

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
 Data File : BP025907.D
 Acq On : 01 Oct 2025 19:15
 Operator : CG/JU
 Sample : Q3257-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV2-6FT

Quant Time: Oct 02 10:38:25 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)

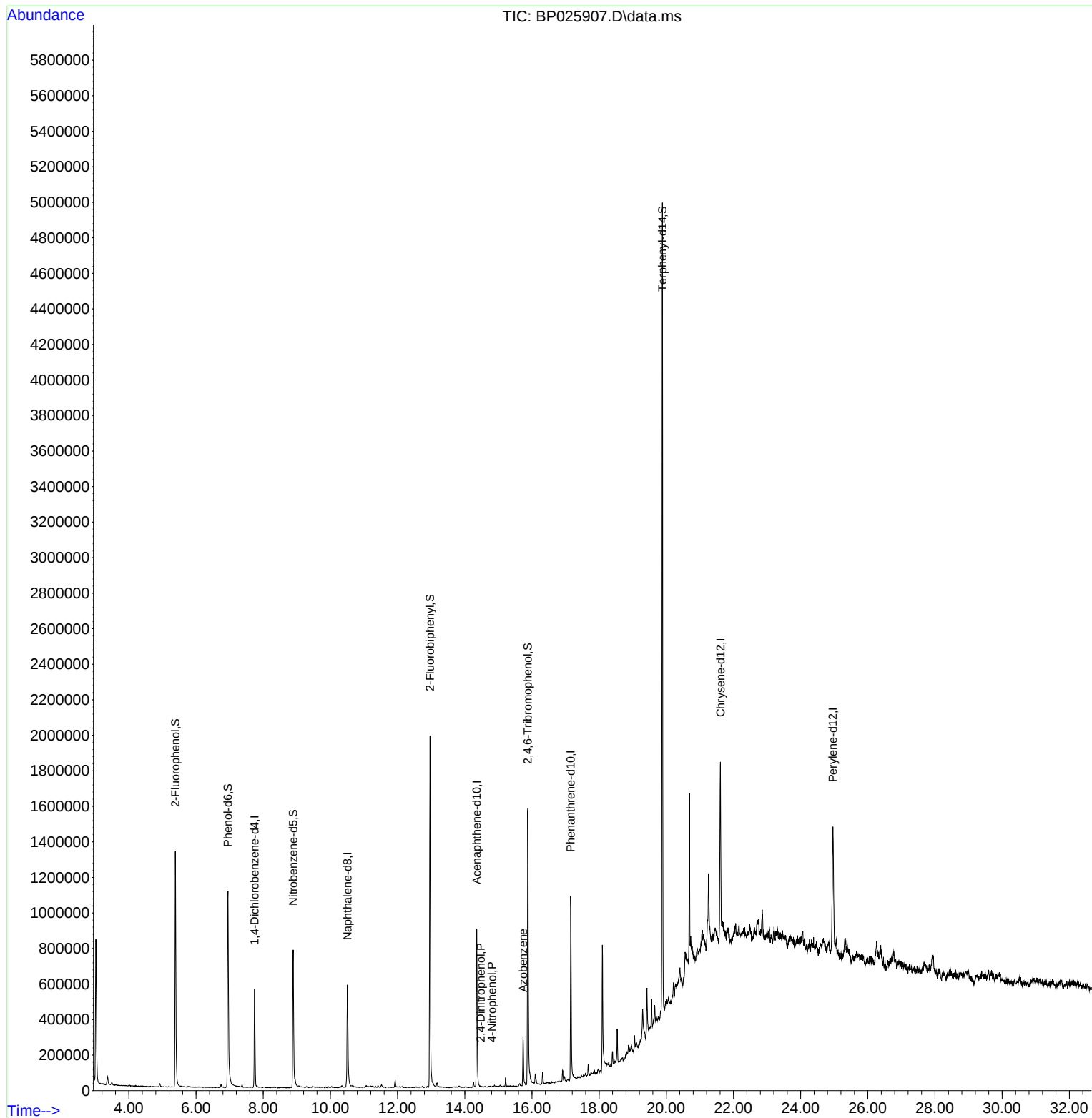
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	163453	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	606018	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	367641	20.000	ng	-0.02
64) Phenanthrene-d10	17.154	188	687637	20.000	ng	-0.03
76) Chrysene-d12	21.613	240	698335	20.000	ng	-0.03
86) Perylene-d12	24.960	264	789165	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	701736	69.273	ng	0.00
7) Phenol-d6	6.949	99	905713	67.266	ng	0.00
23) Nitrobenzene-d5	8.890	82	568514	41.381	ng	-0.01
42) 2,4,6-Tribromophenol	15.878	330	388509	84.724	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	1190749	43.126	ng	-0.02
79) Terphenyl-d14	19.883	244	2194316	56.528	ng	-0.03
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.478	184	13	4.828	ng	# 1
56) 4-Nitrophenol	14.807	139	148	4.508	ng	96
63) Azobenzene	15.736	77	95677	3.475	ng	# 1

