

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024234.D
 Acq On : 09 Apr 2025 14:18
 Operator : RC/JU
 Sample : Q1712-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z-05A

Quant Time: Apr 09 14:43:02 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	223316	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	850534	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	493927	20.000	ng	-0.03
64) Phenanthrene-d10	17.175	188	999008	20.000	ng	-0.03
76) Chrysene-d12	21.627	240	1165156	20.000	ng	-0.03
86) Perylene-d12	25.010	264	1265750	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1868624	133.571	ng	-0.02
7) Phenol-d6	6.922	99	2176667	116.350	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1509760	100.151	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1015003	163.141	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3165350	94.496	ng	-0.03
79) Terphenyl-d14	19.904	244	5515926	97.722	ng	-0.02

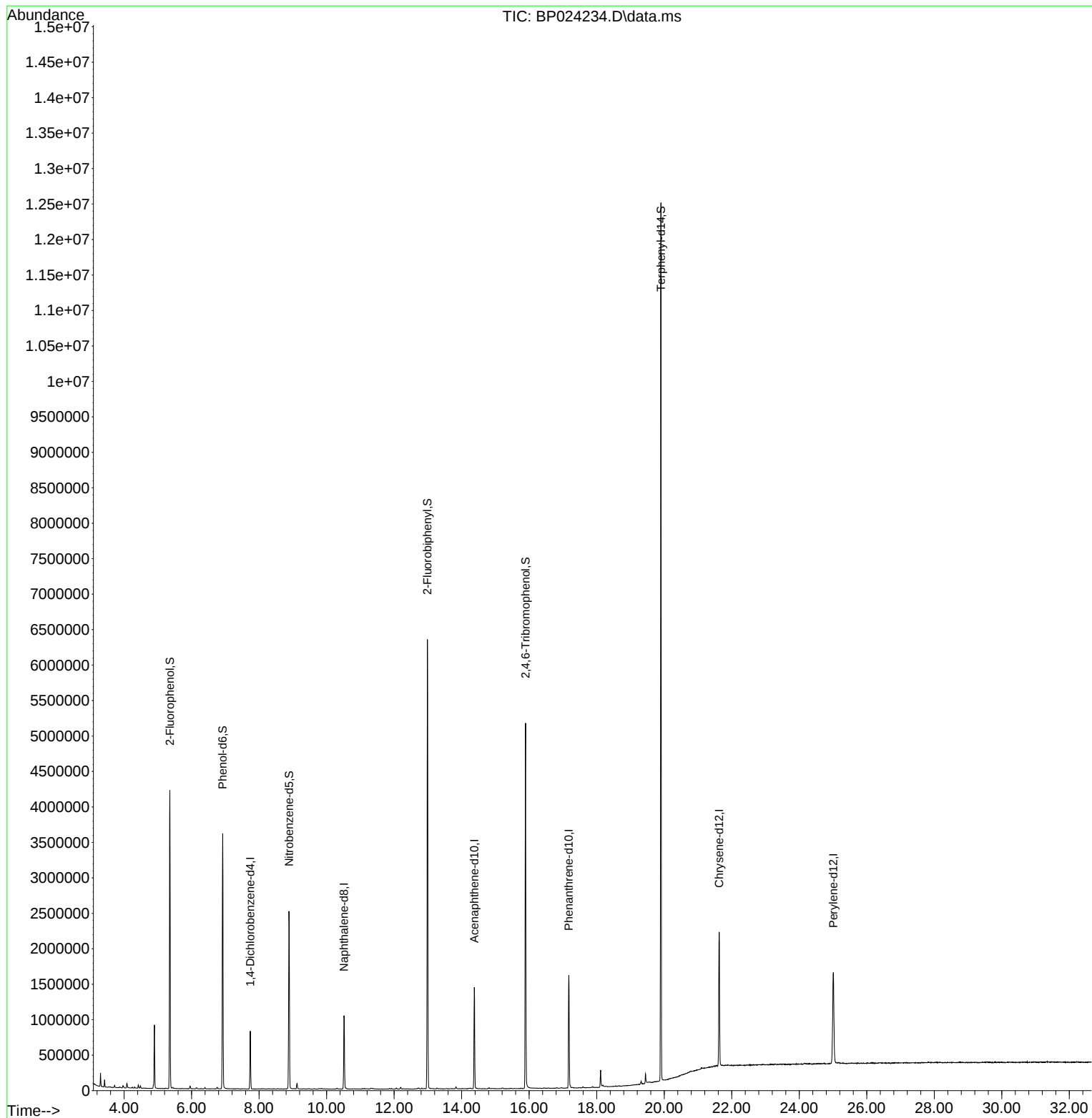
Target Compounds	Qvalue

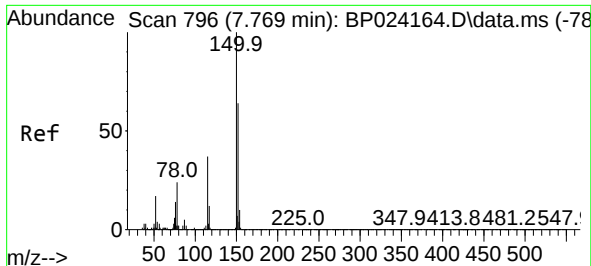
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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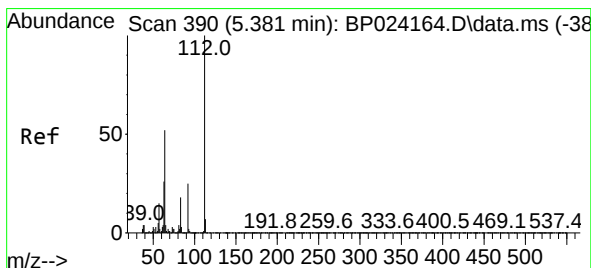
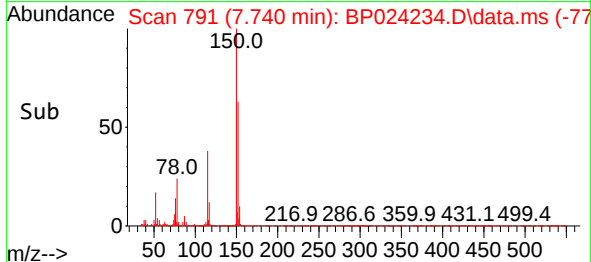
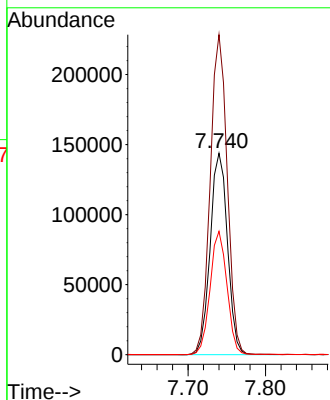
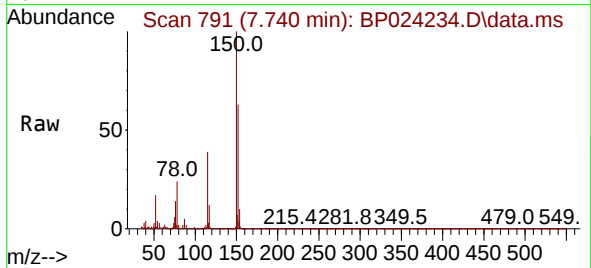




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

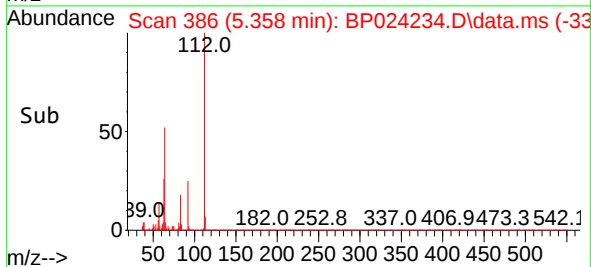
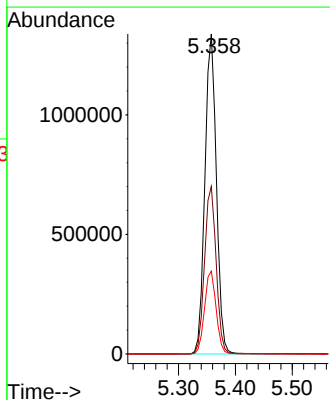
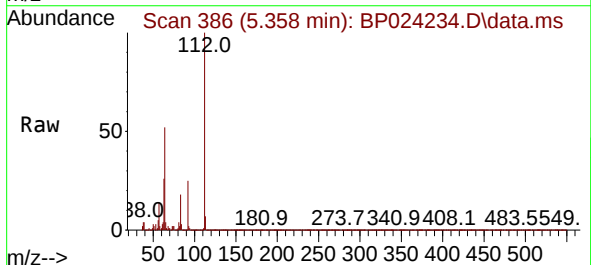
Instrument :
BNA_P
ClientSampleId :
Z-05A

