

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024427.D
 Acq On : 25 Apr 2025 17:51
 Operator : RC/JU
 Sample : Q1867-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-F

Quant Time: Apr 25 18:18:40 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)

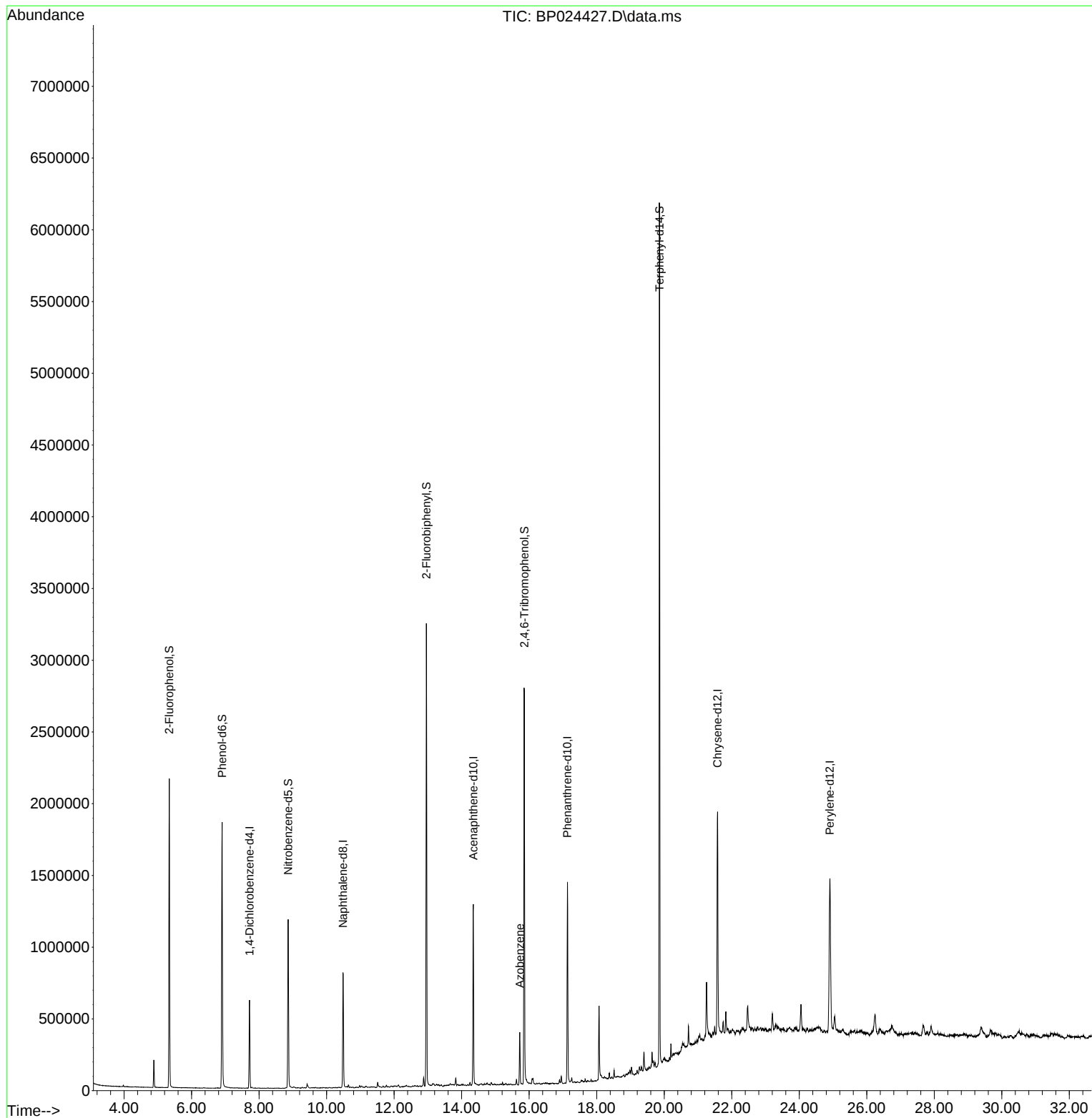
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	168700	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	691897	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	431230	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	873074	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1039071	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1249210	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	932305	91.377	ng	0.00
7) Phenol-d6	6.905	99	1178728	84.372	ng	0.00
23) Nitrobenzene-d5	8.863	82	714642	58.896	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	622613	104.355	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1639483	58.211	ng	0.00
79) Terphenyl-d14	19.863	244	3056155	59.285	ng	-0.01
Target Compounds						
63) Azobenzene	15.722	77	105646	3.557	ng	Qvalue # 1

