

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024273.D
 Acq On : 11 Apr 2025 19:45
 Operator : RC/JU
 Sample : Q1752-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Apr 11 22:53:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	218741	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	838834	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	557871	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1183862	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1334902	20.000	ng	-0.02
86) Perylene-d12	24.986	264	1394808	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2192384	159.991	ng	0.00
7) Phenol-d6	6.922	99	2565281	139.990	ng	0.00
23) Nitrobenzene-d5	8.887	82	1769439	119.015	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	1523086	216.745	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	3761611	99.424	ng	-0.01
79) Terphenyl-d14	19.898	244	7405074	114.508	ng	-0.02

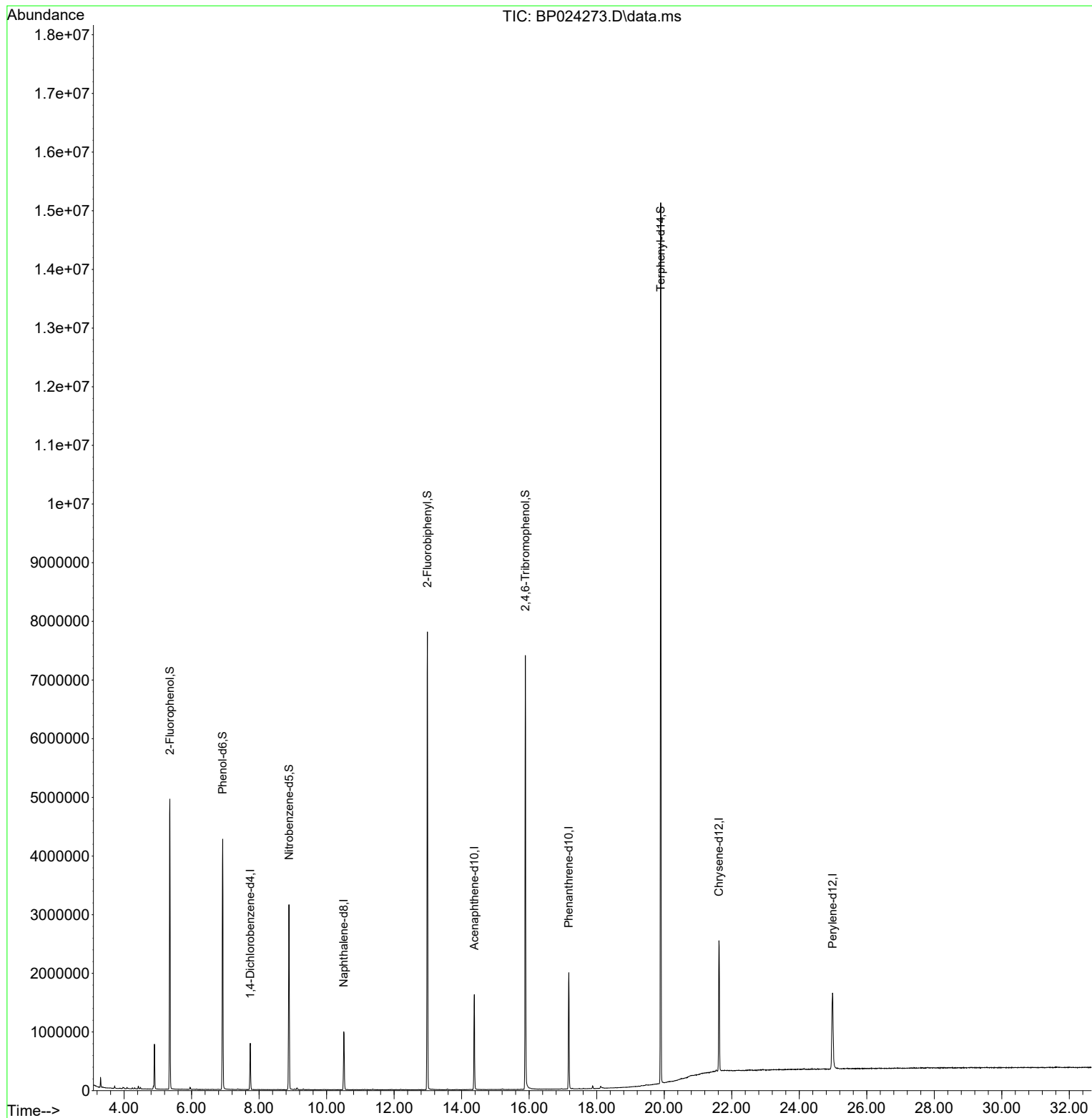
Target Compounds	Qvalue

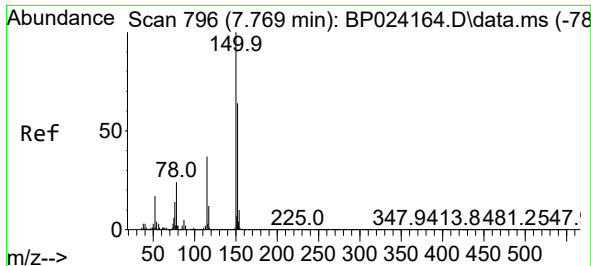
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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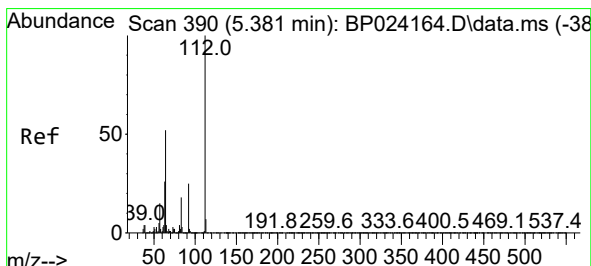
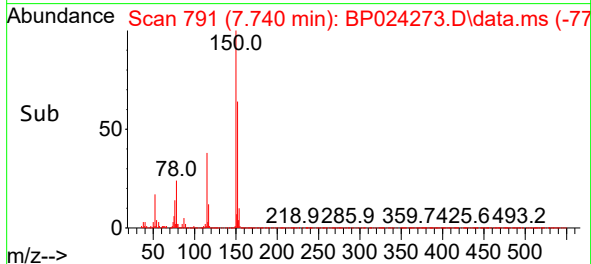
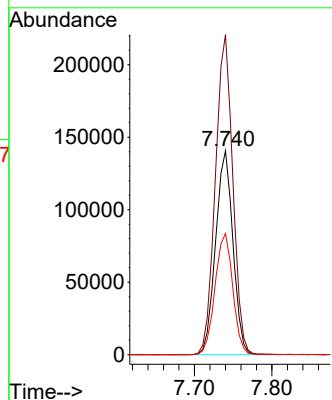
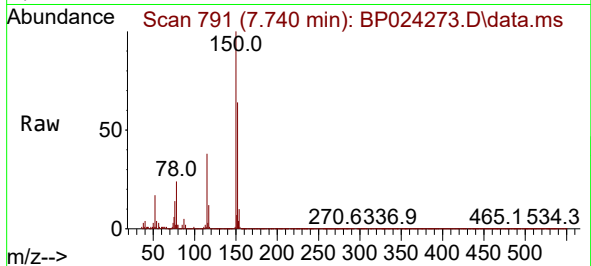




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

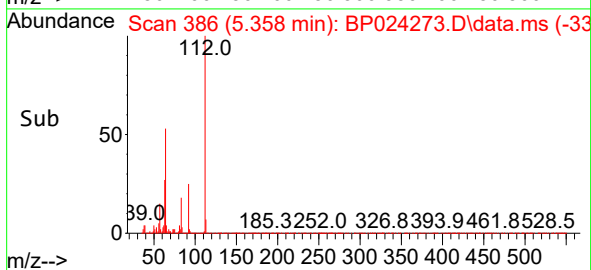
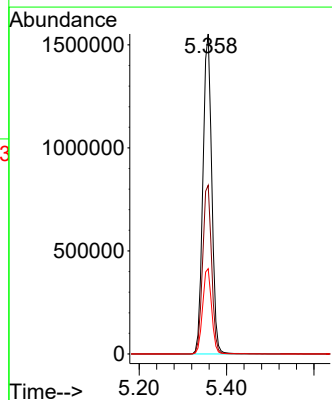
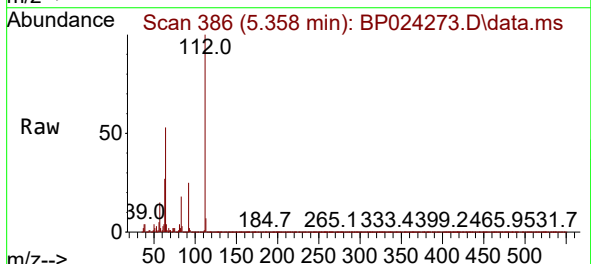
Instrument :
BNA_P
ClientSampleId :
TP-4

