

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
 Data File : BP025906.D
 Acq On : 01 Oct 2025 18:34
 Operator : CG/JU
 Sample : Q3257-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV1-6FT

Quant Time: Oct 01 18:55:43 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)

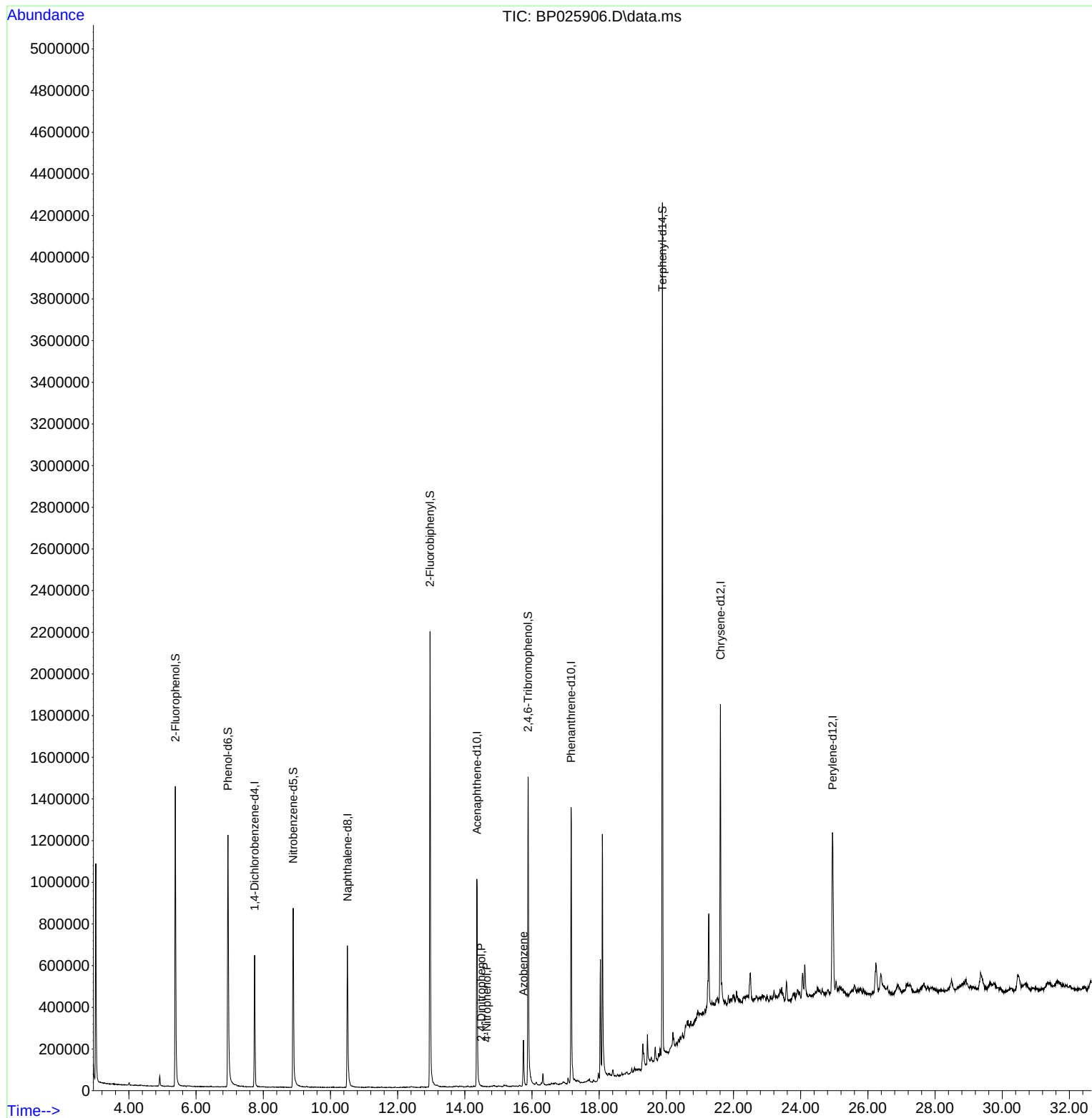
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	186501	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	697594	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	448490	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	858512	20.000	ng	-0.02
76) Chrysene-d12	21.613	240	845751	20.000	ng	-0.03
86) Perylene-d12	24.953	264	909638	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	751142	64.986	ng	0.00
7) Phenol-d6	6.949	99	950049	61.839	ng	0.00
23) Nitrobenzene-d5	8.890	82	626723	39.630	ng	-0.01
42) 2,4,6-Tribromophenol	15.883	330	374454	66.938	ng	-0.02
45) 2-Fluorobiphenyl	12.966	172	1373141	40.767	ng	-0.02
79) Terphenyl-d14	19.883	244	2129727	45.301	ng	-0.03
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.489	184	6	4.826	ng	92
56) 4-Nitrophenol	14.654	139	77	4.493	ng	92
63) Azobenzene	15.748	77	87795	2.614	ng	# 1

