

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024793.D
 Acq On : 23 May 2025 15:06
 Operator : RC/JU
 Sample : Q2097-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT3419

Quant Time: May 23 15:29:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	98742	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	375645	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	242496	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	547514	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	612633	20.000	ng	0.00
86) Perylene-d12	24.810	264	722694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	677892	117.422	ng	0.00
7) Phenol-d6	6.852	99	727552	98.743	ng	0.00
23) Nitrobenzene-d5	8.805	82	543106	73.051	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	689884	167.814	ng	-0.01
45) 2-Fluorobiphenyl	12.887	172	1404895	75.902	ng	-0.02
79) Terphenyl-d14	19.810	244	3186061	89.174	ng	0.00

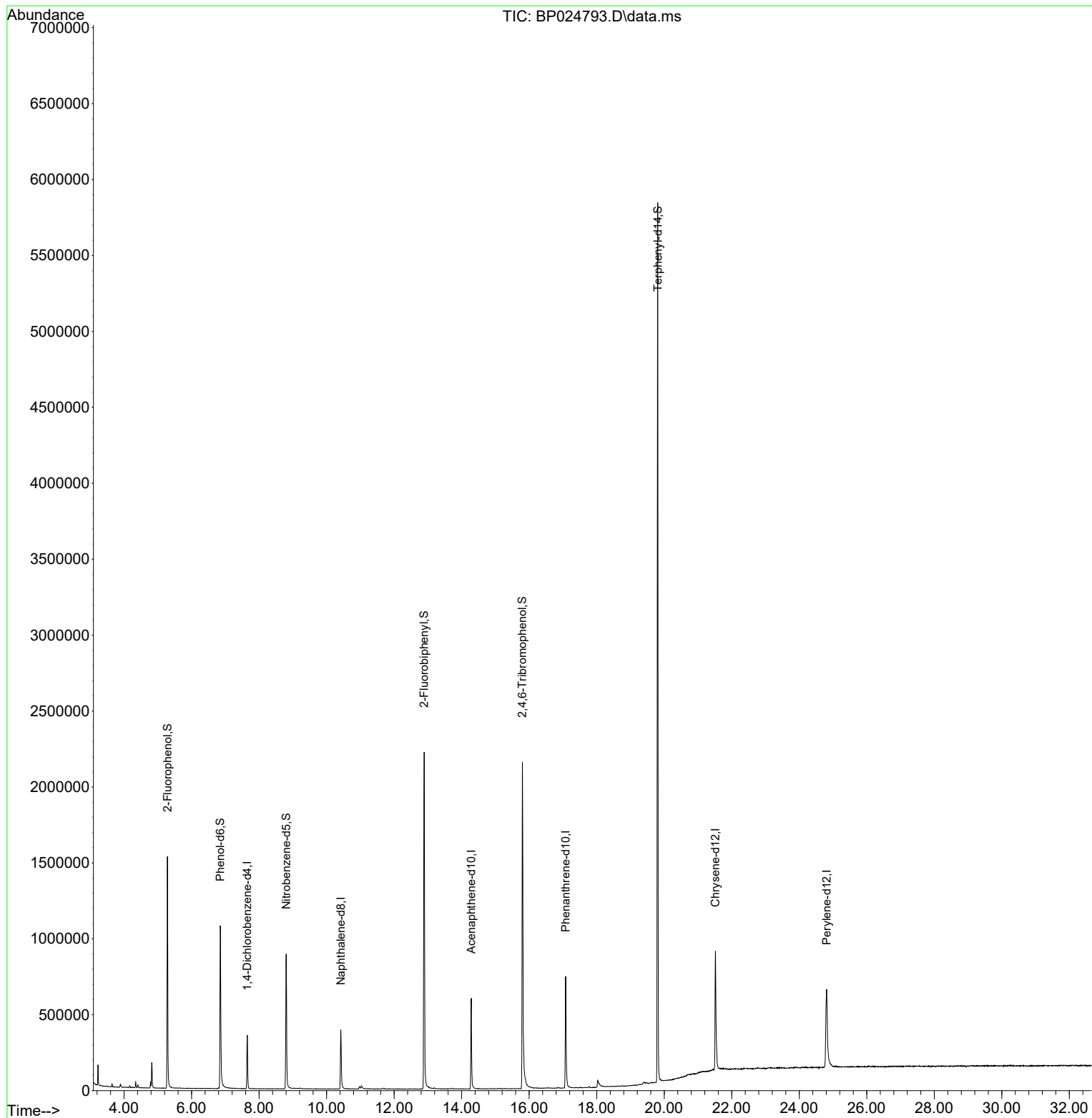
Target Compounds	Qvalue

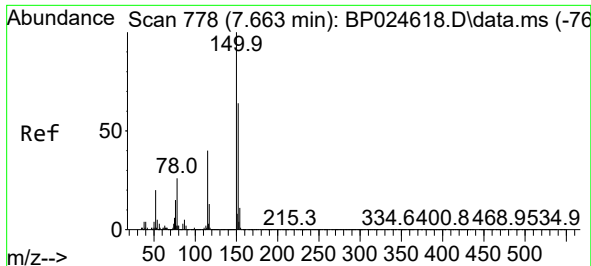
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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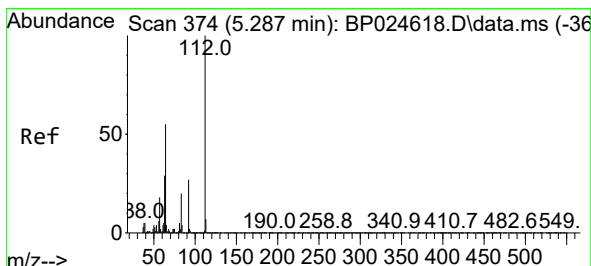
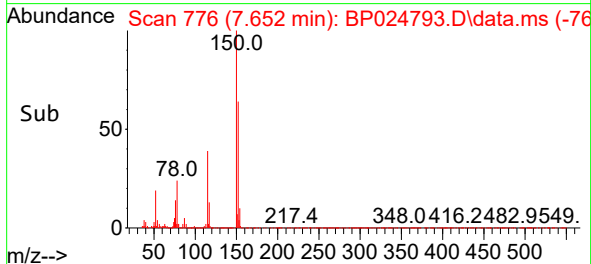
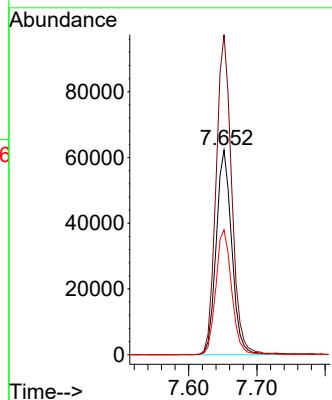
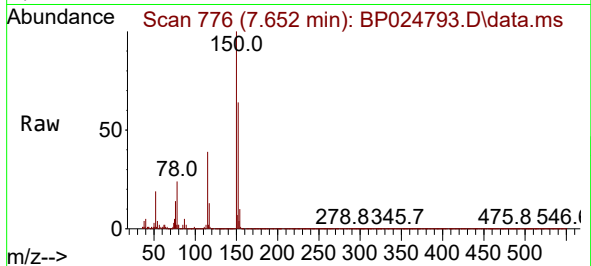




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

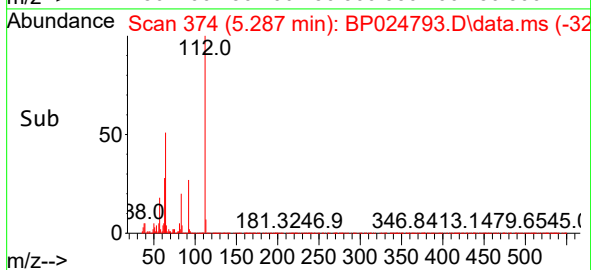
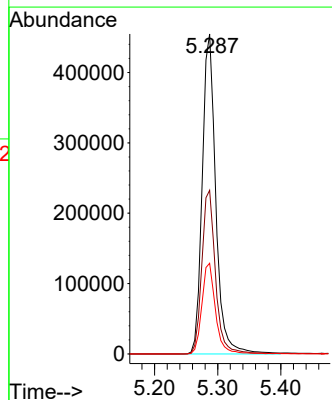
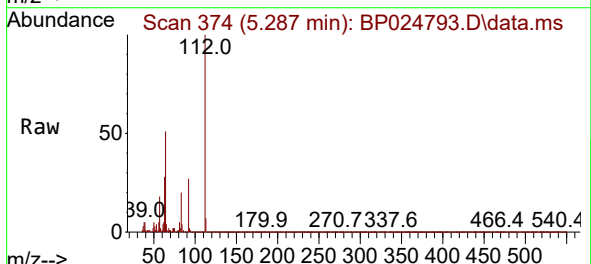
Instrument :
BNA_P
ClientSampleId :
RT3419

