

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024439.D
 Acq On : 28 Apr 2025 16:21
 Operator : RC/JU
 Sample : Q1874-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT1491

Quant Time: Apr 28 17:05:34 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)

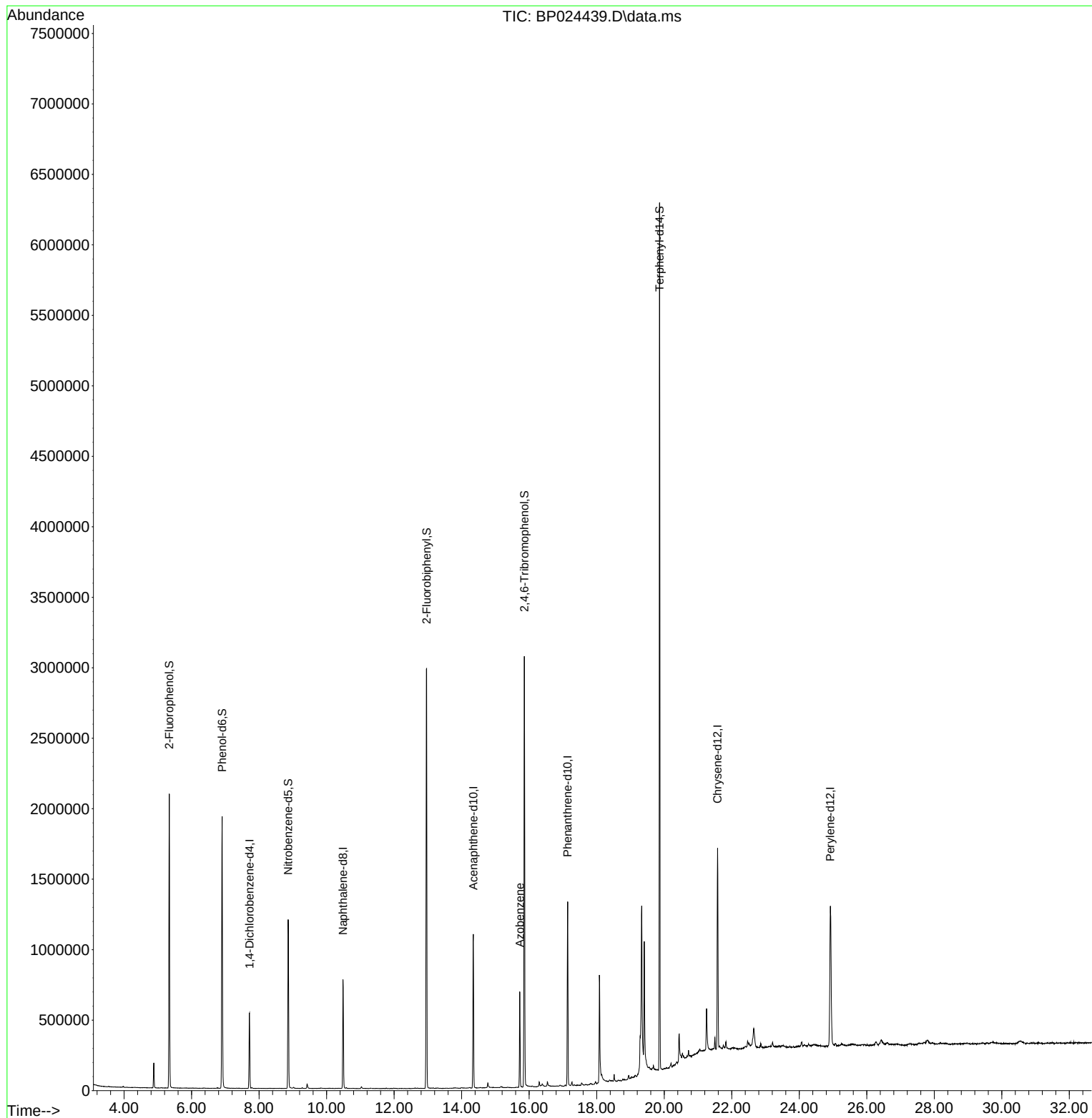
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	149412	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	604024	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	386182	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	787472	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	888066	20.000	ng	-0.01
86) Perylene-d12	24.921	264	1072917	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	897631	99.336	ng	0.00
7) Phenol-d6	6.905	99	1146868	92.689	ng	0.00
23) Nitrobenzene-d5	8.863	82	690432	65.178	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	684087	128.033	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1641121	65.066	ng	0.00
79) Terphenyl-d14	19.863	244	2775596	62.998	ng	-0.01
Target Compounds						
63) Azobenzene	15.722	77	170290	6.402	ng	Qvalue # 1

