

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025943.D
 Acq On : 07 Oct 2025 14:24
 Operator : CG/JU
 Sample : PB169971TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169971TB

Quant Time: Oct 07 14:46:11 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)

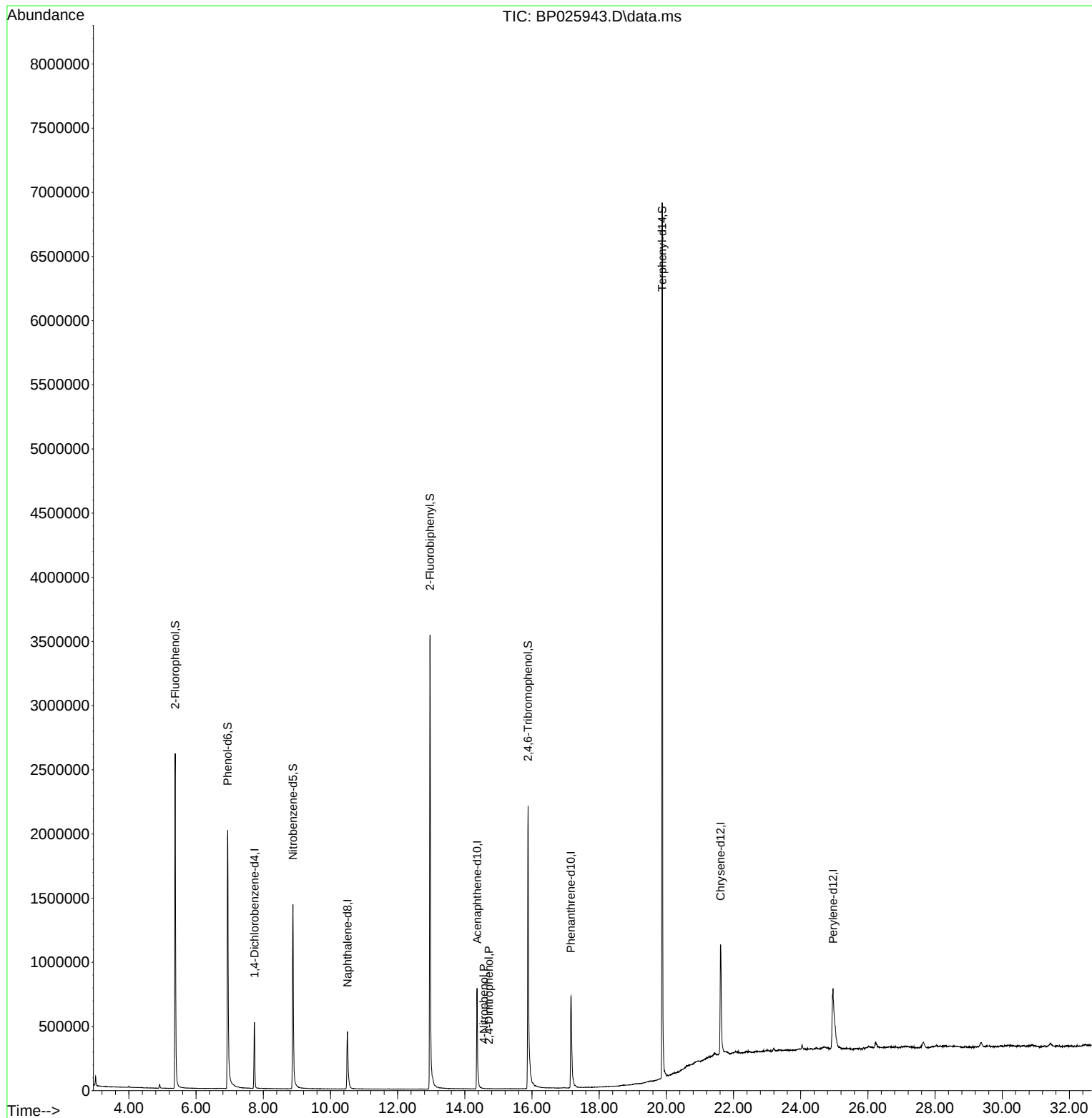
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	156443	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	571103	20.000	ng	-0.02
39) Acenaphthene-d10	14.366	164	362279	20.000	ng	-0.01
64) Phenanthrene-d10	17.160	188	750872	20.000	ng	-0.02
76) Chrysene-d12	21.612	240	807289	20.000	ng	-0.03
86) Perylene-d12	24.965	264	835533	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1315439	135.674	ng	0.00
7) Phenol-d6	6.943	99	1544771	119.869	ng	0.00
23) Nitrobenzene-d5	8.884	82	1027672	79.376	ng	-0.02
42) 2,4,6-Tribromophenol	15.883	330	654774	144.903	ng	-0.02
45) 2-Fluorobiphenyl	12.966	172	2267052	83.322	ng	-0.02
79) Terphenyl-d14	19.877	244	3865453	86.139	ng	-0.04
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.713	184	19	4.829	ng	93
56) 4-Nitrophenol	14.572	139	8	4.484	ng	86

