

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024457.D
 Acq On : 29 Apr 2025 13:17
 Operator : RC/JU
 Sample : Q1874-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Quant Time: Apr 29 13:39:49 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	156689	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	603808	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	364980	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	737815	20.000	ng	0.00
76) Chrysene-d12	21.586	240	864459	20.000	ng	0.00
86) Perylene-d12	24.927	264	967811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	990624	104.535	ng	-0.01
7) Phenol-d6	6.899	99	1117703	86.137	ng	-0.01
23) Nitrobenzene-d5	8.857	82	828522	78.242	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	752178	148.955	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1845725	77.429	ng	-0.01
79) Terphenyl-d14	19.869	244	3694555	86.145	ng	0.00

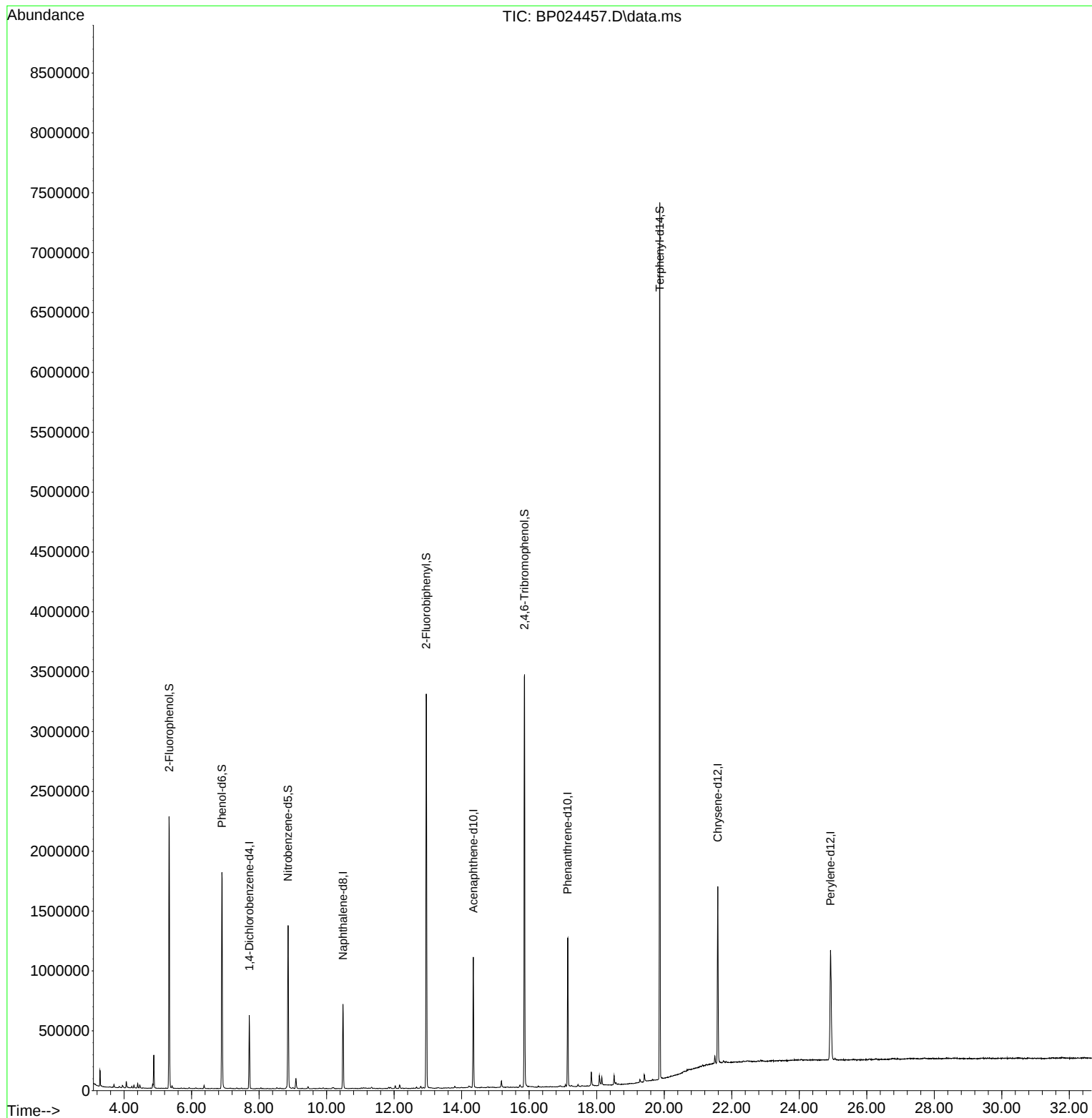
Target Compounds	Qvalue

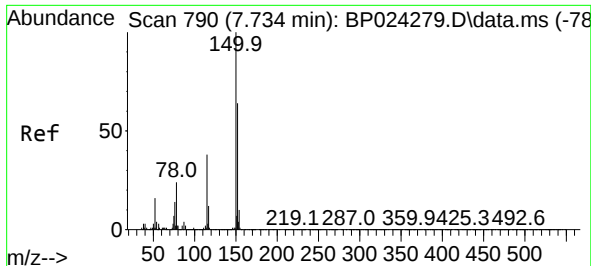
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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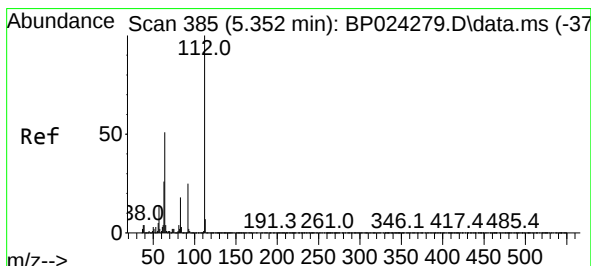
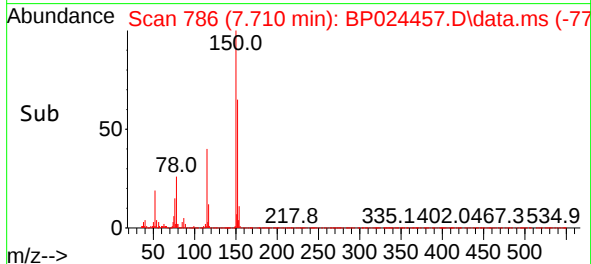
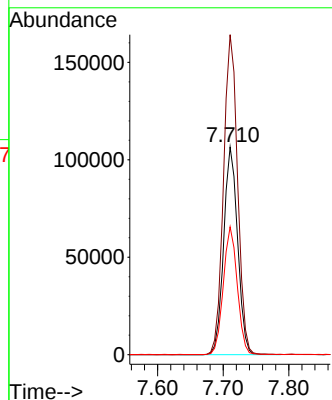
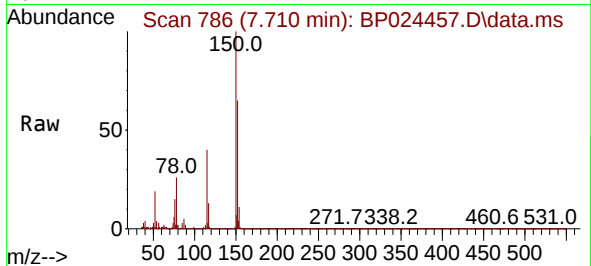




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

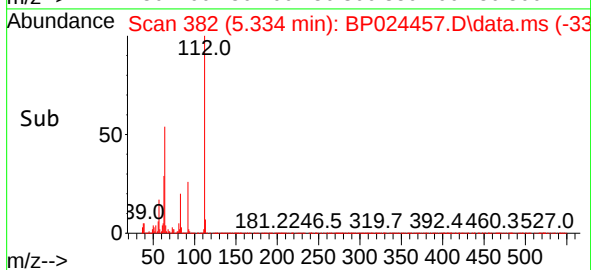
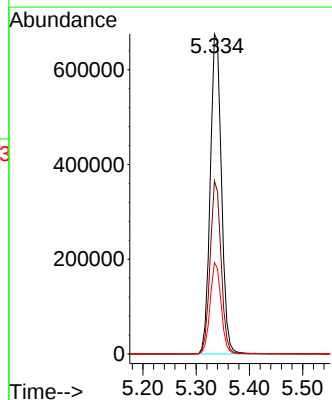
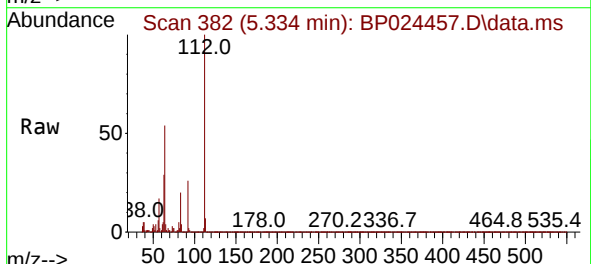
Instrument :
BNA_P
ClientSampleId :
HT3727

