

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024440.D
 Acq On : 28 Apr 2025 17:02
 Operator : RC/JU
 Sample : Q1874-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Quant Time: Apr 28 17:25:15 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	149535	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	594970	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	394643	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	845483	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	971659	20.000	ng	-0.01
86) Perylene-d12	24.933	264	1113699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	785136	86.815	ng	0.00
7) Phenol-d6	6.905	99	989846	79.933	ng	0.00
23) Nitrobenzene-d5	8.857	82	605119	57.994	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	684479	125.360	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1518761	58.924	ng	-0.01
79) Terphenyl-d14	19.869	244	2924349	60.664	ng	0.00

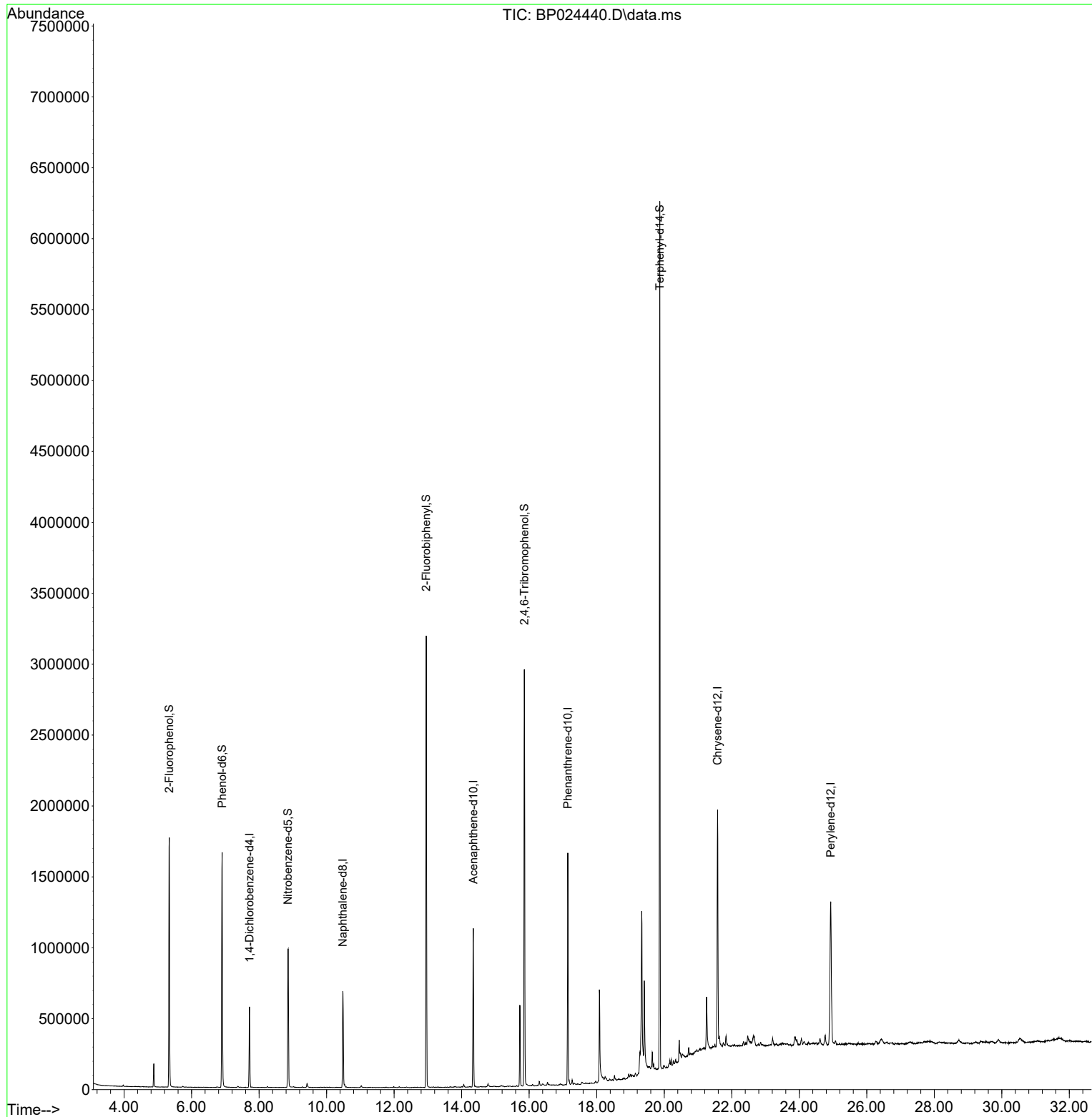
Target Compounds	Qvalue

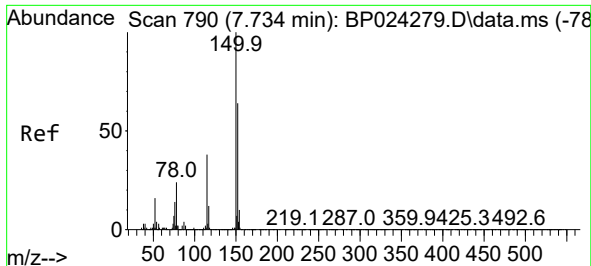
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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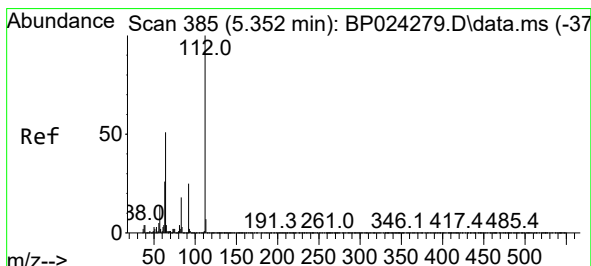
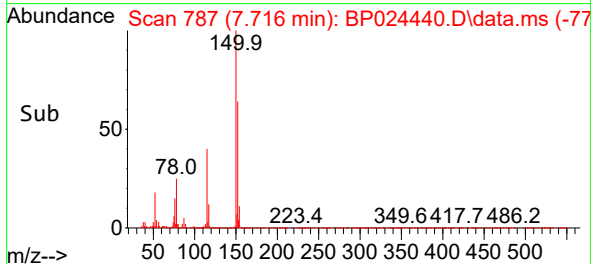
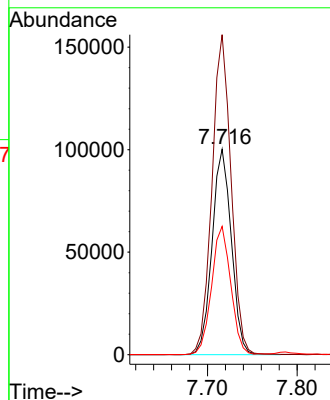
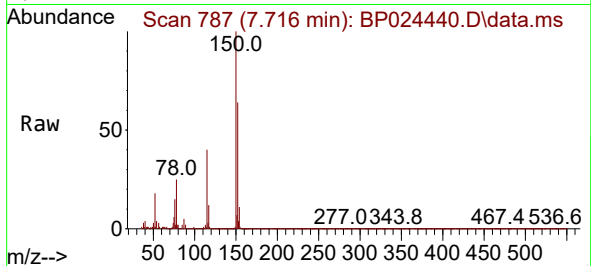




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

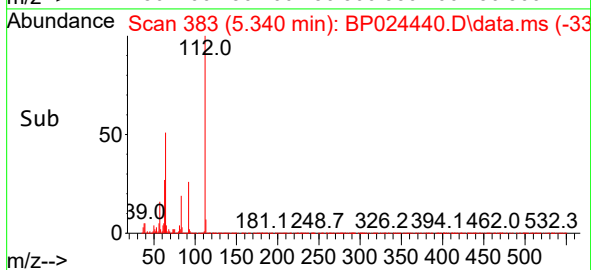
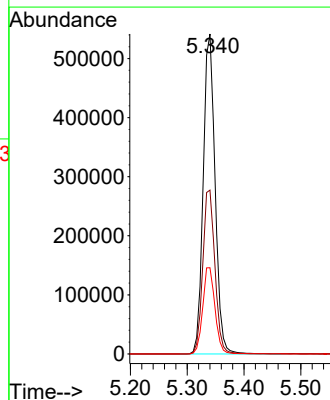
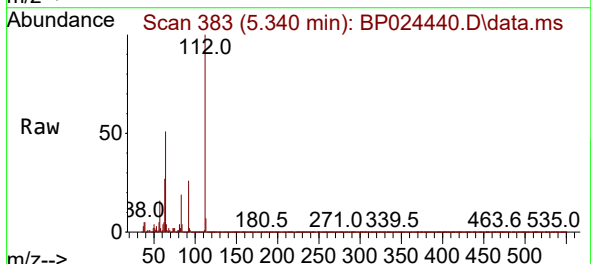
Instrument :
BNA_P
ClientSampleId :
HT3727

