

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024270.D
 Acq On : 11 Apr 2025 17:42
 Operator : RC/JU
 Sample : Q1744-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-158-SB02

Quant Time: Apr 11 18:25:25 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	241596	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	924650	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	524708	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1030674	20.000	ng	-0.02
76) Chrysene-d12	21.610	240	1146421	20.000	ng	-0.04
86) Perylene-d12	24.974	264	1313027	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1998621	132.054	ng	0.00
7) Phenol-d6	6.922	99	2292170	113.253	ng	0.00
23) Nitrobenzene-d5	8.887	82	1656466	101.076	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	1043223	157.840	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	3429390	96.372	ng	-0.01
79) Terphenyl-d14	19.892	244	5592269	100.693	ng	-0.02

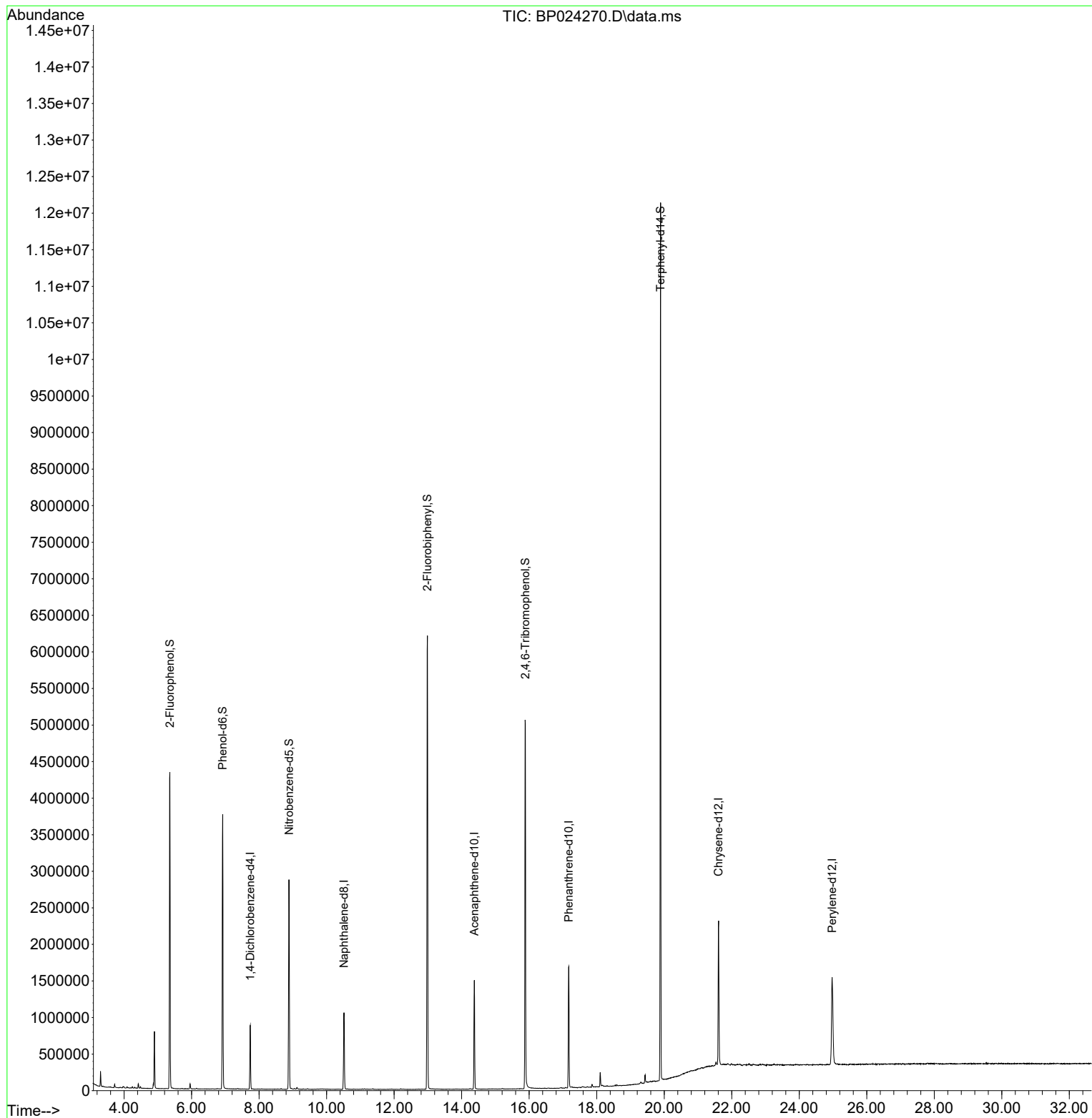
Target Compounds	Qvalue

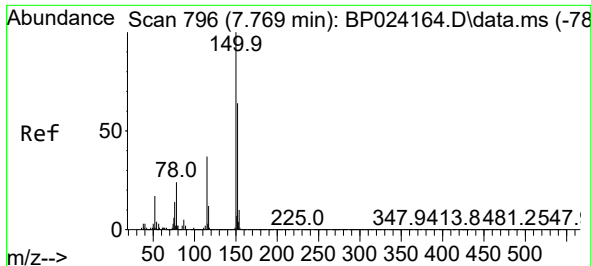
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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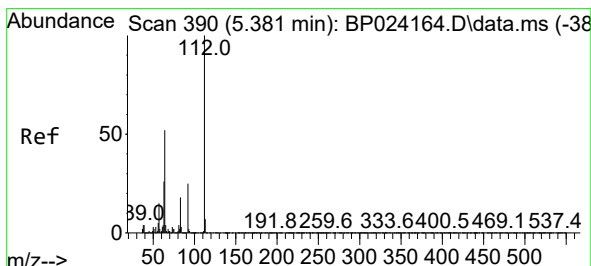
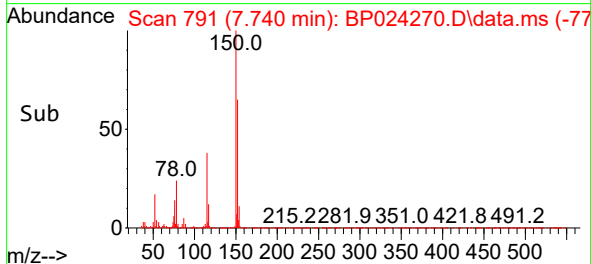
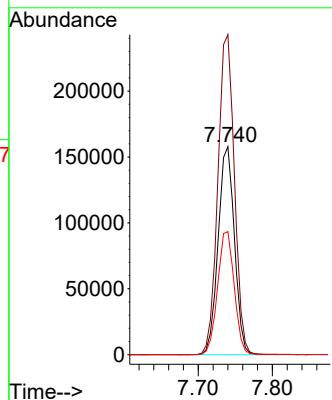
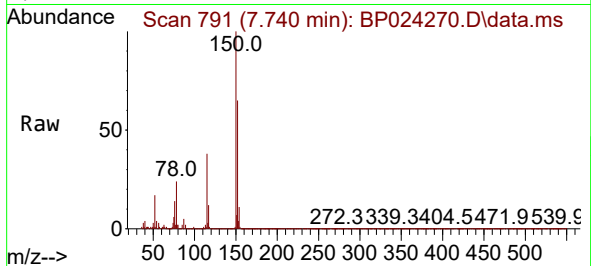




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

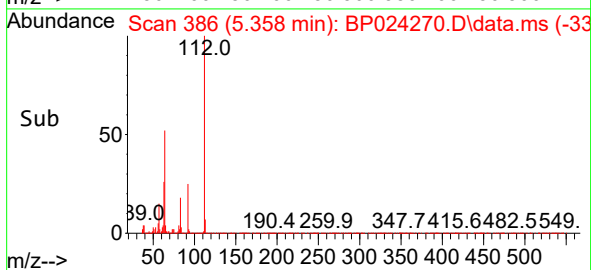
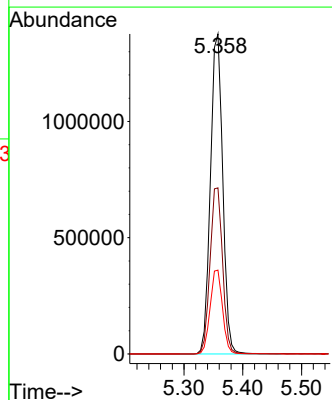
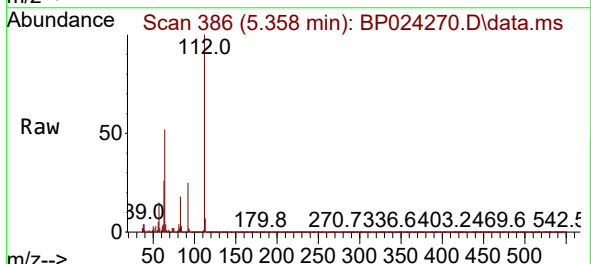
Instrument :
BNA_P
ClientSampleId :
B-158-SB02

