

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025562.D
 Acq On : 25 Aug 2025 12:54
 Operator : CG/JU
 Sample : PB169362BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169362BL

Quant Time: Aug 25 13:15:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173347	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	665603	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	424932	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	890876	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1139399	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1287992	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1305735	125.092	ng	0.00
7) Phenol-d6	6.960	99	1606270	120.026	ng	0.00
23) Nitrobenzene-d5	8.919	82	997167	75.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	703438	122.987	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2279423	73.312	ng	-0.02
79) Terphenyl-d14	19.907	244	4365584	70.100	ng	-0.01

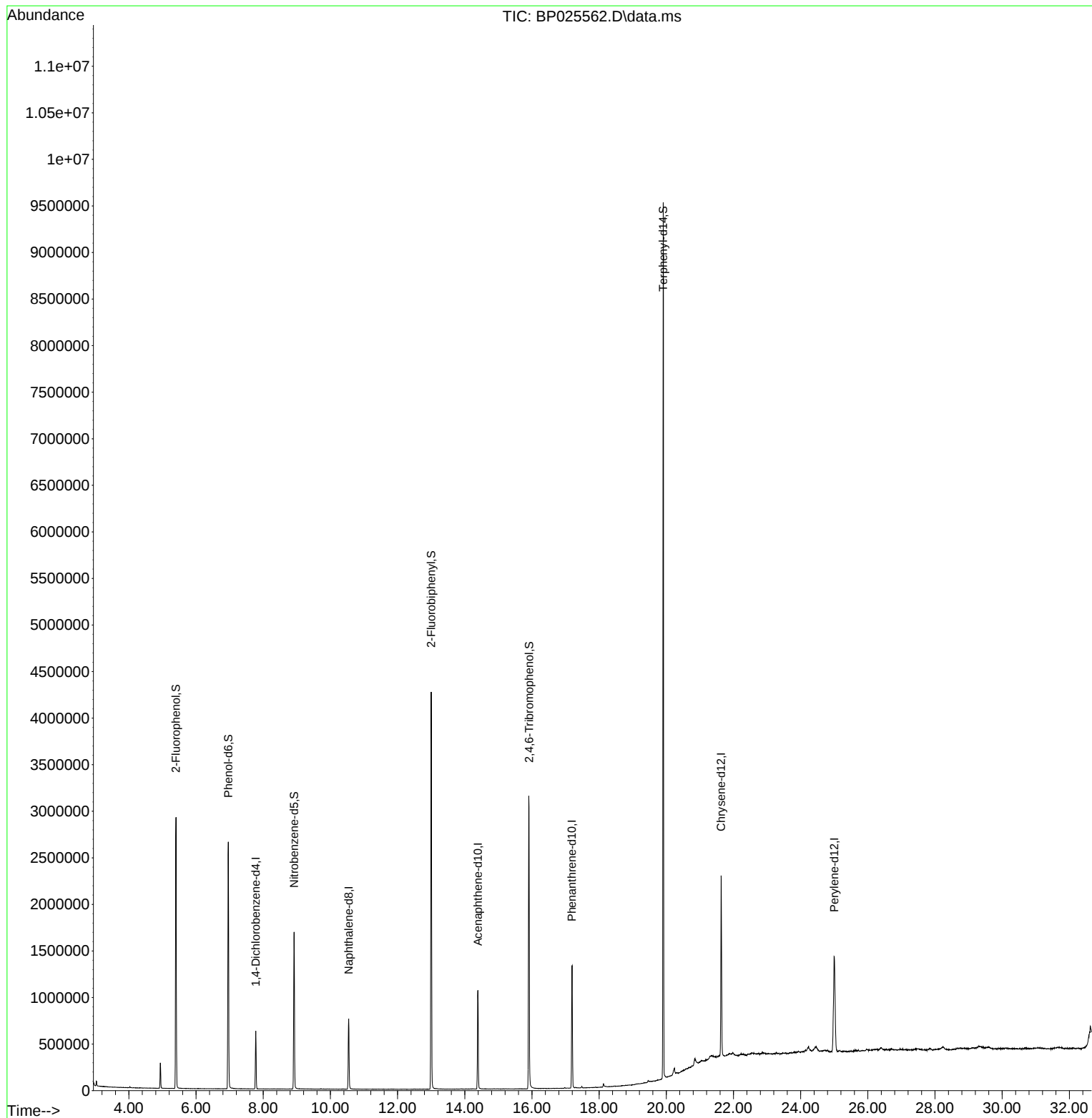
Target Compounds	Qvalue

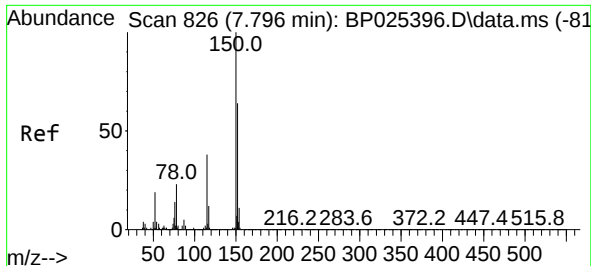
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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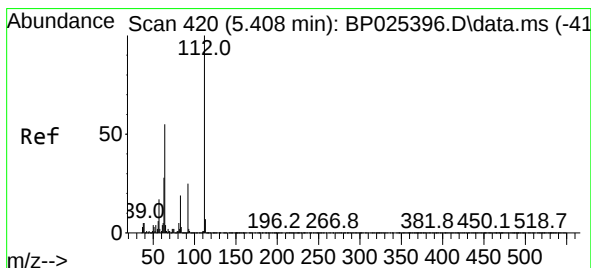
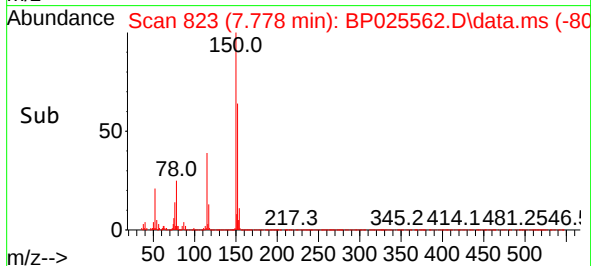
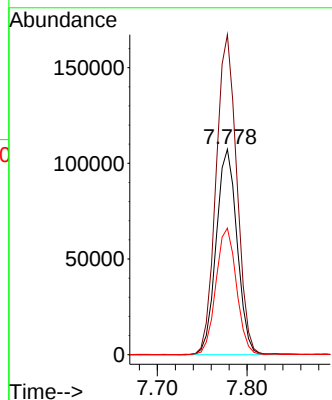
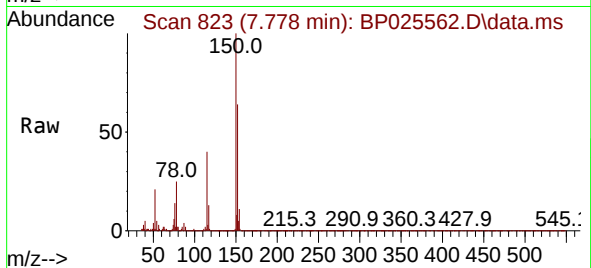




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

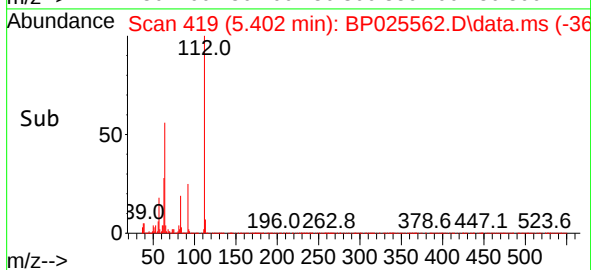
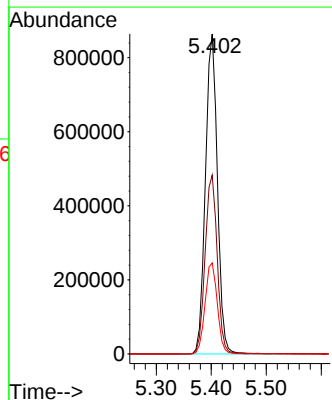
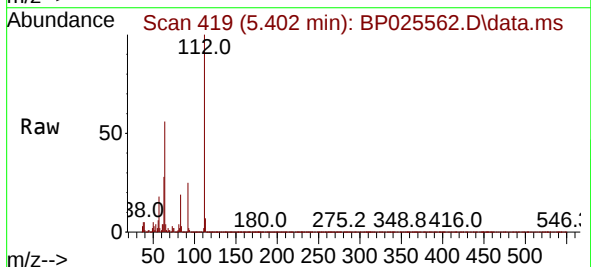
Instrument :
BNA_P
ClientSampleId :
PB169362BL

