

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024510.D
 Acq On : 02 May 2025 15:38
 Operator : RC/JU
 Sample : Q1917-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-JJ

Quant Time: May 02 16:00:14 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	7.705	152	143394	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	556709	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	347712	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	719933	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	831552	20.000	ng	# 0.00
86) Perylene-d12	24.945	264	952360	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	560351	64.613	ng	-0.01
7) Phenol-d6	6.899	99	723215	60.903	ng	-0.01
23) Nitrobenzene-d5	8.857	82	415375	42.545	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	382049	79.415	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	909542	40.051	ng	-0.01
79) Terphenyl-d14	19.869	244	1705642	41.344	ng	0.00

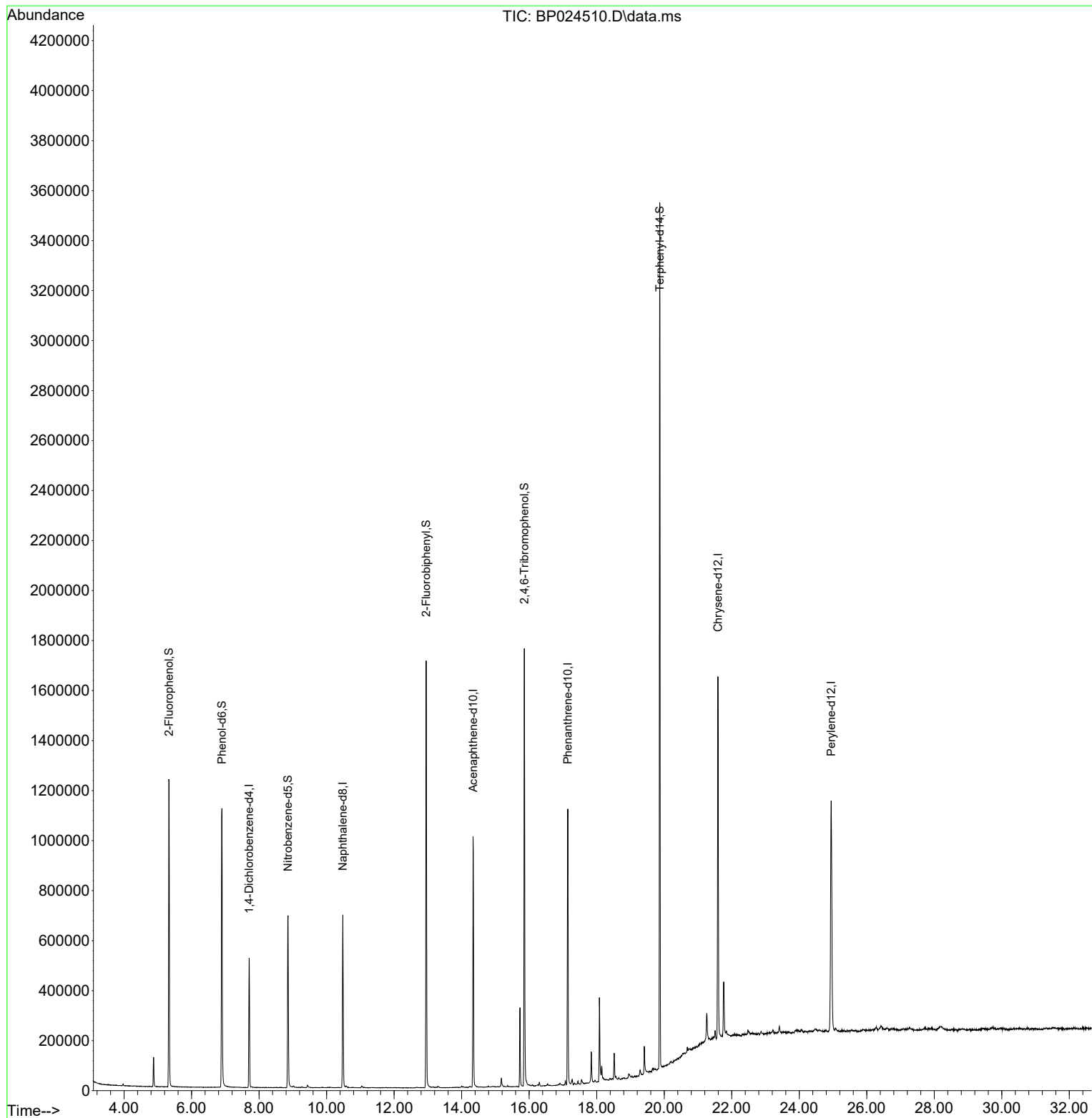
Target Compounds	Qvalue

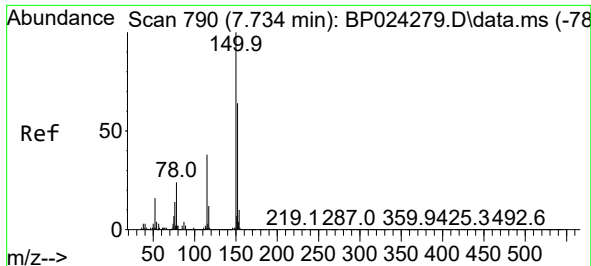
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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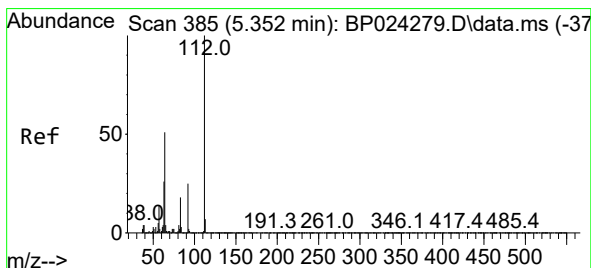
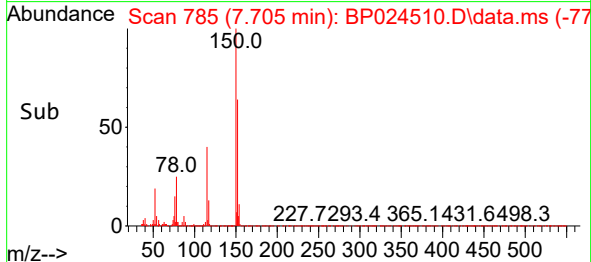
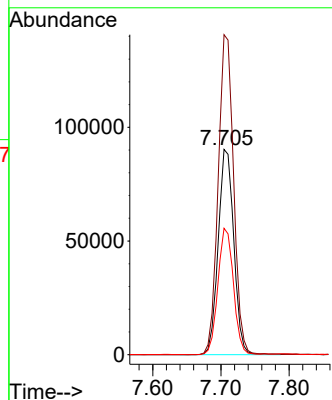
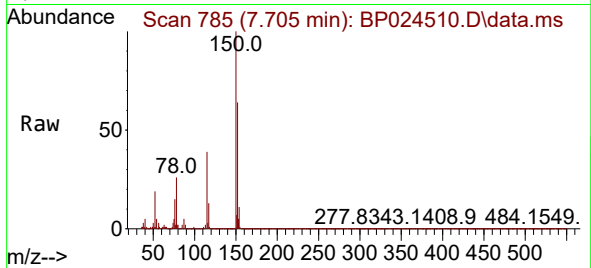




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

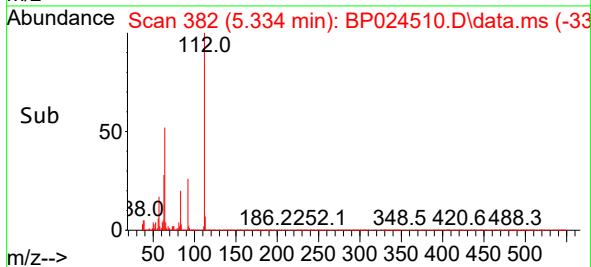
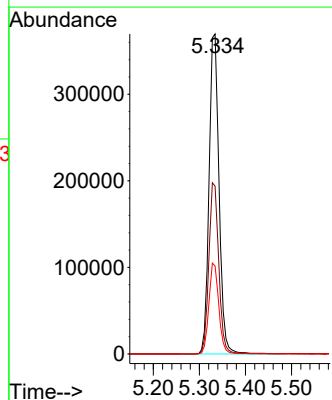
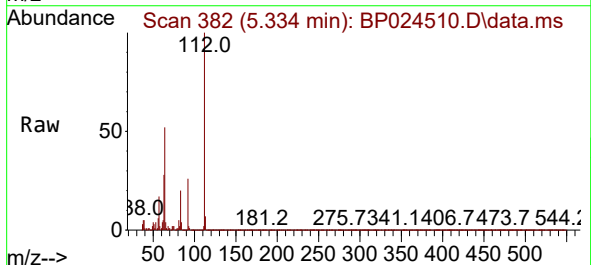
Instrument :
BNA_P
ClientSampleId :
MH-JJ

