

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025945.D
 Acq On : 07 Oct 2025 16:37
 Operator : RC/JU
 Sample : Q3289-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Quant Time: Oct 07 17:01:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

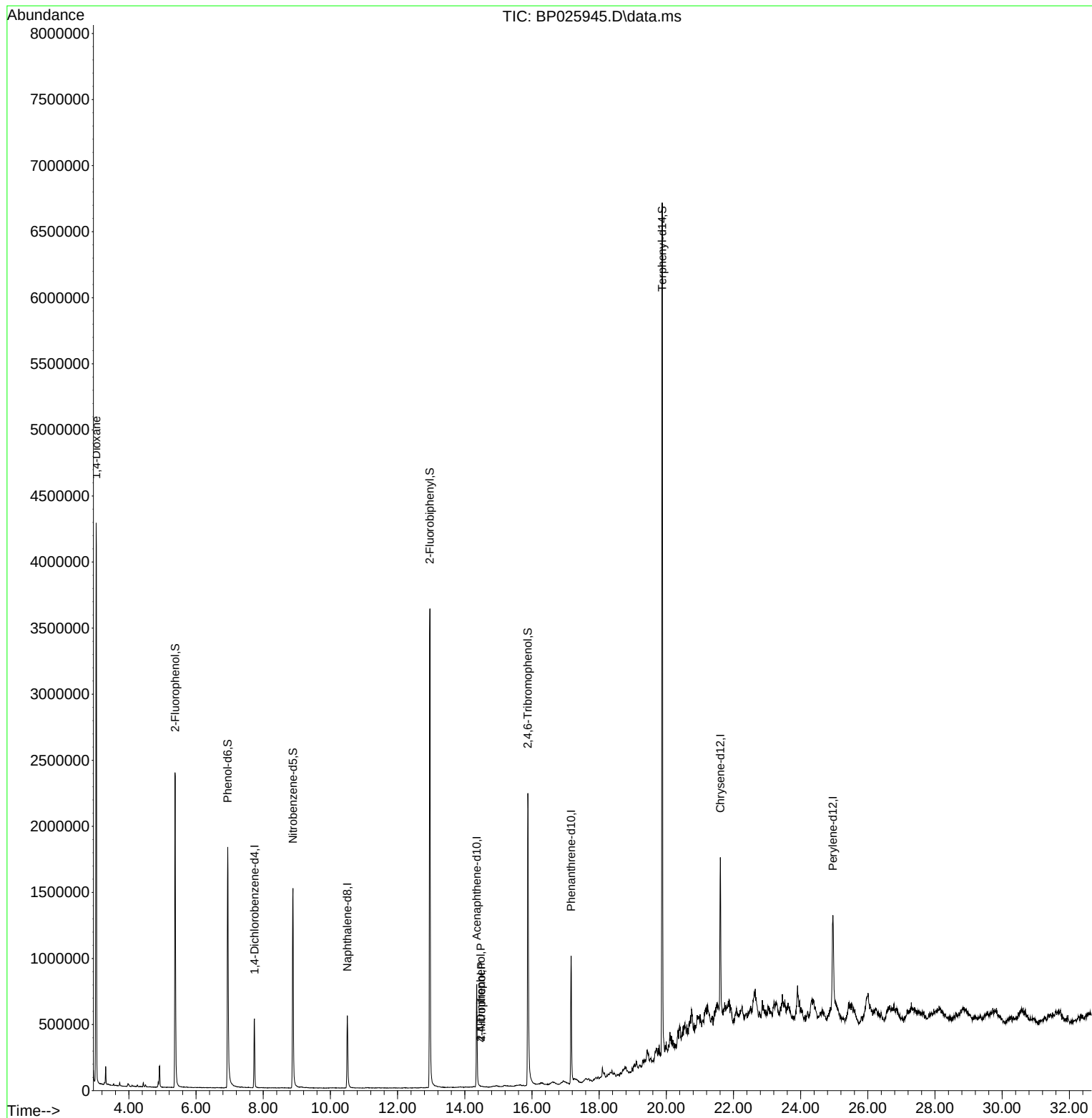
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	150515	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	548683	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	340321	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	705313	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	773887	20.000	ng	-0.04
86) Perylene-d12	24.960	264	886824	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1178880	126.378	ng	0.00
7) Phenol-d6	6.943	99	1349234	108.819	ng	0.00
23) Nitrobenzene-d5	8.884	82	995764	80.054	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	625706	147.404	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2175825	85.129	ng	-0.03
79) Terphenyl-d14	19.878	244	3646689	84.771	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.025	88	33535	8.566	ng	# 1
54) 2,4-Dinitrophenol	14.478	184	47	4.837	ng	# 1
56) 4-Nitrophenol	14.490	139	194	4.519	ng	90

