

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024287.D
 Acq On : 15 Apr 2025 09:56
 Operator : RC/JU
 Sample : PB167571BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167571BL

Quant Time: Apr 15 12:31:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	229260	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	905347	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	536908	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1042981	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1126939	20.000	ng	0.00
86) Perylene-d12	24.986	264	1276568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1904560	137.360	ng	0.00
7) Phenol-d6	6.911	99	2368146	124.733	ng	0.00
23) Nitrobenzene-d5	8.875	82	1444088	90.953	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	936172	126.026	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3072217	87.611	ng	-0.01
79) Terphenyl-d14	19.910	244	4854318	86.824	ng	-0.01

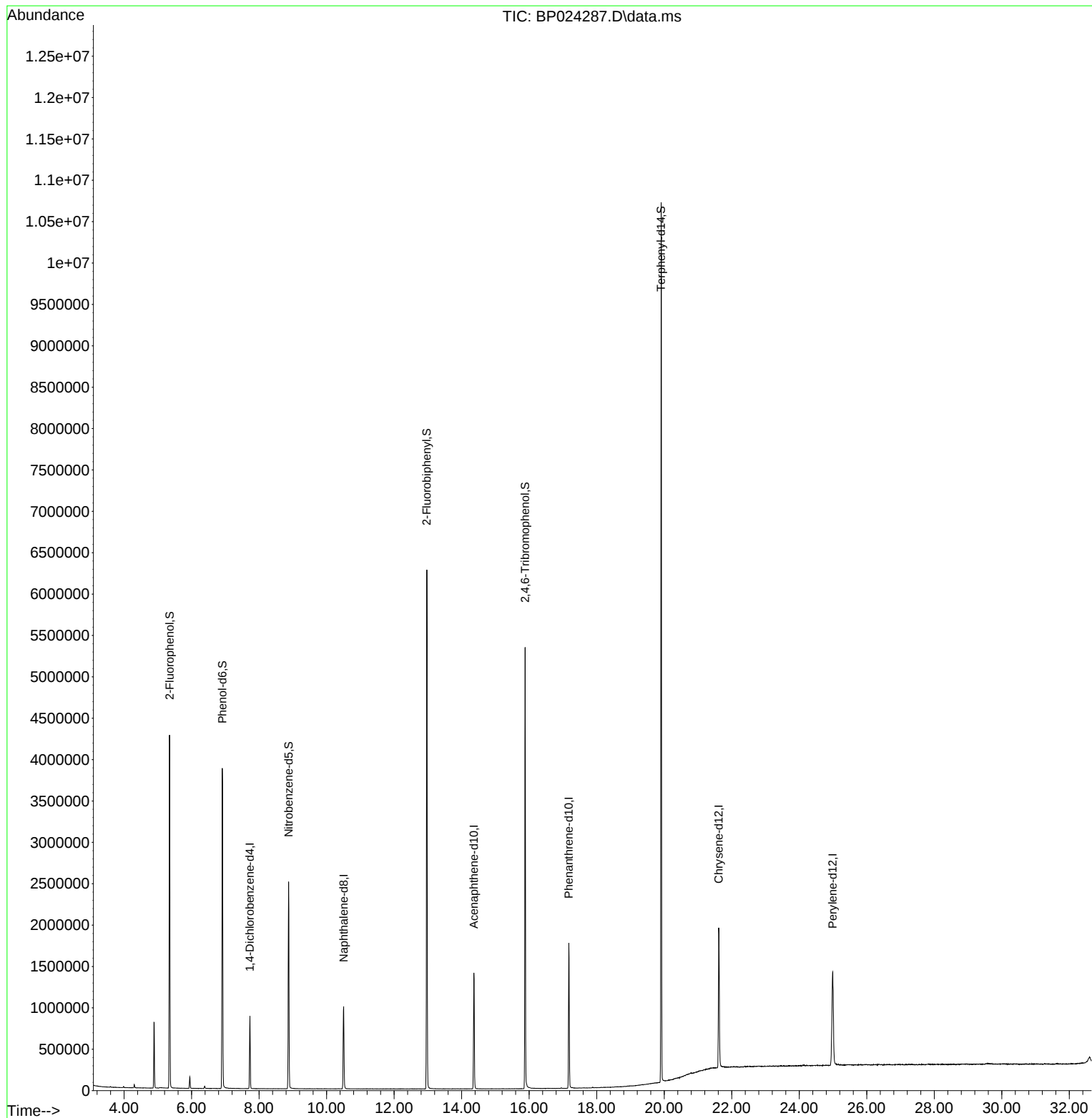
Target Compounds	Qvalue

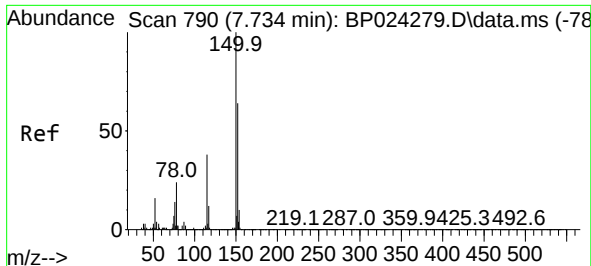
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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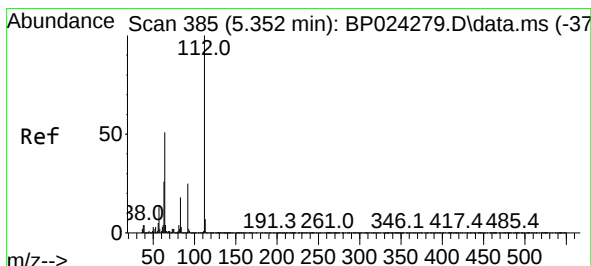
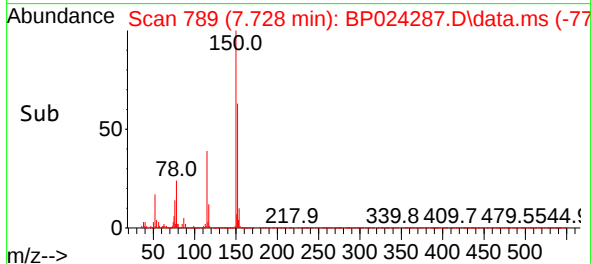
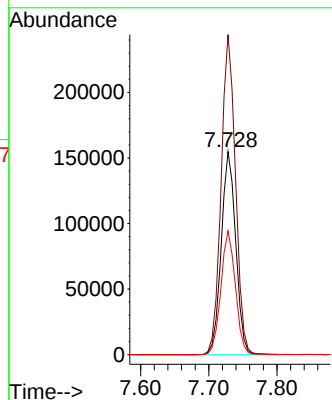
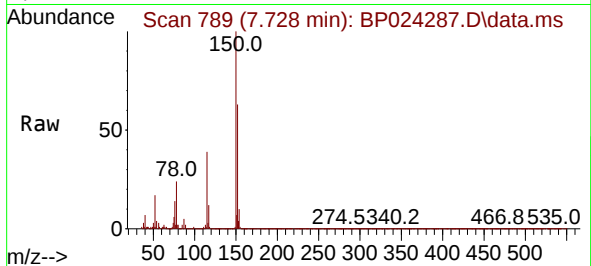




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

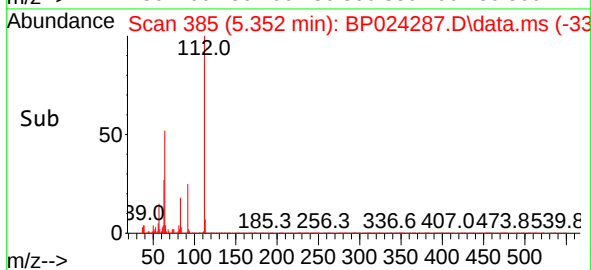
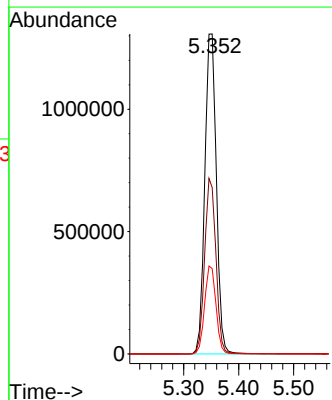
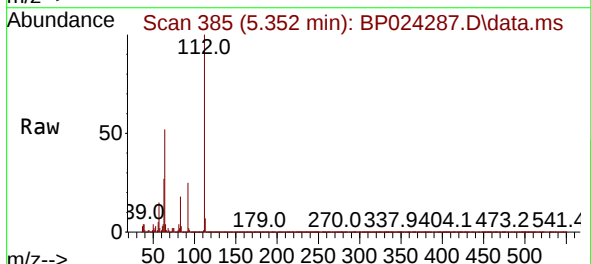
Instrument :
BNA_P
ClientSampleId :
PB167571BL

