

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024765.D
 Acq On : 22 May 2025 19:04
 Operator : RC/JU
 Sample : Q2097-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-12013

Quant Time: May 23 03:09:39 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	100078	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	382815	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	228808	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	436980	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	518961	20.000	ng	-0.01
86) Perylene-d12	24.792	264	684844	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	519717	88.821	ng	0.00
7) Phenol-d6	6.858	99	645663	86.460	ng	0.00
23) Nitrobenzene-d5	8.799	82	392769	51.840	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	365849	94.316	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	910461	52.132	ng	-0.01
79) Terphenyl-d14	19.798	244	1510711	49.915	ng	-0.01

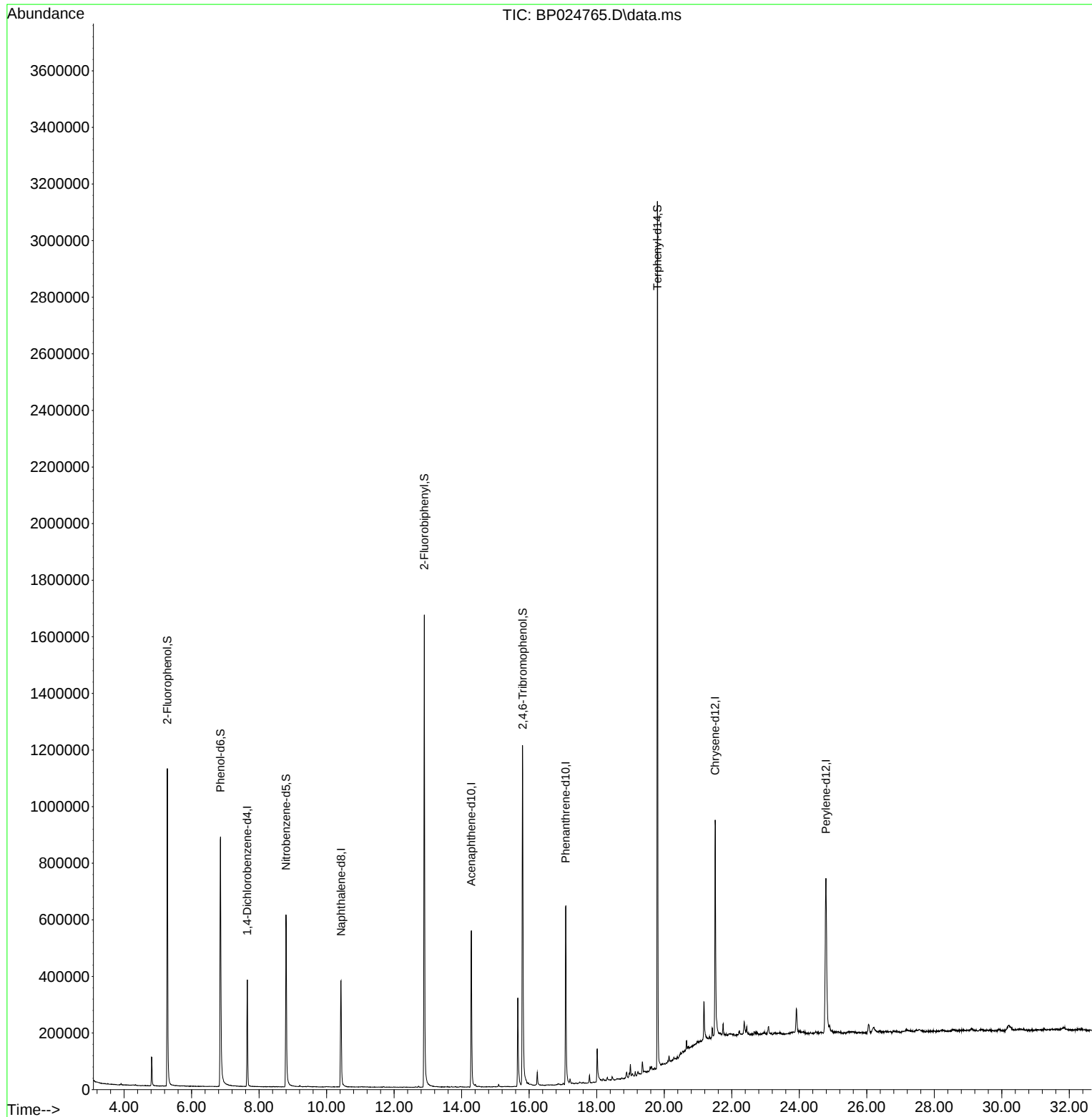
Target Compounds	Qvalue

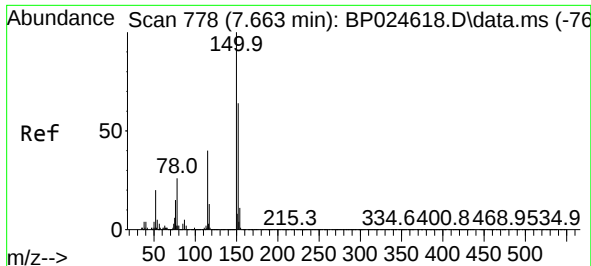
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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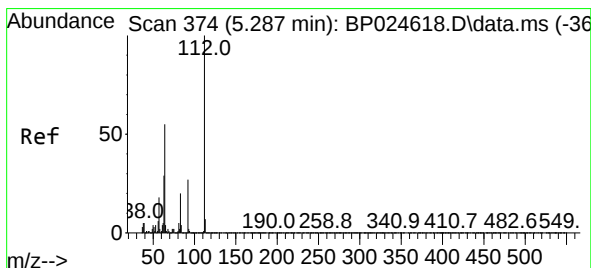
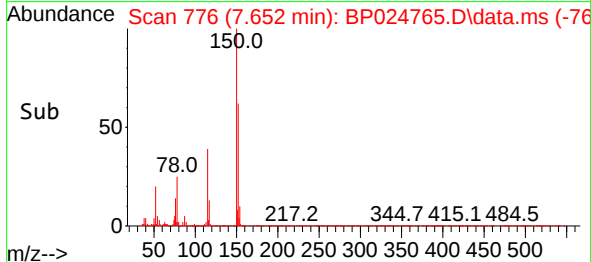
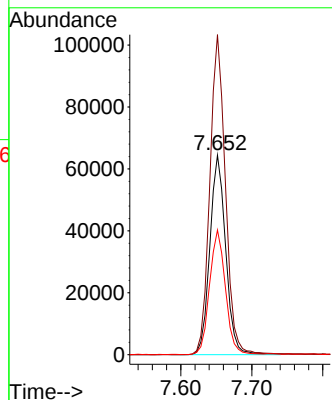
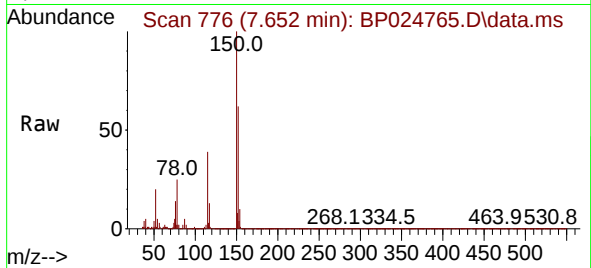




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

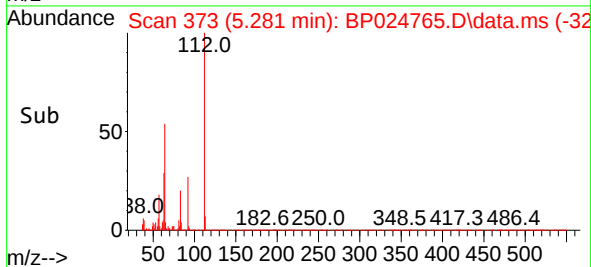
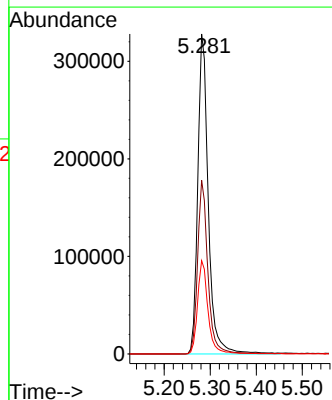
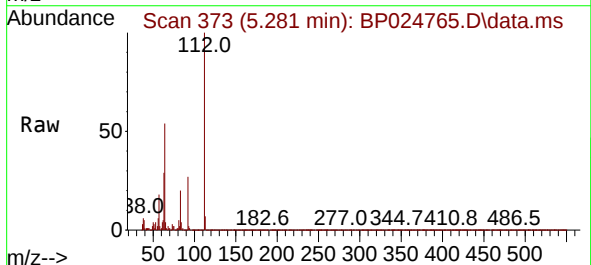
Instrument :
BNA_P
ClientSampleId :
72-12013

