

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025676.D
 Acq On : 05 Sep 2025 14:09
 Operator : CG/JU
 Sample : PB169526BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169526BL

Quant Time: Sep 05 14:37:01 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	7.766	152	127130	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	477658	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	304781	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	665892	20.000	ng	0.00
76) Chrysene-d12	21.648	240	755049	20.000	ng	0.00
86) Perylene-d12	25.018	264	828044	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1102806	144.059	ng	-0.02
7) Phenol-d6	6.955	99	1357671	138.331	ng	-0.01
23) Nitrobenzene-d5	8.907	82	898212	95.124	ng	-0.03
42) 2,4,6-Tribromophenol	15.913	330	652017	158.936	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	1977132	88.658	ng	-0.02
79) Terphenyl-d14	19.919	244	3797383	92.015	ng	0.00

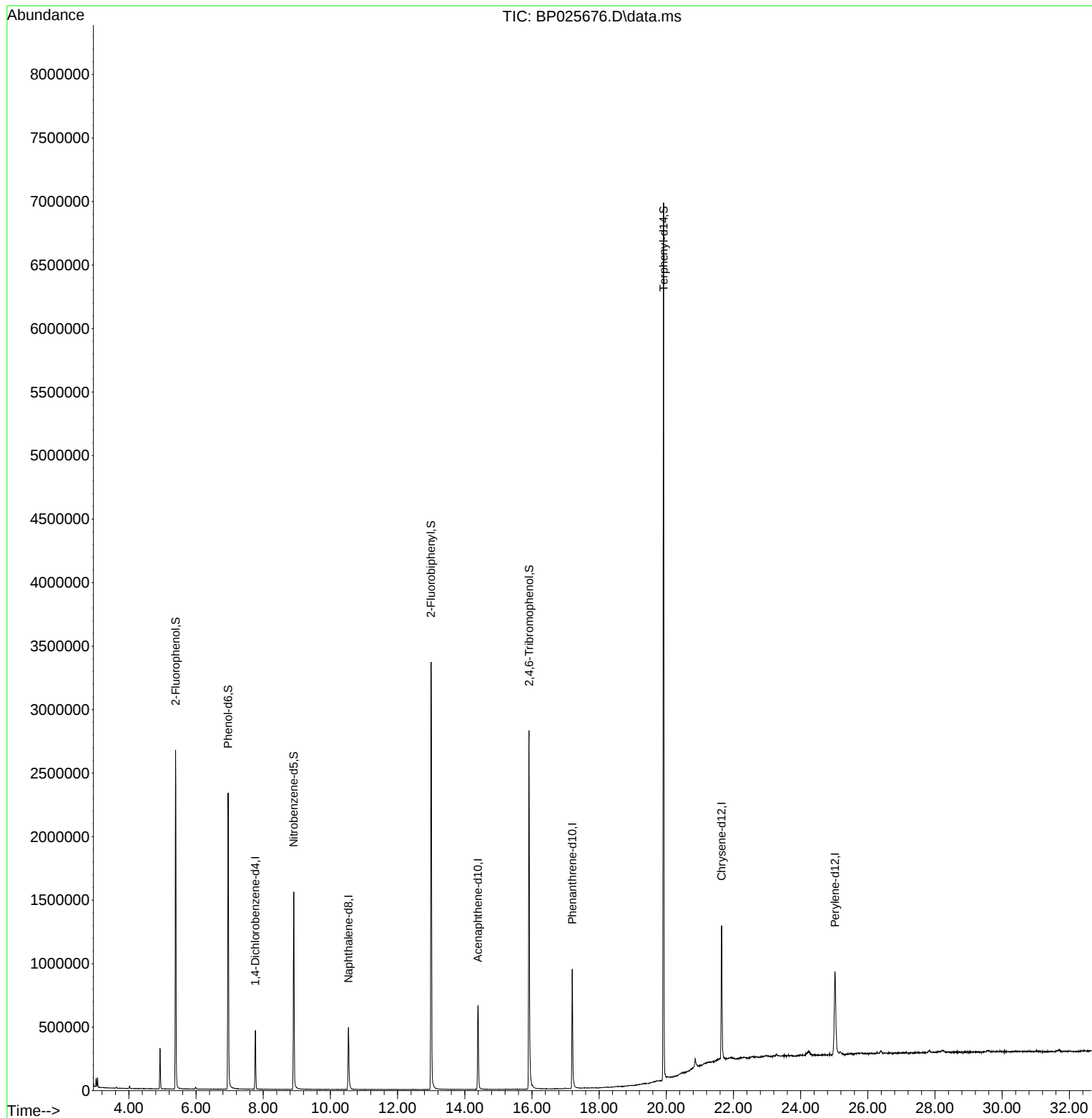
Target Compounds	Qvalue

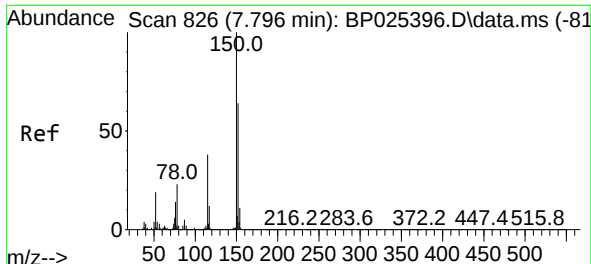
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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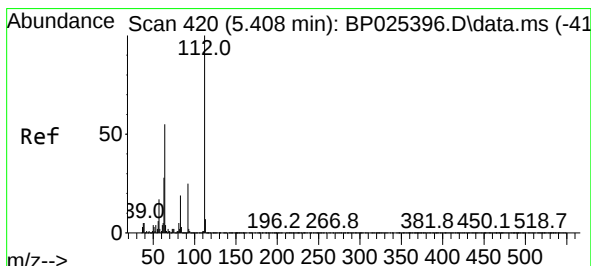
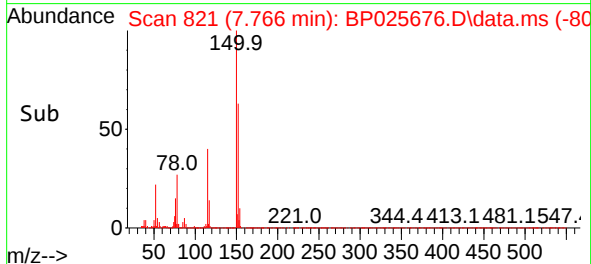
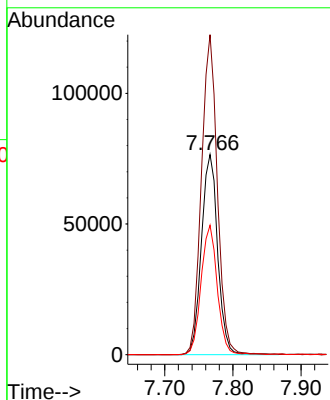
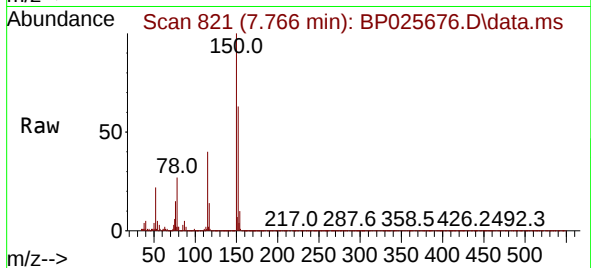




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

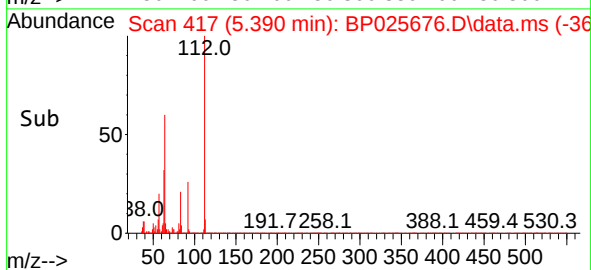
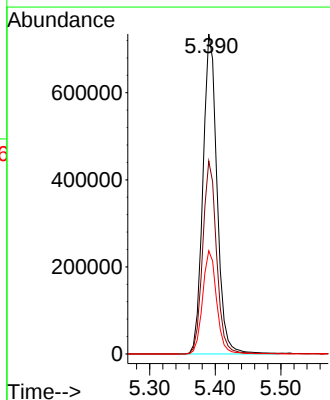
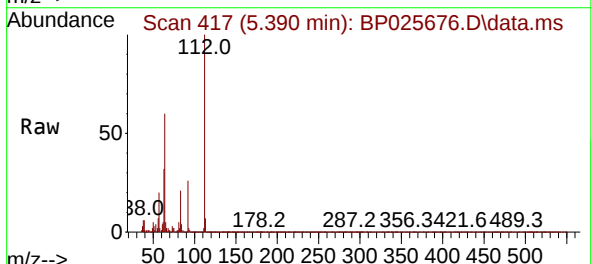
Instrument :
BNA_P
ClientSampleId :
PB169526BL

