

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024418.D
 Acq On : 25 Apr 2025 11:41
 Operator : RC/JU
 Sample : PB167726BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167726BL

Quant Time: Apr 25 12:08:09 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	7.716	152	195293	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	752368	20.000	ng	-0.01
39) Acenaphthene-d10	14.346	164	451527	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	897457	20.000	ng	0.00
76) Chrysene-d12	21.586	240	948844	20.000	ng	0.00
86) Perylene-d12	24.921	264	1050562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1729816	146.455	ng	0.00
7) Phenol-d6	6.905	99	2087730	129.089	ng	0.00
23) Nitrobenzene-d5	8.863	82	1285885	97.456	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1034860	165.654	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2990311	101.400	ng	-0.01
79) Terphenyl-d14	19.869	244	4861854	103.281	ng	0.00

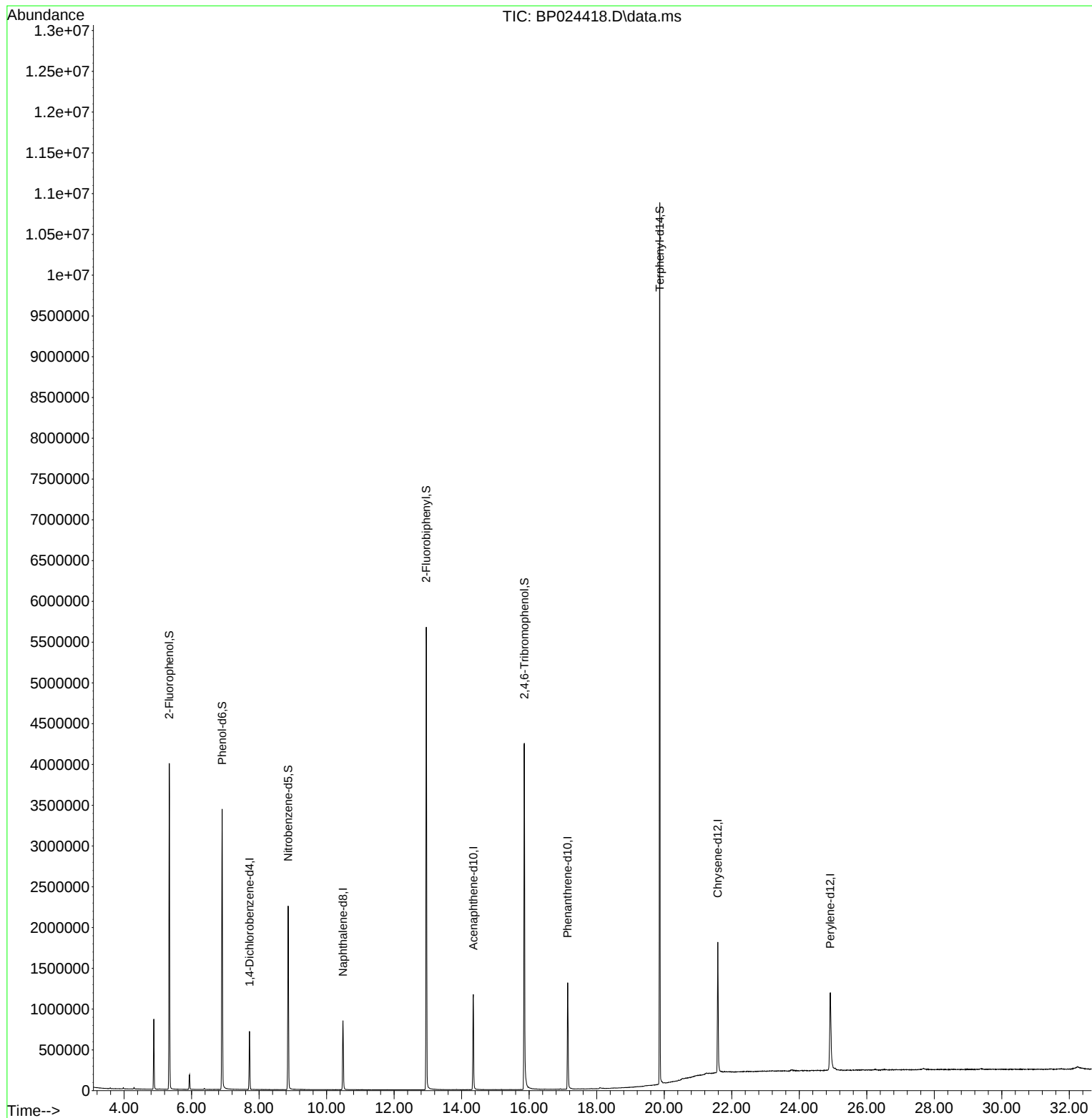
Target Compounds	Qvalue

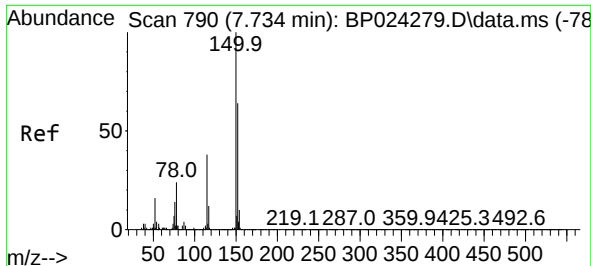
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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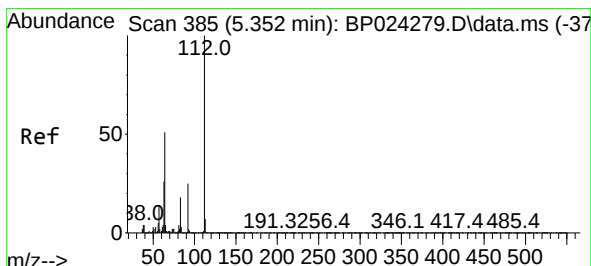
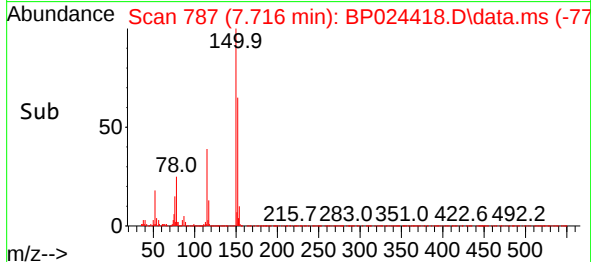
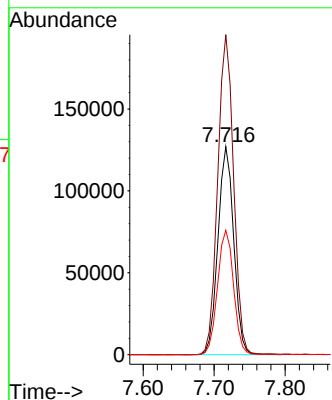
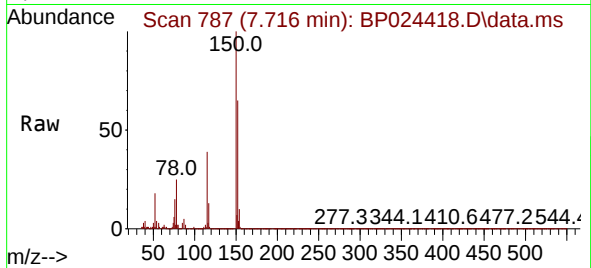




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

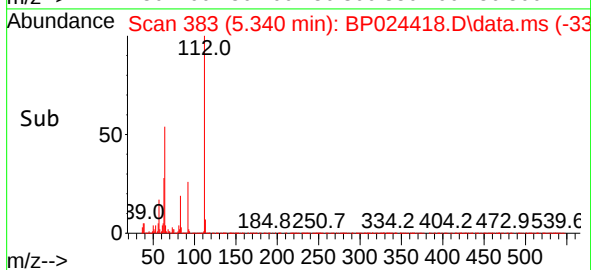
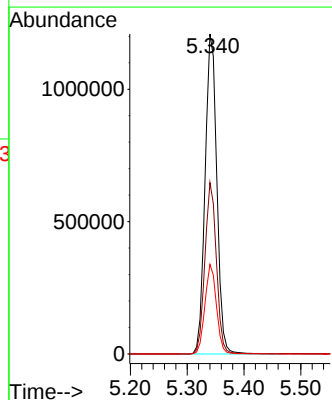
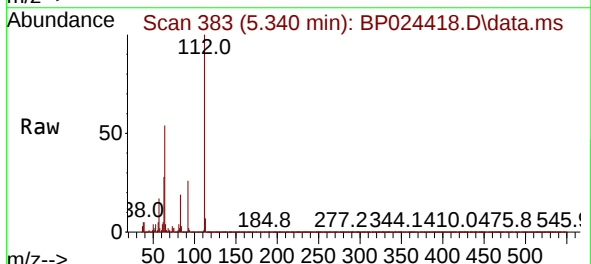
Instrument :
BNA_P
ClientSampleId :
PB167726BL