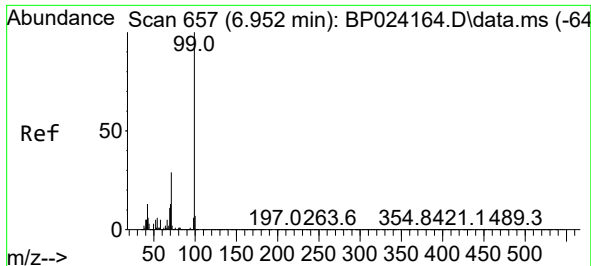
Tgt Ion:152 Resp: 218741
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 59.4 46.3 69.5



#5
2-Fluorophenol
Concen: 159.991 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

Tgt Ion:112 Resp: 2192384
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 26.7 20.6 31.0

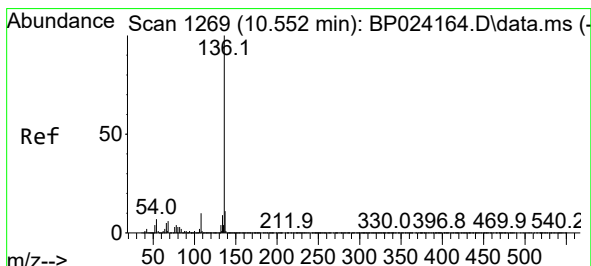
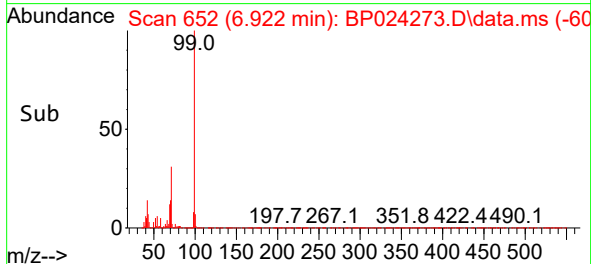
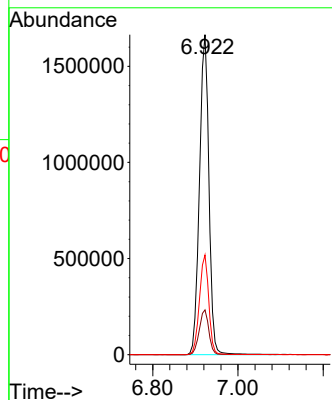
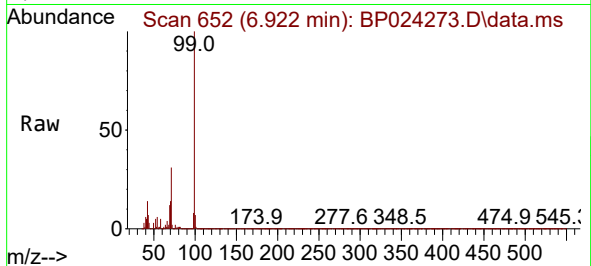




#7
Phenol-d6
Concen: 139.990 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

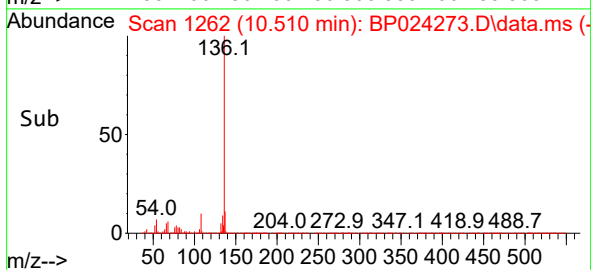
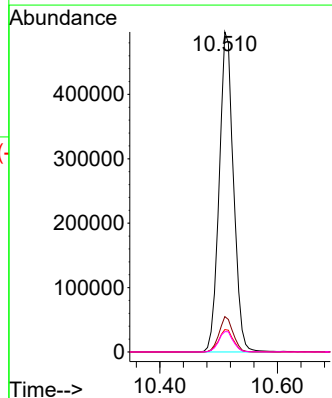
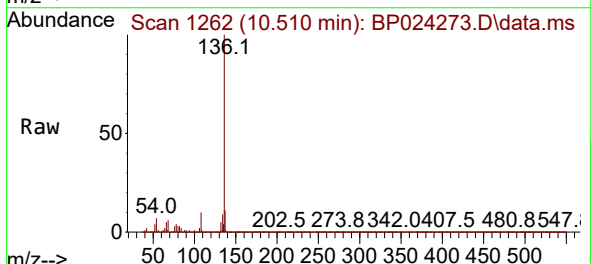
Instrument :
BNA_P
ClientSampleId :
TP-4

