

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025925.D
 Acq On : 06 Oct 2025 16:15
 Operator : CG/JU
 Sample : PB169989BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Quant Time: Oct 06 16:38:38 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)

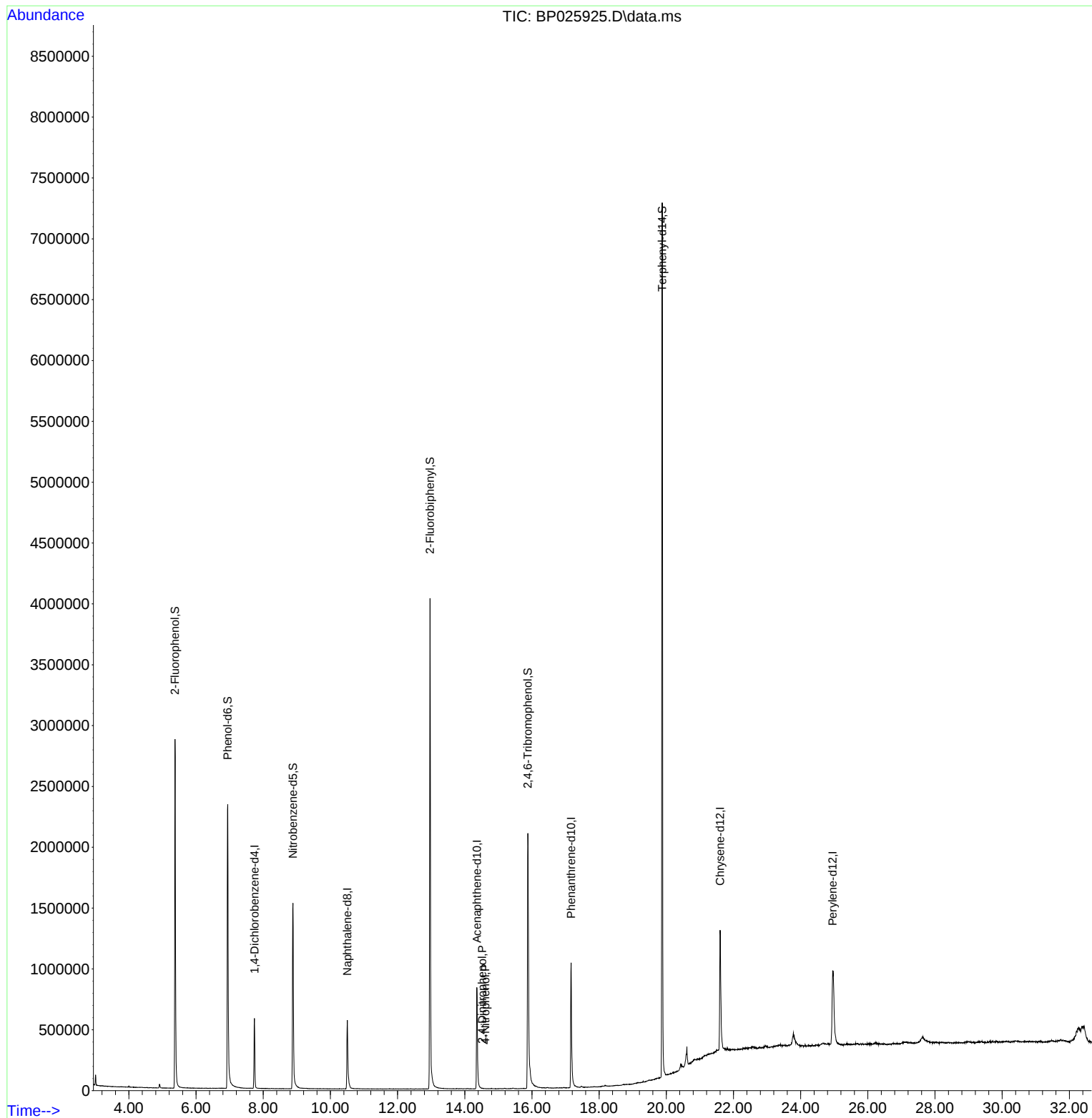
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	166902	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	621599	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	409905	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	834381	20.000	ng	-0.02
76) Chrysene-d12	21.601	240	918841	20.000	ng	-0.04
86) Perylene-d12	24.954	264	970381	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1391143	134.491	ng	-0.01
7) Phenol-d6	6.943	99	1732470	126.009	ng	0.00
23) Nitrobenzene-d5	8.884	82	1102998	78.273	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	689611	134.881	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2484362	80.700	ng	-0.02
79) Terphenyl-d14	19.877	244	4166754	81.580	ng	-0.04
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.519	184	24	4.830	ng	# 1
56) 4-Nitrophenol	14.613	139	18	4.485	ng	# 1