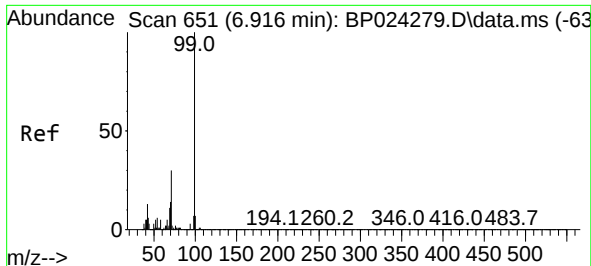
Tgt Ion:152 Resp: 195293
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 59.8 47.7 71.5



#5
2-Fluorophenol
Concen: 146.455 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

Tgt Ion:112 Resp: 1729816
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 28.0 20.6 30.8

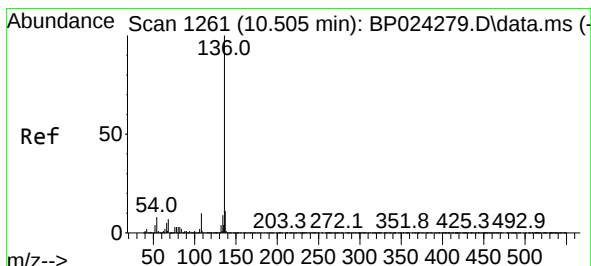
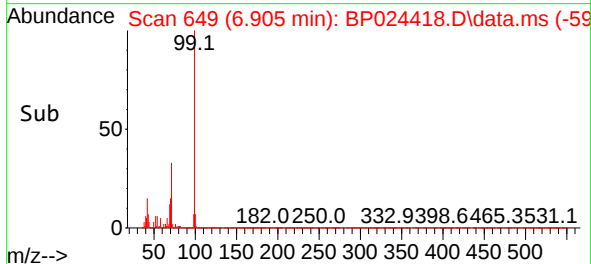
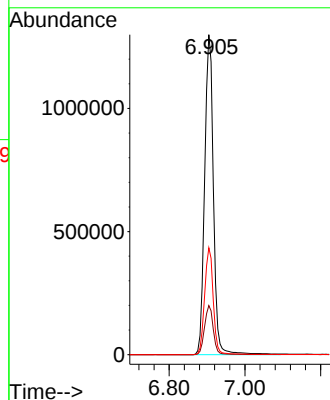
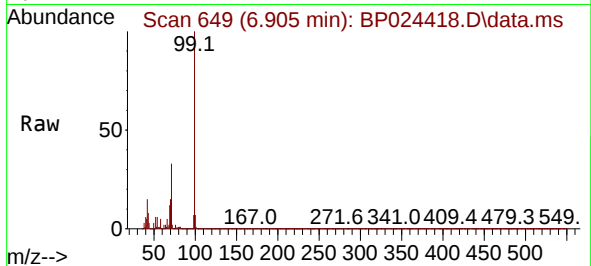




#7
Phenol-d6
Concen: 129.089 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

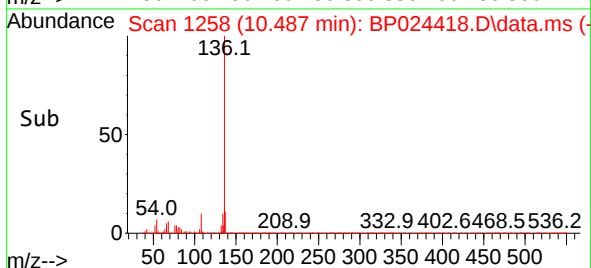
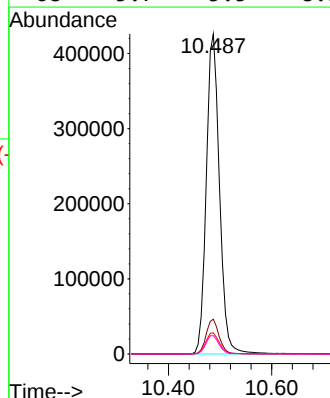
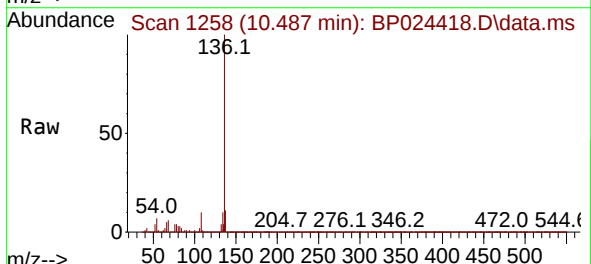
Instrument :
BNA_P
ClientSampleId :
PB167726BL