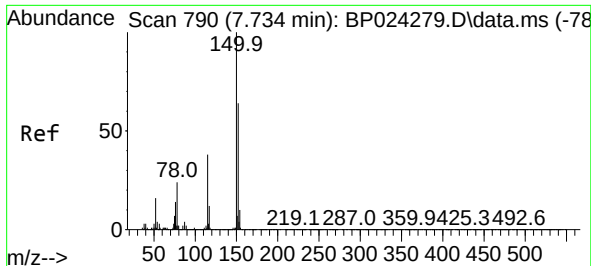
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024439.D
Acq On : 28 Apr 2025 16:21
Operator : RC/JU
Sample : Q1874-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT1491

Quant Time: Apr 28 17:05:34 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

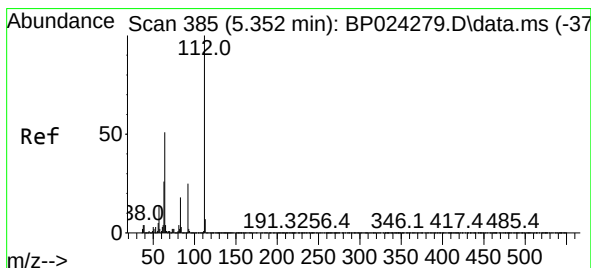
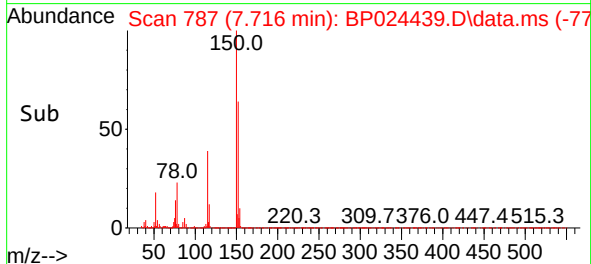
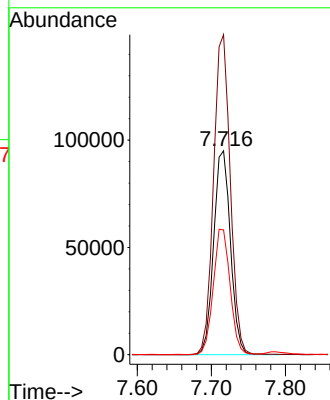
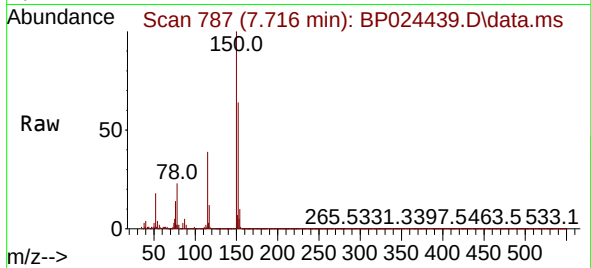