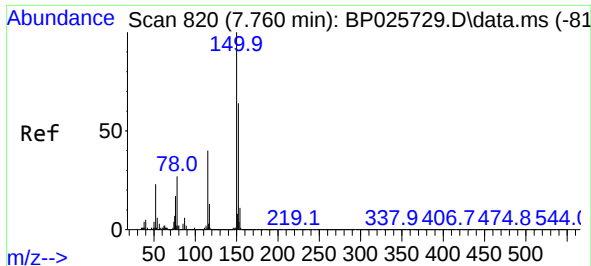
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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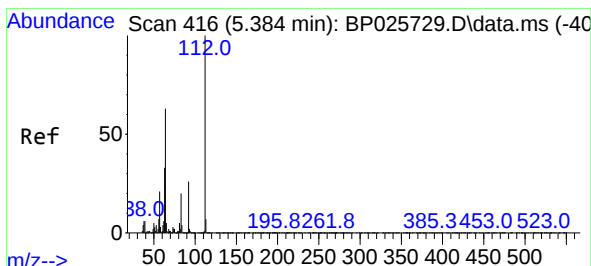
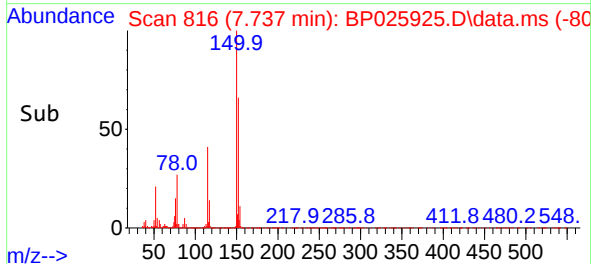
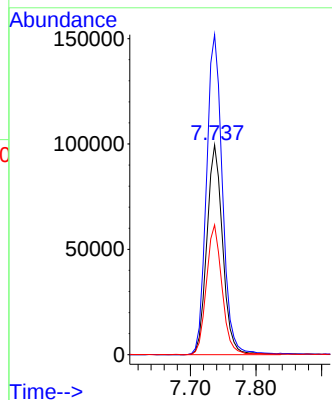
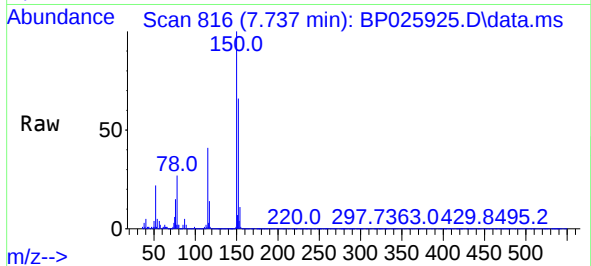




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

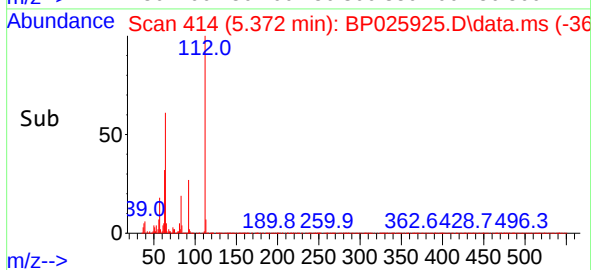
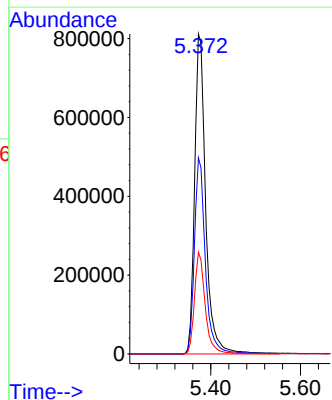
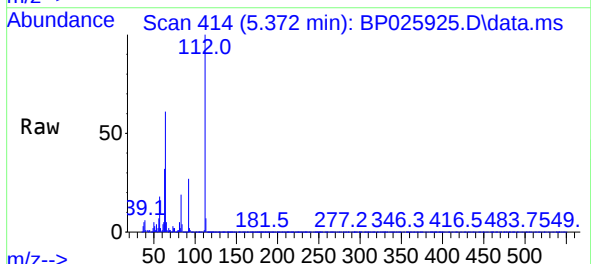
Instrument :
BNA_P
ClientSampleId :
PB169989BL

