

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024396.D
 Acq On : 23 Apr 2025 14:52
 Operator : RC/JU
 Sample : Q1842-30
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-12

Quant Time: Apr 23 15:18:33 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	7.722	152	205113	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	787751	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	456816	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	961972	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1182452	20.000	ng	-0.02
86) Perylene-d12	24.921	264	832657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1633204	131.656	ng	0.00
7) Phenol-d6	6.910	99	1951841	114.908	ng	0.00
23) Nitrobenzene-d5	8.869	82	1270916	91.995	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	992418	157.021	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2707735	90.755	ng	0.00
79) Terphenyl-d14	19.863	244	5390711	91.891	ng	-0.01

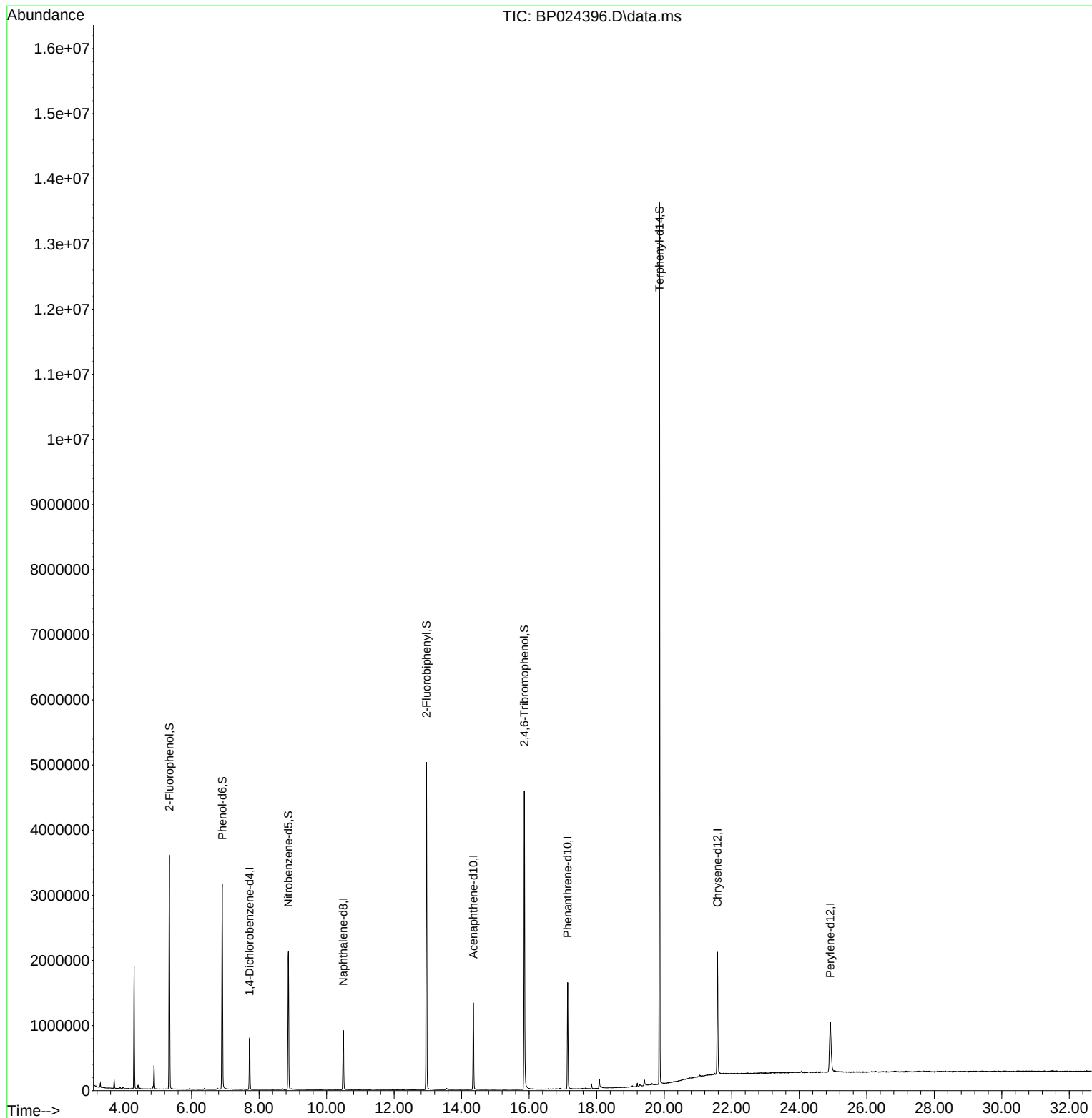
Target Compounds	Qvalue

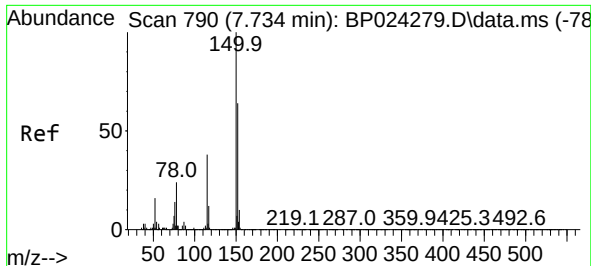
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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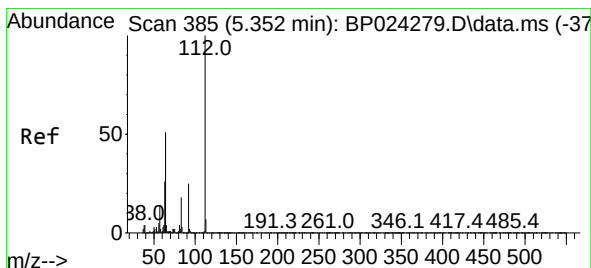
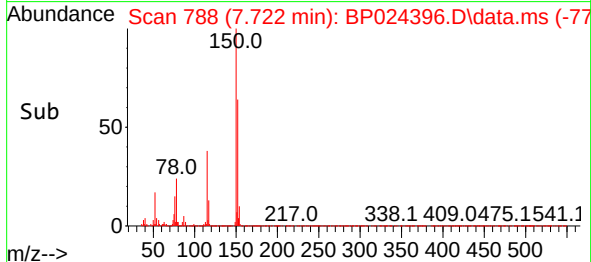
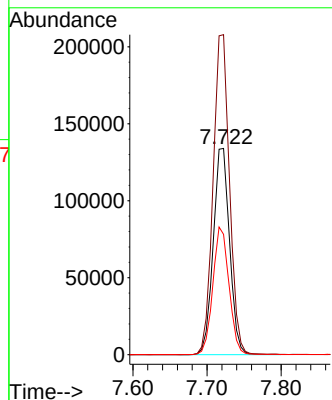
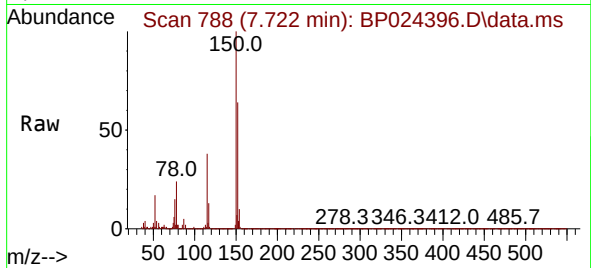




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

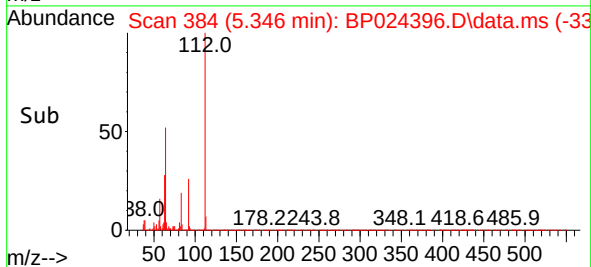
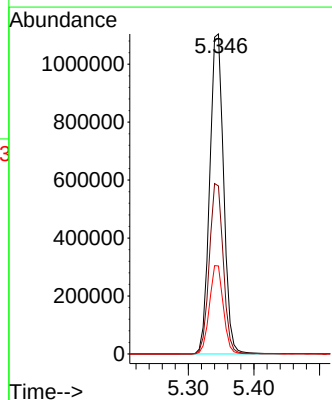
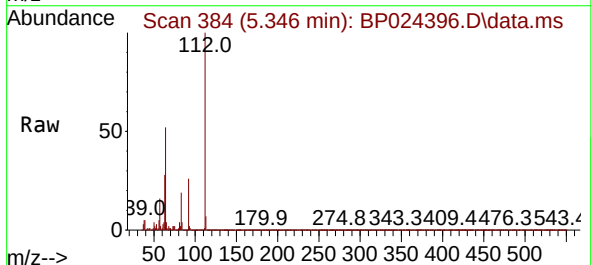
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

