

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024374.D
 Acq On : 22 Apr 2025 11:54
 Operator : RC/JU
 Sample : PB167670BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167670BL

Quant Time: Apr 22 12:21:44 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	267939	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	1037194	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	612280	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1171723	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1175331	20.000	ng	-0.01
86) Perylene-d12	24.927	264	1280649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2338975	144.338	ng	0.00
7) Phenol-d6	6.911	99	2841502	128.060	ng	0.00
23) Nitrobenzene-d5	8.869	82	1740454	95.684	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1248337	147.362	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3776910	94.448	ng	0.00
79) Terphenyl-d14	19.869	244	5706629	97.866	ng	0.00

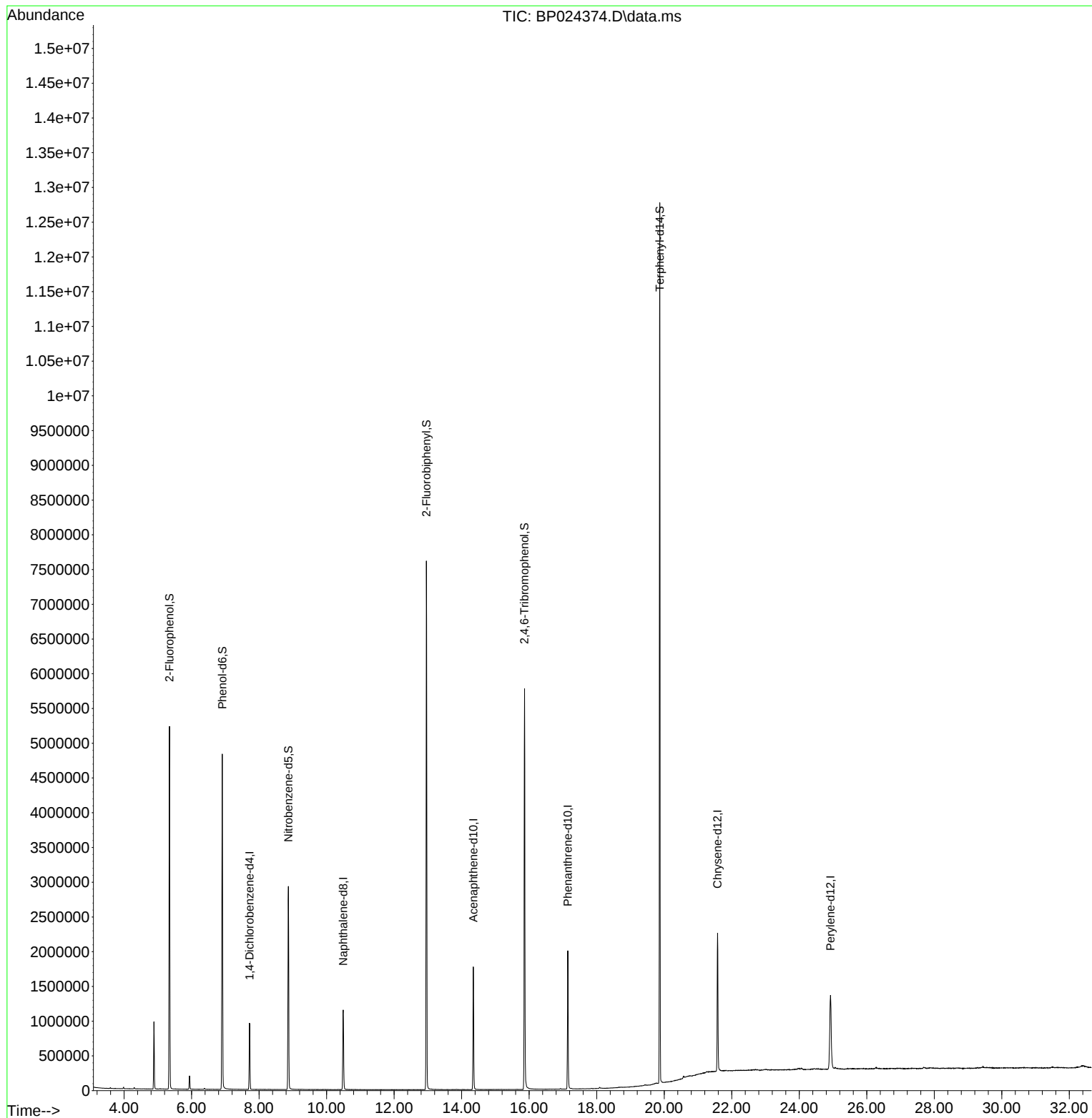
Target Compounds	Qvalue

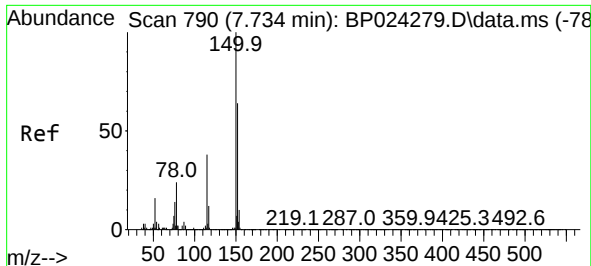
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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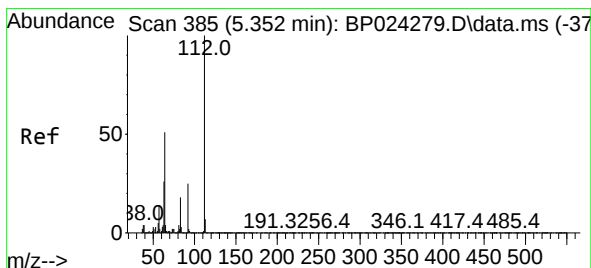
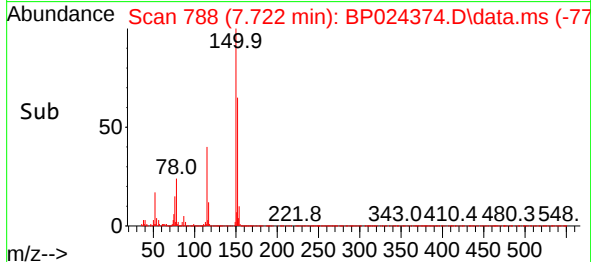
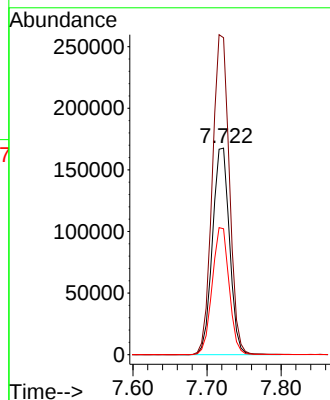
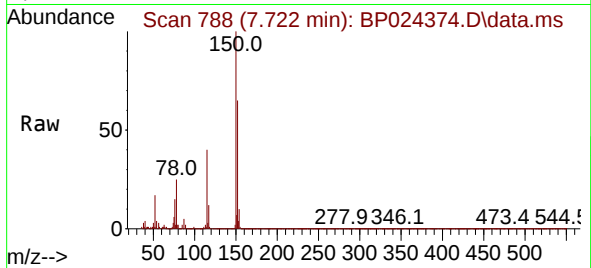




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

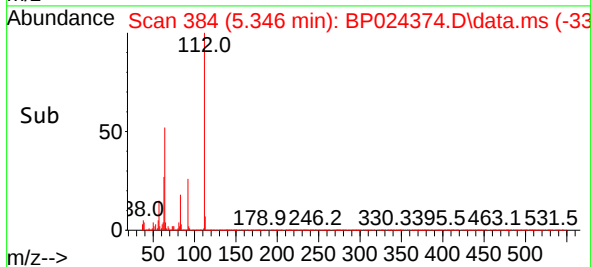
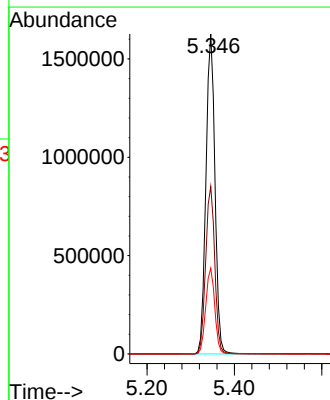
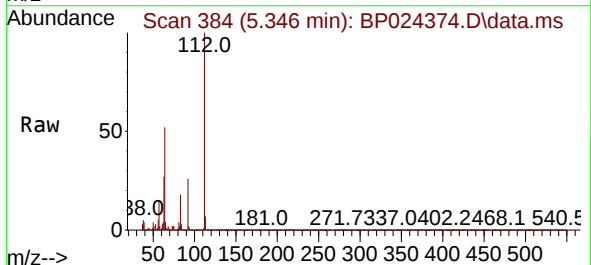
Instrument :
BNA_P
ClientSampleId :
PB167670BL

