

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
 Data File : BP025902.D
 Acq On : 01 Oct 2025 15:49
 Operator : CG/JU
 Sample : PB169936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169936BL

Quant Time: Oct 01 16:12:27 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)

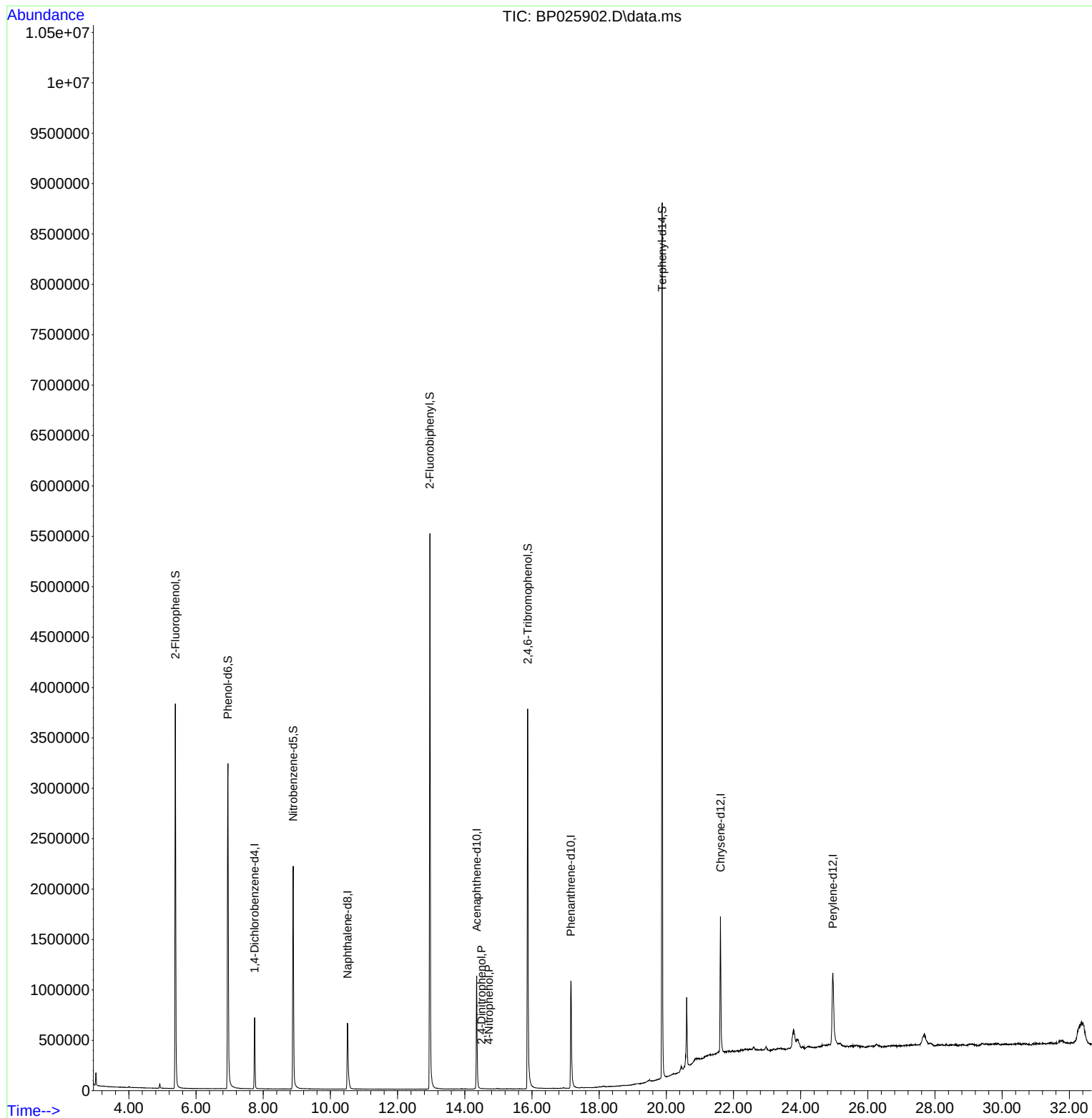
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	202580	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	767867	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	474978	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	939544	20.000	ng	-0.02
76) Chrysene-d12	21.613	240	929664	20.000	ng	-0.03
86) Perylene-d12	24.960	264	989236	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1857870	147.979	ng	0.00
7) Phenol-d6	6.949	99	2291905	137.340	ng	0.00
23) Nitrobenzene-d5	8.890	82	1467343	84.293	ng	-0.01
42) 2,4,6-Tribromophenol	15.872	330	908244	153.306	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	3207426	89.914	ng	-0.03
79) Terphenyl-d14	19.877	244	4828161	93.429	ng	-0.04
Target Compounds						
54) 2,4-Dinitrophenol	14.495	184	52	4.834	ng	# 1
56) 4-Nitrophenol	14.713	139	29	4.486	ng	89