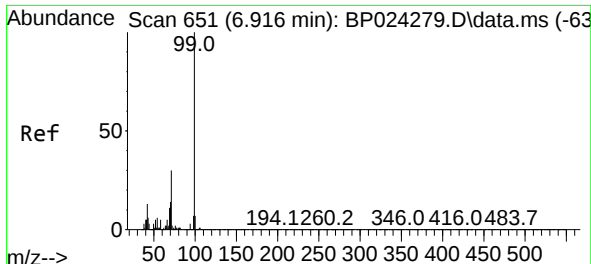
Tgt Ion:152 Resp: 229260
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 61.0 47.7 71.5



#5
2-Fluorophenol
Concen: 137.360 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

Tgt Ion:112 Resp: 1904560
Ion Ratio Lower Upper
112 100
64 52.0 41.1 61.7
63 26.7 20.6 30.8

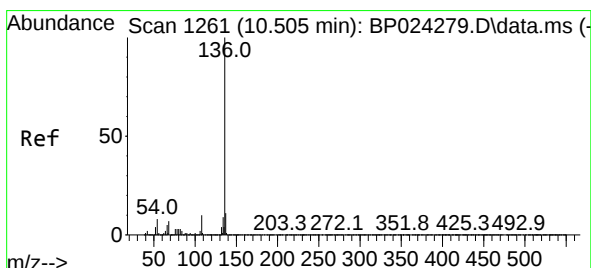
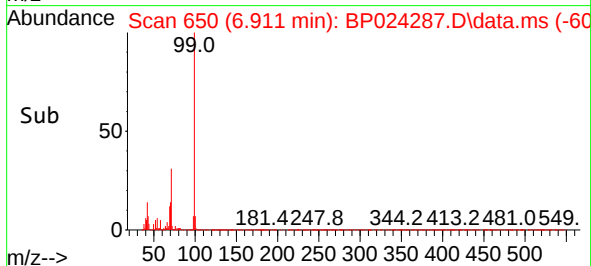
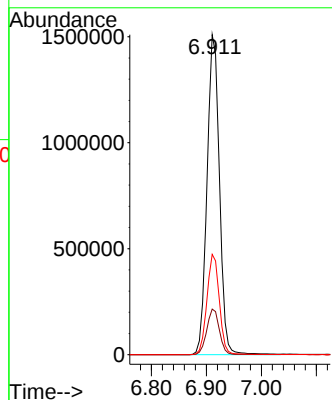
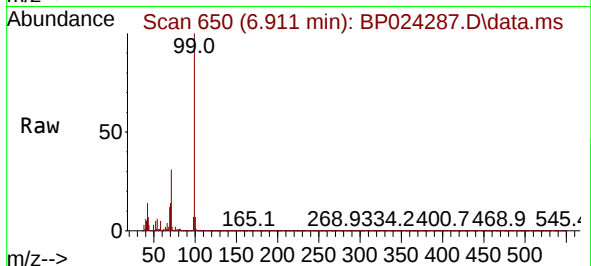




#7
Phenol-d6
Concen: 124.733 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

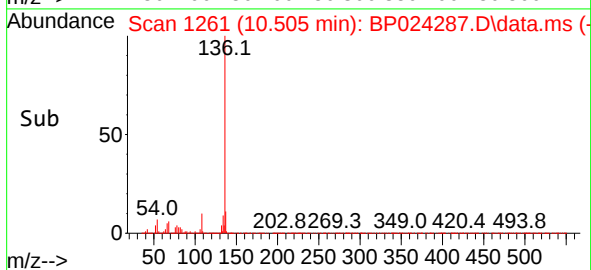
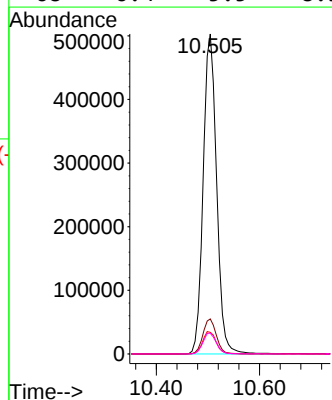
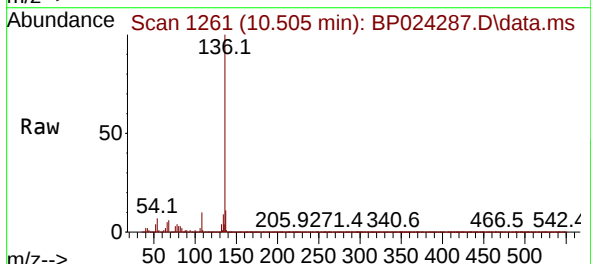
Instrument :
BNA_P
ClientSampleId :
PB167571BL