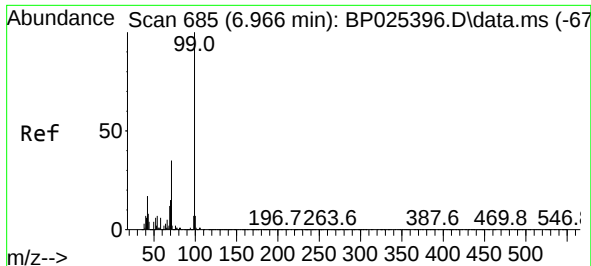
Tgt Ion:152 Resp: 173347
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 125.092 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:112 Resp: 1305735
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 28.5 22.7 34.1

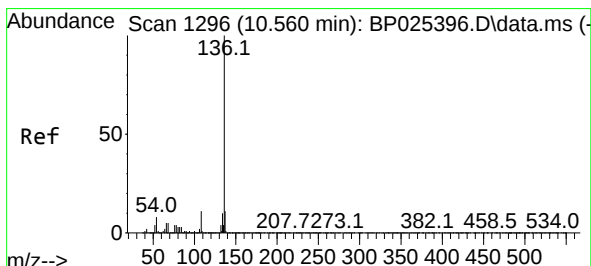
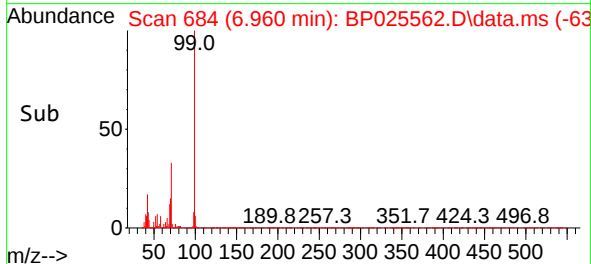
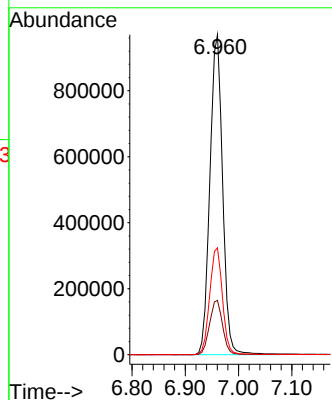
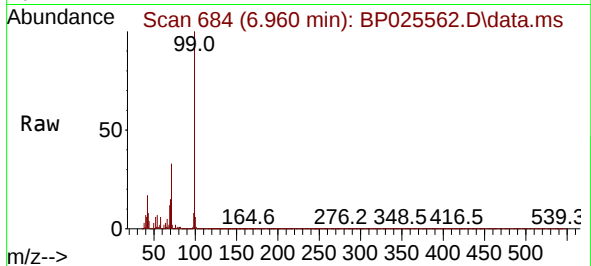




#7
Phenol-d6
Concen: 120.026 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

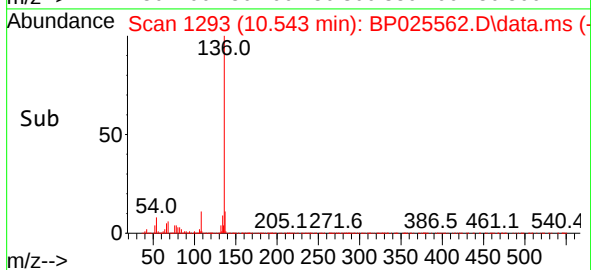
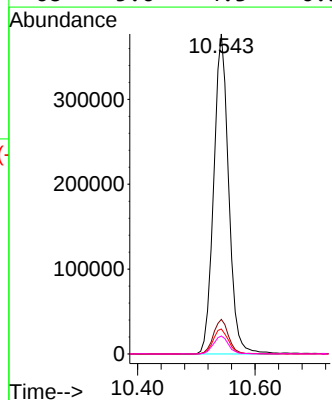
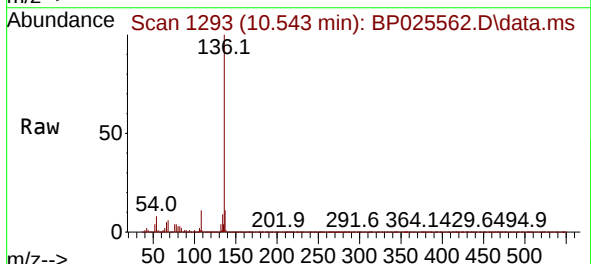
Instrument :
BNA_P
ClientSampleId :
PB169362BL

