

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024239.D
 Acq On : 09 Apr 2025 17:41
 Operator : RC/JU
 Sample : Q1746-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2025-4-7

Quant Time: Apr 09 18:26:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	235704	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	911036	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	559100	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1174144	20.000	ng	-0.03
76) Chrysene-d12	21.616	240	1378627	20.000	ng	-0.04
86) Perylene-d12	24.992	264	1470675	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1007759	68.250	ng	-0.02
7) Phenol-d6	6.922	99	762285	38.605	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1695704	105.016	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1210524	171.887	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	3503535	92.399	ng	-0.02
79) Terphenyl-d14	19.898	244	6947270	104.022	ng	-0.02

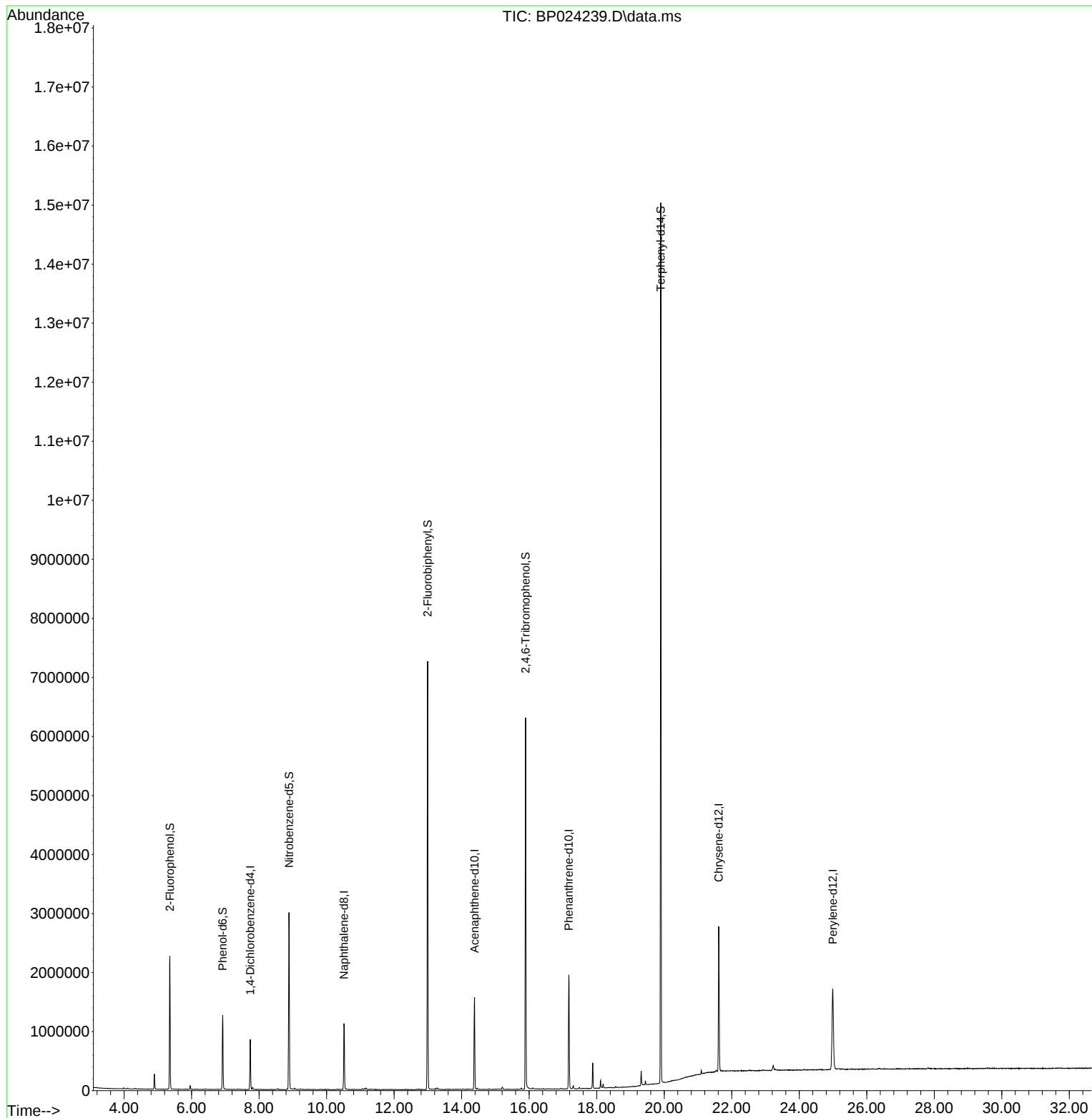
Target Compounds	Qvalue

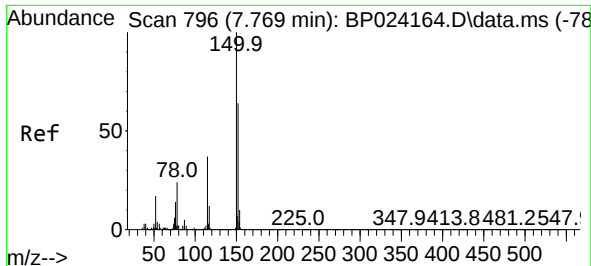
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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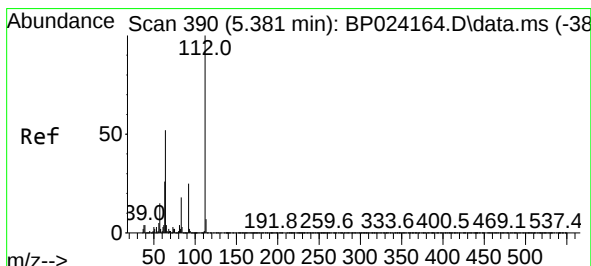
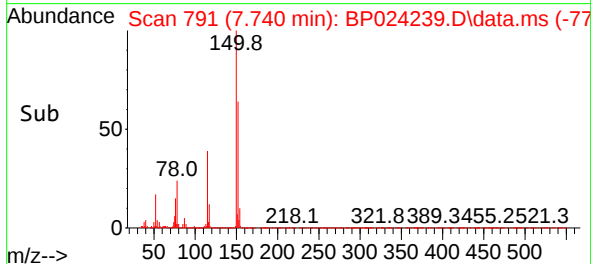
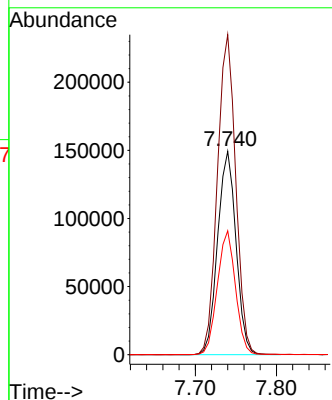
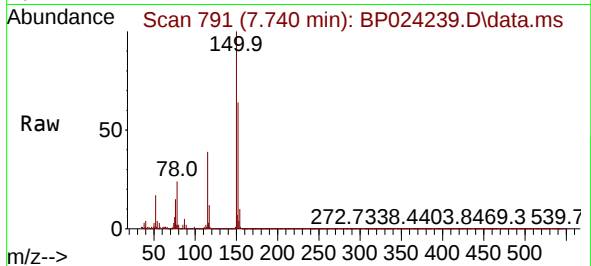




