

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024518.D
 Acq On : 02 May 2025 21:06
 Operator : RC/JU
 Sample : Q1932-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-7

Quant Time: May 02 23:46:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	147415	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	592329	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	373255	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	776902	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	925174	20.000	ng	0.00
86) Perylene-d12	24.939	264	1071217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	673568	75.550	ng	-0.01
7) Phenol-d6	6.898	99	887782	72.722	ng	-0.01
23) Nitrobenzene-d5	8.857	82	519013	49.963	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	515476	99.818	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1273870	52.255	ng	-0.01
79) Terphenyl-d14	19.868	244	2496105	54.382	ng	0.00

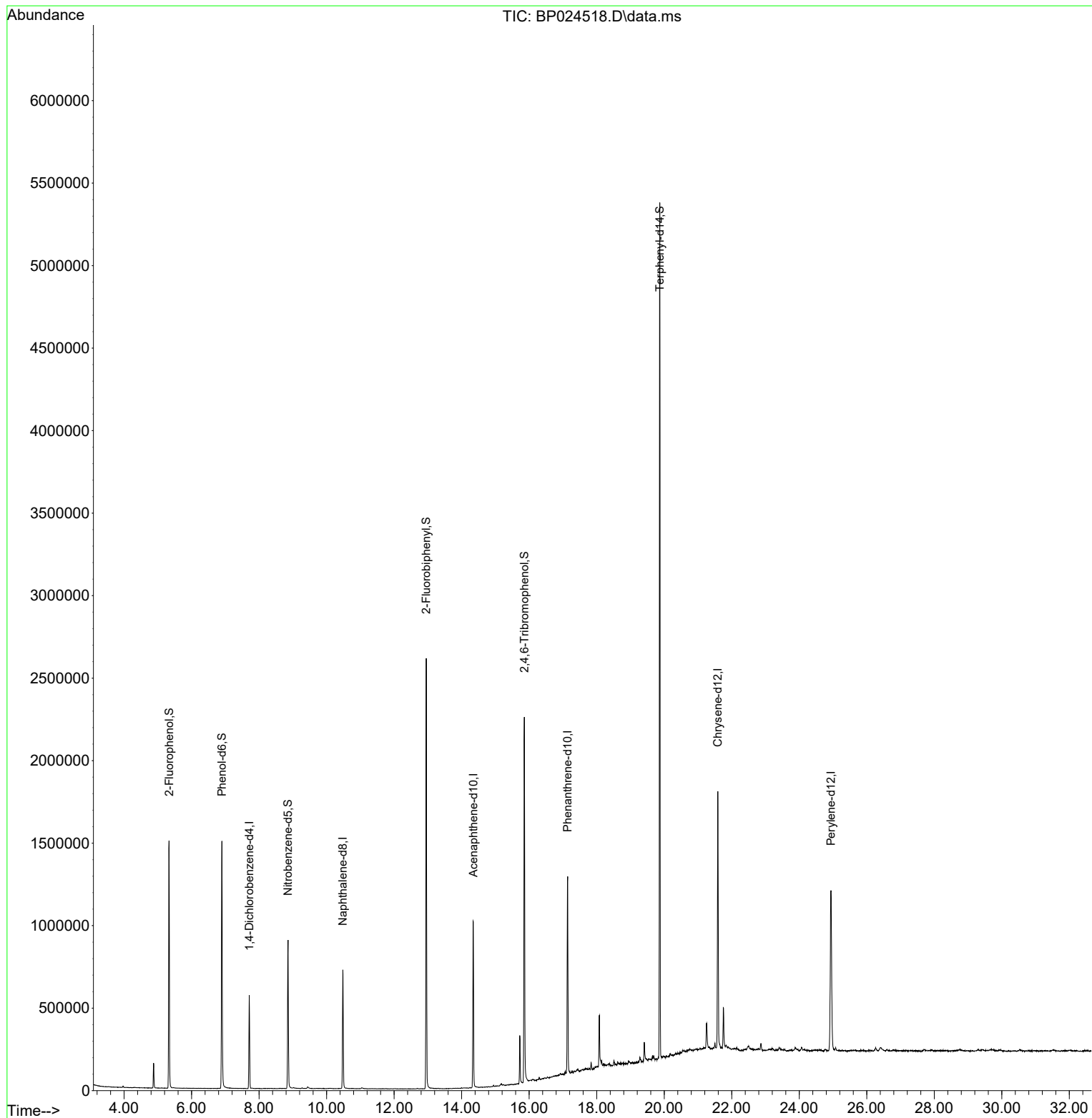
Target Compounds	Qvalue

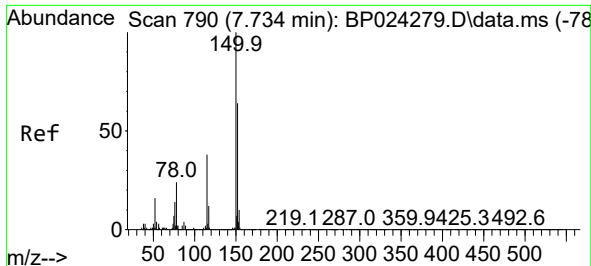
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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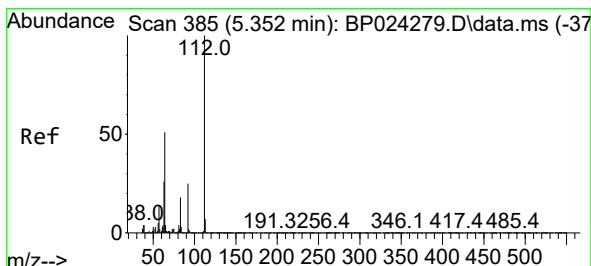
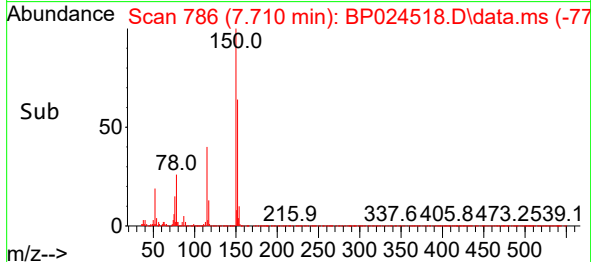
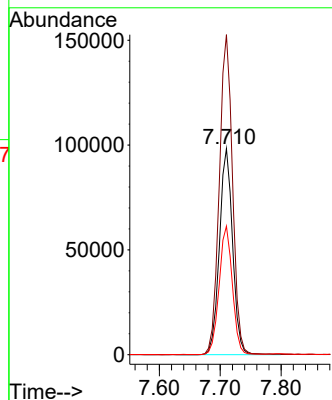
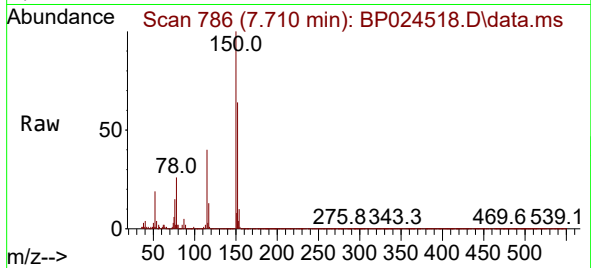




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

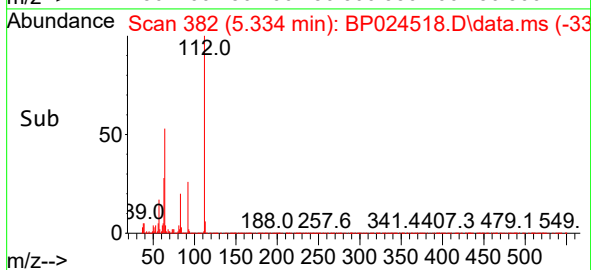
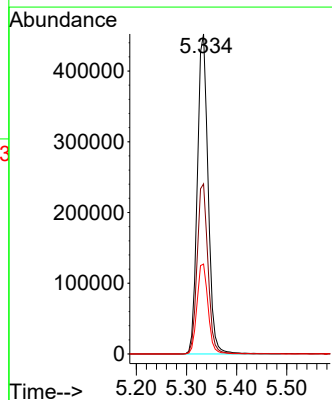
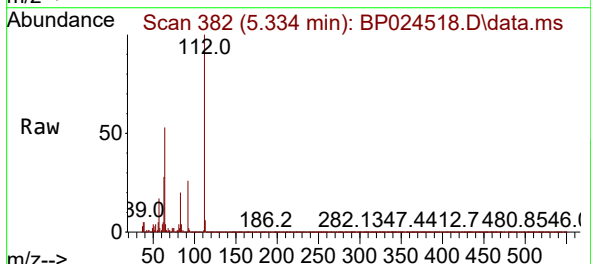
Instrument :
BNA_P
ClientSampleId :
COMP-7