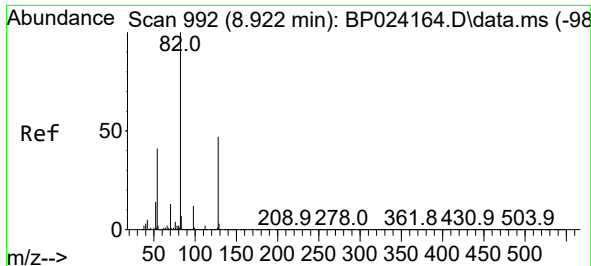
Tgt Ion: 99 Resp: 2565281
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 31.2 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1262
Delta R.T. -0.017 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

Tgt Ion: 136 Resp: 838834
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.0 5.3 7.9
68 6.4 5.0 7.4

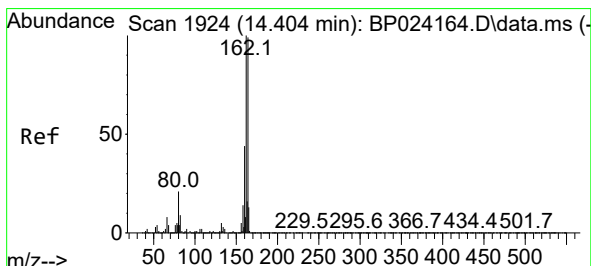
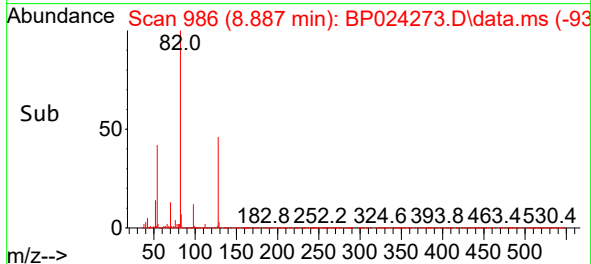
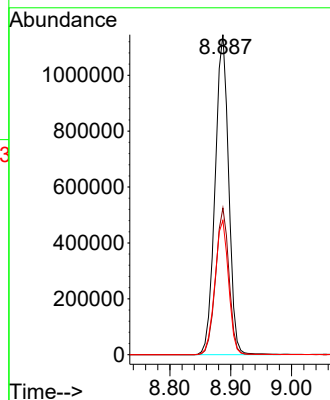
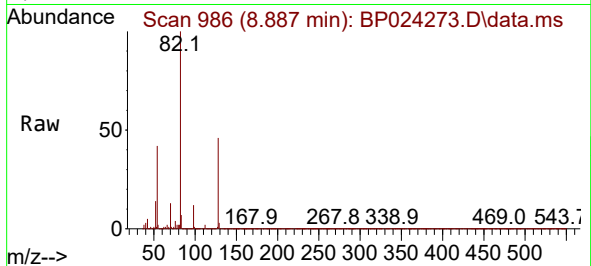




#23
Nitrobenzene-d5
Concen: 119.015 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

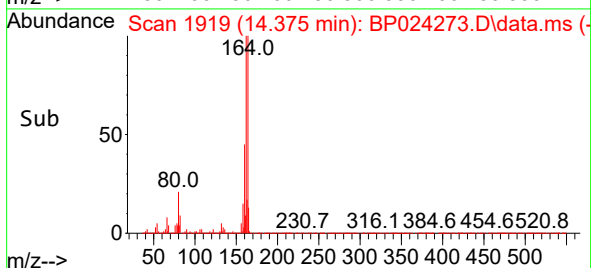
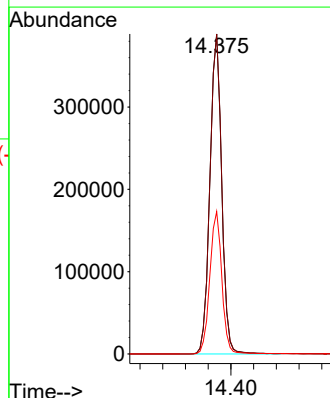
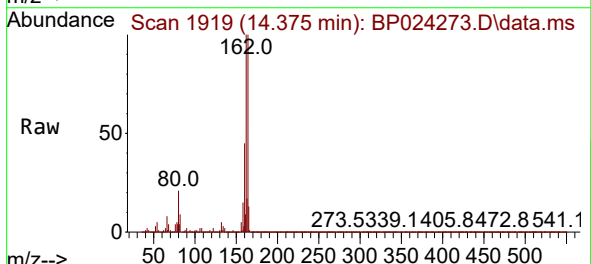
Instrument :
BNA_P
ClientSampleId :
TP-4