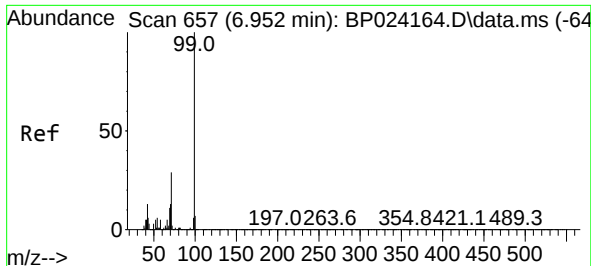
Tgt Ion:152 Resp: 223316
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 133.571 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

Tgt Ion:112 Resp: 1868624
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 25.9 20.6 31.0

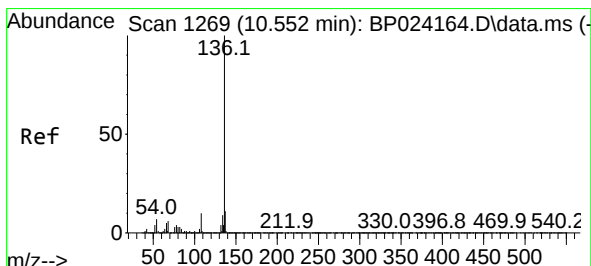
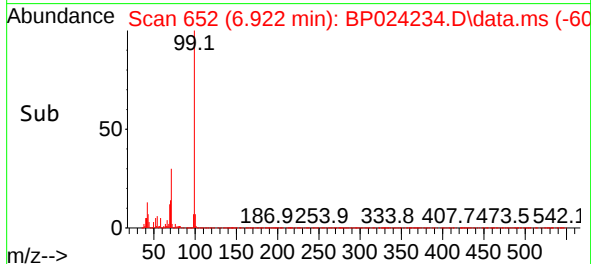
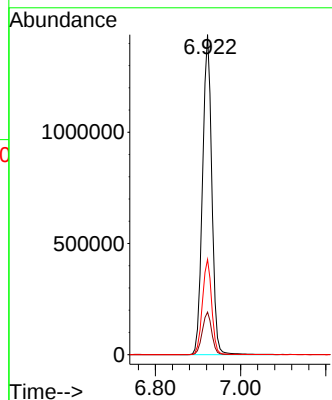
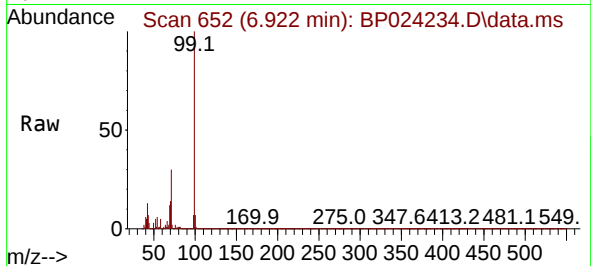




#7
Phenol-d6
Concen: 116.350 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

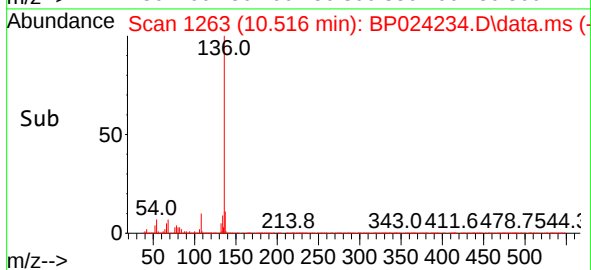
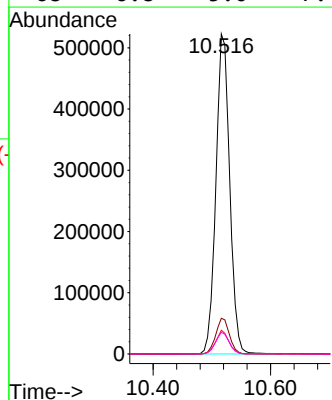
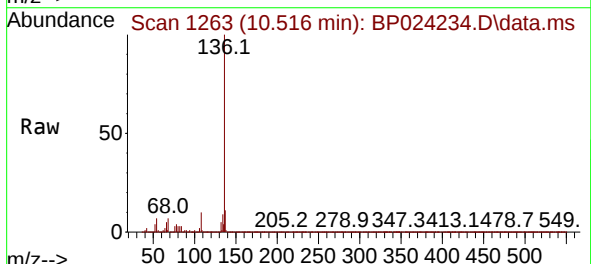
Instrument :
BNA_P
ClientSampleId :
Z-05A