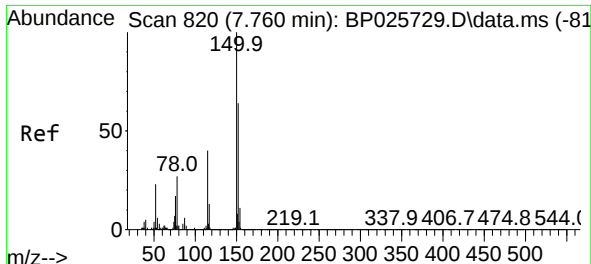
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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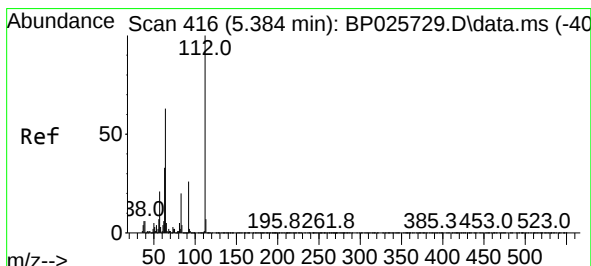
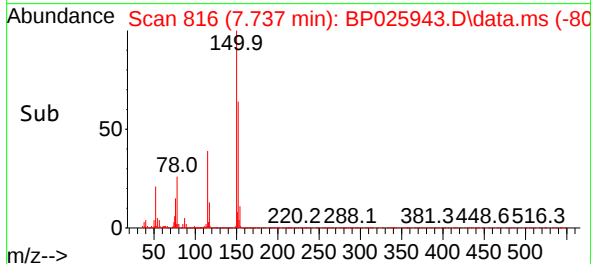
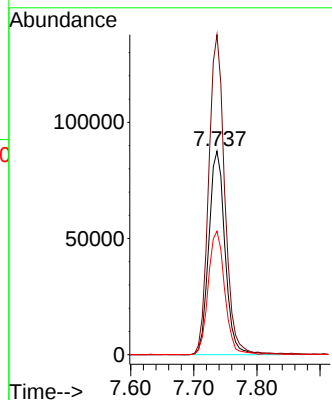
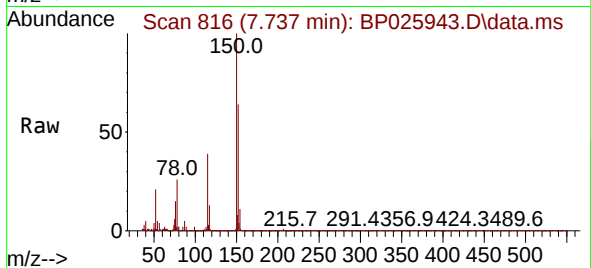




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025943.D
 Acq: 07 Oct 2025 14:24

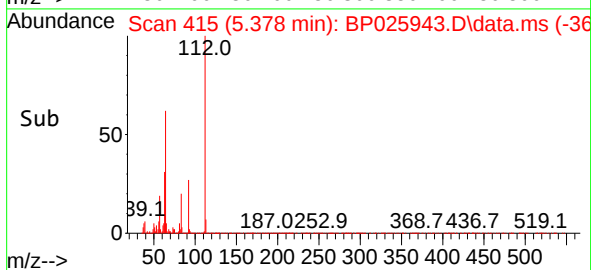
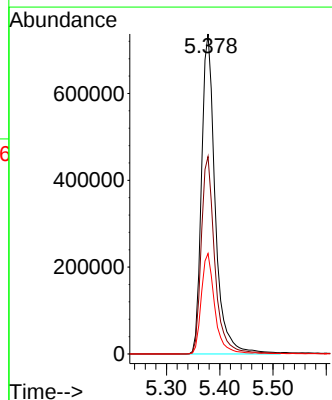
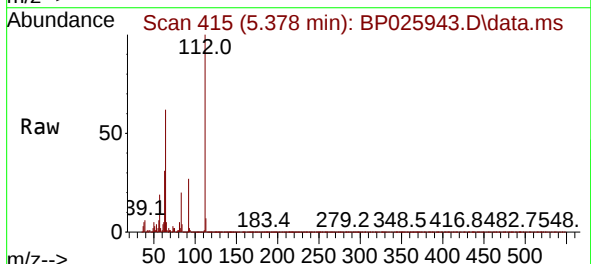
Instrument :
 BNA_P
 ClientSampleId :
 PB169971TB