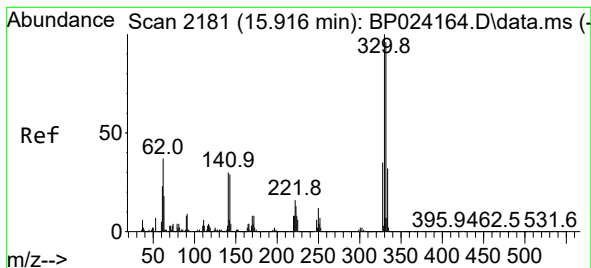
Tgt Ion: 82 Resp: 1769439
Ion Ratio Lower Upper
82 100
128 45.8 37.4 56.0
54 41.9 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.017 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

Tgt Ion:164 Resp: 557871
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 216.745 ng

RT: 15.887 min Scan# 2181

Delta R.T. -0.011 min

Lab File: BP024273.D

Acq: 11 Apr 2025 19:45

Instrument :

BNA_P

ClientSampleId :

TP-4

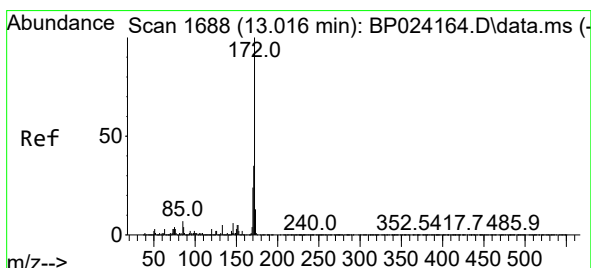
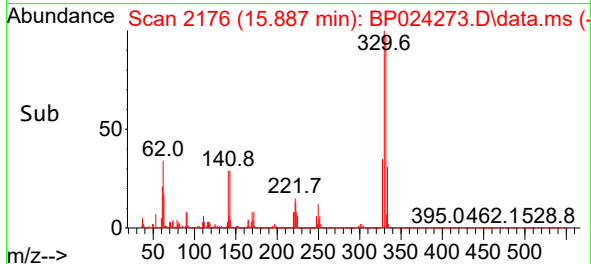
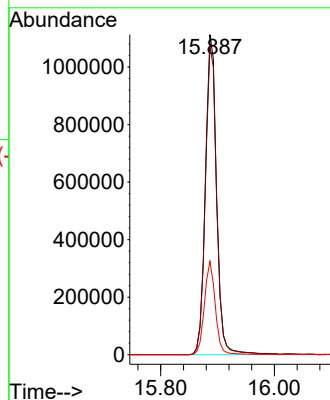
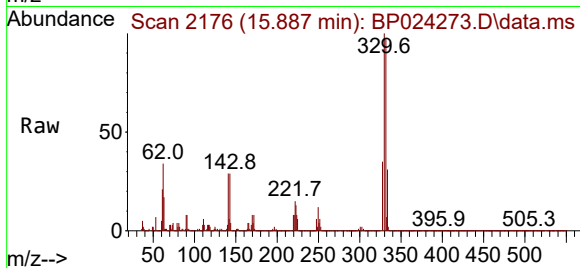
Tgt Ion:330 Resp: 1523086

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 28.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 99.424 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.011 min