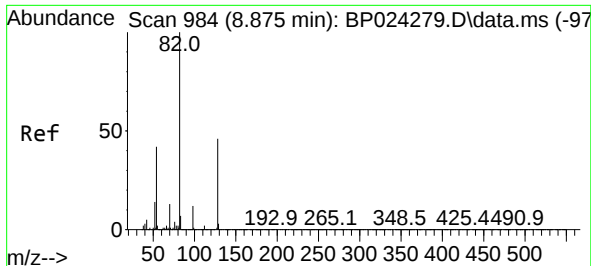
Tgt Ion: 99 Resp: 2368146
Ion Ratio Lower Upper
99 100
42 14.2 10.6 16.0
71 31.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

Tgt Ion:136 Resp: 905347
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.8 6.0 9.0
68 6.4 5.5 8.3

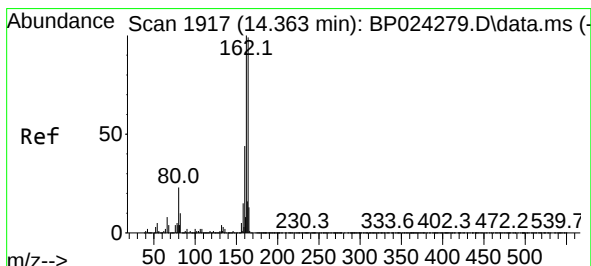
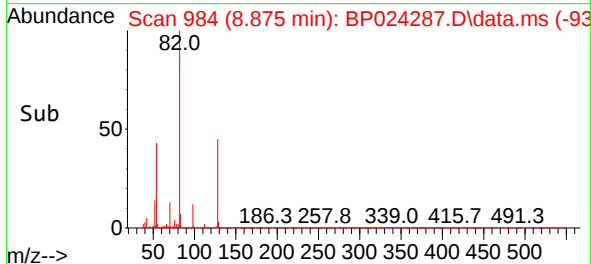
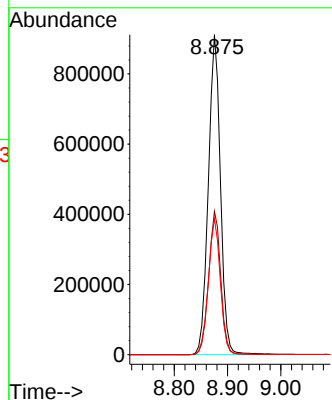
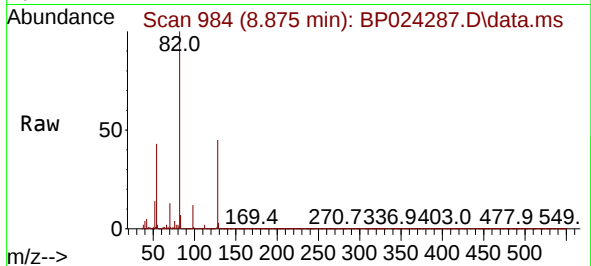




#23
Nitrobenzene-d5
Concen: 90.953 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

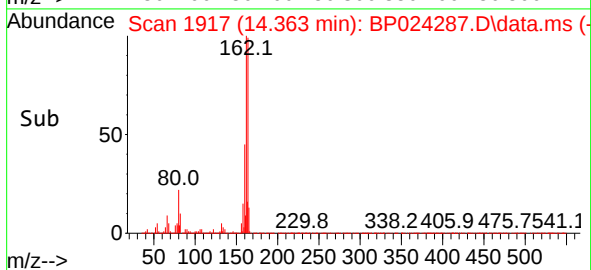
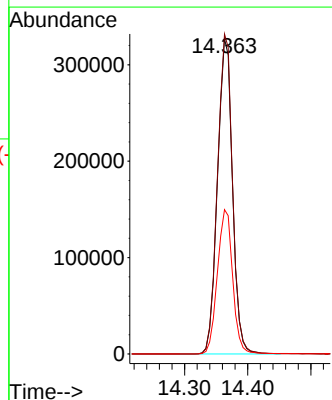
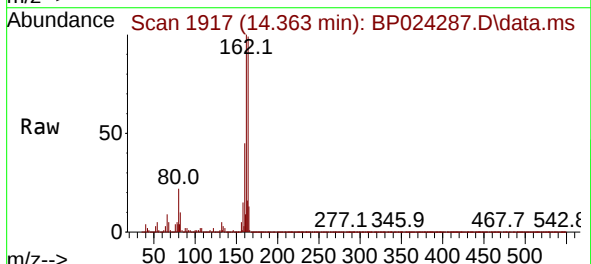
Instrument :
BNA_P
ClientSampleId :
PB167571BL