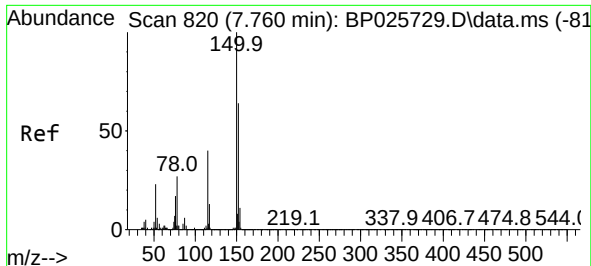
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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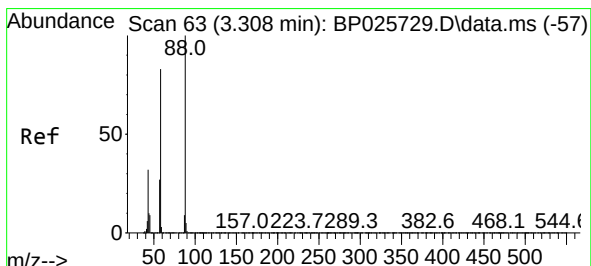
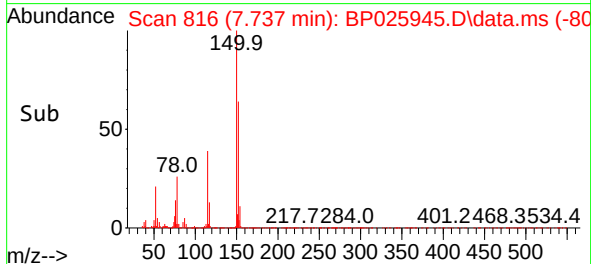
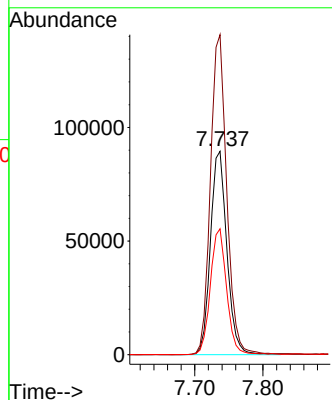
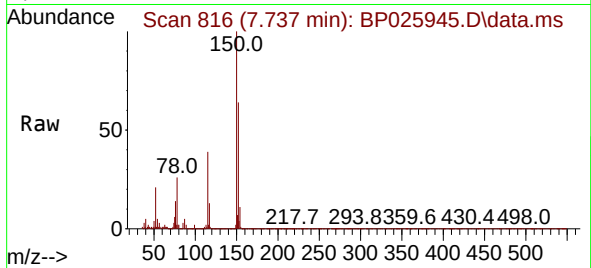




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

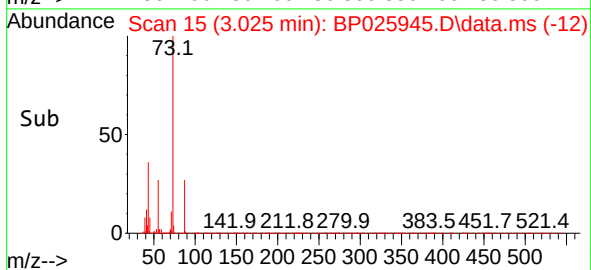
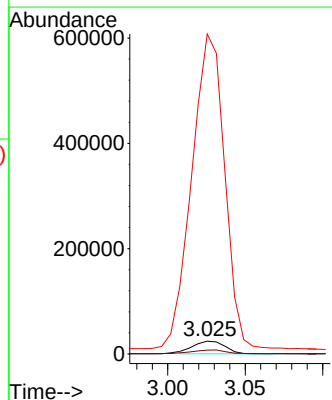
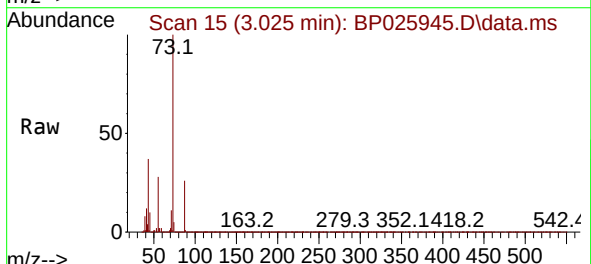
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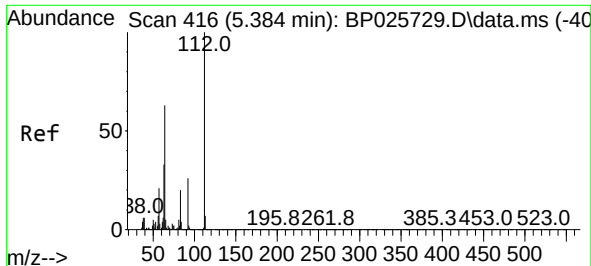
Tgt Ion:152 Resp: 150515
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.3 186.5
 115 61.9 50.3 75.5



