

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024291.D
 Acq On : 15 Apr 2025 12:43
 Operator : RC/JU
 Sample : Q1771-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7C

Quant Time: Apr 15 13:11:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	329036	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1266138	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	701826	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1267211	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1201894	20.000	ng	0.00
86) Perylene-d12	24.986	264	1296224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2425826	121.901	ng	0.00
7) Phenol-d6	6.916	99	2757596	101.202	ng	0.00
23) Nitrobenzene-d5	8.875	82	2070069	93.227	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1209901	124.602	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	4007272	87.423	ng	-0.01
79) Terphenyl-d14	19.892	244	5341472	89.579	ng	-0.03

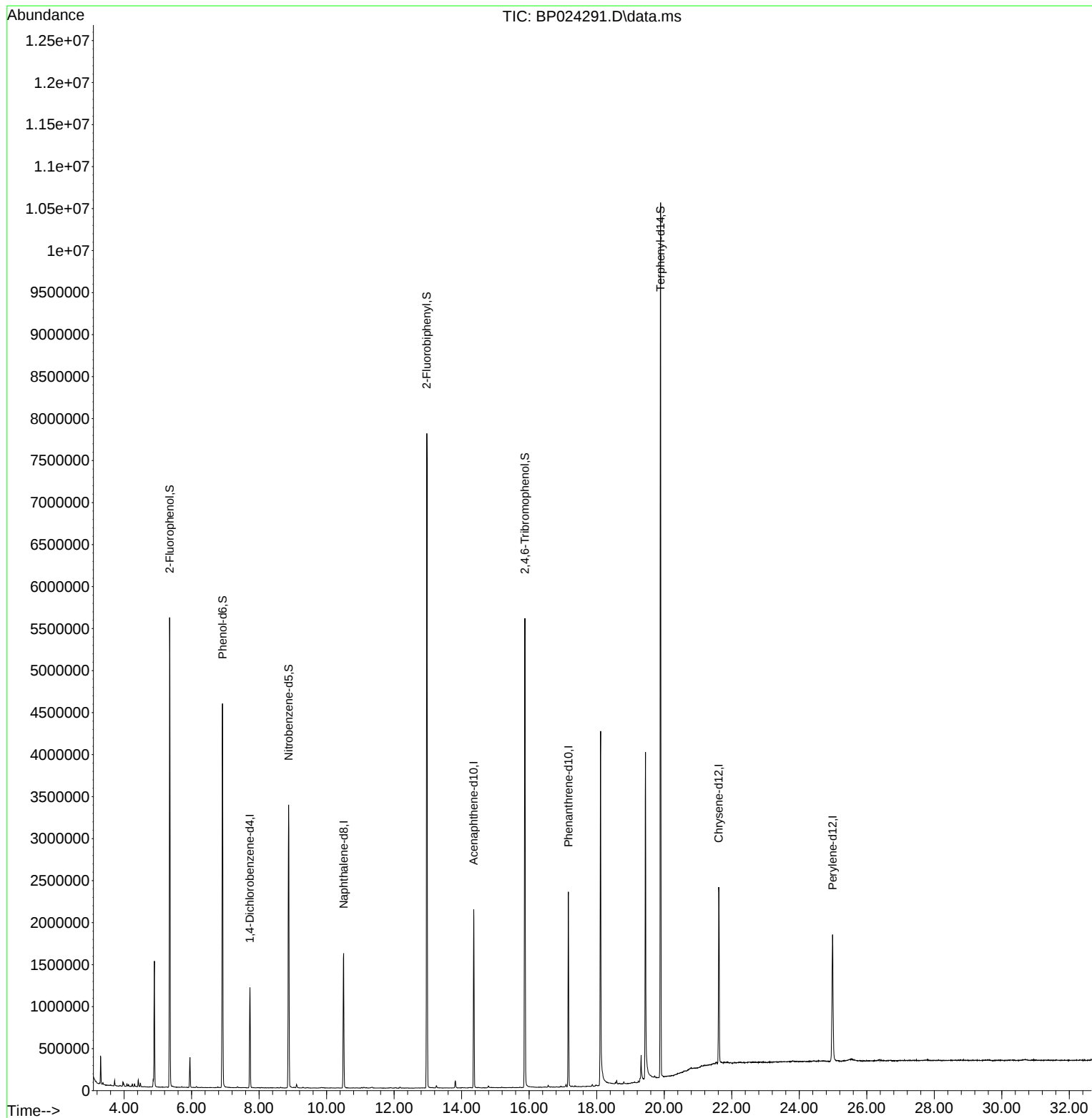
Target Compounds	Qvalue

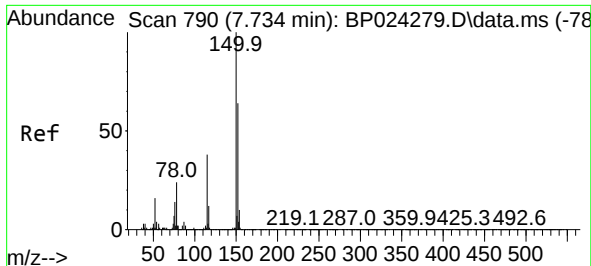
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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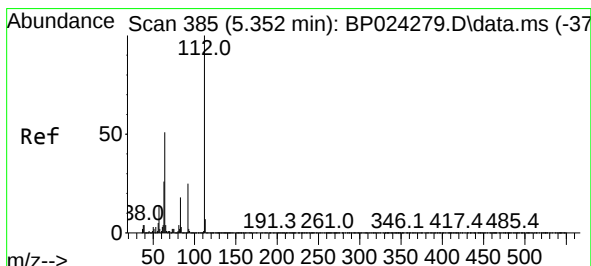
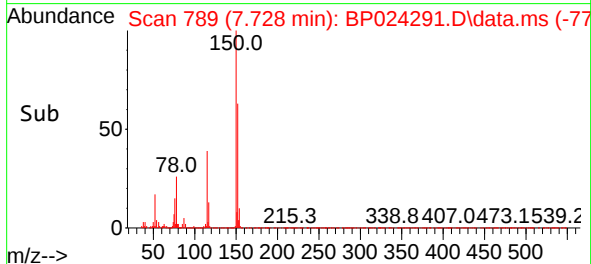
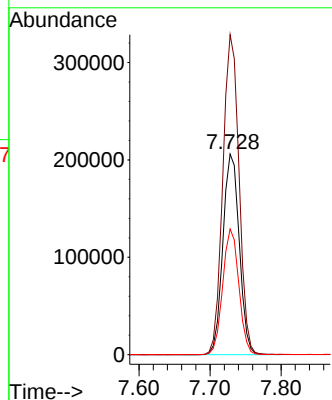
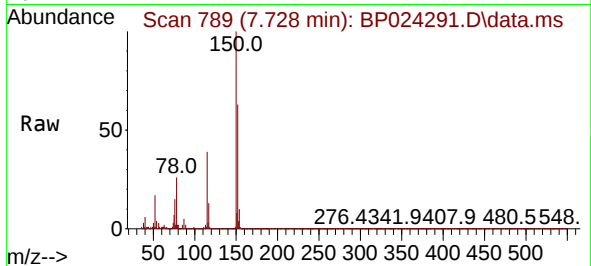




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: BP024291.D
 Acq: 15 Apr 2025 12:43