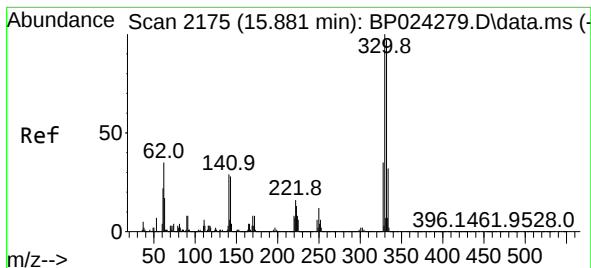
Tgt Ion: 82 Resp: 1444088
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 42.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024287.D
Acq: 15 Apr 2025 09:56

Tgt Ion:164 Resp: 536908
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 126.026 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024287.D

Acq: 15 Apr 2025 09:56

Instrument :

BNA_P

ClientSampleId :

PB167571BL

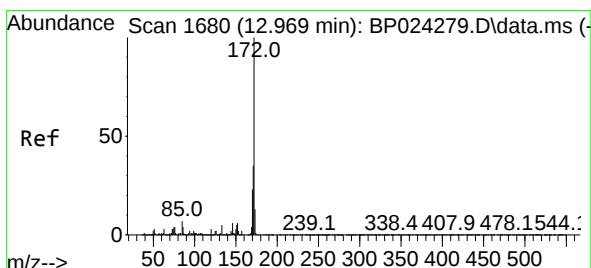
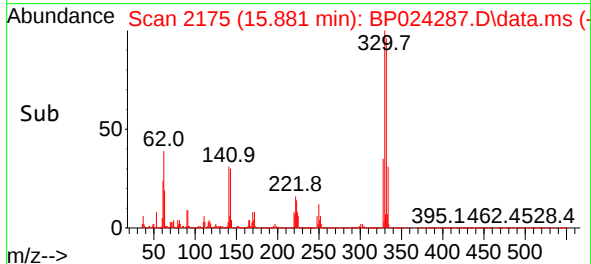
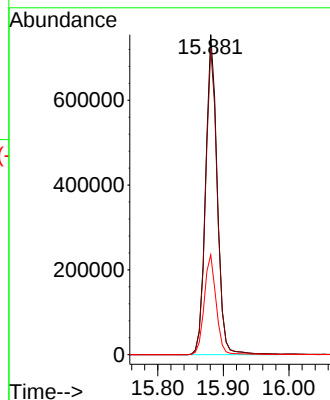
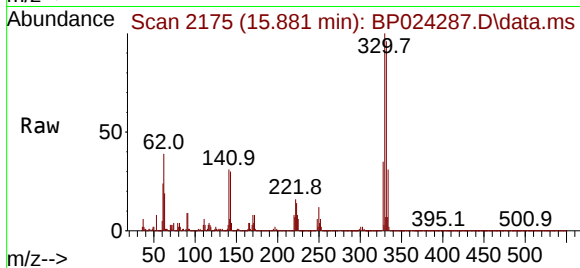
Tgt Ion:330 Resp: 936172

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 31.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 87.611 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024287.D