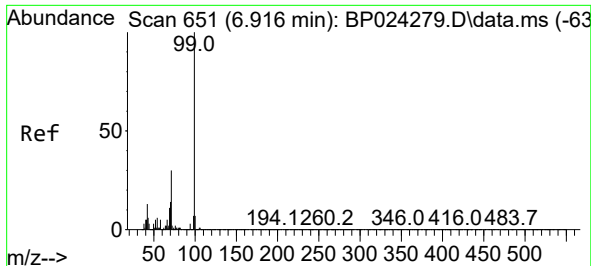
Tgt Ion:152 Resp: 147415
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 62.3 47.7 71.5



#5
2-Fluorophenol
Concen: 75.550 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

Tgt Ion:112 Resp: 673568
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.1 20.6 30.8

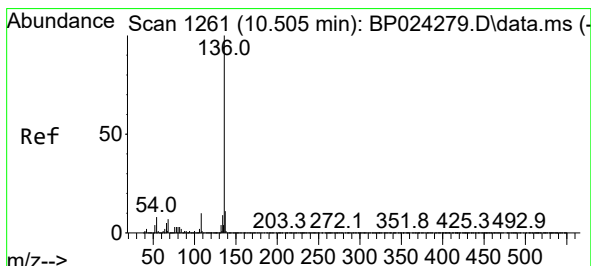
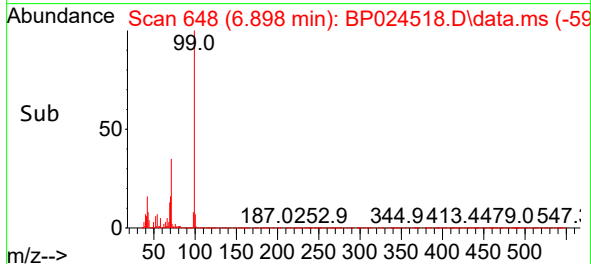
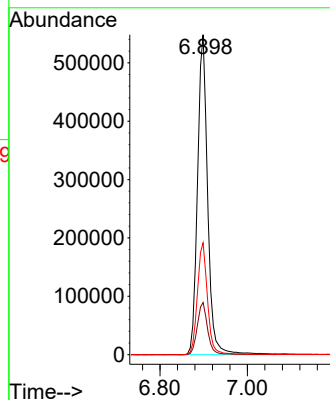
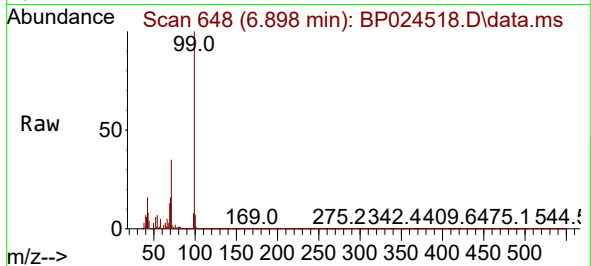




#7
Phenol-d6
Concen: 72.722 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

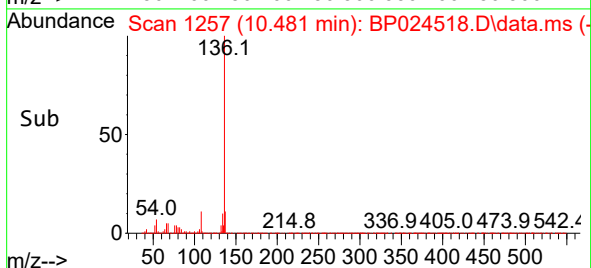
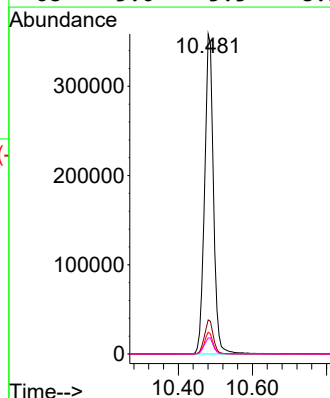
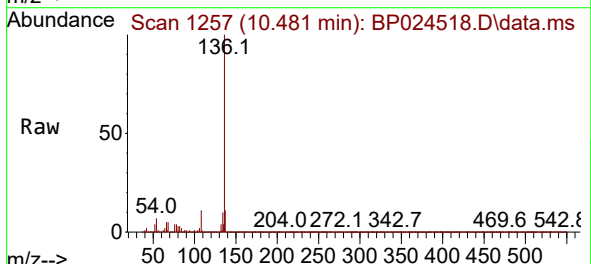
Instrument :
BNA_P
ClientSampleId :
COMP-7