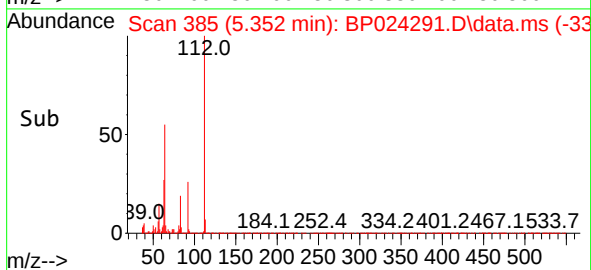
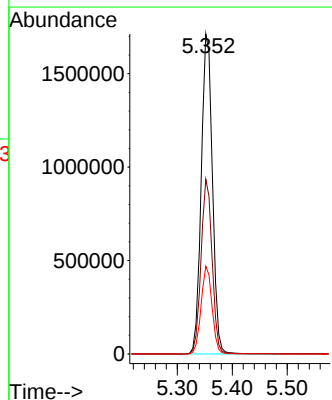
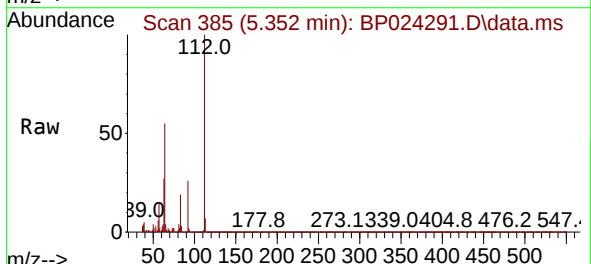
Instrument :
 BNA_P
 ClientSampleId :
 TP-7C

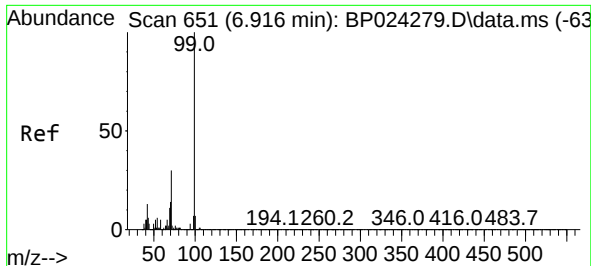
Tgt Ion:152 Resp: 329036
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.9 187.3
 115 62.7 47.7 71.5



#5
 2-Fluorophenol
 Concen: 121.901 ng
 RT: 5.352 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: BP024291.D
 Acq: 15 Apr 2025 12:43

Tgt Ion:112 Resp: 2425826
 Ion Ratio Lower Upper
 112 100
 64 54.6 41.1 61.7
 63 27.4 20.6 30.8





#7

Phenol-d6

Concen: 101.202 ng

RT: 6.916 min Scan# 651

Delta R.T. 0.000 min

Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

Instrument :

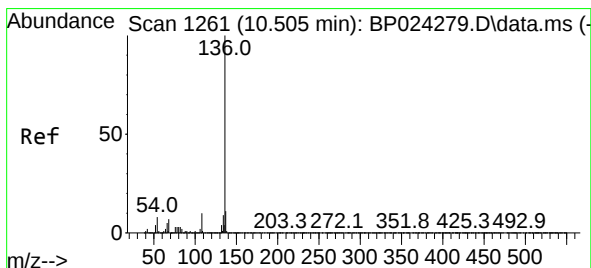
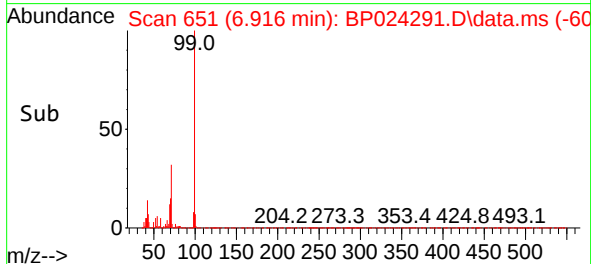
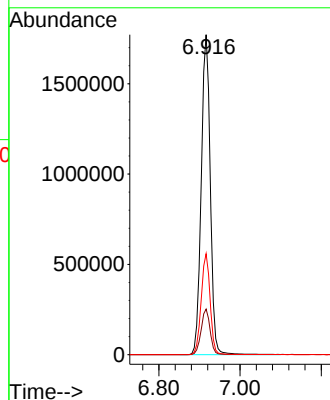
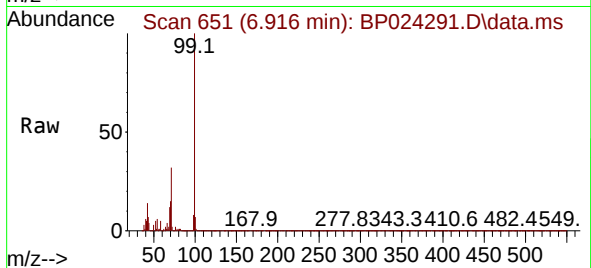
BNA_P