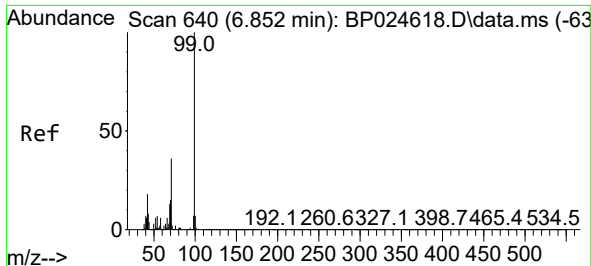
Tgt Ion:152 Resp: 98742
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 61.0 50.1 75.1



#5
2-Fluorophenol
Concen: 117.422 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

Tgt Ion:112 Resp: 677892
Ion Ratio Lower Upper
112 100
64 51.1 44.1 66.1
63 28.3 23.5 35.3

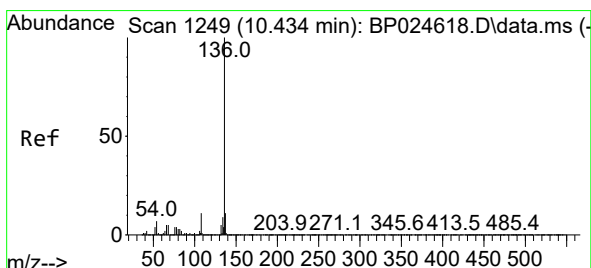
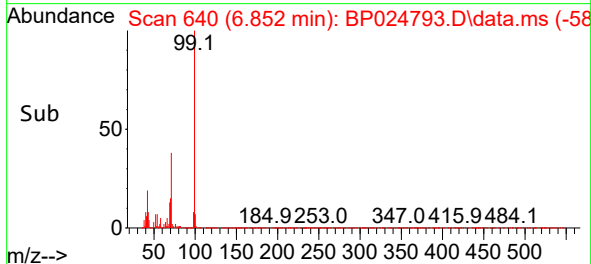
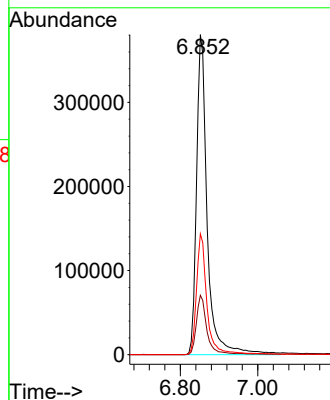
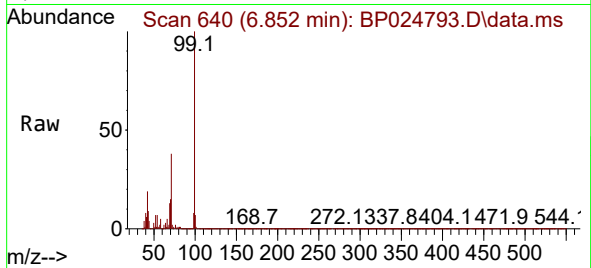




#7
Phenol-d6
Concen: 98.743 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

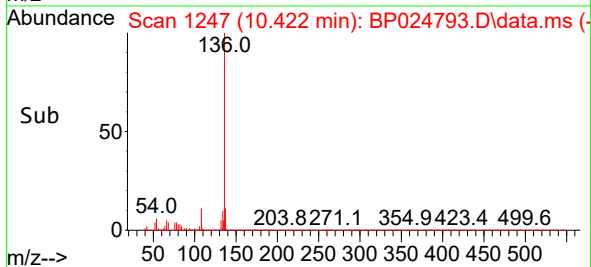
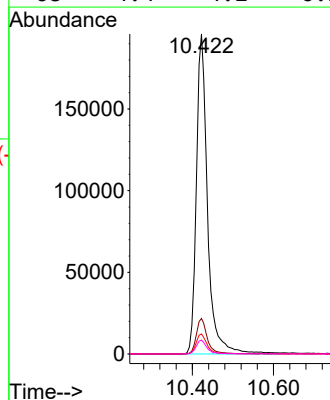
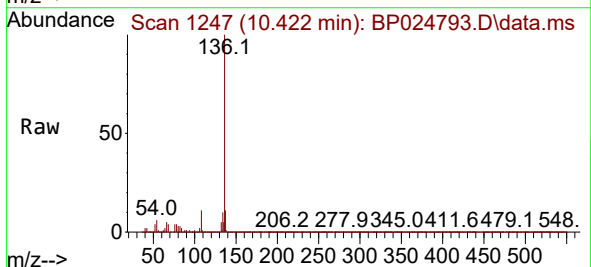
Instrument :
BNA_P
ClientSampleId :
RT3419