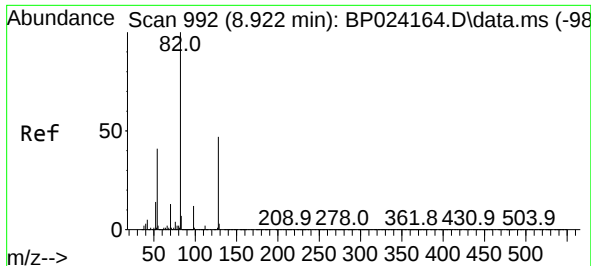
Tgt Ion: 99 Resp: 2176667
Ion Ratio Lower Upper
99 100
42 13.3 10.6 16.0
71 29.7 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

Tgt Ion:136 Resp: 850534
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.4 5.3 7.9
68 6.8 5.0 7.4

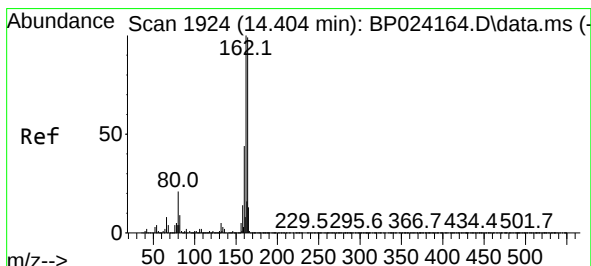
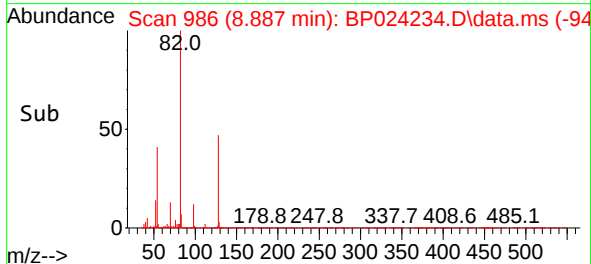
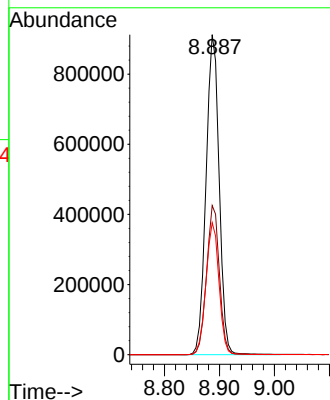
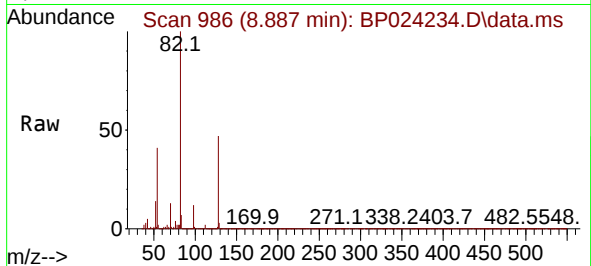




#23
 Nitrobenzene-d5
 Concen: 100.151 ng
 RT: 8.887 min Scan# 91
 Delta R.T. -0.035 min
 Lab File: BP024234.D
 Acq: 09 Apr 2025 14:18