Acq: 15 Apr 2025 09:56

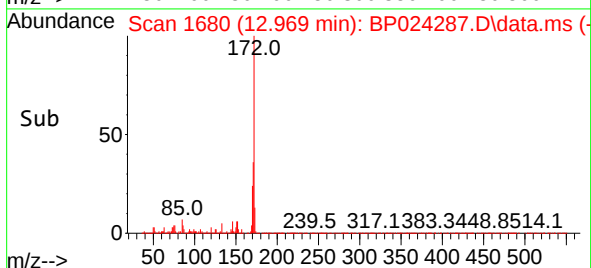
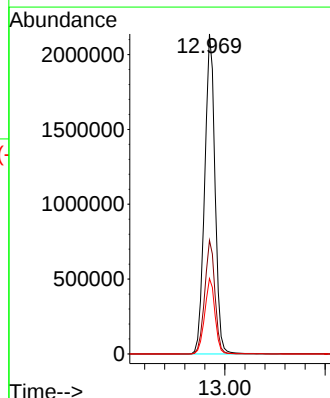
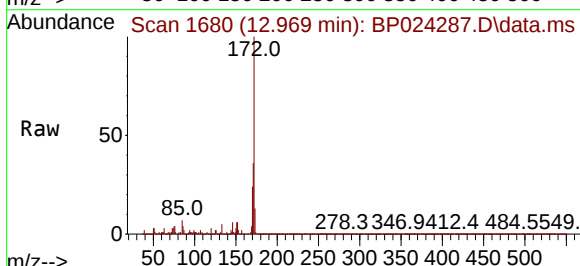
Tgt Ion:172 Resp: 3072217

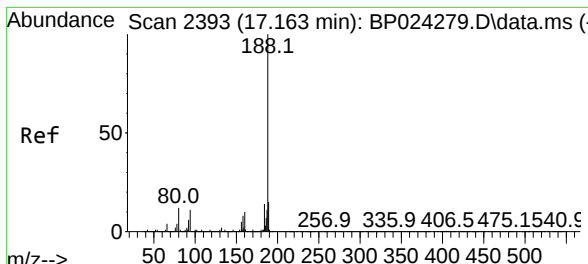
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 18.6 27.8



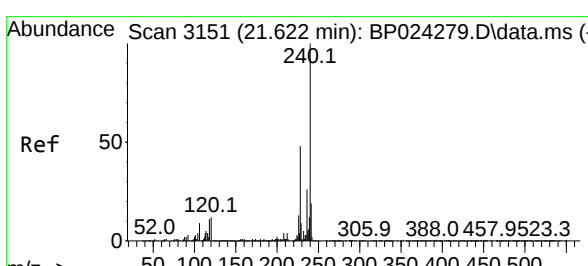
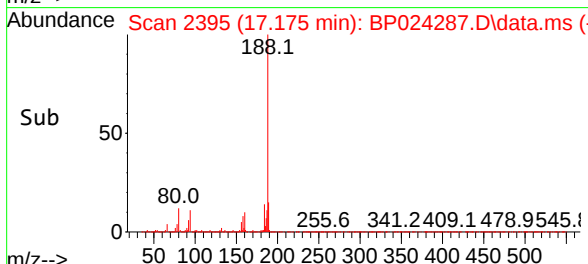
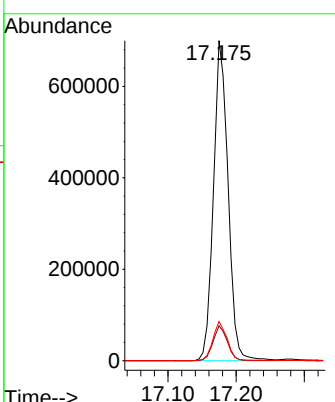
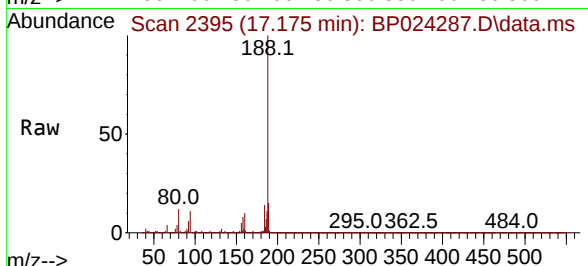


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024287.D
 Acq: 15 Apr 2025 09:56