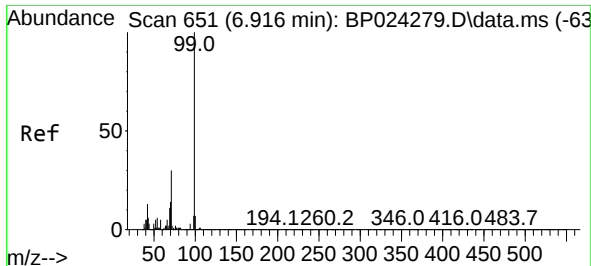
Tgt Ion:152 Resp: 267939
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 60.9 47.7 71.5



#5
2-Fluorophenol
Concen: 144.338 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

Tgt Ion:112 Resp: 2338975
Ion Ratio Lower Upper
112 100
64 52.4 41.1 61.7
63 26.8 20.6 30.8

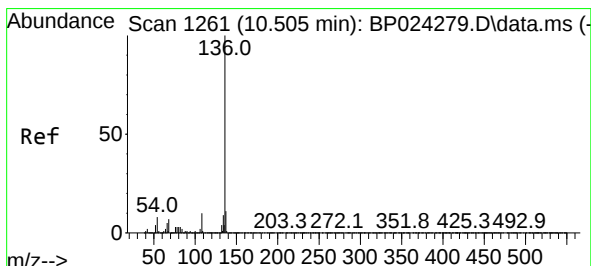
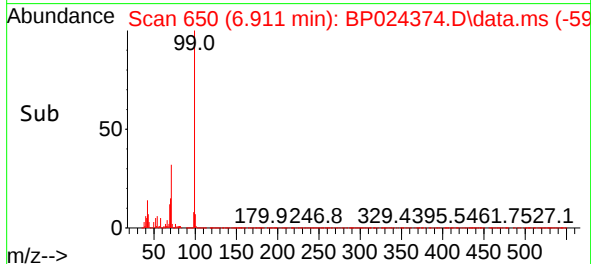
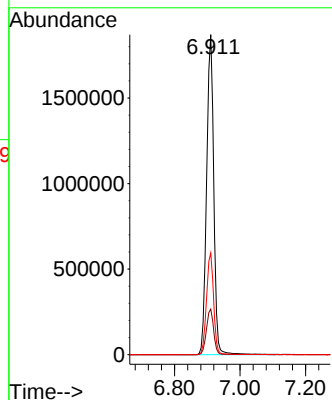
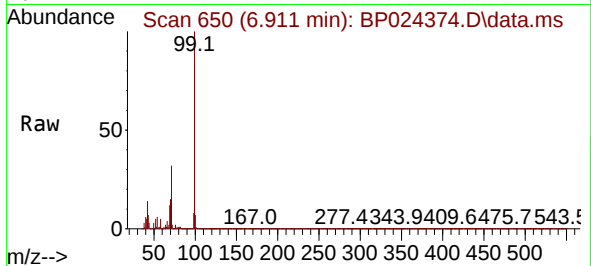




#7
Phenol-d6
Concen: 128.060 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

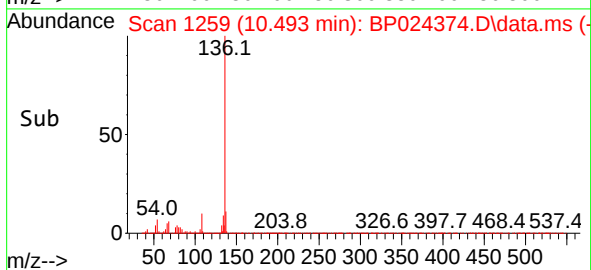
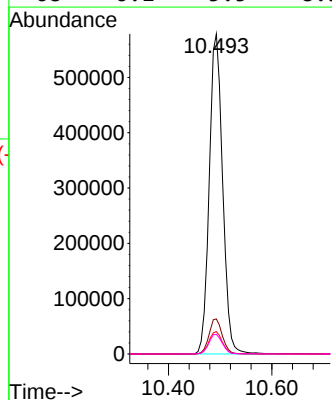
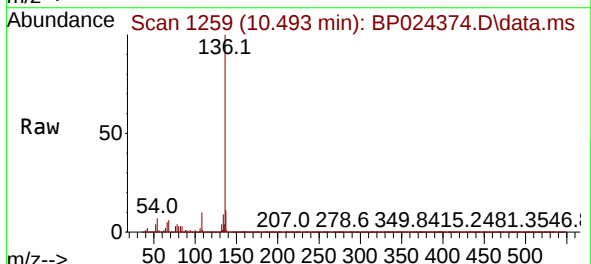
Instrument :
BNA_P
ClientSampleId :
PB167670BL

