

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024764.D
Acq On : 22 May 2025 18:24
Operator : RC/JU
Sample : Q2097-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR251372

Quant Time: May 23 03:06:16 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	114987	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	447695	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	299110	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	584041	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	681587	20.000	ng	-0.01
86) Perylene-d12	24.804	264	826502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	527514	78.465	ng	0.00
7) Phenol-d6	6.852	99	644294	75.090	ng	0.00
23) Nitrobenzene-d5	8.804	82	399720	45.112	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	451377	89.015	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1059604	46.411	ng	0.00
79) Terphenyl-d14	19.804	244	1892402	47.608	ng	0.00

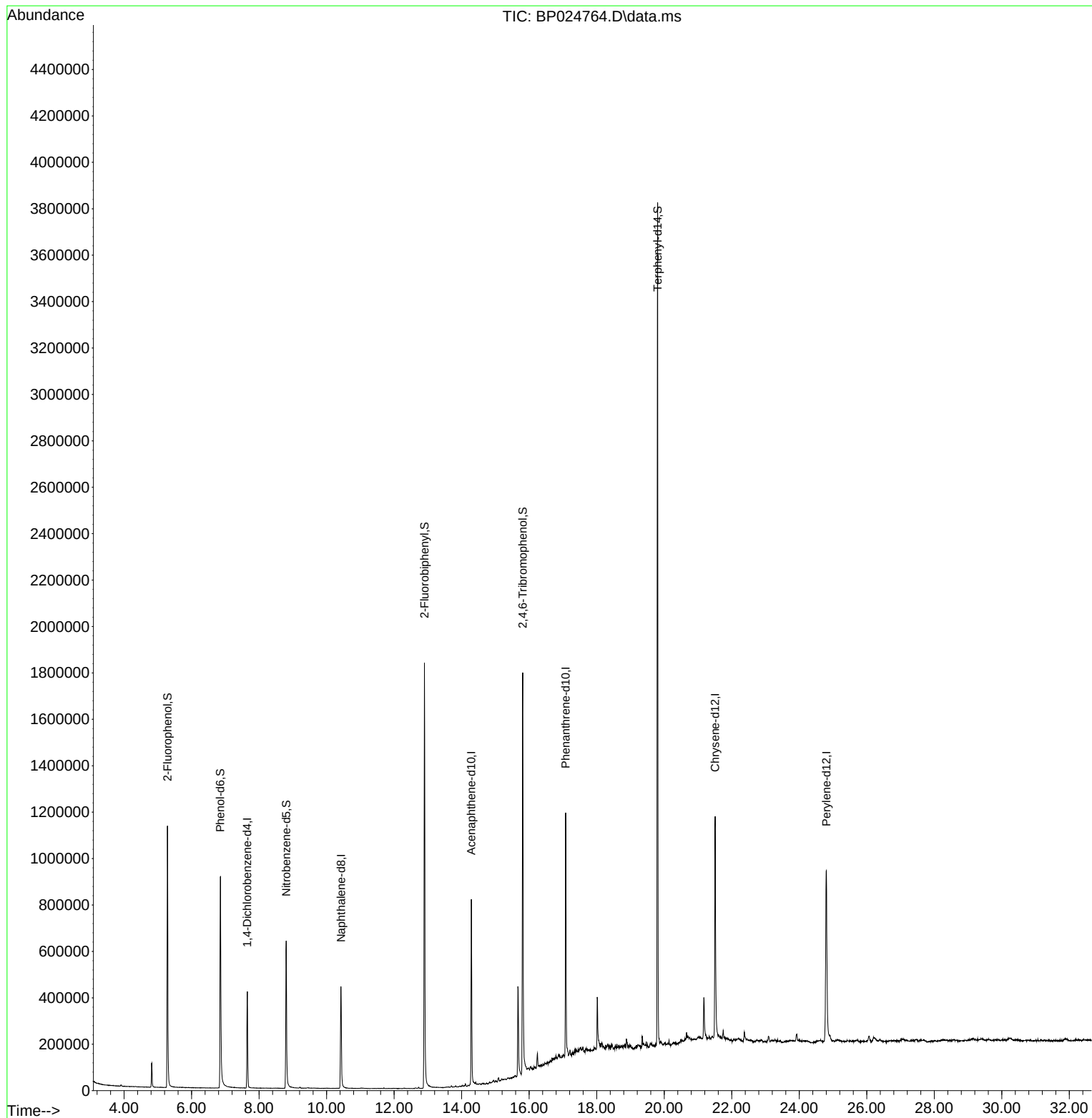
Target Compounds	Qvalue

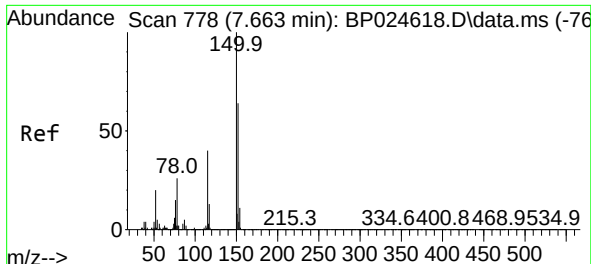
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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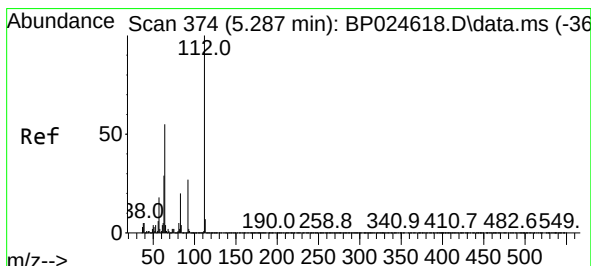
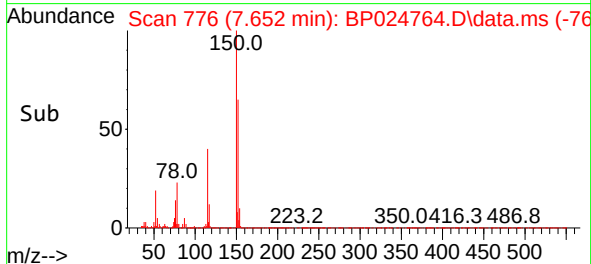
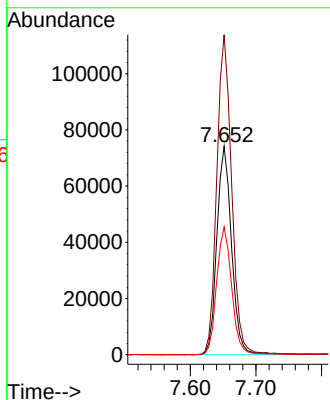
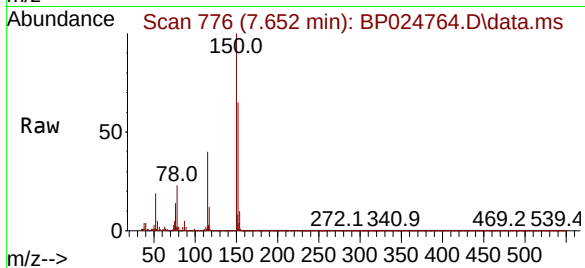




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

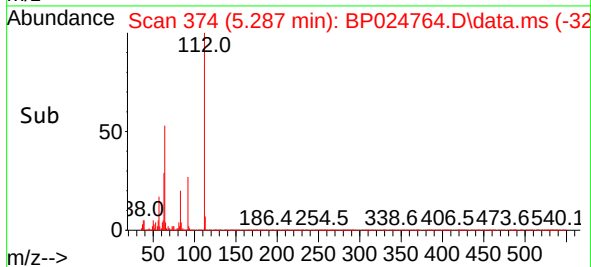
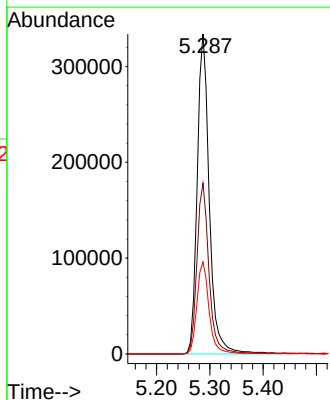
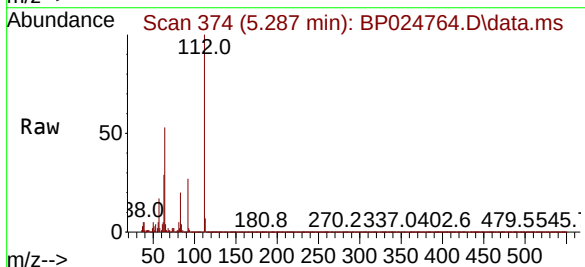
Instrument :
BNA_P
ClientSampleId :
RBR251372