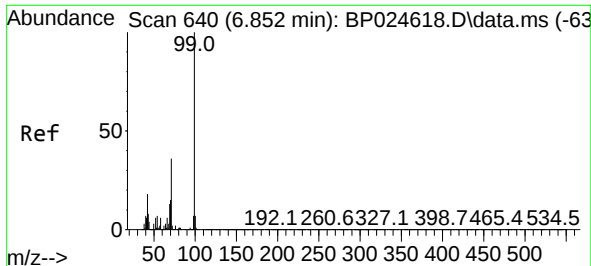
Tgt Ion:152 Resp: 100078
Ion Ratio Lower Upper
152 100
150 160.4 125.9 188.9
115 62.5 50.1 75.1



#5
2-Fluorophenol
Concen: 88.821 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

Tgt Ion:112 Resp: 519717
Ion Ratio Lower Upper
112 100
64 54.3 44.1 66.1
63 29.2 23.5 35.3

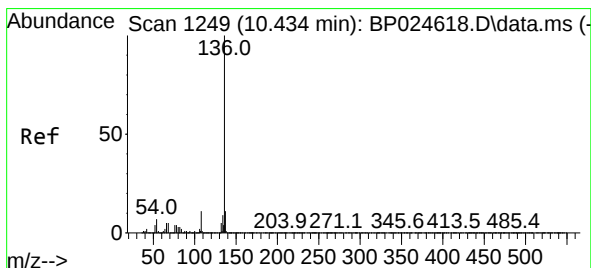
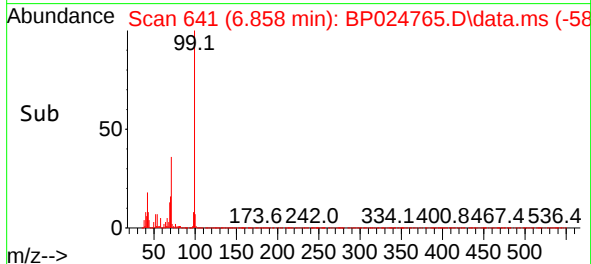
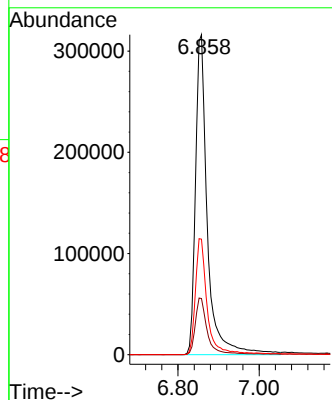
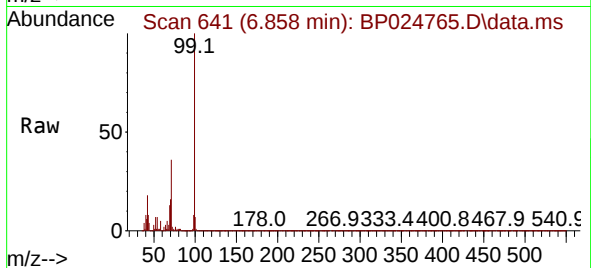




#7
Phenol-d6
Concen: 86.460 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

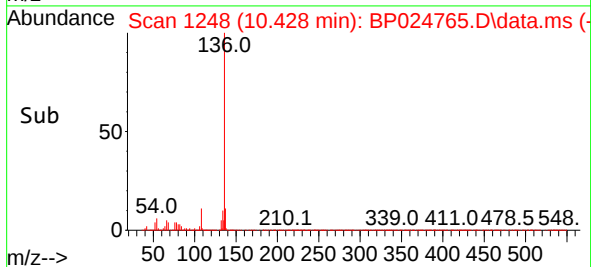
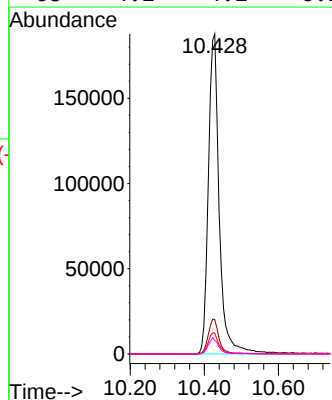
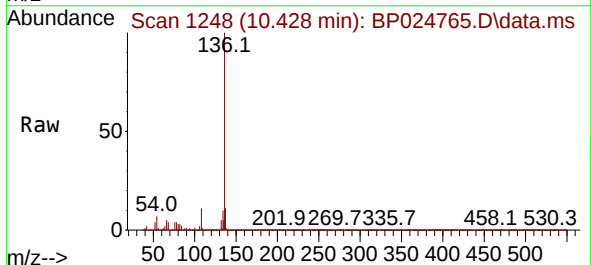
Instrument :
BNA_P
ClientSampleId :
72-12013