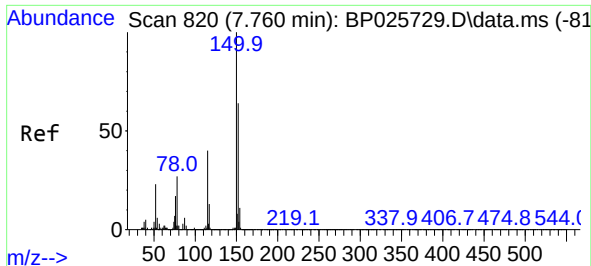
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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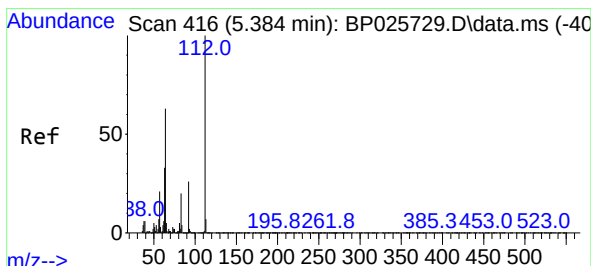
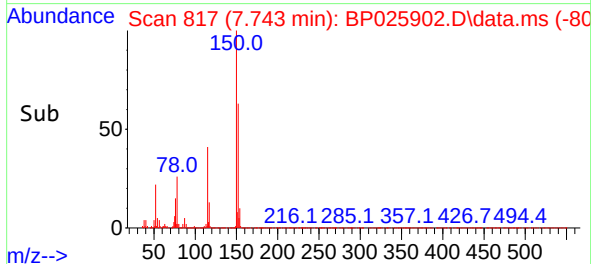
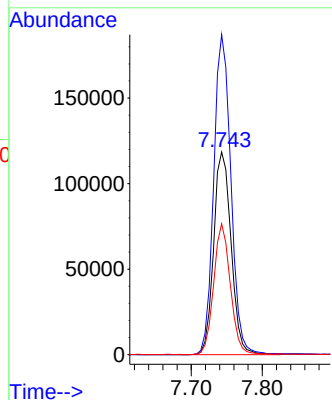
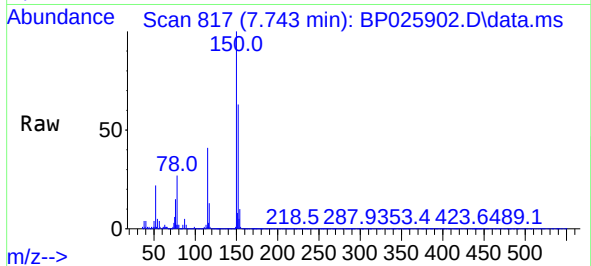




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

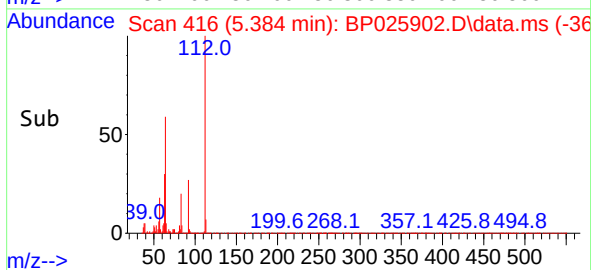
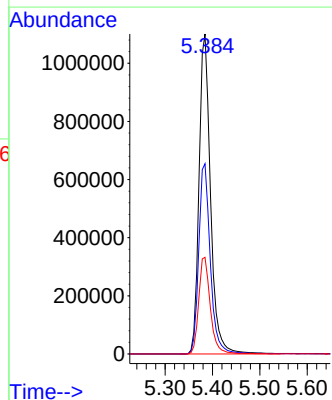
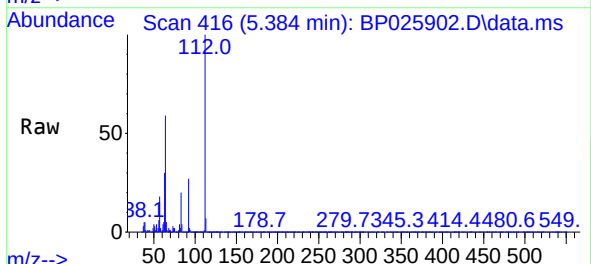
Instrument :
BNA_P
ClientSampleId :
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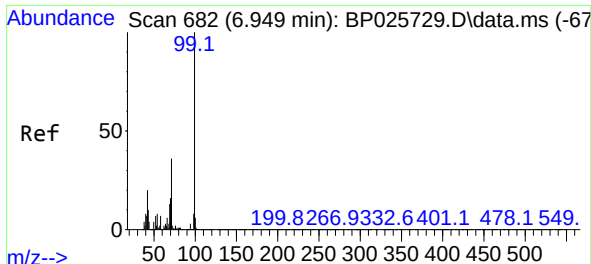
Tgt Ion:152 Resp: 202580
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 64.5 50.3 75.5