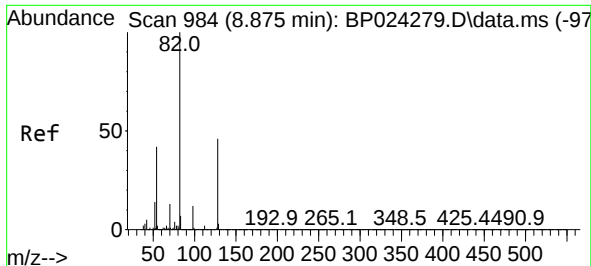
Tgt Ion: 99 Resp: 2087730
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 33.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

Tgt Ion:136 Resp: 752368
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 6.0 9.0
68 5.7 5.5 8.3

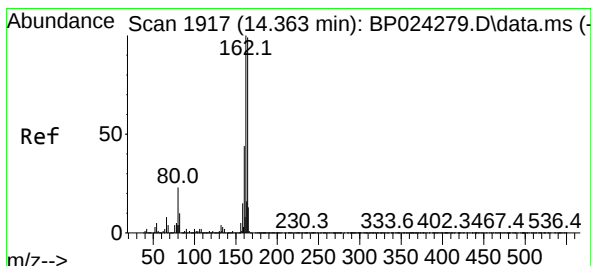
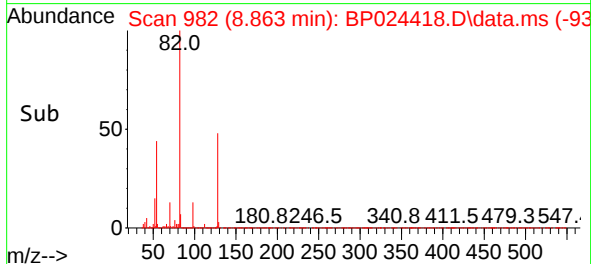
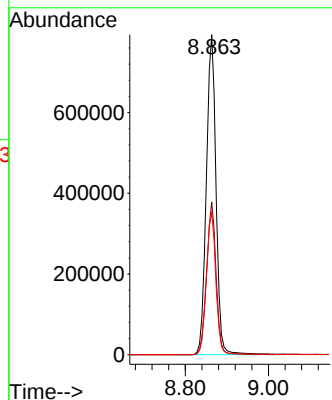
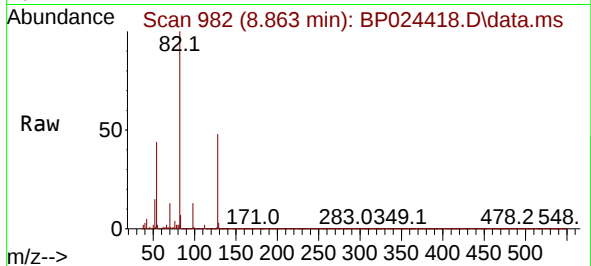




#23
Nitrobenzene-d5
Concen: 97.456 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