#2
 1,4-Dioxane
 Concen: 8.566 ng
 RT: 3.025 min Scan# 15
 Delta R.T. -0.282 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

Tgt Ion: 88 Resp: 33535
 Ion Ratio Lower Upper
 88 100
 58 29.2 65.5 98.3#
 43 2496.6 25.2 37.8#

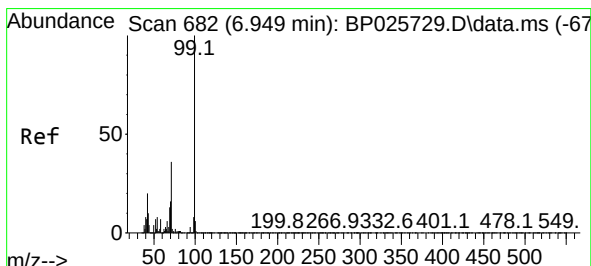
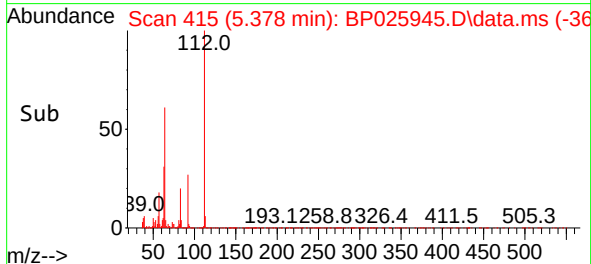
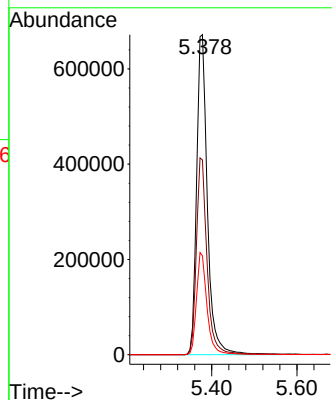
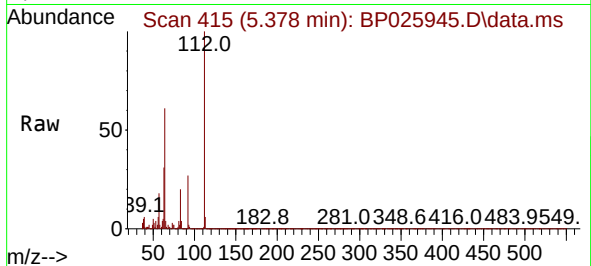




#5
2-Fluorophenol
Concen: 126.378 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

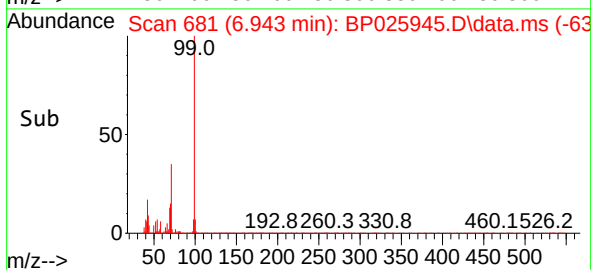
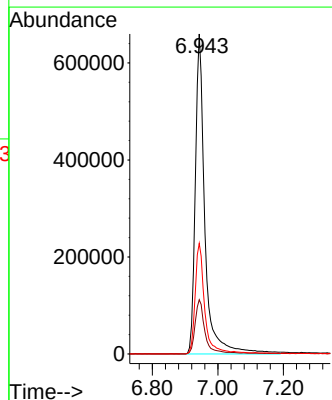
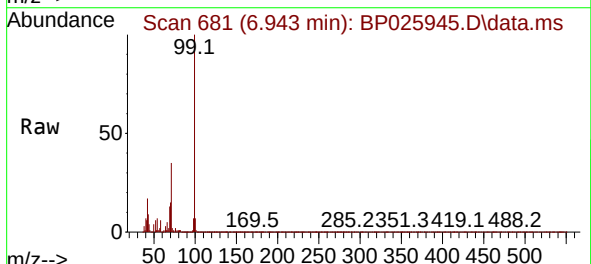
Instrument :
BNA_P
ClientSampleId :
72-11966

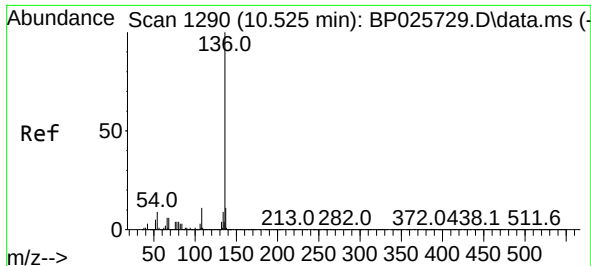
Tgt Ion:112 Resp: 1178880
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.4
63 30.9 26.7 40.1