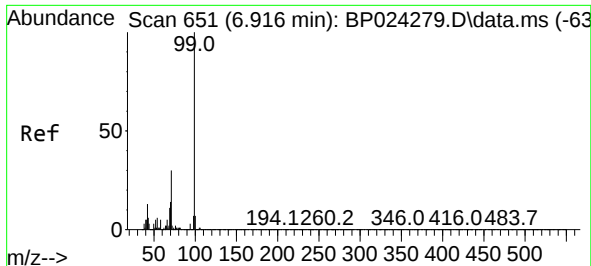
Tgt Ion:152 Resp: 156689
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 104.535 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

Tgt Ion:112 Resp: 990624
Ion Ratio Lower Upper
112 100
64 54.1 41.1 61.7
63 28.6 20.6 30.8

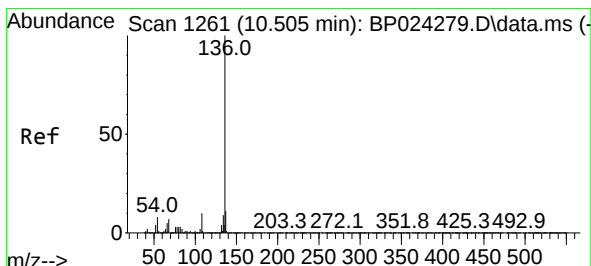
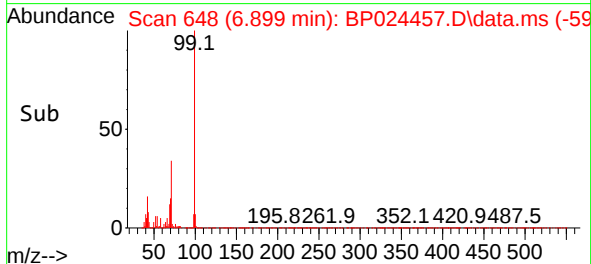
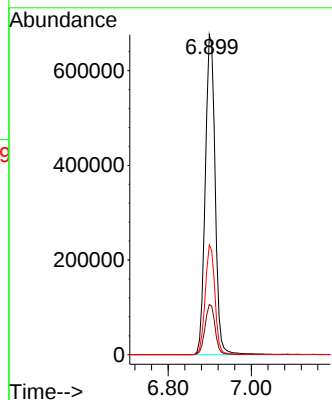
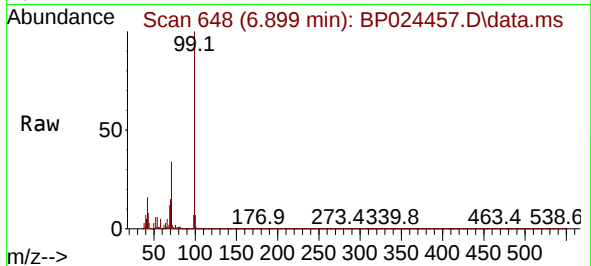




#7
Phenol-d6
Concen: 86.137 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

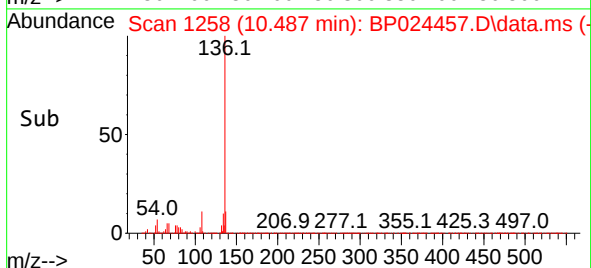
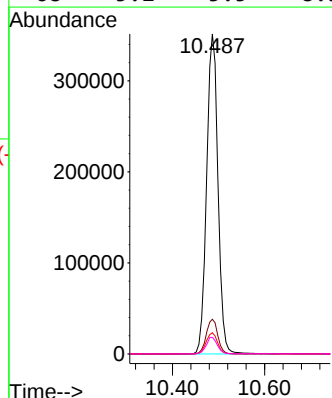
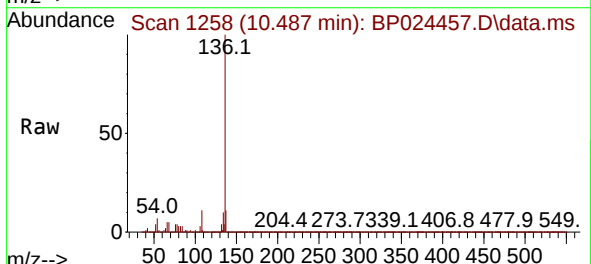
Instrument :
BNA_P
ClientSampleId :
HT3727