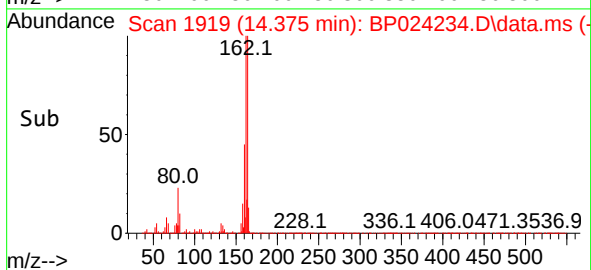
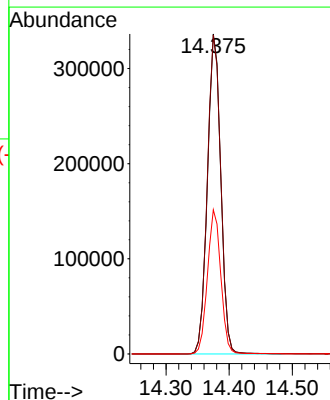
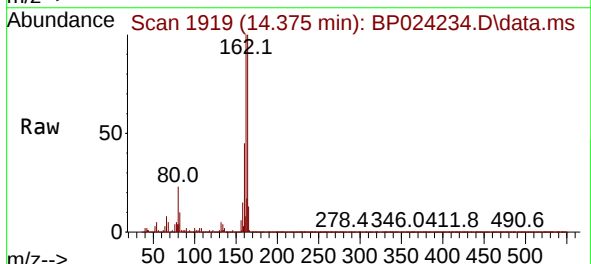
Instrument :
 BNA_P
 ClientSampleId :
 Z-05A

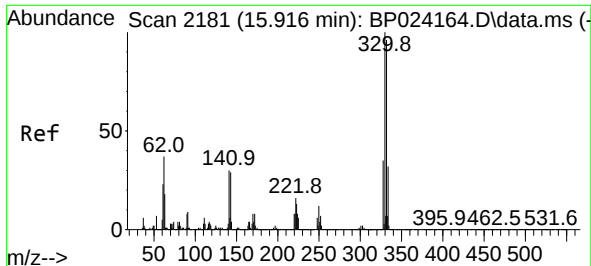
Tgt Ion: 82 Resp: 1509760
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.4 56.0
 54 41.3 32.5 48.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.375 min Scan# 1919
 Delta R.T. -0.030 min
 Lab File: BP024234.D
 Acq: 09 Apr 2025 14:18

Tgt Ion:164 Resp: 493927
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 121.0
 160 45.1 35.4 53.2

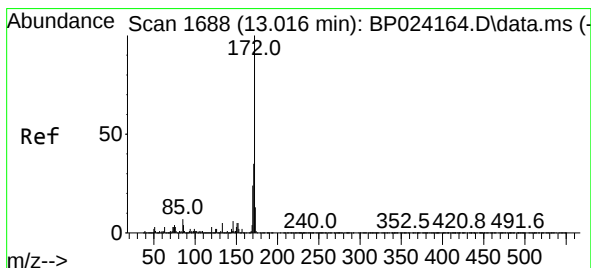
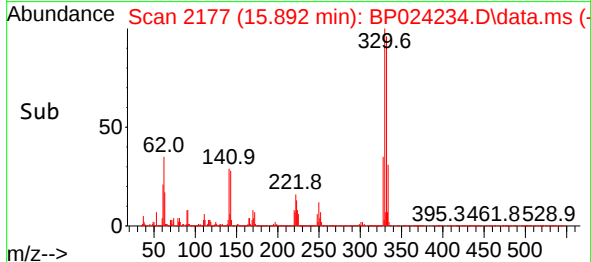
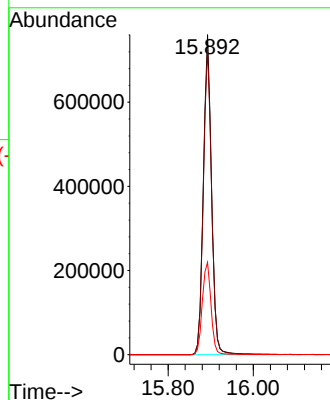
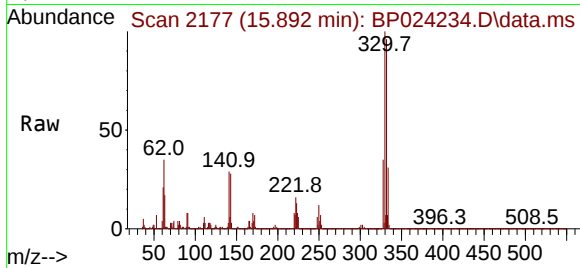




#42
2,4,6-Tribromophenol
Concen: 163.141 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.024 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