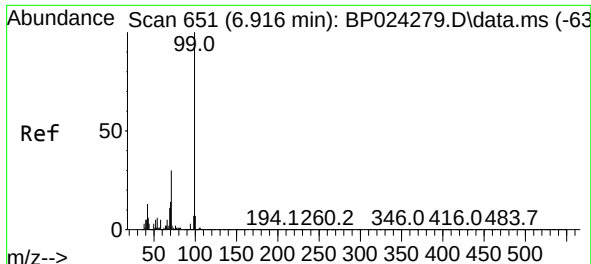
Tgt Ion:152 Resp: 205113
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 58.4 47.7 71.5



#5
2-Fluorophenol
Concen: 131.656 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

Tgt Ion:112 Resp: 1633204
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 27.5 20.6 30.8

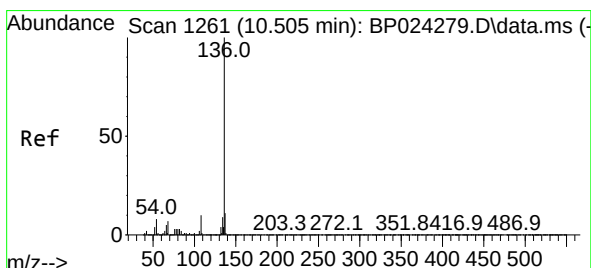
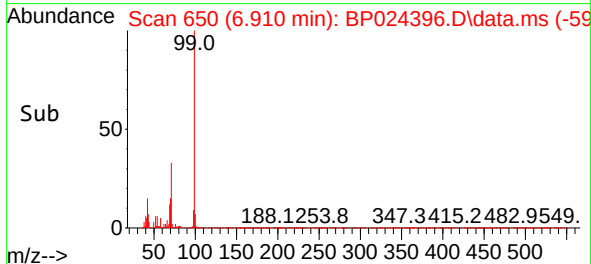
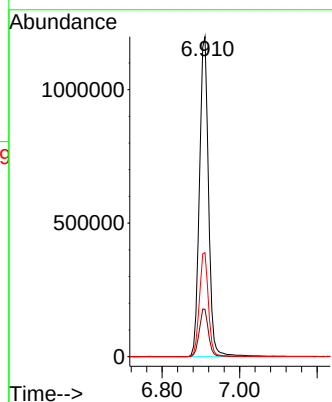
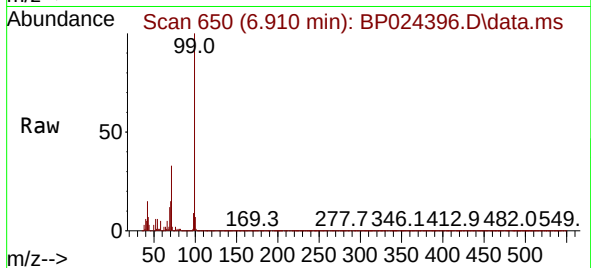




#7
Phenol-d6
Concen: 114.908 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

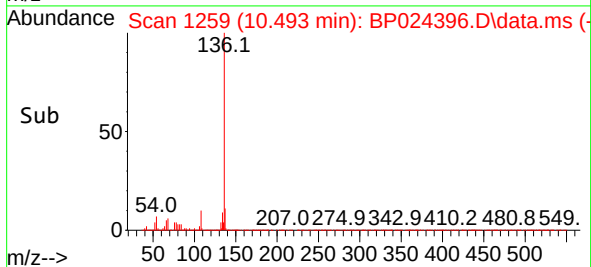
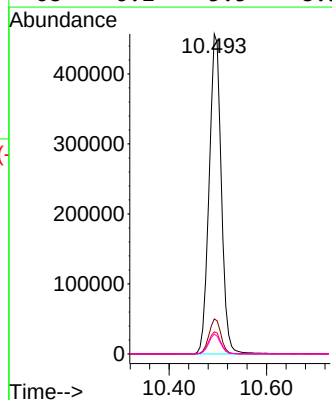
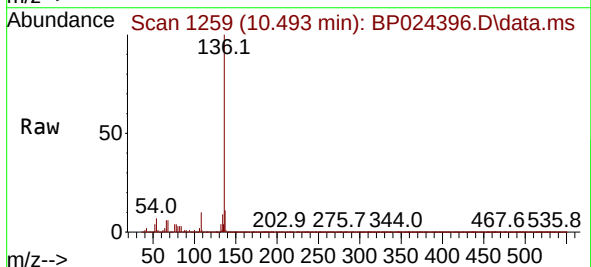
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