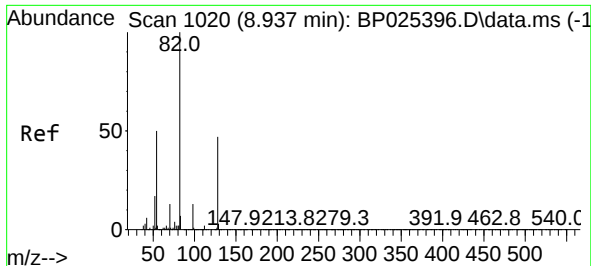
Tgt Ion: 99 Resp: 1606270
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion: 136 Resp: 665603
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.0 9.0
68 5.6 4.3 6.5

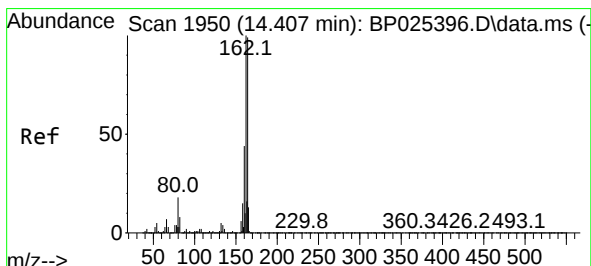
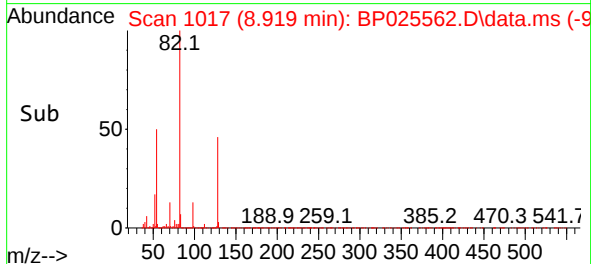
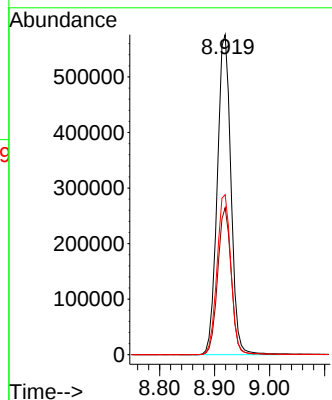
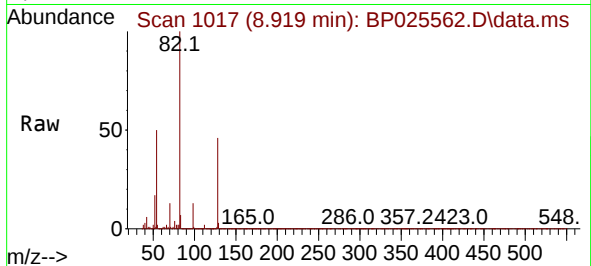




#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

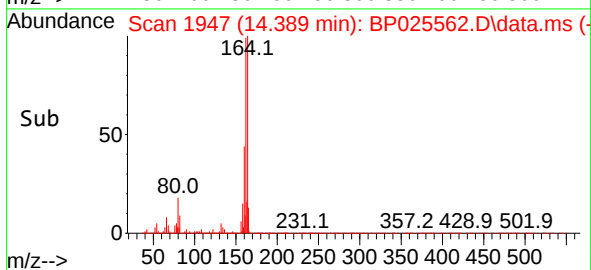
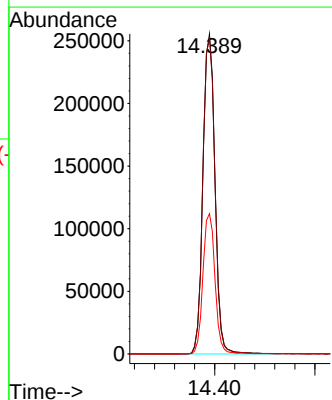
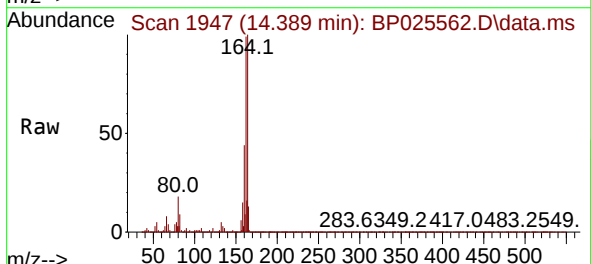
Instrument :
BNA_P
ClientSampleId :
PB169362BL