#5
2-Fluorophenol
Concen: 147.979 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion:112 Resp: 1857870
Ion Ratio Lower Upper
112 100
64 59.4 50.2 75.4
63 30.2 26.7 40.1

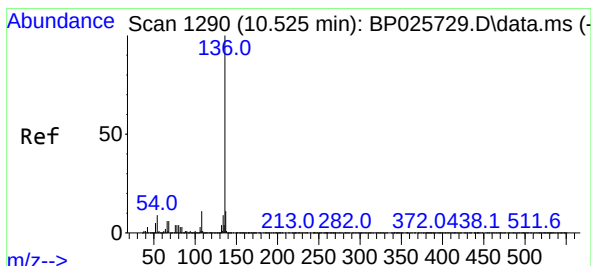
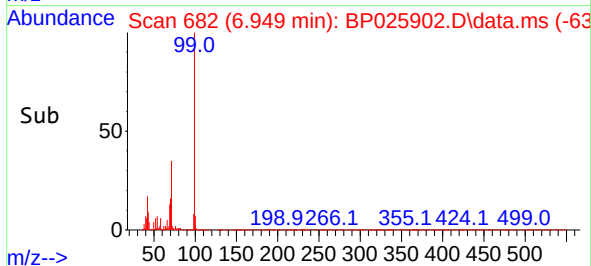
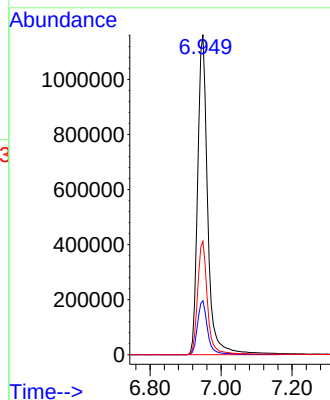
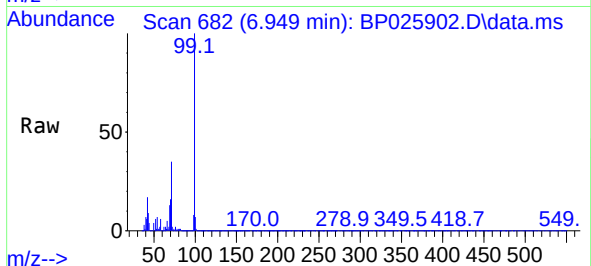




#7
Phenol-d6
Concen: 137.340 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

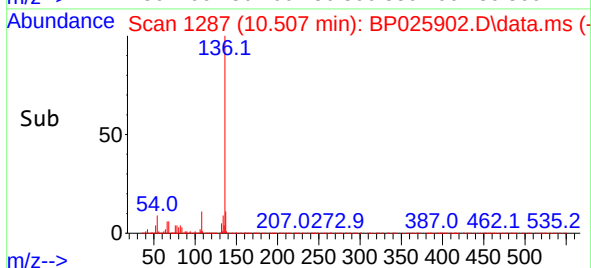
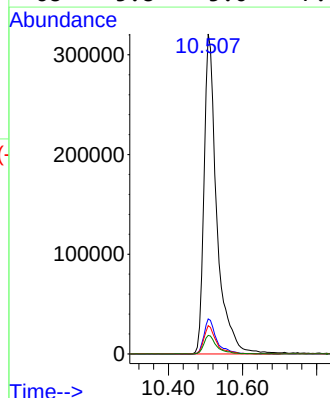
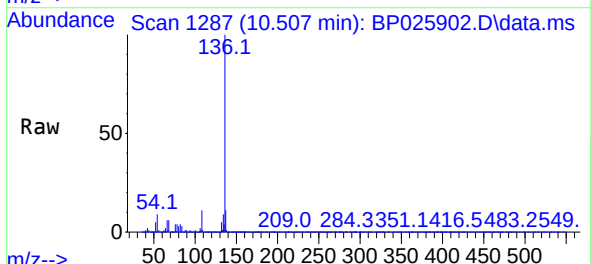
Instrument :
BNA_P
ClientSampleId :
PB169936BL