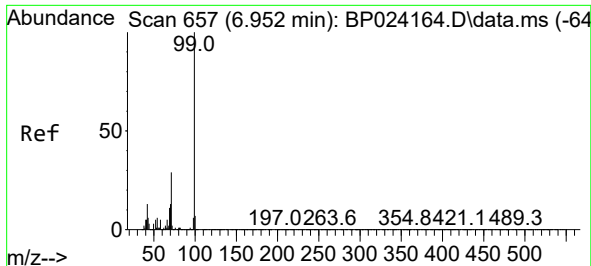
Tgt Ion:152 Resp: 241596
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 59.2 46.3 69.5



#5
2-Fluorophenol
Concen: 132.054 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

Tgt Ion:112 Resp: 1998621
Ion Ratio Lower Upper
112 100
64 51.9 41.3 61.9
63 26.2 20.6 31.0

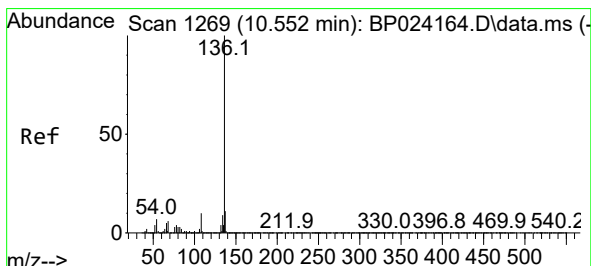
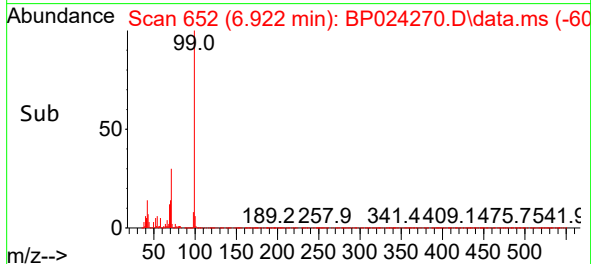
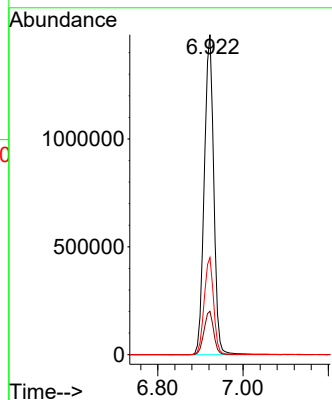
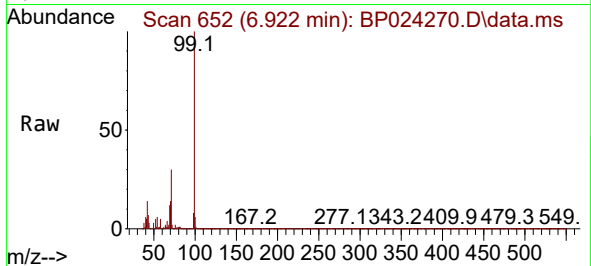




#7
Phenol-d6
Concen: 113.253 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

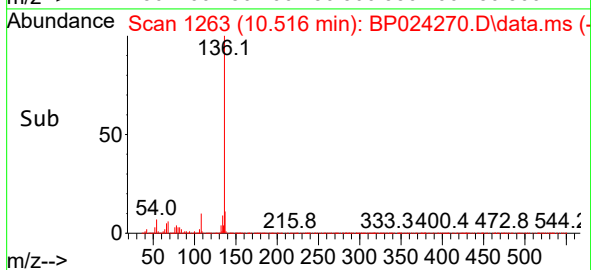
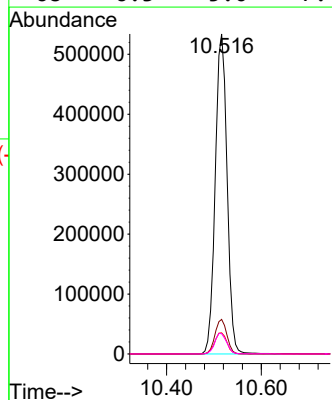
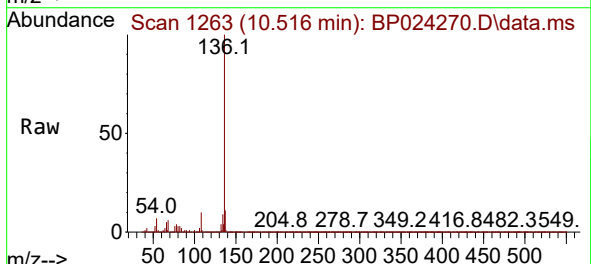
Instrument :
BNA_P
ClientSampleId :
B-158-SB02