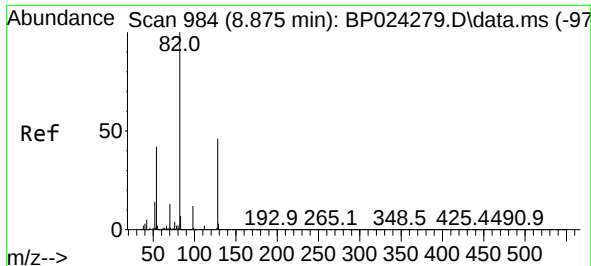
Tgt Ion: 99 Resp: 2841502
Ion Ratio Lower Upper
99 100
42 14.2 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

Tgt Ion:136 Resp: 1037194
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 6.1 5.5 8.3

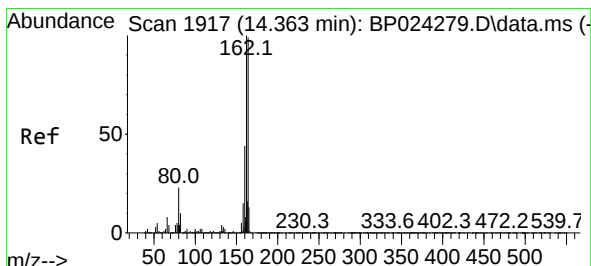
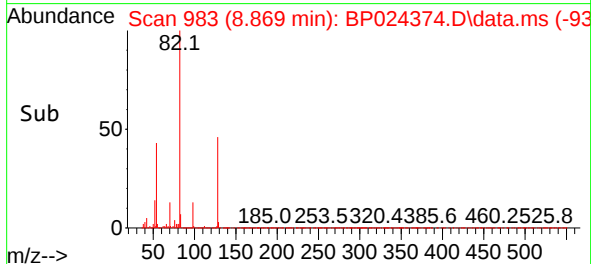
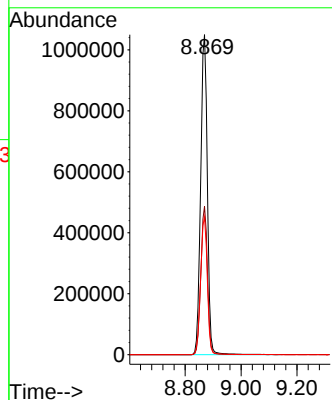
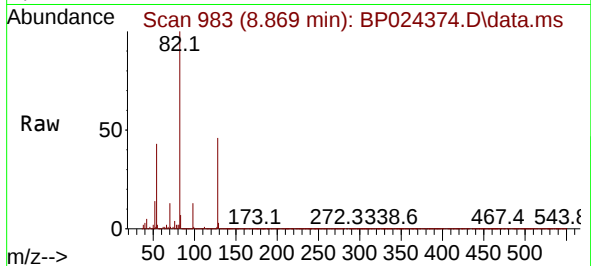




#23
Nitrobenzene-d5
Concen: 95.684 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