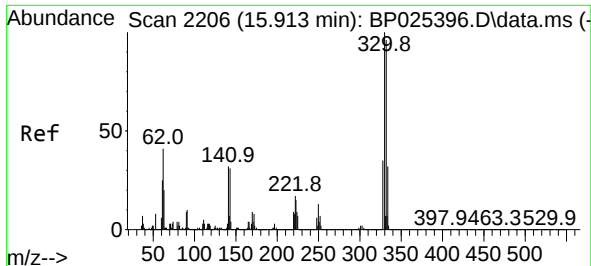
Tgt Ion: 82 Resp: 997167
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 50.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:164 Resp: 424932
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.6
160 43.8 35.4 53.2

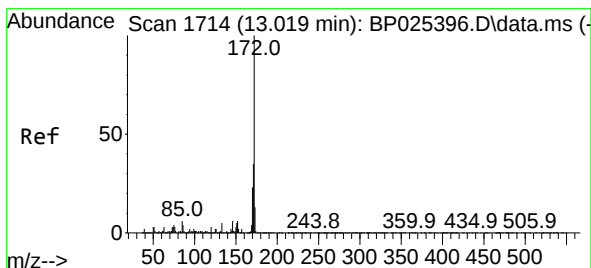
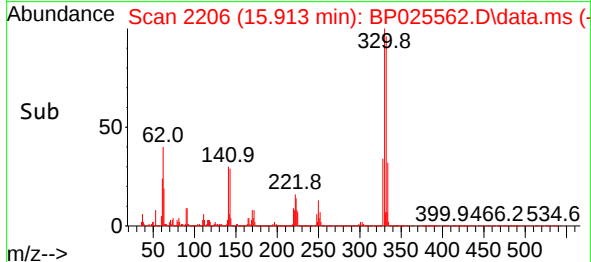
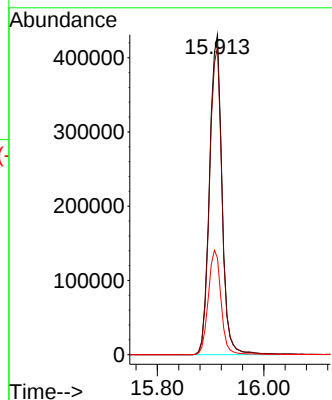
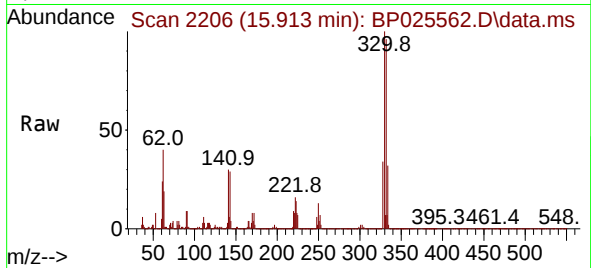




#42
2,4,6-Tribromophenol
Concen: 122.987 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