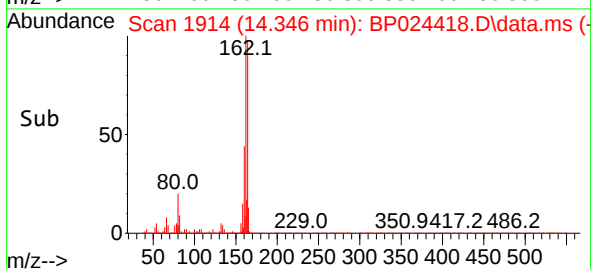
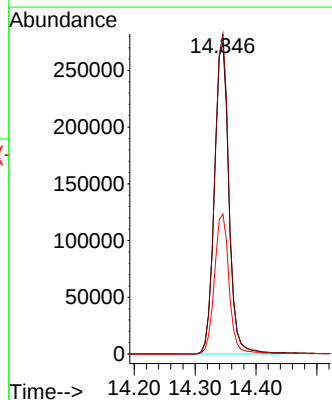
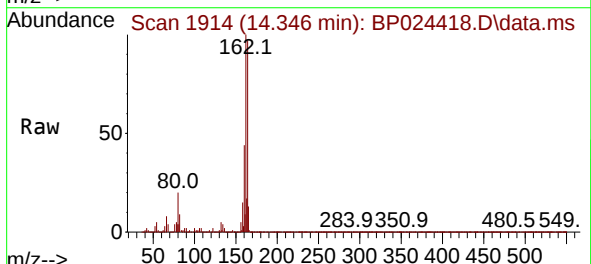
Instrument :
BNA_P
ClientSampleId :
PB167726BL

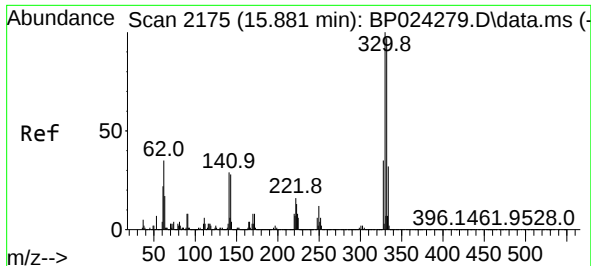
Tgt Ion: 82 Resp: 1285885
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 44.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

Tgt Ion: 164 Resp: 451527
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 45.0 35.3 52.9

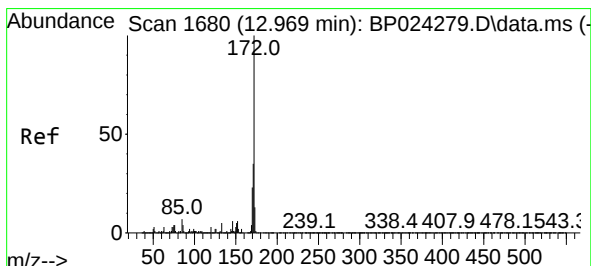
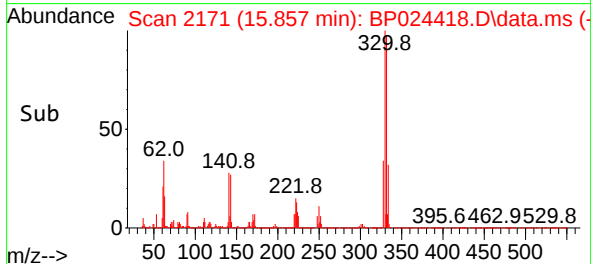
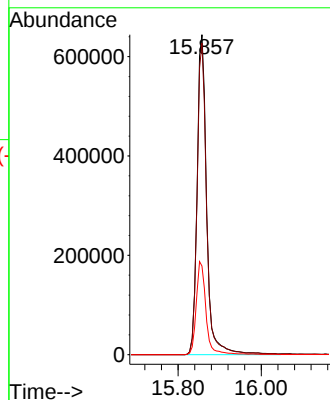
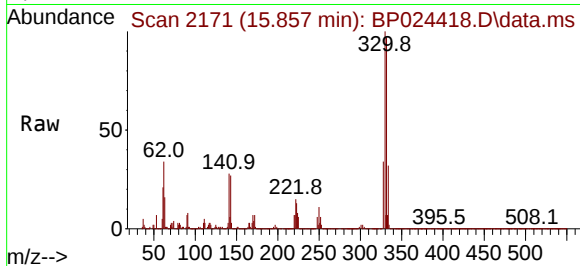




#42
2,4,6-Tribromophenol
Concen: 165.654 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