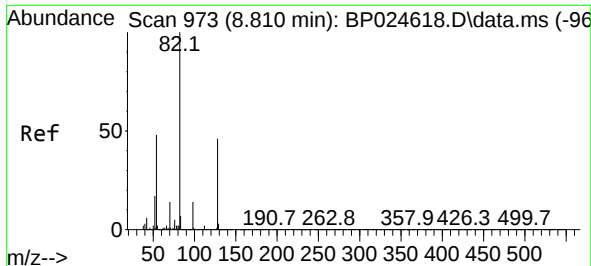
Tgt Ion: 99 Resp: 645663
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

Tgt Ion: 136 Resp: 382815
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.5 8.3
68 4.2 4.2 6.2

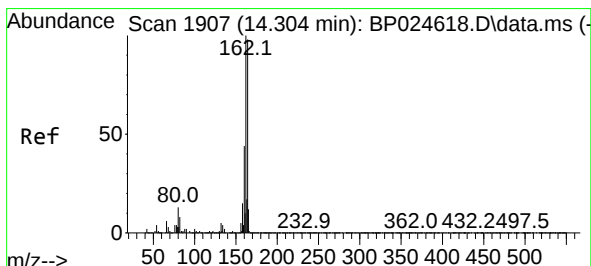
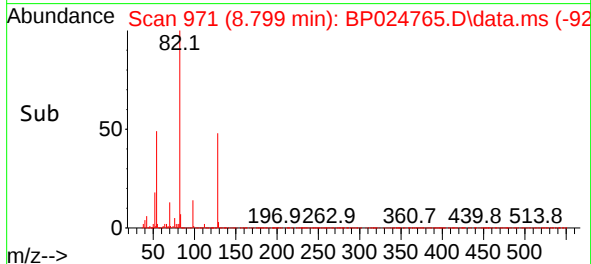
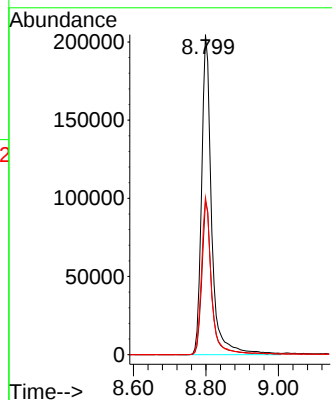
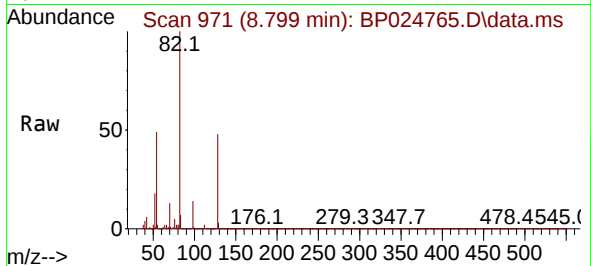




#23
Nitrobenzene-d5
Concen: 51.840 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

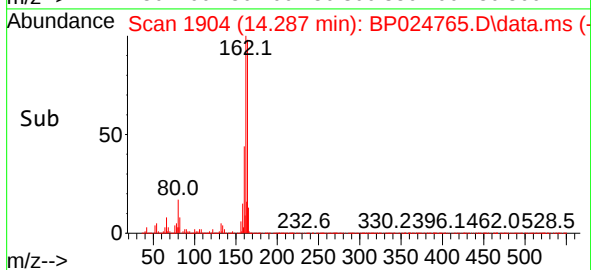
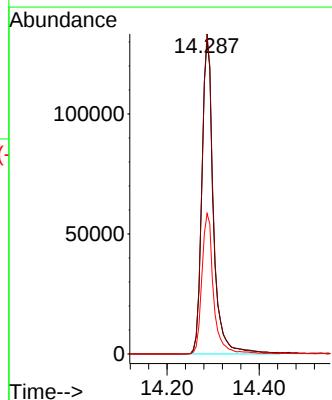
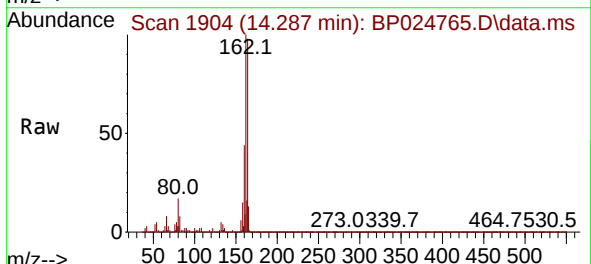
Instrument :
BNA_P
ClientSampleId :
72-12013