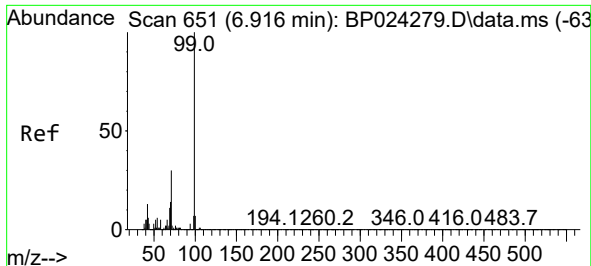
Tgt Ion:152 Resp: 149535
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 86.815 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion:112 Resp: 785136
Ion Ratio Lower Upper
112 100
64 51.2 41.1 61.7
63 26.9 20.6 30.8

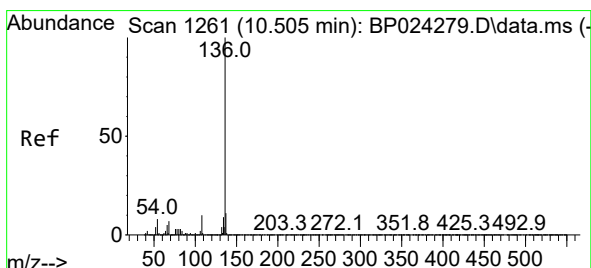
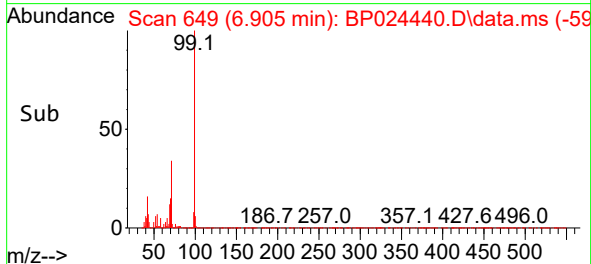
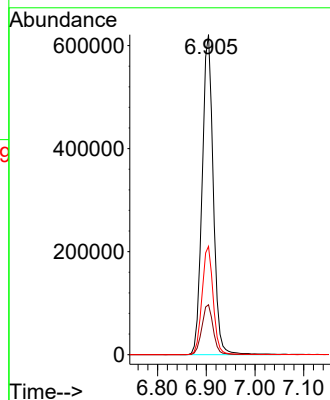
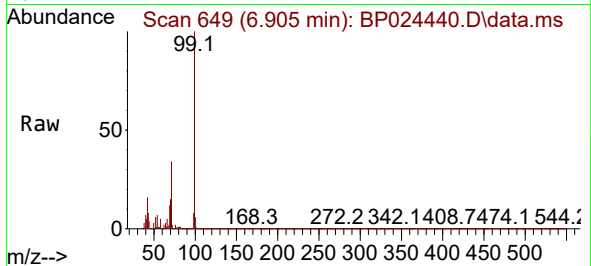




#7
Phenol-d6
Concen: 79.933 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

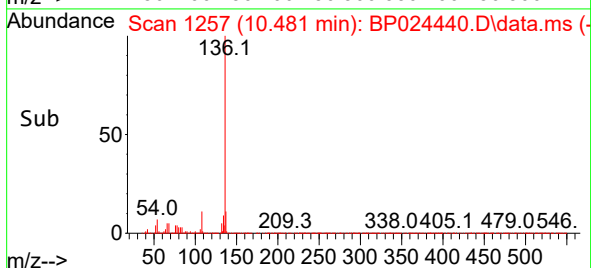
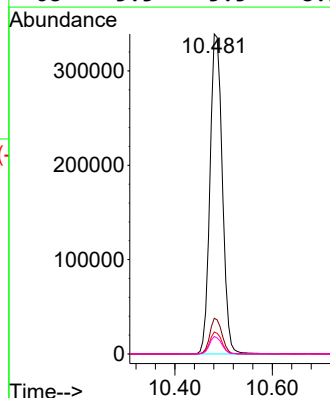
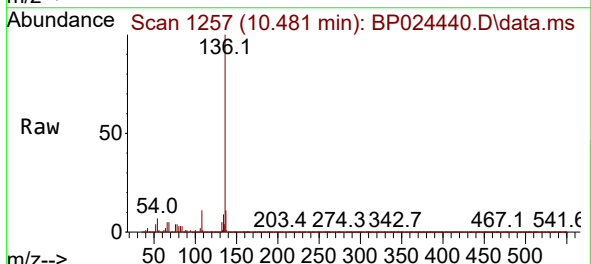
Instrument :
BNA_P
ClientSampleId :
HT3727