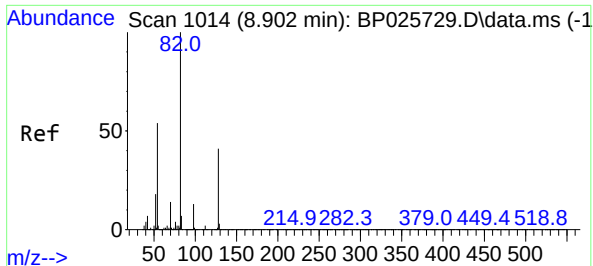
Tgt Ion: 99 Resp: 2291905
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion: 136 Resp: 767867
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.8 7.5 11.3
68 5.8 5.0 7.6

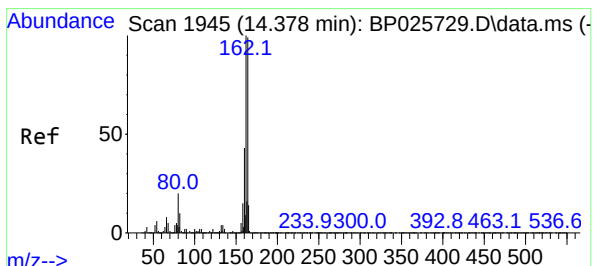
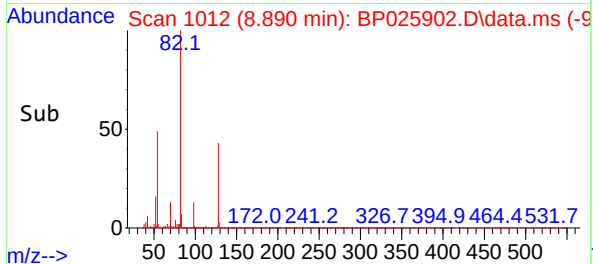
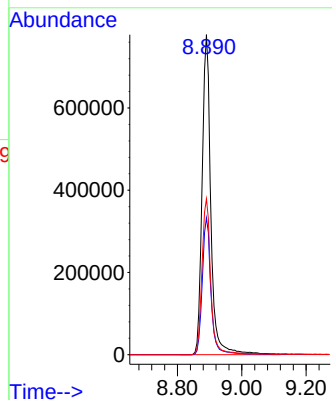
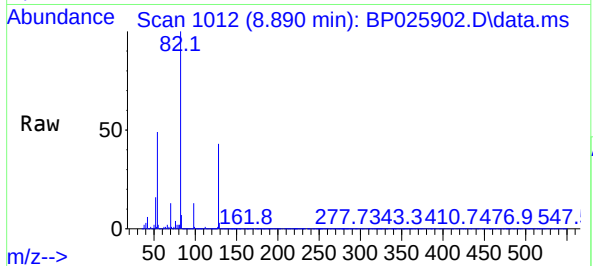




#23
Nitrobenzene-d5
Concen: 84.293 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

