

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024250.D
 Acq On : 10 Apr 2025 13:15
 Operator : RC/JU
 Sample : Q1740-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-20

Quant Time: Apr 10 13:46:45 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	279443	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1104872	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	652312	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1268299	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1378986	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1514466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2349415	134.207	ng	0.00
7) Phenol-d6	6.922	99	2731577	116.685	ng	0.00
23) Nitrobenzene-d5	8.887	82	1869573	95.471	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	1339446	163.015	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4054292	91.646	ng	-0.01
79) Terphenyl-d14	19.898	244	6331251	94.773	ng	-0.02

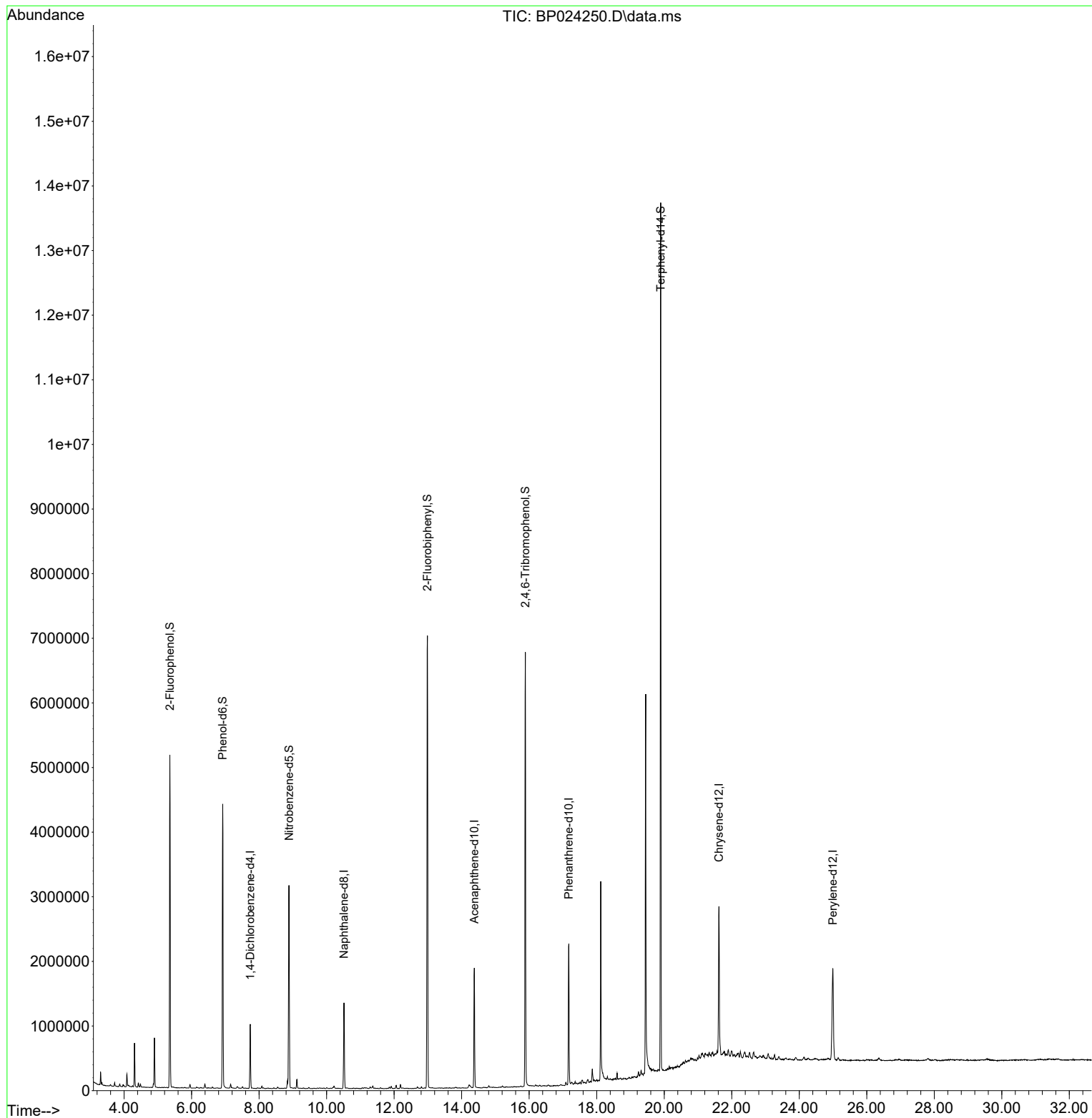
Target Compounds	Qvalue

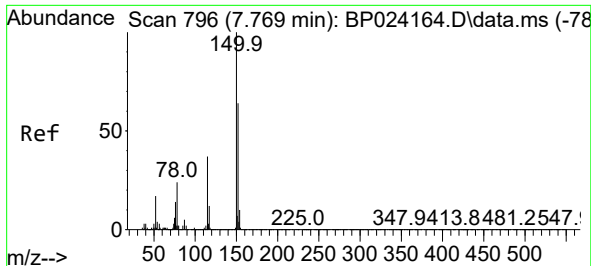
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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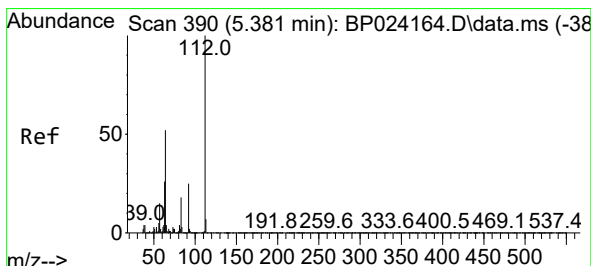
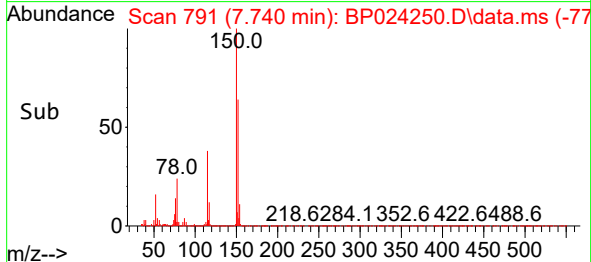
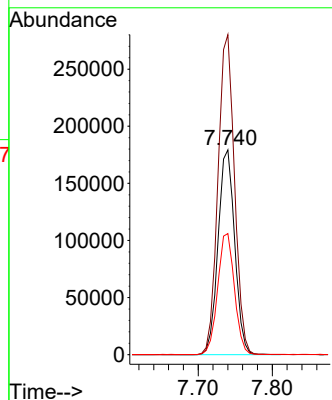
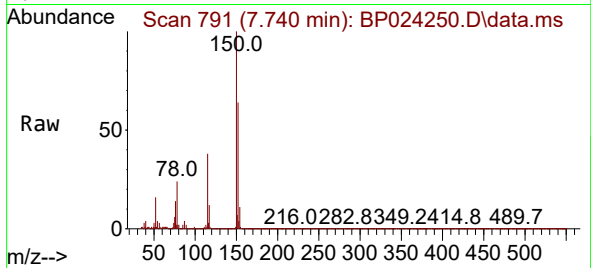




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

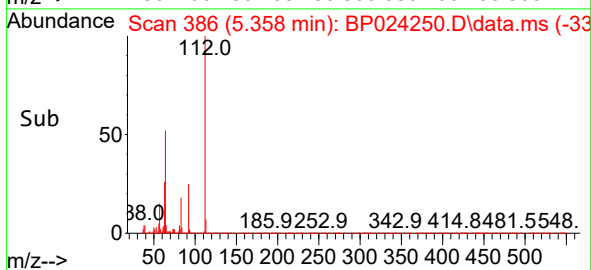
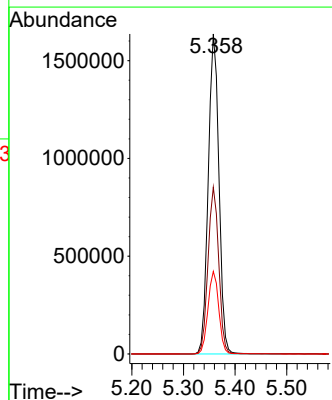
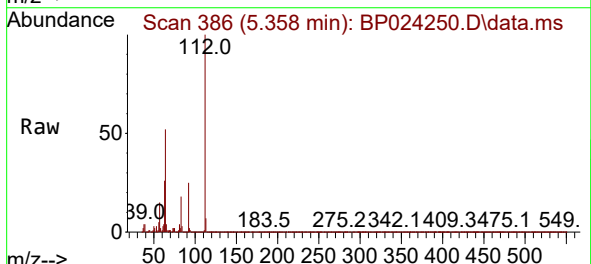
Instrument :
BNA_P
ClientSampleId :
TP-20