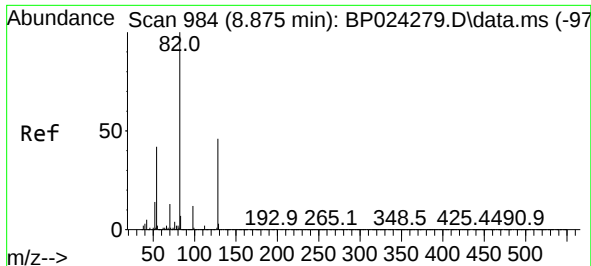
Tgt Ion: 99 Resp: 1117703
Ion Ratio Lower Upper
99 100
42 15.7 10.6 16.0
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

Tgt Ion: 136 Resp: 603808
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.7 6.0 9.0
68 5.2 5.5 8.3

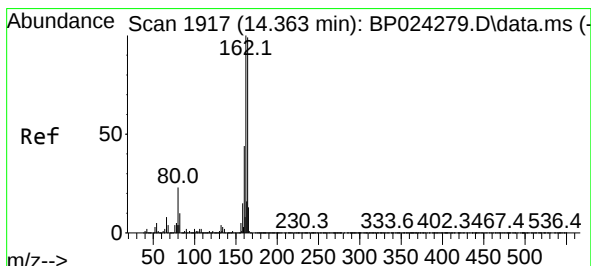
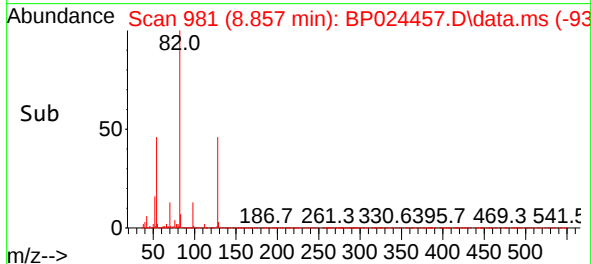
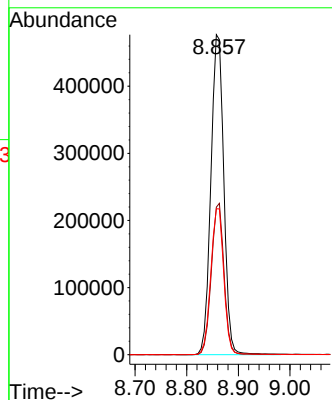
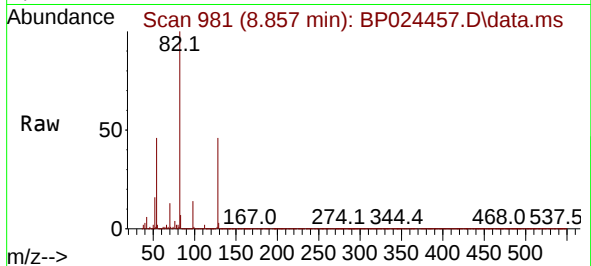




#23
Nitrobenzene-d5
Concen: 78.242 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

