

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024376.D
 Acq On : 22 Apr 2025 13:15
 Operator : RC/JU
 Sample : PB167689BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167689BL

Quant Time: Apr 22 14:12:09 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	7.722	152	284522	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1138059	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	690400	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1279395	20.000	ng	0.02
76) Chrysene-d12	21.598	240	1142883	20.000	ng	0.00
86) Perylene-d12	24.951	264	1273783	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2382934	138.480	ng	0.00
7) Phenol-d6	6.910	99	2947842	125.109	ng	0.00
23) Nitrobenzene-d5	8.869	82	1827044	91.542	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1311312	137.281	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	4047368	89.759	ng	0.00
79) Terphenyl-d14	19.886	244	5457471	96.250	ng	0.01

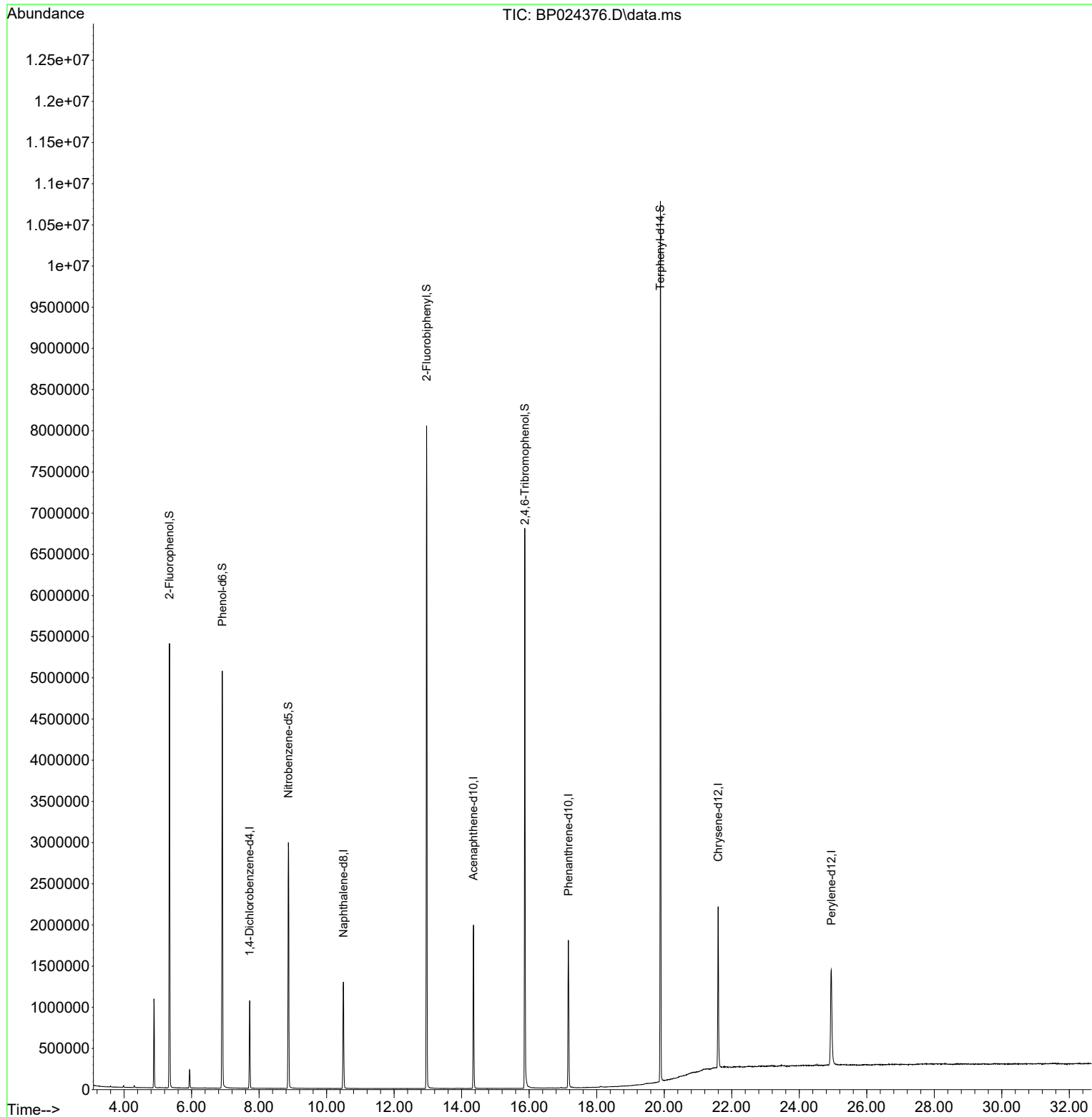
Target Compounds	Qvalue

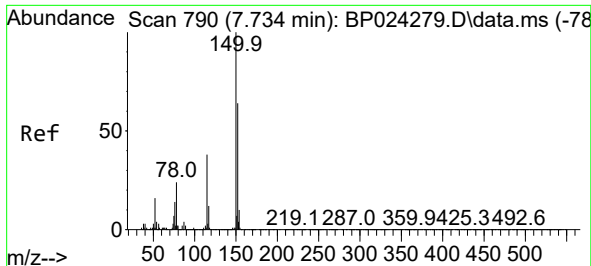
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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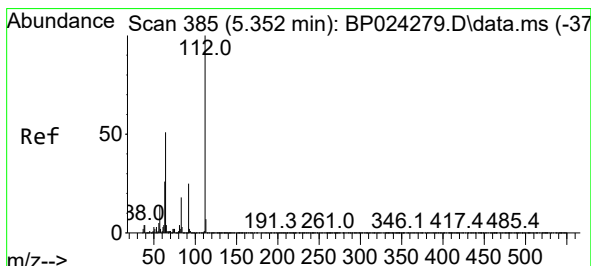
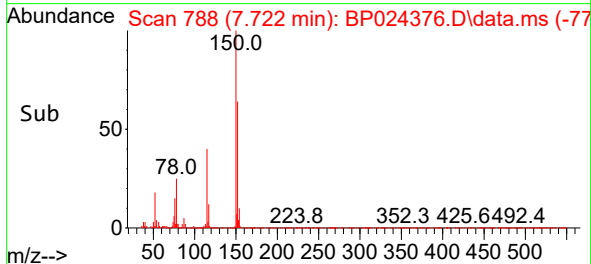
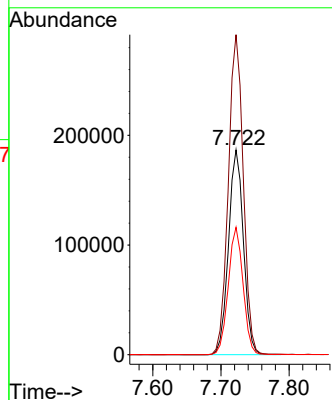
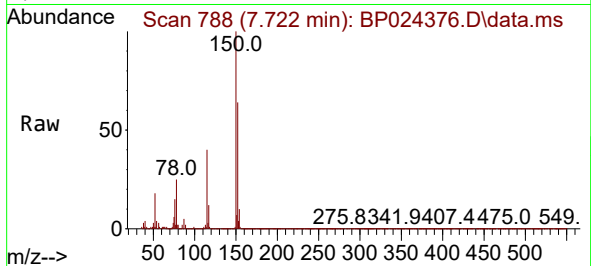




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

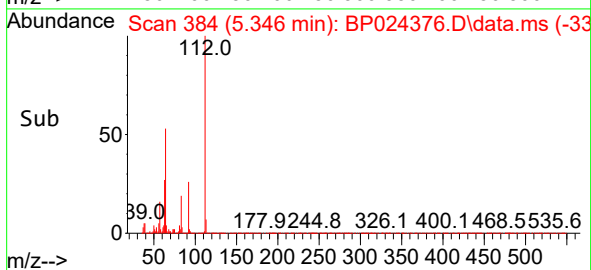
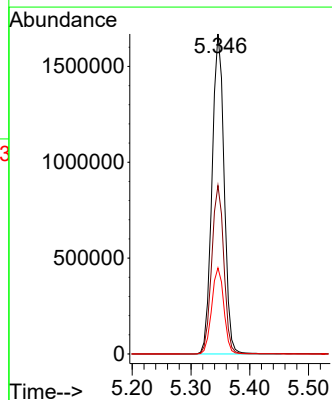
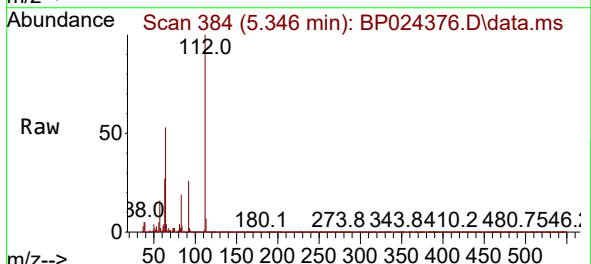
Instrument :
BNA_P
ClientSampleId :
PB167689BL

