

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024541.D
 Acq On : 06 May 2025 10:58
 Operator : RC/JU
 Sample : PB167847BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BL

Quant Time: May 06 13:43:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	167503	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	646551	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	376840	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	735943	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	805578	20.000	ng	-0.01
86) Perylene-d12	24.903	264	936452	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1393346	137.540	ng	-0.01
7) Phenol-d6	6.898	99	1667950	120.243	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1038164	91.559	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	817611	156.817	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2320735	94.292	ng	-0.02
79) Terphenyl-d14	19.857	244	3804199	95.185	ng	-0.02

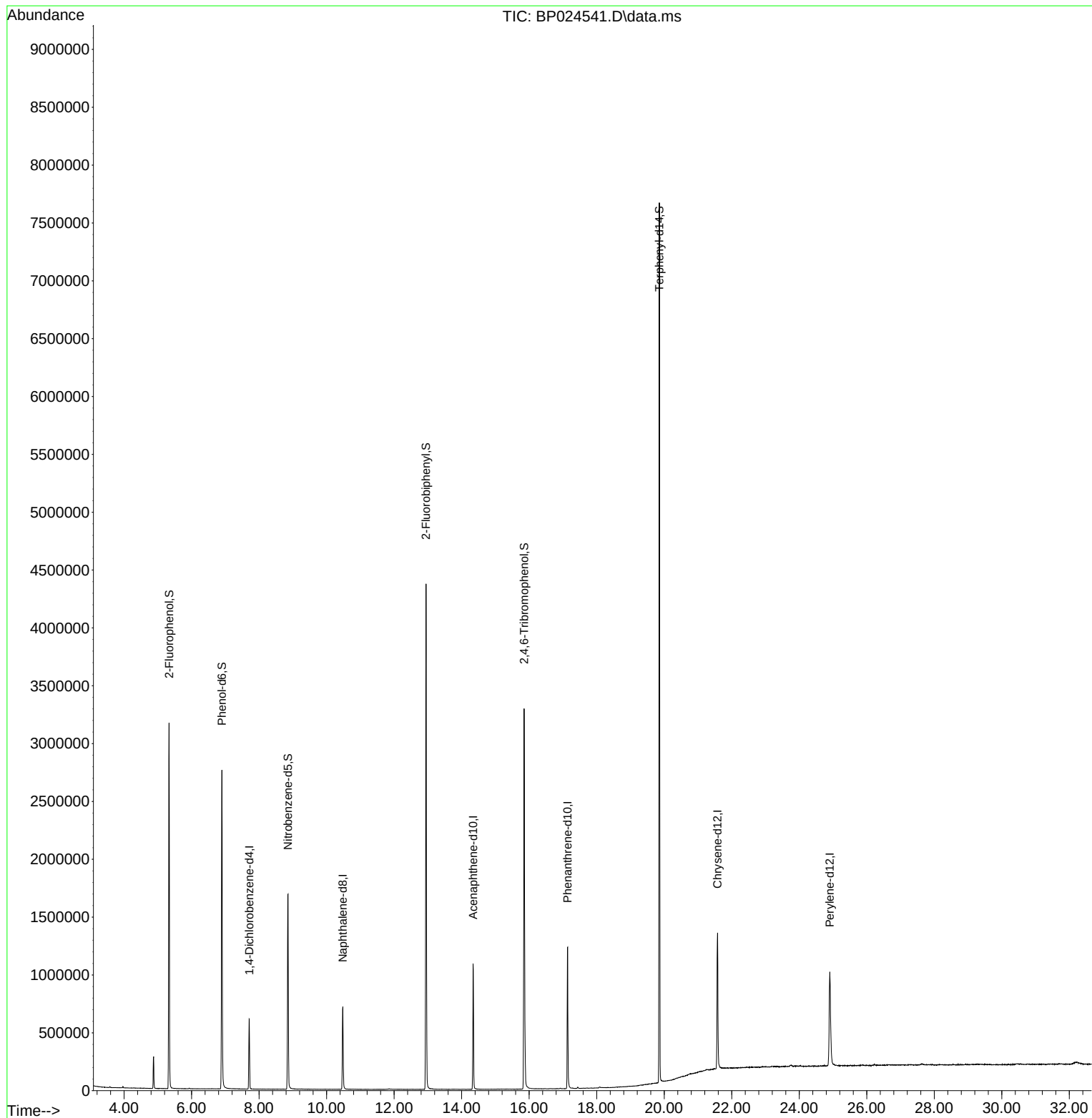
Target Compounds	Qvalue

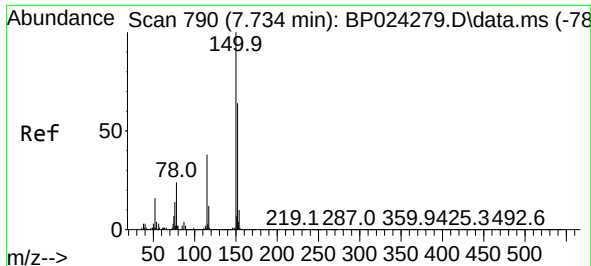
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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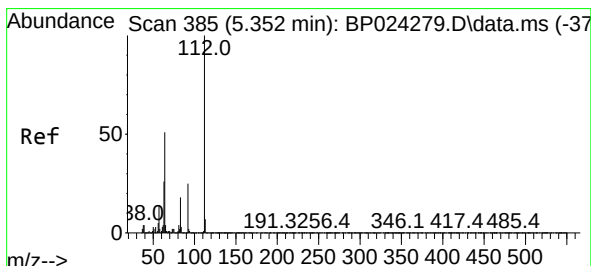
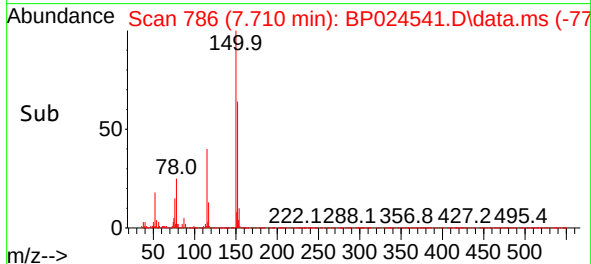
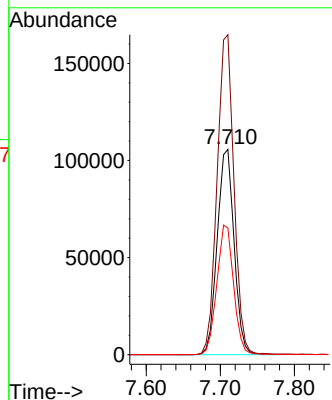
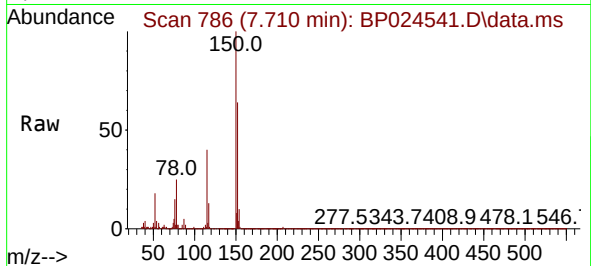




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

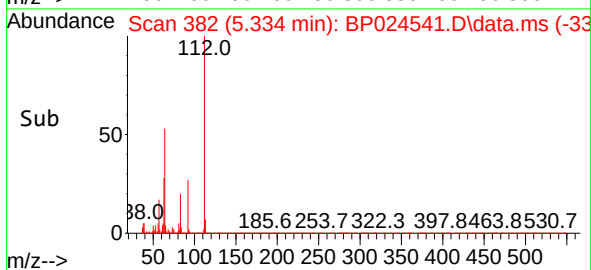
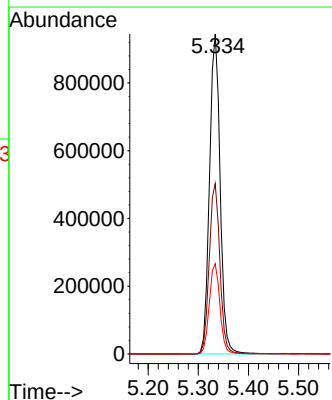
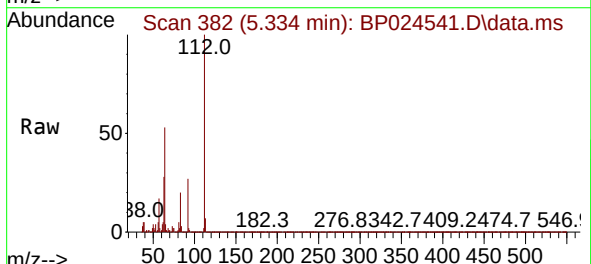
Instrument :
BNA_P
ClientSampleId :
PB167847BL