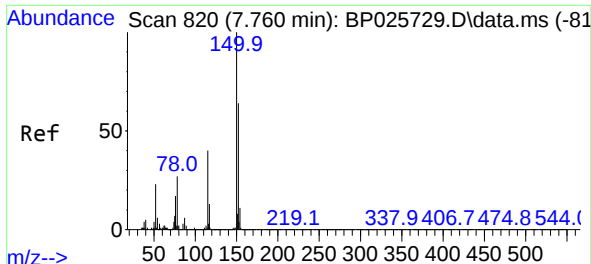
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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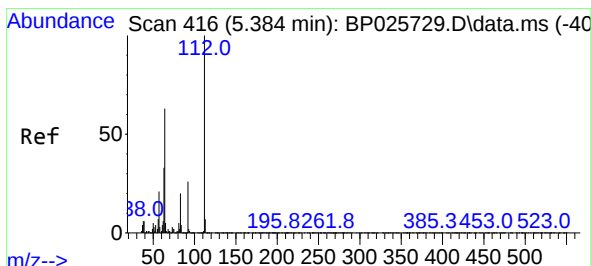
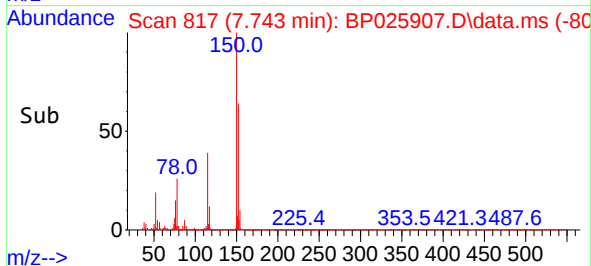
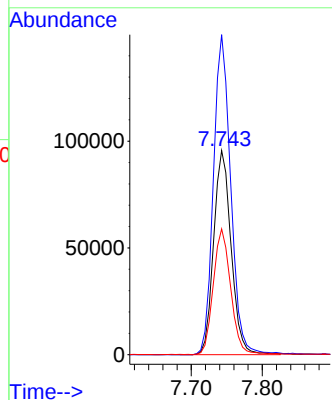
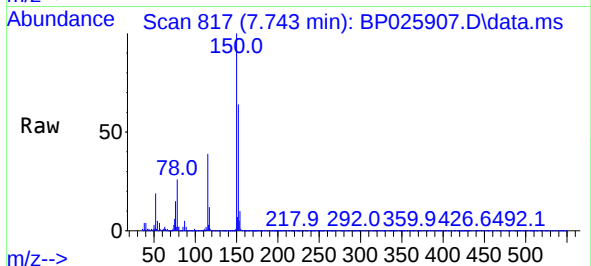




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

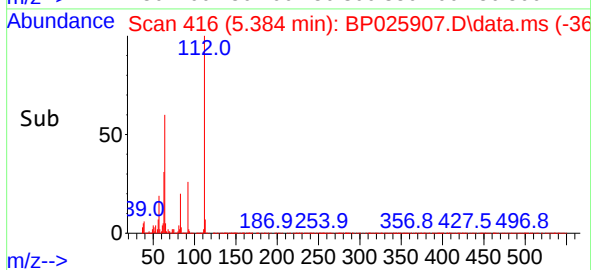
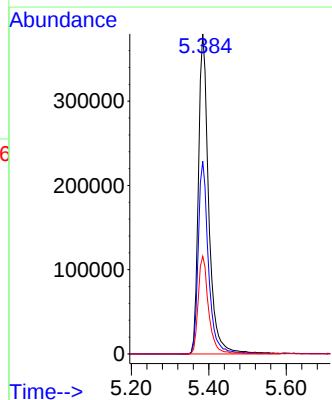
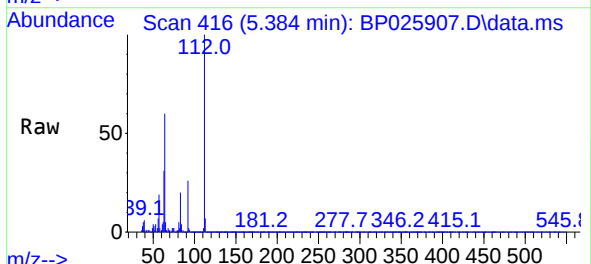
Instrument :
BNA_P
ClientSampleId :
ENV2-6FT