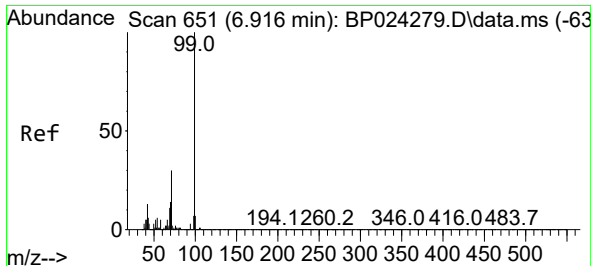
Tgt Ion:152 Resp: 284522
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 62.2 47.7 71.5



#5
2-Fluorophenol
Concen: 138.480 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

Tgt Ion:112 Resp: 2382934
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 26.9 20.6 30.8

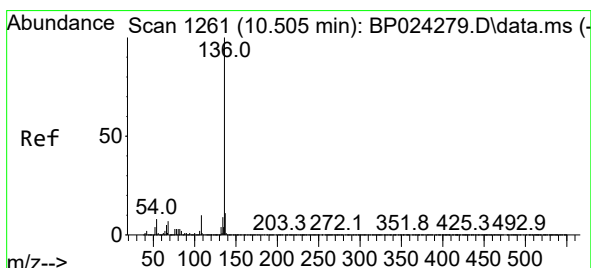
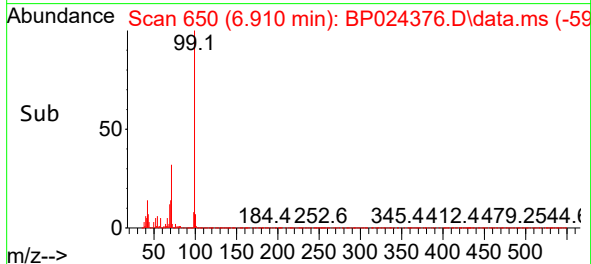
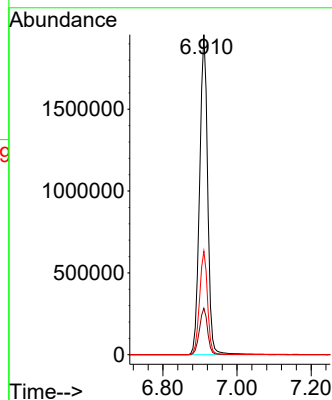
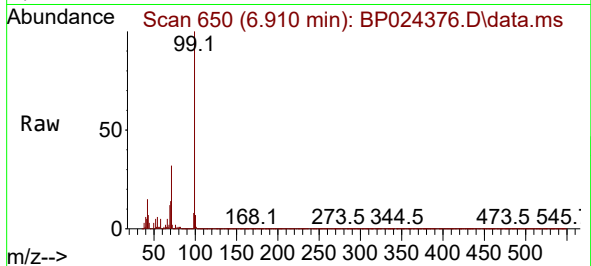




#7
Phenol-d6
Concen: 125.109 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