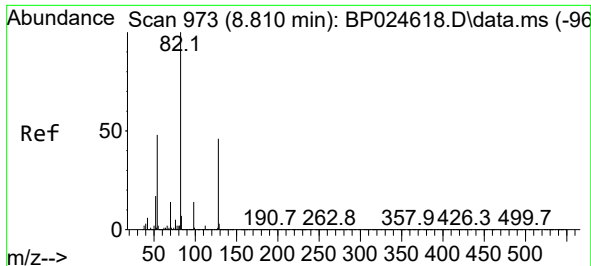
Tgt Ion: 99 Resp: 727552
Ion Ratio Lower Upper
99 100
42 18.6 14.4 21.6
71 37.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

Tgt Ion: 136 Resp: 375645
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.5 8.3
68 4.4 4.2 6.2

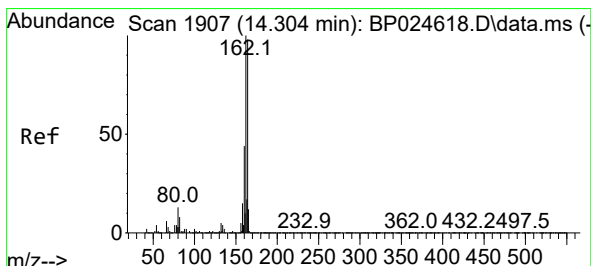
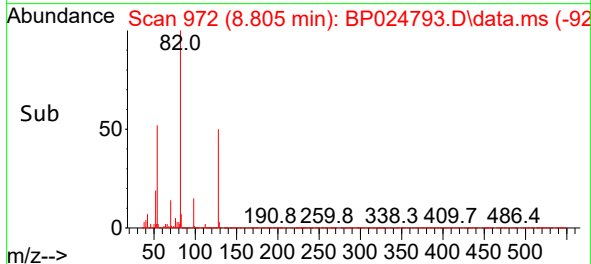
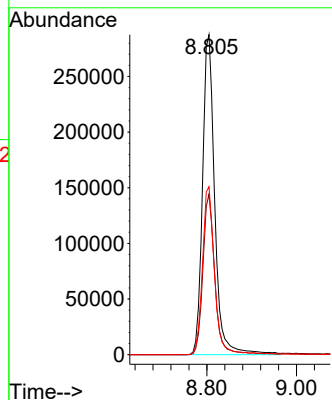
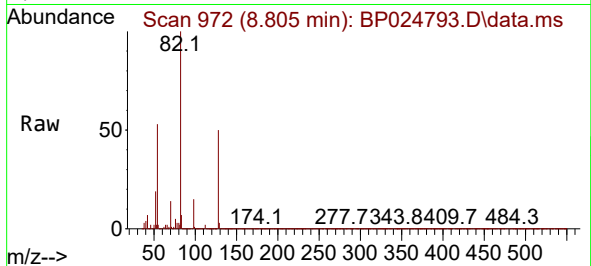




#23
Nitrobenzene-d5
Concen: 73.051 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