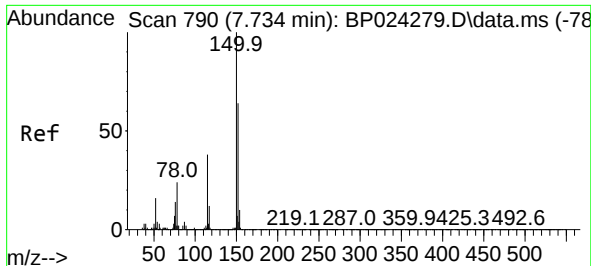
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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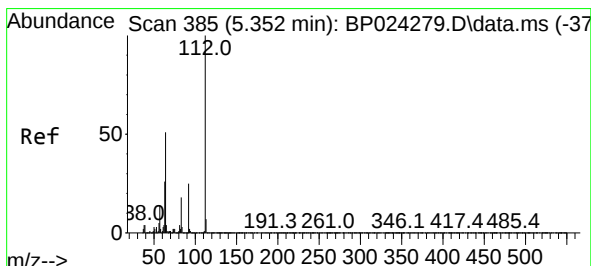
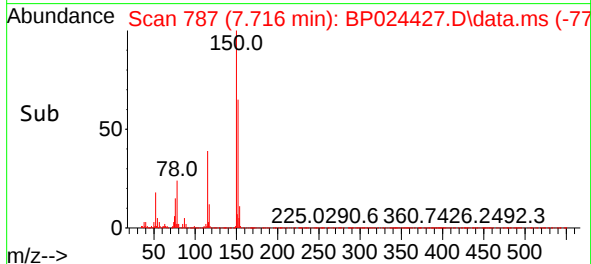
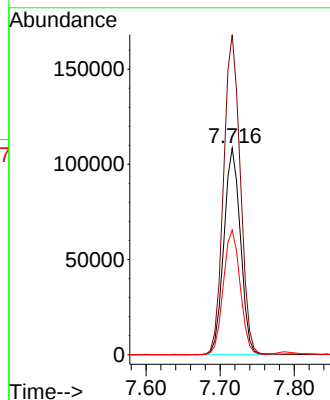
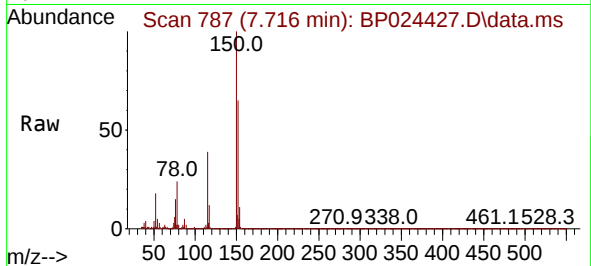




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

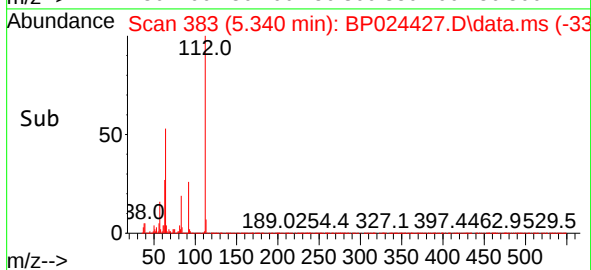
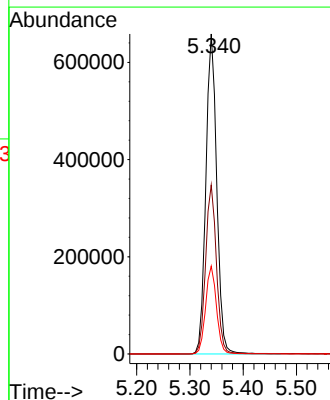
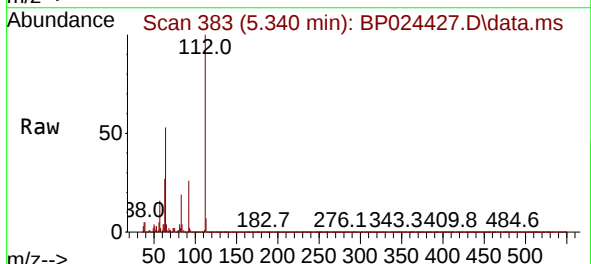
Instrument :
BNA_P
ClientSampleId :
MH-F