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

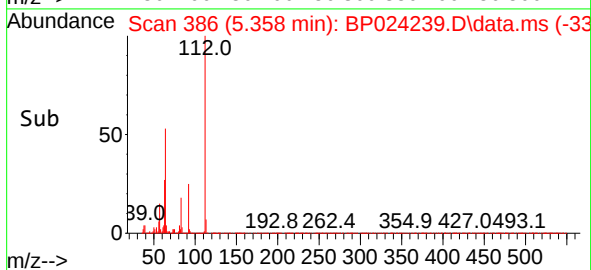
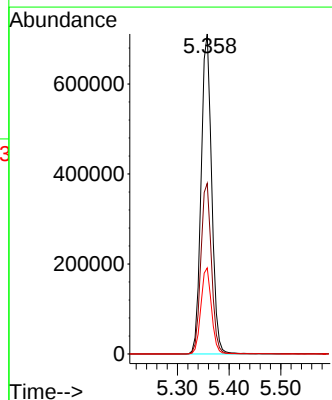
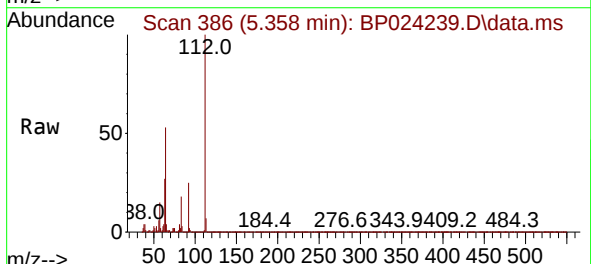
Instrument :
BNA_P
ClientSampleId :
EB-2025-4-7

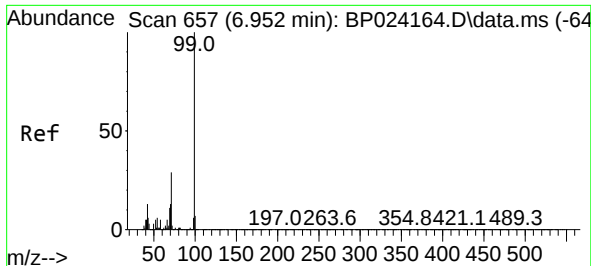
Tgt Ion:152 Resp: 235704
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 60.9 46.3 69.5



#5
2-Fluorophenol
Concen: 68.250 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

Tgt Ion:112 Resp: 1007759
Ion Ratio Lower Upper
112 100
64 53.3 41.3 61.9
63 26.9 20.6 31.0

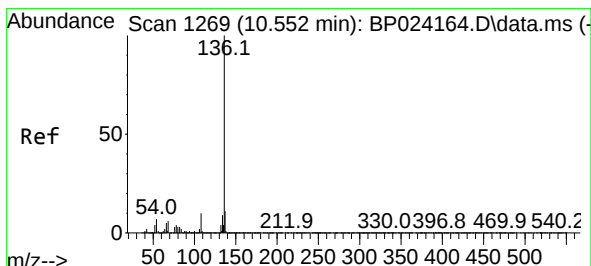
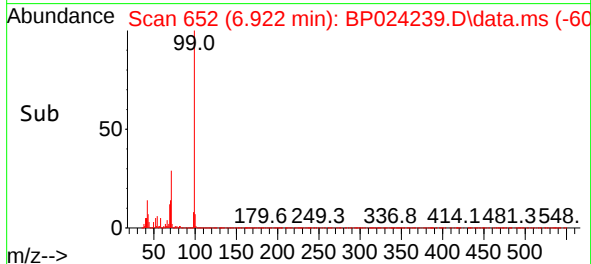
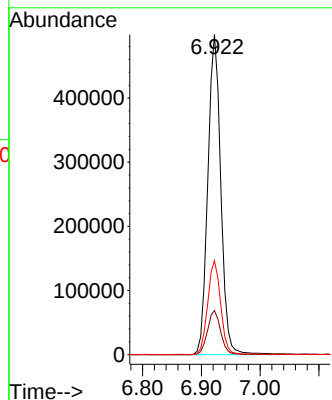
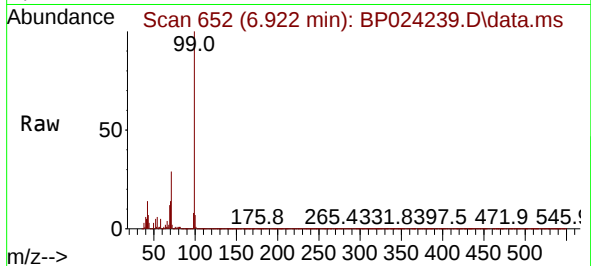