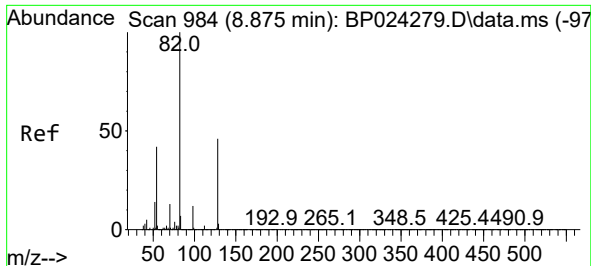
Tgt Ion: 99 Resp: 887782
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

Tgt Ion:136 Resp: 592329
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.8 6.0 9.0
68 5.0 5.5 8.3#

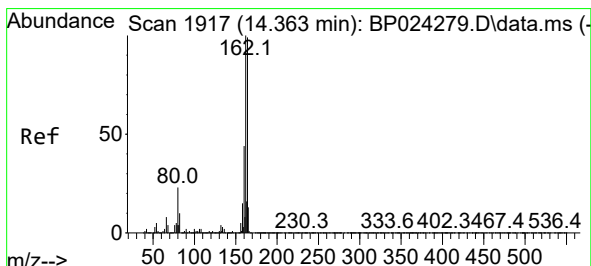
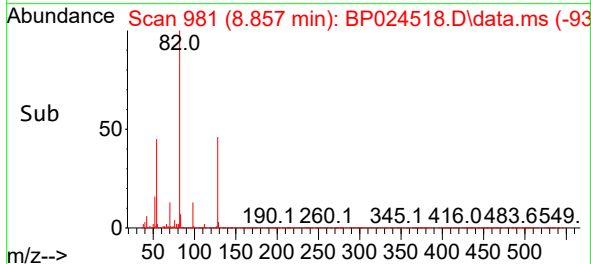
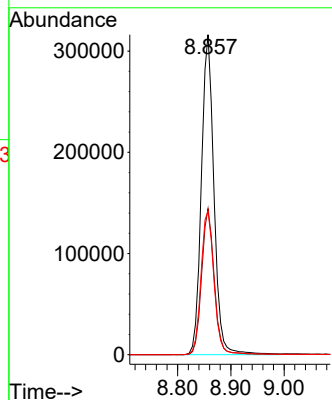
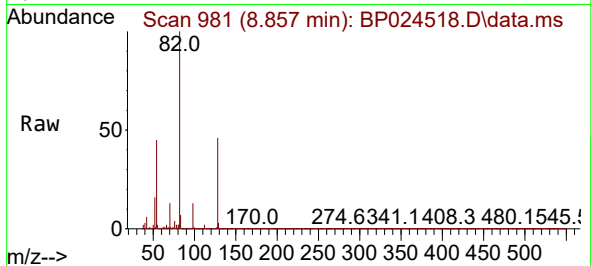




#23
Nitrobenzene-d5
Concen: 49.963 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

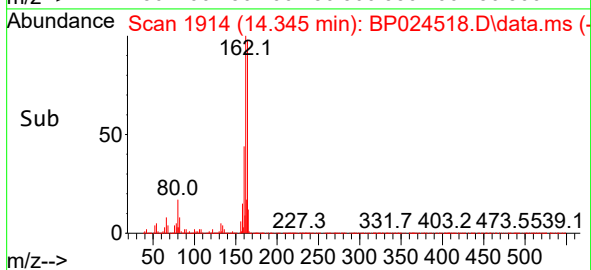
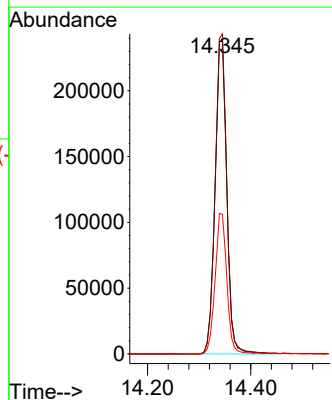
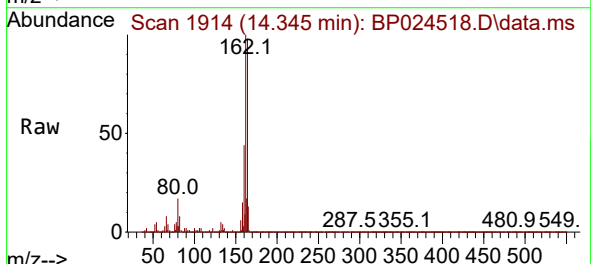
Instrument :
BNA_P
ClientSampleId :
COMP-7