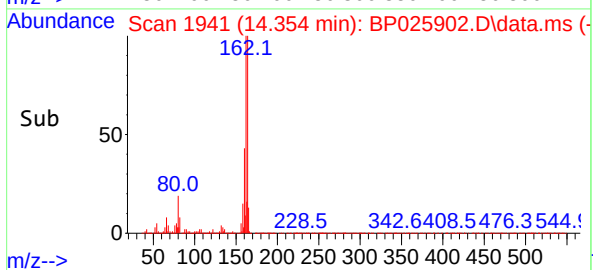
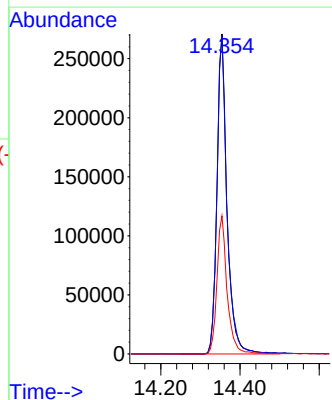
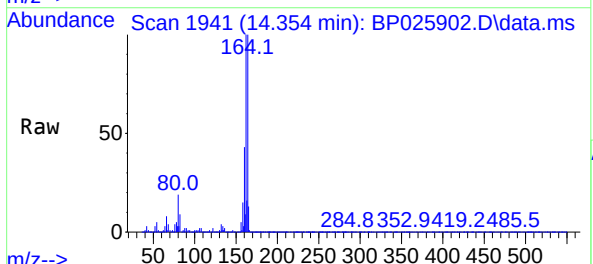
Instrument :
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ClientSampleId :
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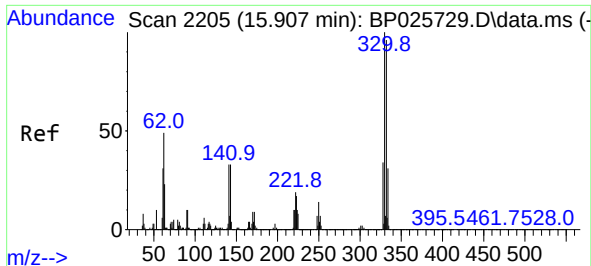
Tgt Ion: 82 Resp: 1467343
Ion Ratio Lower Upper
82 100
128 42.8 32.9 49.3
54 48.7 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion: 164 Resp: 474978
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 43.2 35.0 52.6

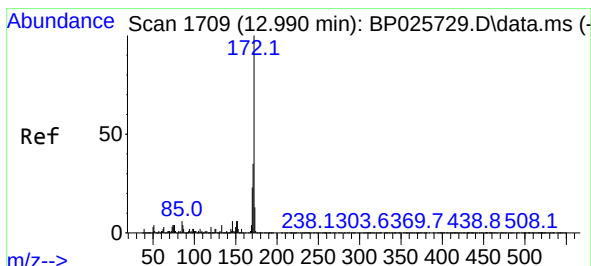
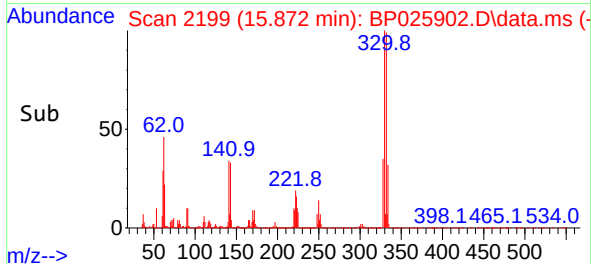
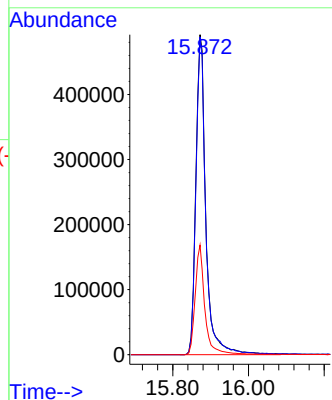
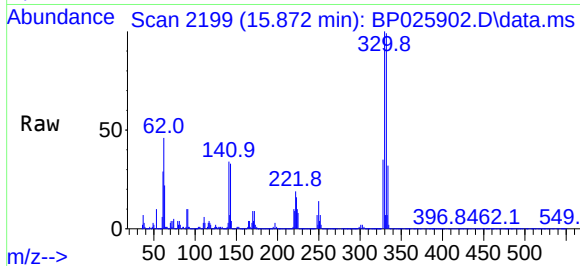




#42
2,4,6-Tribromophenol
Concen: 153.306 ng
RT: 15.872 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