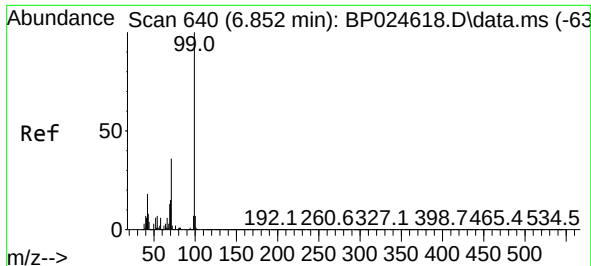
Tgt Ion:152 Resp: 114987
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 61.3 50.1 75.1



#5
2-Fluorophenol
Concen: 78.465 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

Tgt Ion:112 Resp: 527514
Ion Ratio Lower Upper
112 100
64 53.3 44.1 66.1
63 28.8 23.5 35.3

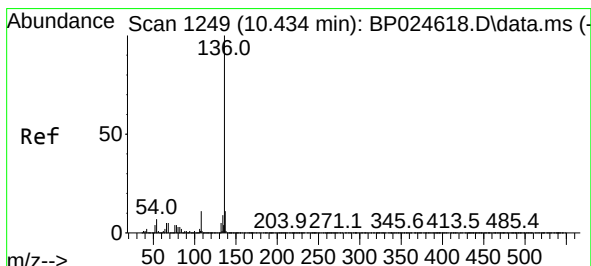
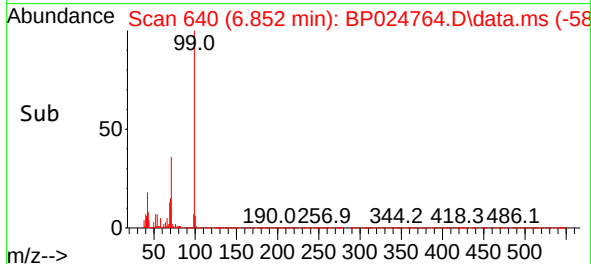
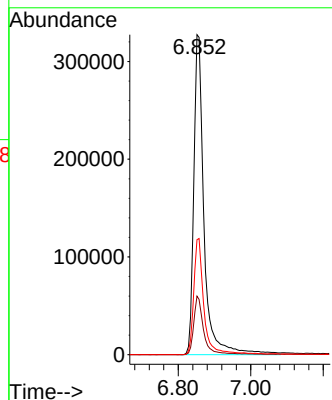
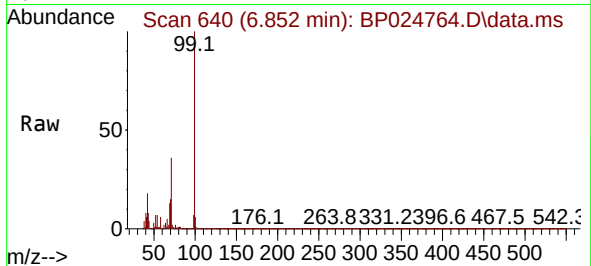




#7
Phenol-d6
Concen: 75.090 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