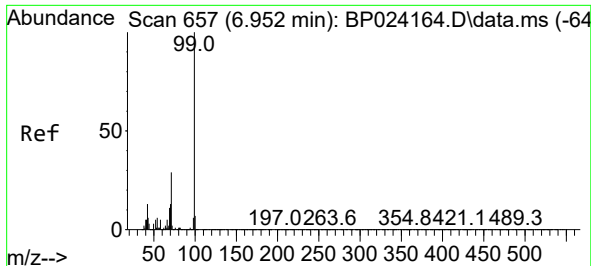
Tgt Ion:152 Resp: 279443
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 59.2 46.3 69.5



#5
2-Fluorophenol
Concen: 134.207 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

Tgt Ion:112 Resp: 2349415
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 25.8 20.6 31.0



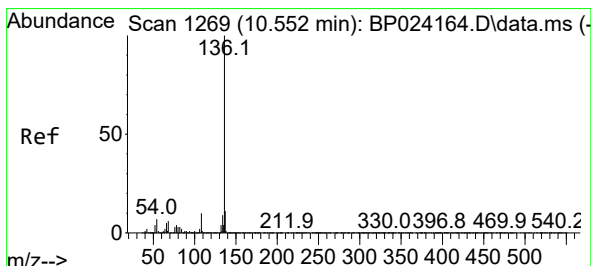
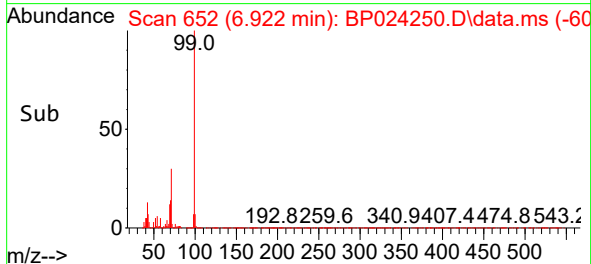
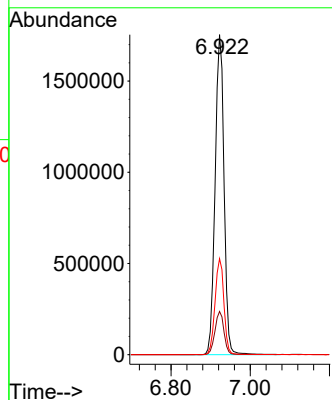
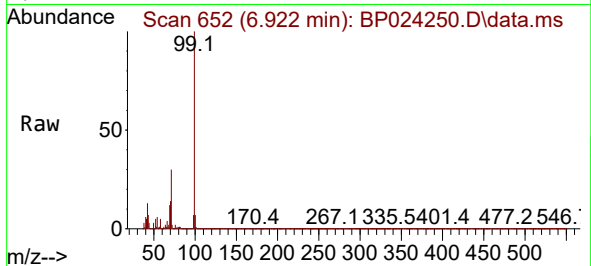


#7
Phenol-d6
Concen: 116.685 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

Instrument :
BNA_P
ClientSampleId :
TP-20

Tgt Ion: 99 Resp: 2731577

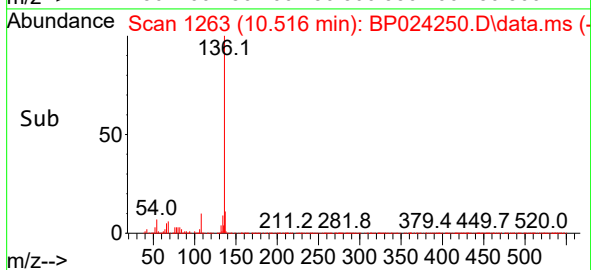
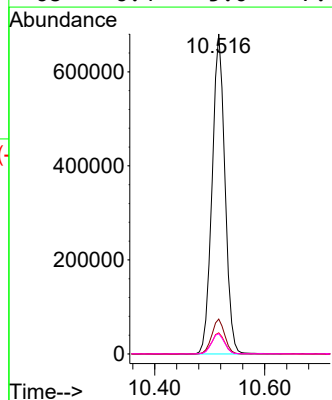
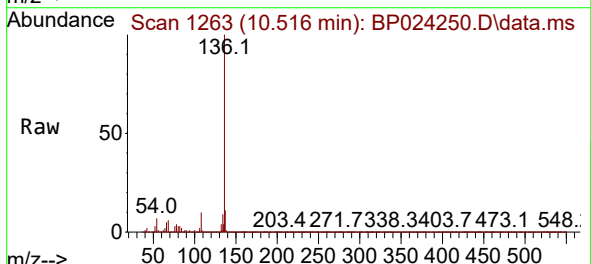
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	30.0	23.3	34.9