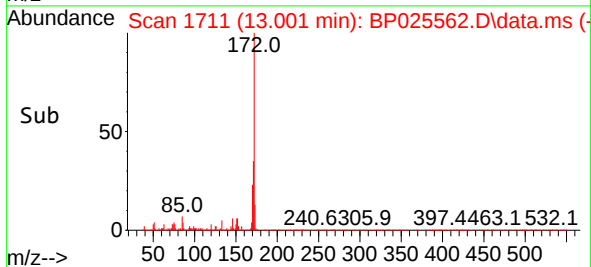
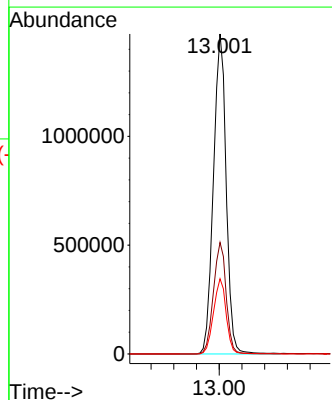
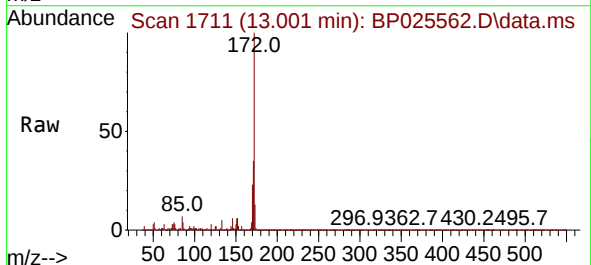
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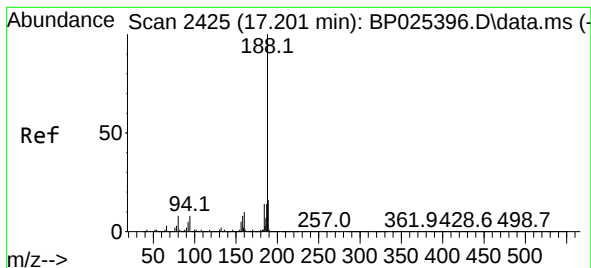
Tgt Ion:330 Resp: 703438
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 73.312 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:172 Resp: 2279423
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025562.D

Acq: 25 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169362BL

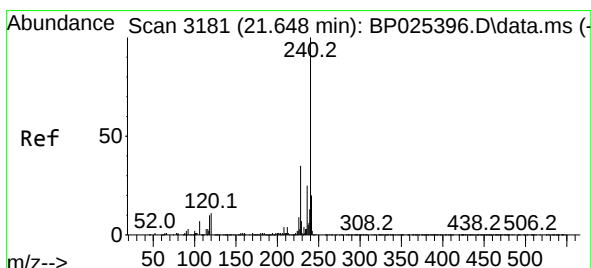
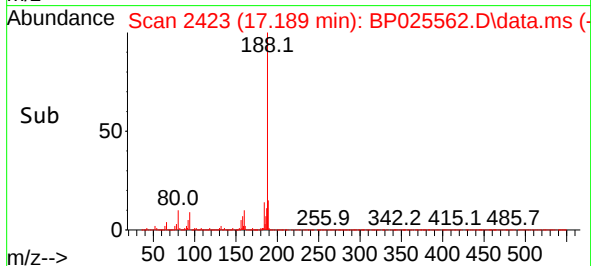
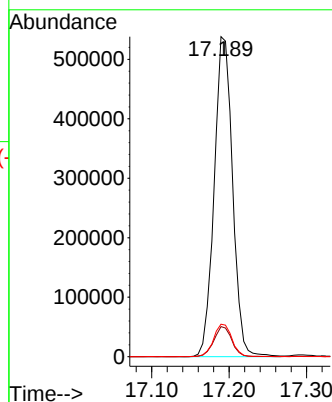
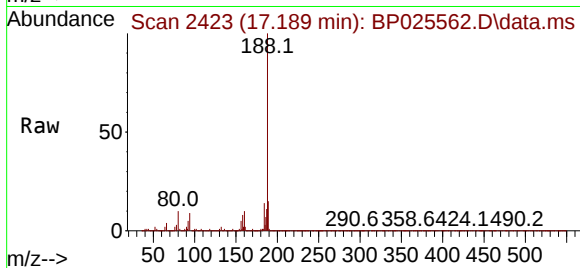
Tgt Ion:188 Resp: 890876

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 10.2 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025562.D