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

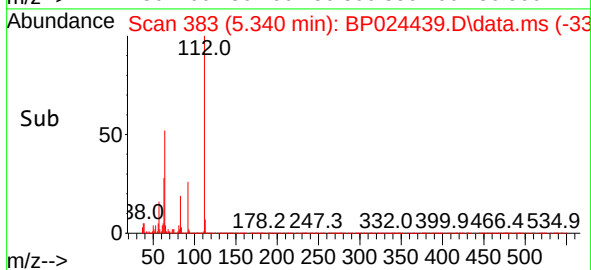
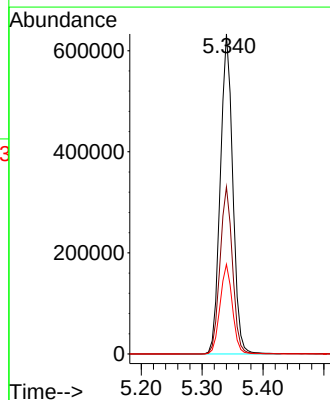
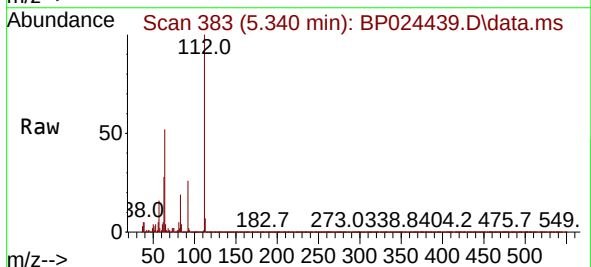
Instrument :
BNA_P
ClientSampleId :
RT1491

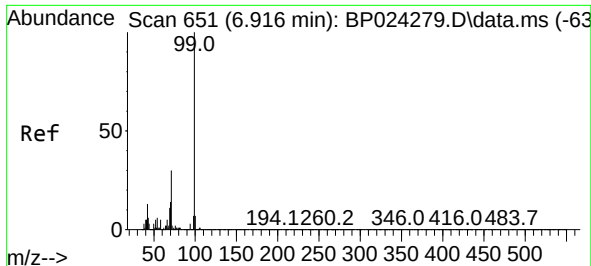
Tgt Ion:152 Resp: 149412
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 61.2 47.7 71.5



#5
2-Fluorophenol
Concen: 99.336 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Tgt Ion:112 Resp: 897631
Ion Ratio Lower Upper
112 100
64 52.2 41.1 61.7
63 28.0 20.6 30.8



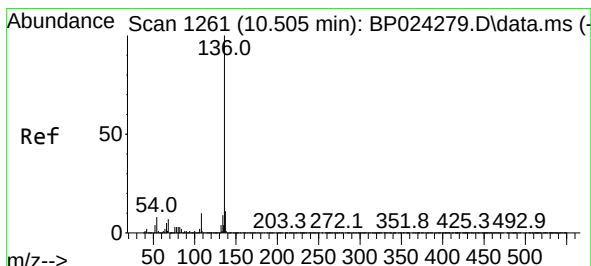
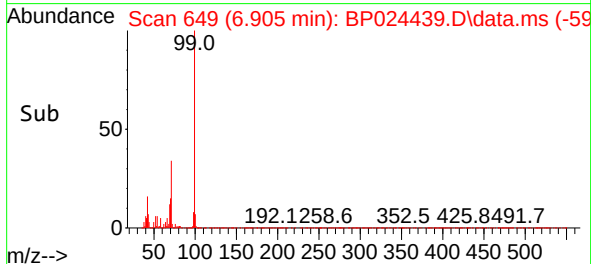
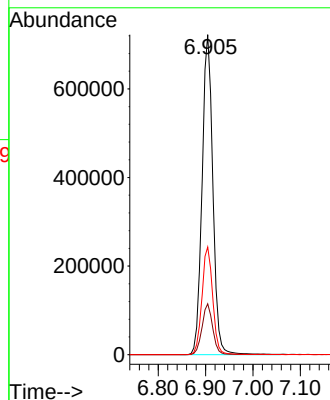
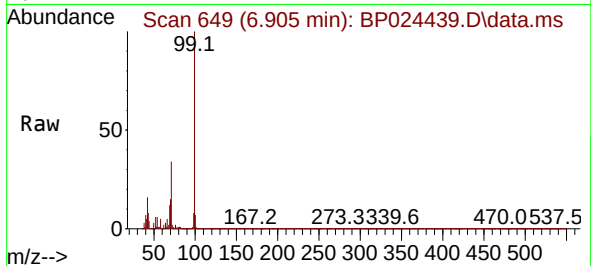


#7
Phenol-d6
Concen: 92.689 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Instrument :
BNA_P
ClientSampleId :
RT1491

