

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024413.D
 Acq On : 24 Apr 2025 18:37
 Operator : RC/JU
 Sample : Q1852-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Apr 25 01:02:24 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	186159	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	729528	20.000	ng	0.00
39) Acenaphthene-d10	14.339	164	444425	20.000	ng	-0.01
64) Phenanthrene-d10	17.127	188	930374	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	1151869	20.000	ng	-0.02
86) Perylene-d12	24.904	264	1214098	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1483496	131.763	ng	0.00
7) Phenol-d6	6.904	99	1755637	113.881	ng	0.00
23) Nitrobenzene-d5	8.863	82	1122336	87.724	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	947194	154.044	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2416983	83.269	ng	-0.01
79) Terphenyl-d14	19.857	244	4917939	86.058	ng	-0.02

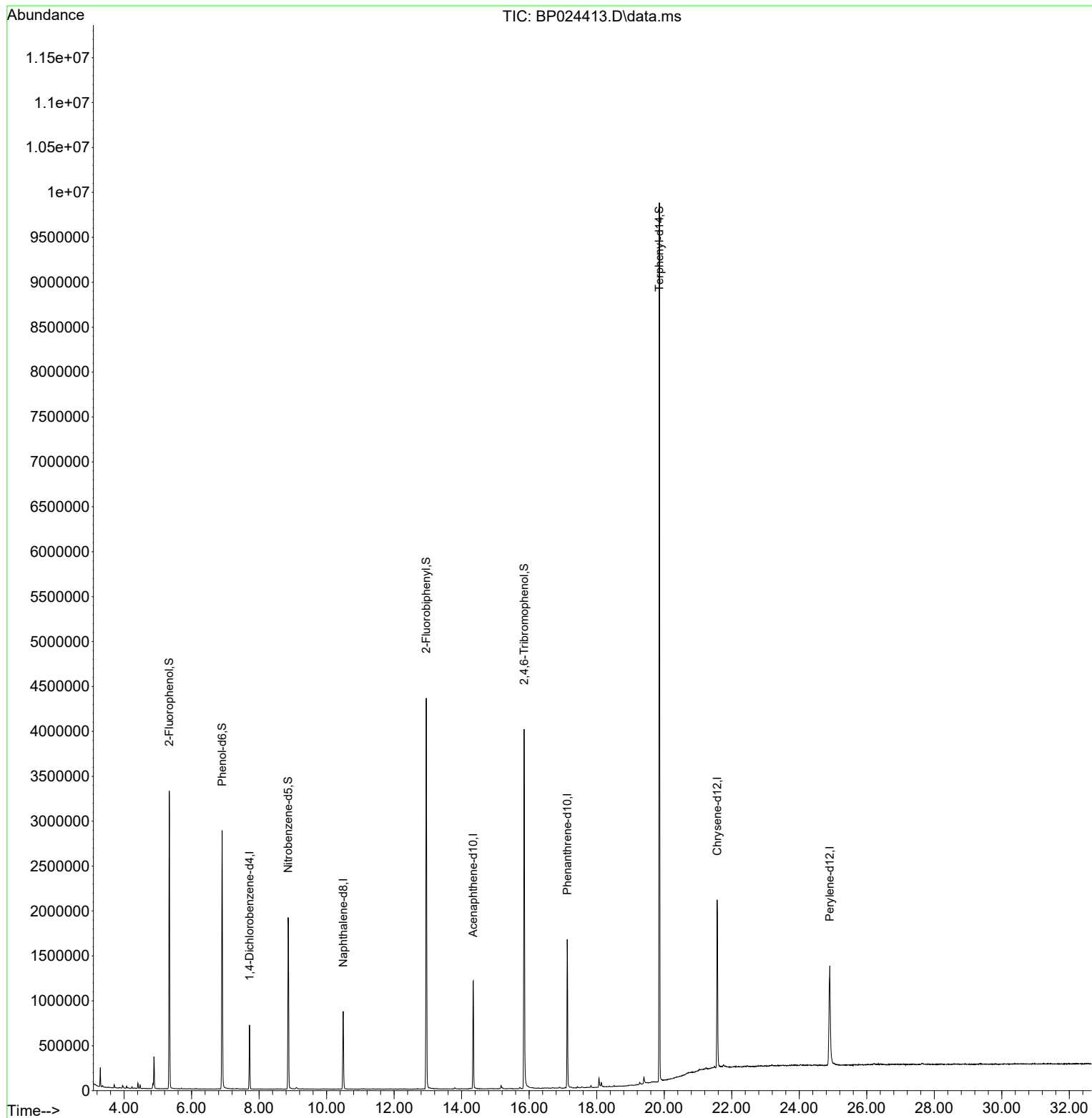
Target Compounds	Qvalue

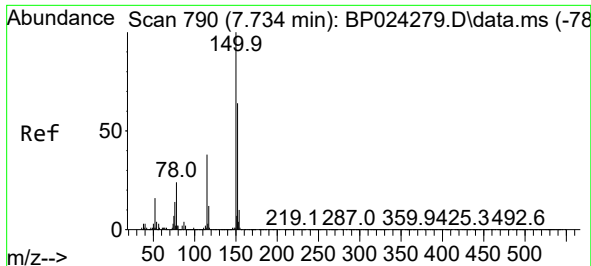
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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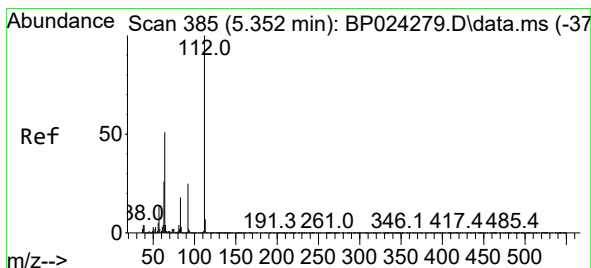
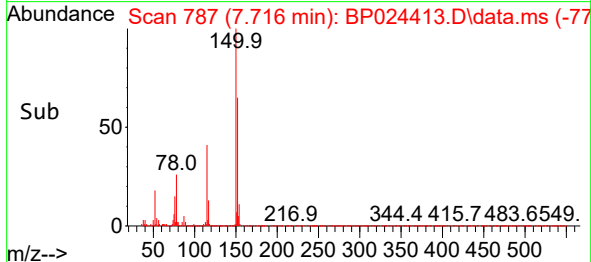
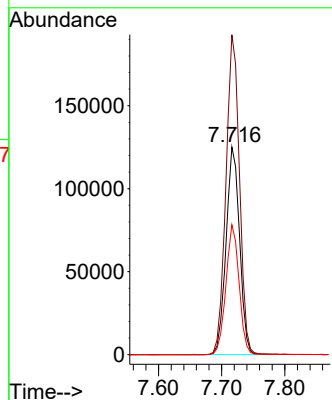
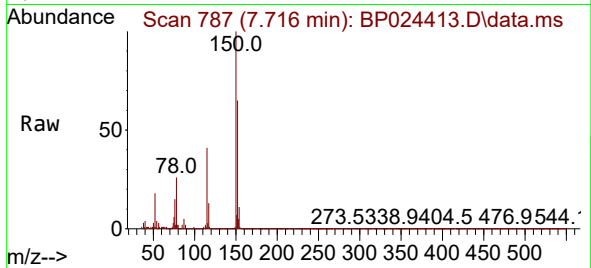




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

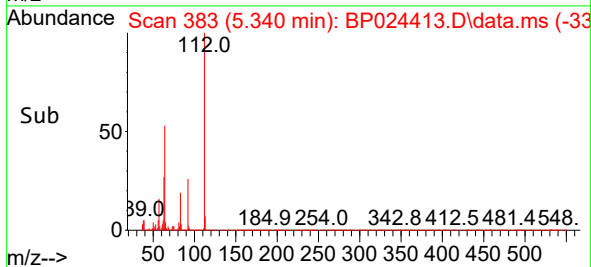
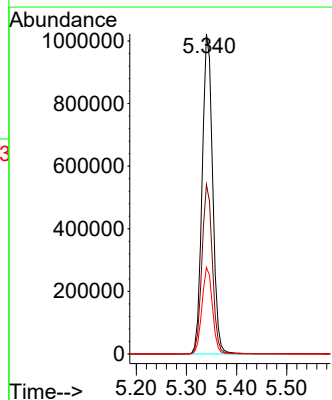
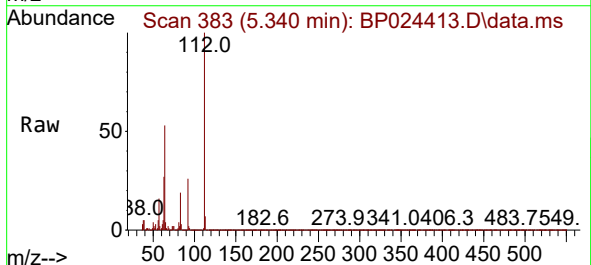
Instrument :
BNA_P
ClientSampleId :
72-11977