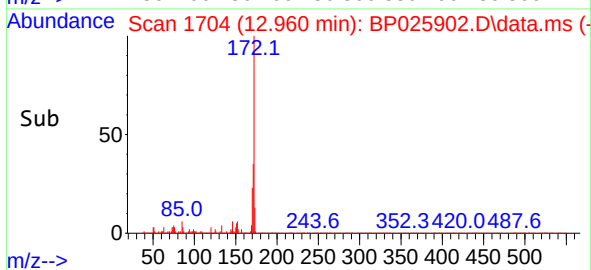
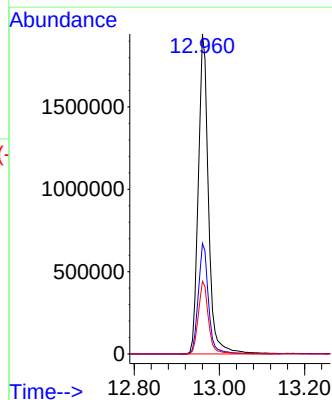
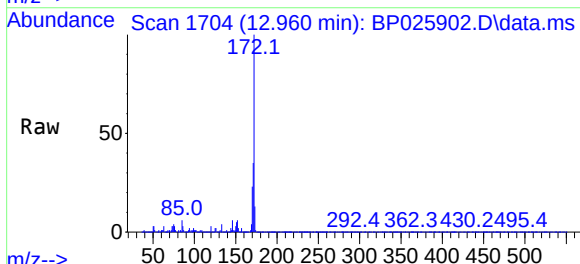
Instrument :
BNA_P
ClientSampleId :
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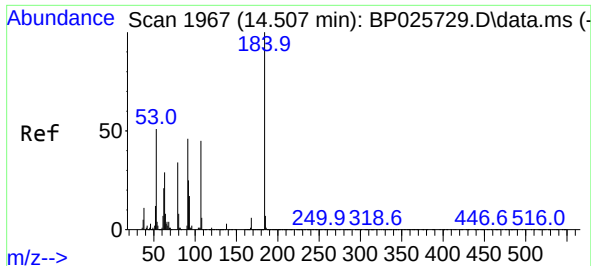
Tgt Ion:330 Resp: 908244
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 33.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 89.914 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion:172 Resp: 3207426
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.7 18.6 27.8

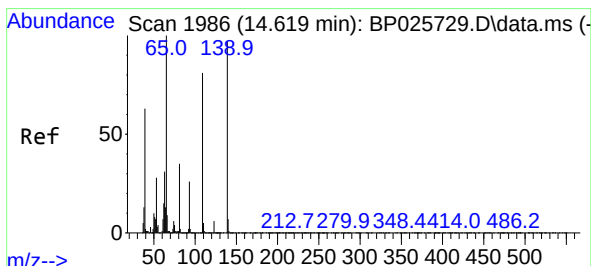
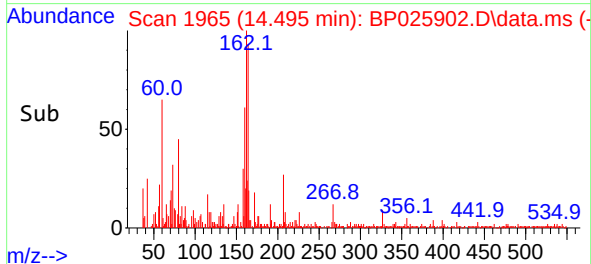
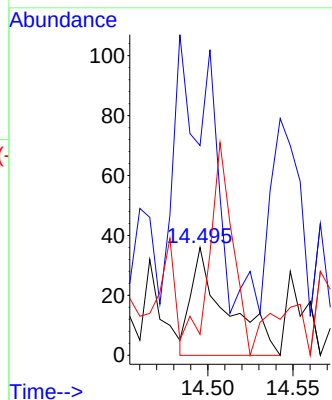
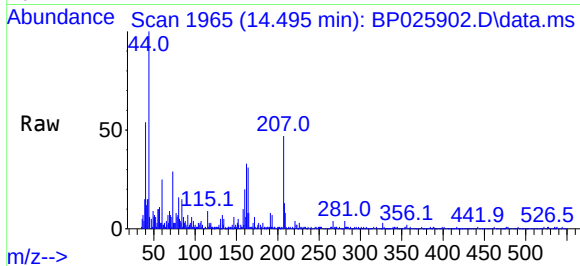




#54
2,4-Dinitrophenol
Concen: 4.834 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