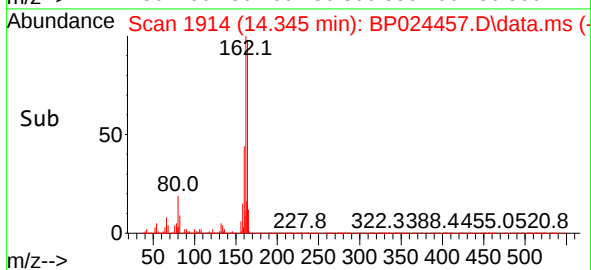
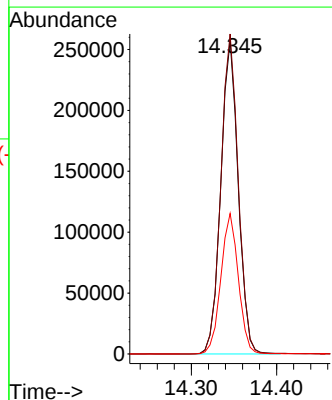
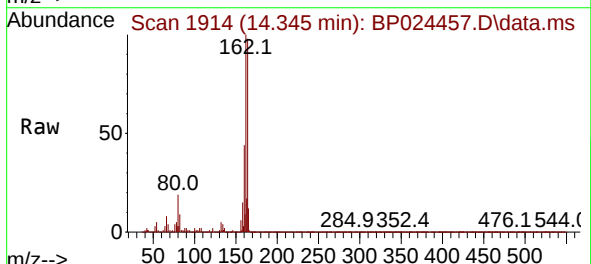
Instrument :
BNA_P
ClientSampleId :
HT3727

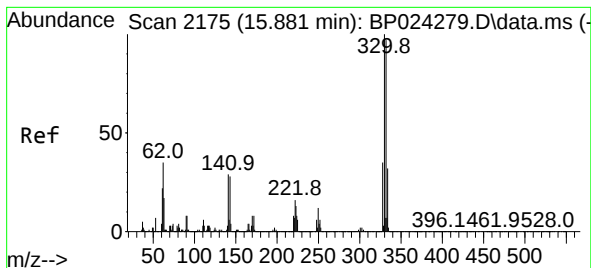
Tgt Ion: 82 Resp: 828522
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

Tgt Ion:164 Resp: 364980
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 148.955 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024457.D

Acq: 29 Apr 2025 13:17

Instrument :

BNA_P

ClientSampleId :

HT3727

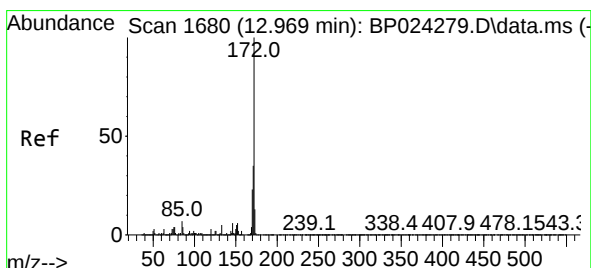
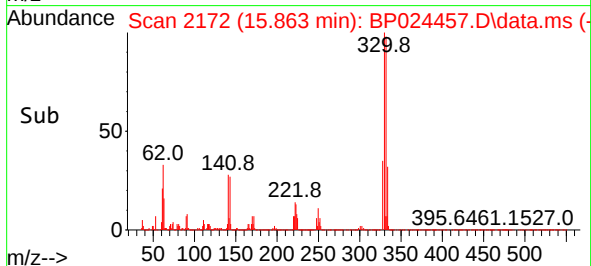
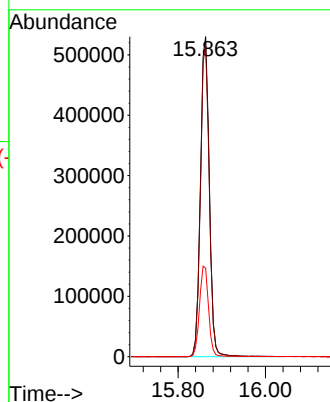
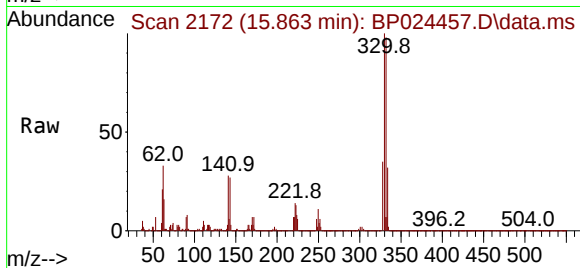
Tgt Ion:330 Resp: 752178

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 77.429 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024457.D