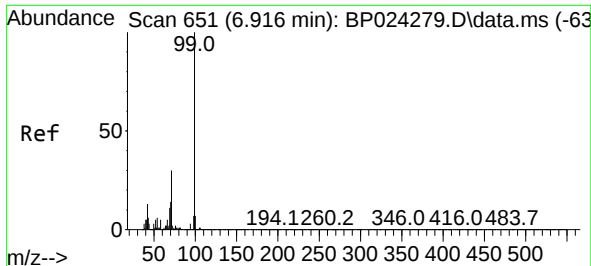
Tgt Ion:152 Resp: 168700
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 60.3 47.7 71.5



#5
2-Fluorophenol
Concen: 91.377 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Tgt Ion:112 Resp: 932305
Ion Ratio Lower Upper
112 100
64 52.8 41.1 61.7
63 27.5 20.6 30.8



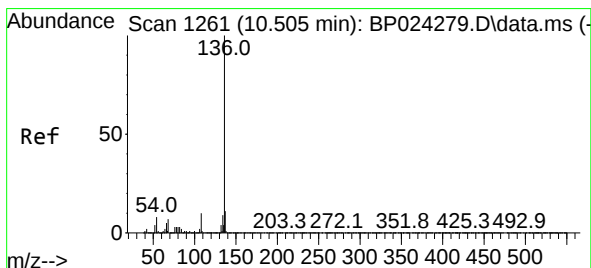
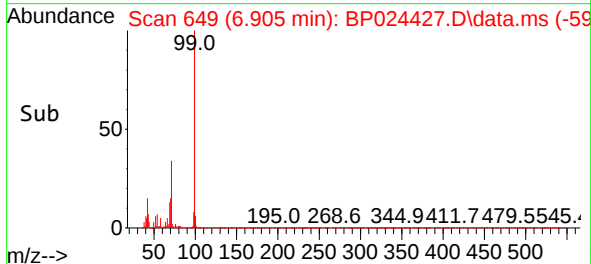
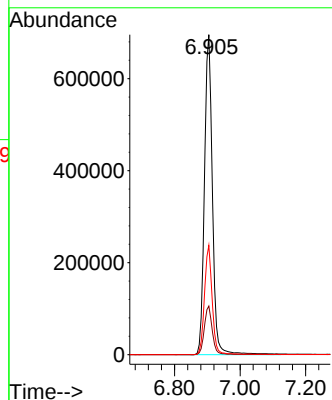
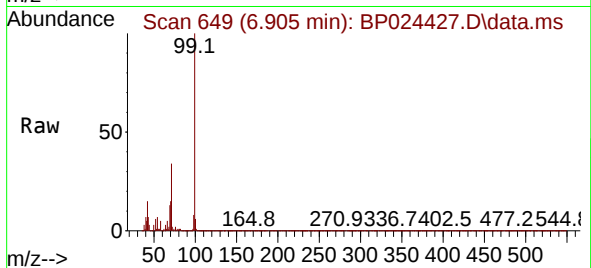


#7
Phenol-d6
Concen: 84.372 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Instrument :
BNA_P
ClientSampleId :
MH-F