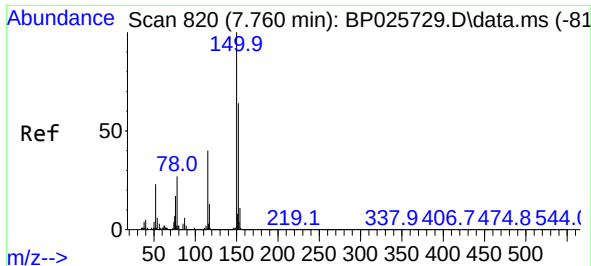
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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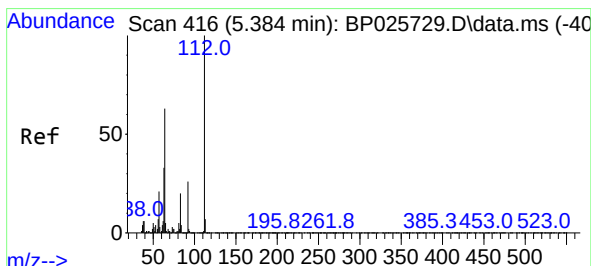
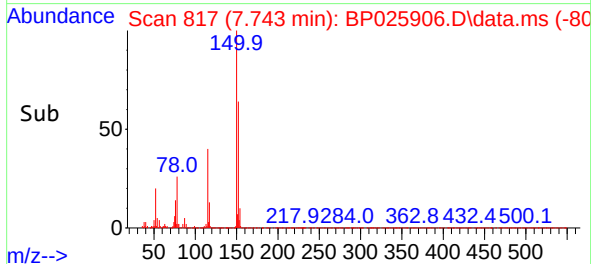
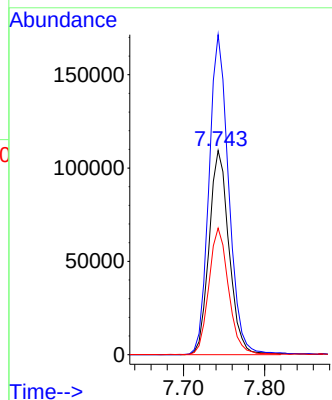
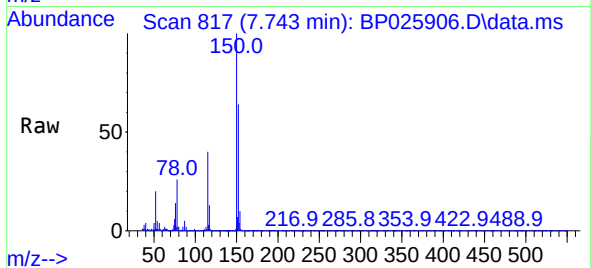




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 817
Delta R.T. -0.017 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

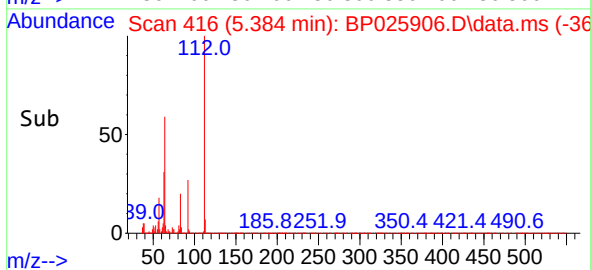
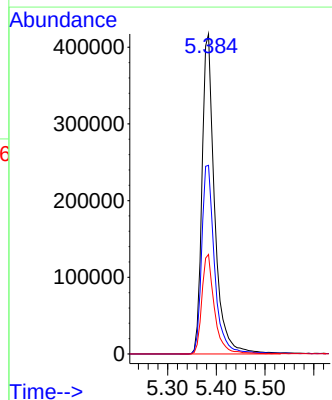
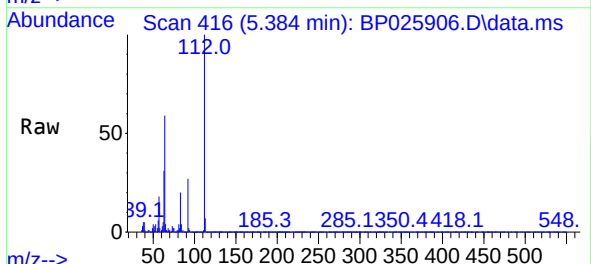
Instrument :
BNA_P
ClientSampleId :
ENV1-6FT