Tgt Ion: 99 Resp: 1146868

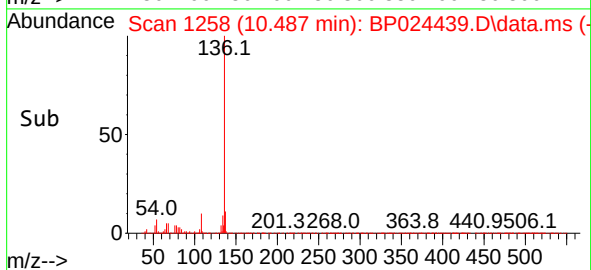
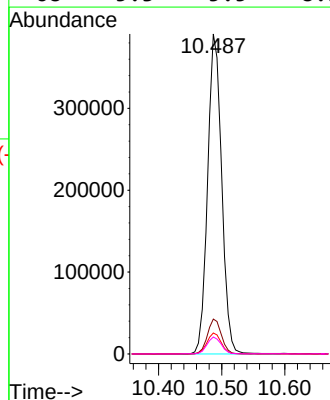
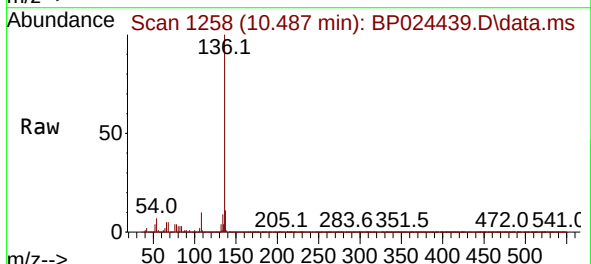
Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.6	16.0
71	33.6	23.7	35.5

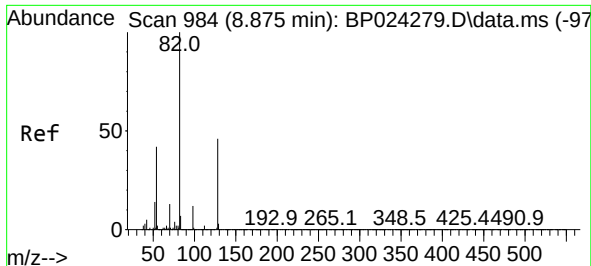


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Tgt Ion: 136 Resp: 604024

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.5	6.0	9.0
68	5.3	5.5	8.3

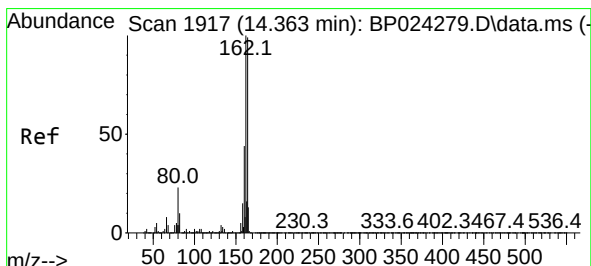
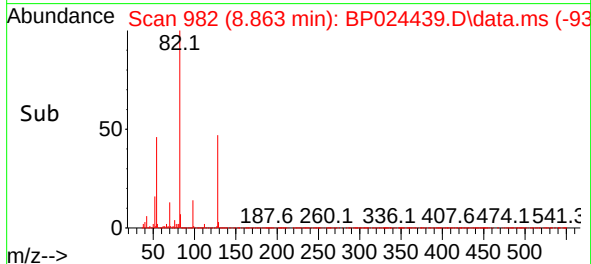
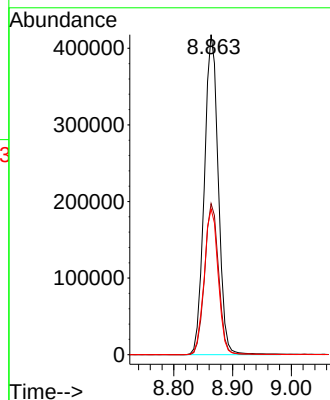
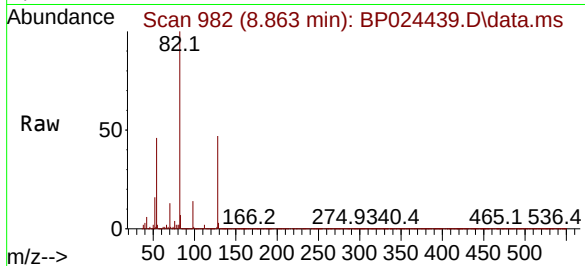