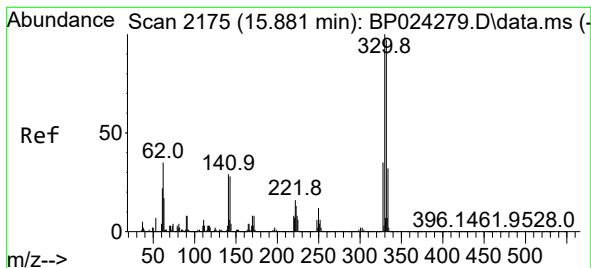
Tgt Ion: 82 Resp: 519013
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 44.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

Tgt Ion: 164 Resp: 373255
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.7 35.3 52.9

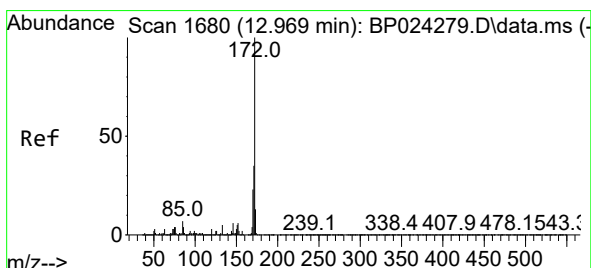
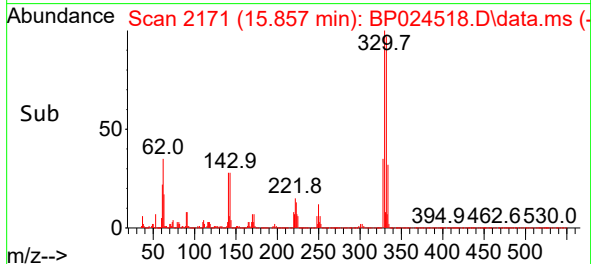
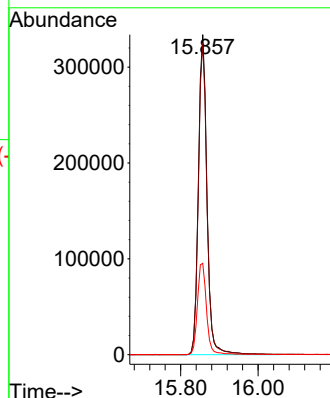
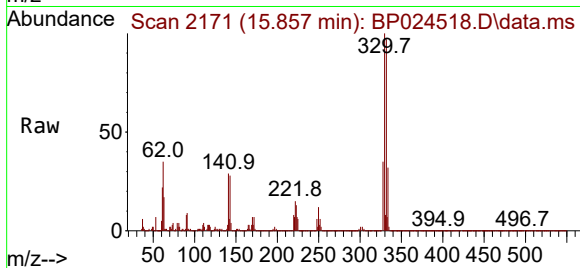




#42
2,4,6-Tribromophenol
Concen: 99.818 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