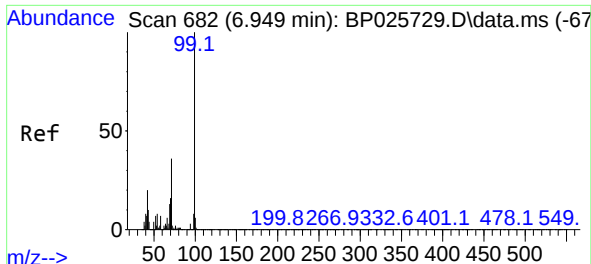
Tgt Ion:152 Resp: 166902
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 134.491 ng
RT: 5.372 min Scan# 414
Delta R.T. -0.012 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:112 Resp: 1391143
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.4
63 31.8 26.7 40.1

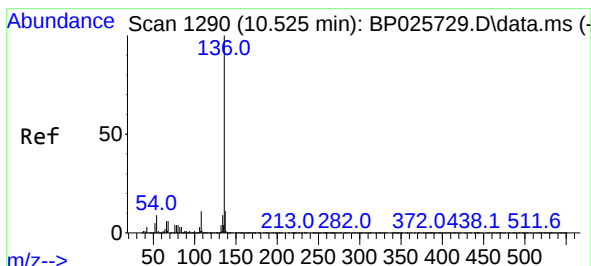
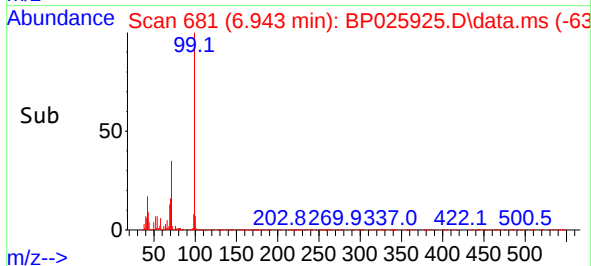
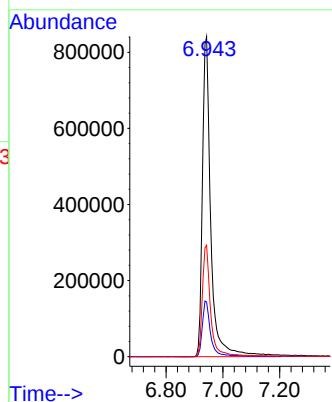
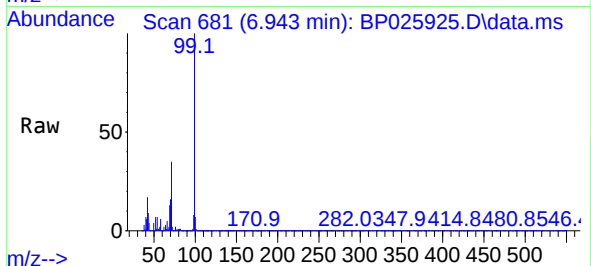




#7
Phenol-d6
Concen: 126.009 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

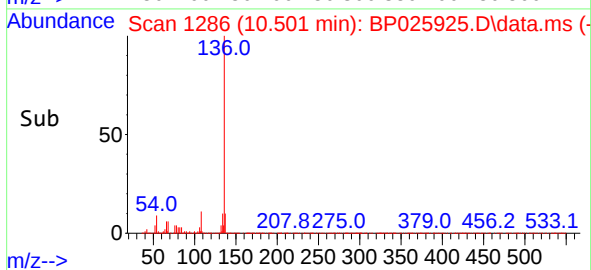
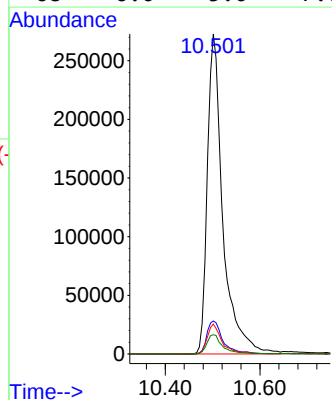
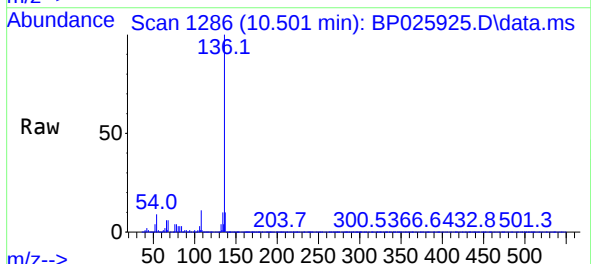
Instrument :
BNA_P
ClientSampleId :
PB169989BL