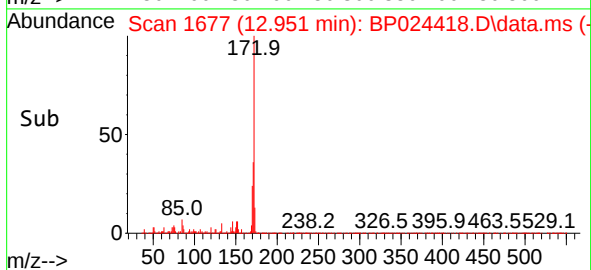
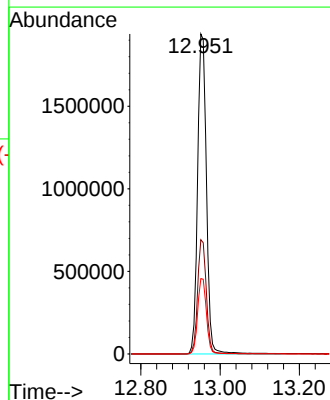
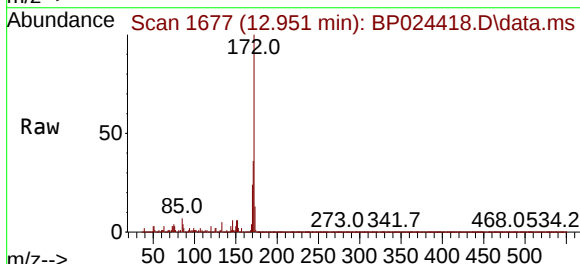
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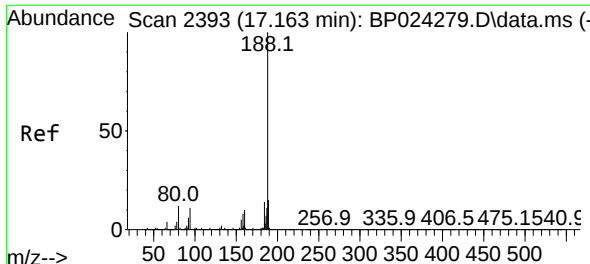
Tgt Ion:330 Resp: 1034860
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 29.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 101.400 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

Tgt Ion:172 Resp: 2990311
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 18.6 27.8

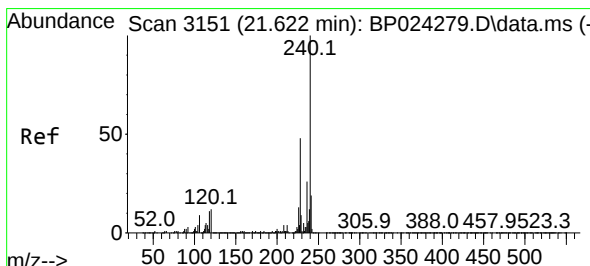
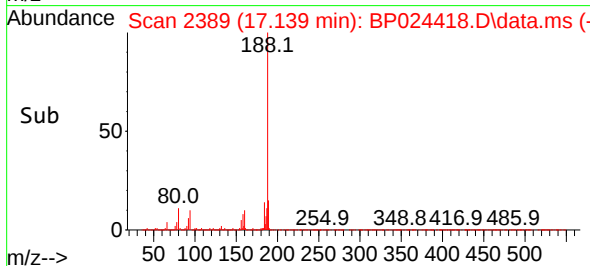
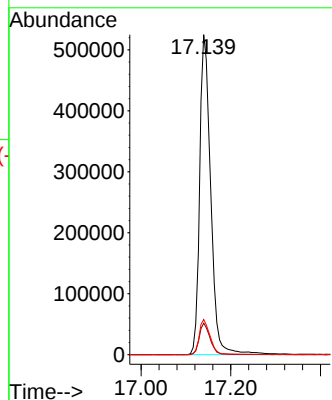
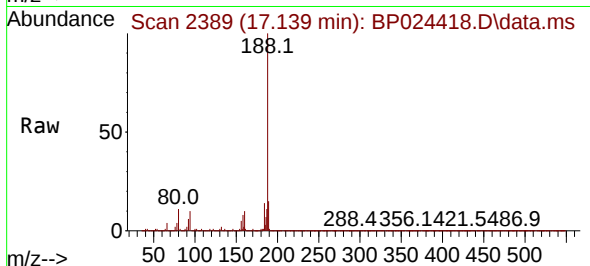