Tgt Ion: 99 Resp: 1178728

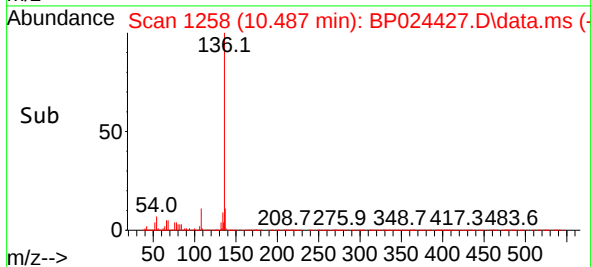
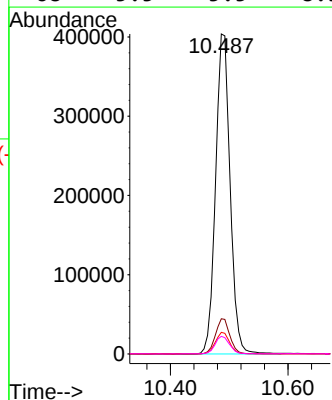
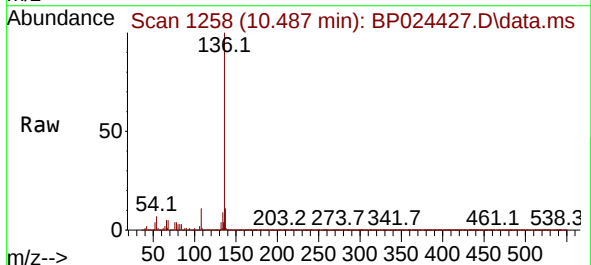
Ion	Ratio	Lower	Upper
99	100		
42	15.2	10.6	16.0
71	34.2	23.7	35.5

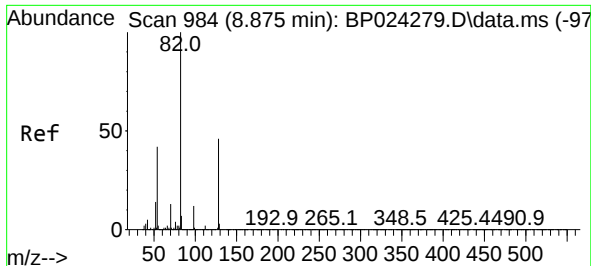


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Tgt Ion: 136 Resp: 691897

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	6.0	9.0
68	5.5	5.5	8.3

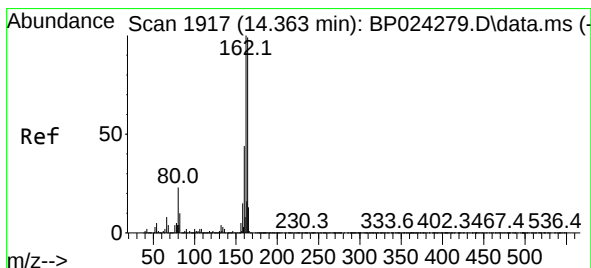
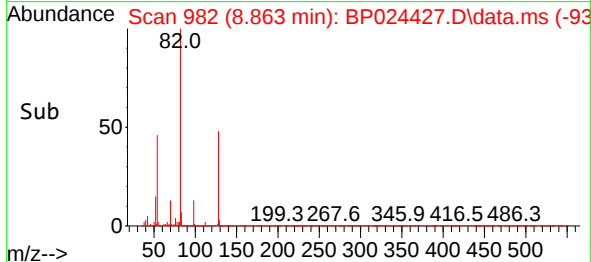
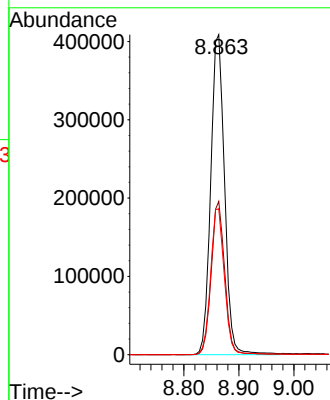
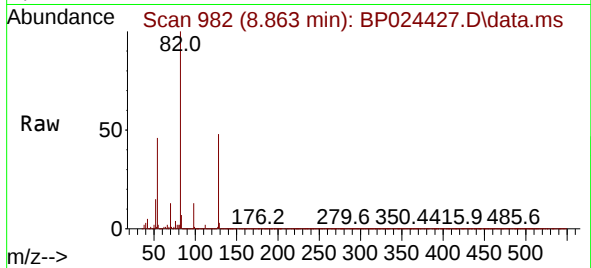




#23
Nitrobenzene-d5
Concen: 58.896 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