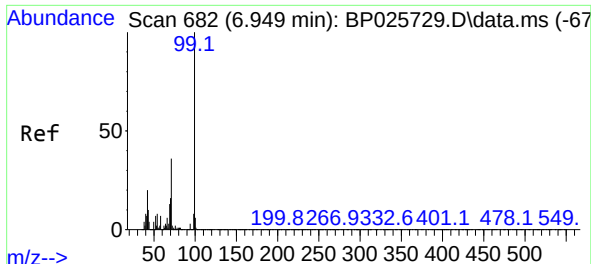
Tgt Ion:152 Resp: 186501
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 62.0 50.3 75.5



#5
2-Fluorophenol
Concen: 64.986 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion:112 Resp: 751142
Ion Ratio Lower Upper
112 100
64 59.0 50.2 75.4
63 31.1 26.7 40.1

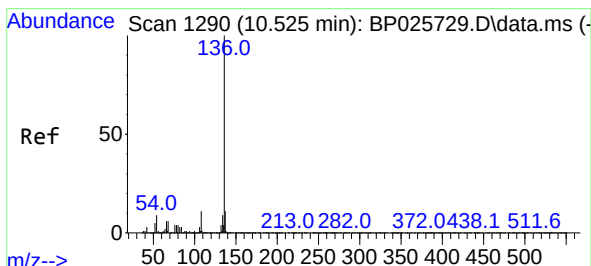
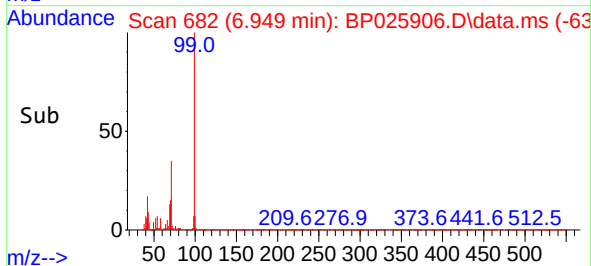
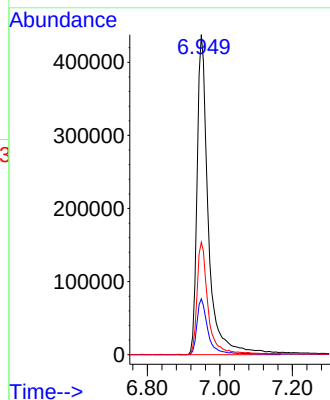
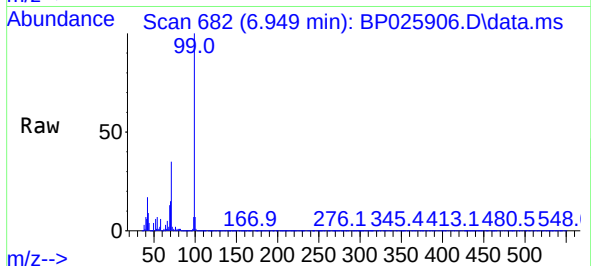




#7
Phenol-d6
Concen: 61.839 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

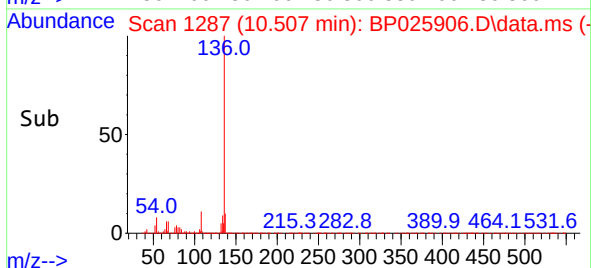
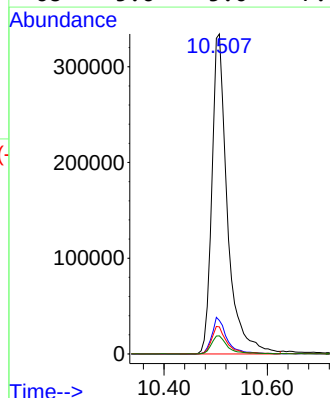
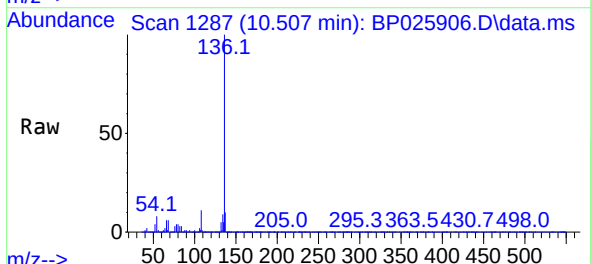
Instrument :
BNA_P
ClientSampleId :
ENV1-6FT

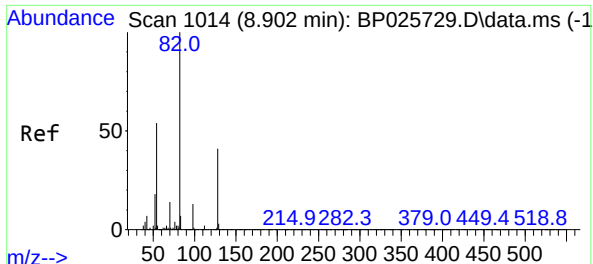
Tgt Ion: 99 Resp: 950049
Ion Ratio Lower Upper
99 100
42 17.5 15.6 23.4
71 35.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion:136 Resp: 697594
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.4 7.5 11.3
68 5.6 5.0 7.6