#7
Phenol-d6
Concen: 108.819 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion: 99 Resp: 1349234
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 34.6 28.6 43.0

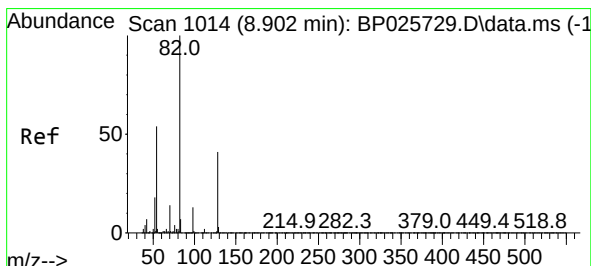
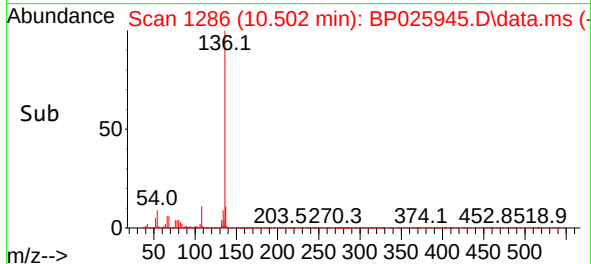
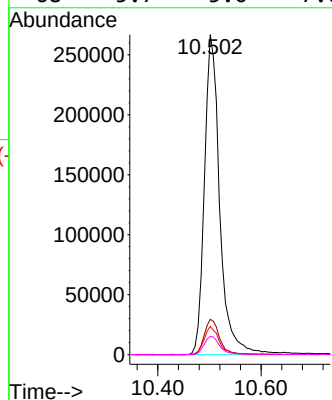
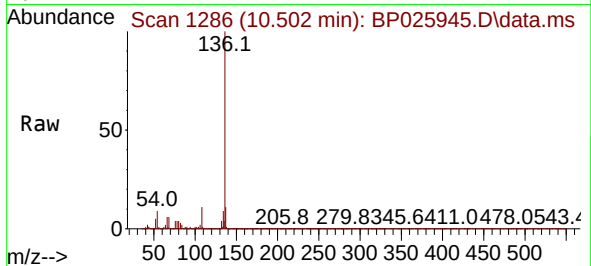




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1011
Delta R.T. -0.023 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

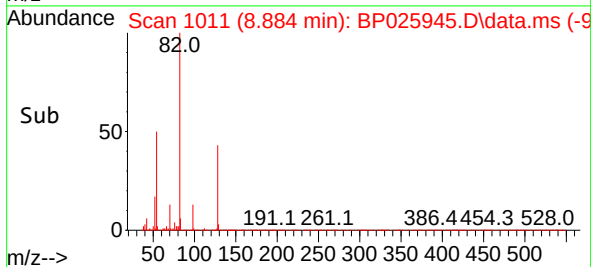
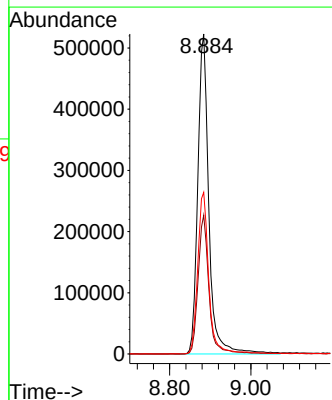
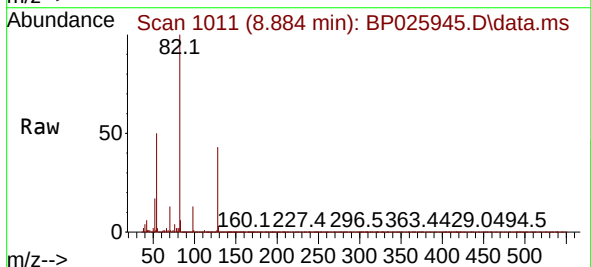
Instrument :
BNA_P
ClientSampleId :
72-11966

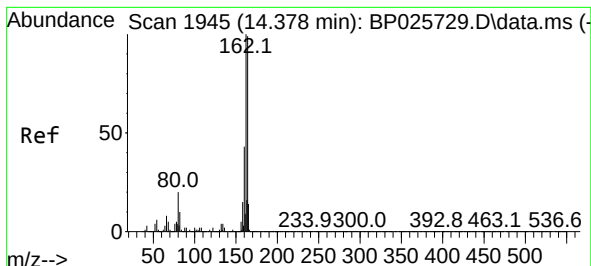
Tgt Ion:136 Resp: 548683
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.8 7.5 11.3
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 80.054 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion: 82 Resp: 995764
Ion Ratio Lower Upper
82 100
128 43.3 32.9 49.3
54 50.5 43.4 65.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.354 min Scan# 1941