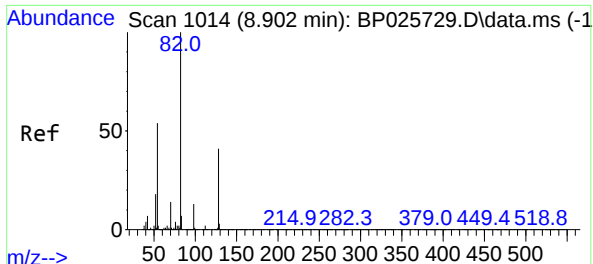
Tgt Ion: 99 Resp: 1732470
Ion Ratio Lower Upper
99 100
42 17.1 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:136 Resp: 621599
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 9.4 7.5 11.3
68 6.0 5.0 7.6

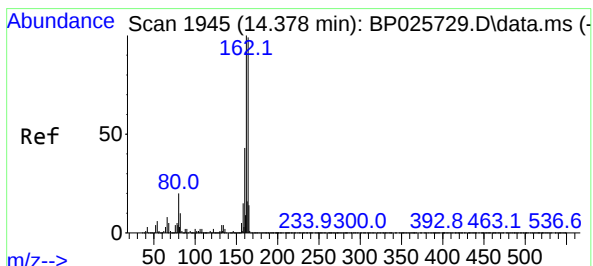
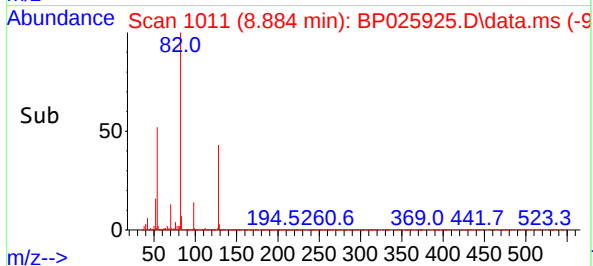
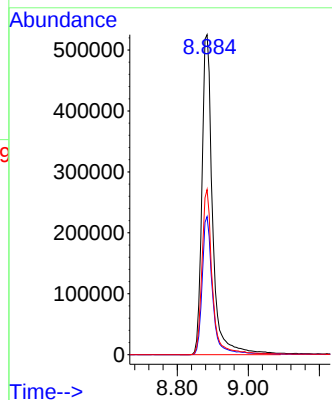
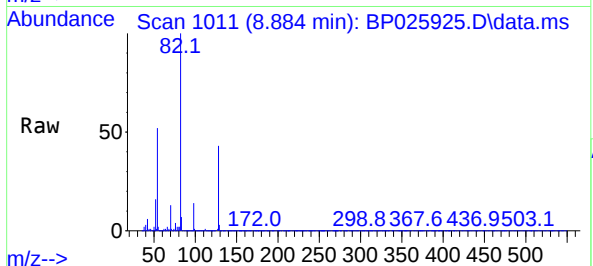




#23
Nitrobenzene-d5
Concen: 78.273 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