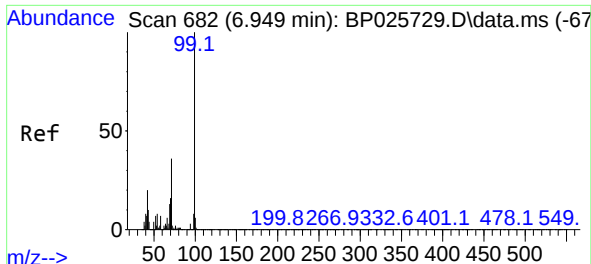
Tgt Ion:152 Resp: 163453
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 61.6 50.3 75.5



#5
2-Fluorophenol
Concen: 69.273 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion:112 Resp: 701736
Ion Ratio Lower Upper
112 100
64 60.2 50.2 75.4
63 30.5 26.7 40.1

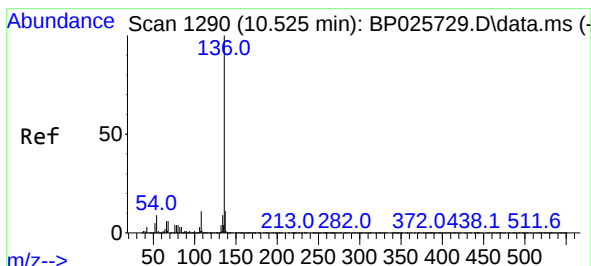
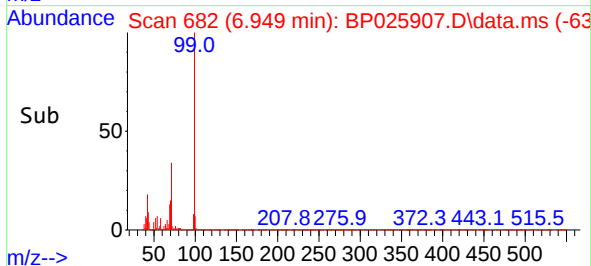
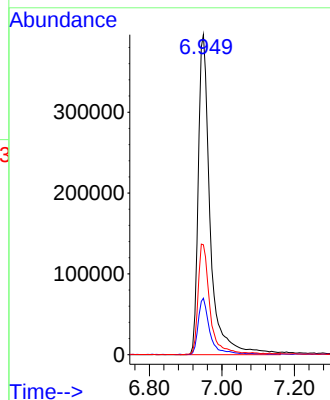
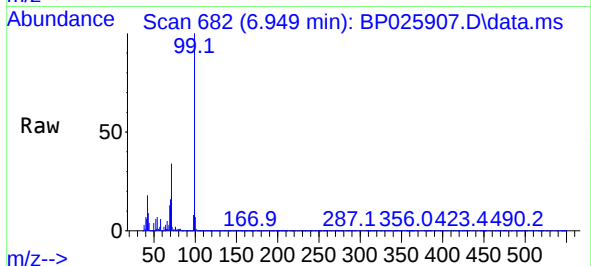




#7
Phenol-d6
Concen: 67.266 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

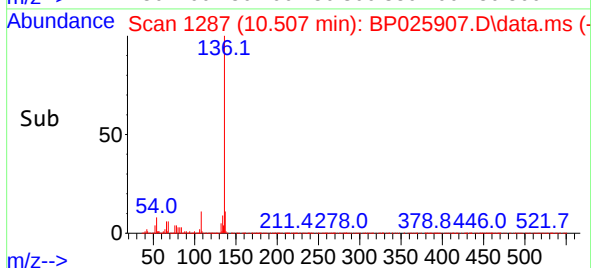
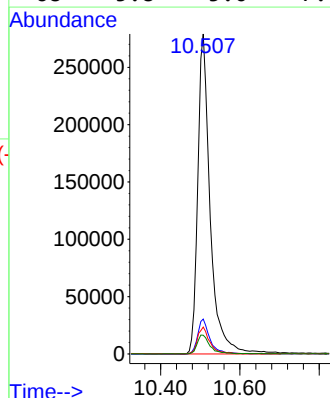
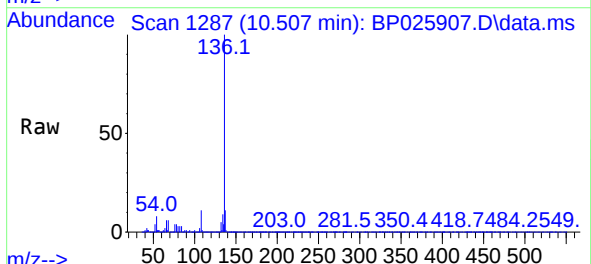
Instrument :
BNA_P
ClientSampleId :
ENV2-6FT

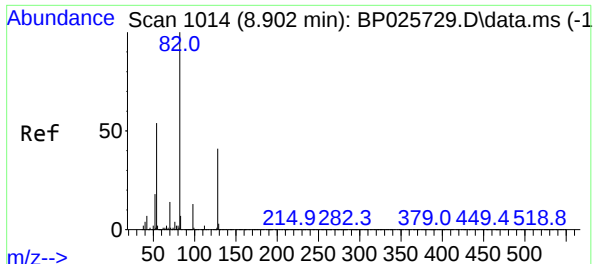
Tgt Ion: 99 Resp: 905713
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 34.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion:136 Resp: 606018
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.4 7.5 11.3
68 5.8 5.0 7.6