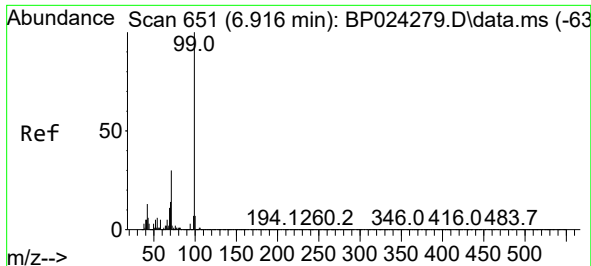
Tgt Ion:152 Resp: 186159
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 131.763 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

Tgt Ion:112 Resp: 1483496
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.1 20.6 30.8

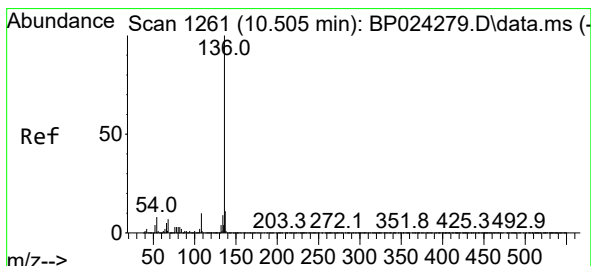
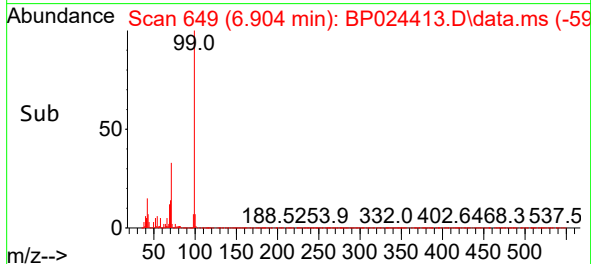
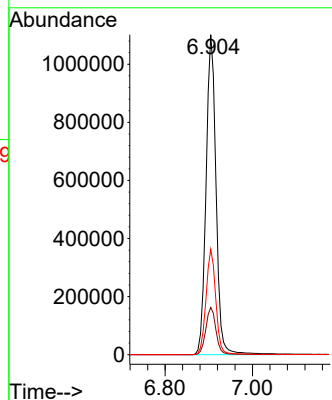
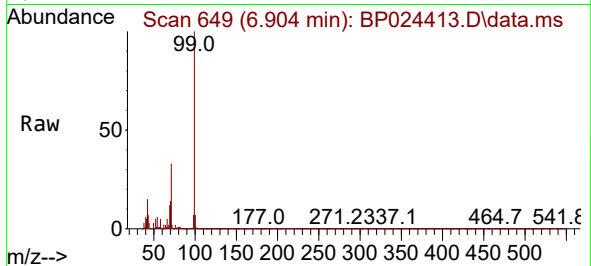




#7
Phenol-d6
Concen: 113.881 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

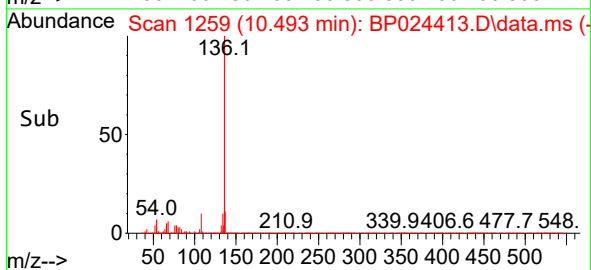
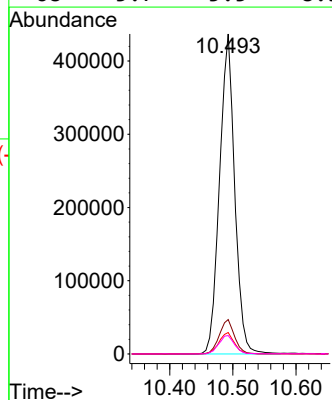
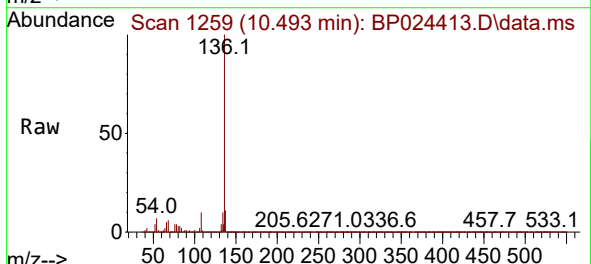
Instrument :
BNA_P
ClientSampleId :
72-11977