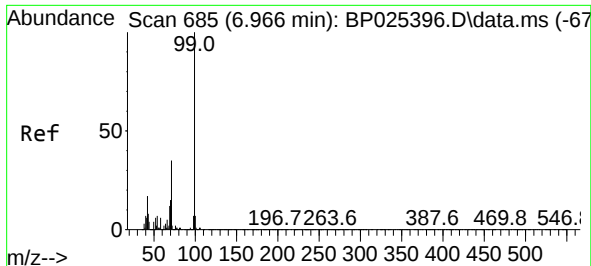
Tgt Ion:152 Resp: 127130
Ion Ratio Lower Upper
152 100
150 159.8 125.9 188.9
115 64.7 48.5 72.7



#5
2-Fluorophenol
Concen: 144.059 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

Tgt Ion:112 Resp: 1102806
Ion Ratio Lower Upper
112 100
64 60.3 43.8 65.8
63 32.3 22.7 34.1

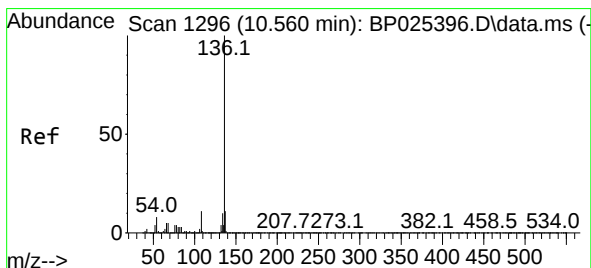
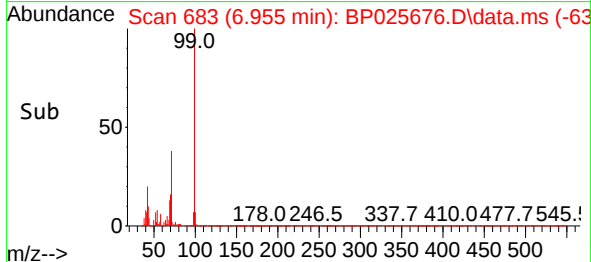
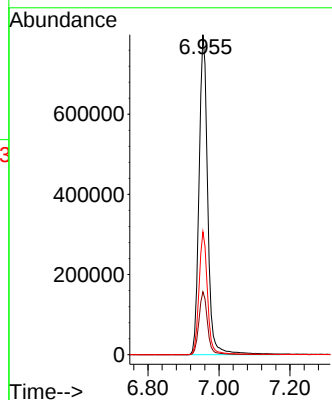
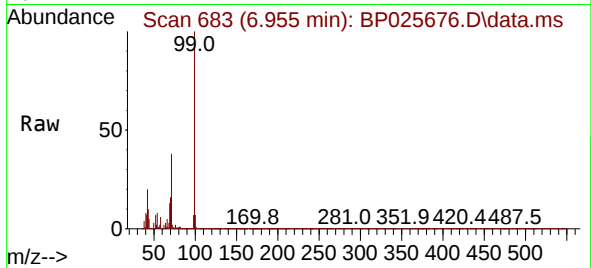




#7
Phenol-d6
Concen: 138.331 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

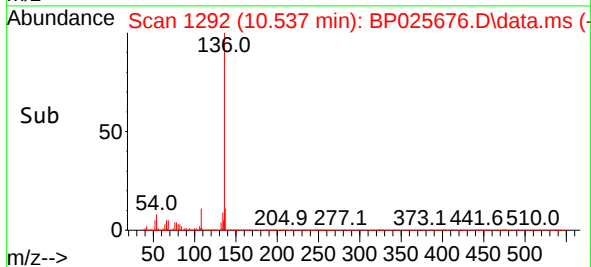
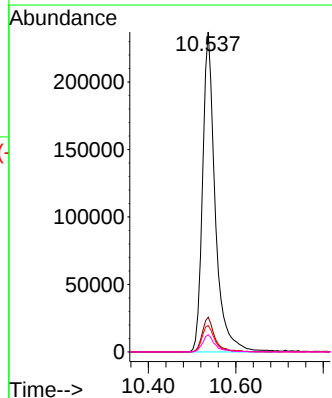
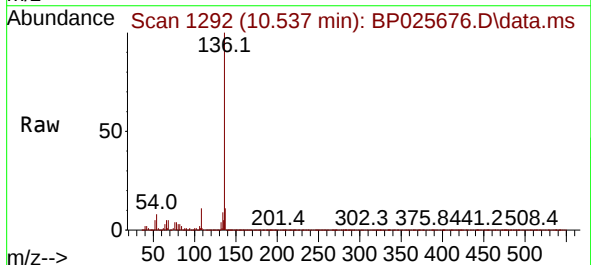
Instrument :
BNA_P
ClientSampleId :
PB169526BL