Lab File: BP024273.D

Acq: 11 Apr 2025 19:45

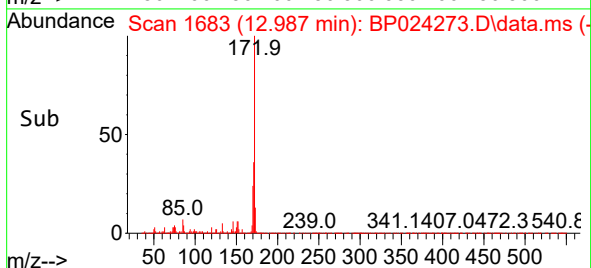
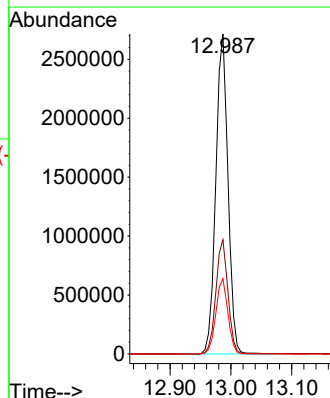
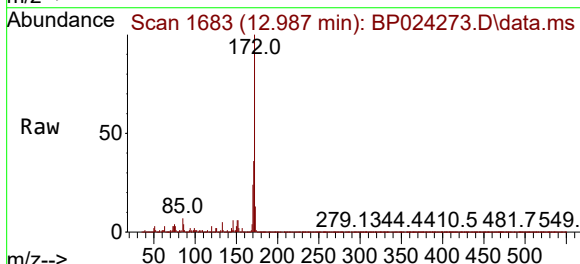
Tgt Ion:172 Resp: 3761611

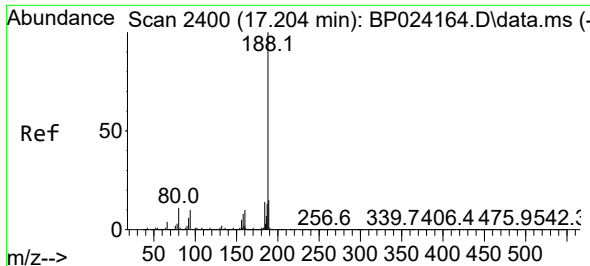
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.0 28.4

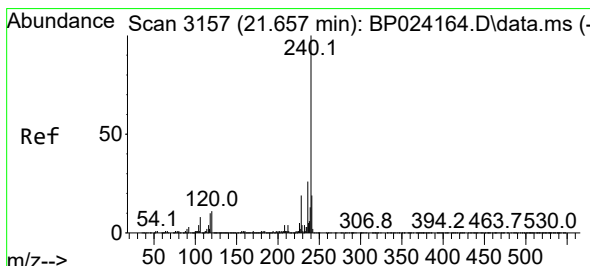
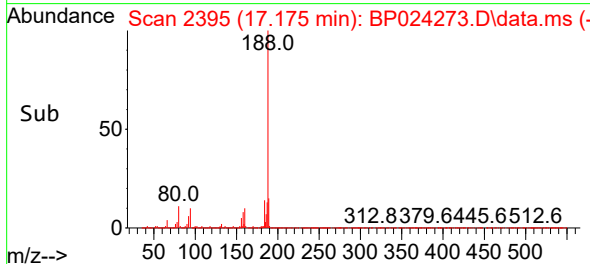
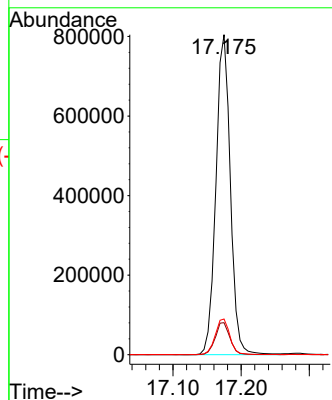
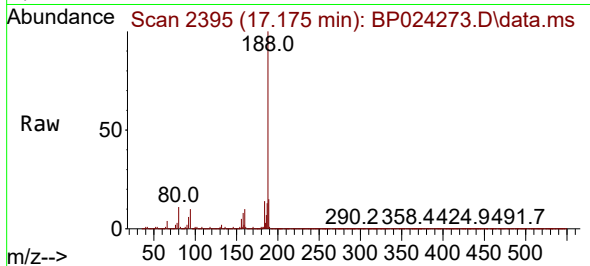