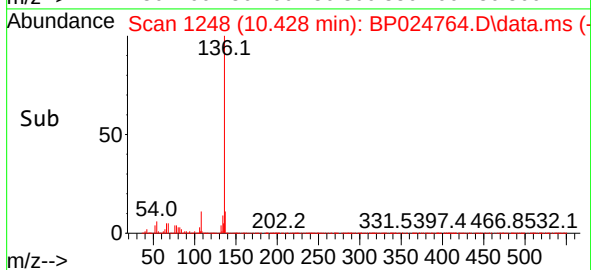
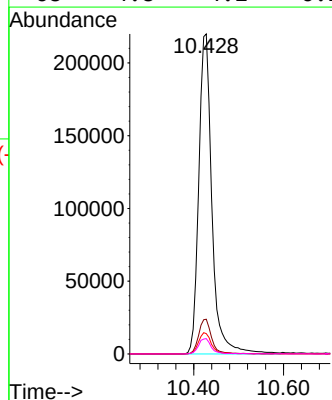
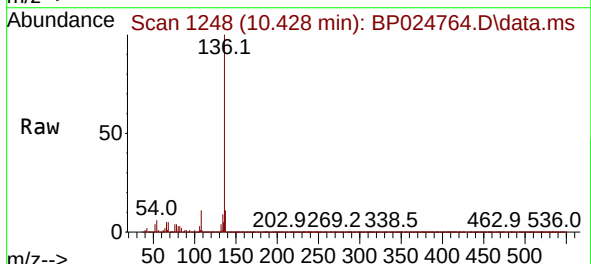
Instrument :
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ClientSampleId :
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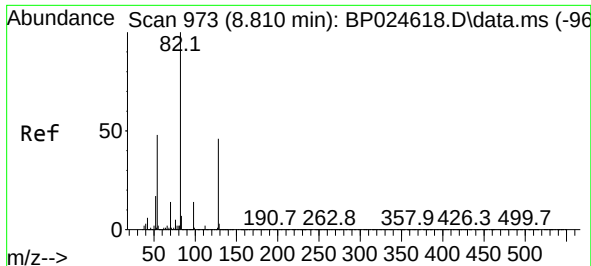
Tgt Ion: 99 Resp: 644294
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

Tgt Ion: 136 Resp: 447695
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.5 8.3
68 4.8 4.2 6.2

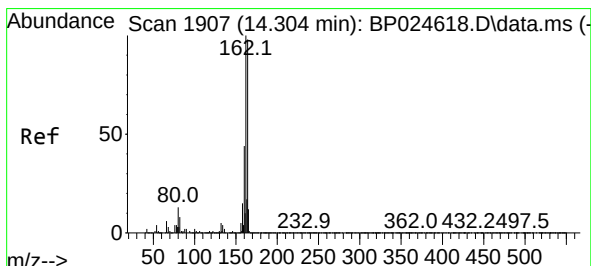
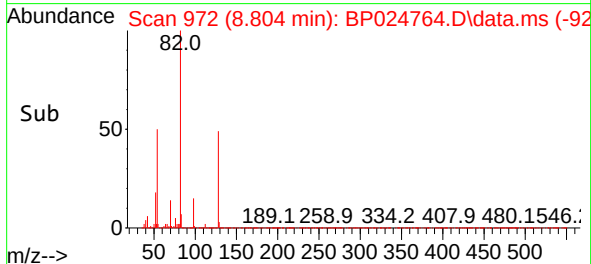
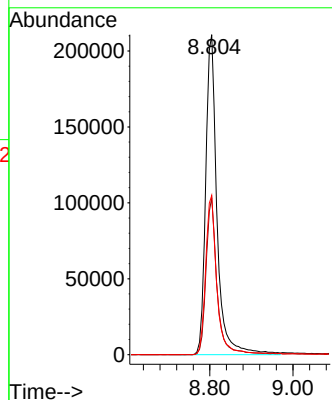
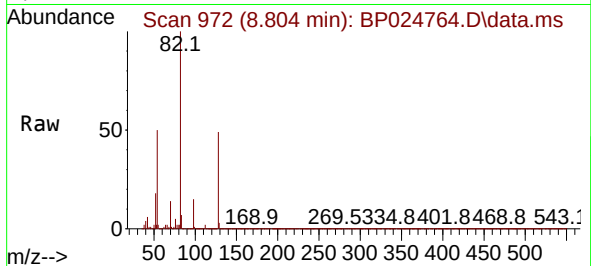




#23
Nitrobenzene-d5
Concen: 45.112 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

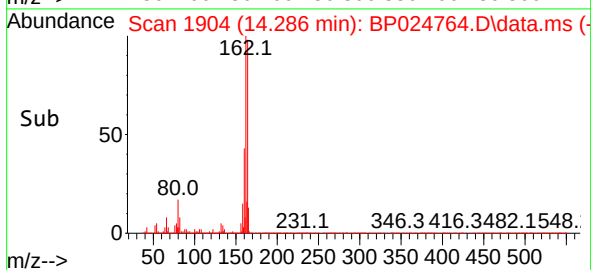
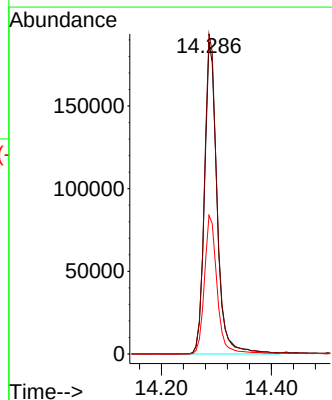
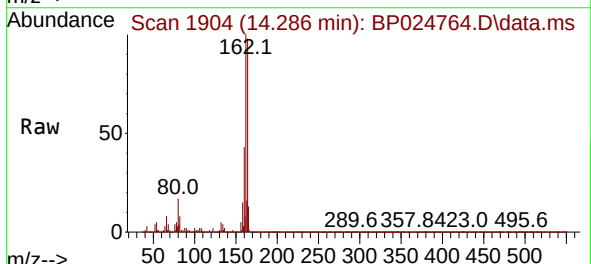
Instrument :
BNA_P
ClientSampleId :
RBR251372