Tgt Ion:152 Resp: 156443
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.3 186.5
 115 60.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 135.674 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025943.D
 Acq: 07 Oct 2025 14:24

Tgt Ion:112 Resp: 1315439
 Ion Ratio Lower Upper
 112 100
 64 61.7 50.2 75.4
 63 31.4 26.7 40.1

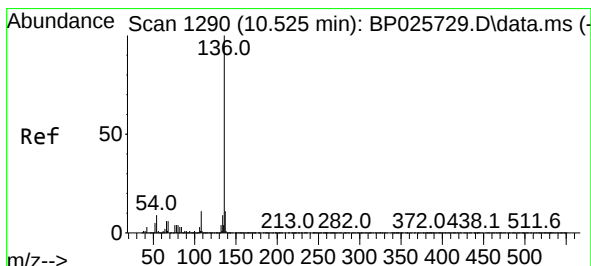
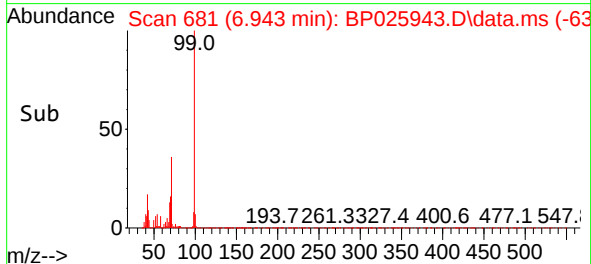
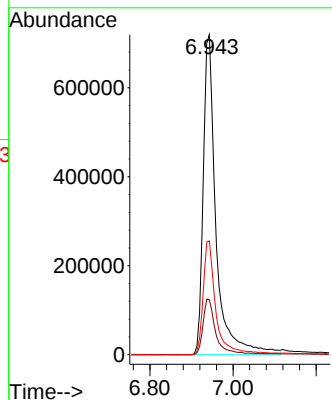
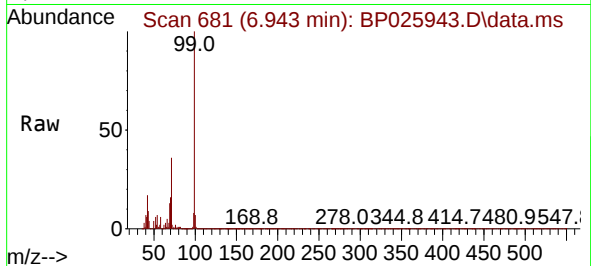




#7
Phenol-d6
Concen: 119.869 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

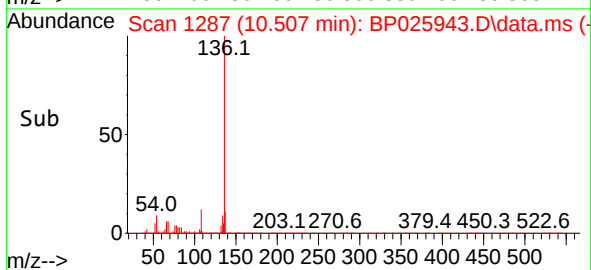
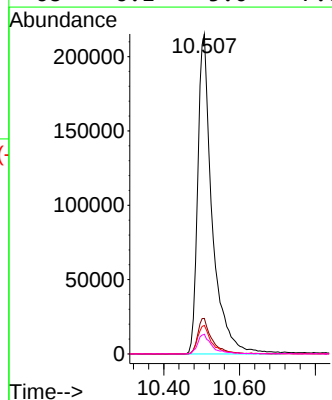
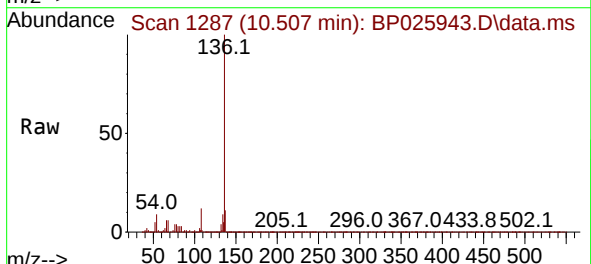
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ClientSampleId :
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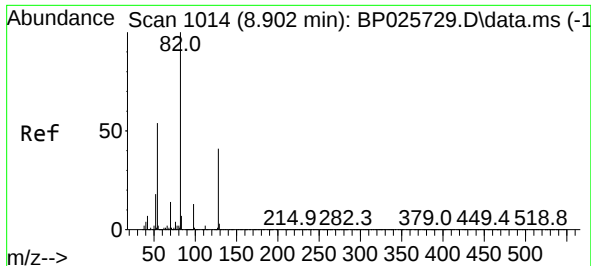
Tgt Ion: 99 Resp: 1544771
Ion Ratio Lower Upper
99 100
42 17.2 15.6 23.4
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