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

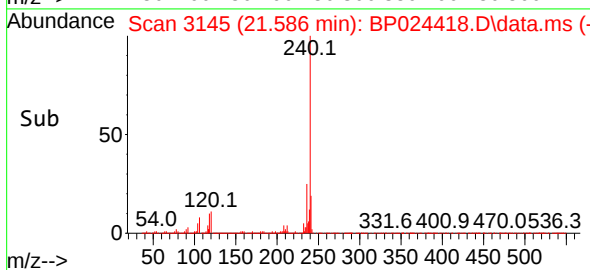
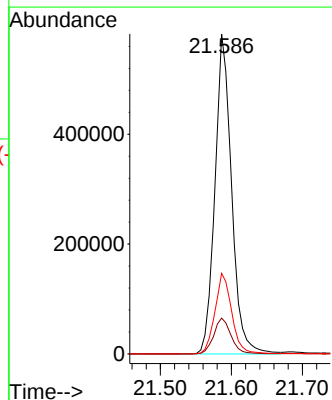
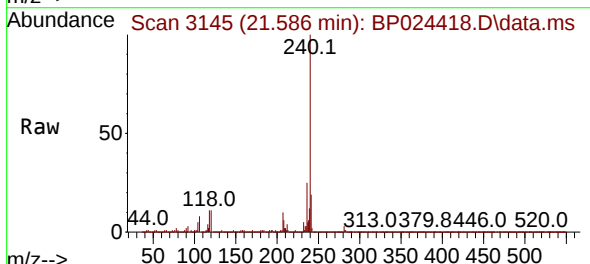
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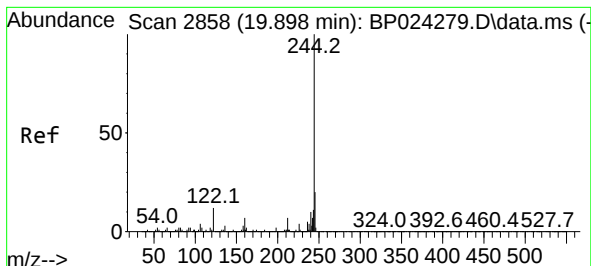
Tgt Ion:188 Resp: 897457
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 11.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024418.D
Acq: 25 Apr 2025 11:41

Tgt Ion:240 Resp: 948844
Ion Ratio Lower Upper
240 100
120 11.2 9.8 14.8
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 103.281 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024418.D

Acq: 25 Apr 2025 11:41

Instrument :

BNA_P

ClientSampleId :

PB167726BL

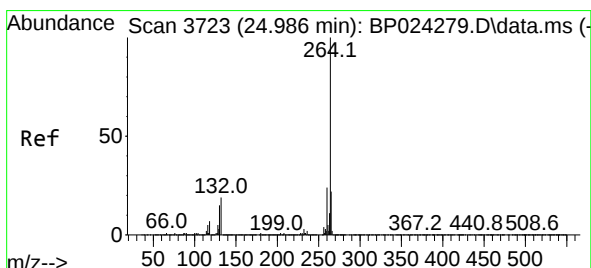
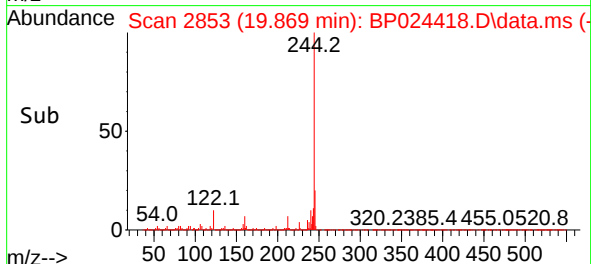
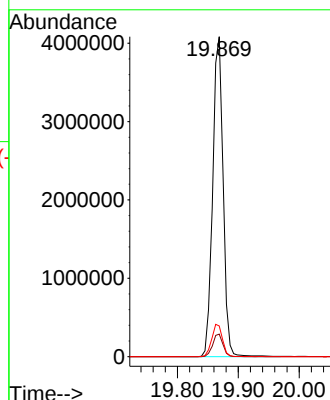
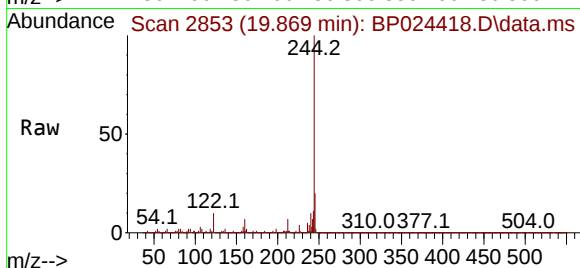
Tgt Ion:244 Resp: 4861854

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.6 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: BP024418.D

Acq: 25 Apr 2025 11:41

Tgt Ion:264 Resp: 1050562

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.2 17.8 26.6