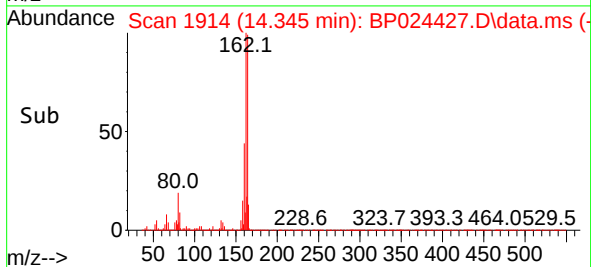
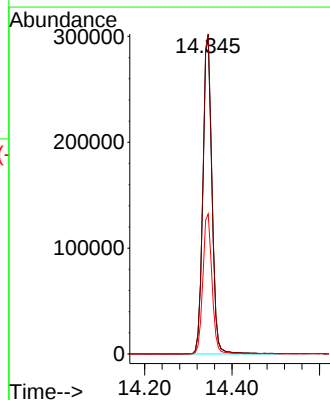
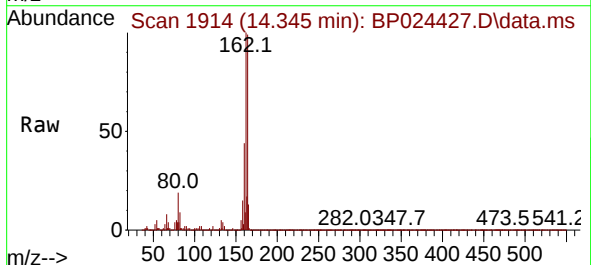
Instrument :
BNA_P
ClientSampleId :
MH-F

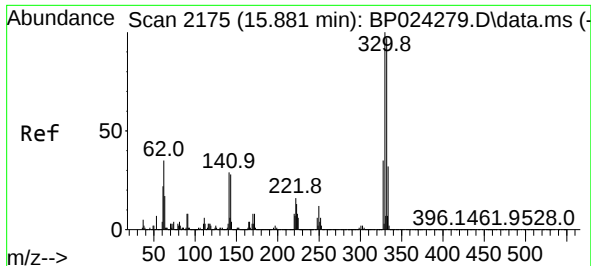
Tgt Ion: 82 Resp: 714642
Ion Ratio Lower Upper
82 100
128 47.9 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Tgt Ion: 164 Resp: 431230
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.3 35.3 52.9

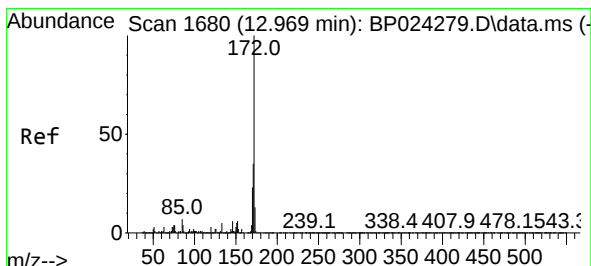
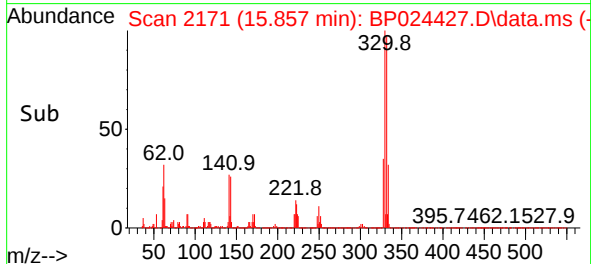
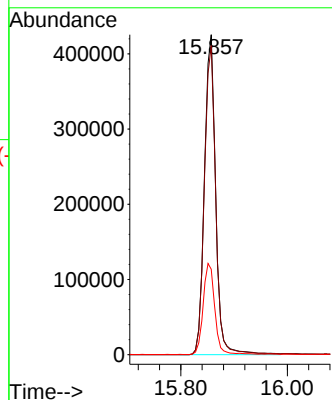
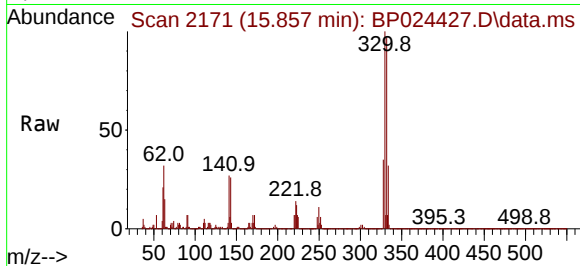