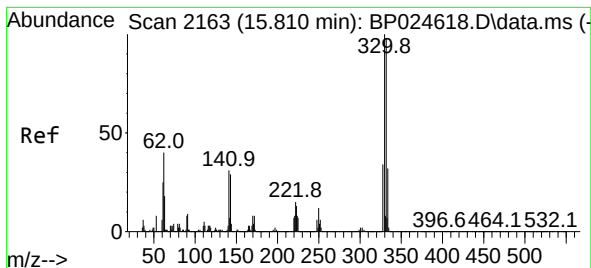
Tgt Ion: 82 Resp: 399720
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 49.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

Tgt Ion:164 Resp: 299110
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 89.015 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP024764.D

Acq: 22 May 2025 18:24

Instrument :

BNA_P

ClientSampleId :

RBR251372

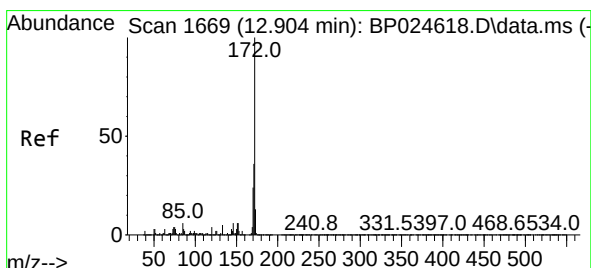
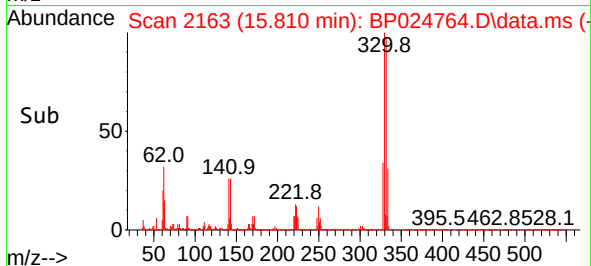
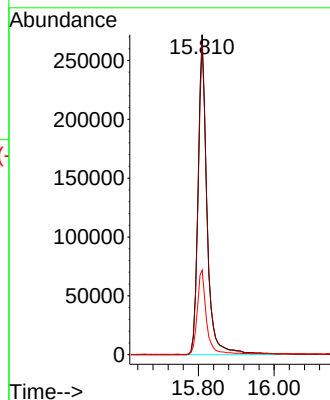
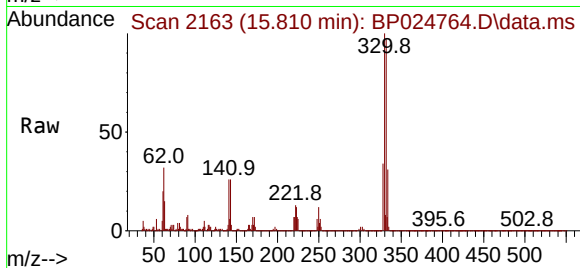
Tgt Ion:330 Resp: 451377

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

141 27.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 46.411 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024764.D