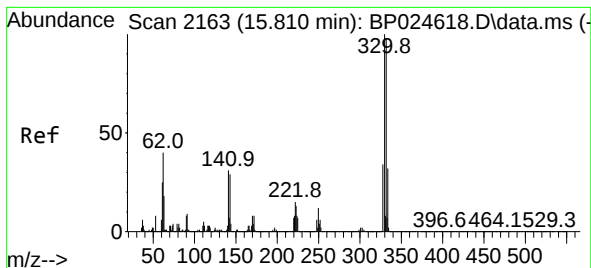
Tgt Ion: 82 Resp: 392769
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 49.2 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024765.D
Acq: 22 May 2025 19:04

Tgt Ion:164 Resp: 228808
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 94.316 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024765.D

Acq: 22 May 2025 19:04

Instrument :

BNA_P

ClientSampleId :

72-12013

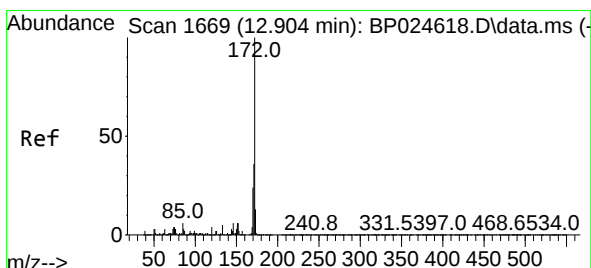
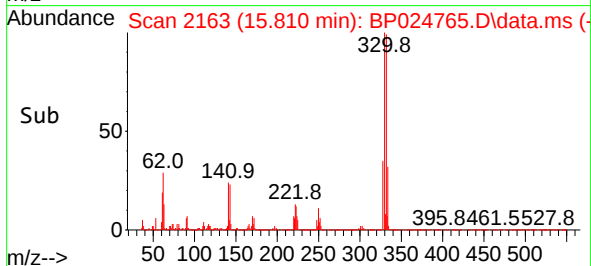
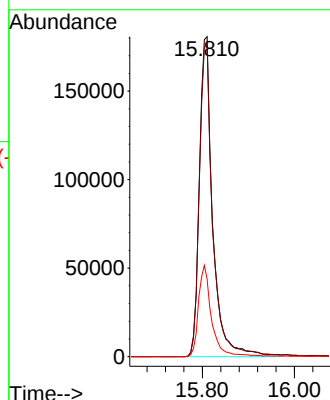
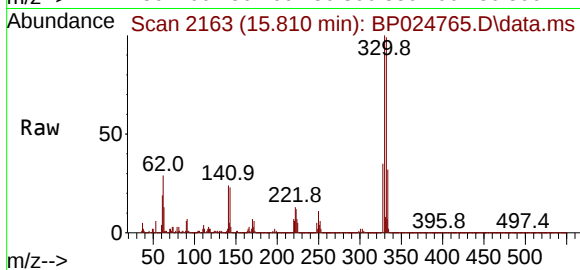
Tgt Ion:330 Resp: 365849

Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

141 27.7 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 52.132 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024765.D