#42
2,4,6-Tribromophenol
Concen: 104.355 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

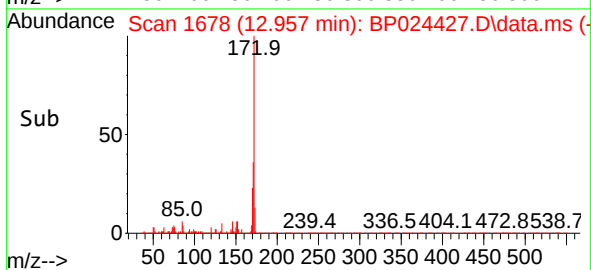
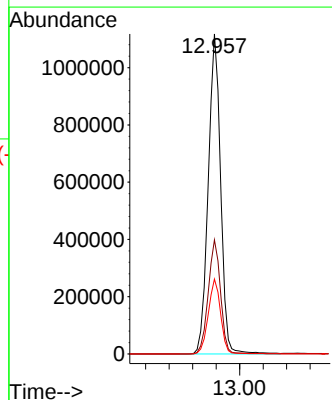
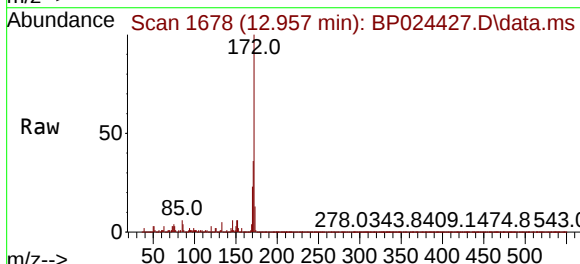
Instrument :
BNA_P
ClientSampleId :
MH-F

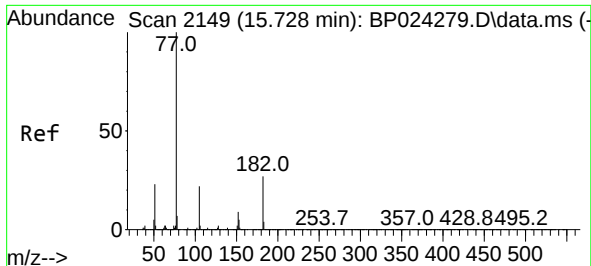
Tgt Ion:330 Resp: 622613
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 29.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 58.211 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Tgt Ion:172 Resp: 1639483
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.4 18.6 27.8

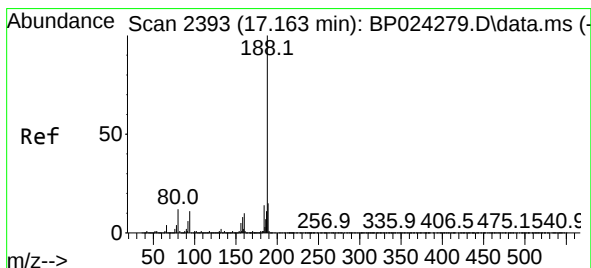
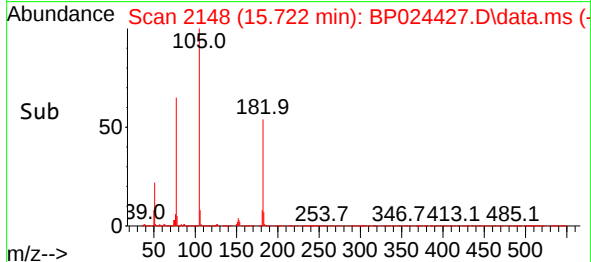
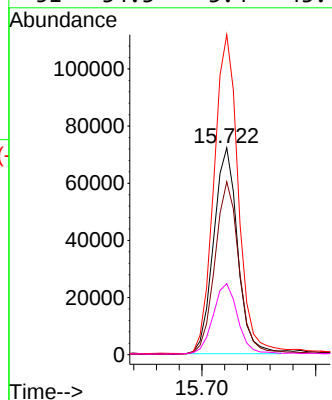
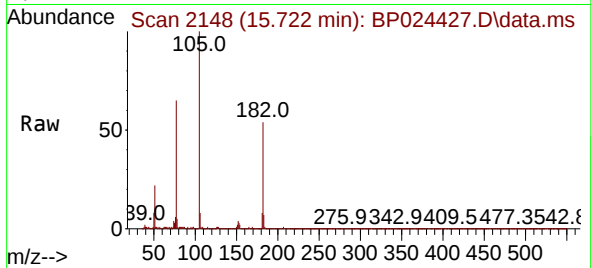