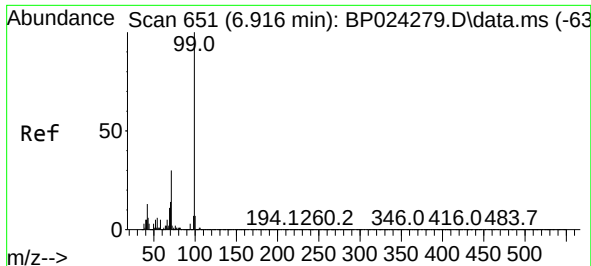
Tgt Ion:152 Resp: 167503
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 137.540 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

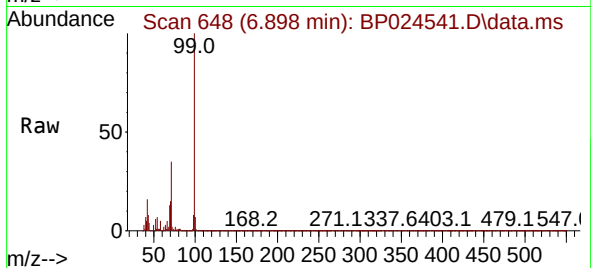
Tgt Ion:112 Resp: 1393346
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 28.2 20.6 30.8



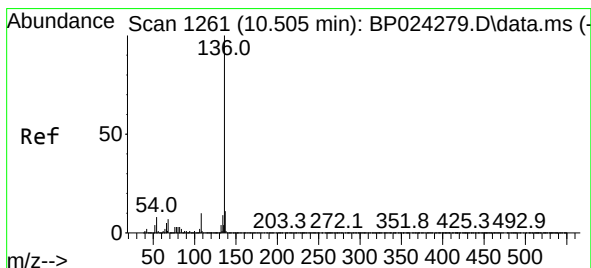
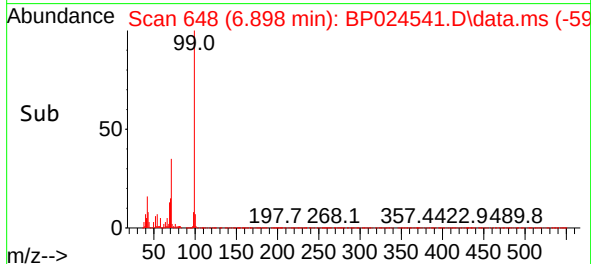
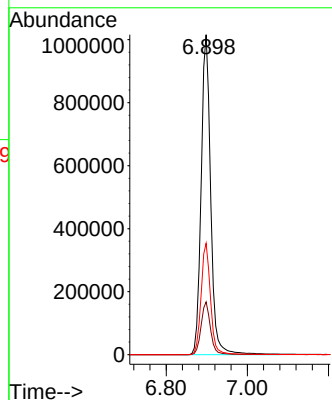


#7
Phenol-d6
Concen: 120.243 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB167847BL

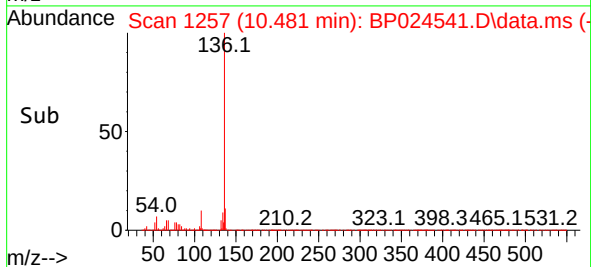
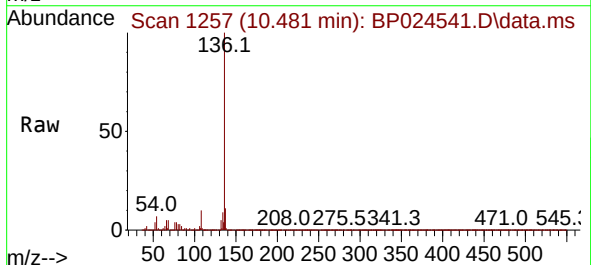
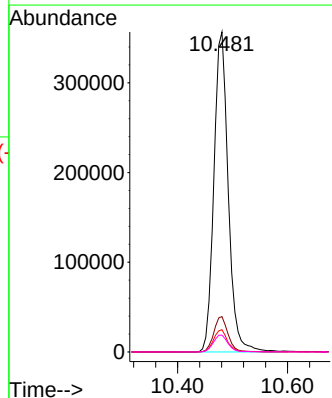