Acq: 29 Apr 2025 13:17

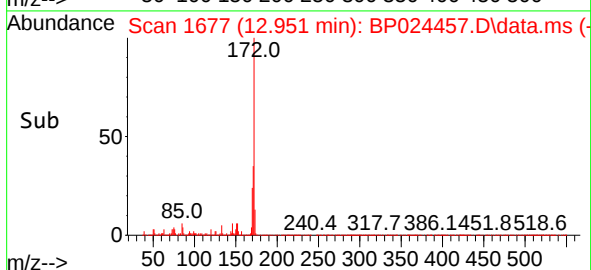
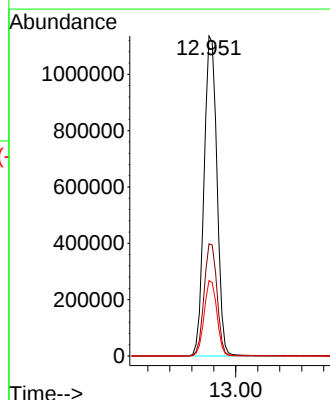
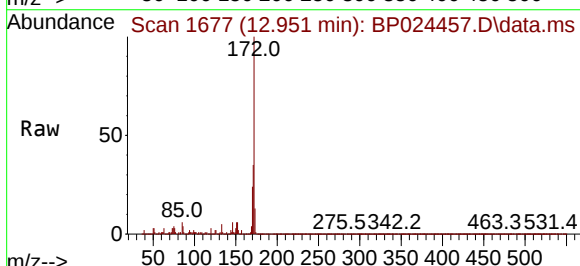
Tgt Ion:172 Resp: 1845725

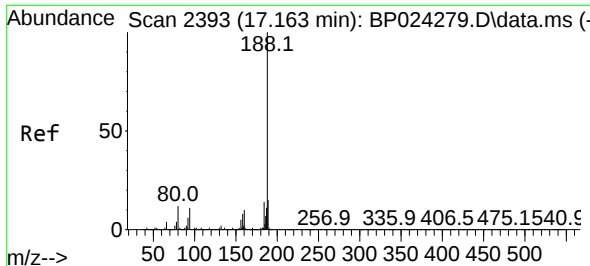
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 18.6 27.8

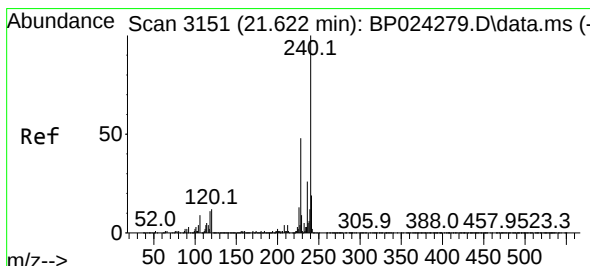
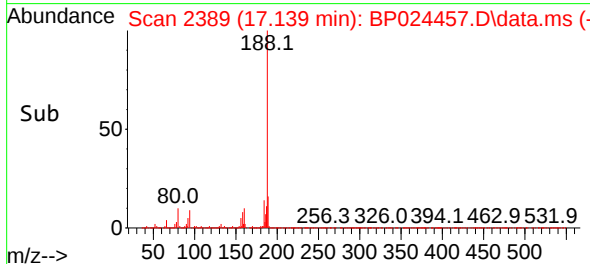
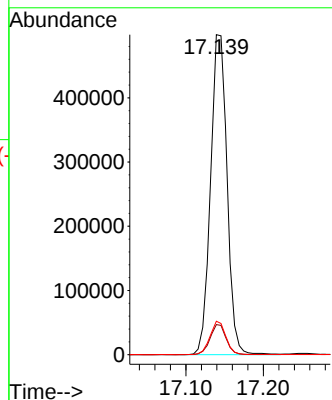
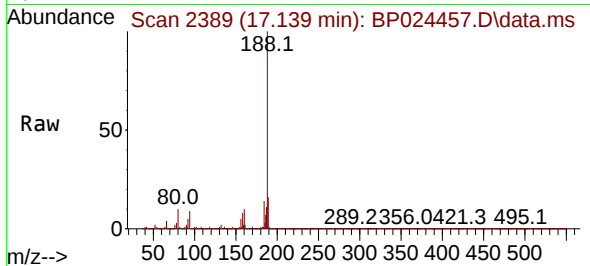