Tgt Ion:136 Resp: 571103
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.9 7.5 11.3
68 6.1 5.0 7.6

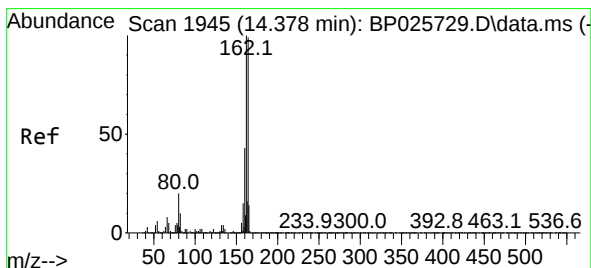
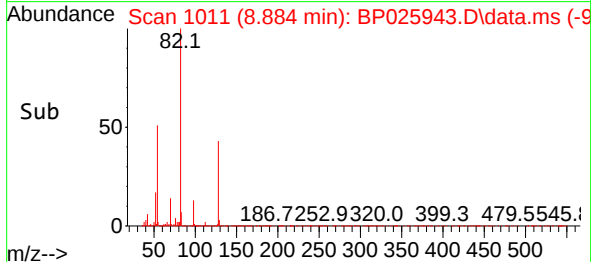
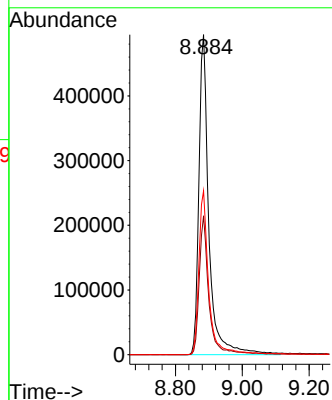
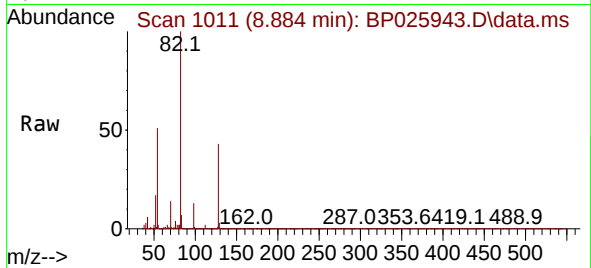




#23
Nitrobenzene-d5
Concen: 79.376 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

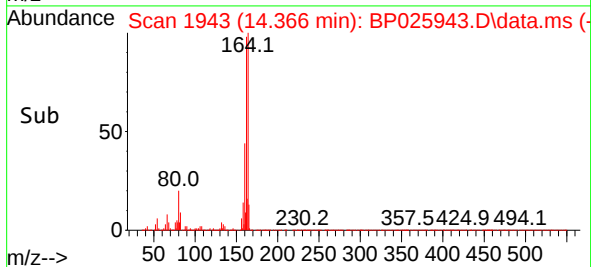
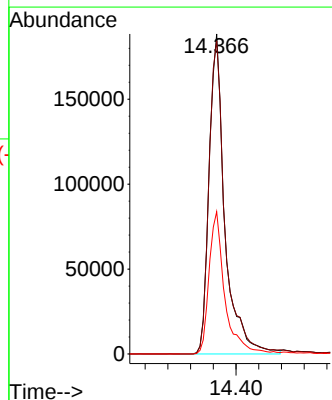
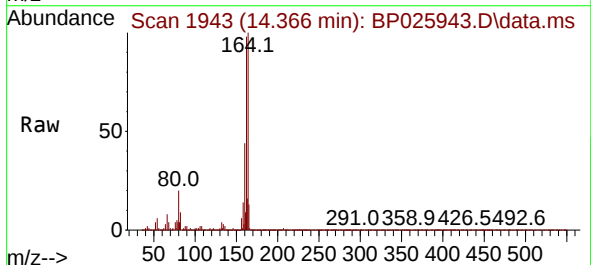
Instrument :
BNA_P
ClientSampleId :
PB169971TB