Delta R.T. -0.023 min

Lab File: BP025945.D

Acq: 07 Oct 2025 16:37

Instrument :

BNA_P

ClientSampleId :

72-11966

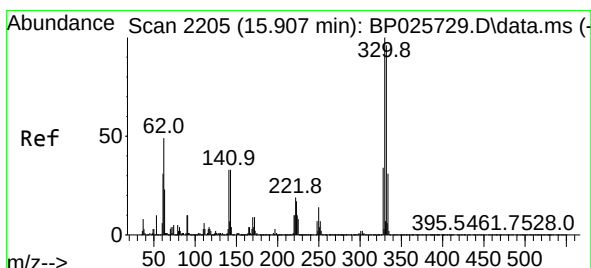
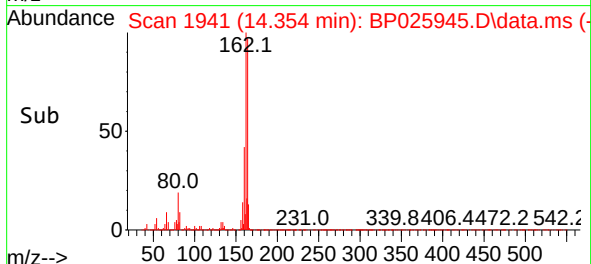
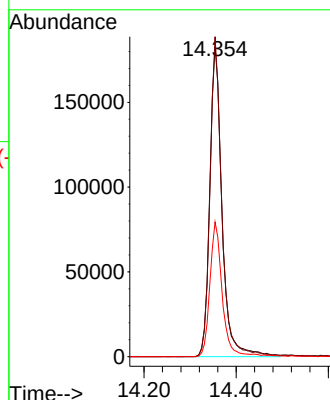
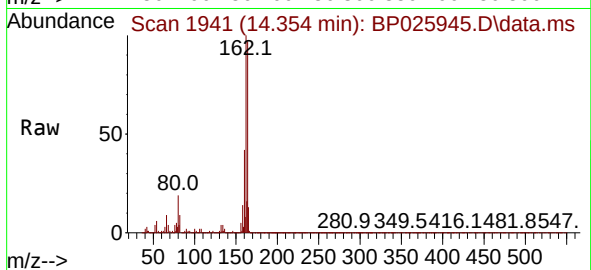
Tgt Ion:164 Resp: 340321

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

160 43.4 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 147.404 ng

RT: 15.878 min Scan# 2200

Delta R.T. -0.029 min

Lab File: BP025945.D

Acq: 07 Oct 2025 16:37

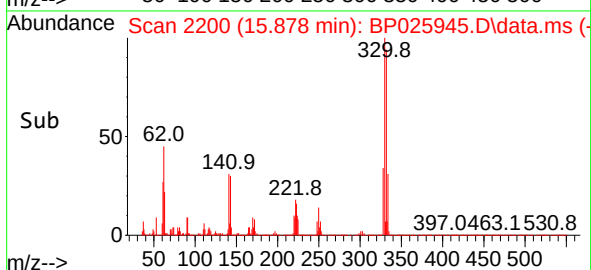
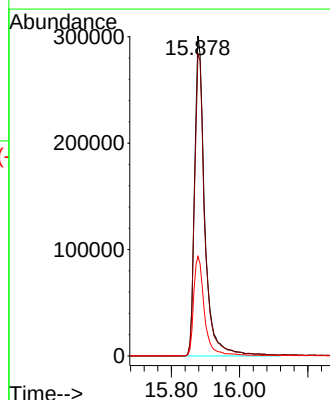
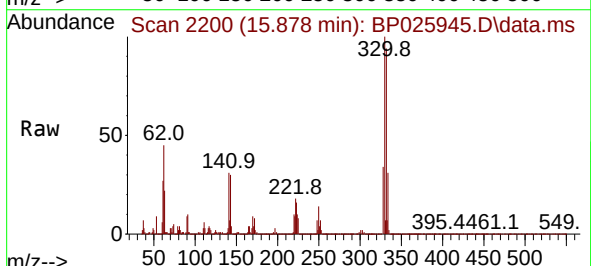
Tgt Ion:330 Resp: 625706