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

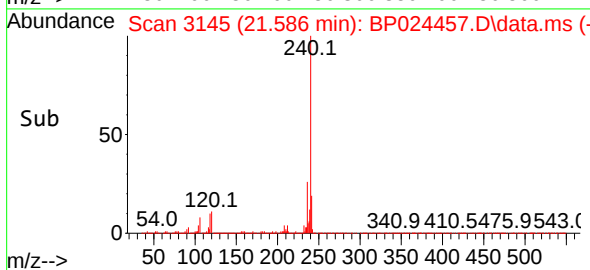
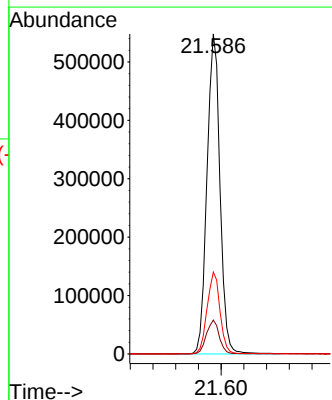
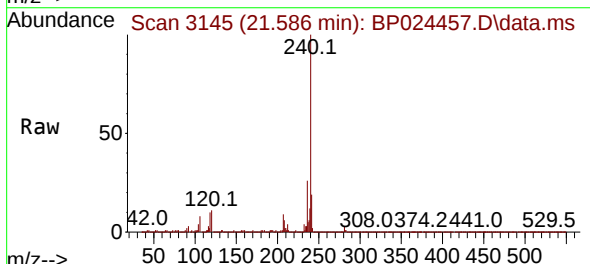
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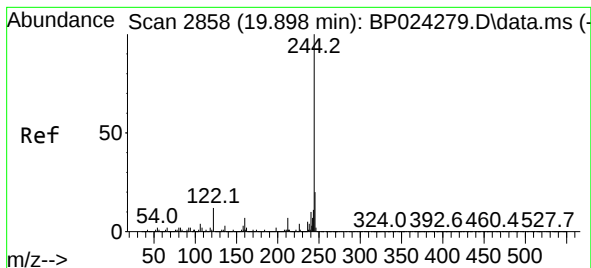
Tgt Ion:188 Resp: 737815
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024457.D
Acq: 29 Apr 2025 13:17

Tgt Ion:240 Resp: 864459
Ion Ratio Lower Upper
240 100
120 10.6 9.8 14.8
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 86.145 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024457.D

Acq: 29 Apr 2025 13:17

Instrument :

BNA_P

ClientSampleId :

HT3727

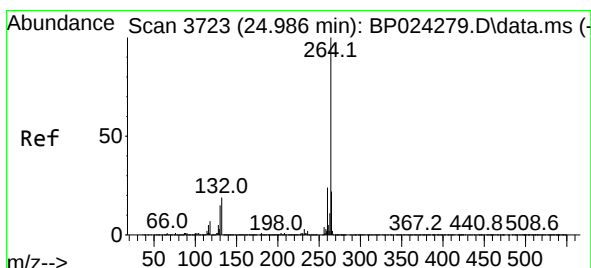
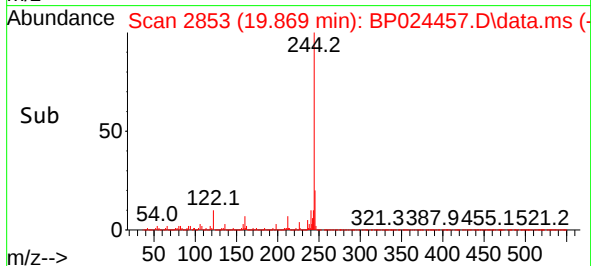
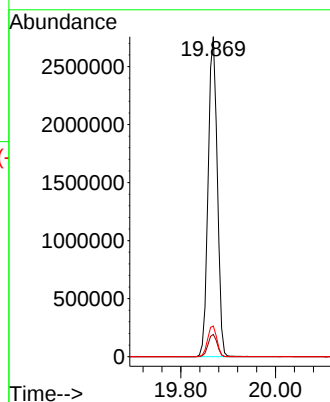
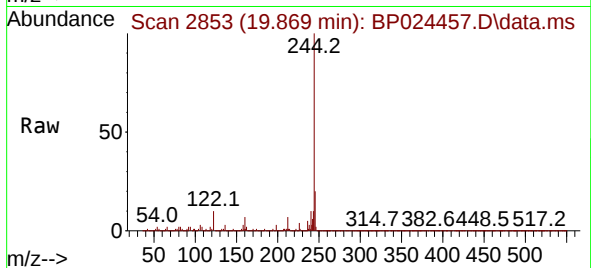
Tgt Ion:244 Resp: 3694555

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024457.D

Acq: 29 Apr 2025 13:17

Tgt Ion:264 Resp: 967811

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