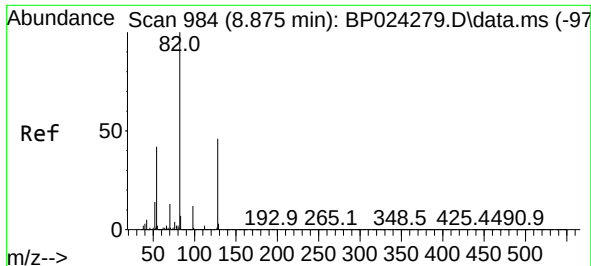
Tgt Ion: 99 Resp: 1951841
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

Tgt Ion: 136 Resp: 787751
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.9 6.0 9.0
68 6.2 5.5 8.3

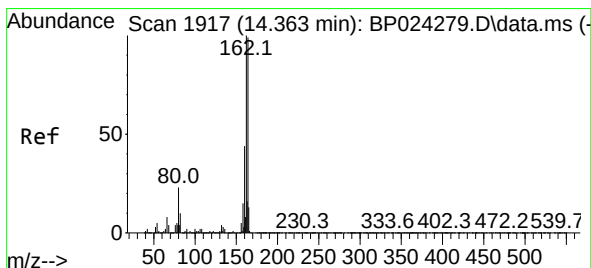
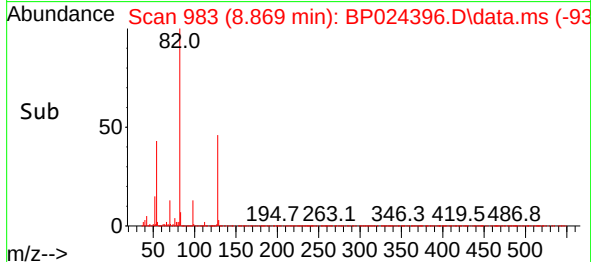
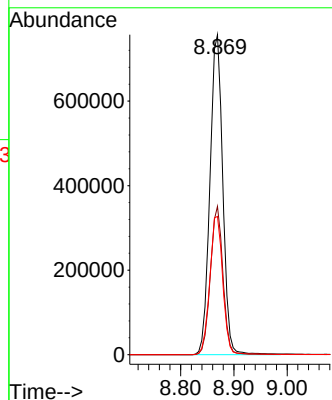
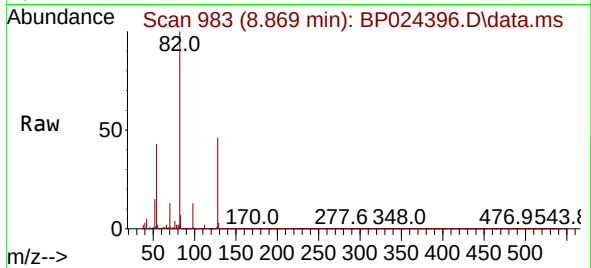




#23
Nitrobenzene-d5
Concen: 91.995 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