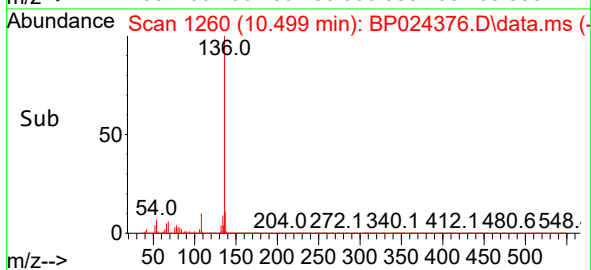
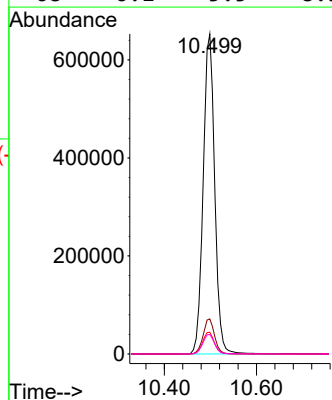
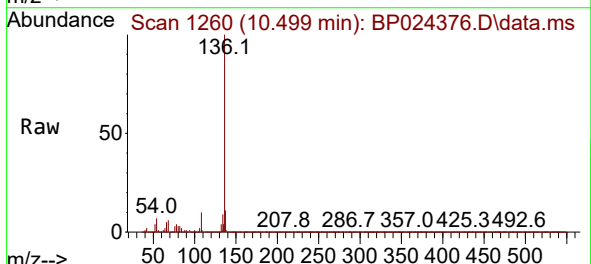
Instrument :
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ClientSampleId :
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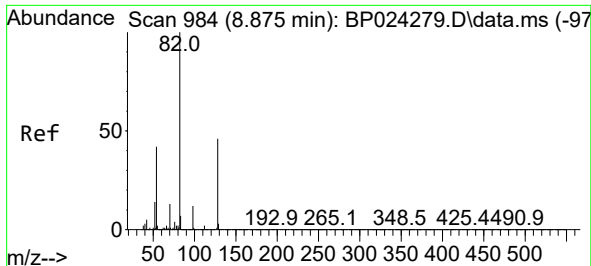
Tgt Ion: 99 Resp: 2947842
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 32.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

Tgt Ion:136 Resp: 1138059
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.8 6.0 9.0
68 6.1 5.5 8.3

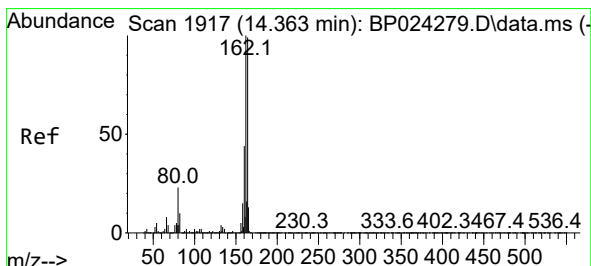
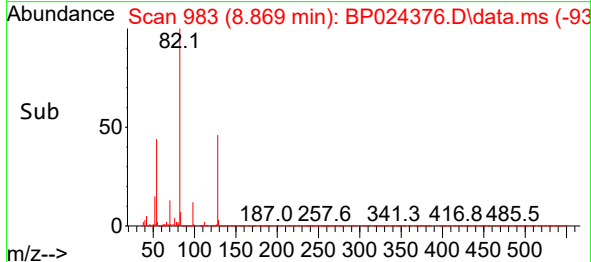
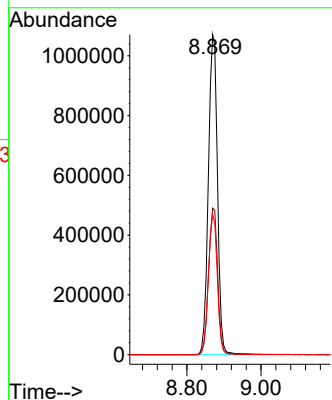
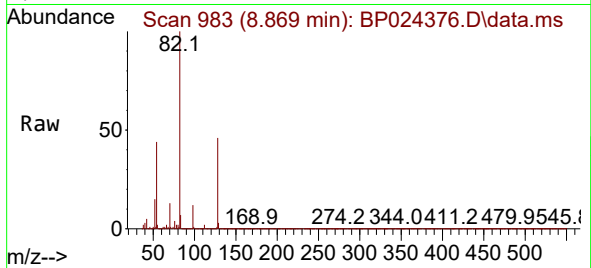




#23
Nitrobenzene-d5
Concen: 91.542 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