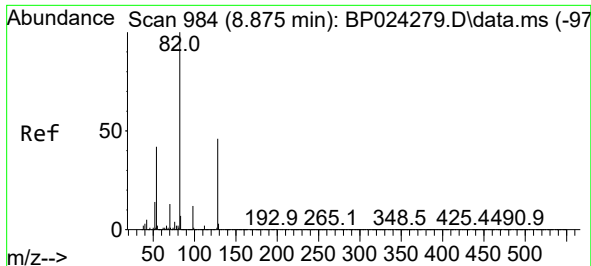
Tgt Ion: 99 Resp: 989846
Ion Ratio Lower Upper
99 100
42 15.6 10.6 16.0
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion: 136 Resp: 594970
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.9 6.0 9.0
68 5.5 5.5 8.3#

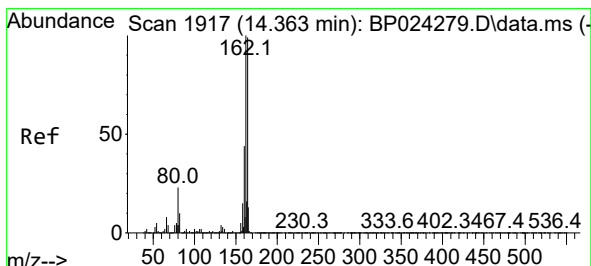
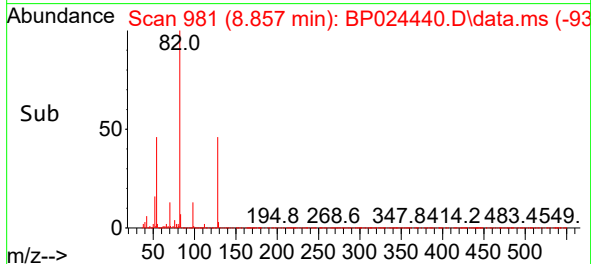
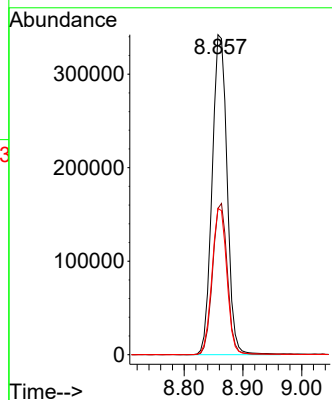
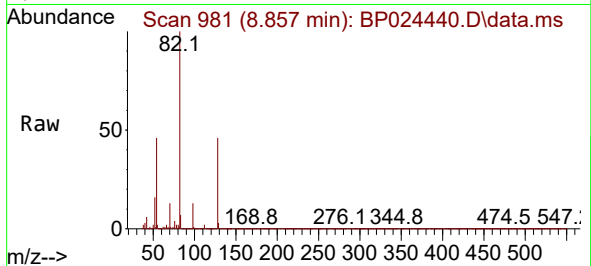




#23
Nitrobenzene-d5
Concen: 57.994 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

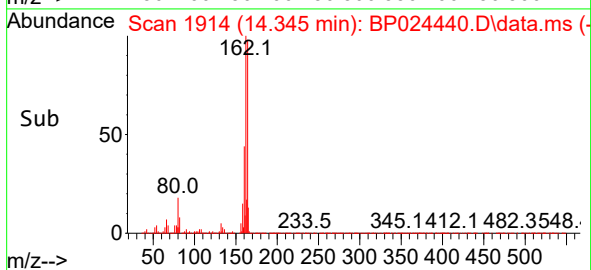
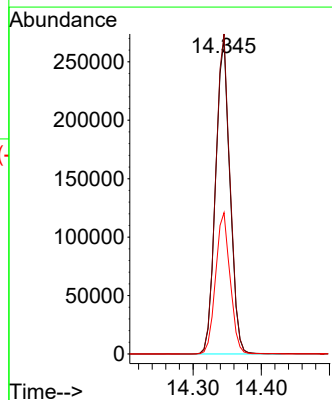
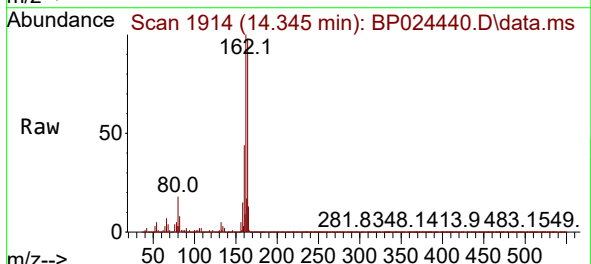
Instrument :
BNA_P
ClientSampleId :
HT3727