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

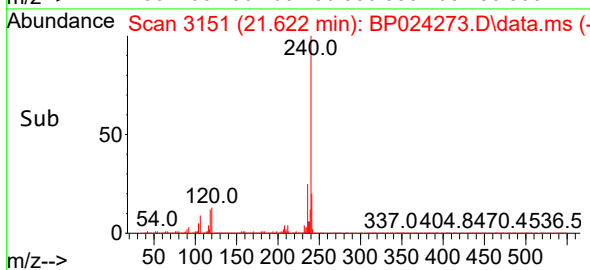
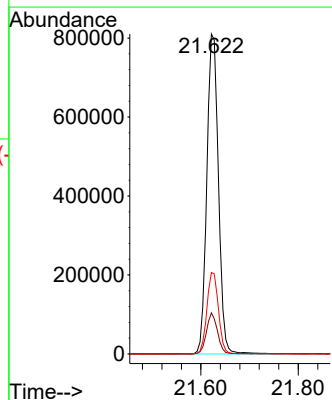
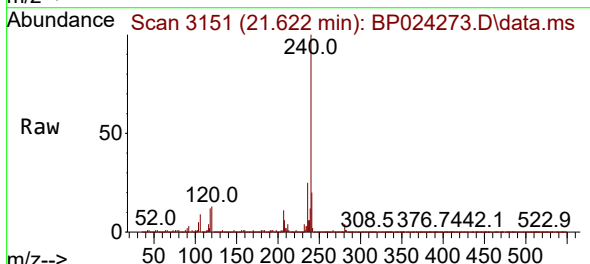
Instrument :
BNA_P
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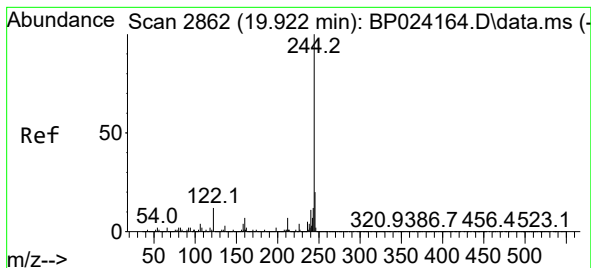
Tgt Ion:188 Resp: 1183862
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. -0.023 min
Lab File: BP024273.D
Acq: 11 Apr 2025 19:45

Tgt Ion:240 Resp: 1334902
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 114.508 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024273.D

Acq: 11 Apr 2025 19:45

Instrument :

BNA_P

ClientSampleId :

TP-4

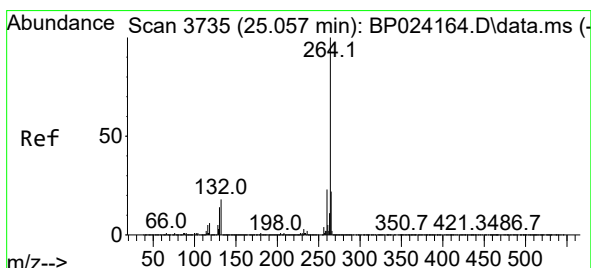
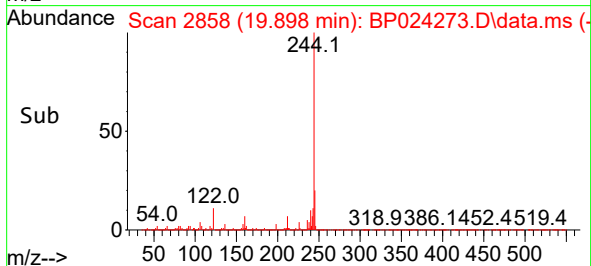
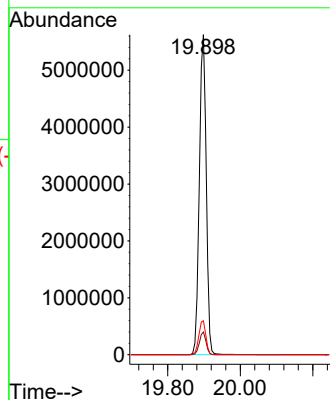
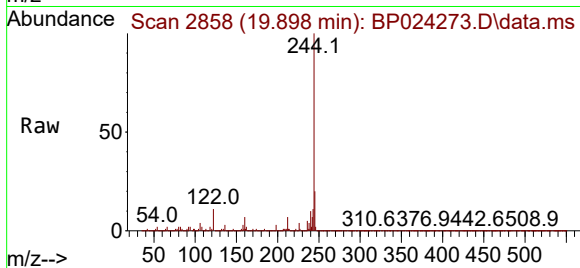
Tgt Ion:244 Resp: 7405074

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. -0.023 min

Lab File: BP024273.D

Acq: 11 Apr 2025 19:45

Tgt Ion:264 Resp: 1394808

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.5 17.7 26.5