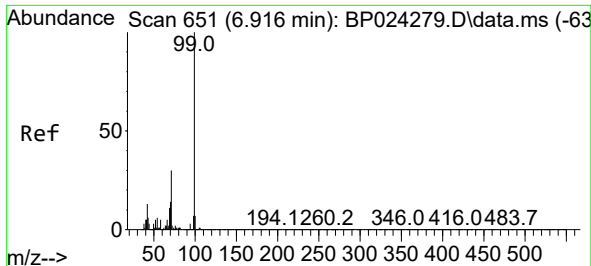
Tgt Ion:152 Resp: 143394
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 64.613 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:112 Resp: 560351
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 27.5 20.6 30.8

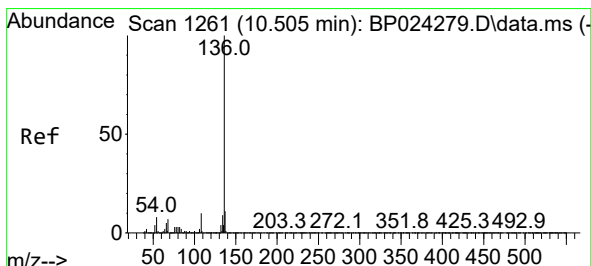
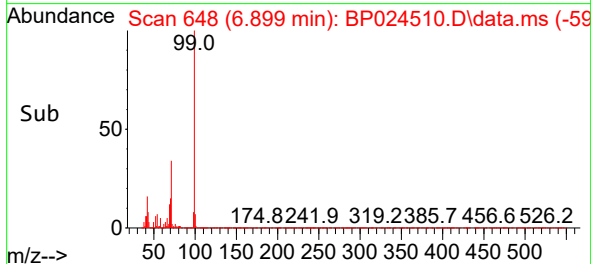
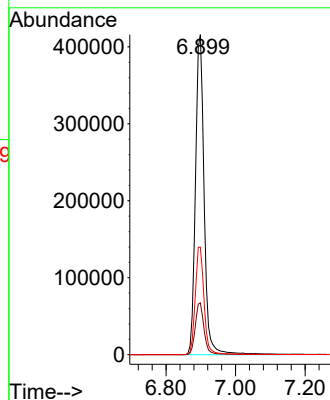
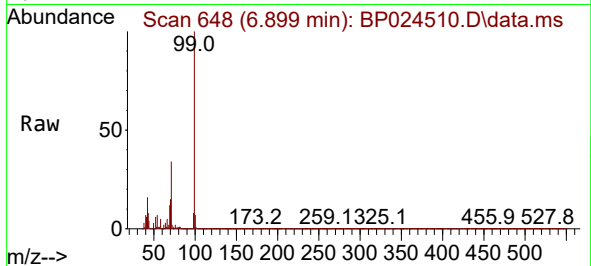




#7
Phenol-d6
Concen: 60.903 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

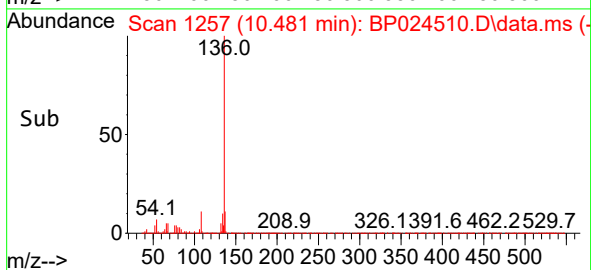
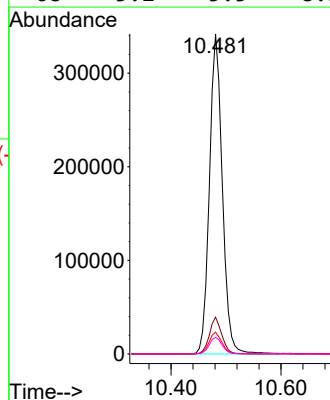
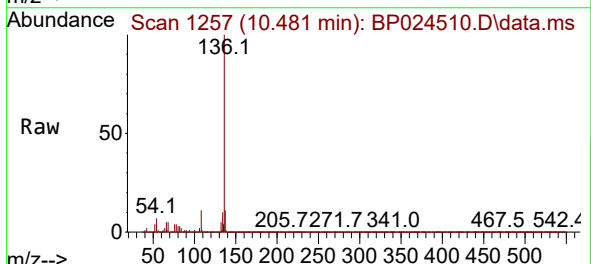
Instrument :
BNA_P
ClientSampleId :
MH-JJ