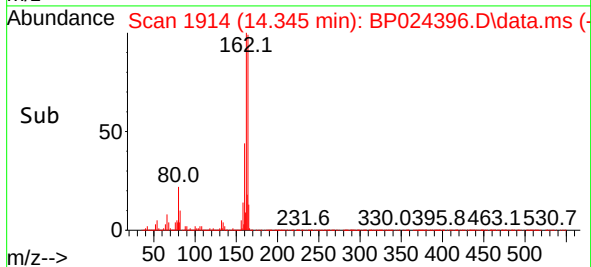
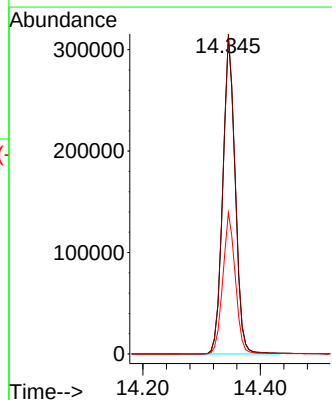
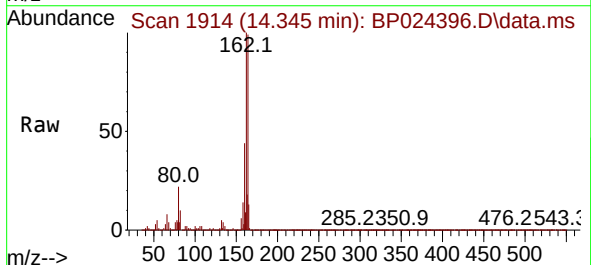
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

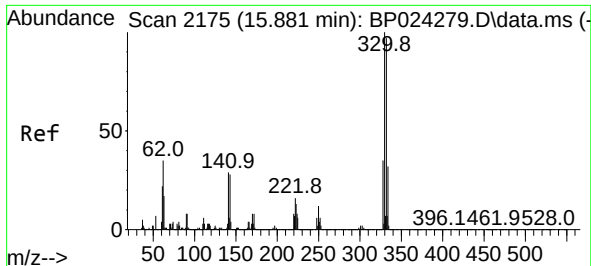
Tgt Ion: 82 Resp: 1270916
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 43.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

Tgt Ion:164 Resp: 456816
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.6 35.3 52.9

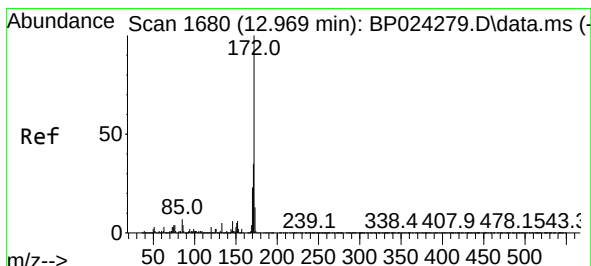
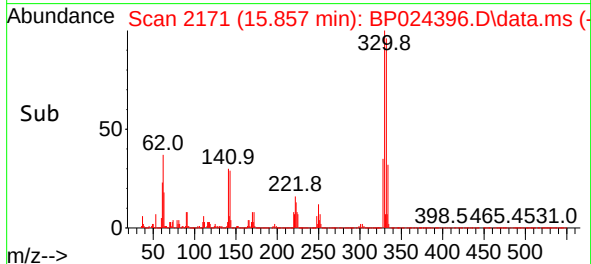
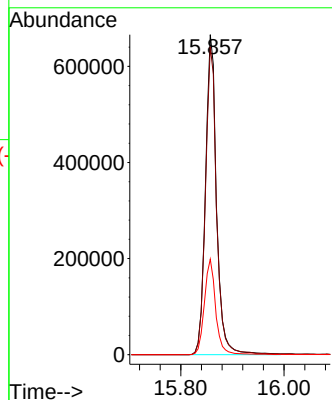
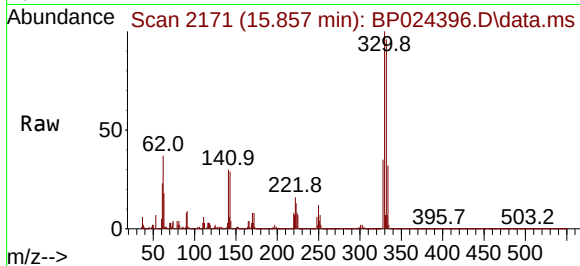




#42
2,4,6-Tribromophenol
Concen: 157.021 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