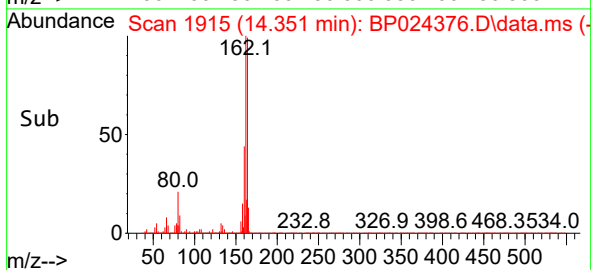
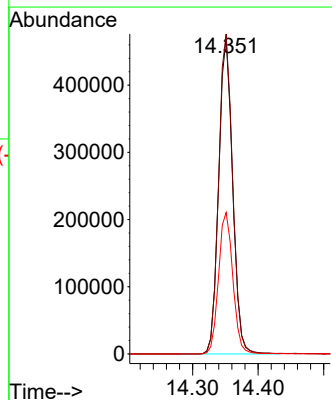
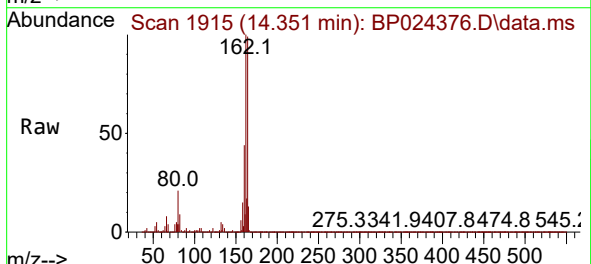
Instrument :
BNA_P
ClientSampleId :
PB167689BL

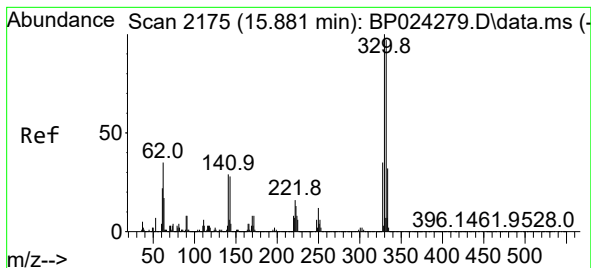
Tgt Ion: 82 Resp: 1827044
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 43.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

Tgt Ion:164 Resp: 690400
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.7 35.3 52.9

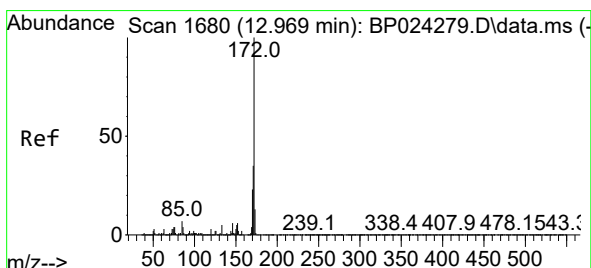
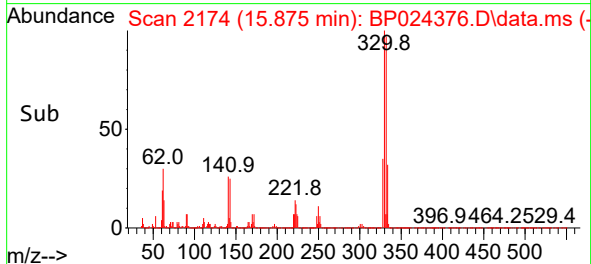
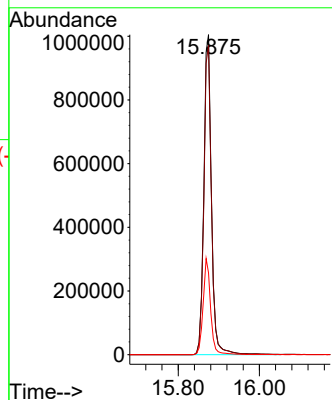
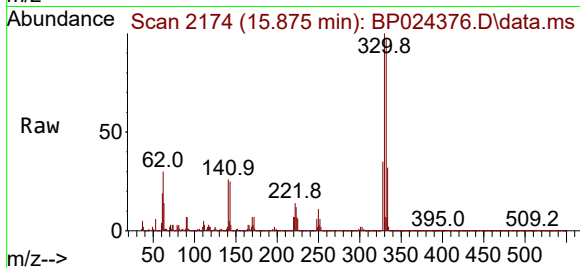




#42
2,4,6-Tribromophenol
Concen: 137.281 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