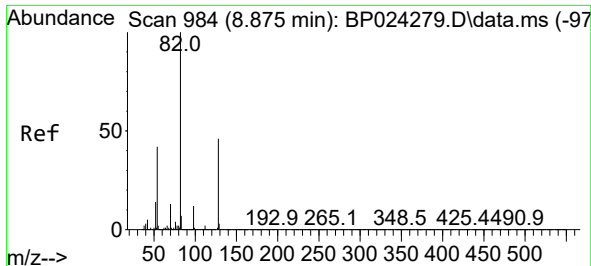
Tgt Ion: 99 Resp: 723215
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 33.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion: 136 Resp: 556709
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.8 6.0 9.0
68 5.2 5.5 8.3#

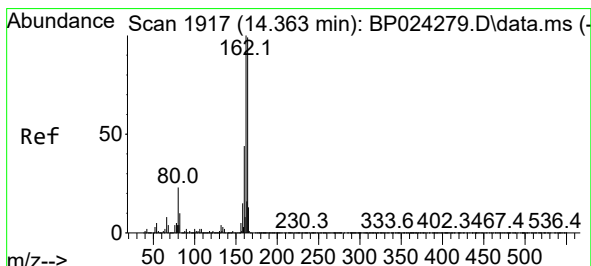
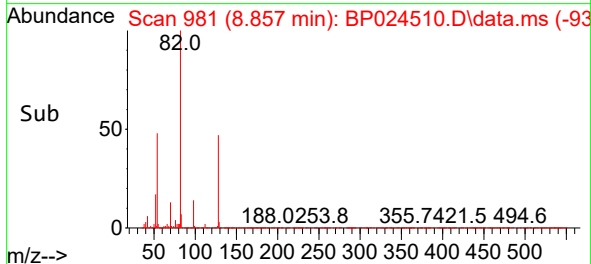
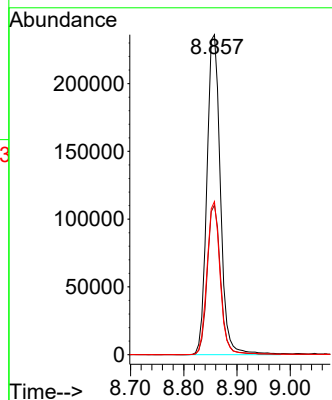
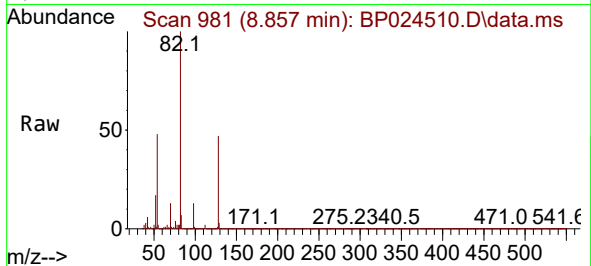




#23
Nitrobenzene-d5
Concen: 42.545 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