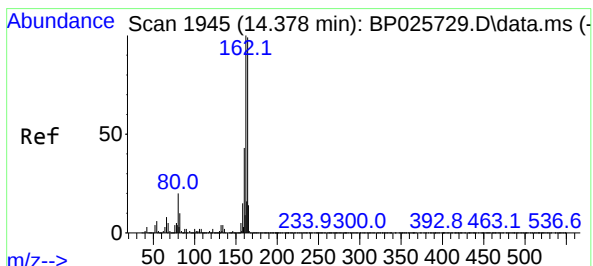
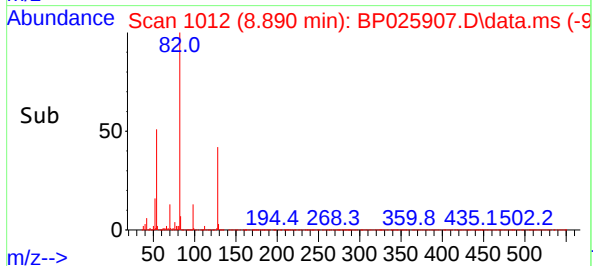
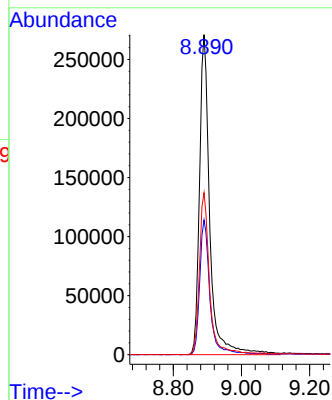
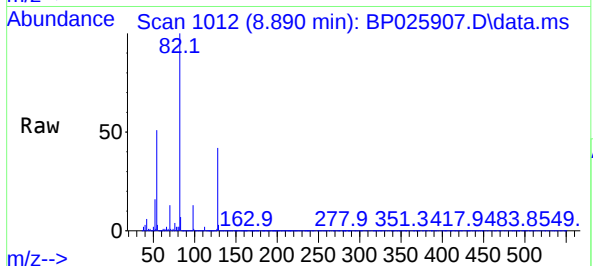




#23
Nitrobenzene-d5
Concen: 41.381 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

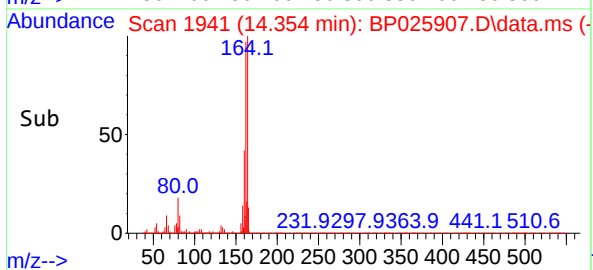
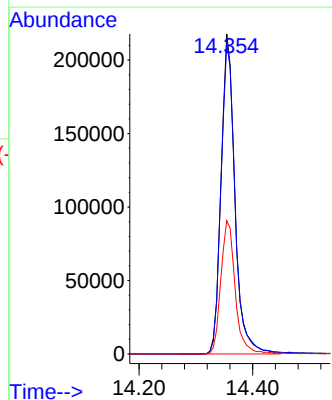
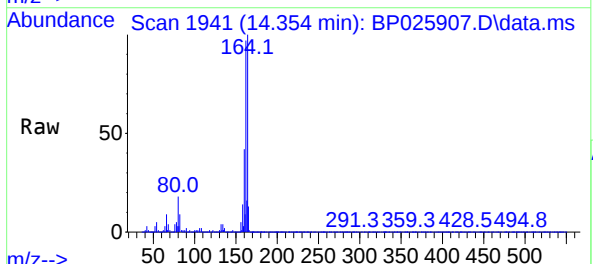
Instrument :
BNA_P
ClientSampleId :
ENV2-6FT

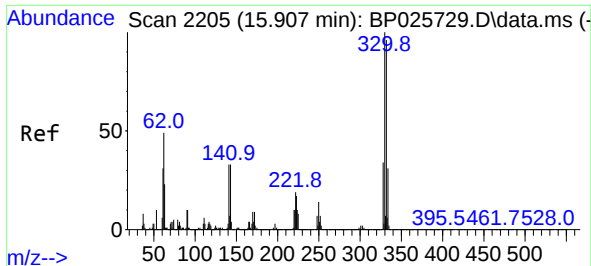
Tgt Ion: 82 Resp: 568514
Ion Ratio Lower Upper
82 100
128 42.1 32.9 49.3
54 50.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion: 164 Resp: 367641
Ion Ratio Lower Upper
164 100
162 97.1 80.6 120.8
160 41.7 35.0 52.6