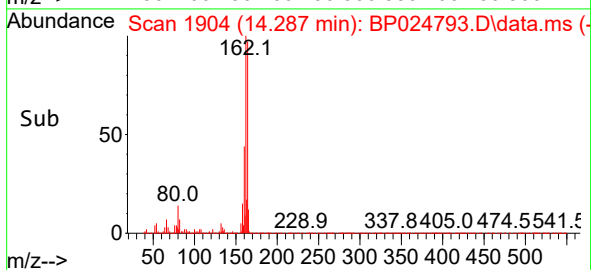
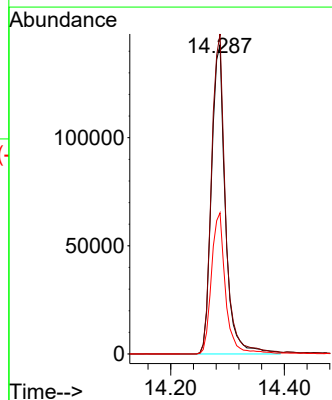
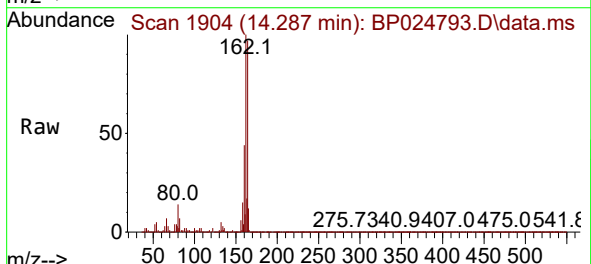
Instrument :
BNA_P
ClientSampleId :
RT3419

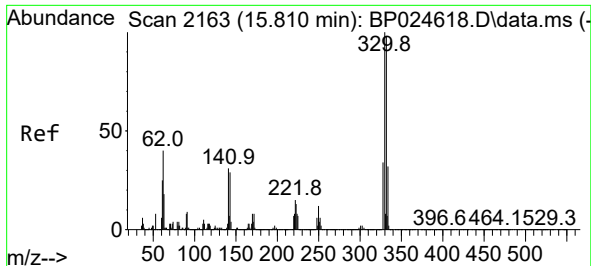
Tgt Ion: 82 Resp: 543106
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 52.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

Tgt Ion:164 Resp: 242496
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 45.7 36.3 54.5

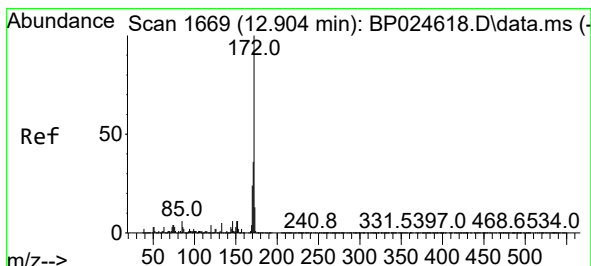
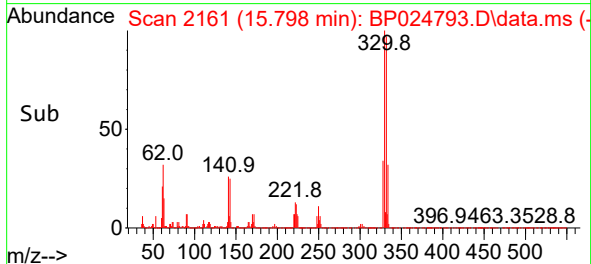
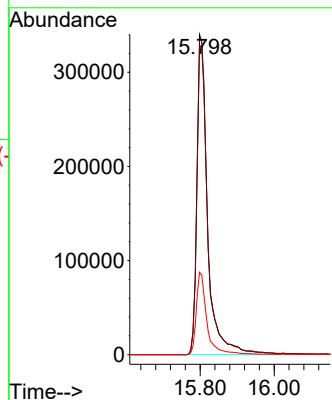
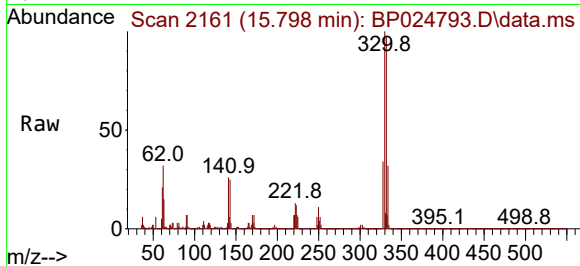




#42
2,4,6-Tribromophenol
Concen: 167.814 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