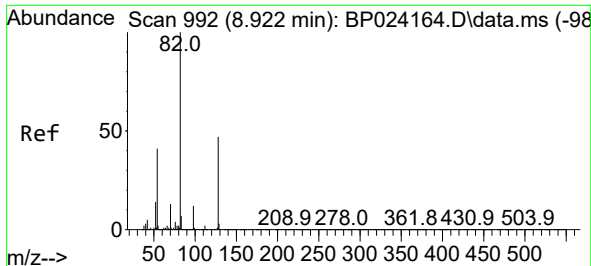
Tgt Ion: 99 Resp: 2292170
Ion Ratio Lower Upper
99 100
42 13.5 10.6 16.0
71 30.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

Tgt Ion: 136 Resp: 924650
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.6 5.3 7.9
68 6.3 5.0 7.4

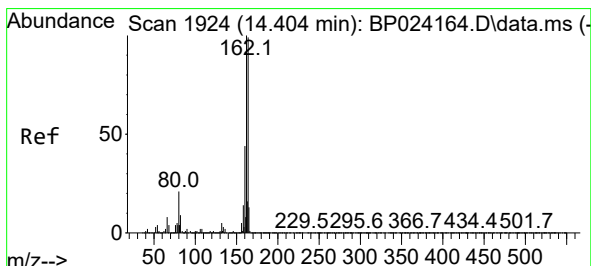
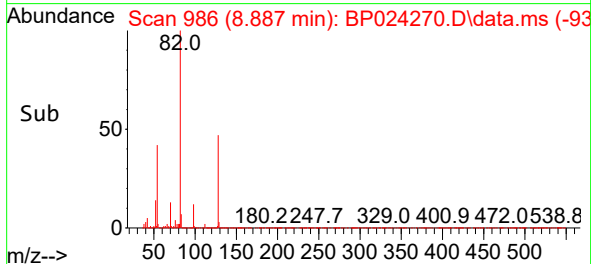
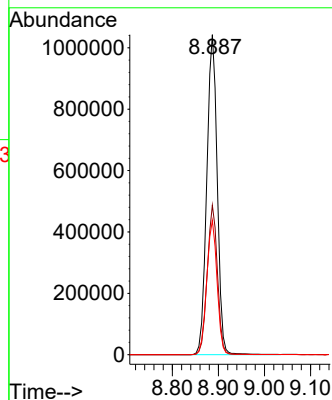
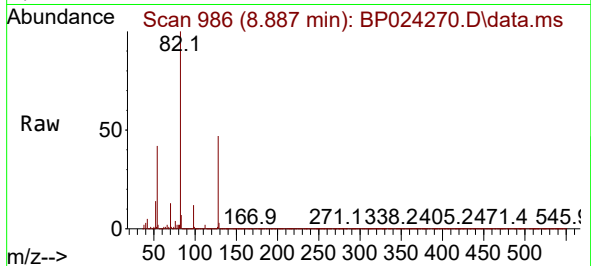




#23
Nitrobenzene-d5
Concen: 101.076 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