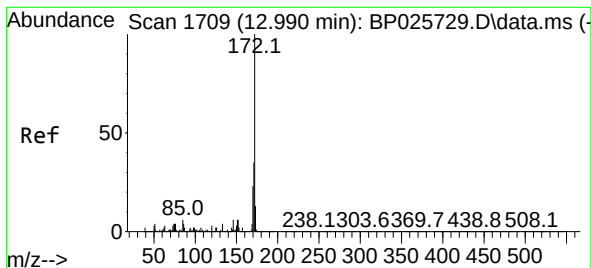
Ion Ratio Lower Upper

330 100

332 94.4 76.9 115.3

141 32.9 31.0 46.4

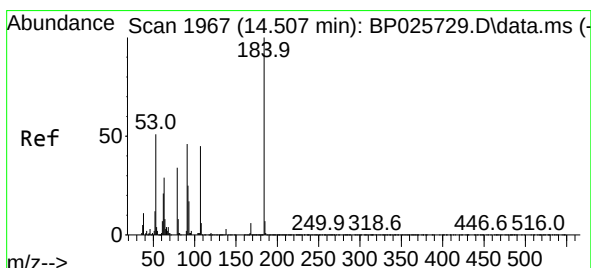
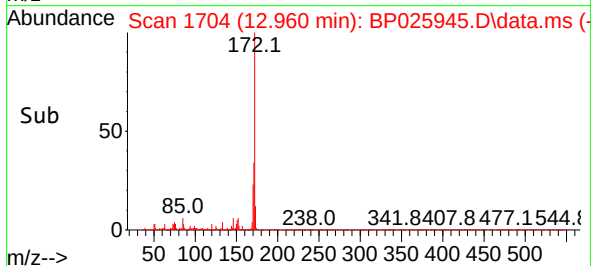
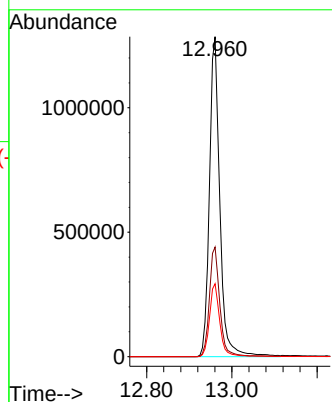
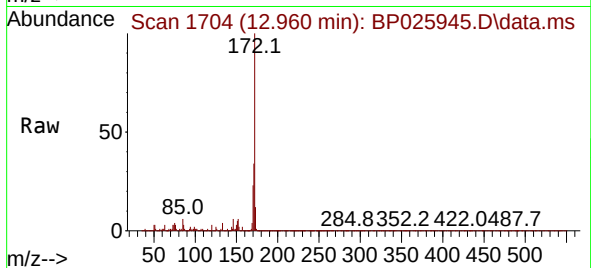




#45
2-Fluorobiphenyl
Concen: 85.129 ng
RT: 12.960 min Scan# 1709
Delta R.T. -0.029 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

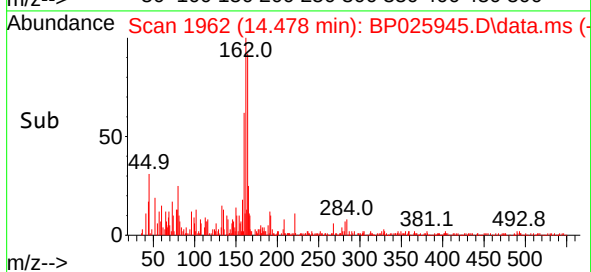
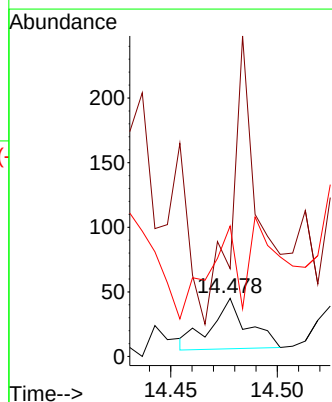
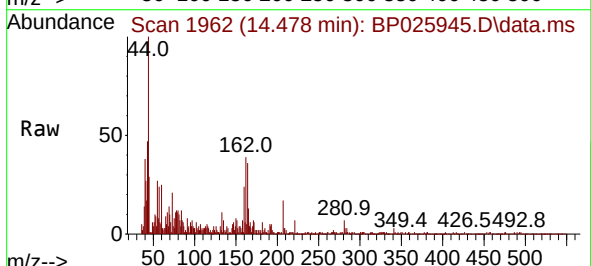
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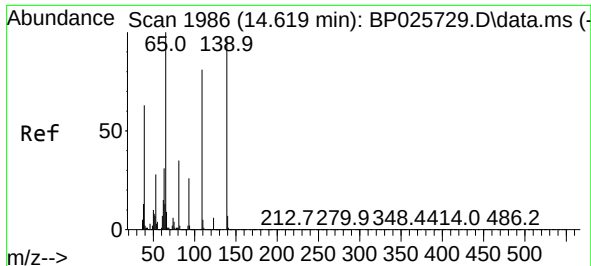
Tgt Ion:172 Resp: 2175825
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.837 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.029 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 151.1 52.5 78.7#
154 224.4 51.5 77.3#