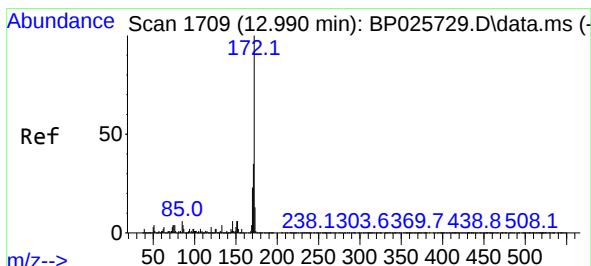
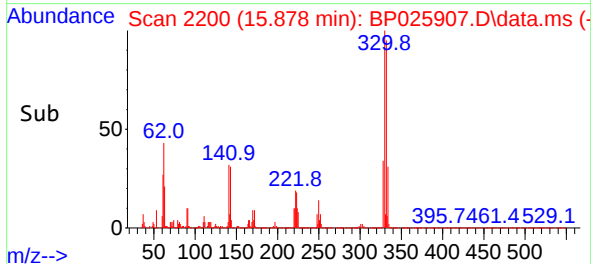
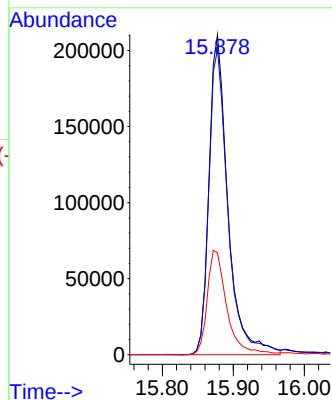
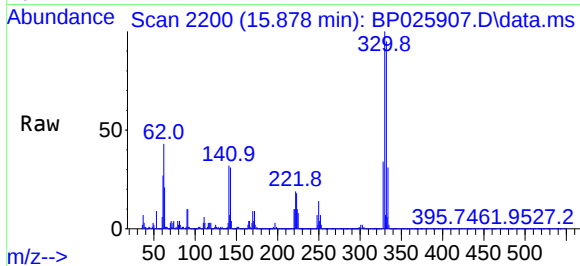




#42
2,4,6-Tribromophenol
Concen: 84.724 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

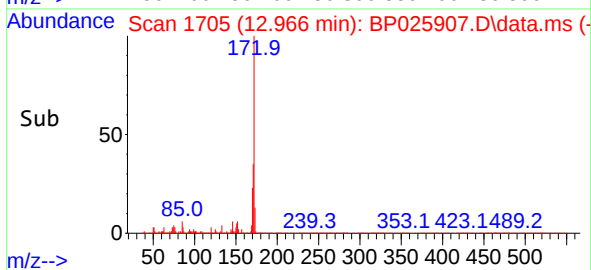
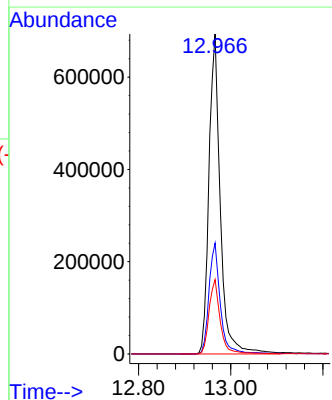
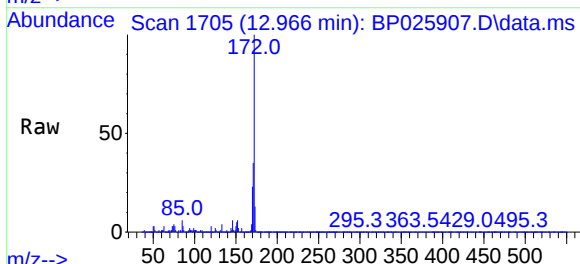
Instrument :
BNA_P
ClientSampleId :
ENV2-6FT

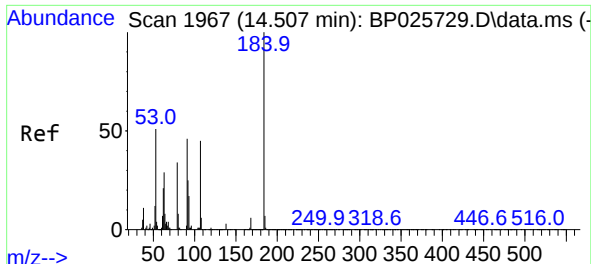
Tgt Ion:330 Resp: 388509
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 33.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 43.126 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion:172 Resp: 1190749
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 27.8