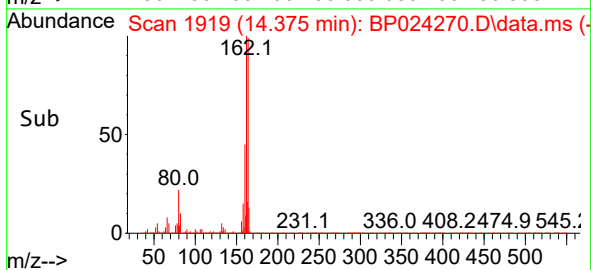
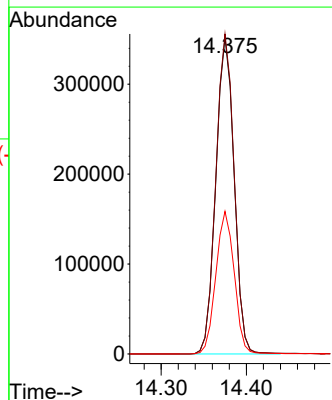
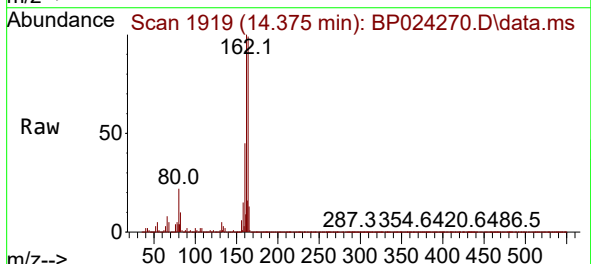
Instrument :
BNA_P
ClientSampleId :
B-158-SB02

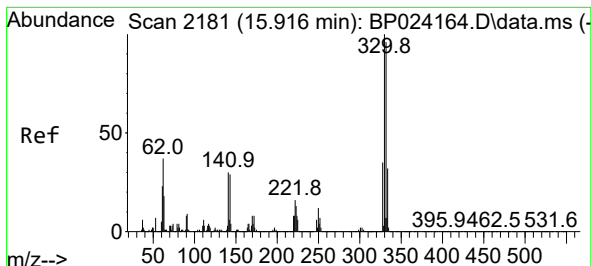
Tgt Ion: 82 Resp: 1656466
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 42.0 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.017 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

Tgt Ion:164 Resp: 524708
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 157.840 ng

RT: 15.887 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BP024270.D

Acq: 11 Apr 2025 17:42

Instrument :

BNA_P

ClientSampleId :

B-158-SB02

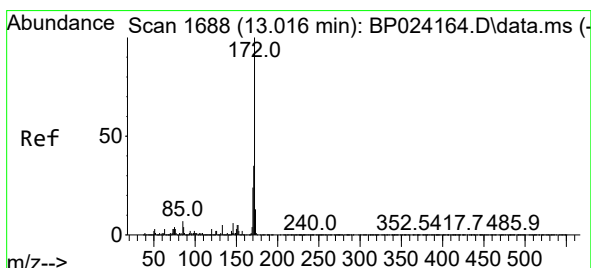
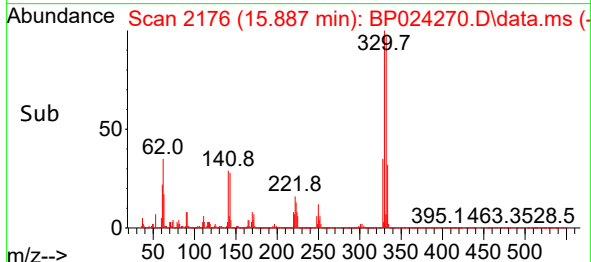
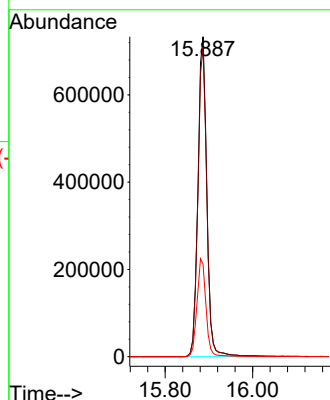
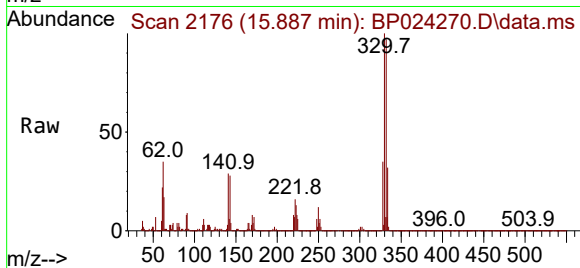
Tgt Ion:330 Resp: 1043223

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

141 31.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 96.372 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024270.D