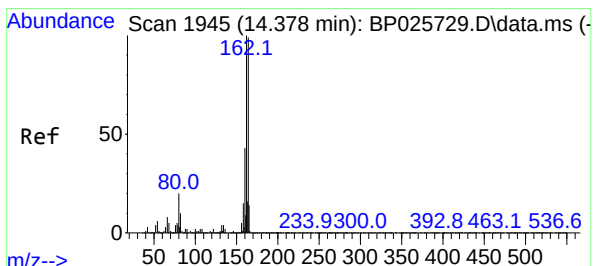
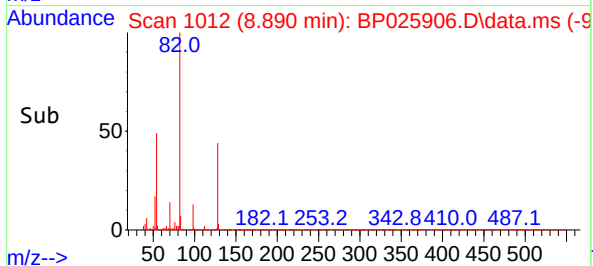
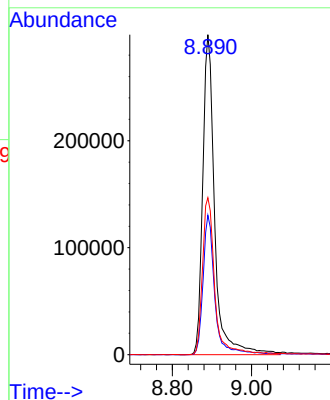
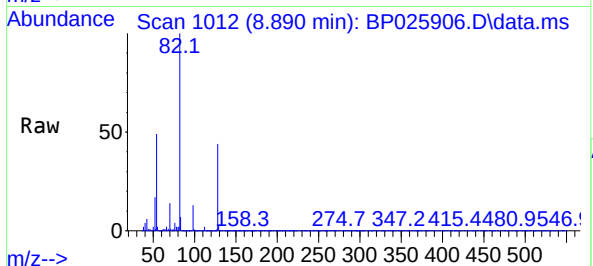




#23
Nitrobenzene-d5
Concen: 39.630 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

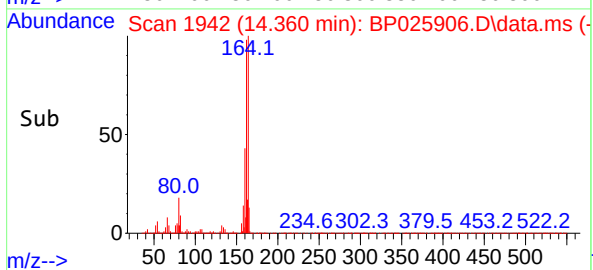
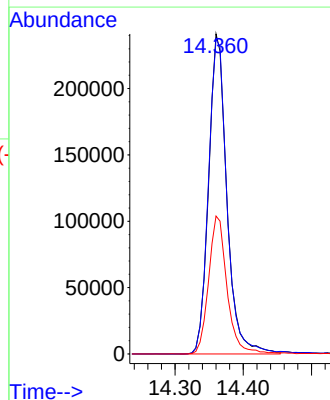
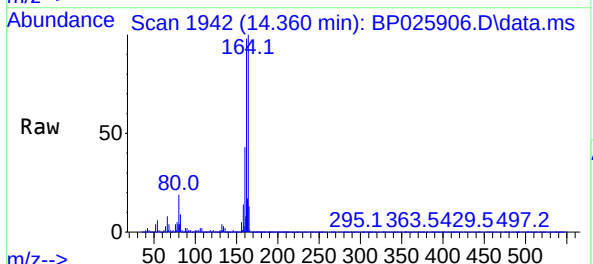
Instrument :
BNA_P
ClientSampleId :
ENV1-6FT

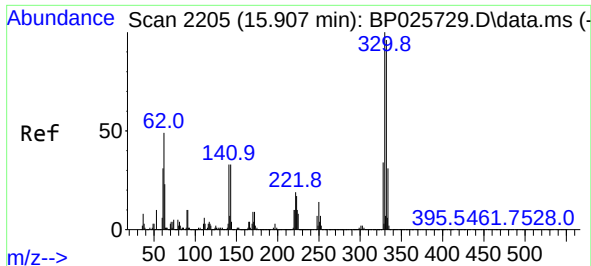
Tgt Ion: 82 Resp: 626723
Ion Ratio Lower Upper
82 100
128 43.6 32.9 49.3
54 49.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion:164 Resp: 448490
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 43.1 35.0 52.6