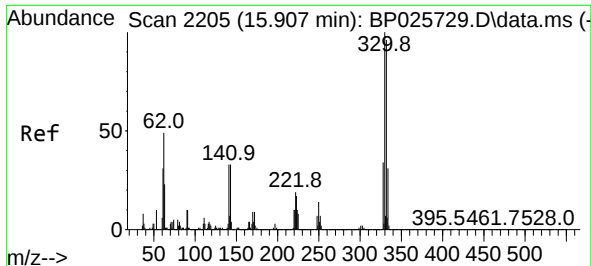
Tgt Ion: 82 Resp: 1027672
Ion Ratio Lower Upper
82 100
128 43.4 32.9 49.3
54 51.2 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

Tgt Ion:164 Resp: 362279
Ion Ratio Lower Upper
164 100
162 97.8 80.6 120.8
160 44.4 35.0 52.6

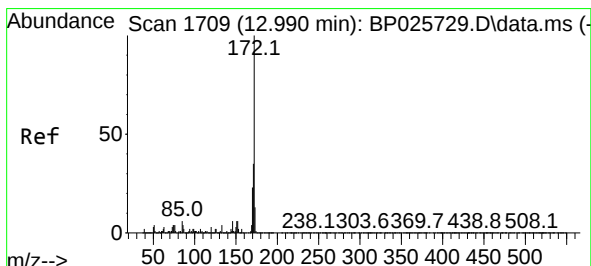
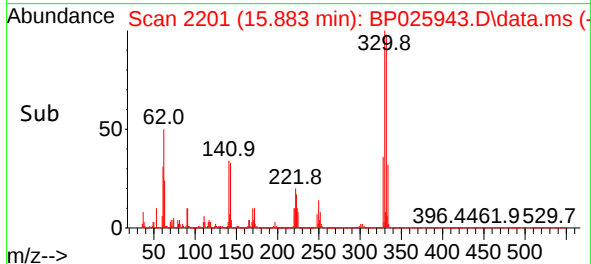
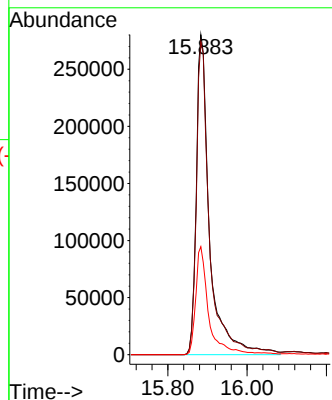
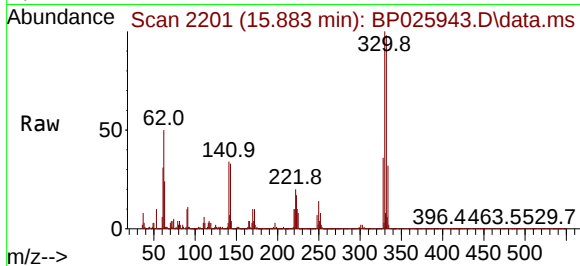




#42
2,4,6-Tribromophenol
Concen: 144.903 ng
RT: 15.883 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