Acq: 11 Apr 2025 17:42

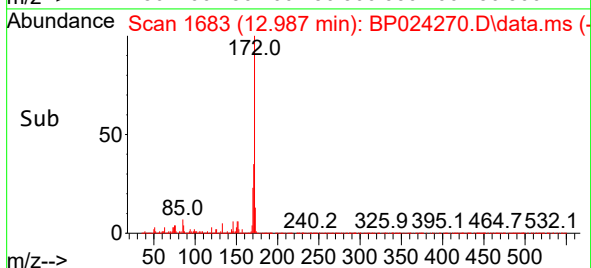
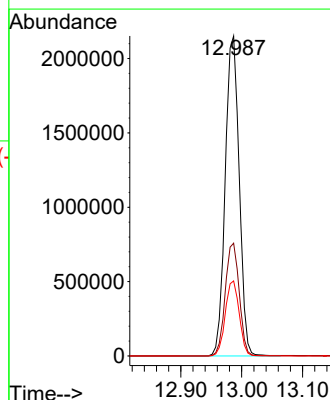
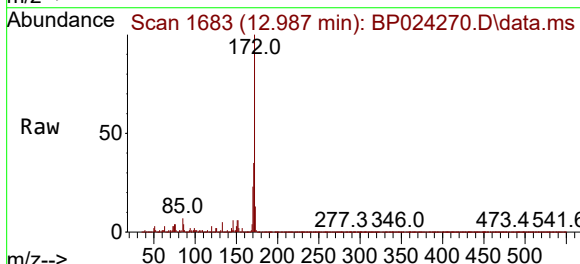
Tgt Ion:172 Resp: 3429390

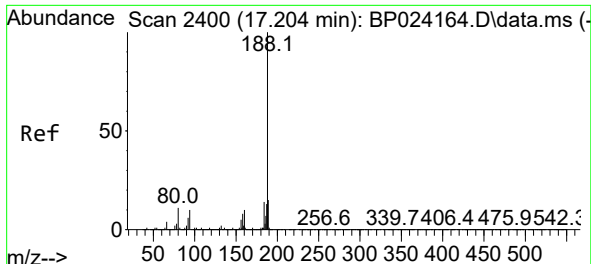
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4

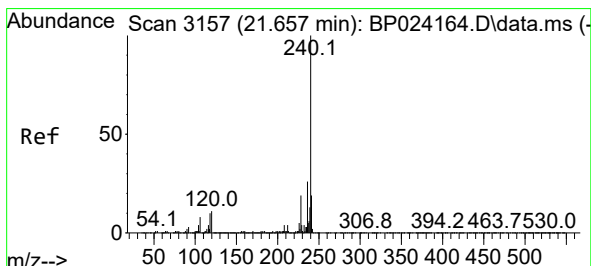
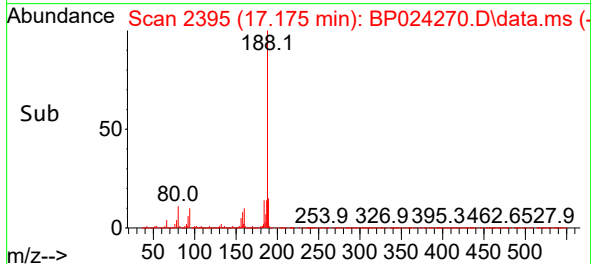
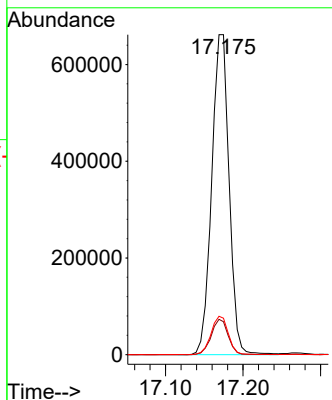
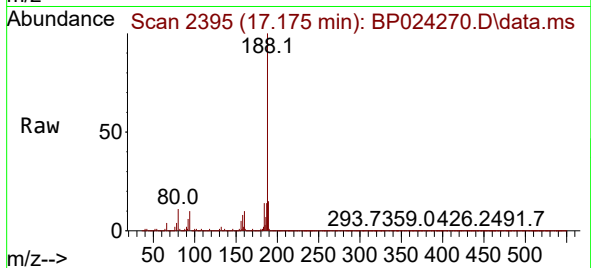