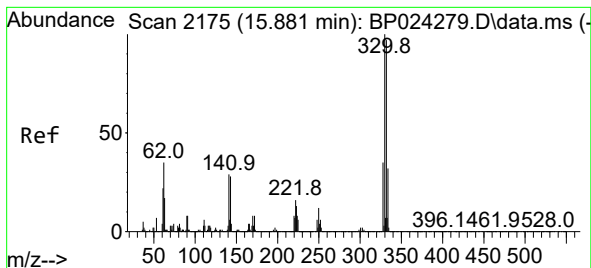
Tgt Ion: 82 Resp: 605119
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 45.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion:164 Resp: 394643
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 125.360 ng

RT: 15.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024440.D

Acq: 28 Apr 2025 17:02

Instrument :

BNA_P

ClientSampleId :

HT3727

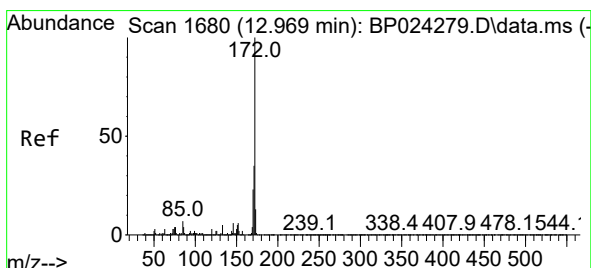
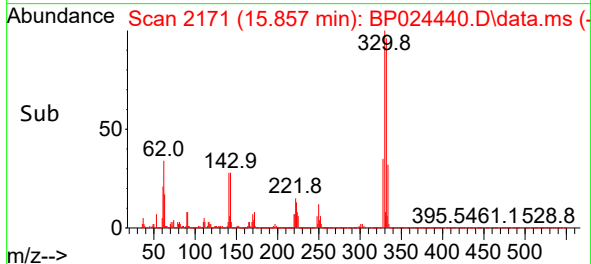
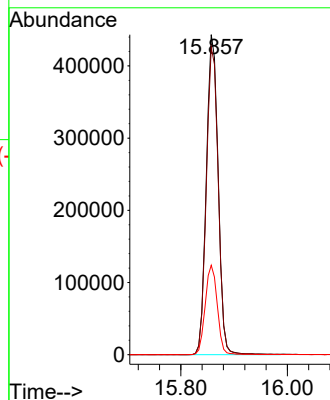
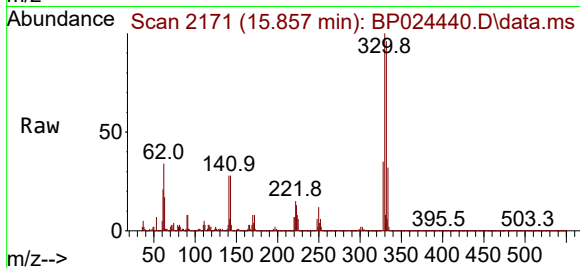
Tgt Ion:330 Resp: 684479

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 58.924 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024440.D