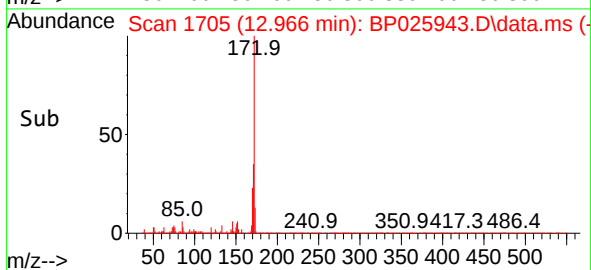
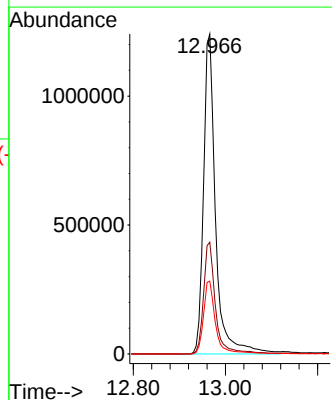
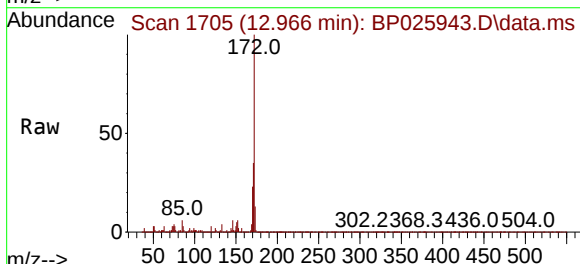
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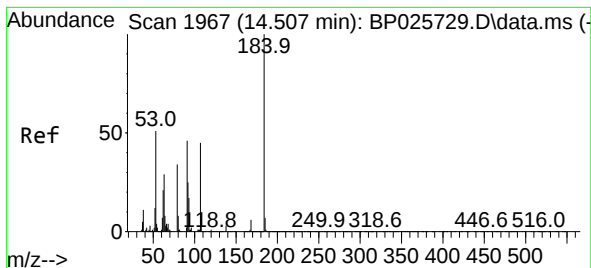
Tgt Ion:330 Resp: 654774
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 32.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 83.322 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

Tgt Ion:172 Resp: 2267052
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 22.8 18.6 27.8

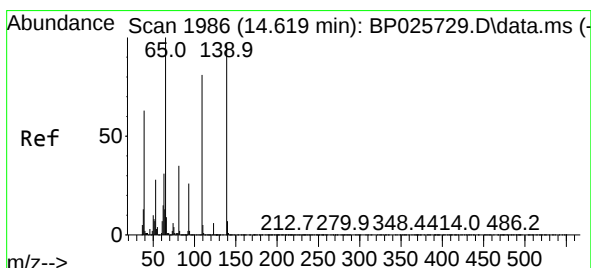
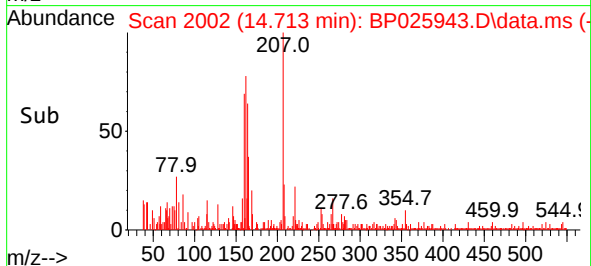
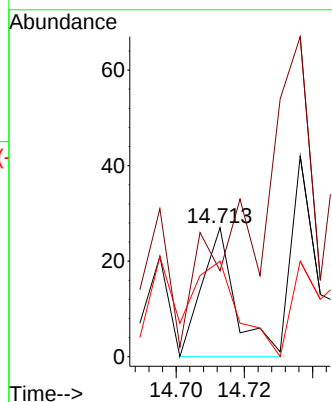
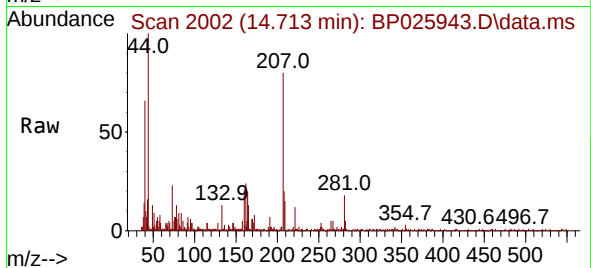




#54
2,4-Dinitrophenol
Concen: 4.829 ng
RT: 14.713 min Scan# 20
Delta R.T. 0.206 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