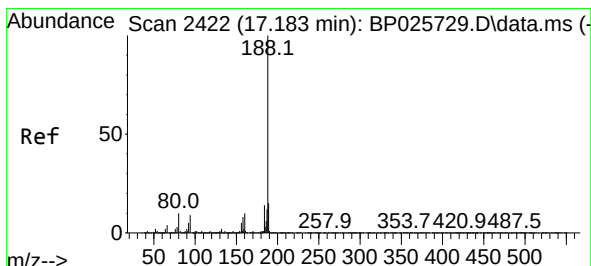
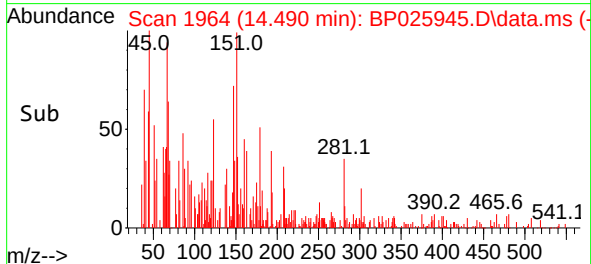
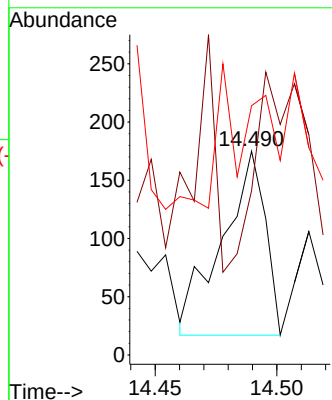
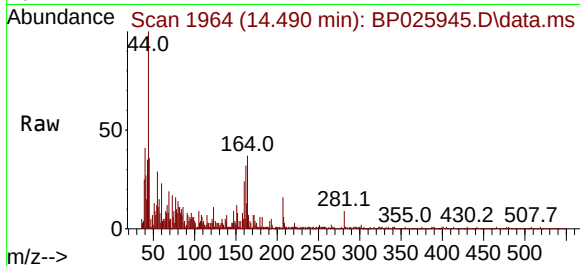




#56
4-Nitrophenol
Concen: 4.519 ng
RT: 14.490 min Scan# 1986
Delta R.T. -0.129 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

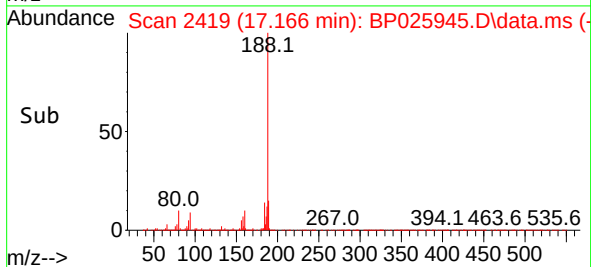
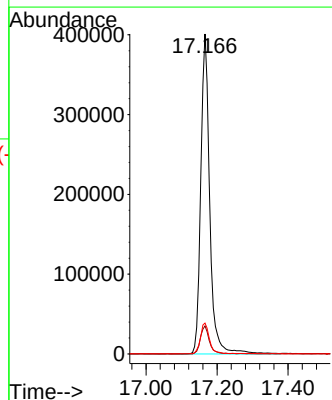
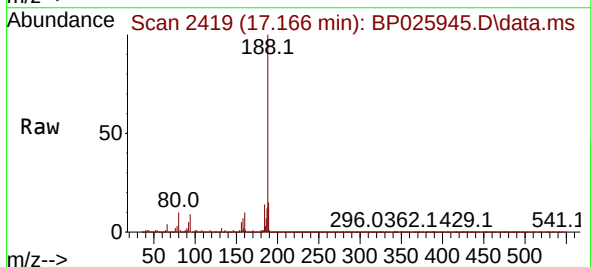
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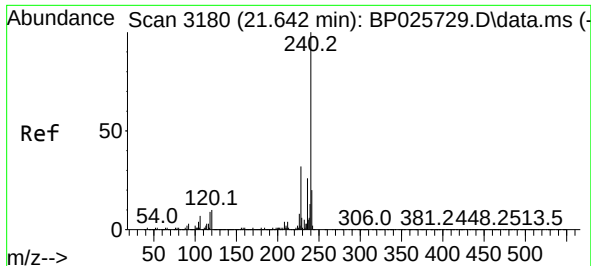
Tgt Ion:	139	Resp:	194
Ion	Ratio	Lower	Upper
139	100		
109	75.0	62.9	102.9
65	113.8	83.4	123.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.018 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion:	188	Resp:	705313
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.0
80	9.7	7.7	11.5