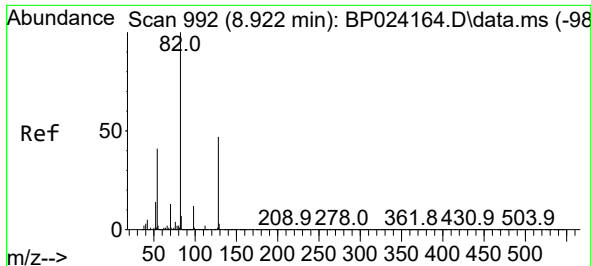


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.011 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

Tgt Ion: 136 Resp: 1104872

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.3	7.9
68	6.4	5.0	7.4

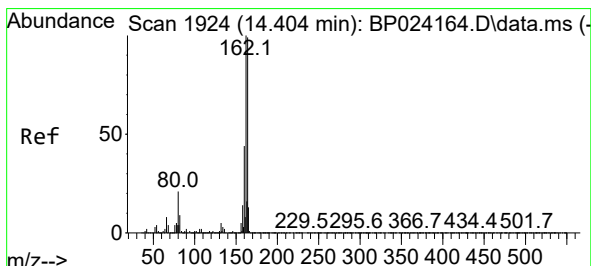
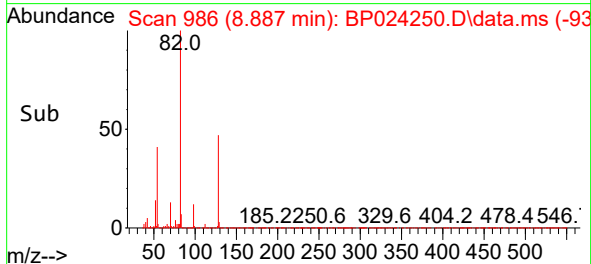
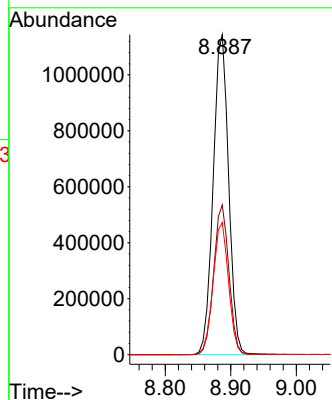
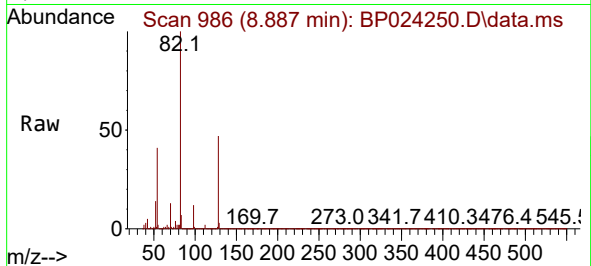




#23
Nitrobenzene-d5
Concen: 95.471 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

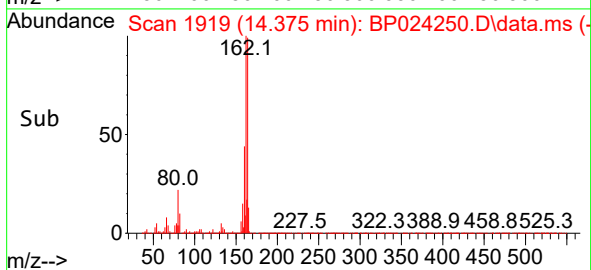
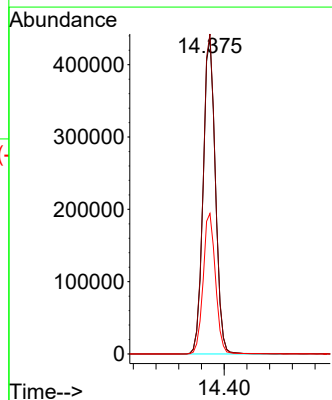
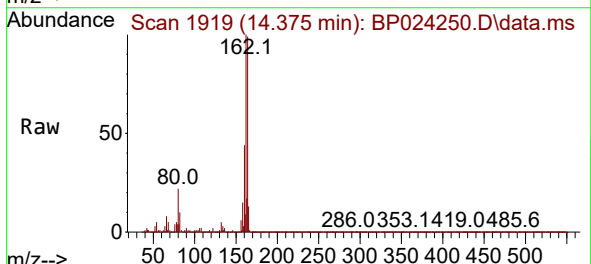
Instrument :
BNA_P
ClientSampleId :
TP-20