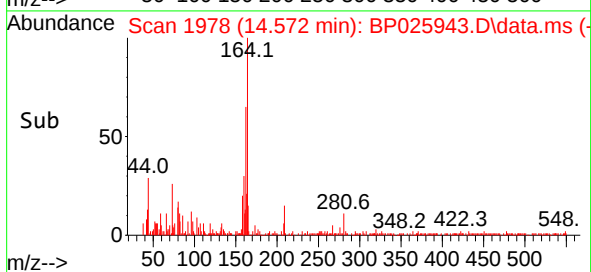
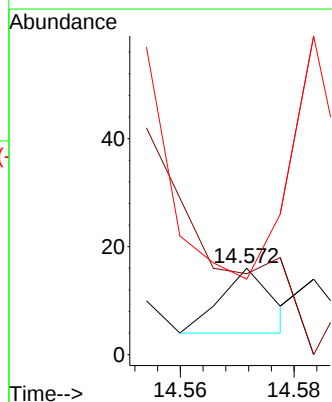
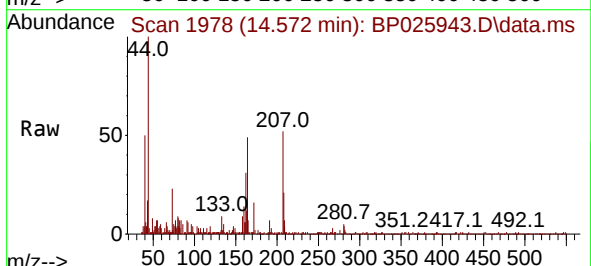
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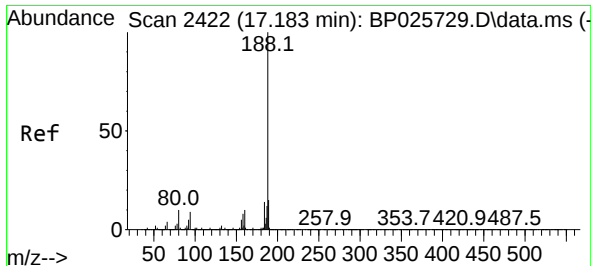
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 66.7 52.5 78.7
154 74.1 51.5 77.3



#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.572 min Scan# 1978
Delta R.T. -0.047 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 93.8 62.9 102.9
65 87.5 83.4 123.4

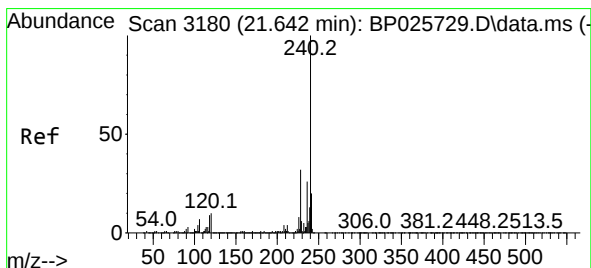
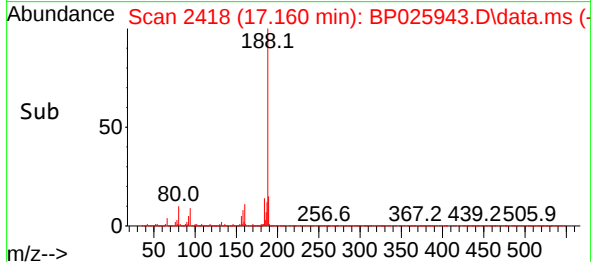
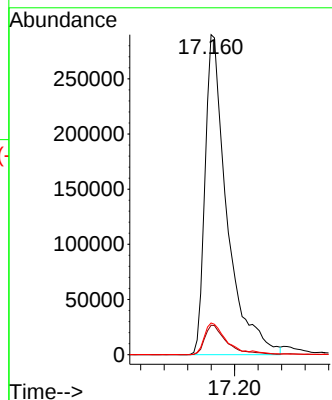
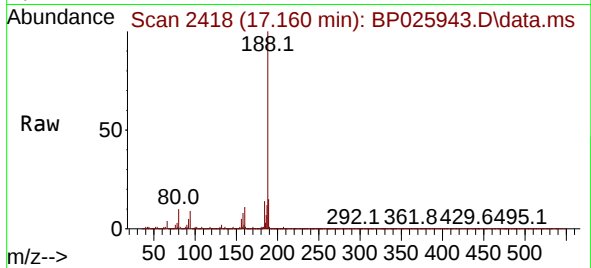




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.024 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