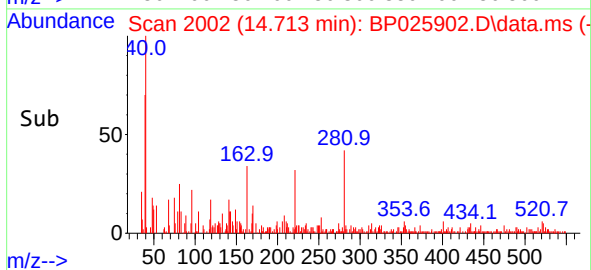
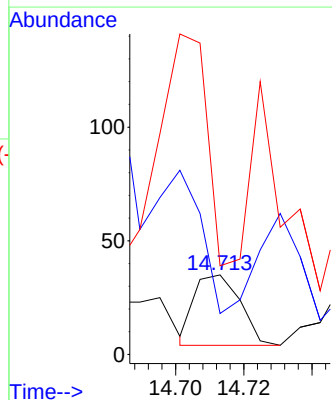
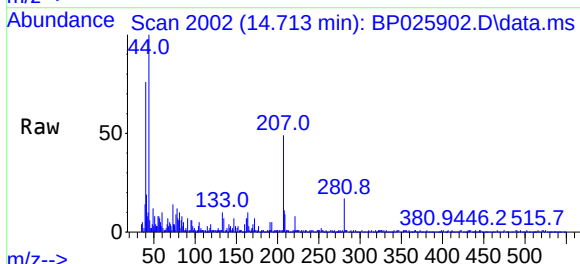
Instrument :
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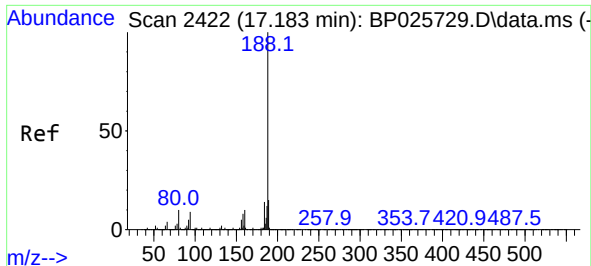
Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 194.4 52.5 78.7#
154 19.4 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.713 min Scan# 2002
Delta R.T. 0.094 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 97.1 62.9 102.9
65 111.4 83.4 123.4

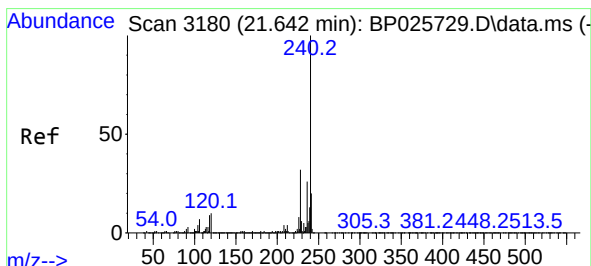
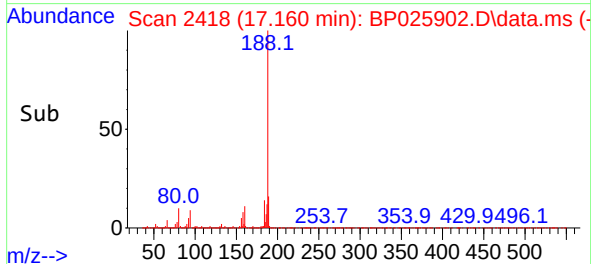
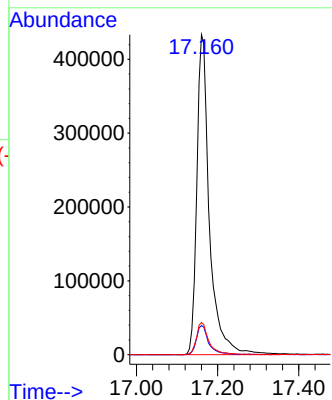
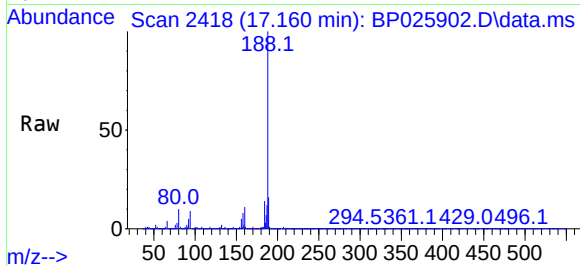




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.024 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