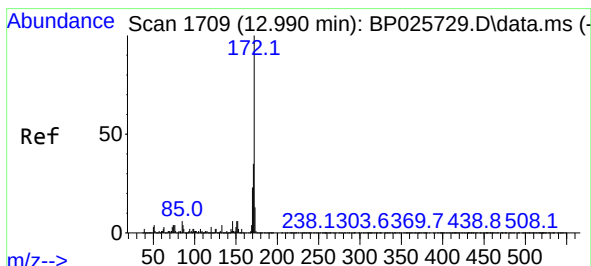
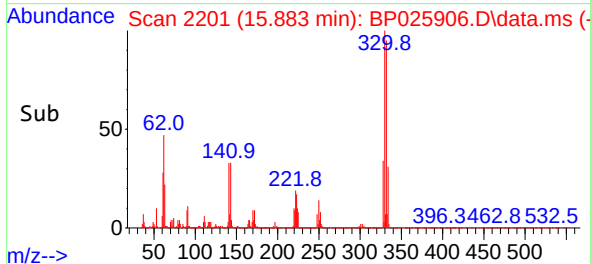
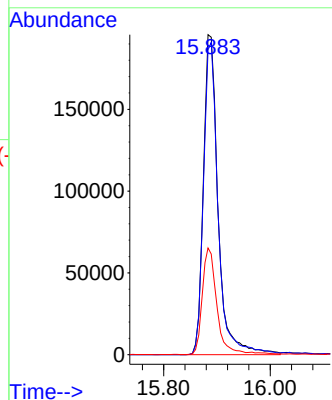
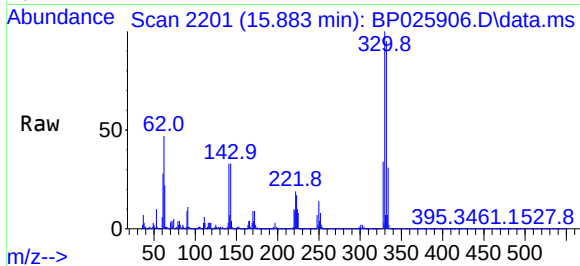




#42
2,4,6-Tribromophenol
Concen: 66.938 ng
RT: 15.883 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

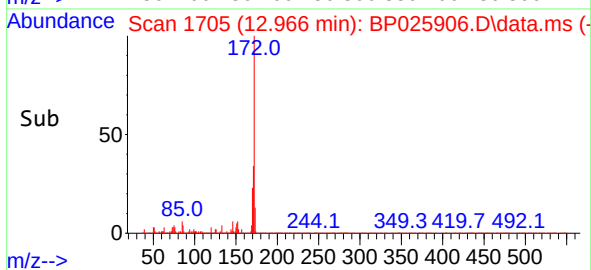
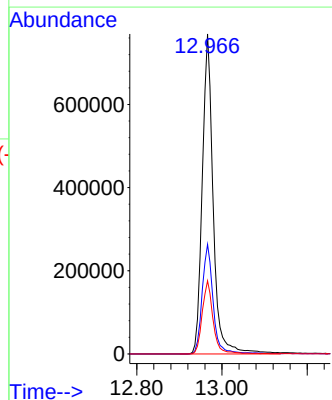
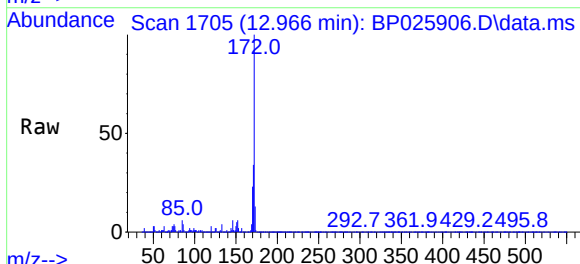
Instrument :
BNA_P
ClientSampleId :
ENV1-6FT

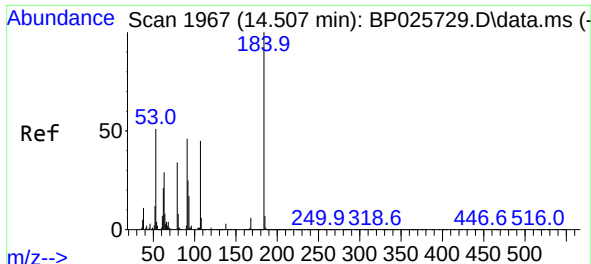
Tgt Ion: 330 Resp: 374454
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 33.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 40.767 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion: 172 Resp: 1373141
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.6 27.8