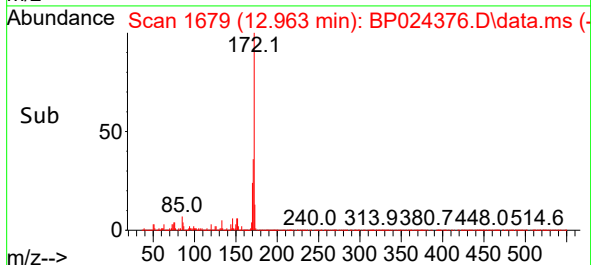
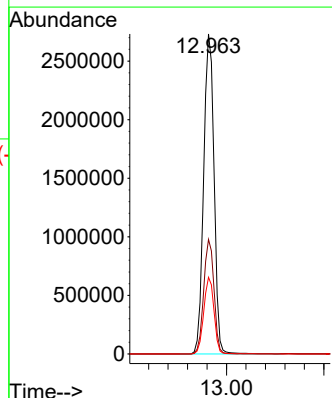
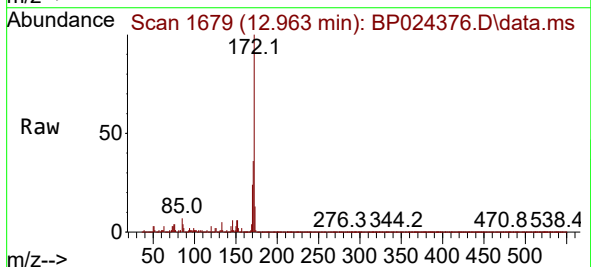
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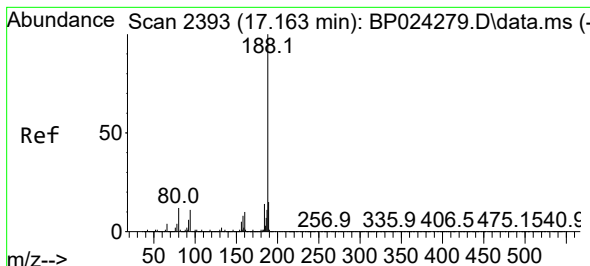
Tgt Ion:330 Resp: 1311312
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 89.759 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP024376.D
Acq: 22 Apr 2025 13:15

Tgt Ion:172 Resp: 4047368
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024376.D

Acq: 22 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167689BL

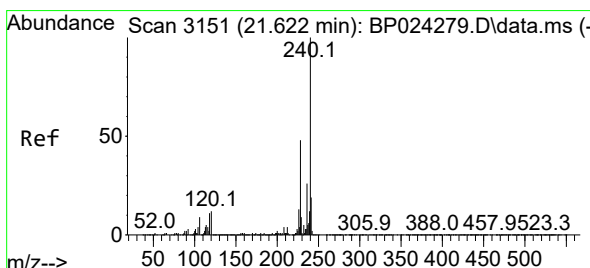
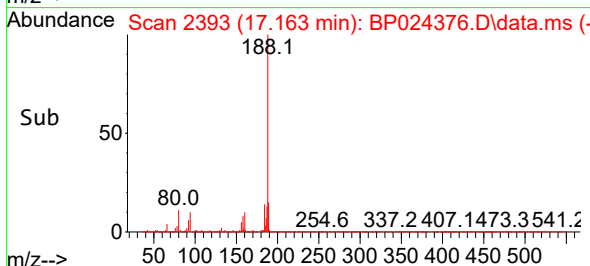
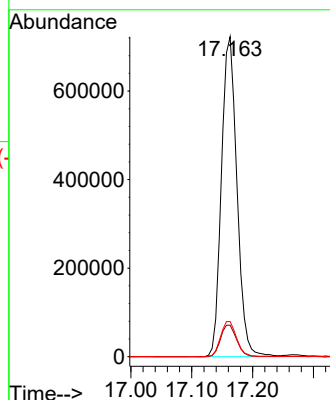
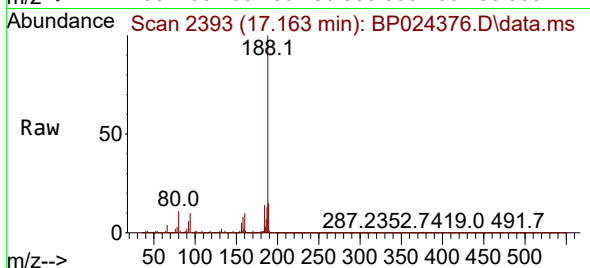
Tgt Ion:188 Resp: 1279395

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: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024376.D