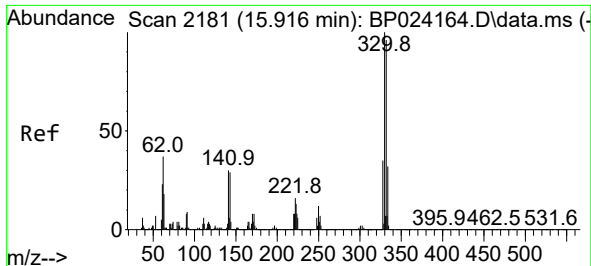
Tgt Ion: 82 Resp: 1869573
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 41.3 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.017 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

Tgt Ion: 164 Resp: 652312
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 44.4 35.4 53.2

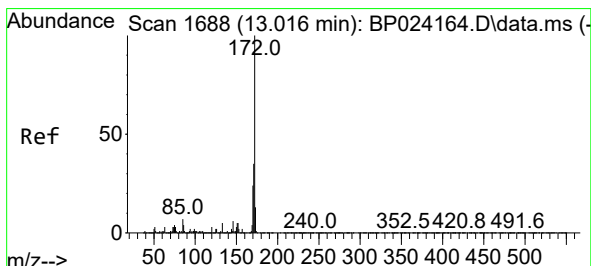
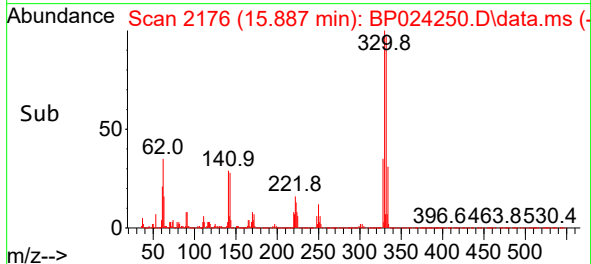
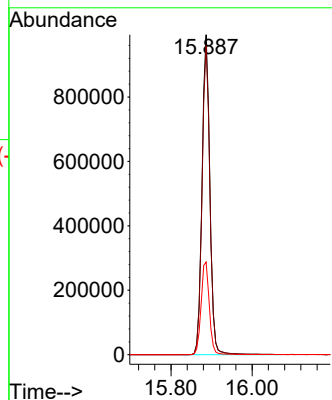
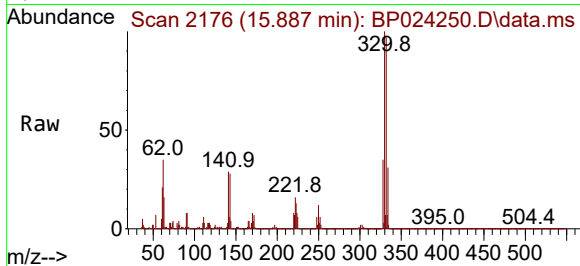




#42
2,4,6-Tribromophenol
Concen: 163.015 ng
RT: 15.887 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