#7
Phenol-d6
Concen: 38.605 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

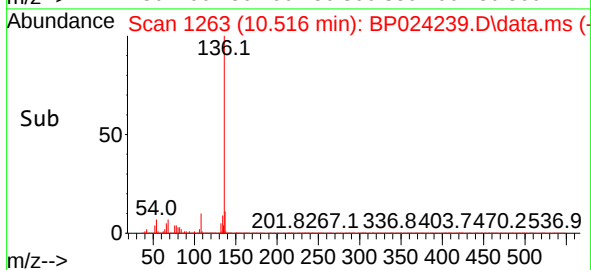
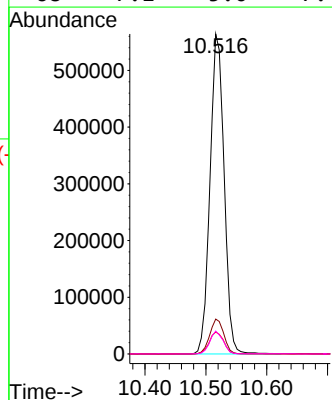
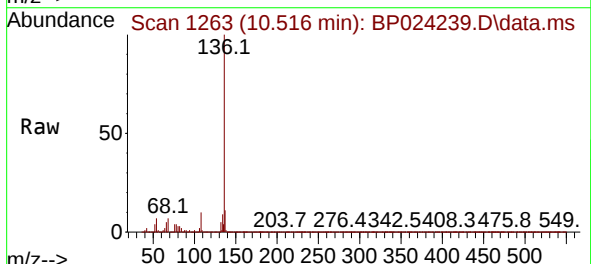
Instrument :
BNA_P
ClientSampleId :
EB-2025-4-7

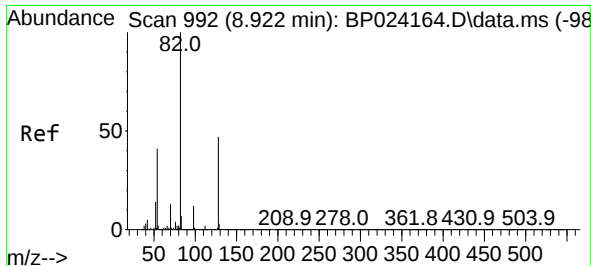
Tgt Ion: 99 Resp: 762285
Ion Ratio Lower Upper
99 100
42 13.8 10.6 16.0
71 29.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

Tgt Ion: 136 Resp: 911036
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.8 5.3 7.9
68 7.1 5.0 7.4