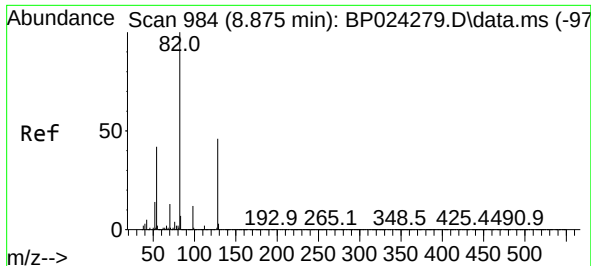
Tgt Ion: 99 Resp: 1667950
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion: 136 Resp: 646551
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.0 6.0 9.0
68 5.2 5.5 8.3#

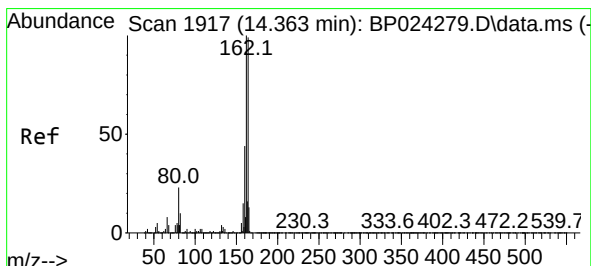
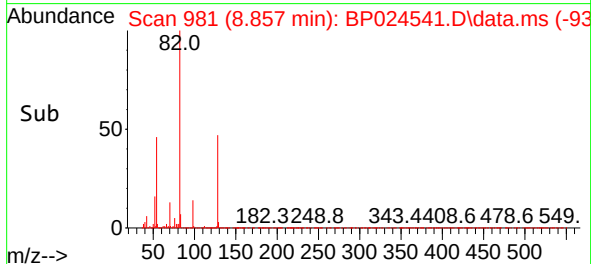
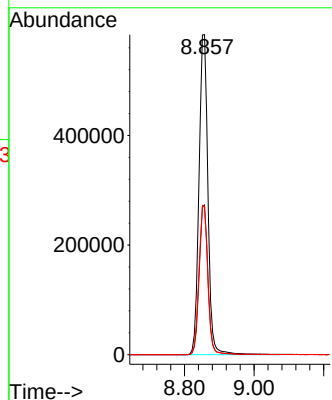
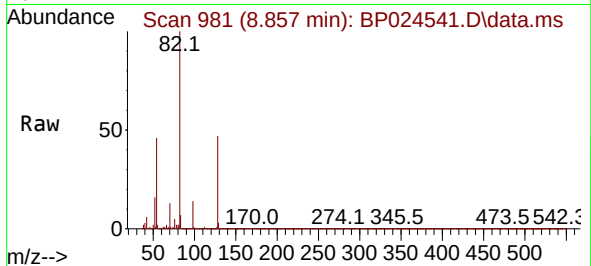




#23
Nitrobenzene-d5
Concen: 91.559 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