Acq: 28 Apr 2025 17:02

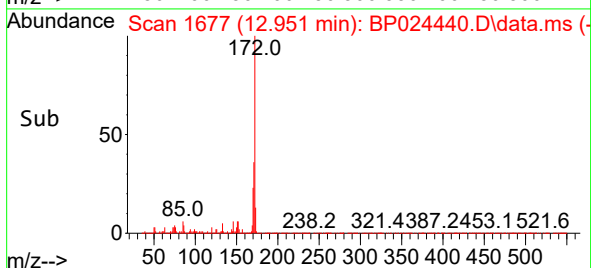
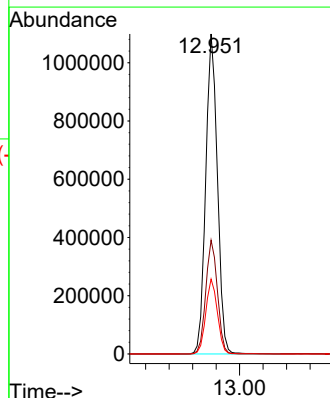
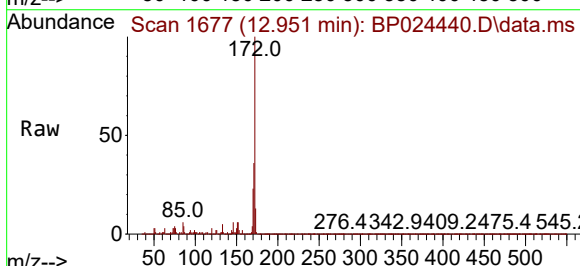
Tgt Ion:172 Resp: 1518761

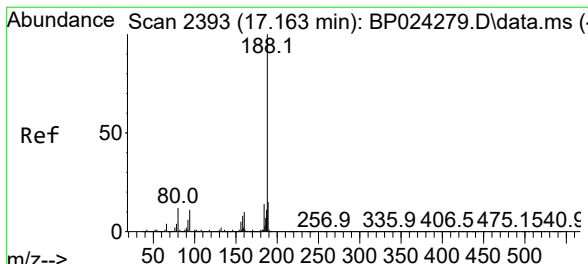
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.6 27.8



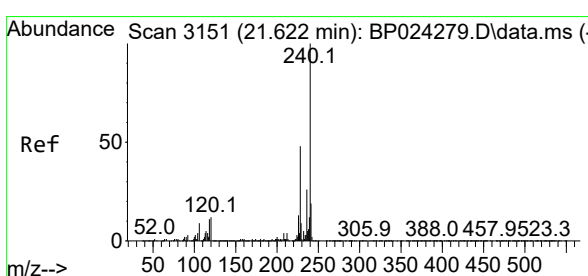
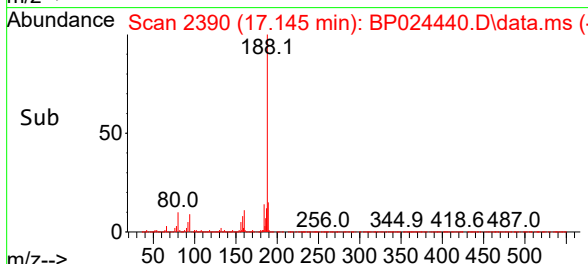
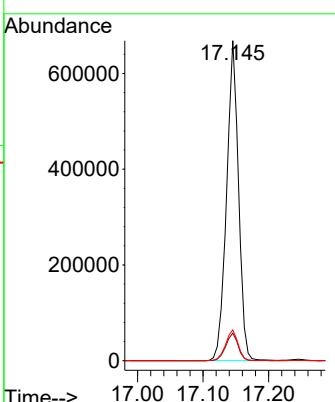
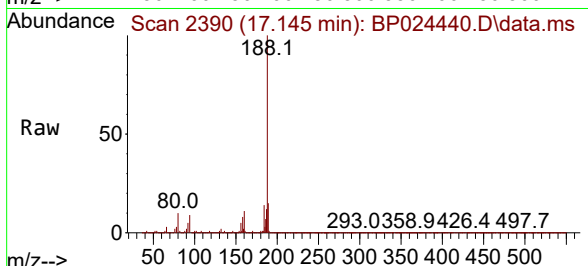


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024440.D
 Acq: 28 Apr 2025 17:02