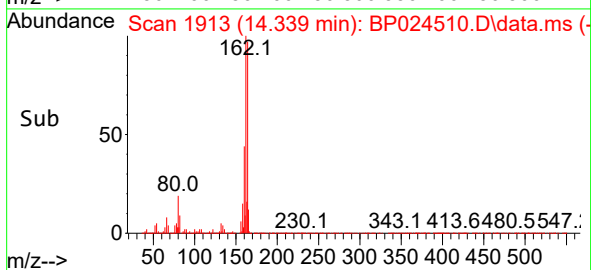
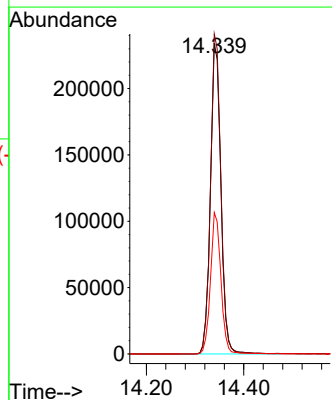
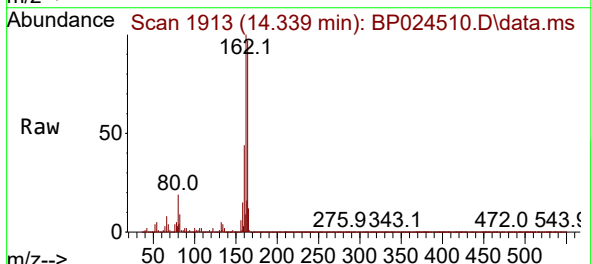
Instrument :
BNA_P
ClientSampleId :
MH-JJ

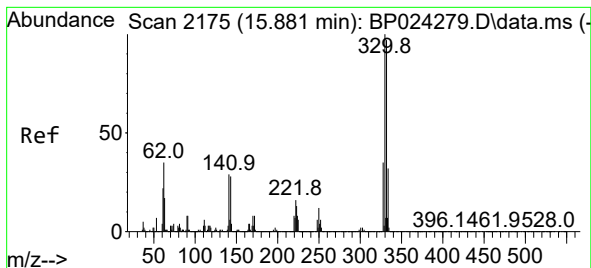
Tgt Ion: 82 Resp: 415375
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 47.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion: 164 Resp: 347712
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 45.5 35.3 52.9

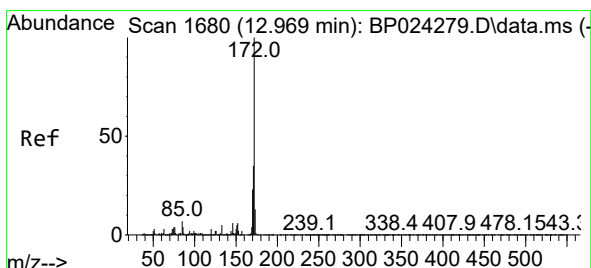
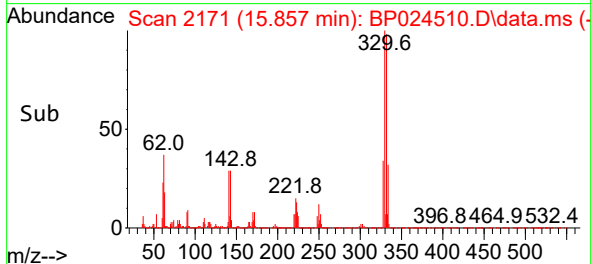
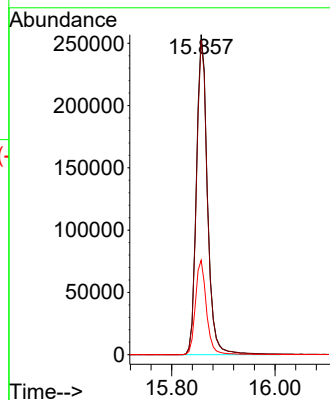
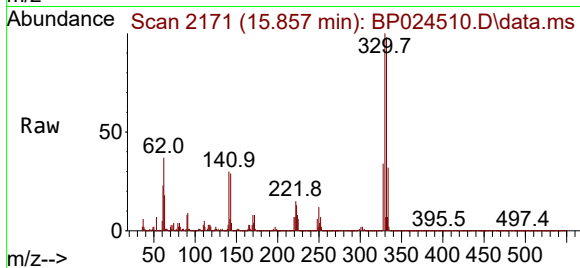




#42
2,4,6-Tribromophenol
Concen: 79.415 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

