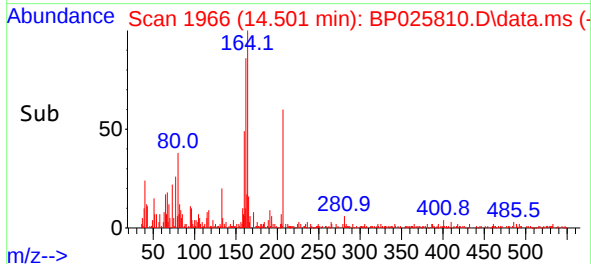
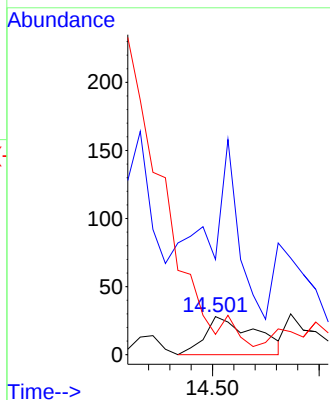
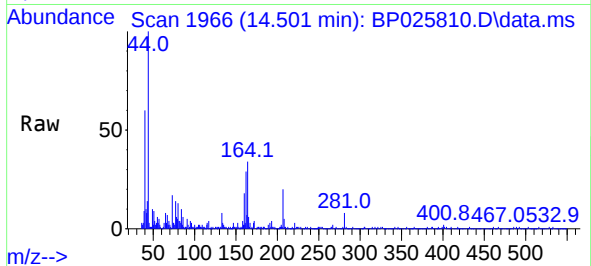




#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

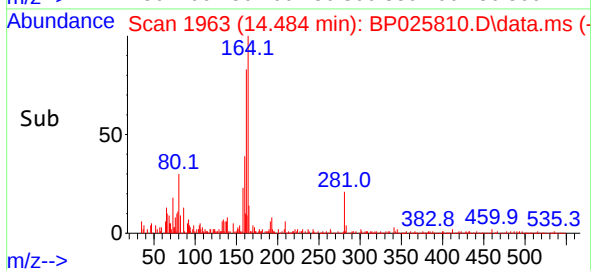
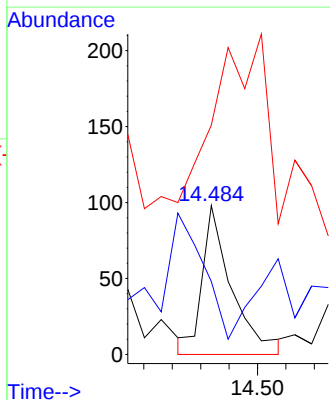
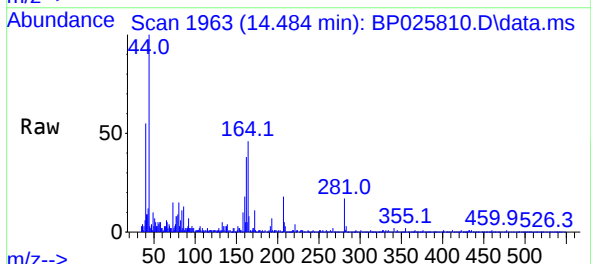
Instrument :
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ClientSampleId :

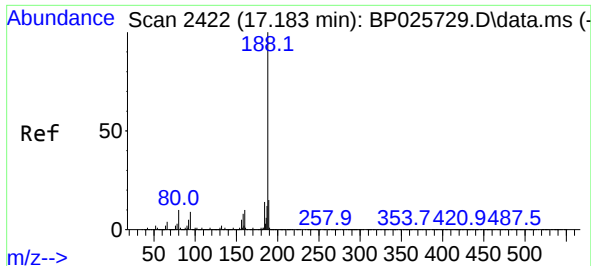
Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 250.0 52.5 78.7#
154 53.6 51.5 77.3



#56
4-Nitrophenol
Concen: 4.491 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.135 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 49.0 62.9 102.9#
65 154.1 83.4 123.4#

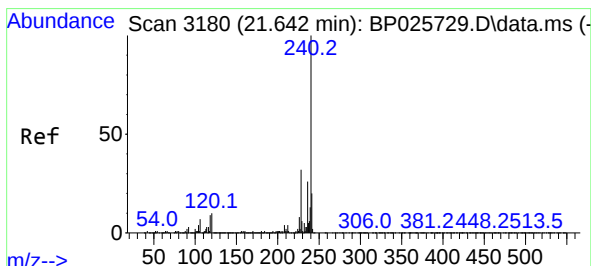
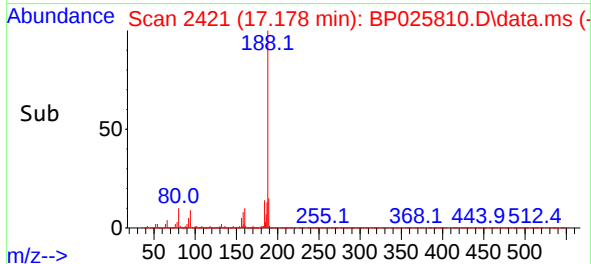
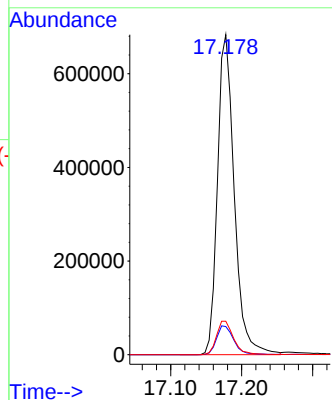
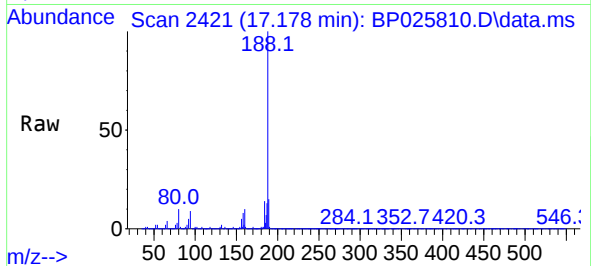