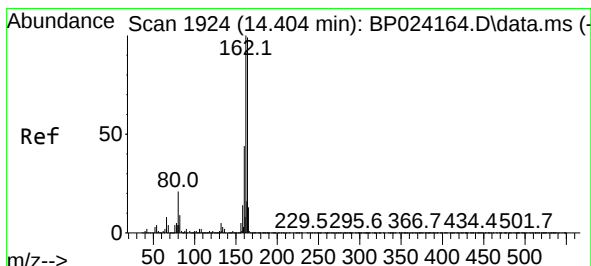
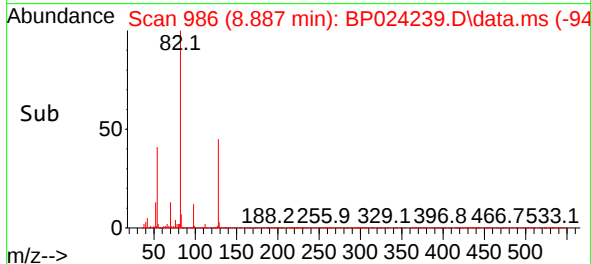
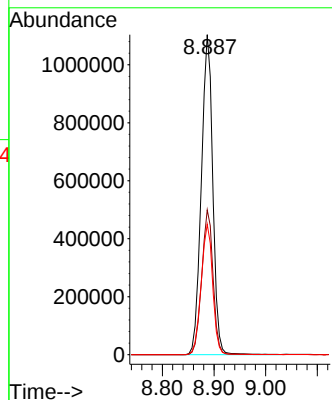
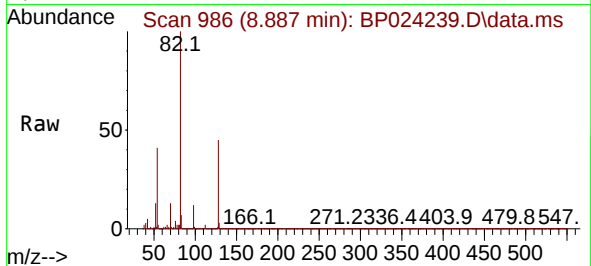




#23
Nitrobenzene-d5
Concen: 105.016 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

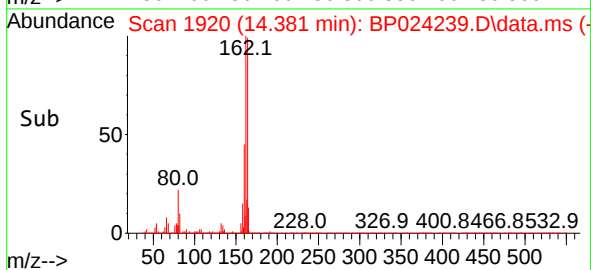
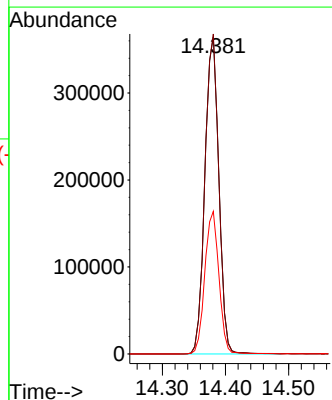
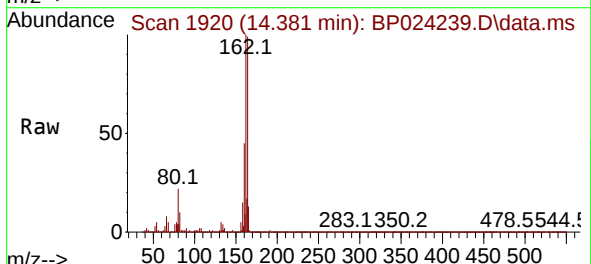
Instrument :
BNA_P
ClientSampleId :
EB-2025-4-7

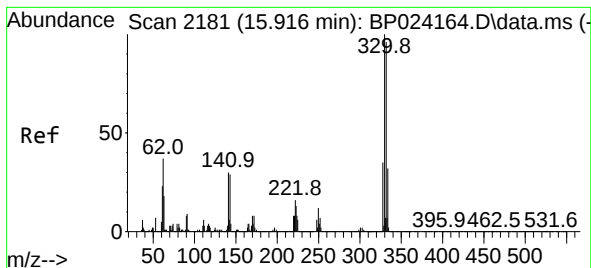
Tgt Ion: 82 Resp: 1695704
Ion Ratio Lower Upper
82 100
128 45.3 37.4 56.0
54 40.8 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

Tgt Ion: 164 Resp: 559100
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.0 35.4 53.2