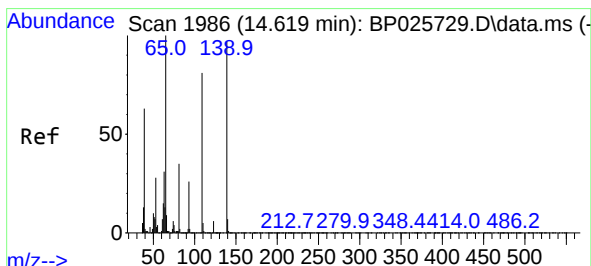
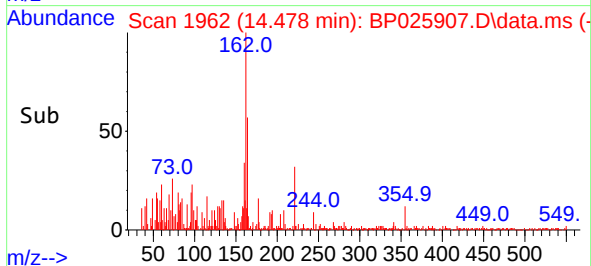
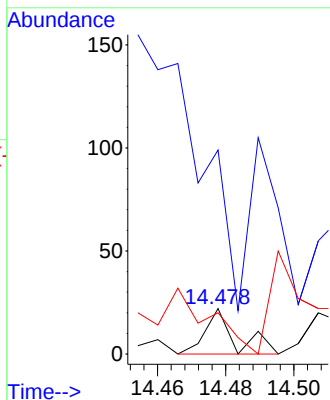
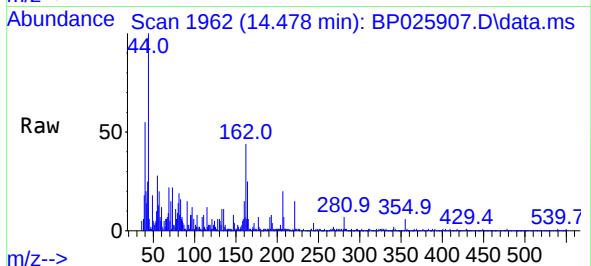




#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.478 min Scan# 1967
Delta R.T. -0.029 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

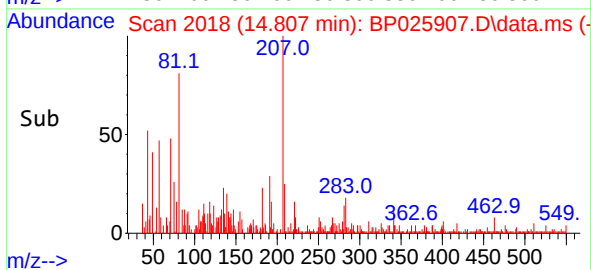
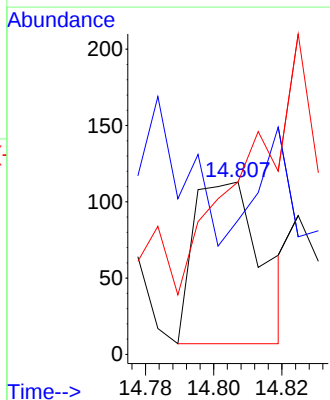
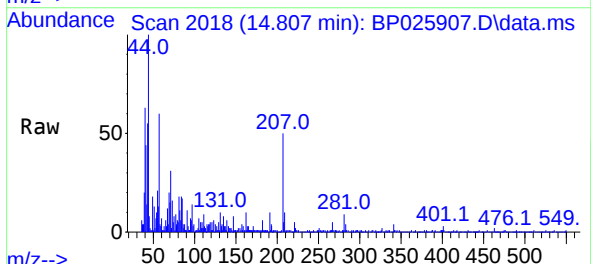
Instrument :
BNA_P
ClientSampleId :
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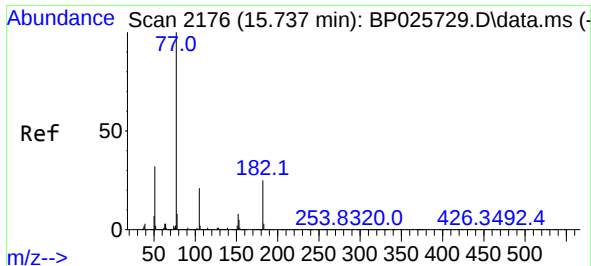
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 450.0 52.5 78.7#
154 90.9 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.508 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.188 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion:139 Resp: 148
Ion Ratio Lower Upper
139 100
109 77.9 62.9 102.9
65 100.0 83.4 123.4