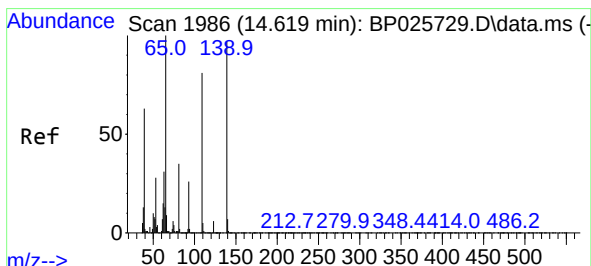
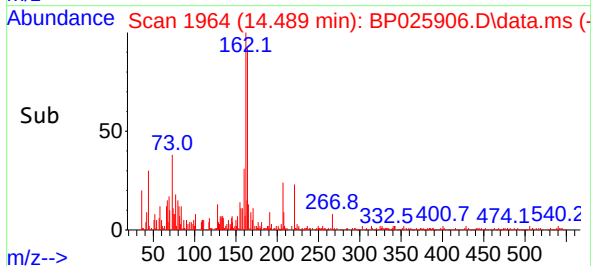
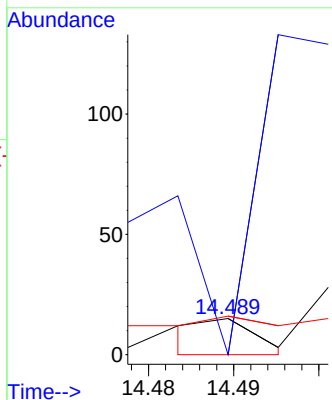
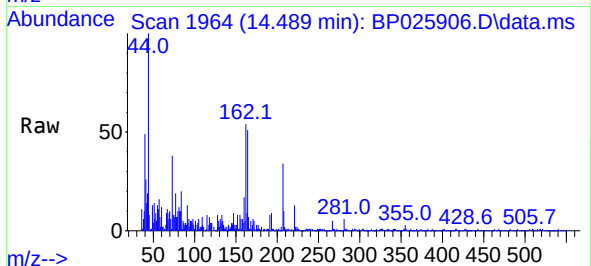


#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.489 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Instrument :
BNA_P
ClientSampleId :
ENV1-6FT

Tgt Ion:184 Resp: 6

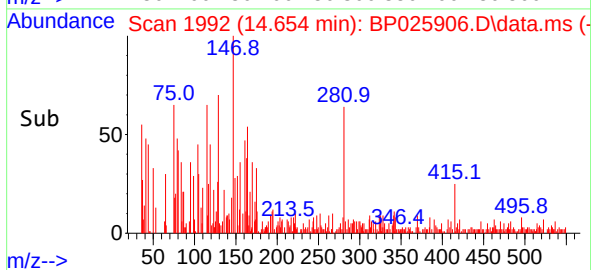
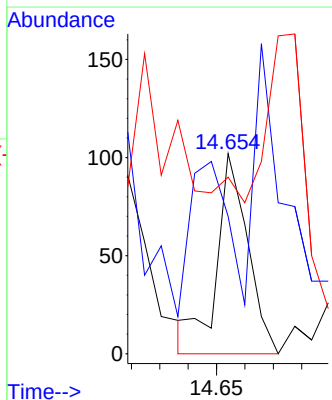
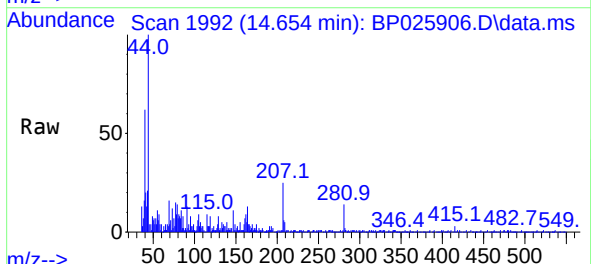
Ion	Ratio	Lower	Upper
184	100		
63	66.7	52.5	78.7
154	53.3	51.5	77.3

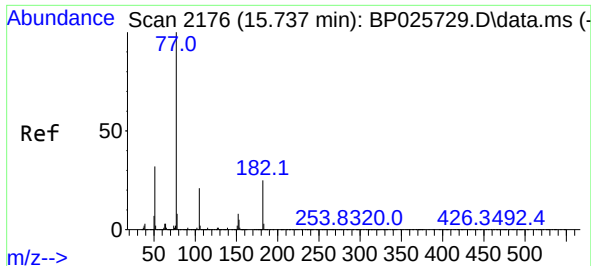


#56
4-Nitrophenol
Concen: 4.493 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.035 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion:139 Resp: 77