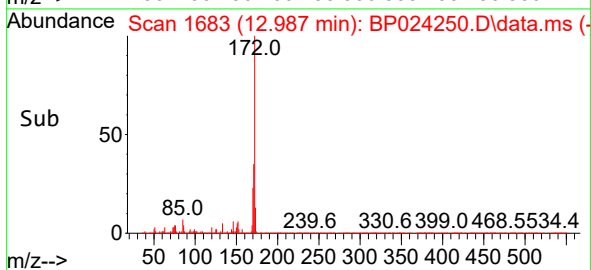
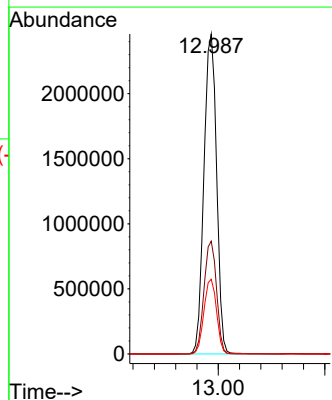
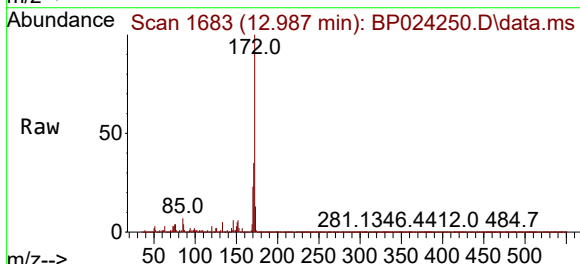
Instrument :
BNA_P
ClientSampleId :
TP-20

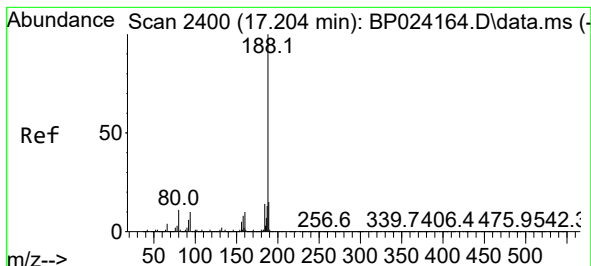
Tgt Ion: 330 Resp: 1339446
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.4 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 91.646 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BP024250.D
Acq: 10 Apr 2025 13:15

Tgt Ion: 172 Resp: 4054292
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 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: BP024250.D

Acq: 10 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

TP-20

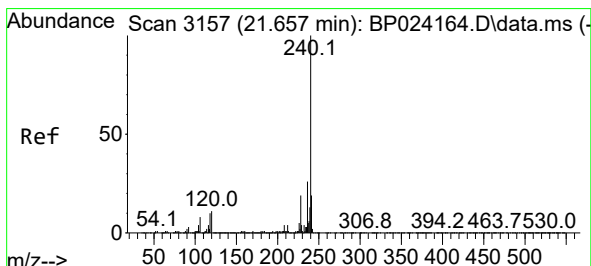
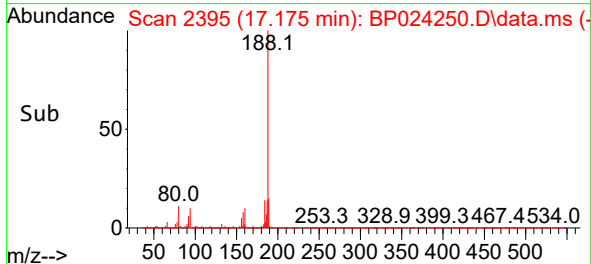
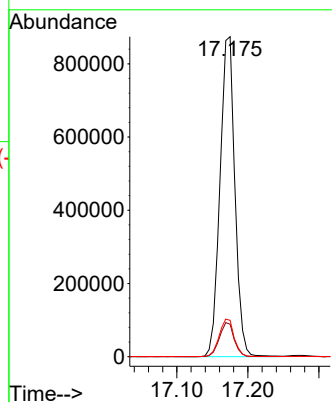
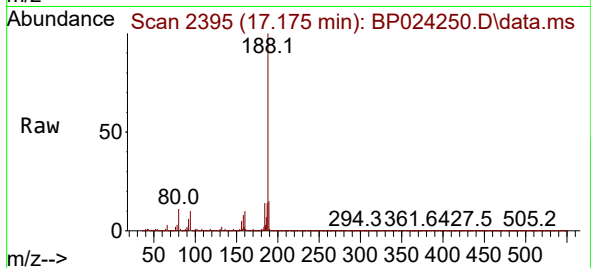
Tgt Ion:188 Resp: 1268299

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 11.3 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: BP024250.D