Acq: 25 Aug 2025 12:54

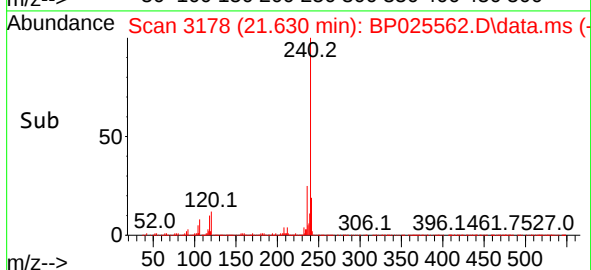
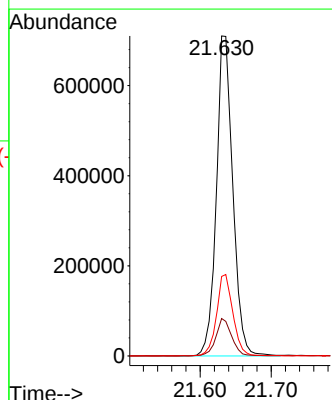
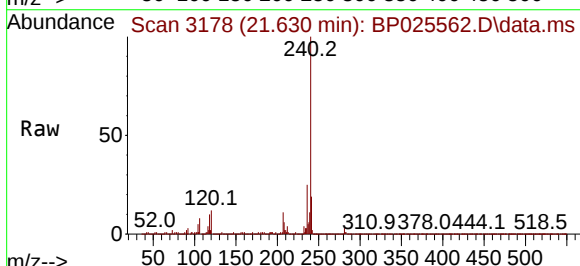
Tgt Ion:240 Resp: 1139399

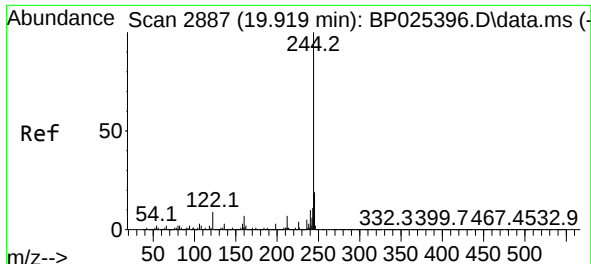
Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 24.9 19.8 29.8

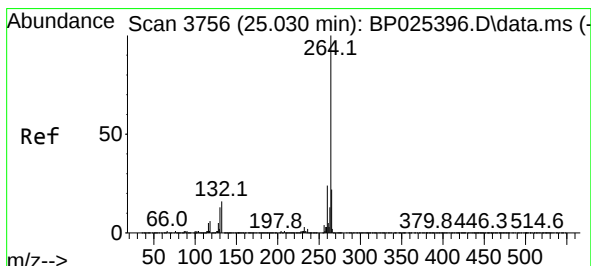
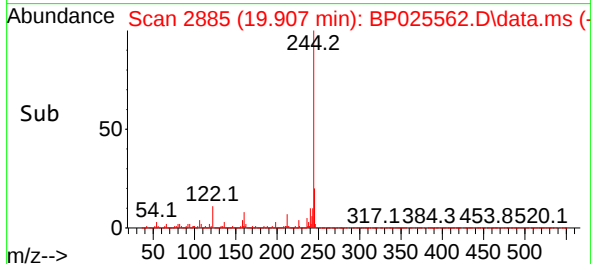
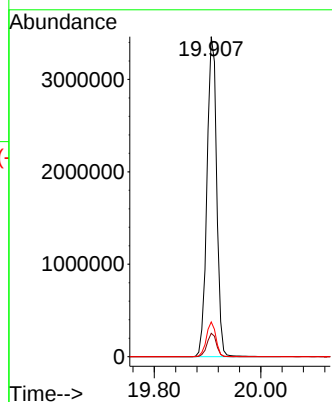
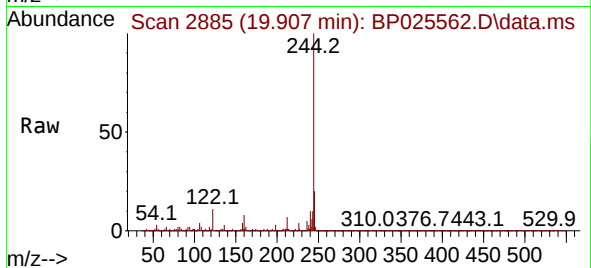




#79
 Terphenyl-d14
 Concen: 70.100 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025562.D
 Acq: 25 Aug 2025 12:54

Instrument :
 BNA_P
 ClientSampleId :
 PB169362BL

Tgt Ion:244 Resp: 4365584
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.9 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. -0.029 min
 Lab File: BP025562.D
 Acq: 25 Aug 2025 12:54

Tgt Ion:264 Resp: 1287992
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.3 28.9
 265 22.8 17.4 26.0