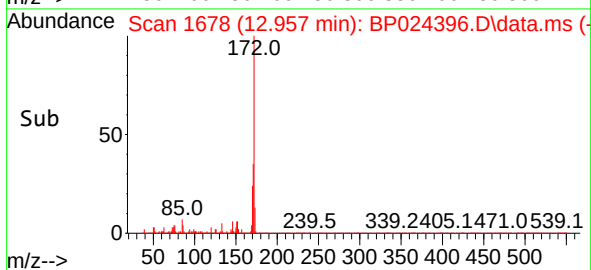
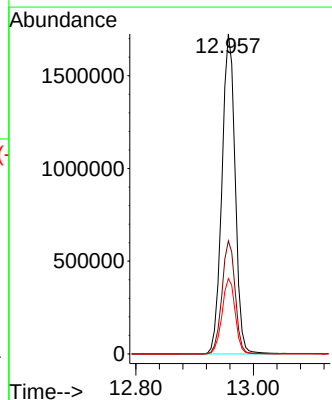
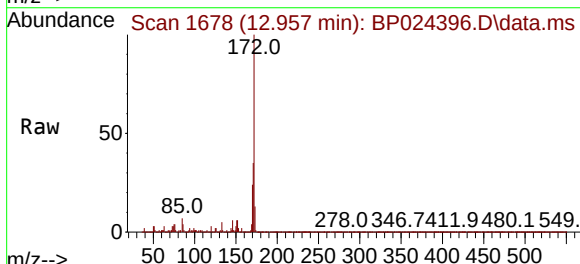
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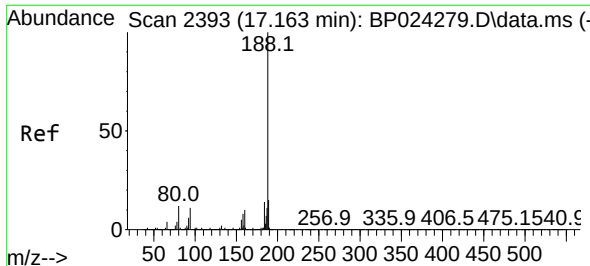
Tgt Ion:330 Resp: 992418
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 30.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.755 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

Tgt Ion:172 Resp: 2707735
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.6 27.8

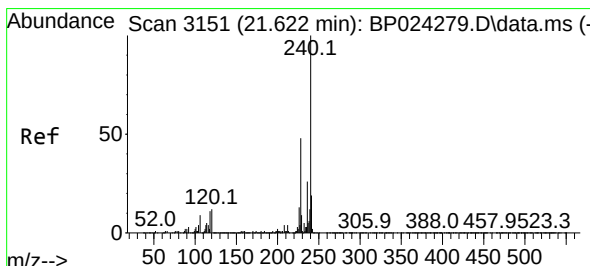
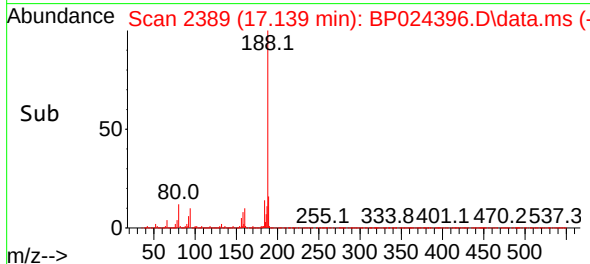
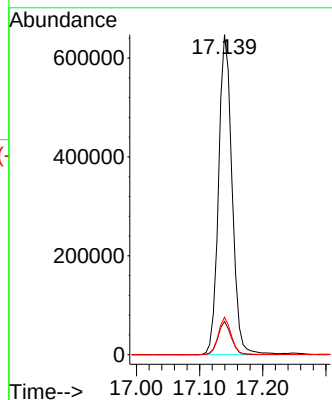
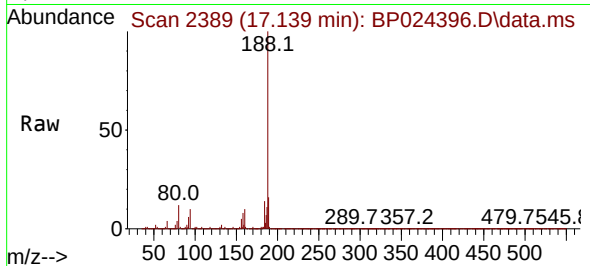