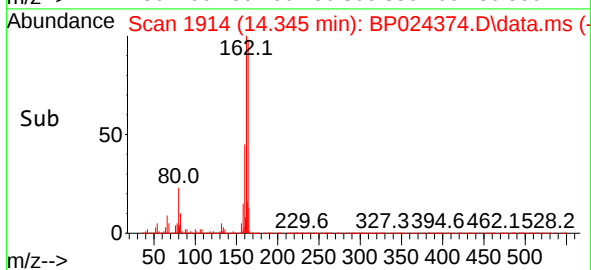
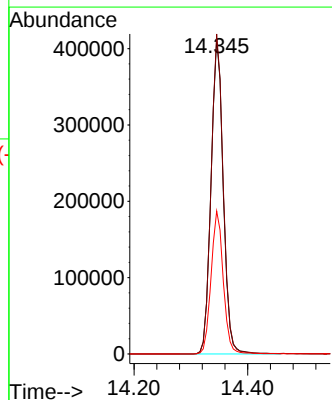
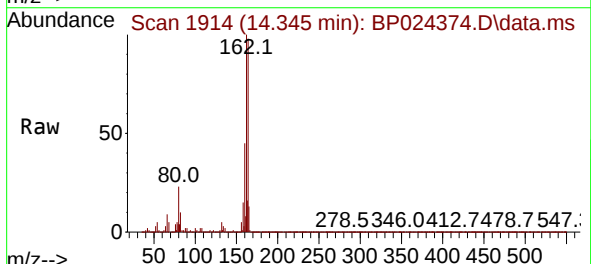
Instrument :
BNA_P
ClientSampleId :
PB167670BL

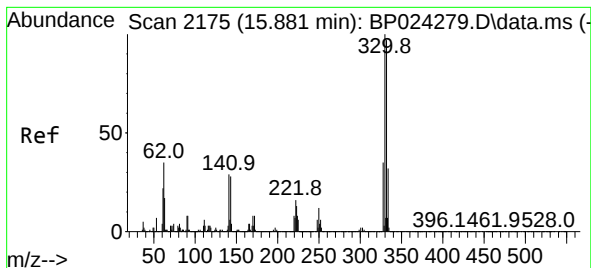
Tgt Ion: 82 Resp: 1740454
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 43.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

Tgt Ion: 164 Resp: 612280
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 147.362 ng

RT: 15.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024374.D

Acq: 22 Apr 2025 11:54

Instrument :

BNA_P

ClientSampleId :

PB167670BL

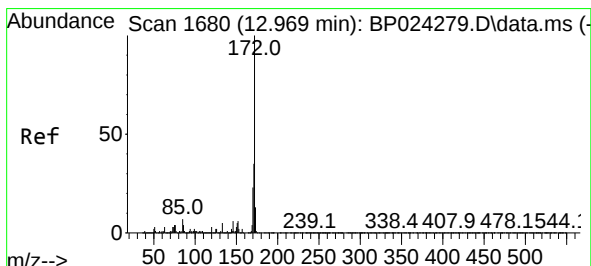
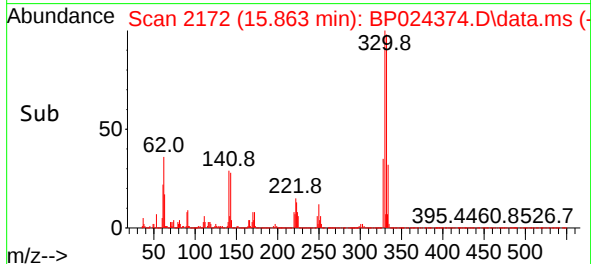
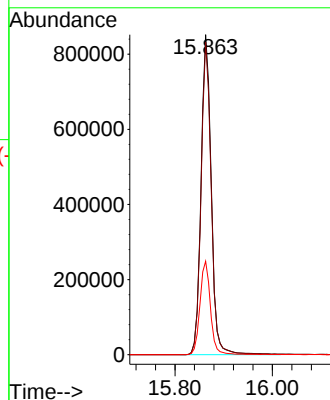
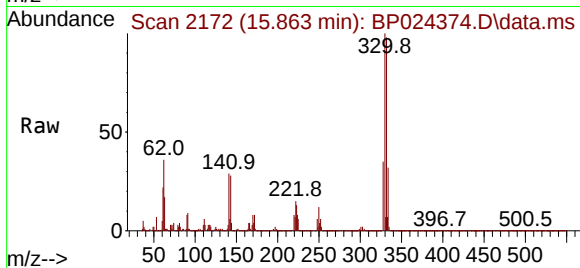
Tgt Ion:330 Resp: 1248337

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.448 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024374.D