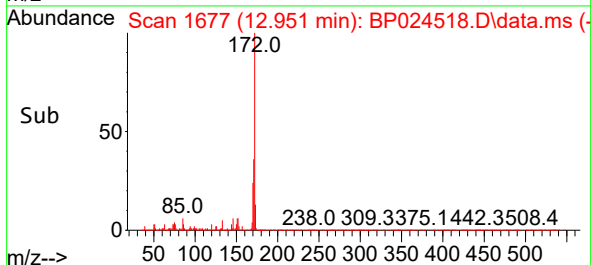
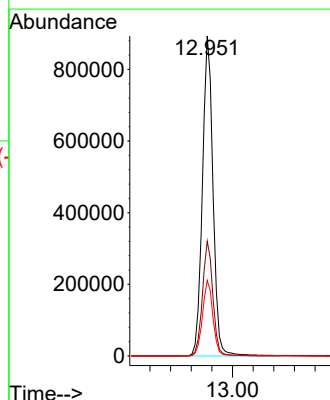
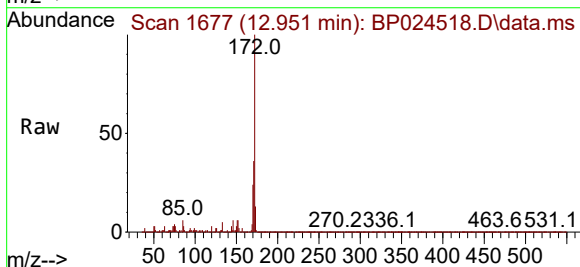
Instrument :
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ClientSampleId :
COMP-7

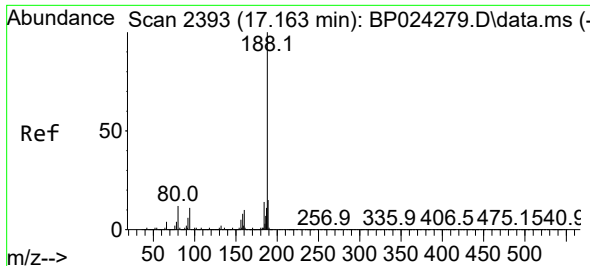
Tgt Ion: 330 Resp: 515476
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 52.255 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

Tgt Ion: 172 Resp: 1273870
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.6 18.6 27.8

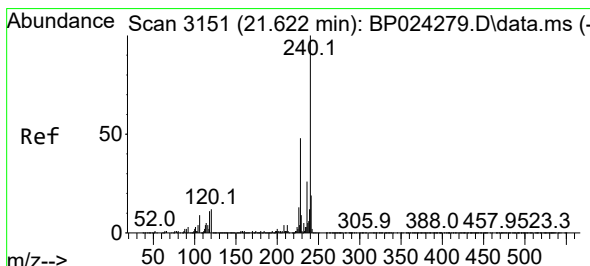
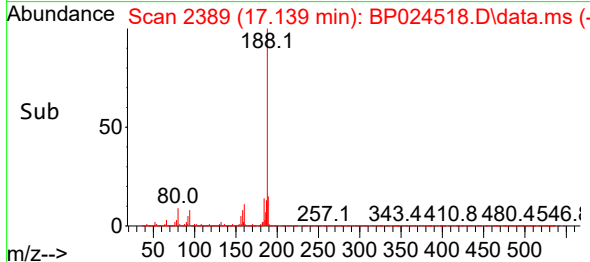
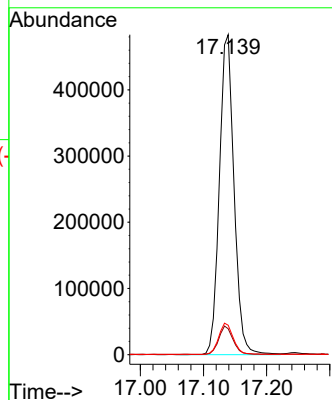
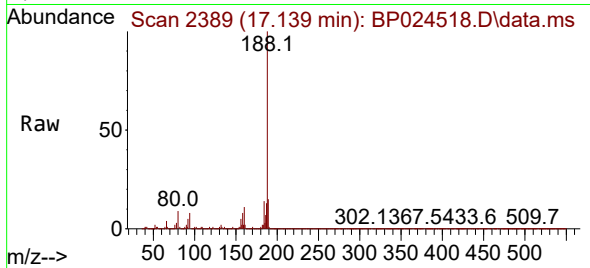