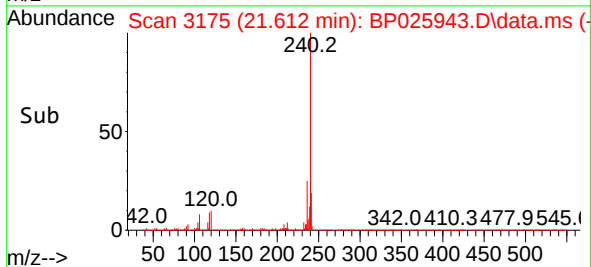
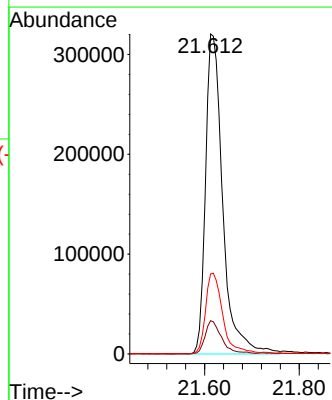
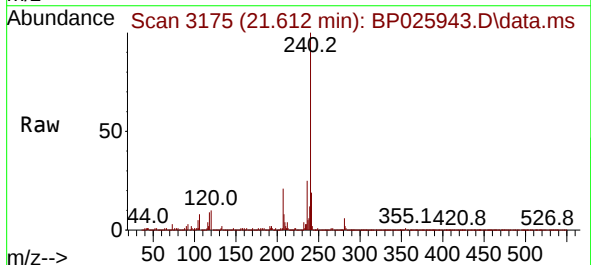
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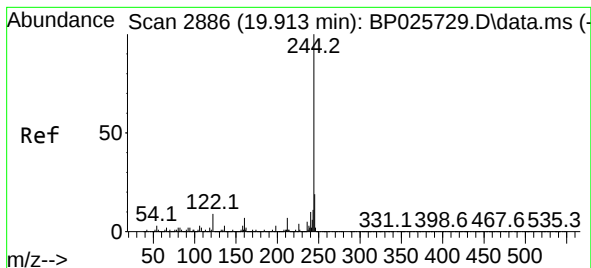
Tgt Ion:188 Resp: 750872
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025943.D
Acq: 07 Oct 2025 14:24

Tgt Ion:240 Resp: 807289
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 86.139 ng

RT: 19.877 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Instrument :

BNA_P

ClientSampleId :

PB169971TB

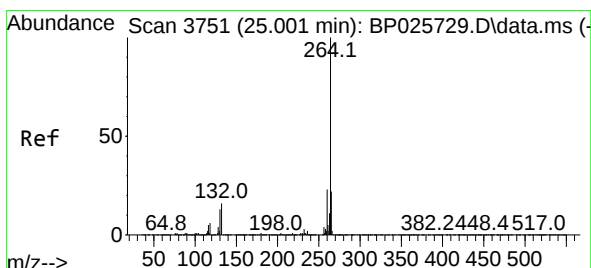
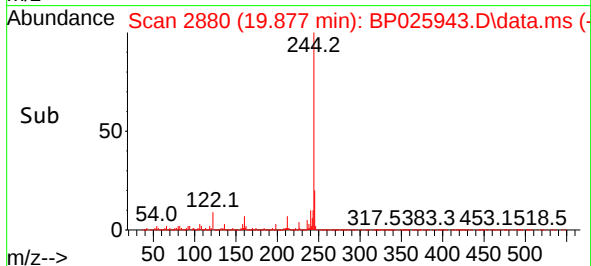
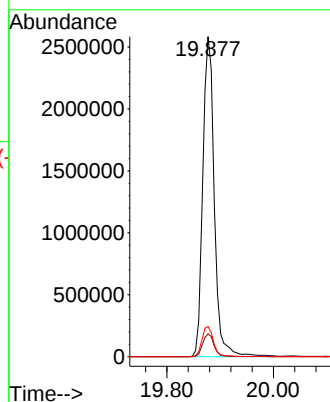
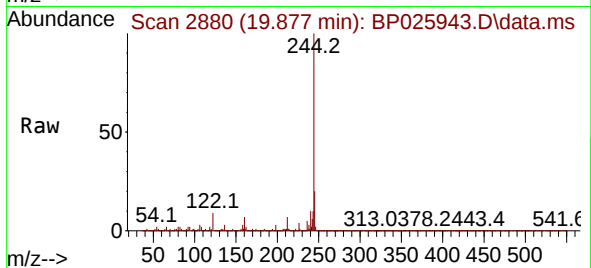
Tgt Ion:244 Resp: 3865453

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.965 min Scan# 3745

Delta R.T. -0.035 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Tgt Ion:264 Resp: 835533

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 22.6 17.3 25.9