Acq: 22 May 2025 19:04

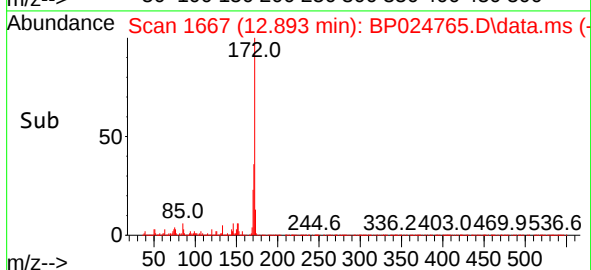
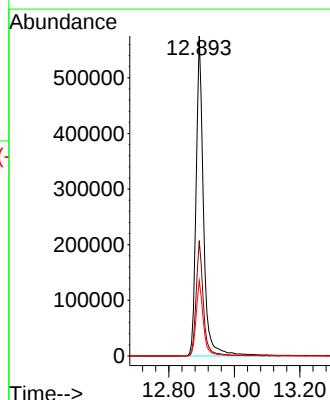
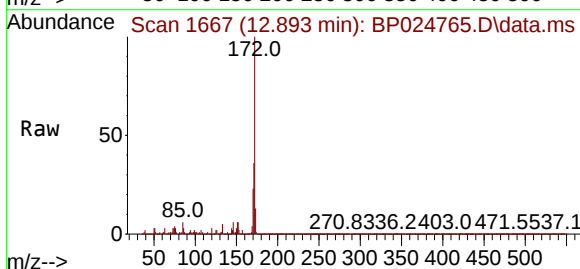
Tgt Ion:172 Resp: 910461

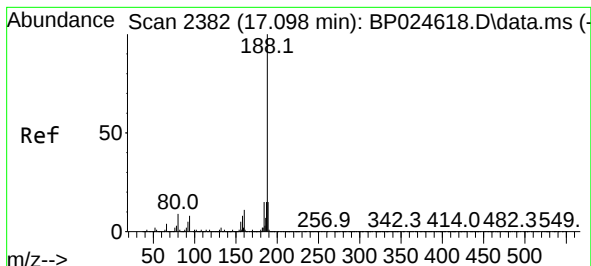
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 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: BP024765.D

Acq: 22 May 2025 19:04

Instrument :

BNA_P

ClientSampleId :

72-12013

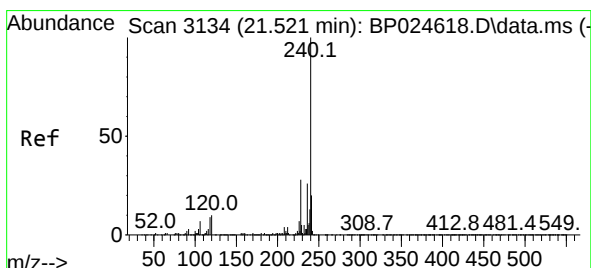
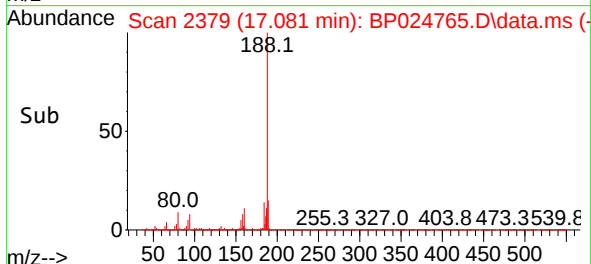
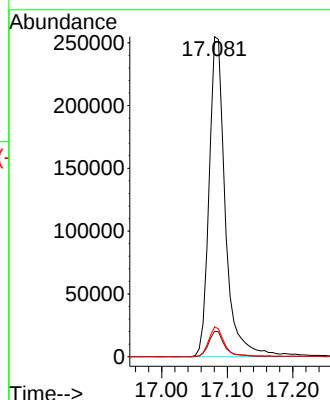
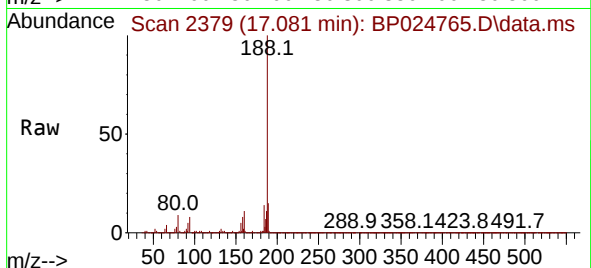
Tgt Ion:188 Resp: 436980

Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024765.D

Acq: 22 May 2025 19:04

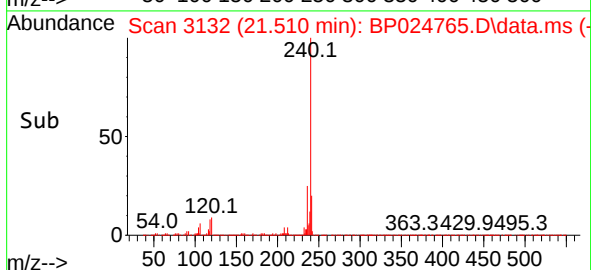
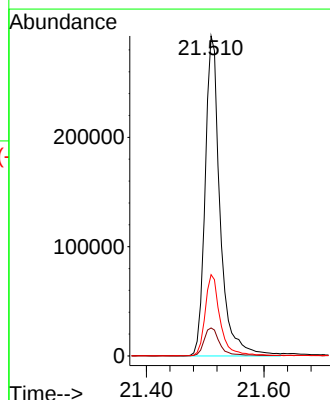
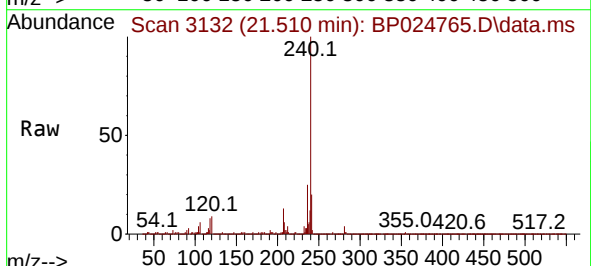
Tgt Ion:240 Resp: 518961

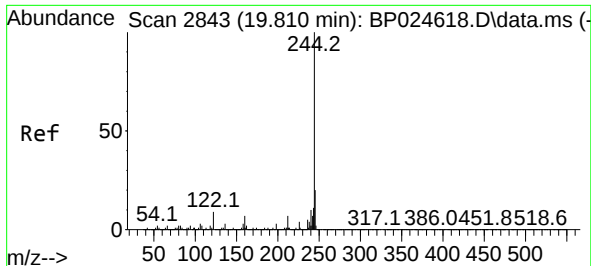
Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

236 25.4 20.6 31.0

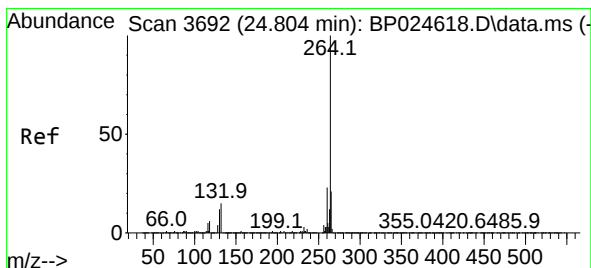
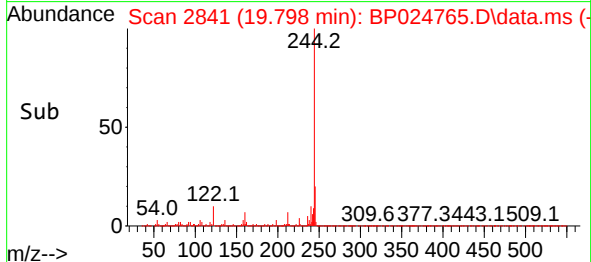
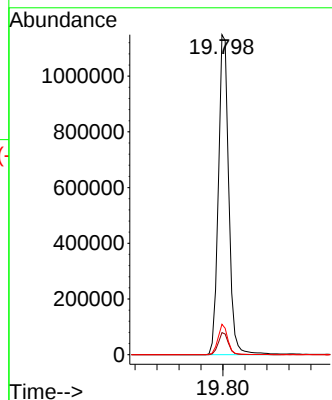
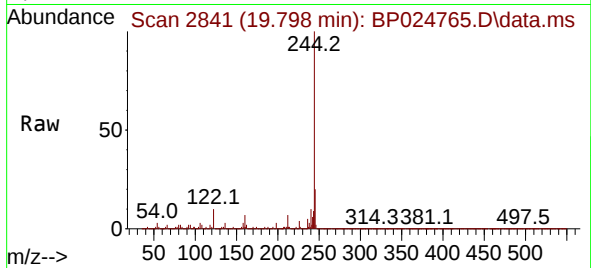




#79
 Terphenyl-d14
 Concen: 49.915 ng
 RT: 19.798 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BP024765.D
 Acq: 22 May 2025 19:04

Instrument :
 BNA_P
 ClientSampleId :
 72-12013

Tgt Ion:244 Resp: 1510711
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 3690
 Delta R.T. -0.012 min
 Lab File: BP024765.D
 Acq: 22 May 2025 19:04

Tgt Ion:264 Resp: 684844
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 22.4 17.0 25.6