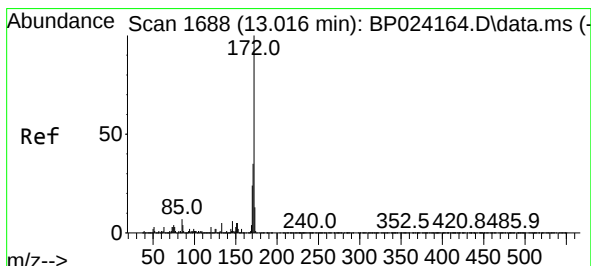
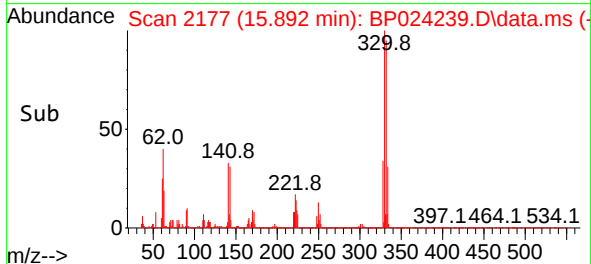
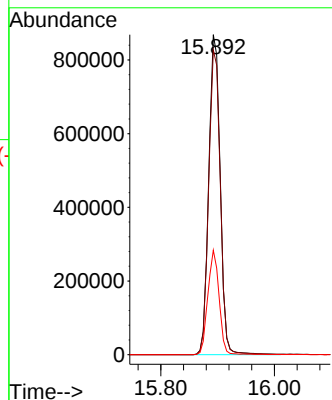
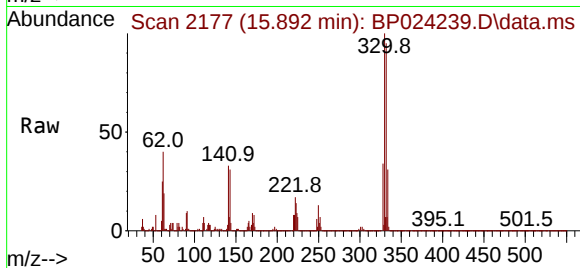




#42
2,4,6-Tribromophenol
Concen: 171.887 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.024 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

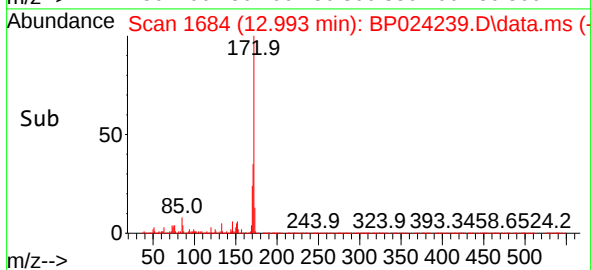
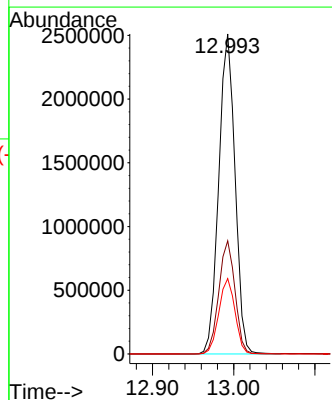
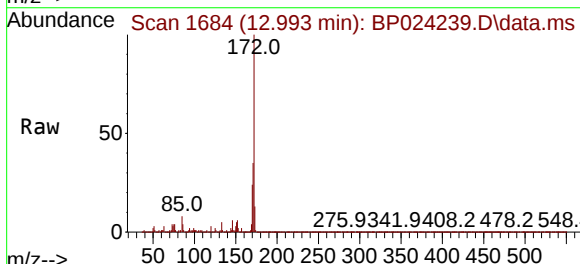
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EB-2025-4-7