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

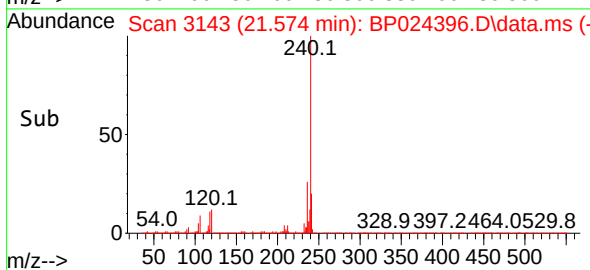
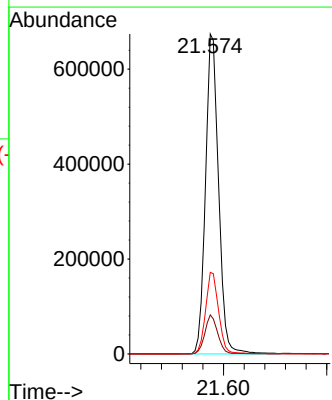
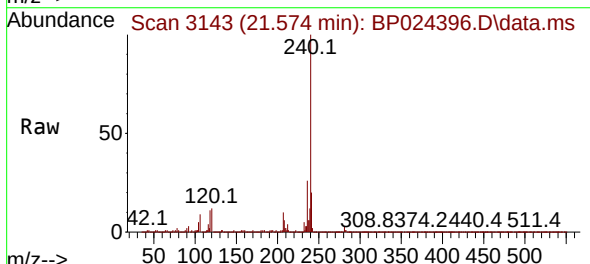
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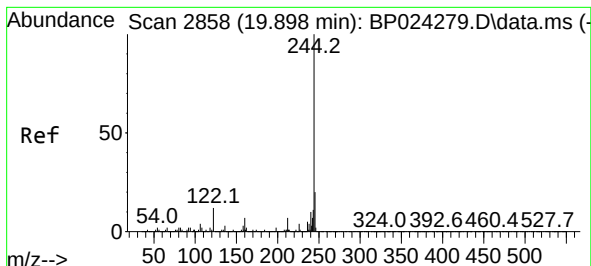
Tgt Ion:188 Resp: 961972
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.7 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024396.D
Acq: 23 Apr 2025 14:52

Tgt Ion:240 Resp: 1182452
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.8
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 91.891 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024396.D

Acq: 23 Apr 2025 14:52

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-12

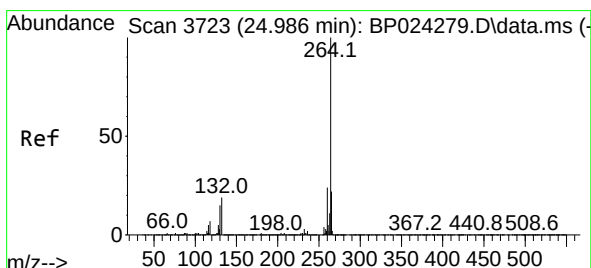
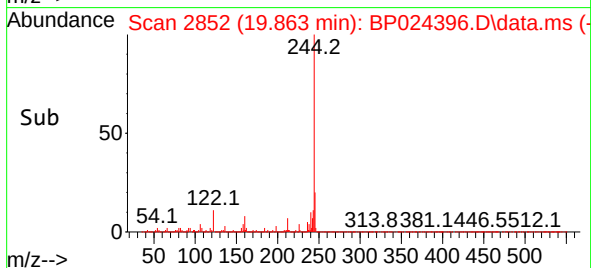
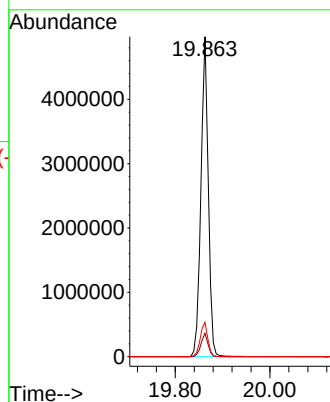
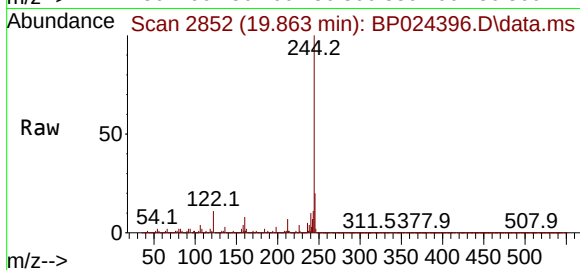
Tgt Ion:244 Resp: 5390711

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024396.D

Acq: 23 Apr 2025 14:52

Tgt Ion:264 Resp: 832657

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.7 17.8 26.6