Acq: 22 May 2025 18:24

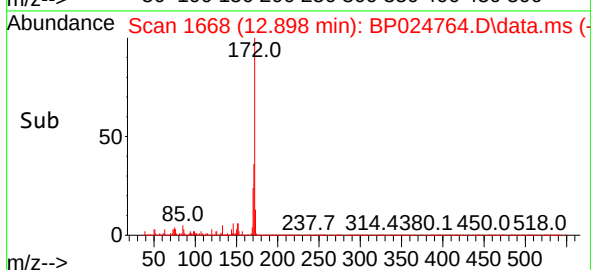
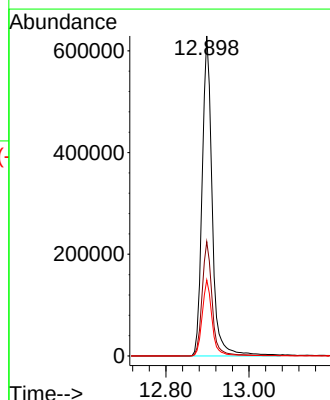
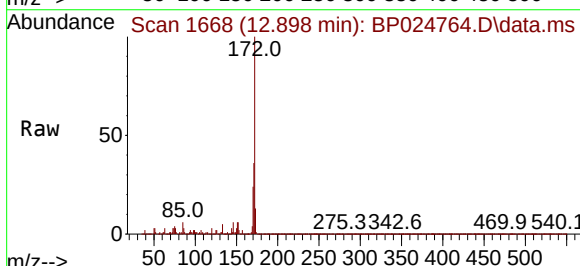
Tgt Ion:172 Resp: 1059604

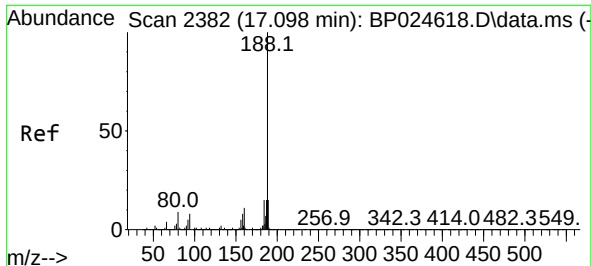
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.8 28.2

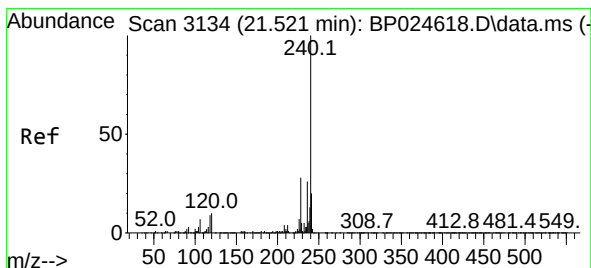
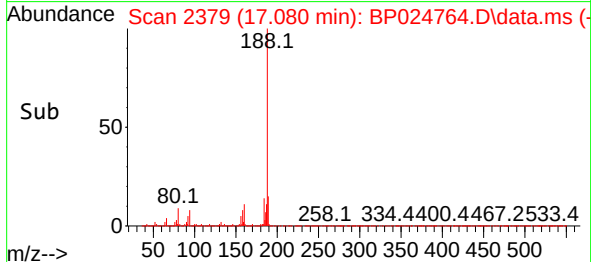
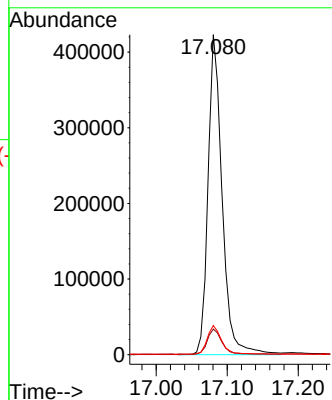
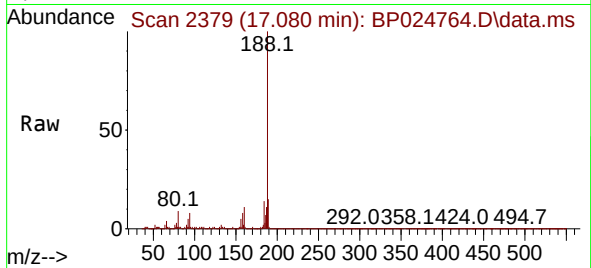