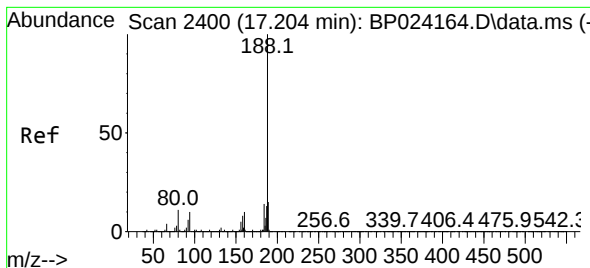
Tgt Ion:330 Resp: 1210524
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 32.2 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 92.399 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024239.D
Acq: 09 Apr 2025 17:41

Tgt Ion:172 Resp: 3503535
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP024239.D

Acq: 09 Apr 2025 17:41

Instrument :

BNA_P

ClientSampleId :

EB-2025-4-7

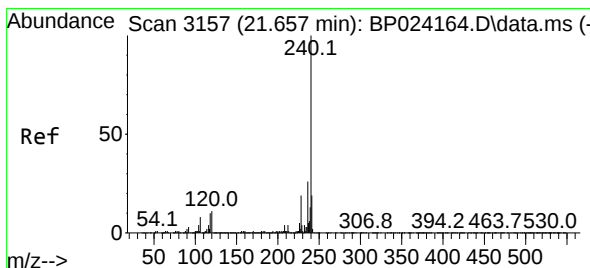
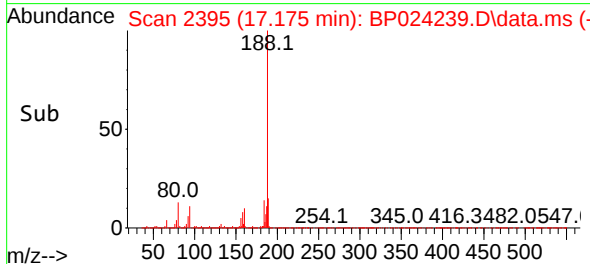
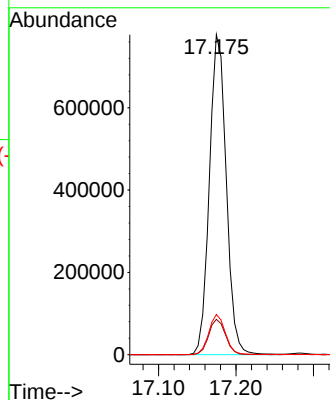
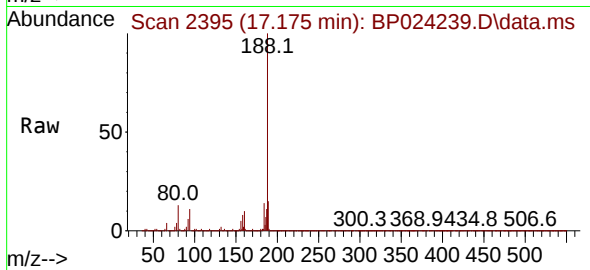
Tgt Ion:188 Resp: 1174144

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

80 12.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.041 min

Lab File: BP024239.D

Acq: 09 Apr 2025 17:41

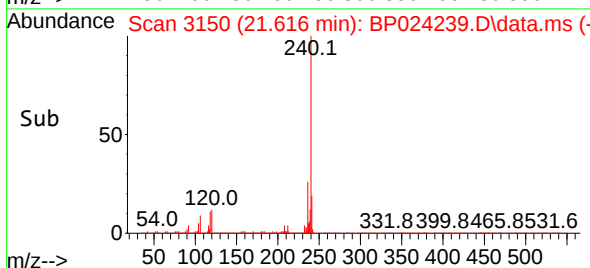
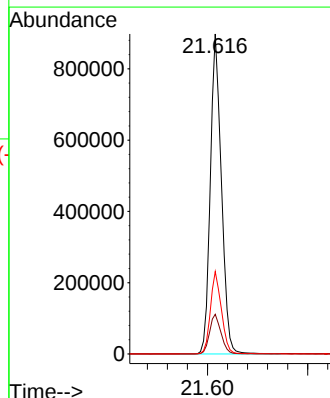
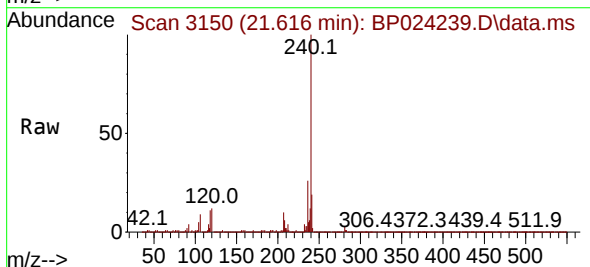
Tgt Ion:240 Resp: 1378627