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

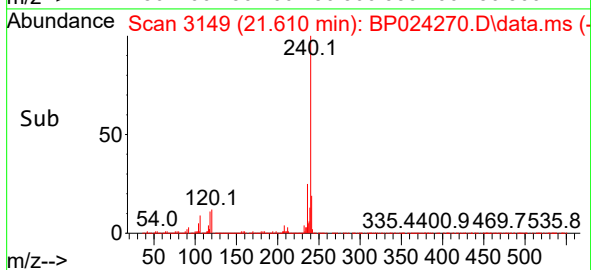
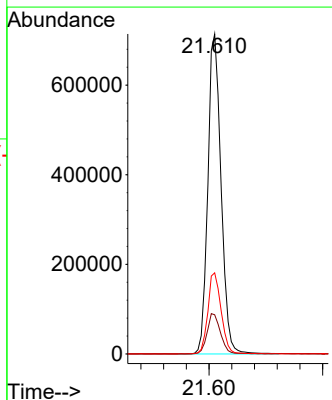
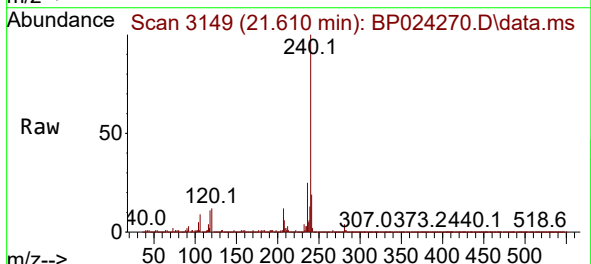
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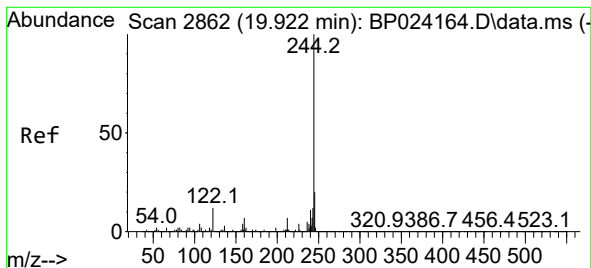
Tgt Ion:188 Resp: 1030674
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. -0.035 min
Lab File: BP024270.D
Acq: 11 Apr 2025 17:42

Tgt Ion:240 Resp: 1146421
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 100.693 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024270.D

Acq: 11 Apr 2025 17:42

Instrument :

BNA_P

ClientSampleId :

B-158-SB02

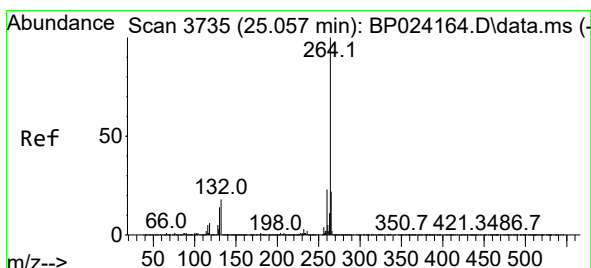
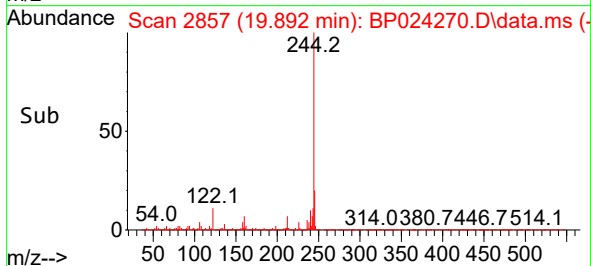
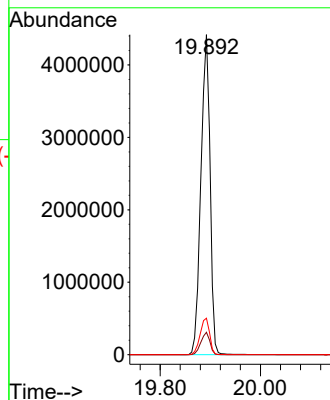
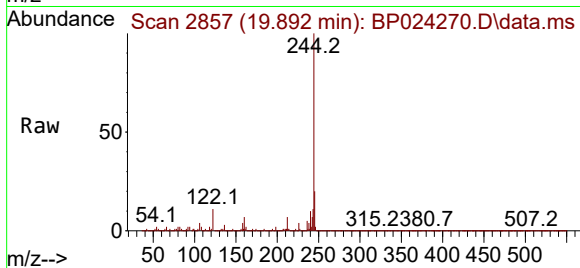
Tgt Ion:244 Resp: 5592269

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3721

Delta R.T. -0.035 min

Lab File: BP024270.D

Acq: 11 Apr 2025 17:42

Tgt Ion:264 Resp: 1313027

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.2 17.7 26.5