#63
Azobenzene
Concen: 3.557 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

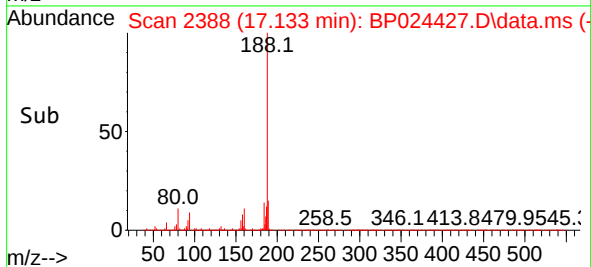
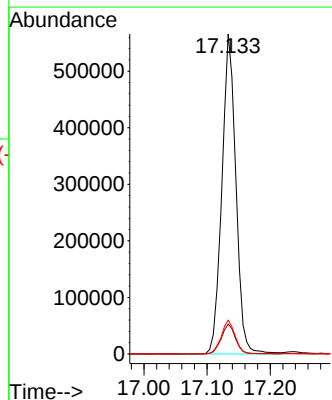
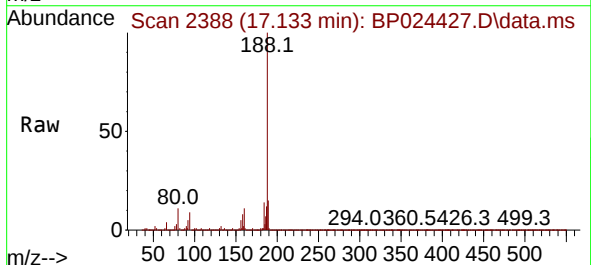
Instrument :
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ClientSampleId :
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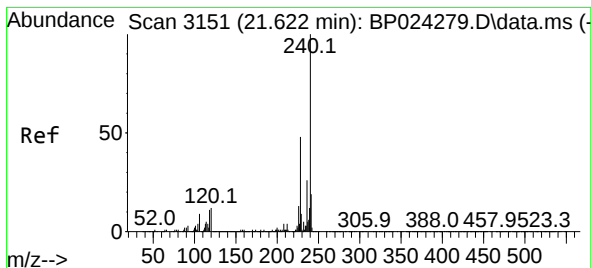
Tgt Ion: 77	Resp: 105646
Ion Ratio	Lower Upper
77	100
182	83.6 7.3 47.3#
105	154.6 2.3 42.3#
51	34.3 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024427.D
Acq: 25 Apr 2025 17:51

Tgt Ion: 188	Resp: 873074
Ion Ratio	Lower Upper
188	100
94	9.3 8.6 13.0
80	10.5 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: BP024427.D

Acq: 25 Apr 2025 17:51

Instrument :

BNA_P

ClientSampleId :