#23
Nitrobenzene-d5
Concen: 65.178 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

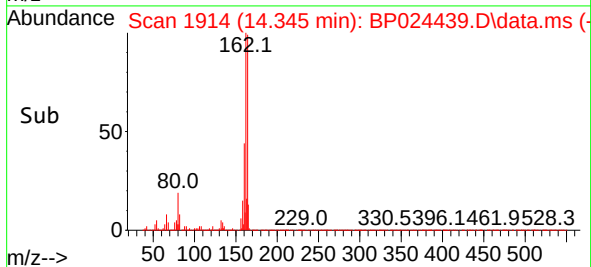
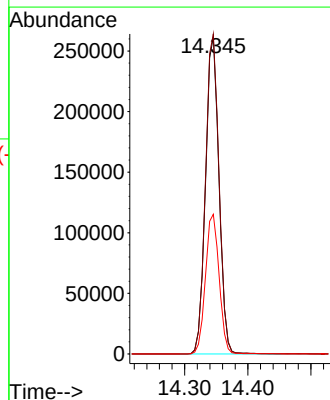
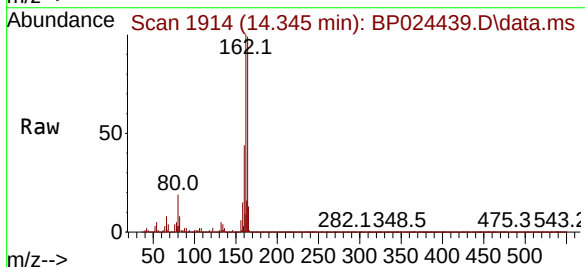
Instrument :
BNA_P
ClientSampleId :
RT1491

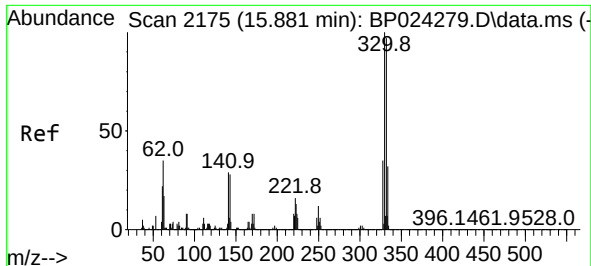
Tgt Ion: 82 Resp: 690432
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Tgt Ion: 164 Resp: 386182
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.1 35.3 52.9

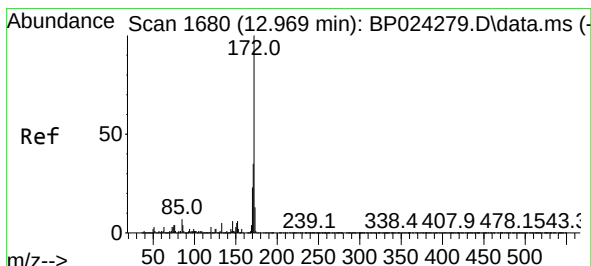
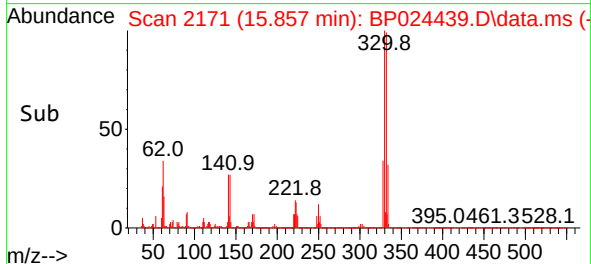
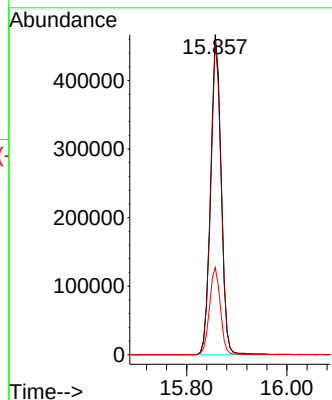
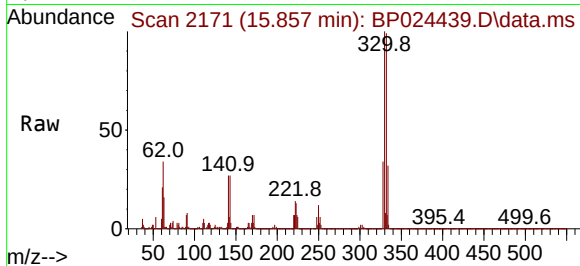