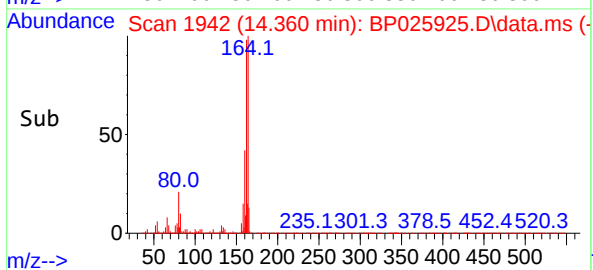
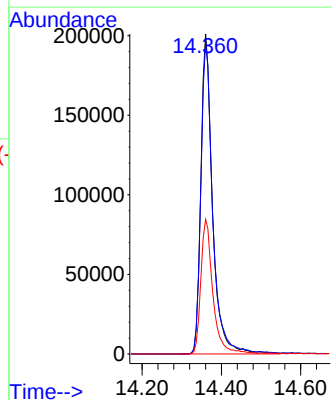
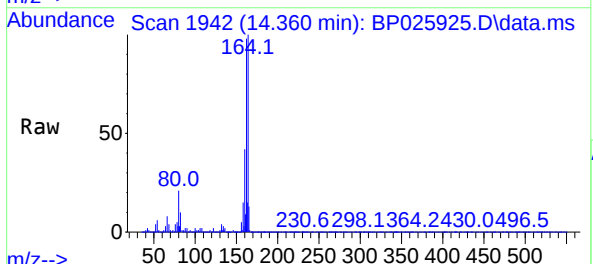
Instrument :
BNA_P
ClientSampleId :
PB169989BL

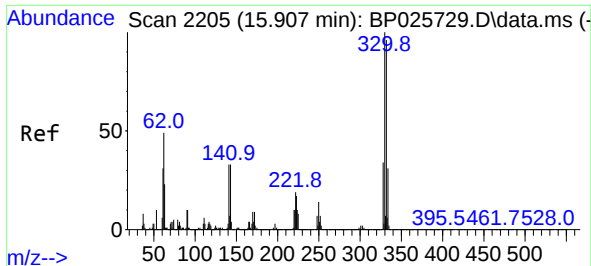
Tgt Ion: 82 Resp: 1102998
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 51.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion: 164 Resp: 409905
Ion Ratio Lower Upper
164 100
162 97.5 80.6 120.8
160 42.1 35.0 52.6

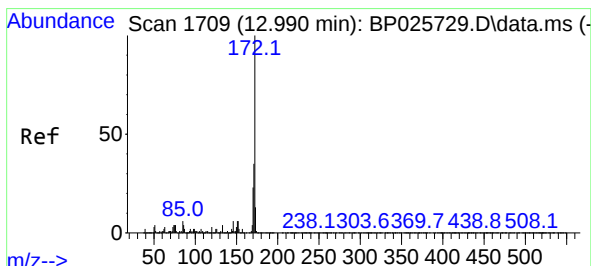
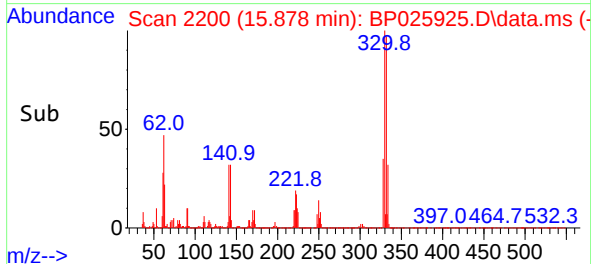
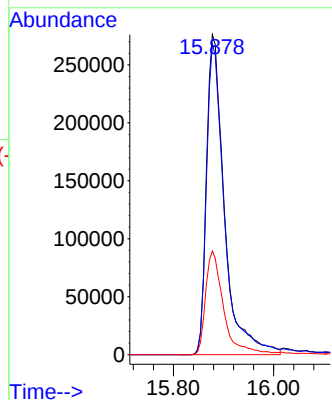
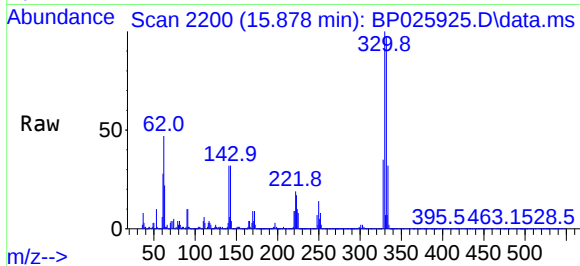




#42
2,4,6-Tribromophenol
Concen: 134.881 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