MH-F

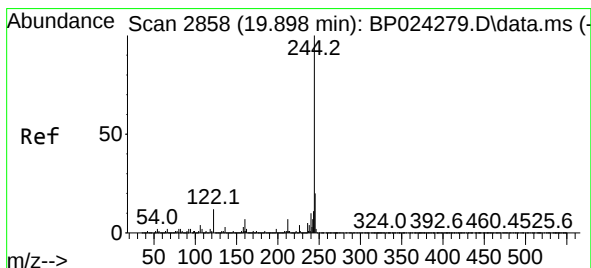
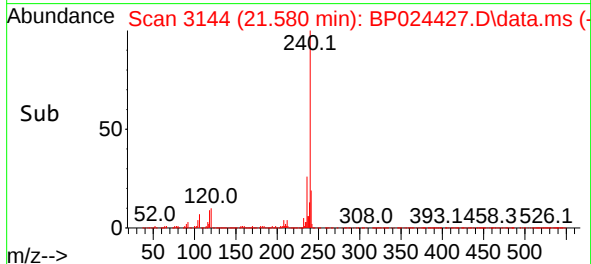
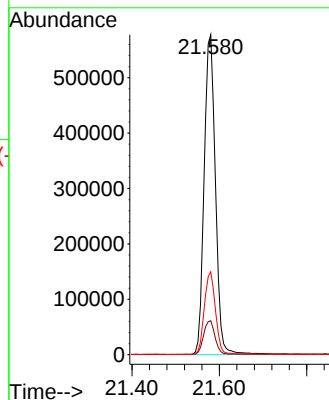
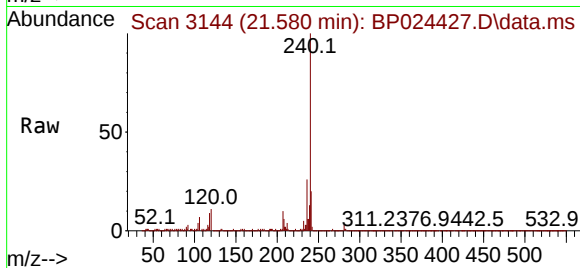
Tgt Ion:240 Resp: 1039071

Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 59.285 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024427.D

Acq: 25 Apr 2025 17:51

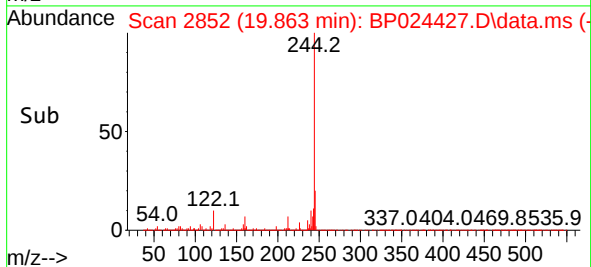
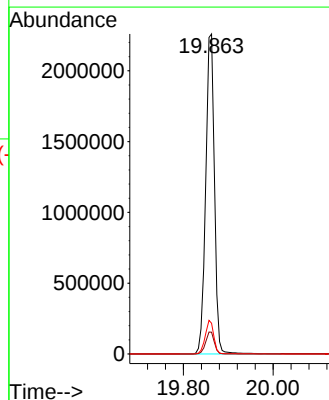
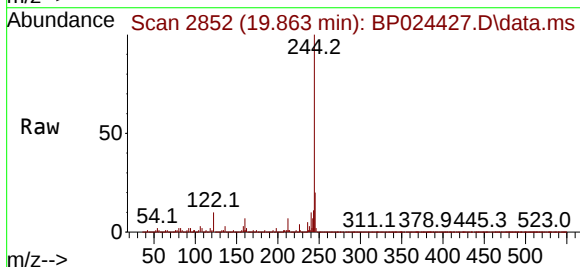
Tgt Ion:244 Resp: 3056155

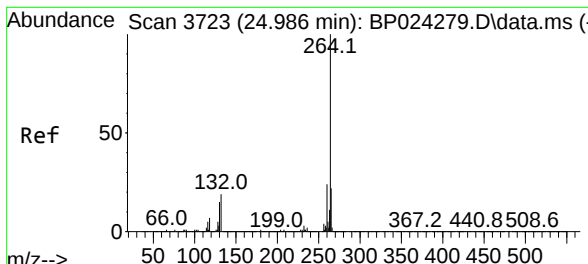
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

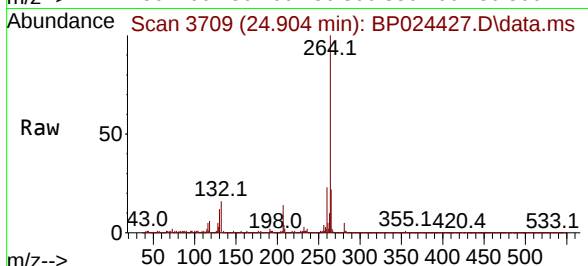
122 9.6 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.904 min Scan# 31
 Delta R.T. -0.029 min
 Lab File: BP024427.D
 Acq: 25 Apr 2025 17:51

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 1249210

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.0	17.8	26.6