Acq: 22 Apr 2025 13:15

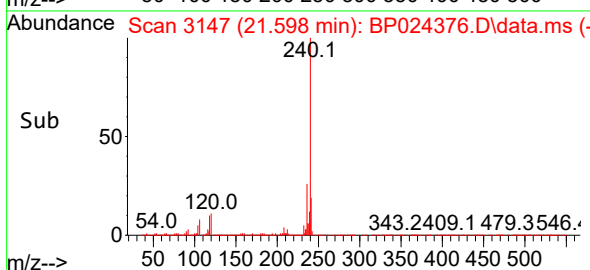
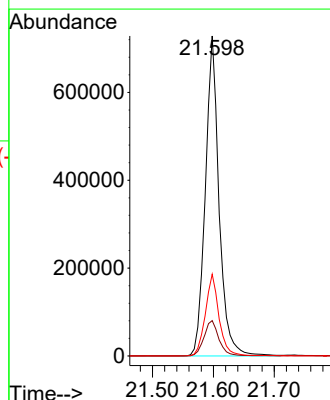
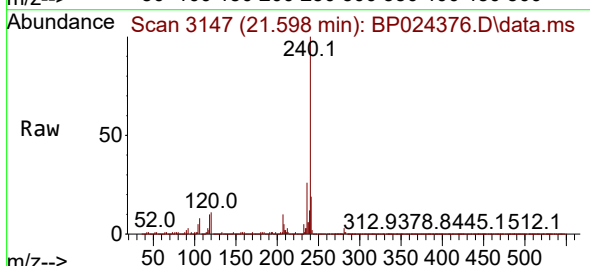
Tgt Ion:240 Resp: 1142883

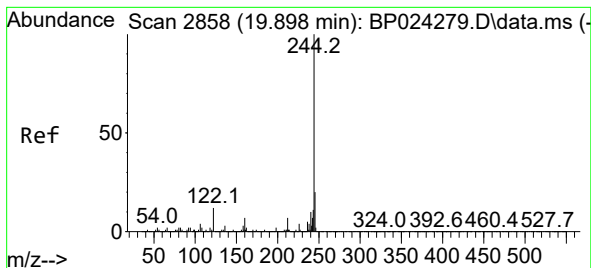
Ion Ratio Lower Upper

240 100

120 11.1 9.8 14.8

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 96.250 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024376.D

Acq: 22 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167689BL

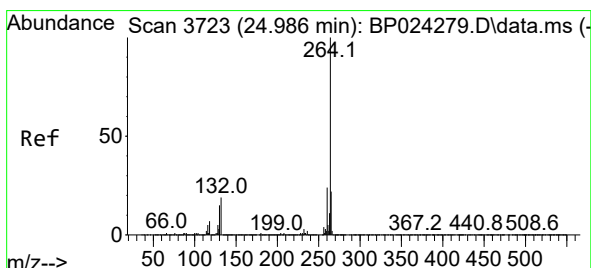
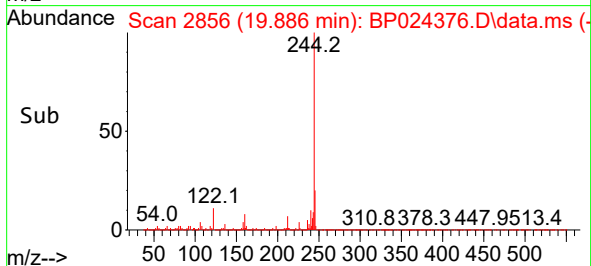
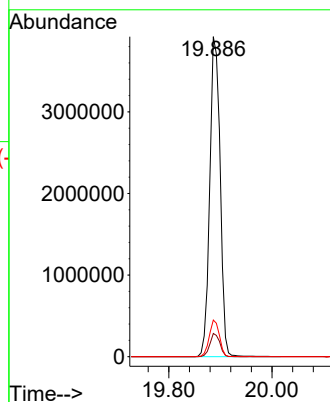
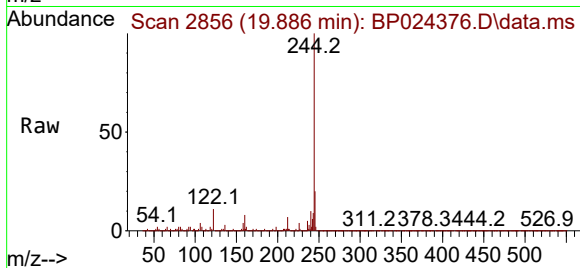
Tgt Ion:244 Resp: 5457471

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024376.D

Acq: 22 Apr 2025 13:15

Tgt Ion:264 Resp: 1273783

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