#42
2,4,6-Tribromophenol
Concen: 128.033 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

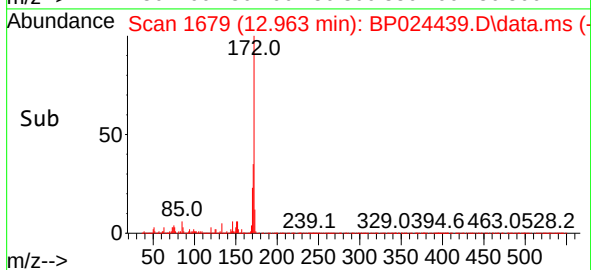
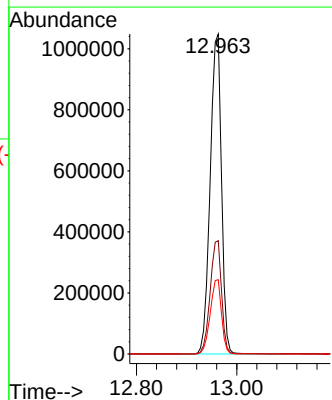
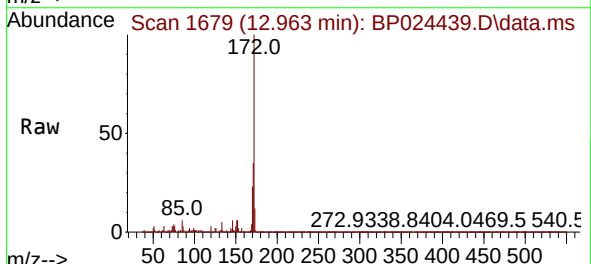
Instrument :
BNA_P
ClientSampleId :
RT1491

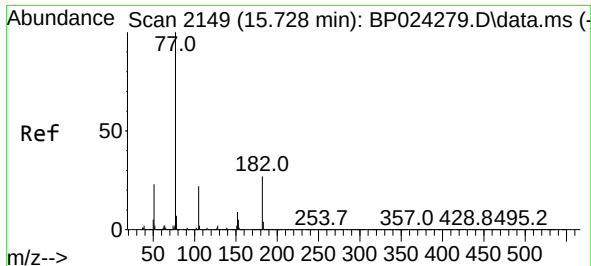
Tgt Ion: 330 Resp: 684087
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 28.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 65.066 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Tgt Ion: 172 Resp: 1641121
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 18.6 27.8

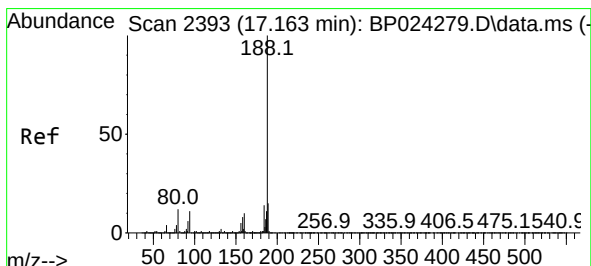
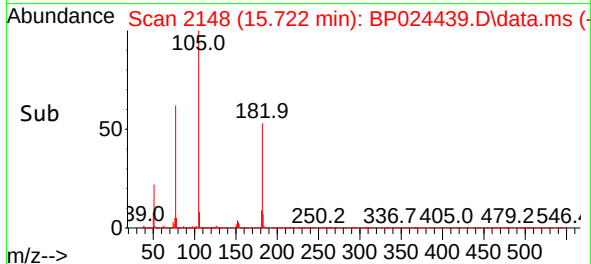
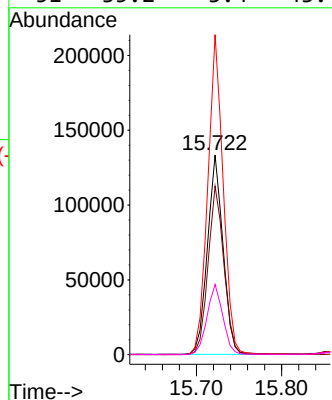
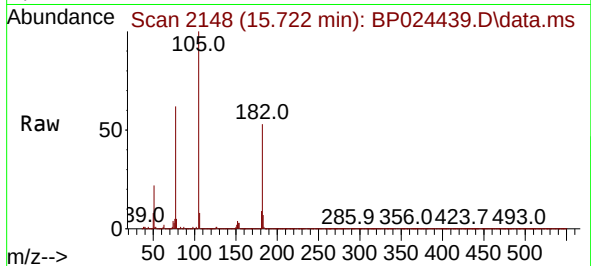