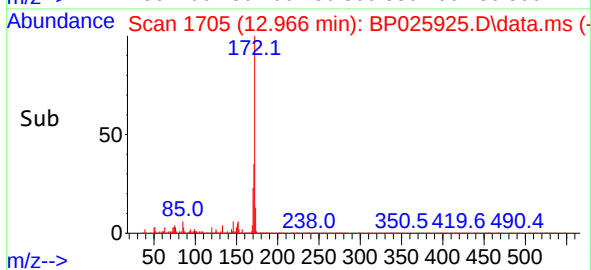
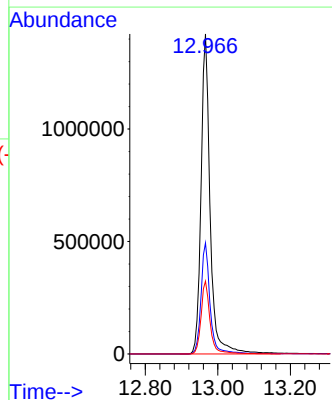
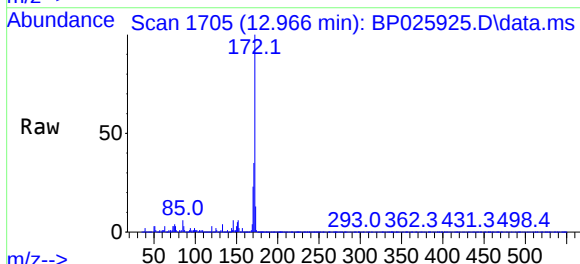
Instrument :
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ClientSampleId :
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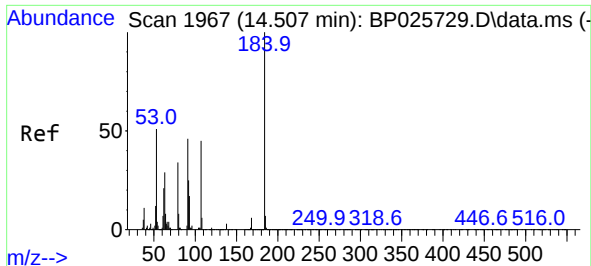
Tgt Ion:330 Resp: 689611
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 32.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 80.700 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:172 Resp: 2484362
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.8 18.6 27.8

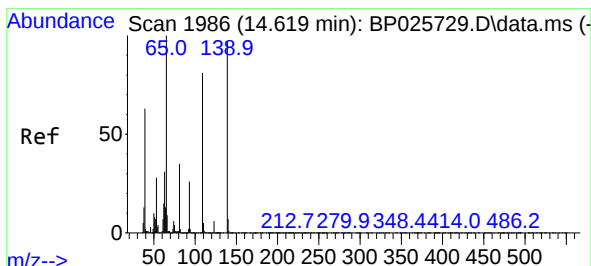
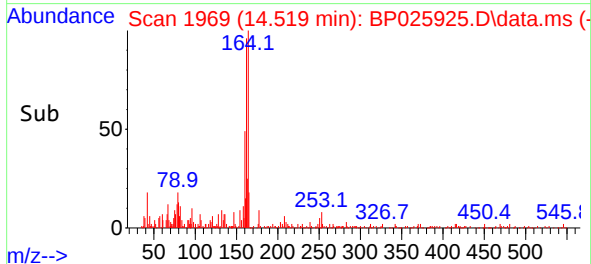
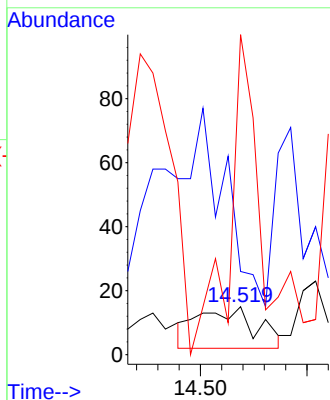
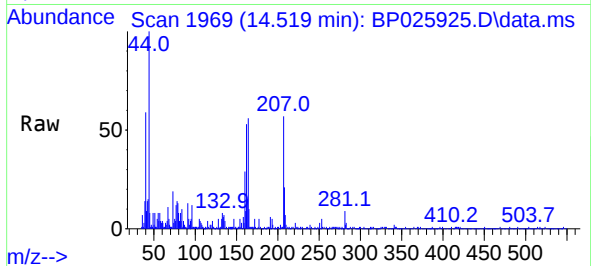




#54
2,4-Dinitrophenol
Concen: 4.830 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