Acq: 10 Apr 2025 13:15

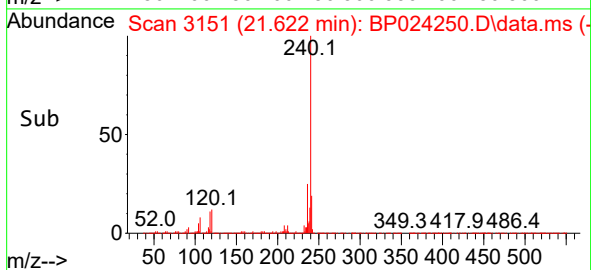
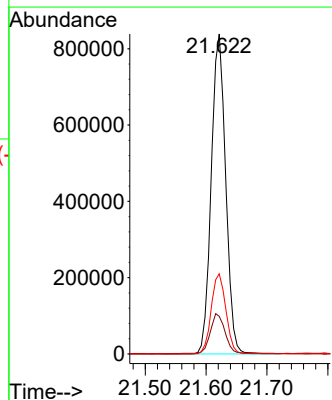
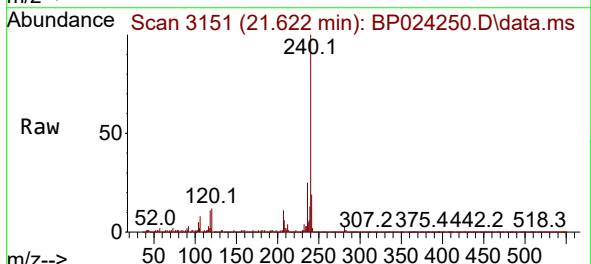
Tgt Ion:240 Resp: 1378986

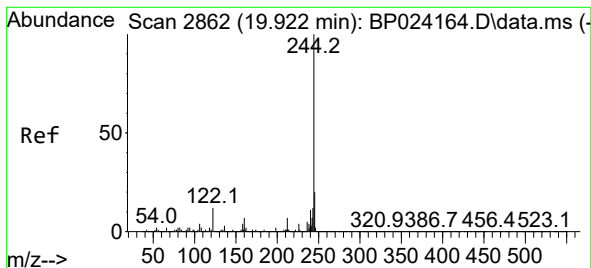
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 94.773 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.017 min

Lab File: BP024250.D

Acq: 10 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

TP-20

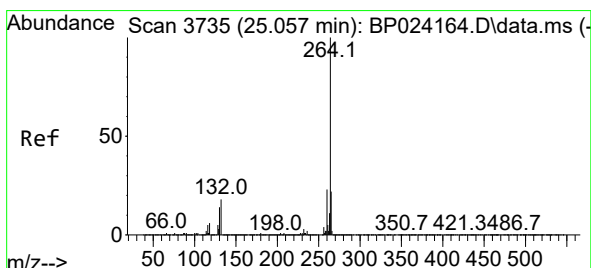
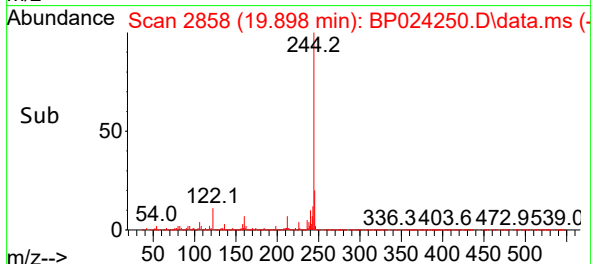
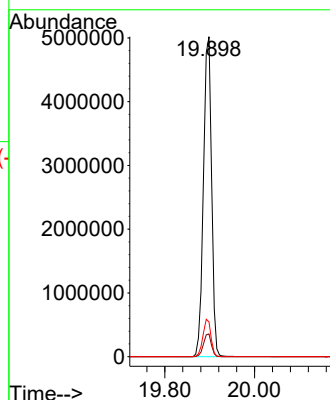
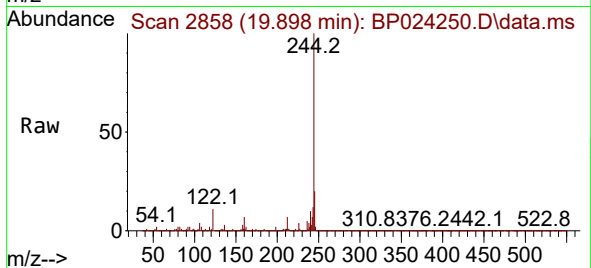
Tgt Ion:244 Resp: 6331251

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.011 min

Lab File: BP024250.D

Acq: 10 Apr 2025 13:15

Tgt Ion:264 Resp: 1514466

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.1 17.7 26.5