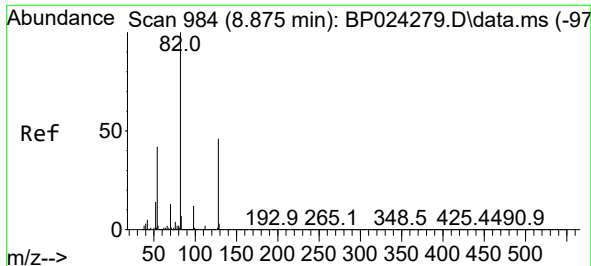
Tgt Ion: 99 Resp: 1755637
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

Tgt Ion:136 Resp: 729528
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.7 6.0 9.0
68 5.7 5.5 8.3

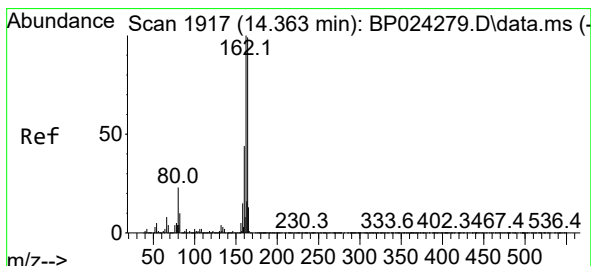
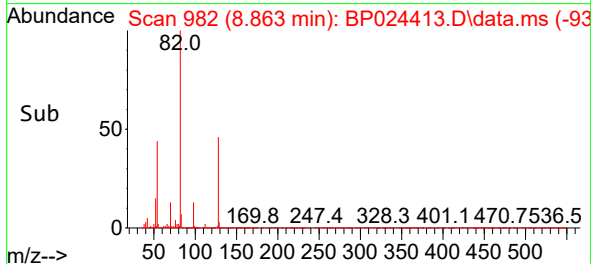
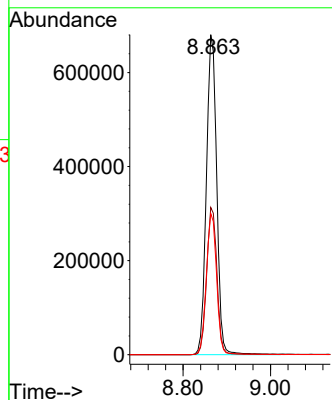
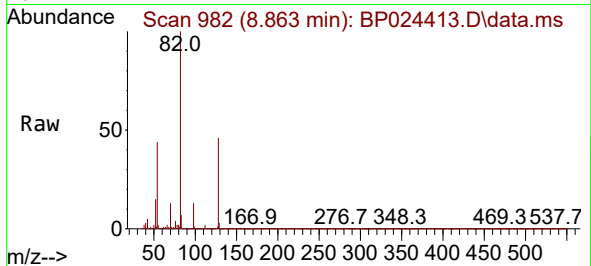




#23
Nitrobenzene-d5
Concen: 87.724 ng
RT: 8.863 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

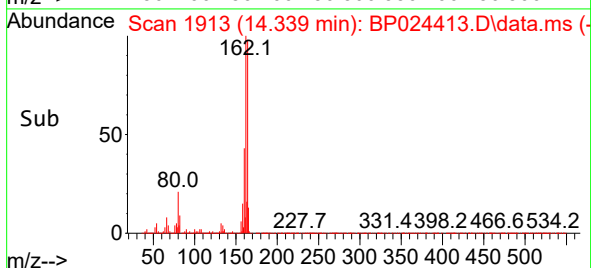
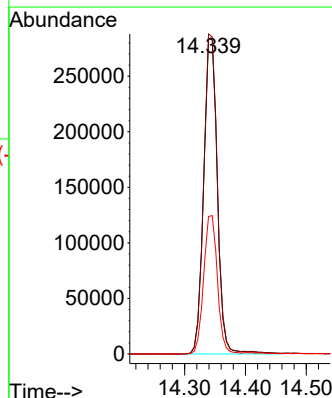
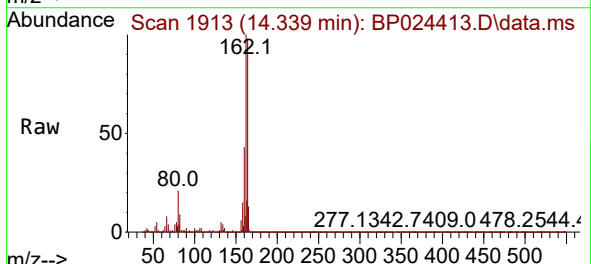
Instrument :
BNA_P
ClientSampleId :
72-11977