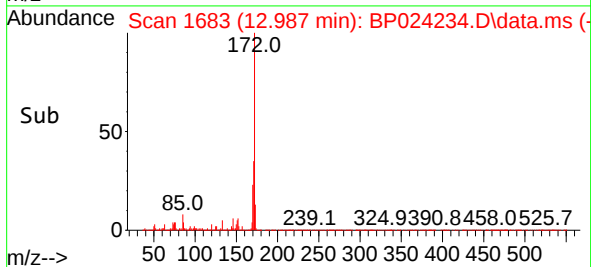
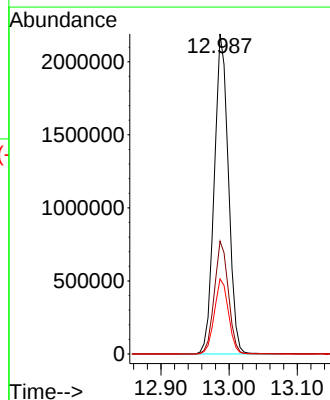
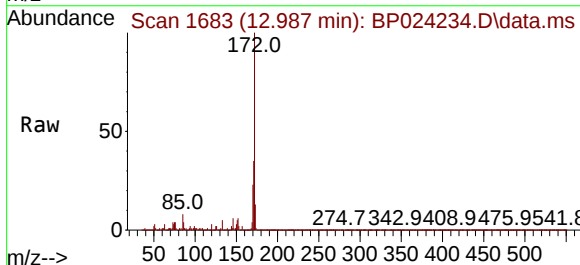
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Z-05A

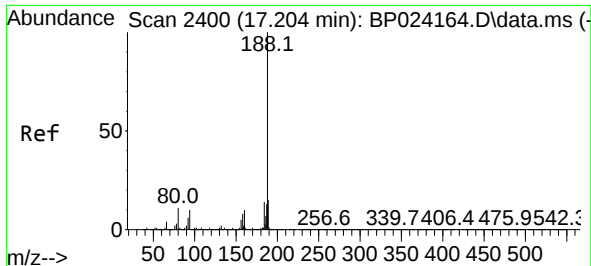
Tgt Ion: 330 Resp: 1015003
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 30.9 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 94.496 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

Tgt Ion: 172 Resp: 3165350
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4

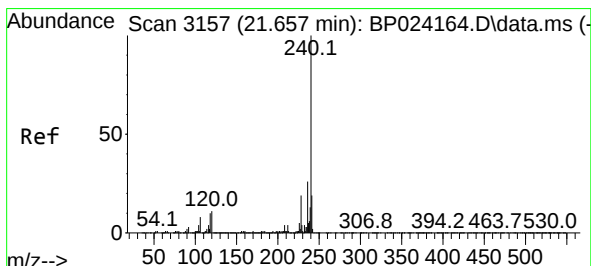
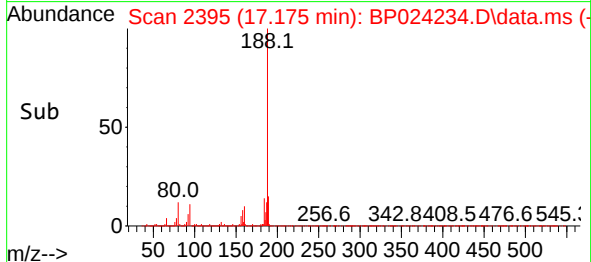
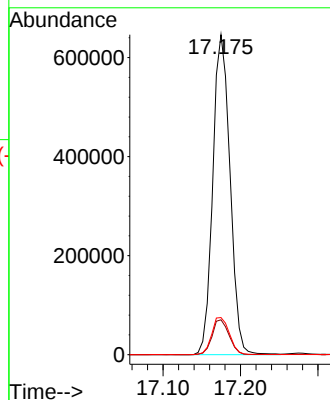
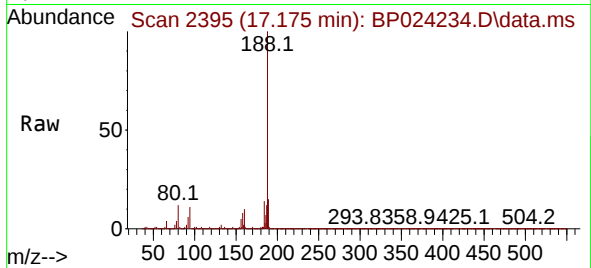