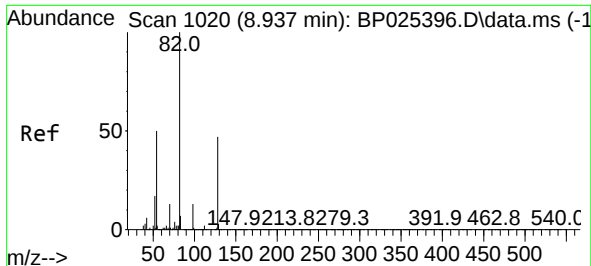
Tgt Ion: 99 Resp: 1357671
Ion Ratio Lower Upper
99 100
42 19.6 13.7 20.5
71 38.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.023 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

Tgt Ion: 136 Resp: 477658
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.3 6.0 9.0
68 5.4 4.3 6.5

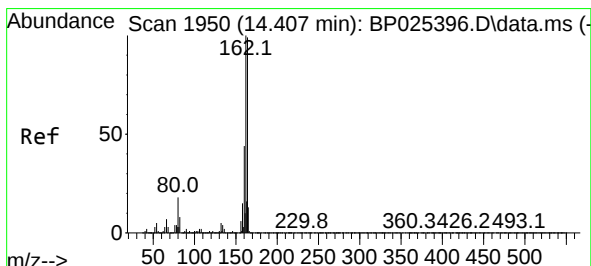
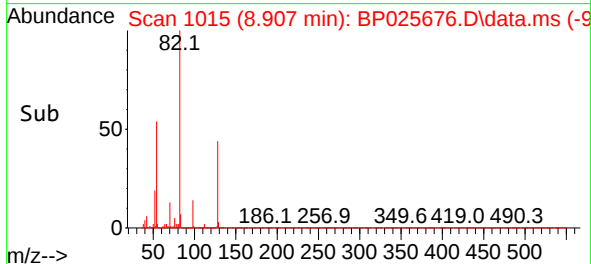
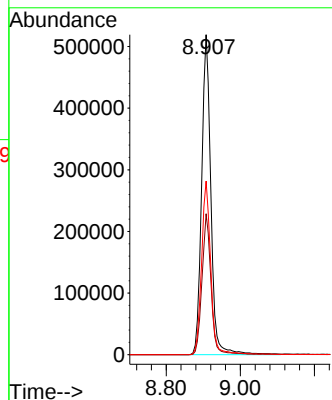
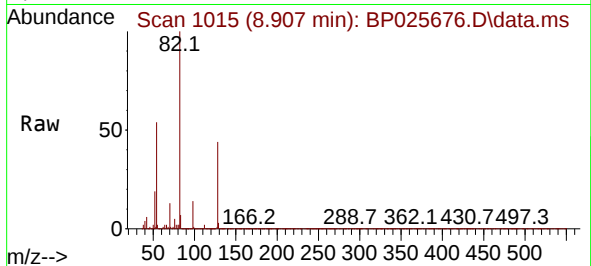




#23
Nitrobenzene-d5
Concen: 95.124 ng
RT: 8.907 min Scan# 1015
Delta R.T. -0.029 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