Acq: 22 Apr 2025 11:54

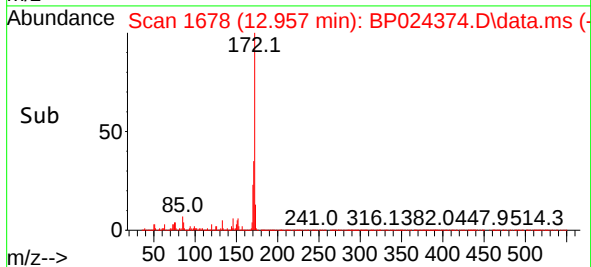
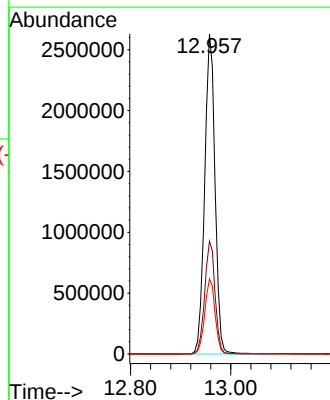
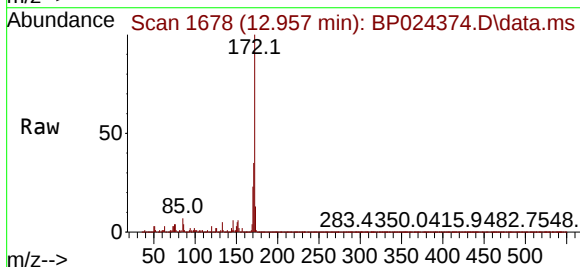
Tgt Ion:172 Resp: 3776910

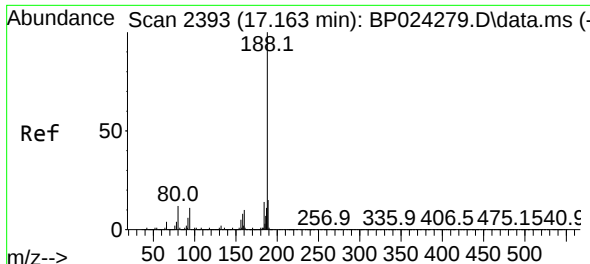
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.5 18.6 27.8

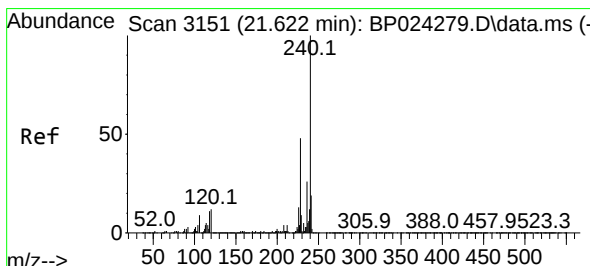
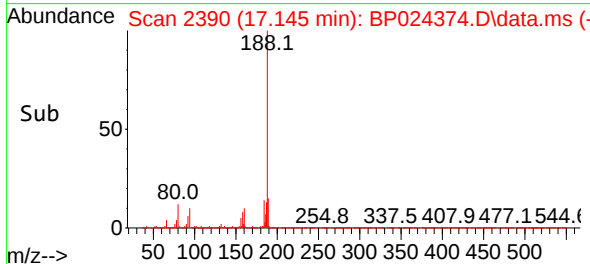
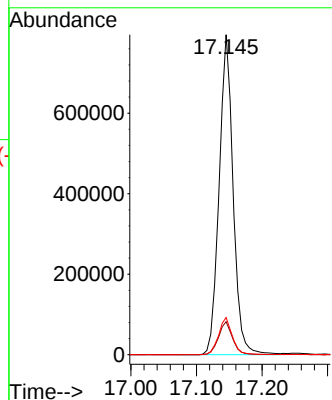
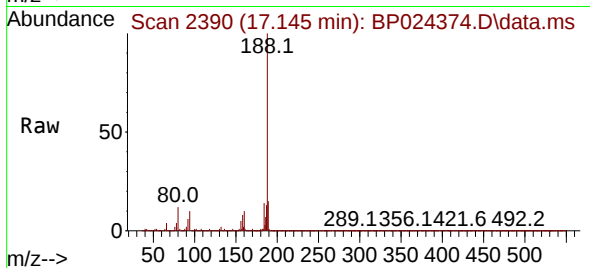