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

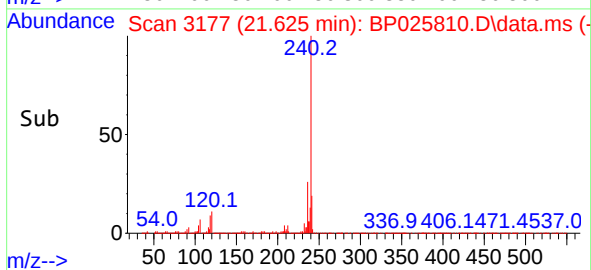
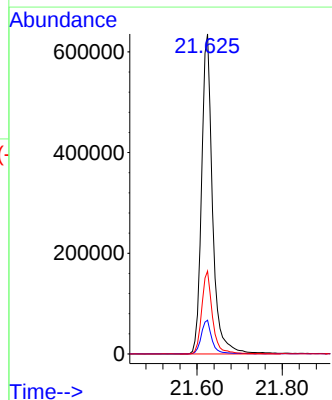
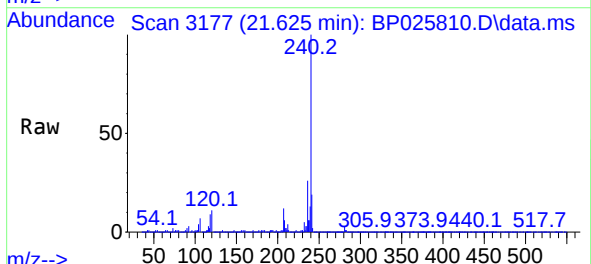
Instrument :
BNA_P
ClientSampleId :

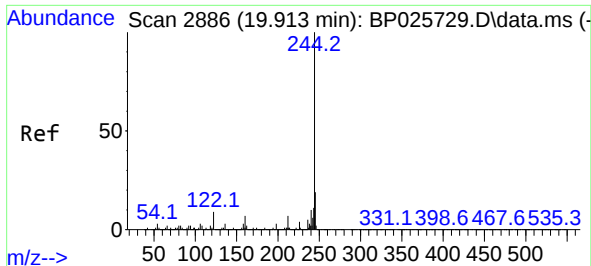
Tgt Ion:188 Resp: 1118136
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025810.D
Acq: 22 Sep 2025 12:50

Tgt Ion:240 Resp: 1134070
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.9 20.7 31.1

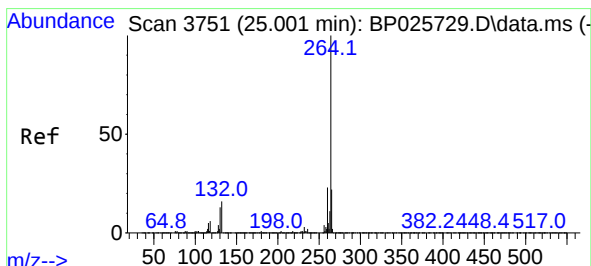
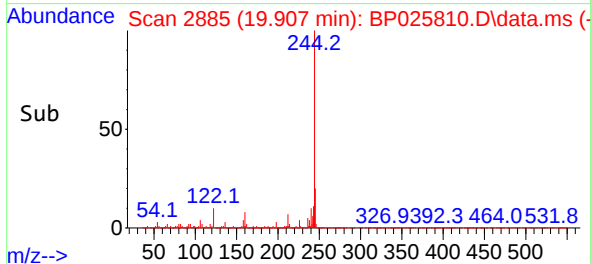
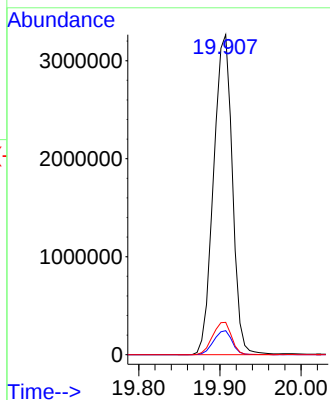
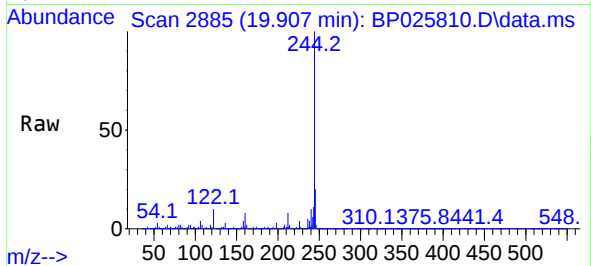




#79
 Terphenyl-d14
 Concen: 83.352 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025810.D
 Acq: 22 Sep 2025 12:50

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 5254428
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BP025810.D
 Acq: 22 Sep 2025 12:50

Tgt Ion:264 Resp: 1186664
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 21.8 17.3 25.9