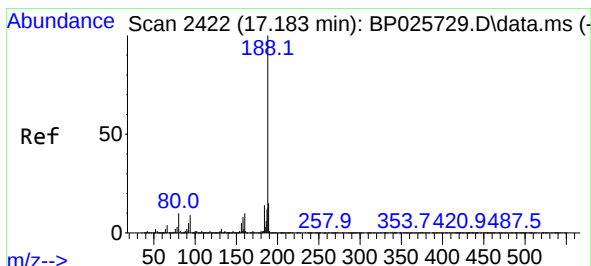
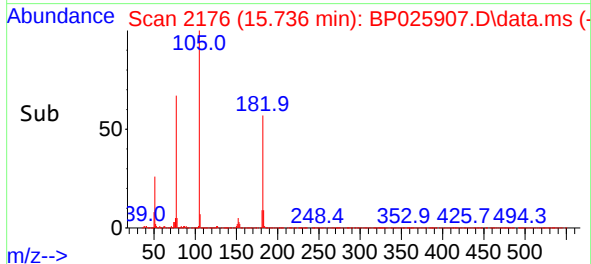
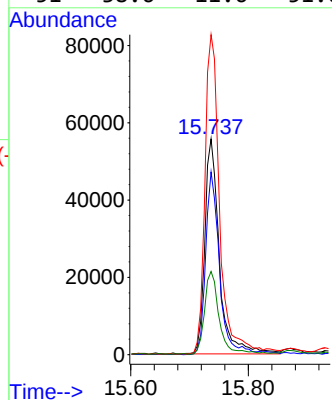
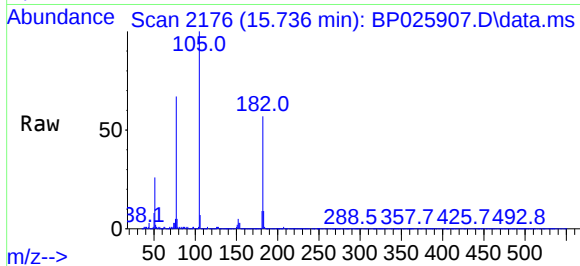




#63
Azobenzene
Concen: 3.475 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

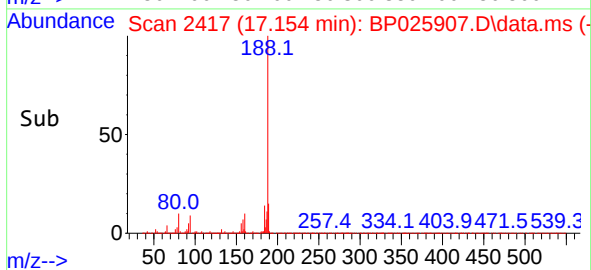
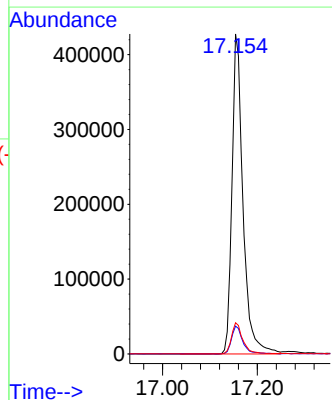
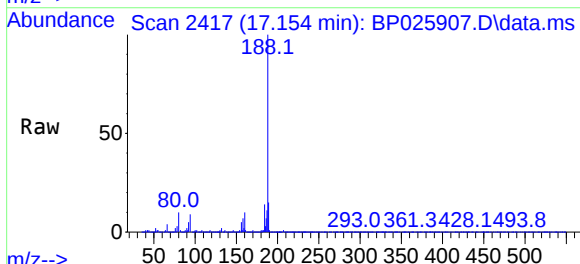
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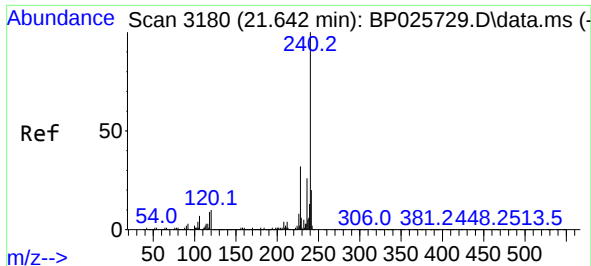
Tgt Ion:	77	Resp:	95677
Ion	Ratio	Lower	Upper
77	100		
182	84.7	5.2	45.2#
105	148.3	1.1	41.1#
51	38.6	11.6	51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

Tgt Ion:	188	Resp:	687637
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	9.8	7.7	11.5