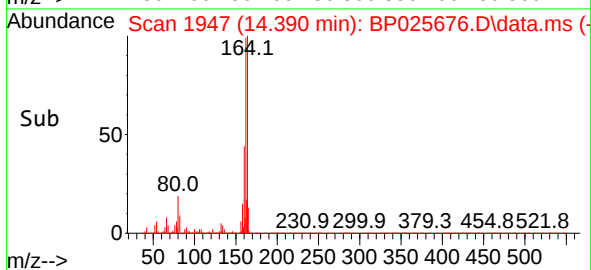
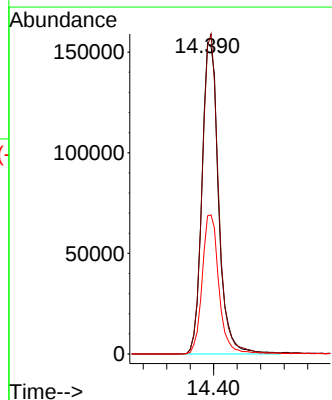
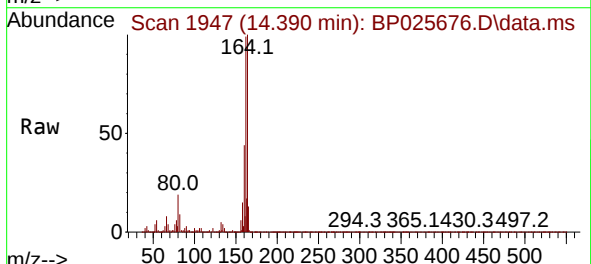
Instrument :
BNA_P
ClientSampleId :
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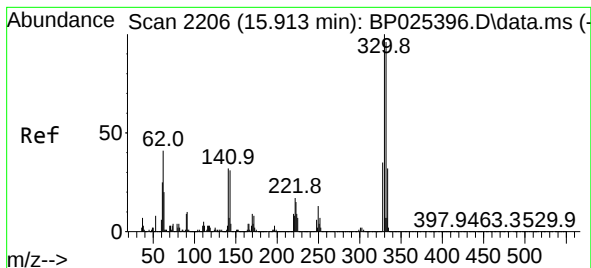
Tgt Ion: 82 Resp: 898212
Ion Ratio Lower Upper
82 100
128 44.1 37.7 56.5
54 54.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

Tgt Ion:164 Resp: 304781
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 44.4 35.4 53.2

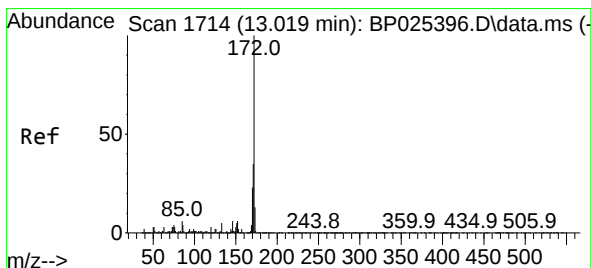
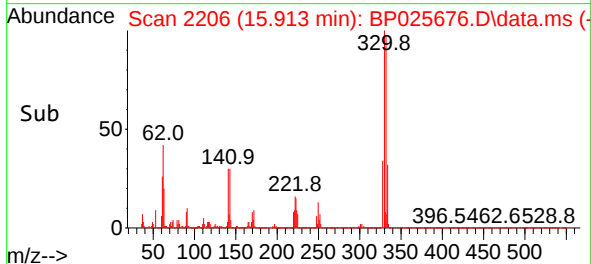
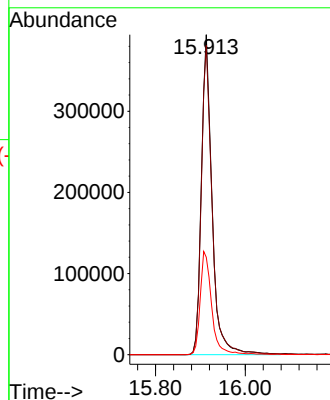
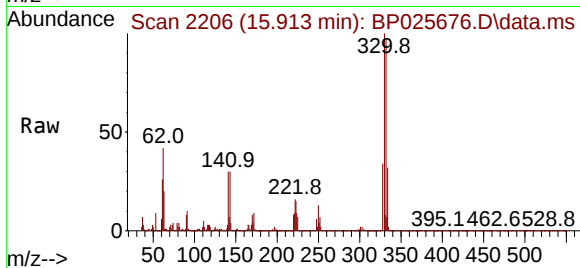




#42
2,4,6-Tribromophenol
Concen: 158.936 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