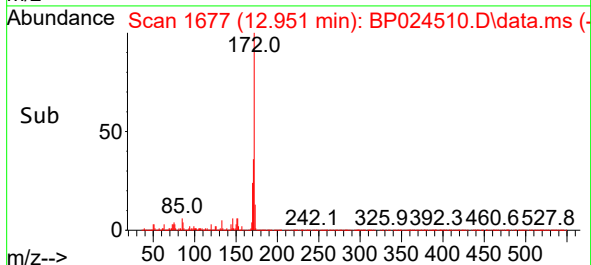
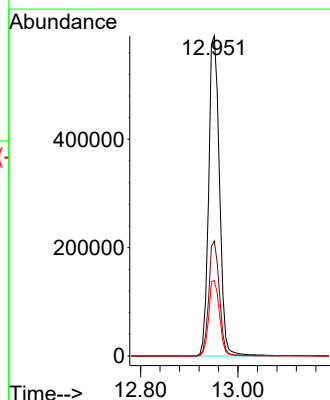
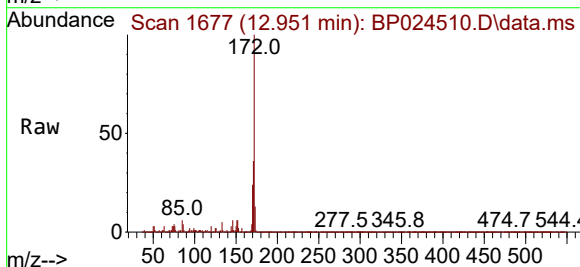
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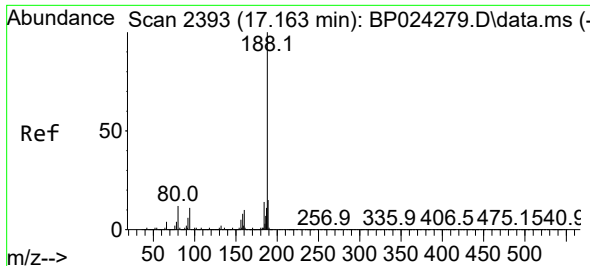
Tgt Ion: 330 Resp: 382049
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 40.051 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion: 172 Resp: 909542
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.5 18.6 27.8

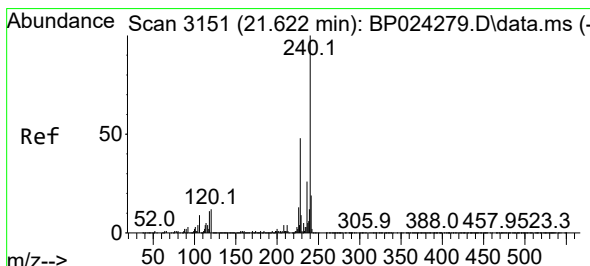
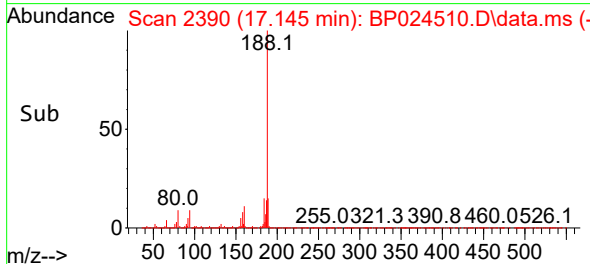
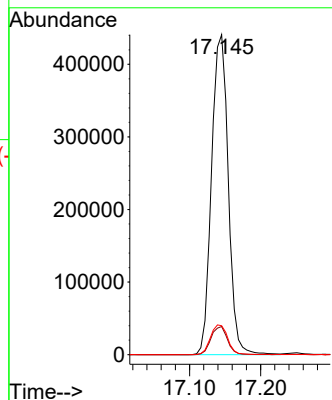
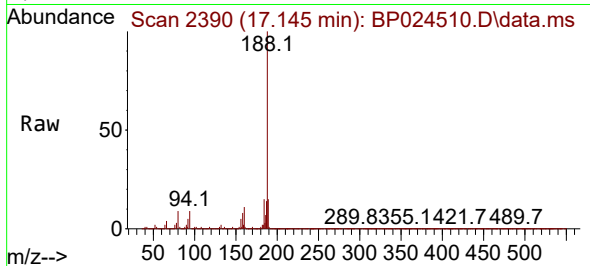