ClientSampleId :

TP-7C

Tgt Ion: 99 Resp: 2757596

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.6	16.0
71	31.5	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.504 min Scan# 1261

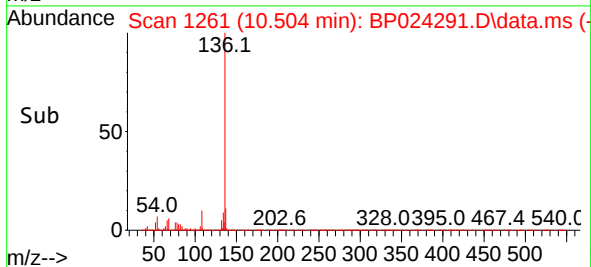
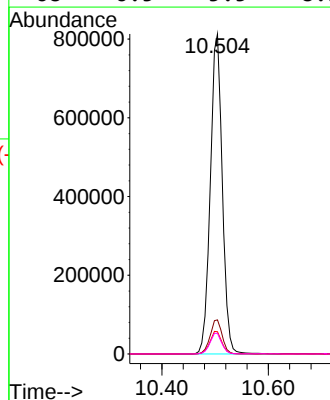
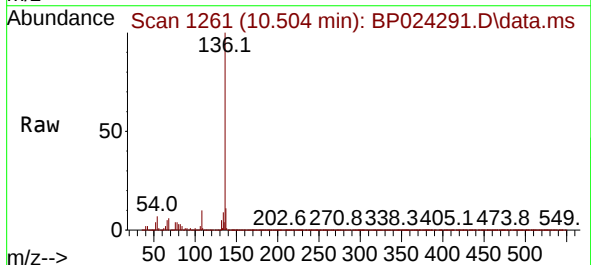
Delta R.T. 0.000 min

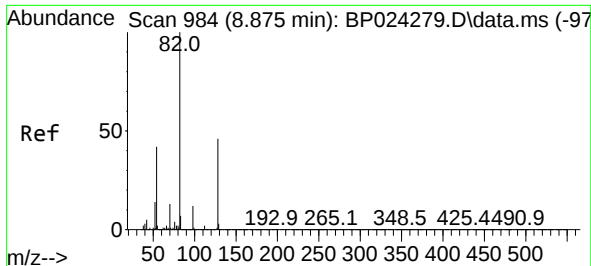
Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

Tgt Ion:136 Resp: 1266138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.0	6.0	9.0
68	6.5	5.5	8.3