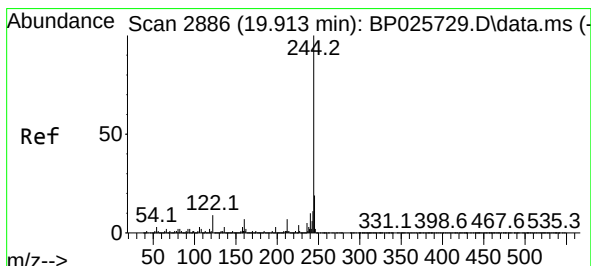
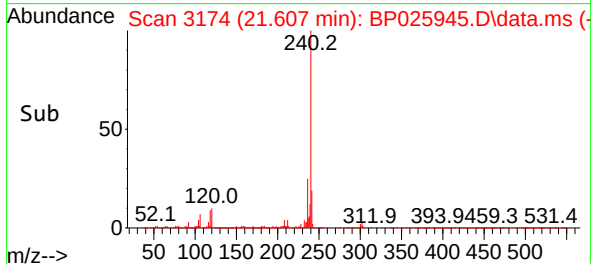
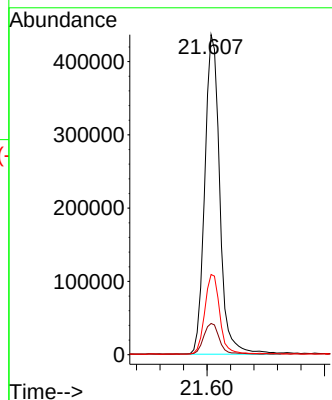
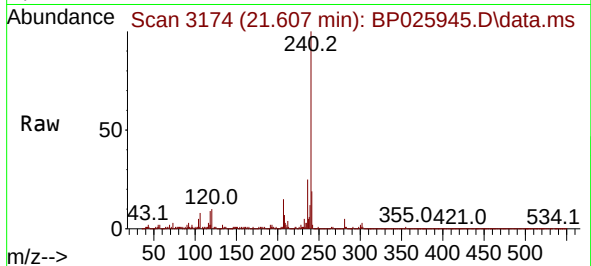




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3180
Delta R.T. -0.035 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

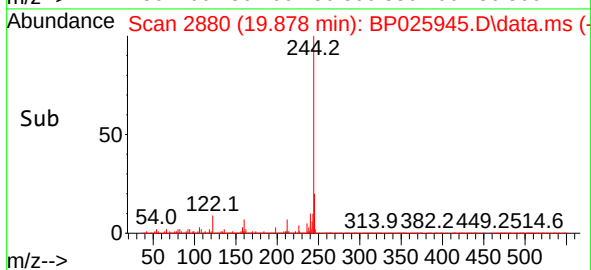
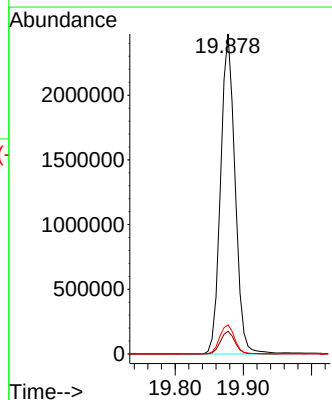
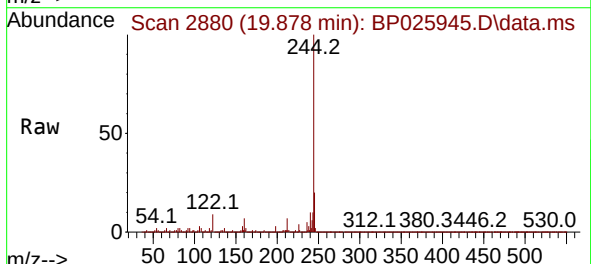
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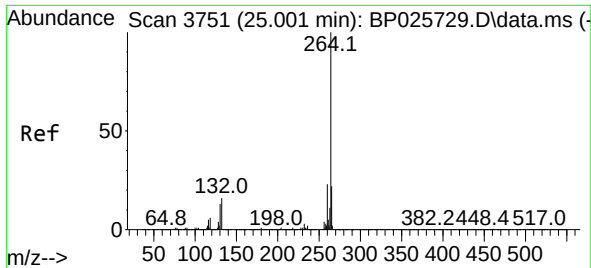
Tgt Ion:240 Resp: 773887
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.1 20.7 31.1



#79
Terphenyl-d14
Concen: 84.771 ng
RT: 19.878 min Scan# 2880
Delta R.T. -0.035 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion:244 Resp: 3646689
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.1 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: BP025945.D
 Acq: 07 Oct 2025 16:37

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Tgt Ion:264 Resp: 886824
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.1 17.3 25.9