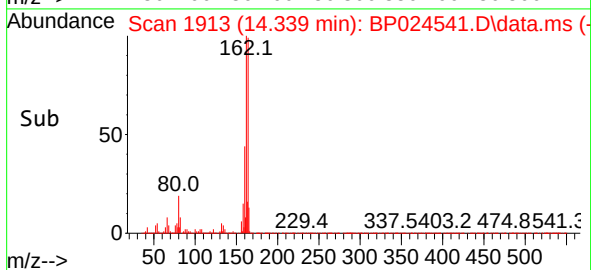
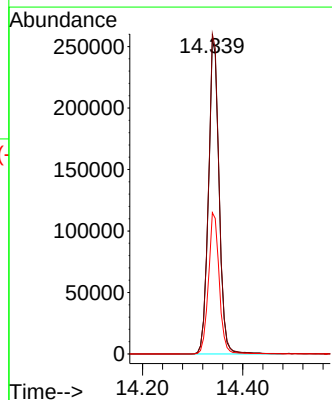
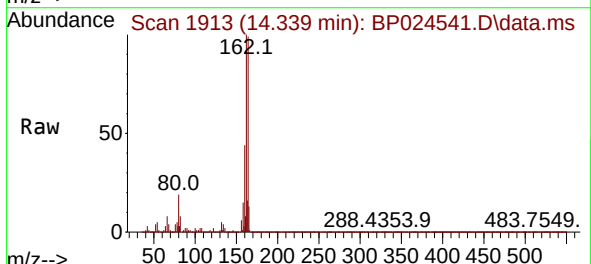
Instrument :
BNA_P
ClientSampleId :
PB167847BL

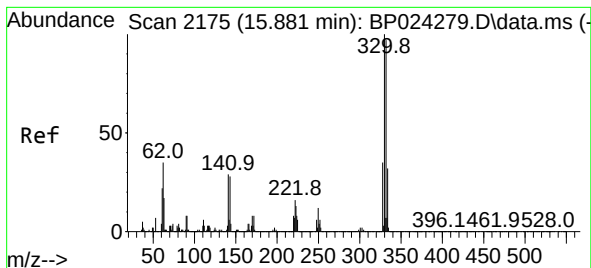
Tgt Ion: 82 Resp: 1038164
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 46.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion:164 Resp: 376840
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 156.817 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB167847BL

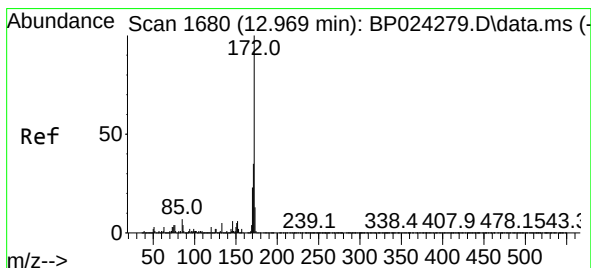
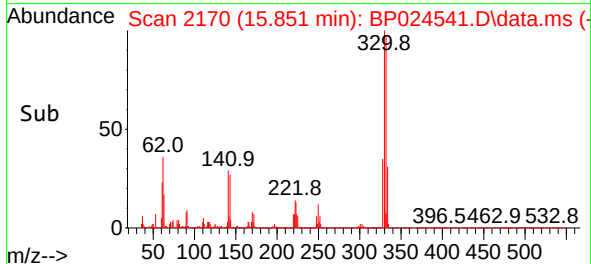
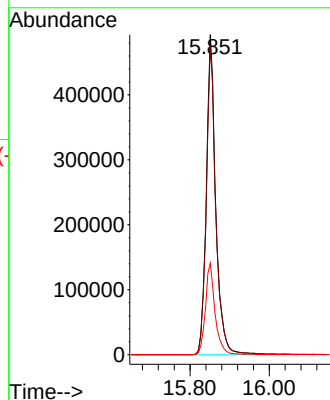
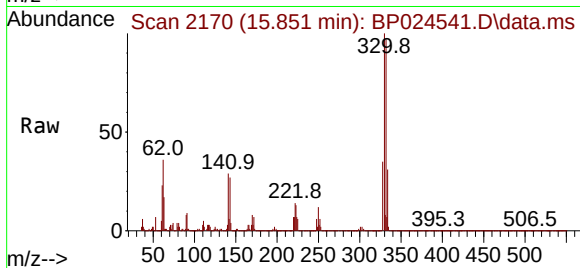
Tgt Ion:330 Resp: 817611

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 29.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.292 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