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

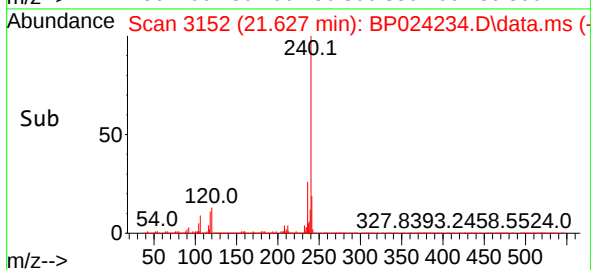
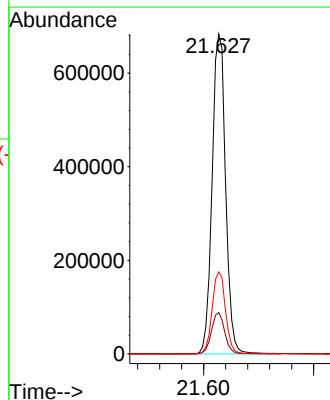
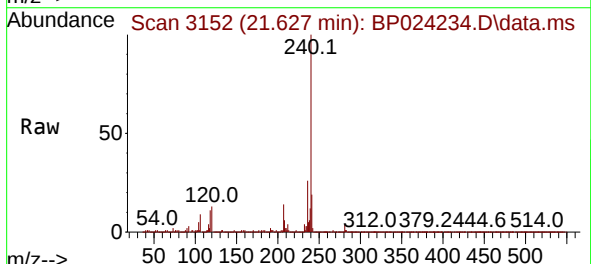
Instrument :
BNA_P
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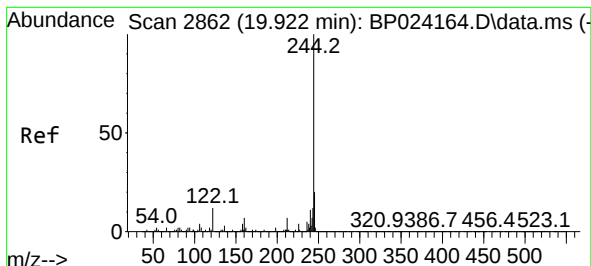
Tgt Ion:188 Resp: 999008
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 11.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.030 min
Lab File: BP024234.D
Acq: 09 Apr 2025 14:18

Tgt Ion:240 Resp: 1165156
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 97.722 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Instrument :

BNA_P

ClientSampleId :

Z-05A

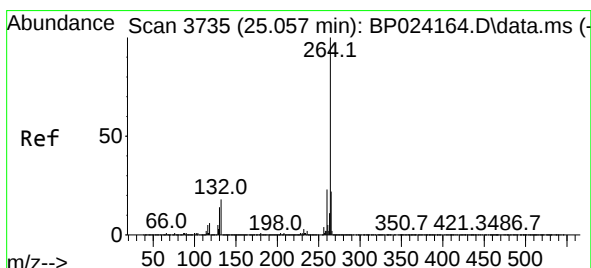
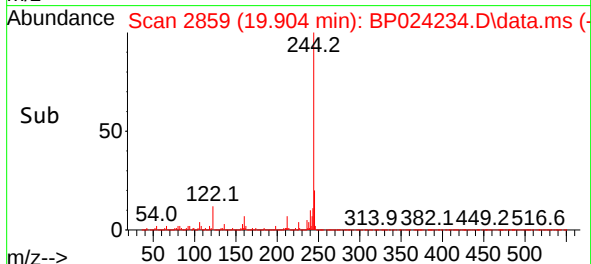
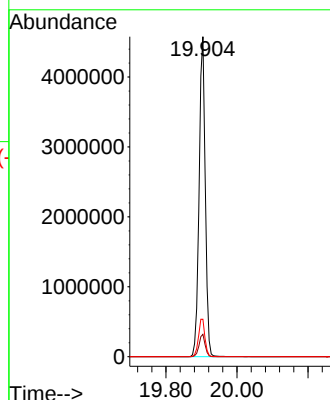
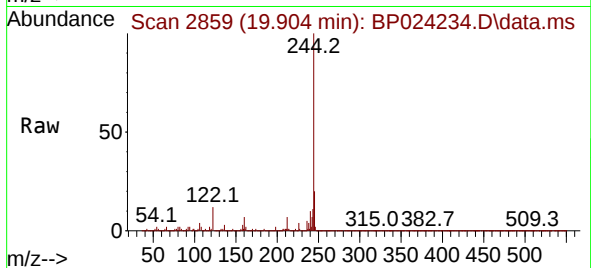
Tgt Ion:244 Resp: 5515926

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3727

Delta R.T. -0.047 min

Lab File: BP024234.D

Acq: 09 Apr 2025 14:18

Tgt Ion:264 Resp: 1265750

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.9 17.7 26.5