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

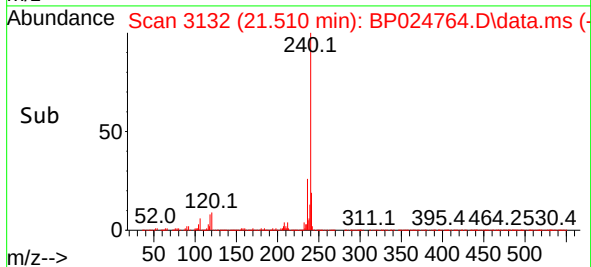
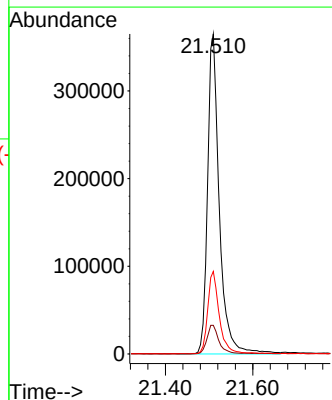
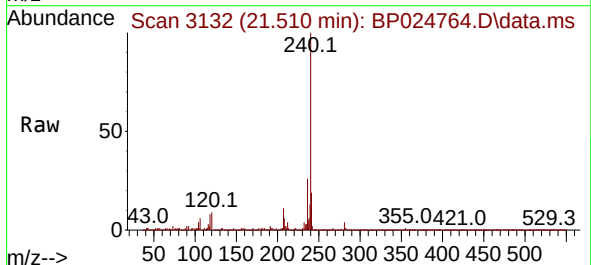
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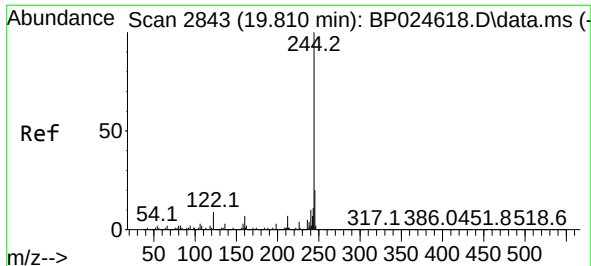
Tgt Ion:188 Resp: 584041
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024764.D
Acq: 22 May 2025 18:24

Tgt Ion:240 Resp: 681587
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.8 20.6 31.0

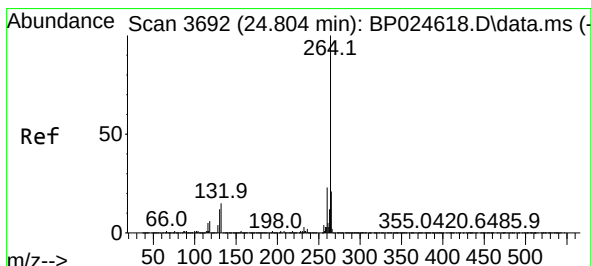
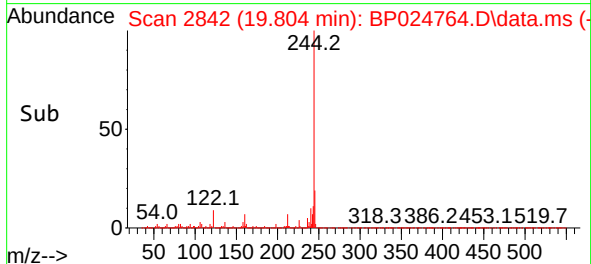
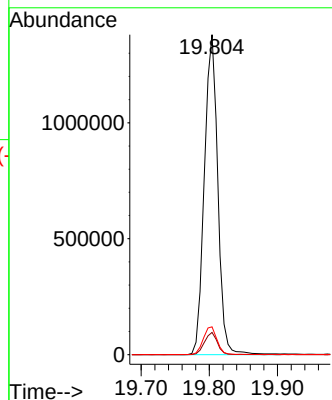
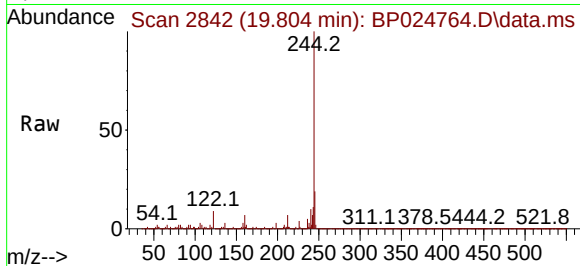




#79
 Terphenyl-d14
 Concen: 47.608 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024764.D
 Acq: 22 May 2025 18:24

Instrument :
 BNA_P
 ClientSampleId :
 RBR251372

Tgt Ion:244 Resp: 1892402
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.7 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 3692
 Delta R.T. -0.000 min
 Lab File: BP024764.D
 Acq: 22 May 2025 18:24

Tgt Ion:264 Resp: 826502
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.9 17.0 25.6