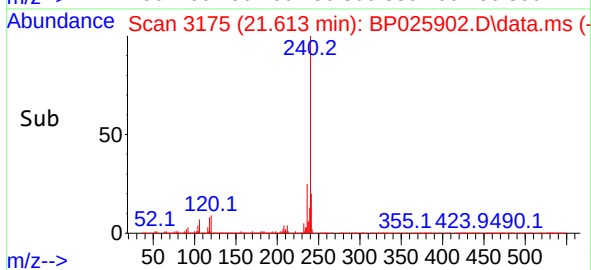
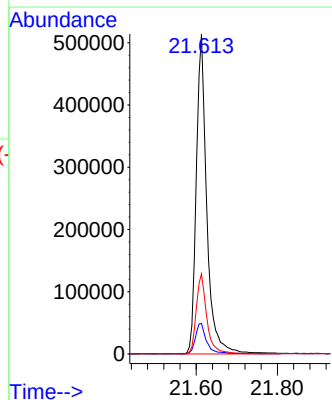
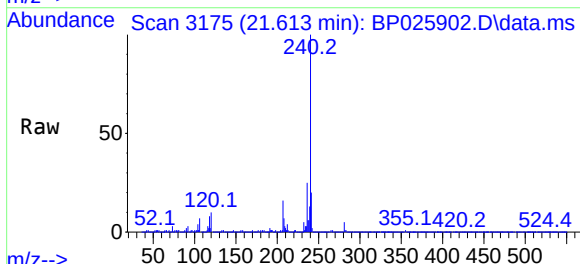
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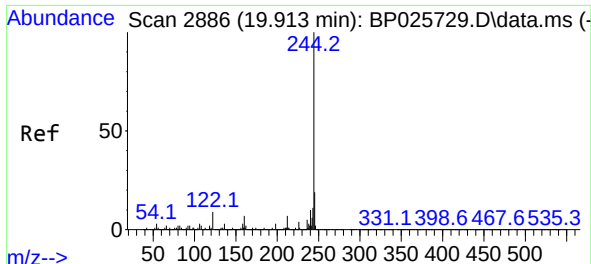
Tgt Ion:188 Resp: 939544
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion:240 Resp: 929664
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.0 20.7 31.1

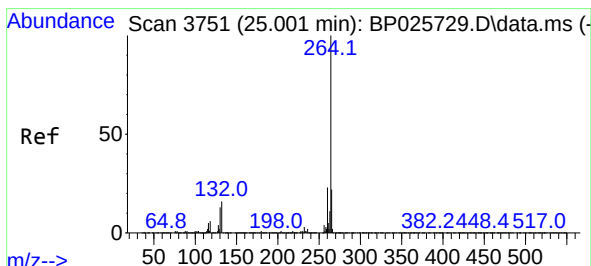
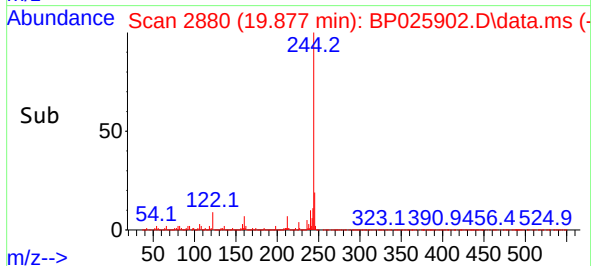
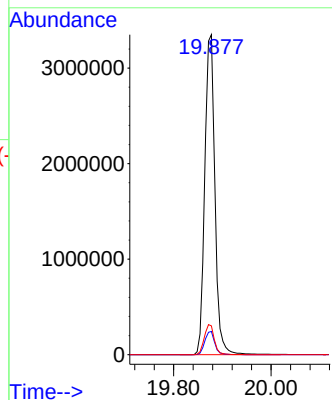
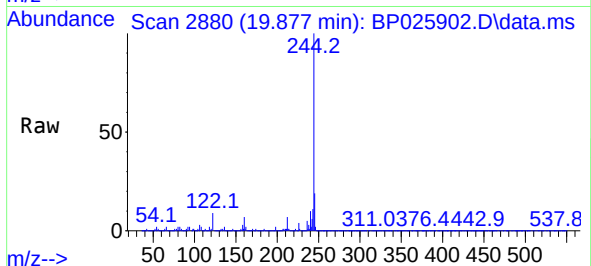




#79
Terphenyl-d14
Concen: 93.429 ng
RT: 19.877 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Instrument :
BNA_P
ClientSampleId :
PB169936BL

Tgt Ion:244 Resp: 4828161
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.0 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.960 min Scan# 3744
Delta R.T. -0.041 min
Lab File: BP025902.D
Acq: 01 Oct 2025 15:49

Tgt Ion:264 Resp: 989236
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 22.6 17.3 25.9