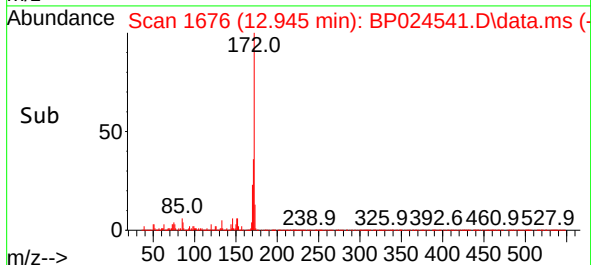
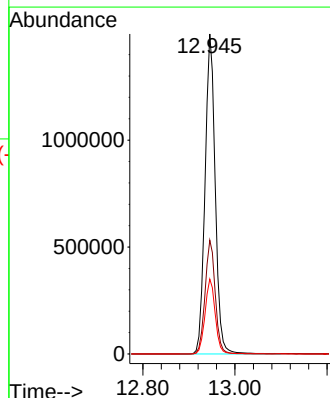
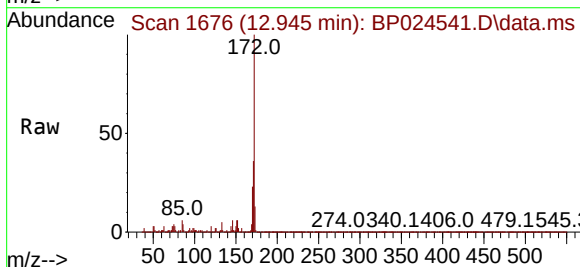
Tgt Ion:172 Resp: 2320735

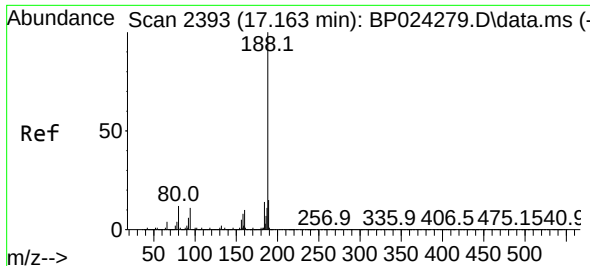
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.4 18.6 27.8

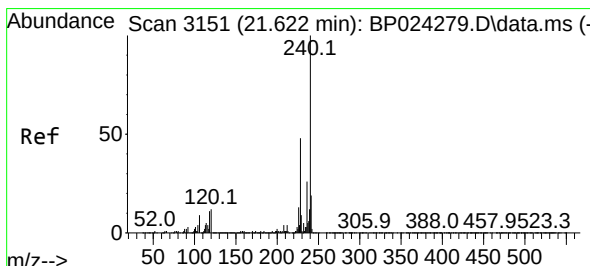
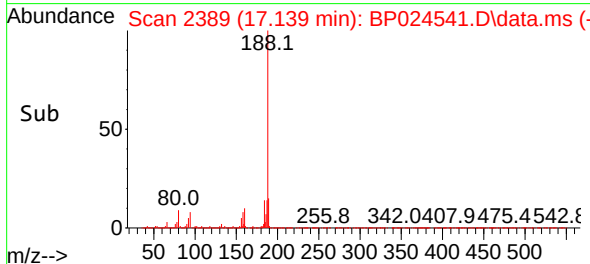
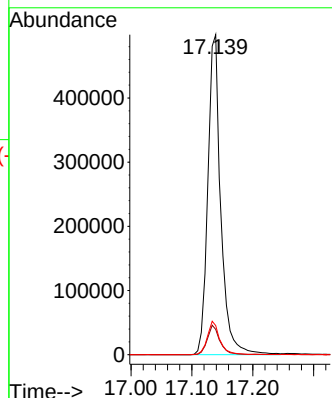
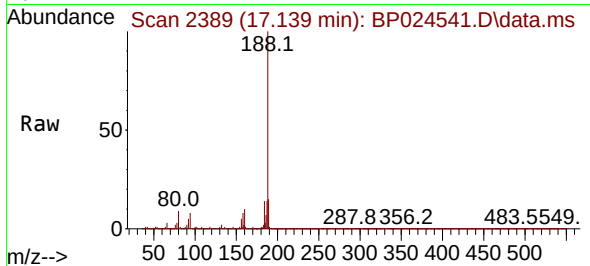