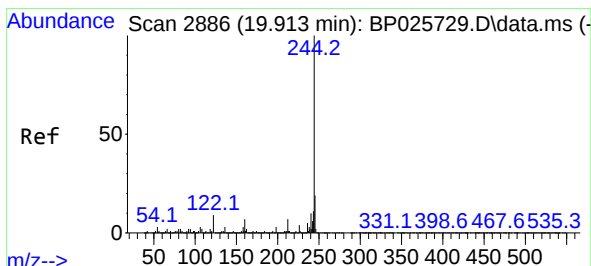
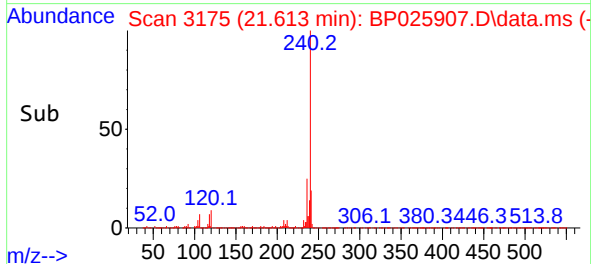
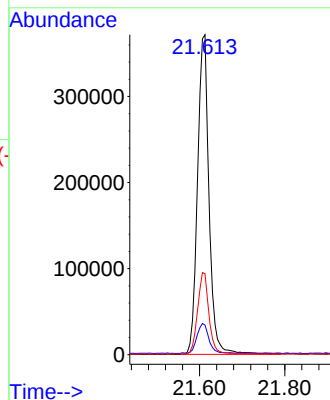
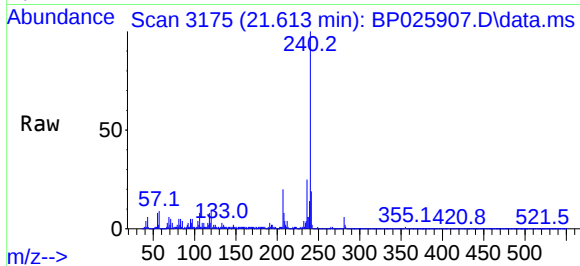




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3180
Delta R.T. -0.029 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

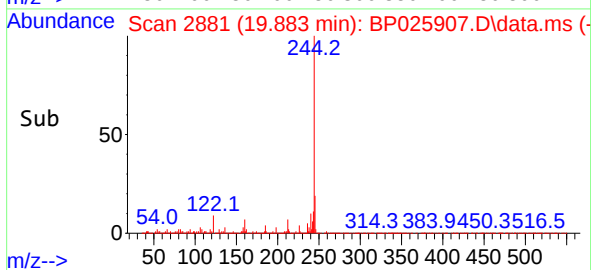
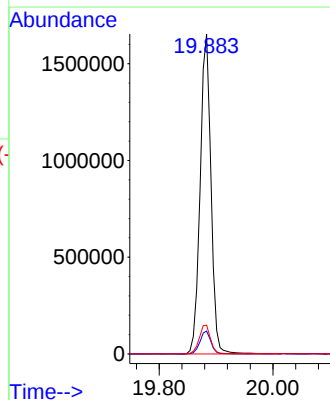
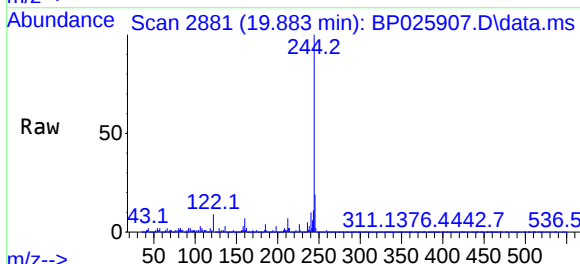
Instrument :
BNA_P
ClientSampleId :
ENV2-6FT

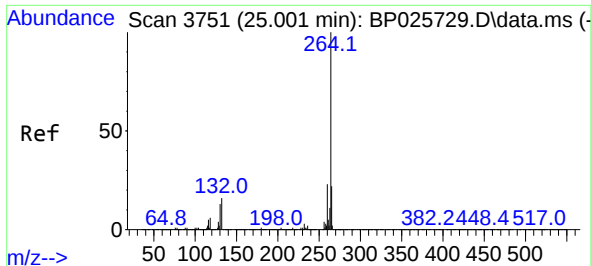
Tgt Ion:240 Resp: 698335
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 56.528 ng
RT: 19.883 min Scan# 2881
Delta R.T. -0.029 min
Lab File: BP025907.D
Acq: 01 Oct 2025 19:15

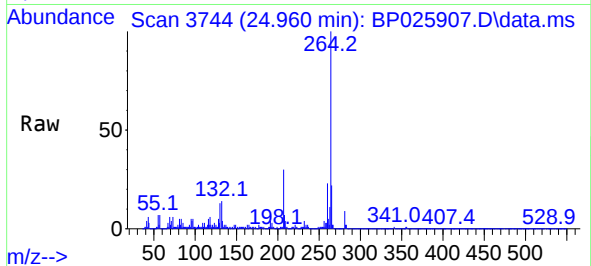
Tgt Ion:244 Resp: 2194316
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.0 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.960 min Scan# 31
 Delta R.T. -0.041 min
 Lab File: BP025907.D
 Acq: 01 Oct 2025 19:15

Instrument :
 BNA_P
 ClientSampleId :
 ENV2-6FT



Tgt Ion:264 Resp: 789165
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 22.4 17.3 25.9