#63
Azobenzene
Concen: 6.402 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

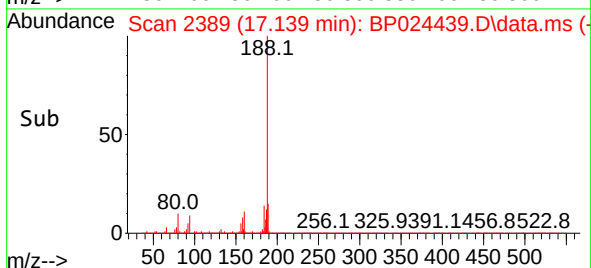
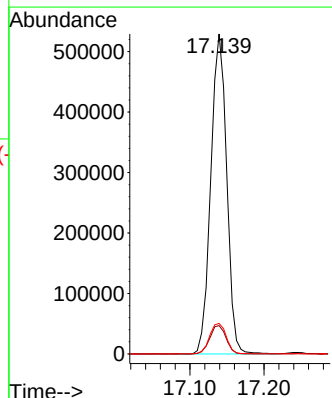
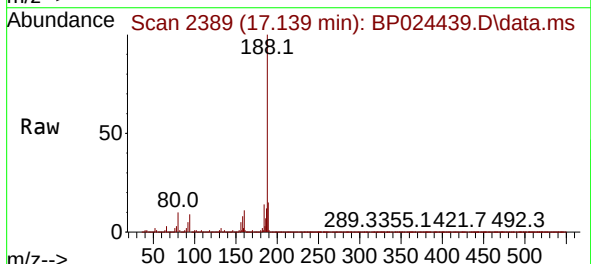
Instrument :
BNA_P
ClientSampleId :
RT1491

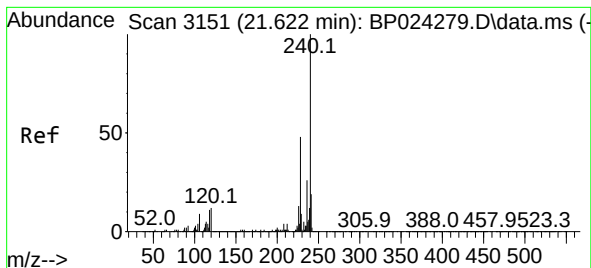
Tgt Ion: 77 Resp: 170290
Ion Ratio Lower Upper
77 100
182 84.4 7.3 47.3#
105 160.3 2.3 42.3#
51 35.2 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024439.D
Acq: 28 Apr 2025 16:21

Tgt Ion: 188 Resp: 787472
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 9.6 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024439.D

Acq: 28 Apr 2025 16:21

Instrument :

BNA_P

ClientSampleId :