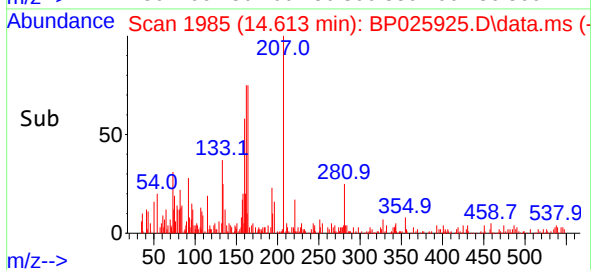
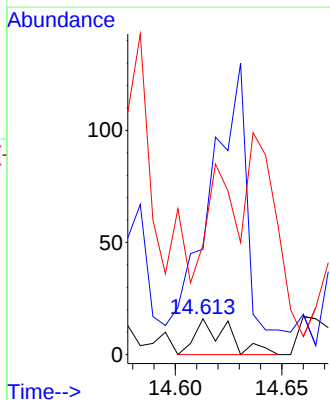
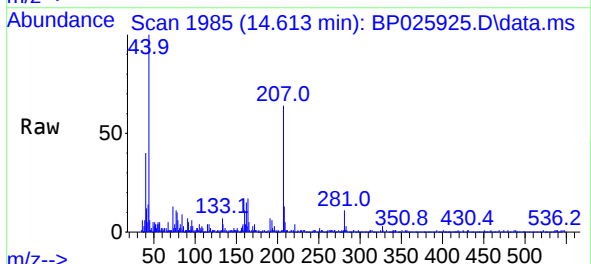
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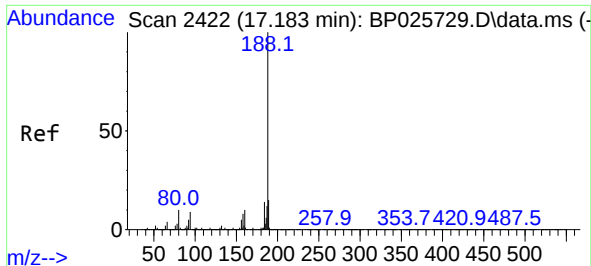
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 173.3 52.5 78.7#
154 666.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.485 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 293.8 62.9 102.9#
65 306.3 83.4 123.4#

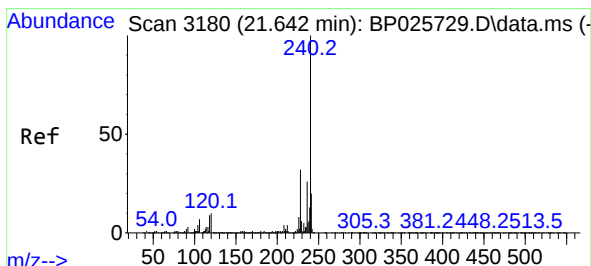
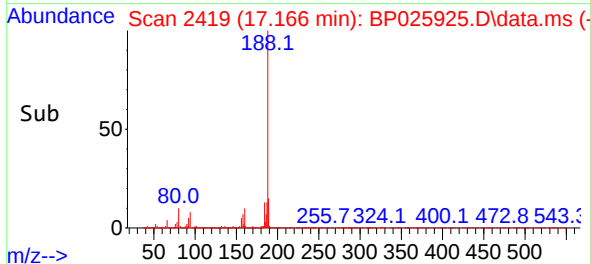
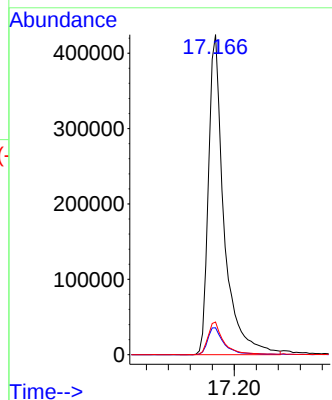
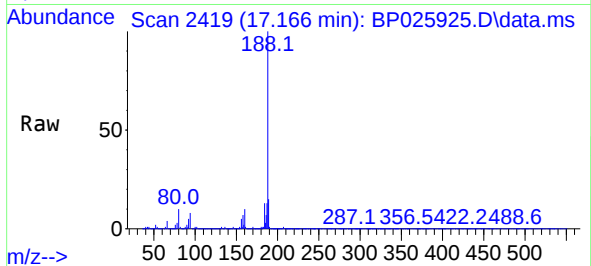