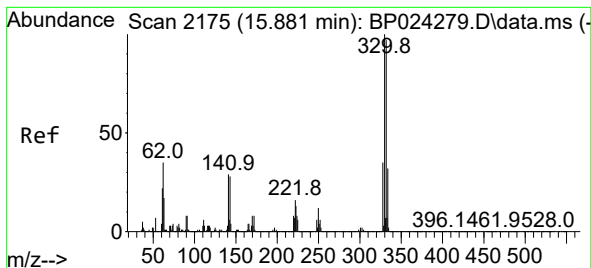
Tgt Ion: 82 Resp: 1122336
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 44.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

Tgt Ion:164 Resp: 444425
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 43.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 154.044 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024413.D

Acq: 24 Apr 2025 18:37

Instrument :

BNA_P

ClientSampleId :

72-11977

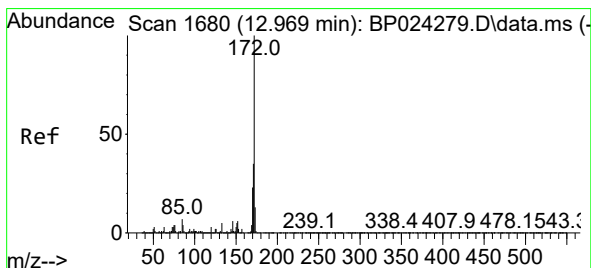
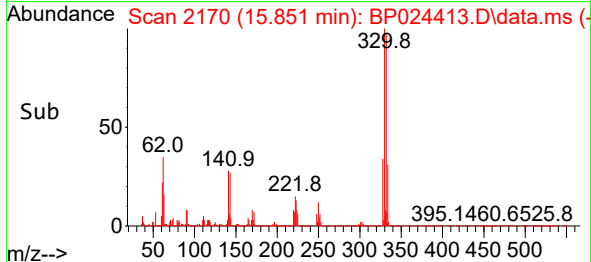
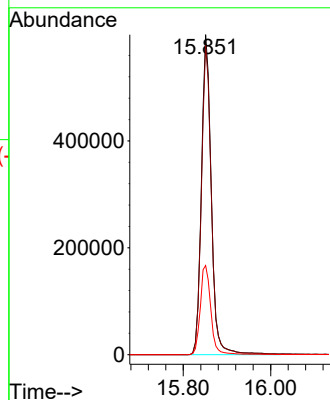
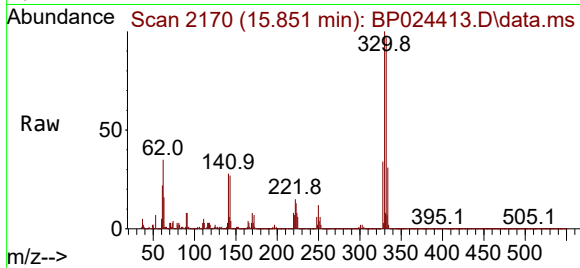
Tgt Ion:330 Resp: 947194

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 83.269 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024413.D