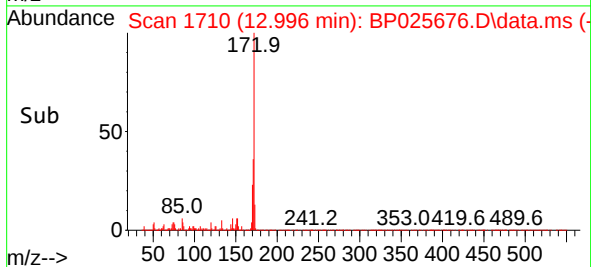
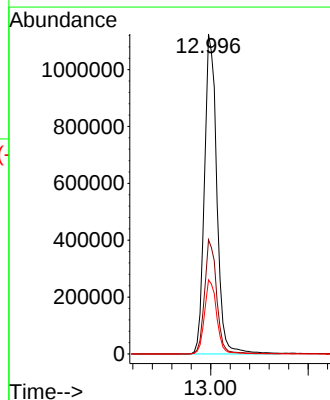
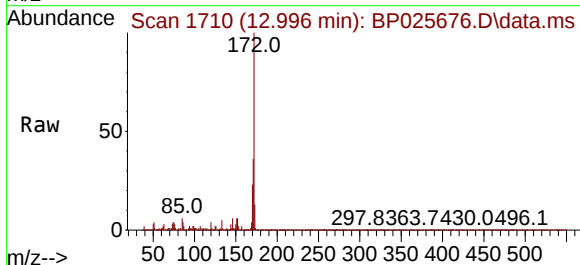
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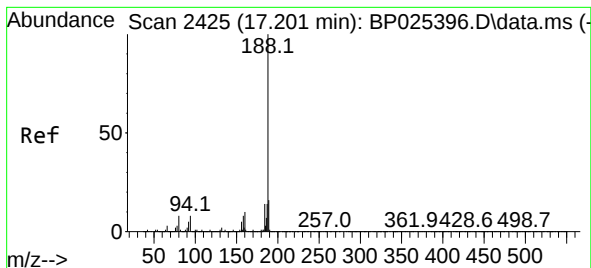
Tgt Ion:330 Resp: 652017
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 34.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.658 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

Tgt Ion:172 Resp: 1977132
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.1 18.6 28.0

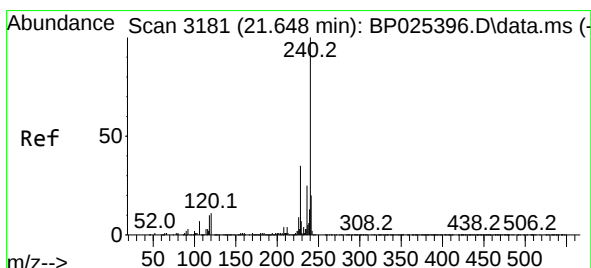
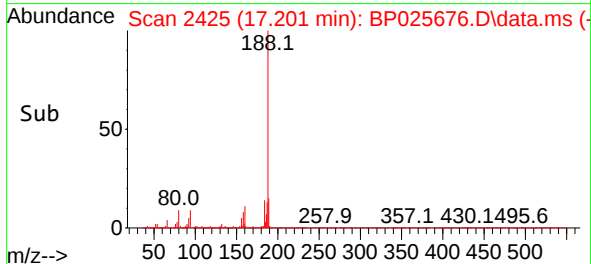
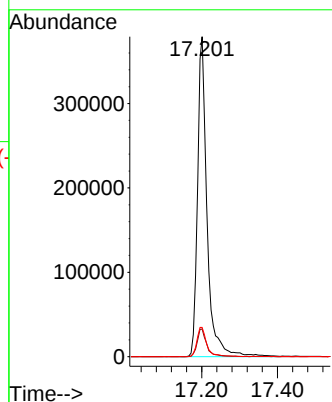
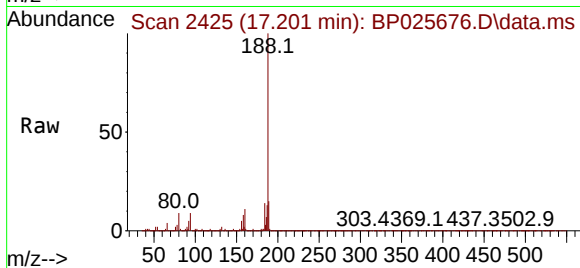