Ion	Ratio	Lower	Upper
139	100		
109	68.6	62.9	102.9
65	102.0	83.4	123.4

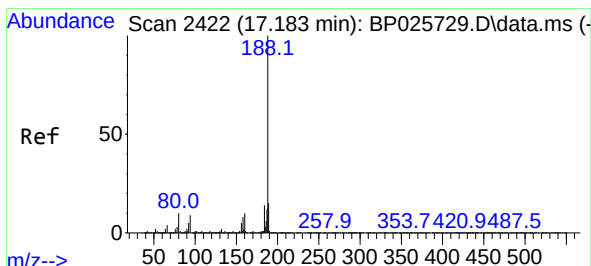
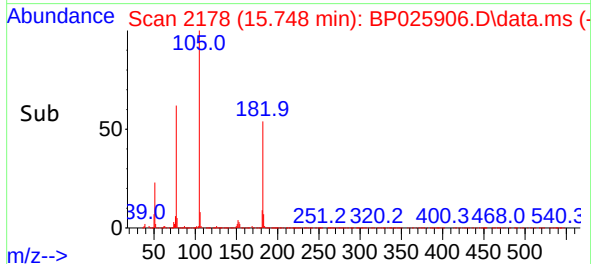
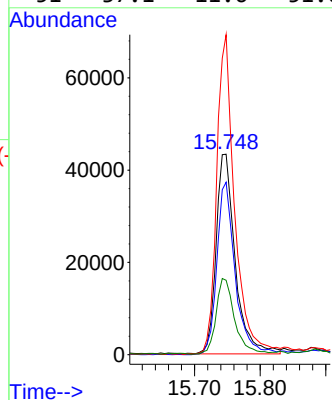
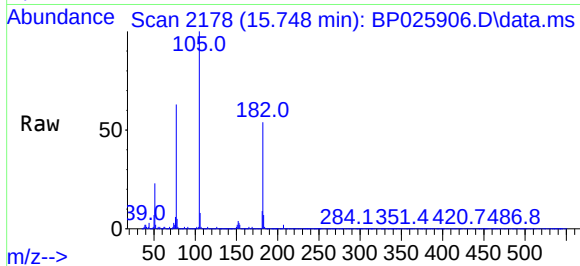




#63
Azobenzene
Concen: 2.614 ng
RT: 15.748 min Scan# 2176
Delta R.T. 0.012 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

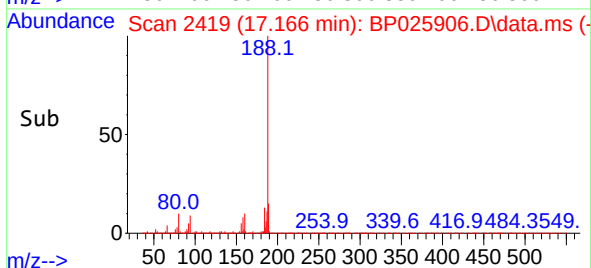
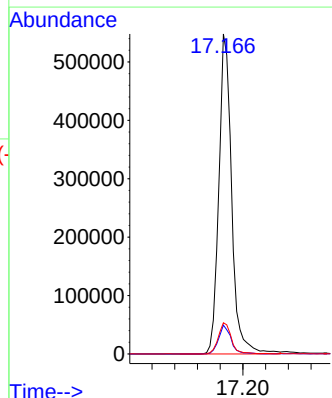
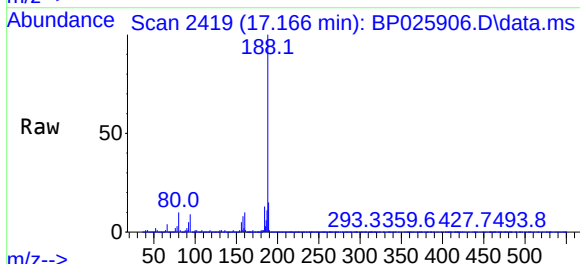
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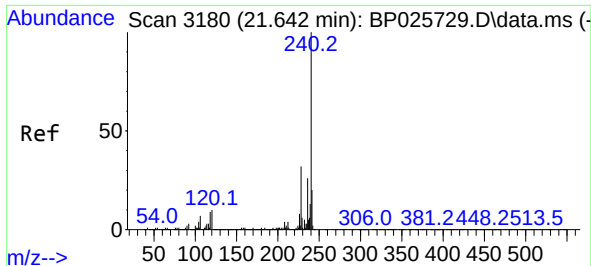
Tgt Ion: 77	Resp: 87795
Ion Ratio	Lower Upper
77 100	
182 86.0	5.2 45.2#
105 159.6	1.1 41.1#
51 37.1	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.018 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Tgt Ion: 188	Resp: 858512
Ion Ratio	Lower Upper
188 100	
94 9.0	7.4 11.0
80 9.8	7.7 11.5