Acq: 24 Apr 2025 18:37

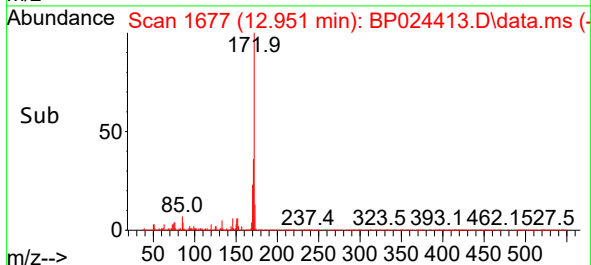
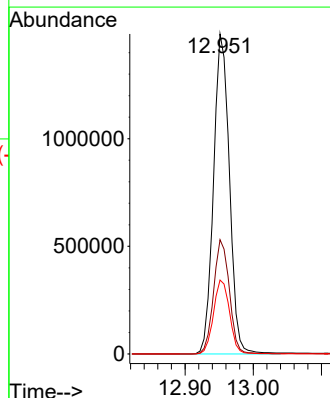
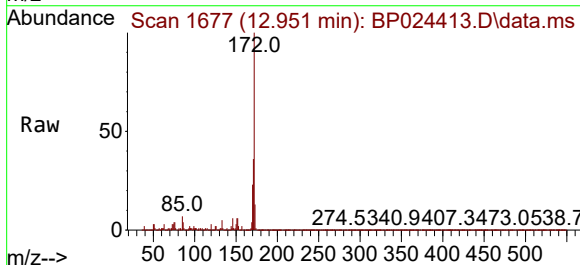
Tgt Ion:172 Resp: 2416983

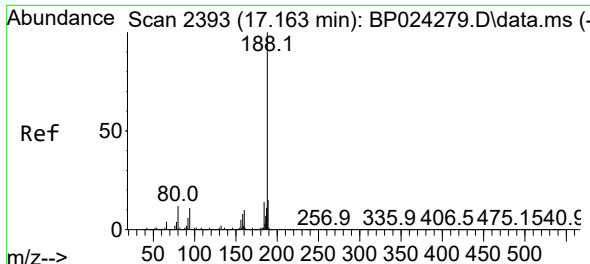
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.1 18.6 27.8

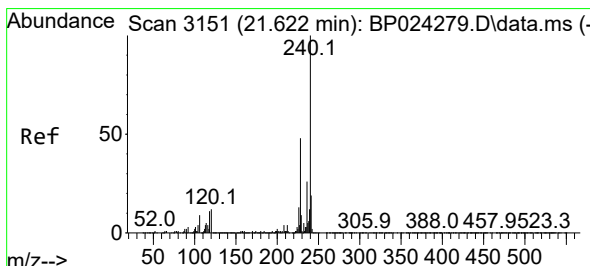
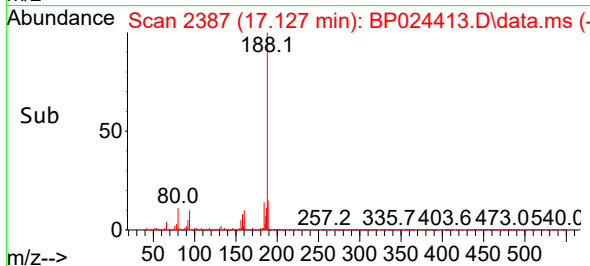
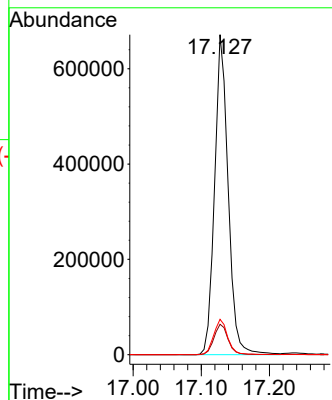
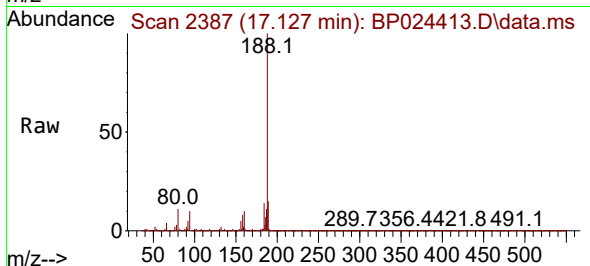