Instrument :
 BNA_P
 ClientSampleId :
 PB167571BL

Tgt Ion:188 Resp: 1042981

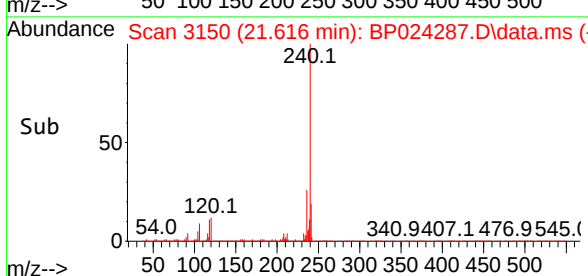
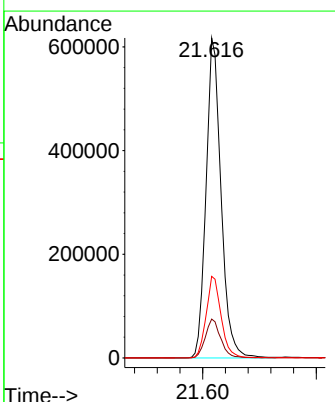
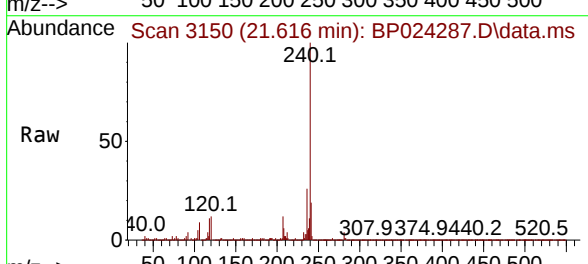
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.2	9.8	14.6

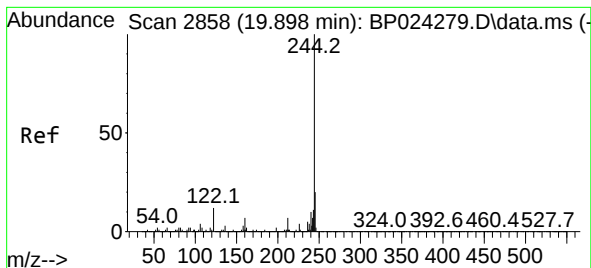


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.616 min Scan# 3150
 Delta R.T. -0.006 min
 Lab File: BP024287.D
 Acq: 15 Apr 2025 09:56

Tgt Ion:240 Resp: 1126939

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	25.5	20.9	31.3





#79

Terphenyl-d14

Concen: 86.824 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024287.D

Acq: 15 Apr 2025 09:56

Instrument :

BNA_P

ClientSampleId :

PB167571BL

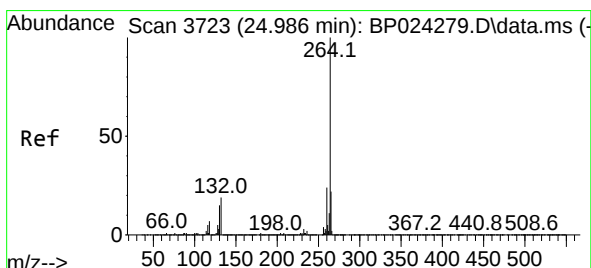
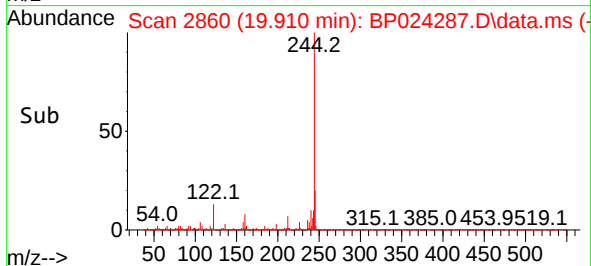
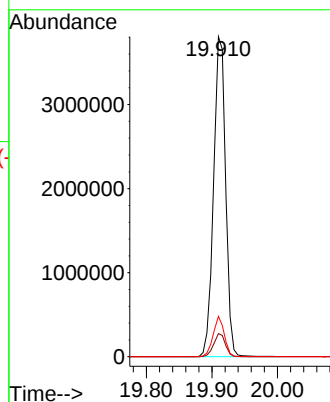
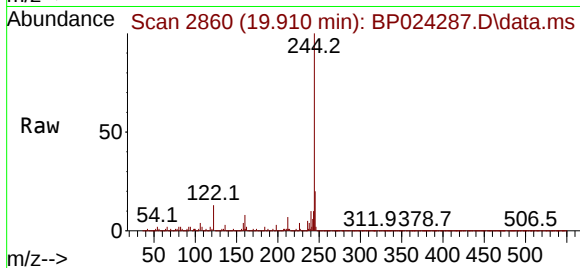
Tgt Ion:244 Resp: 4854318

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 12.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024287.D

Acq: 15 Apr 2025 09:56

Tgt Ion:264 Resp: 1276568

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.3 17.8 26.6