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

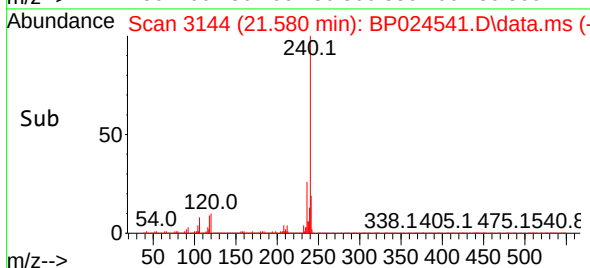
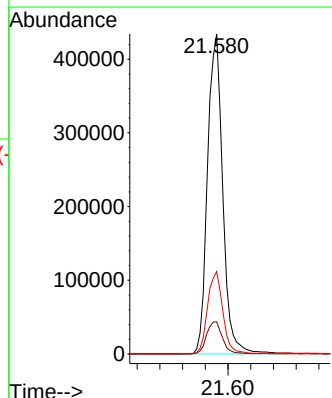
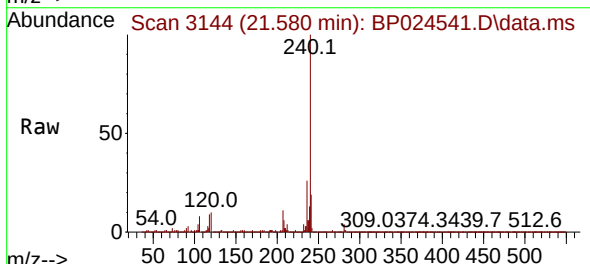
Instrument :
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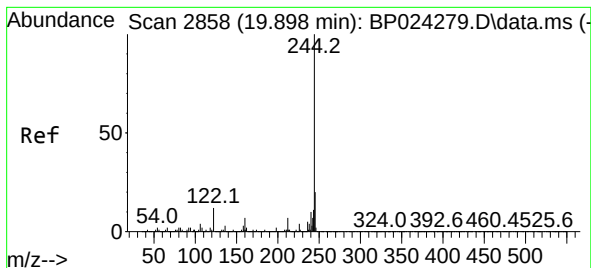
Tgt Ion:188 Resp: 735943
Ion Ratio Lower Upper
188 100
94 7.9 8.6 13.0#
80 9.1 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion:240 Resp: 805578
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 95.185 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB167847BL

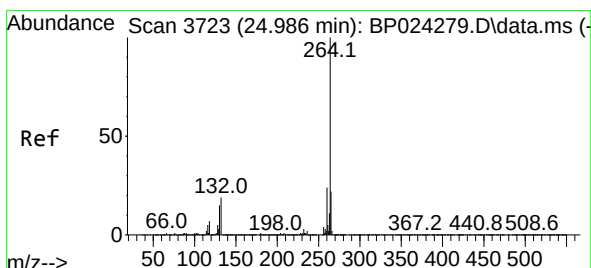
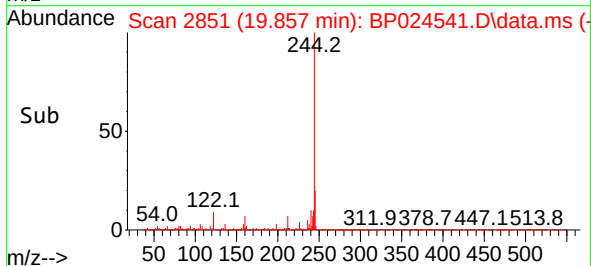
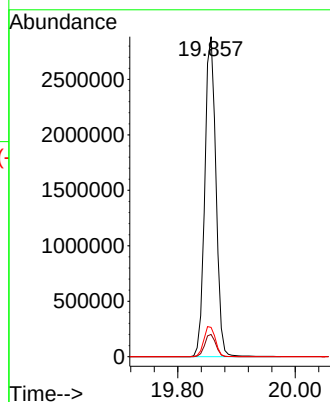
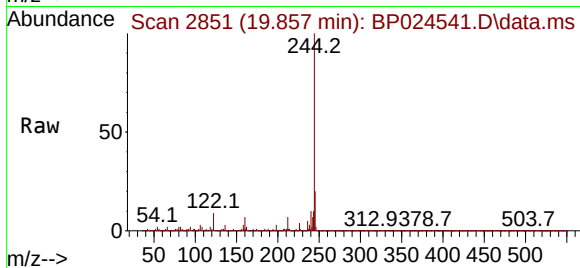
Tgt Ion:244 Resp: 3804199

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. -0.030 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

Tgt Ion:264 Resp: 936452

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.1 17.8 26.6