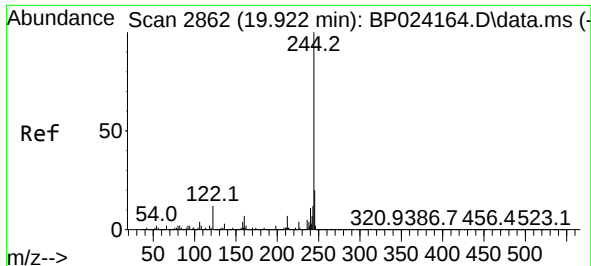
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.8 20.4 30.6

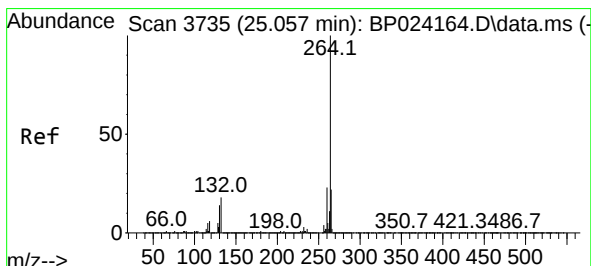
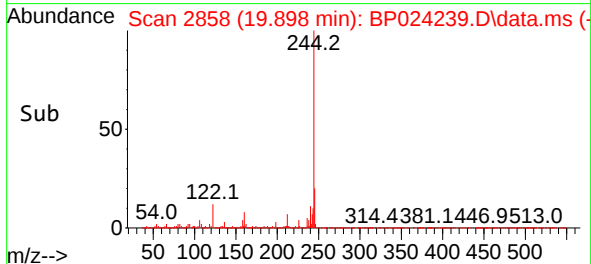
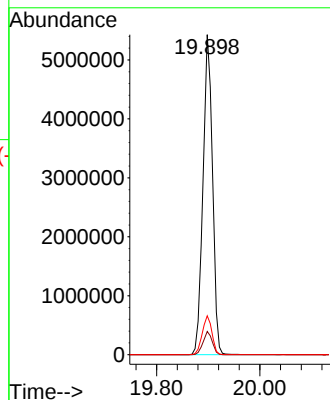
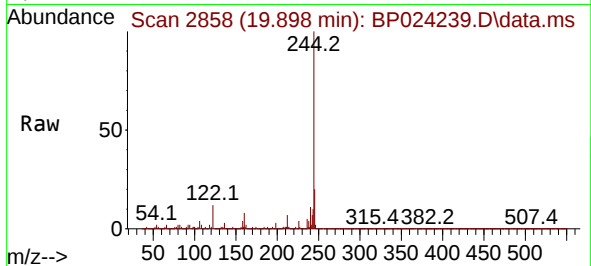




#79
 Terphenyl-d14
 Concen: 104.022 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024239.D
 Acq: 09 Apr 2025 17:41

Instrument :
 BNA_P
 ClientSampleId :
 EB-2025-4-7

Tgt Ion:244 Resp: 6947270
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 3724
 Delta R.T. -0.065 min
 Lab File: BP024239.D
 Acq: 09 Apr 2025 17:41

Tgt Ion:264 Resp: 1470675
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.0 17.7 26.5