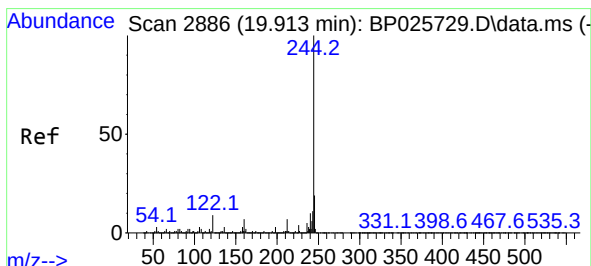
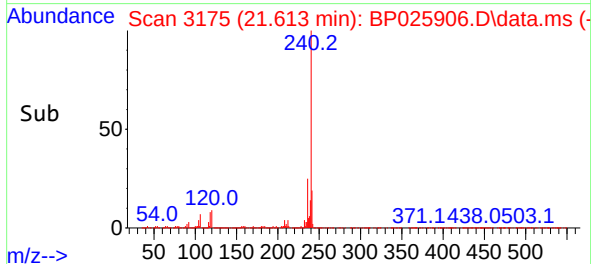
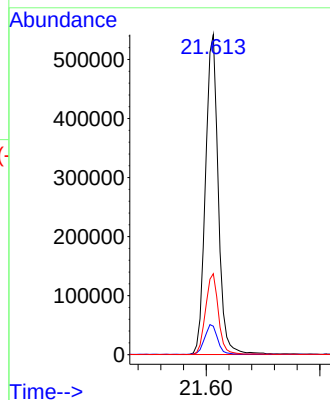
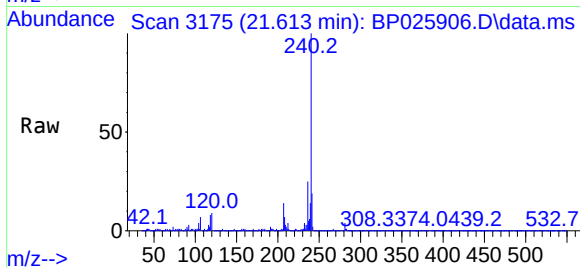




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

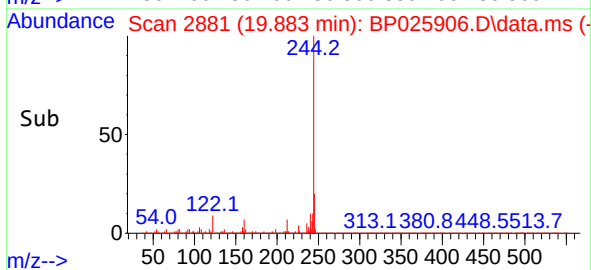
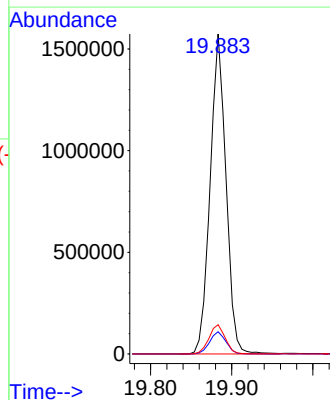
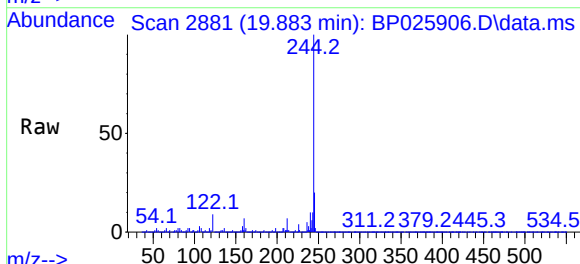
Instrument :
BNA_P
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ENV1-6FT

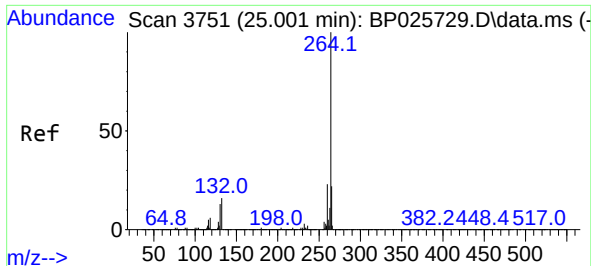
Tgt Ion:240 Resp: 845751
Ion Ratio Lower Upper
240 100
120 8.9 8.0 12.0
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 45.301 ng
RT: 19.883 min Scan# 2881
Delta R.T. -0.030 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

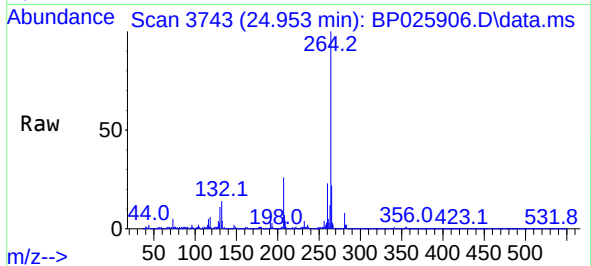
Tgt Ion:244 Resp: 2129727
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.1 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.953 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025906.D
Acq: 01 Oct 2025 18:34

Instrument :
BNA_P
ClientSampleId :
ENV1-6FT



Tgt Ion:264 Resp: 909638

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.5	17.3	25.9