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Tgt Ion:188 Resp: 845483

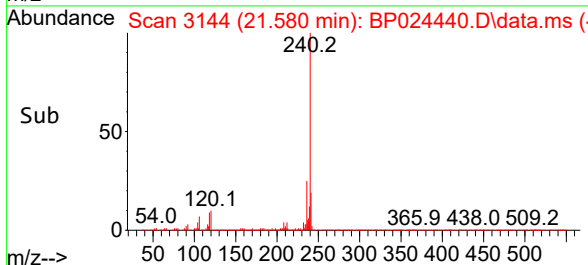
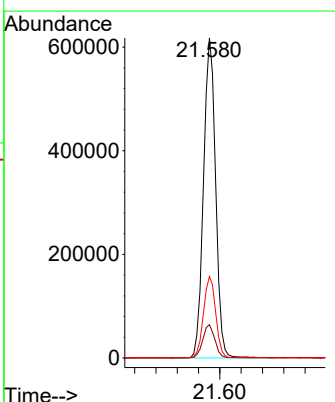
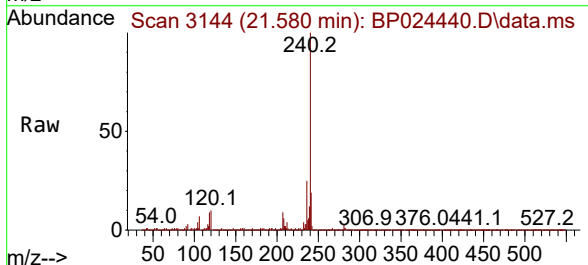
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.6	13.0#
80	9.7	9.8	14.6#

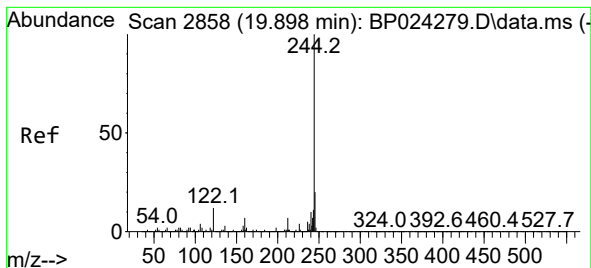


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.580 min Scan# 3144
 Delta R.T. -0.012 min
 Lab File: BP024440.D
 Acq: 28 Apr 2025 17:02

Tgt Ion:240 Resp: 971659

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.8	14.8
236	25.4	20.9	31.3





#79

Terphenyl-d14

Concen: 60.664 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024440.D

Acq: 28 Apr 2025 17:02

Instrument :

BNA_P

ClientSampleId :

HT3727

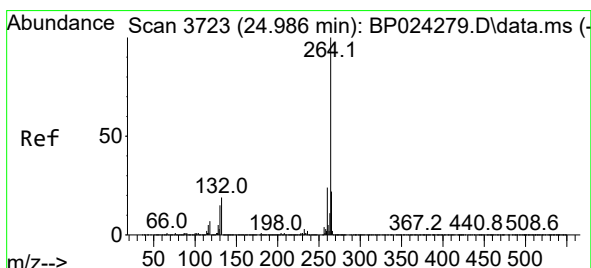
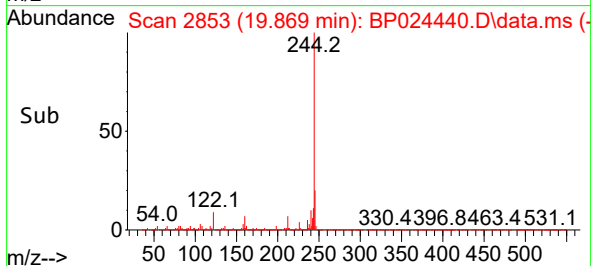
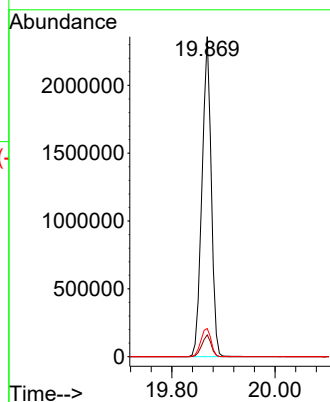
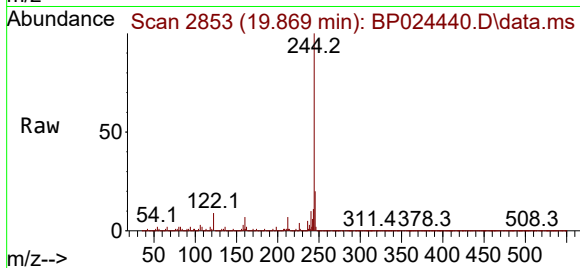
Tgt Ion:244 Resp: 2924349

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 8.8 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024440.D

Acq: 28 Apr 2025 17:02

Tgt Ion:264 Resp: 1113699

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.6 17.8 26.6