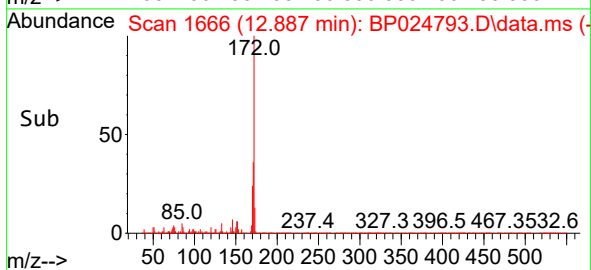
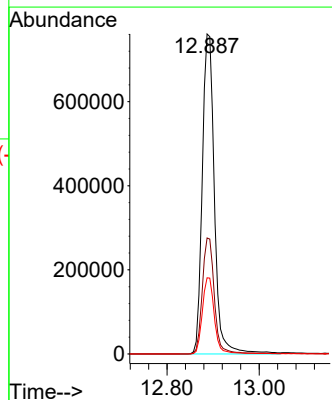
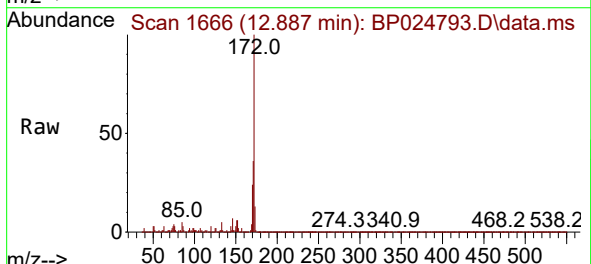
Instrument :
BNA_P
ClientSampleId :
RT3419

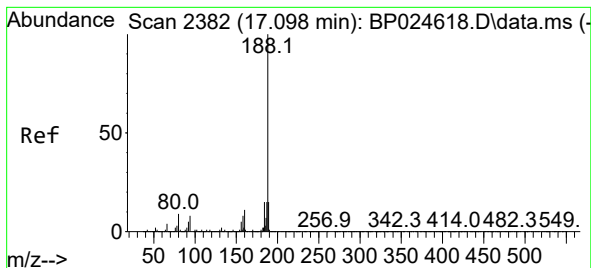
Tgt Ion:330 Resp: 689884
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 25.2 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 75.902 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024793.D
Acq: 23 May 2025 15:06

Tgt Ion:172 Resp: 1404895
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024793.D

Acq: 23 May 2025 15:06

Instrument :

BNA_P

ClientSampleId :

RT3419

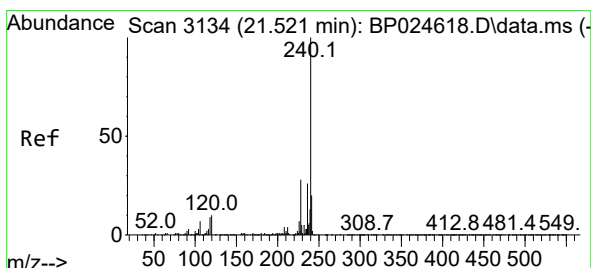
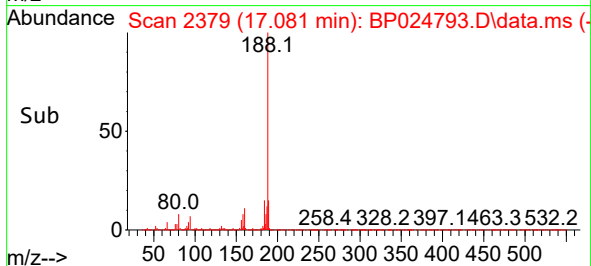
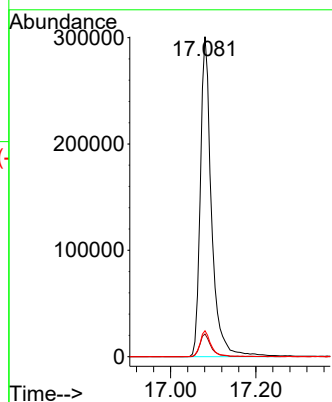
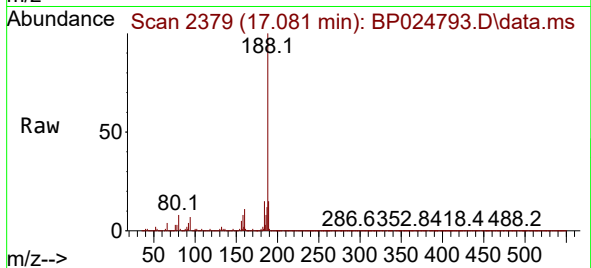
Tgt Ion:188 Resp: 547514

Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

80 8.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024793.D

Acq: 23 May 2025 15:06

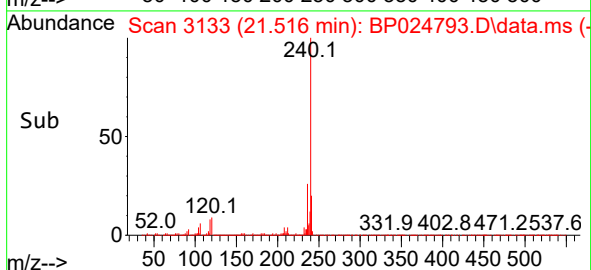
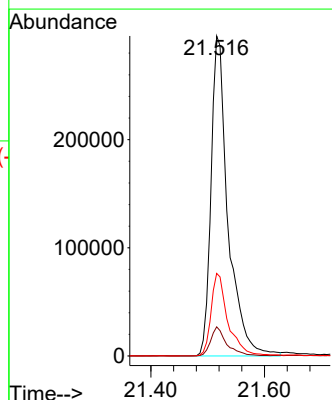
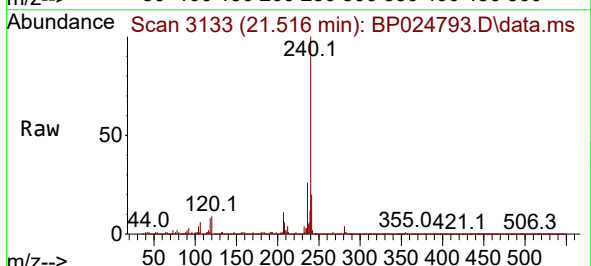
Tgt Ion:240 Resp: 612633

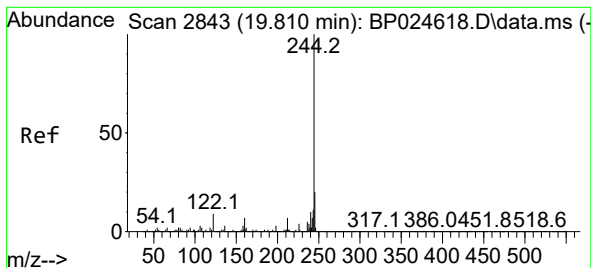
Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 89.174 ng

RT: 19.810 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP024793.D

Acq: 23 May 2025 15:06

Instrument :

BNA_P

ClientSampleId :

RT3419

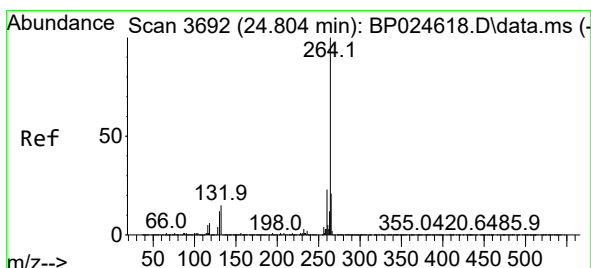
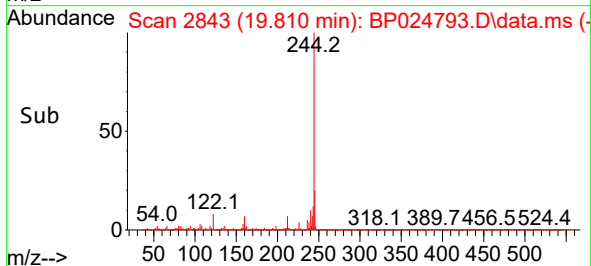
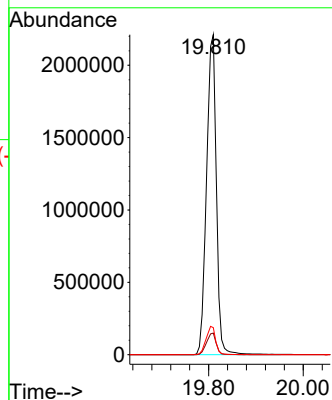
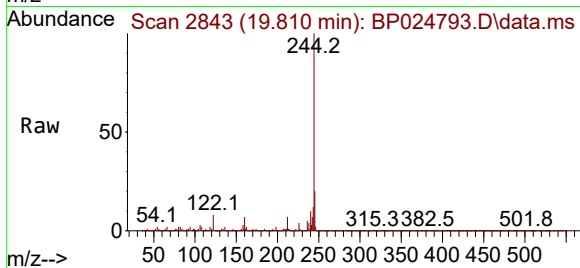
Tgt Ion:244 Resp: 3186061

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024793.D

Acq: 23 May 2025 15:06

Tgt Ion:264 Resp: 722694

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.2 17.0 25.6