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

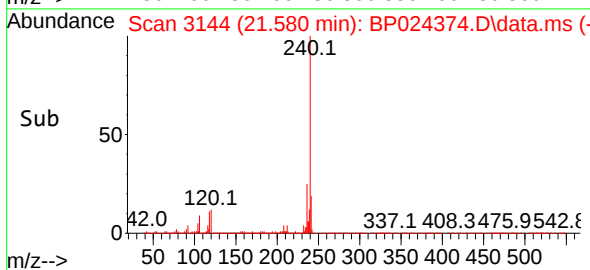
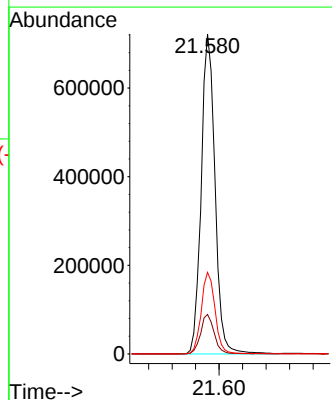
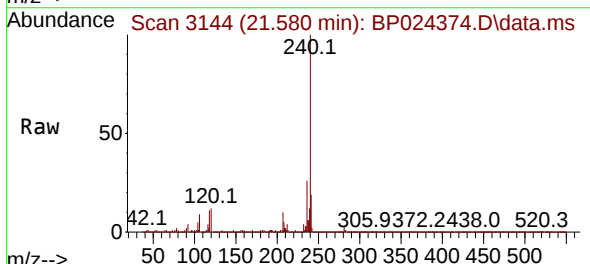
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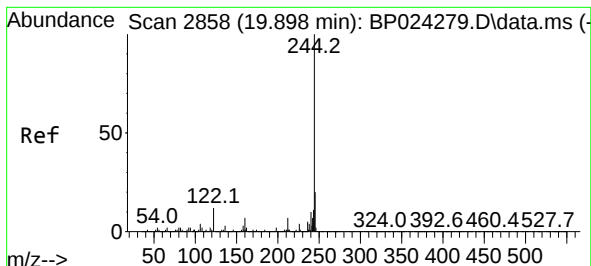
Tgt Ion:188 Resp: 1171723
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024374.D
Acq: 22 Apr 2025 11:54

Tgt Ion:240 Resp: 1175331
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.8
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 97.866 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024374.D

Acq: 22 Apr 2025 11:54

Instrument :

BNA_P

ClientSampleId :

PB167670BL

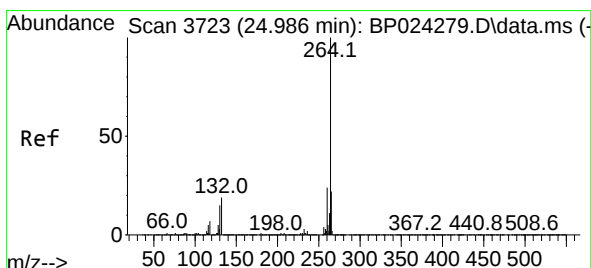
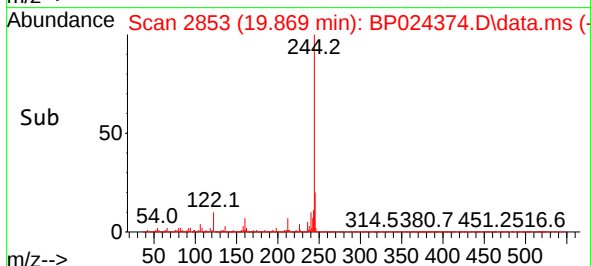
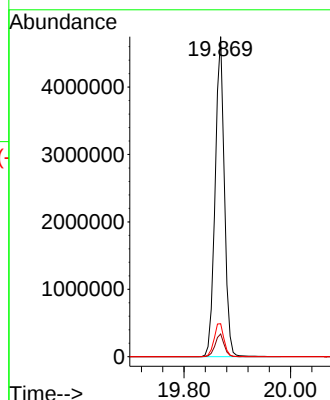
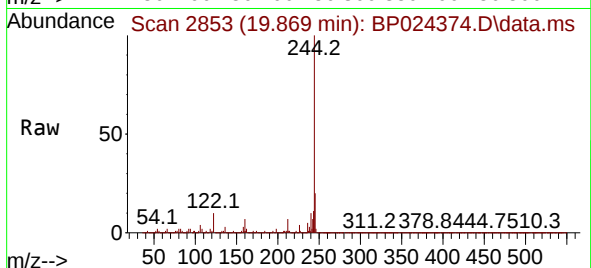
Tgt Ion:244 Resp: 5706629

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024374.D

Acq: 22 Apr 2025 11:54

Tgt Ion:264 Resp: 1280649

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.6 17.8 26.6