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

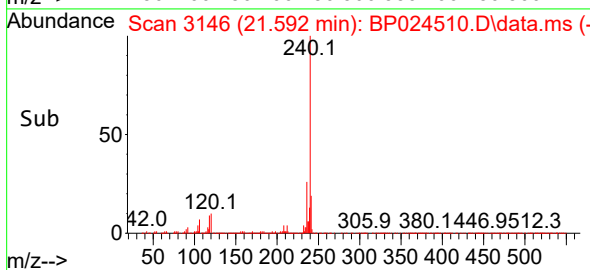
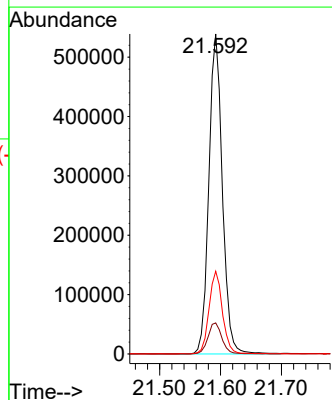
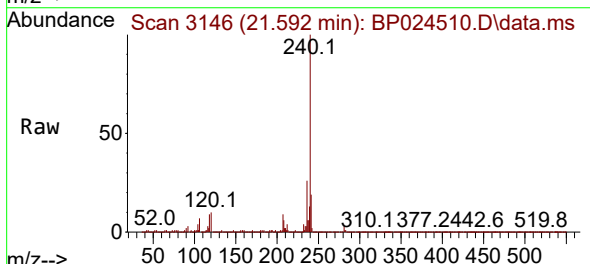
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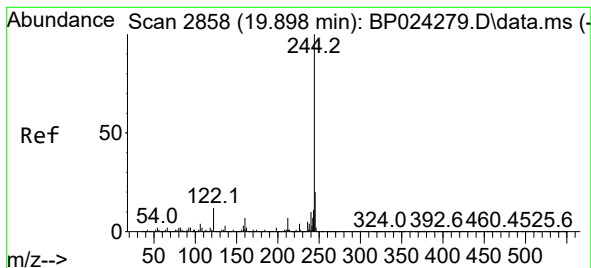
Tgt Ion:188 Resp: 719933
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.1 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:240 Resp: 831552
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 41.344 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024510.D

Acq: 02 May 2025 15:38

Instrument :

BNA_P

ClientSampleId :

MH-JJ

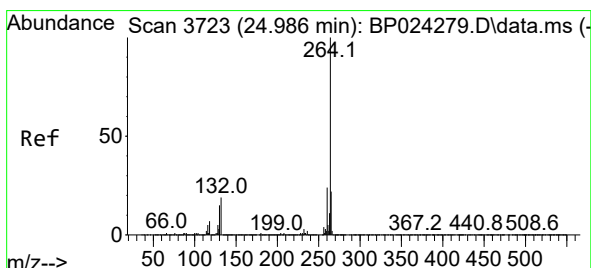
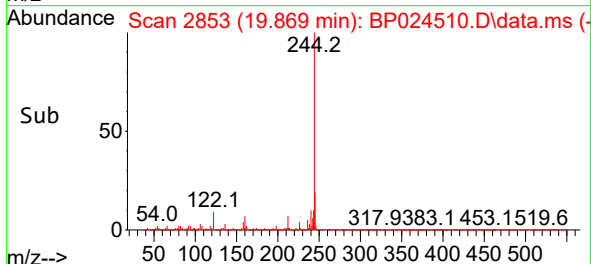
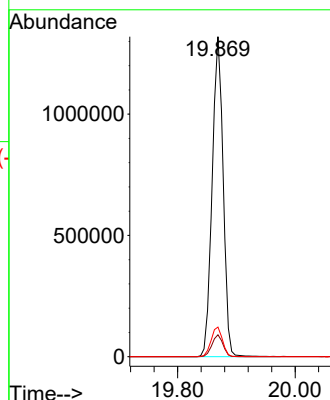
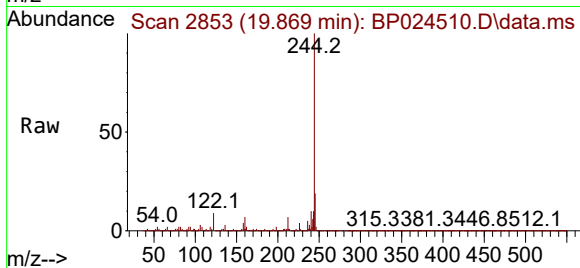
Tgt Ion:244 Resp: 1705642

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024510.D

Acq: 02 May 2025 15:38

Tgt Ion:264 Resp: 952360

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