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

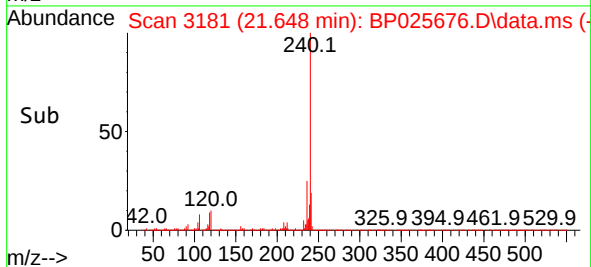
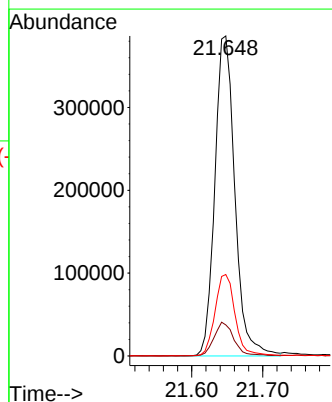
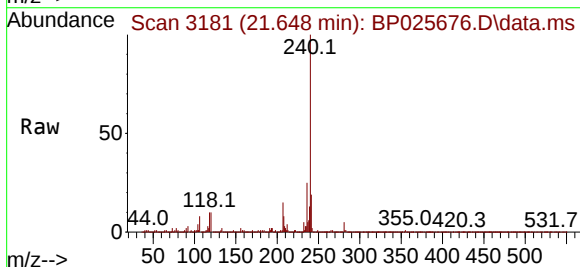
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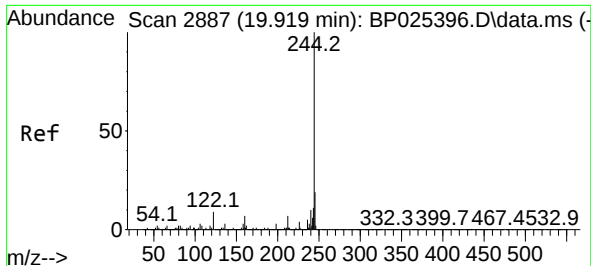
Tgt Ion:188 Resp: 665892
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025676.D
Acq: 05 Sep 2025 14:09

Tgt Ion:240 Resp: 755049
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.5 19.8 29.8

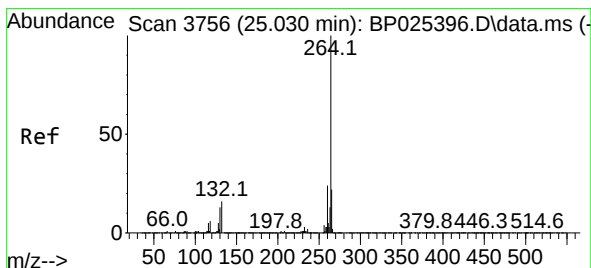
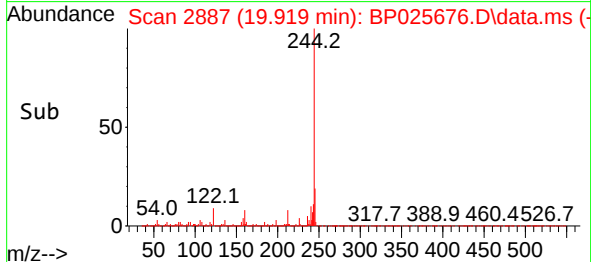
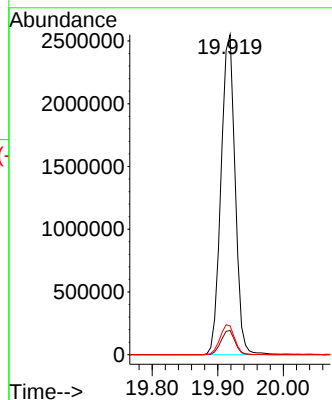
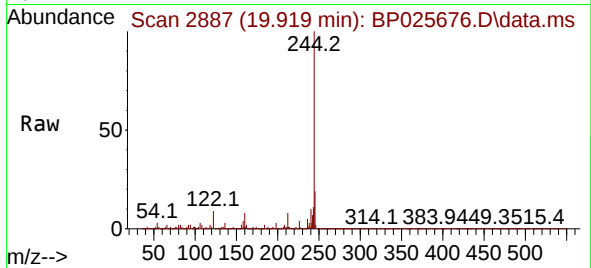




#79
 Terphenyl-d14
 Concen: 92.015 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025676.D
 Acq: 05 Sep 2025 14:09

Instrument :
 BNA_P
 ClientSampleId :
 PB169526BL

Tgt Ion:244 Resp: 3797383
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.0 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025676.D
 Acq: 05 Sep 2025 14:09

Tgt Ion:264 Resp: 828044
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.8 17.4 26.0