RT1491

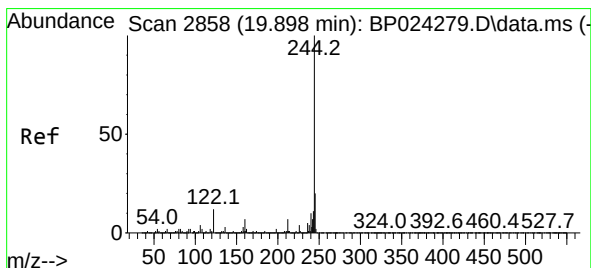
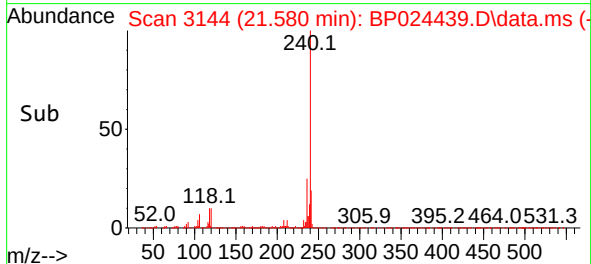
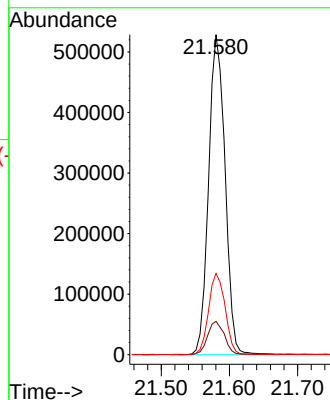
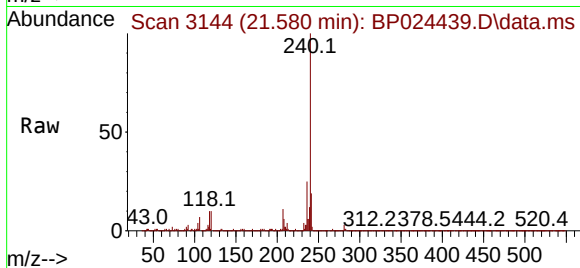
Tgt Ion:240 Resp: 888066

Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 62.998 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024439.D

Acq: 28 Apr 2025 16:21

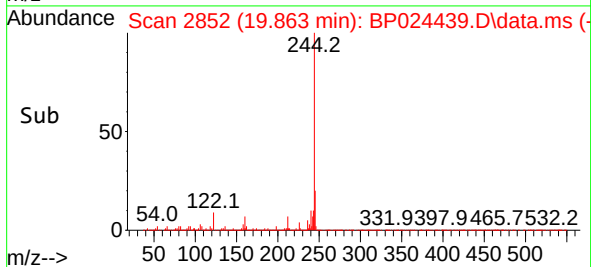
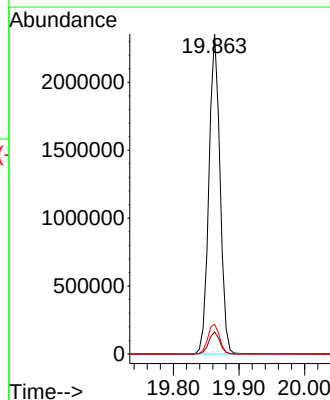
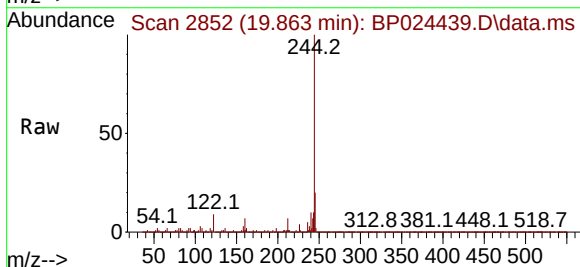
Tgt Ion:244 Resp: 2775596

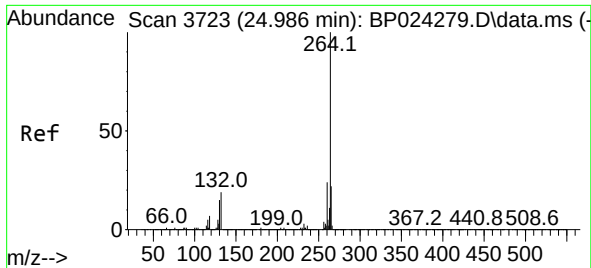
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.3 9.4 14.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP024439.D
 Acq: 28 Apr 2025 16:21

Instrument :
 BNA_P
 ClientSampleId :
 RT1491

Tgt Ion:264 Resp: 1072917
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.3 17.8 26.6