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

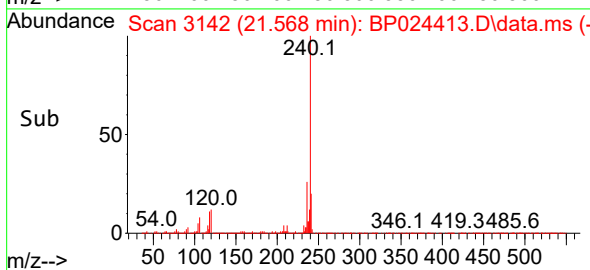
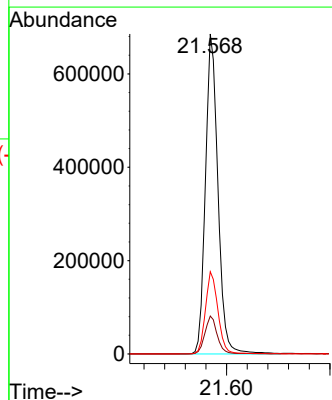
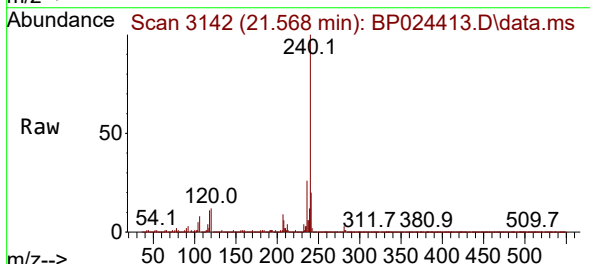
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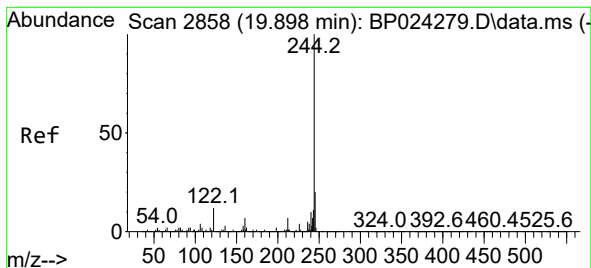
Tgt Ion:188 Resp: 930374
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 11.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3142
Delta R.T. -0.024 min
Lab File: BP024413.D
Acq: 24 Apr 2025 18:37

Tgt Ion:240 Resp: 1151869
Ion Ratio Lower Upper
240 100
120 11.9 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 86.058 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024413.D

Acq: 24 Apr 2025 18:37

Instrument :

BNA_P

ClientSampleId :

72-11977

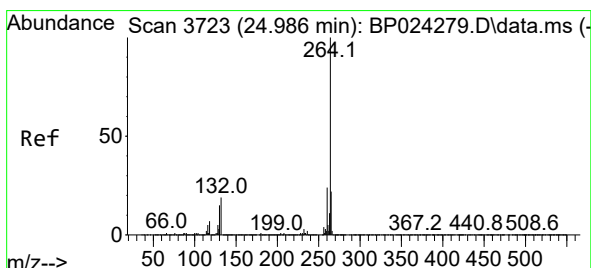
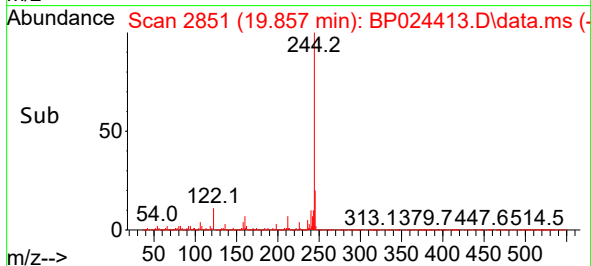
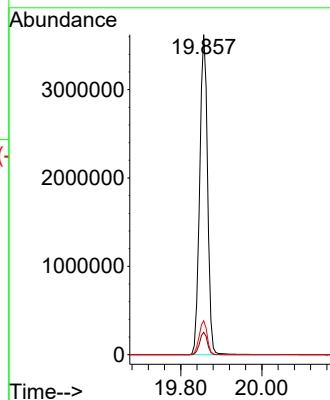
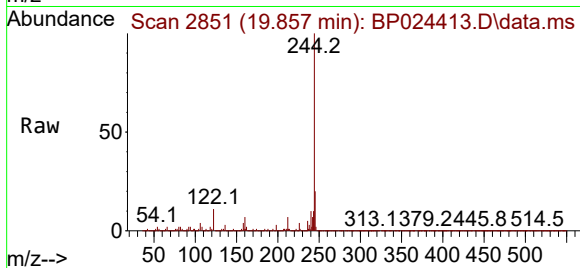
Tgt Ion:244 Resp: 4917939

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.904 min Scan# 3709

Delta R.T. -0.029 min

Lab File: BP024413.D

Acq: 24 Apr 2025 18:37

Tgt Ion:264 Resp: 1214098

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.1 17.8 26.6