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

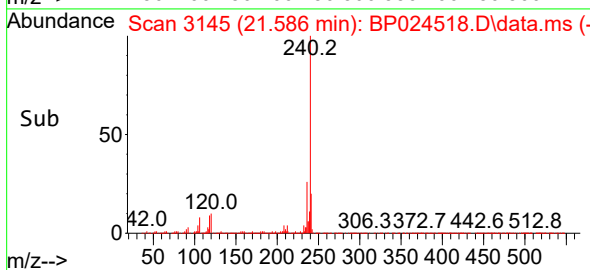
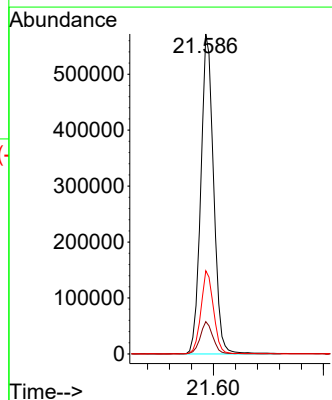
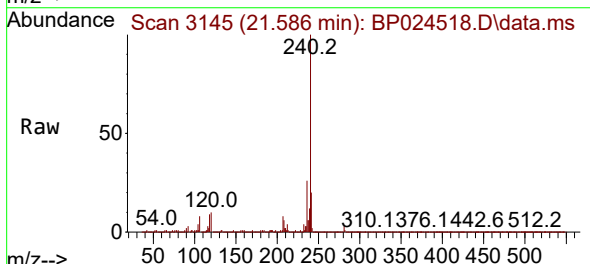
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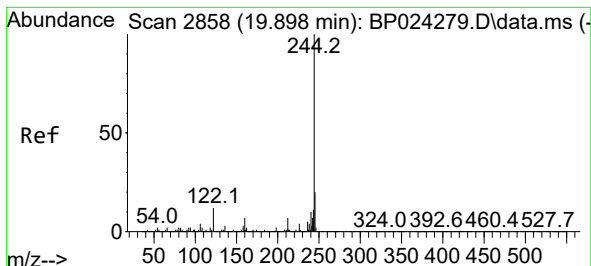
Tgt Ion:188 Resp: 776902
Ion Ratio Lower Upper
188 100
94 8.1 8.6 13.0#
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024518.D
Acq: 02 May 2025 21:06

Tgt Ion:240 Resp: 925174
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 54.382 ng

RT: 19.868 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BP024518.D

Acq: 02 May 2025 21:06

Instrument :

BNA_P

ClientSampleId :

COMP-7

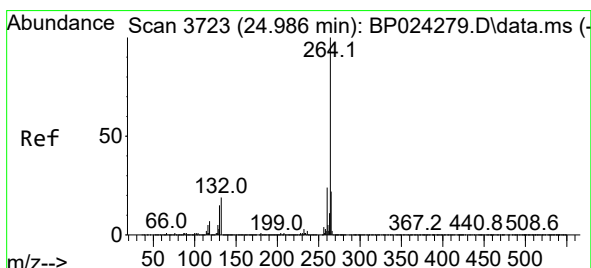
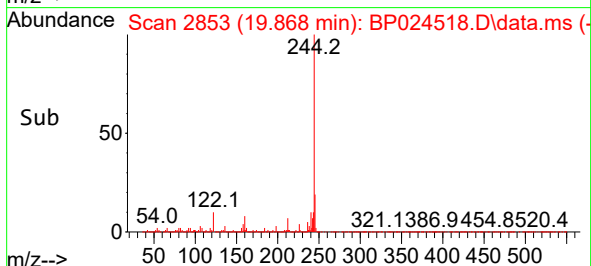
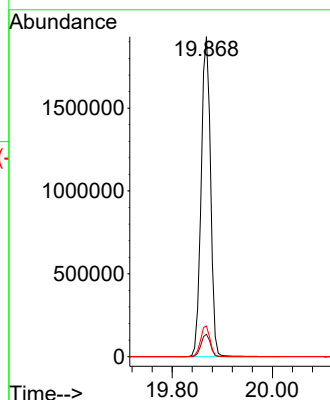
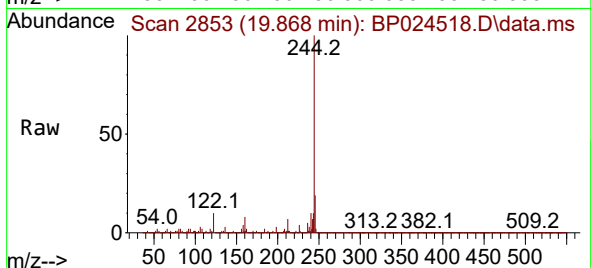
Tgt Ion:244 Resp: 2496105

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024518.D

Acq: 02 May 2025 21:06

Tgt Ion:264 Resp: 1071217

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 17.8 26.6