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

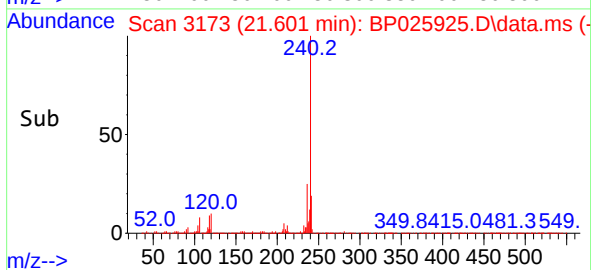
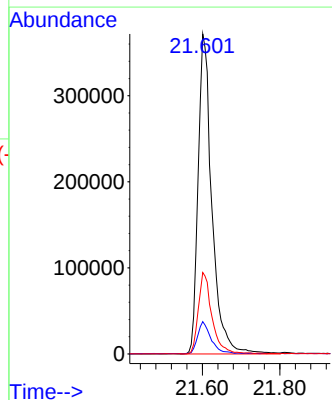
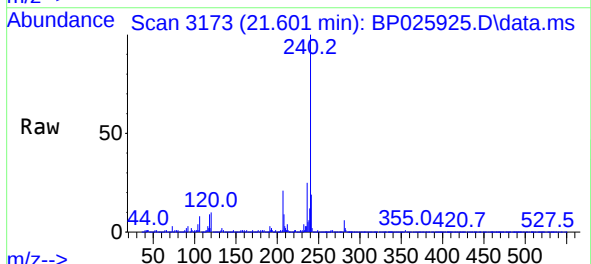
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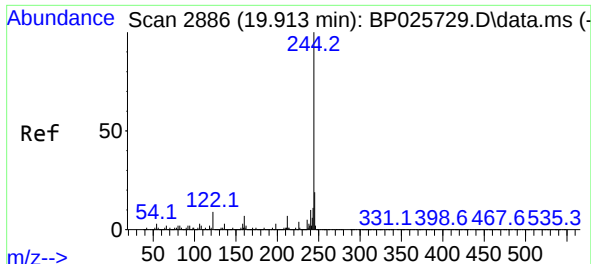
Tgt Ion:188 Resp: 834381
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:240 Resp: 918841
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.5 20.7 31.1

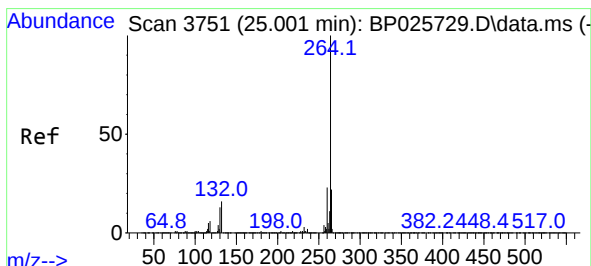
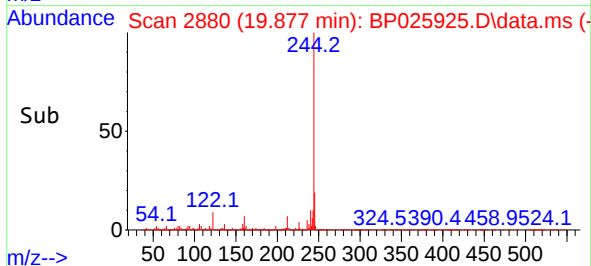
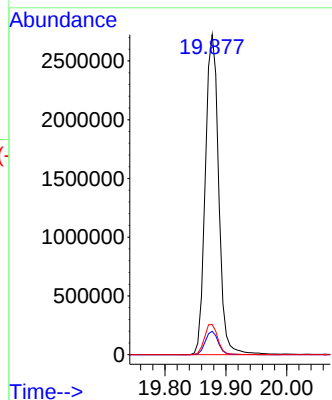
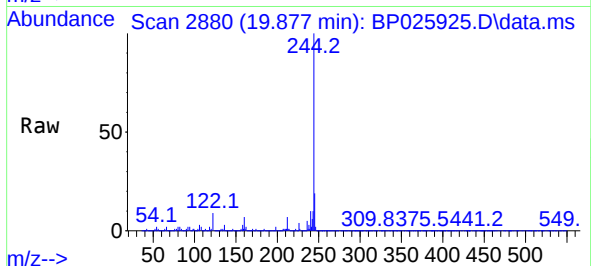




#79
 Terphenyl-d14
 Concen: 81.580 ng
 RT: 19.877 min Scan# 24
 Delta R.T. -0.035 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Tgt Ion:244 Resp: 4166754
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.954 min Scan# 3743
 Delta R.T. -0.047 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Tgt Ion:264 Resp: 970381
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.6 17.3 25.9