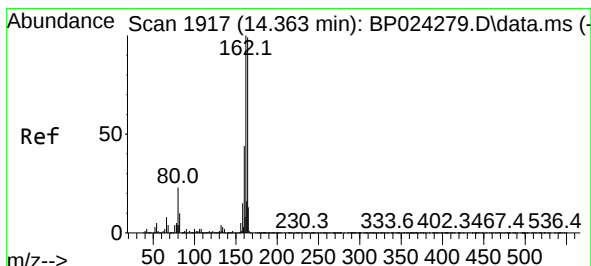
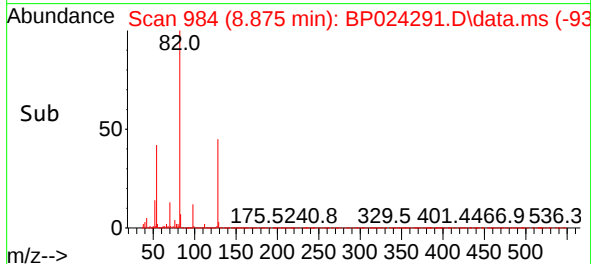
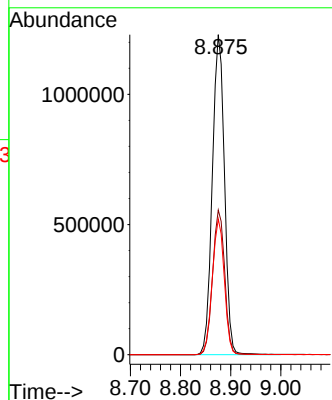
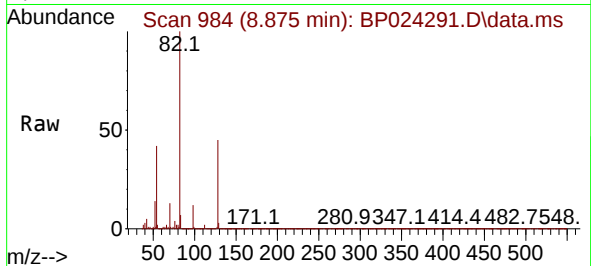




#23
Nitrobenzene-d5
Concen: 93.227 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024291.D
Acq: 15 Apr 2025 12:43

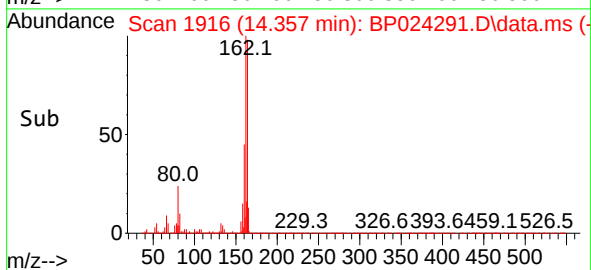
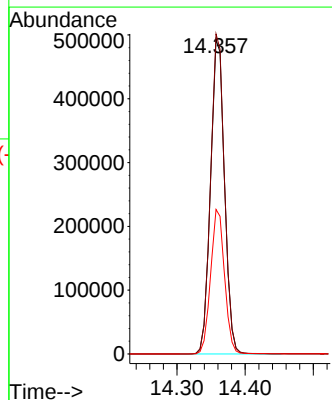
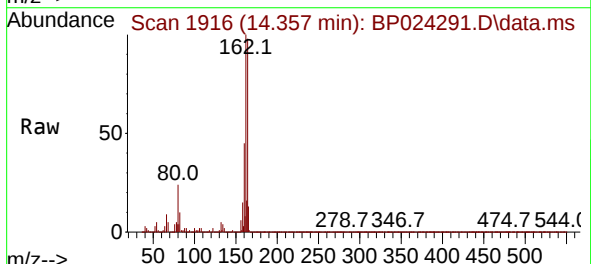
Instrument :
BNA_P
ClientSampleId :
TP-7C

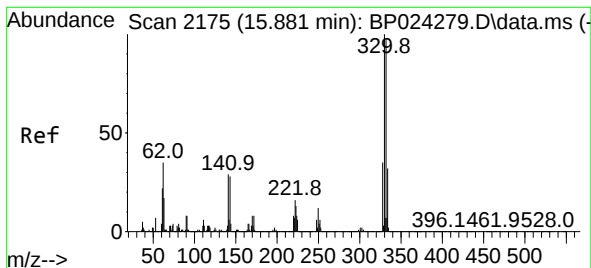
Tgt Ion: 82 Resp: 2070069
Ion Ratio Lower Upper
82 100
128 45.2 36.5 54.7
54 42.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024291.D
Acq: 15 Apr 2025 12:43

Tgt Ion: 164 Resp: 701826
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 124.602 ng

RT: 15.875 min Scan# 2175

Delta R.T. -0.018 min

Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

Instrument :

BNA_P

ClientSampleId :

TP-7C

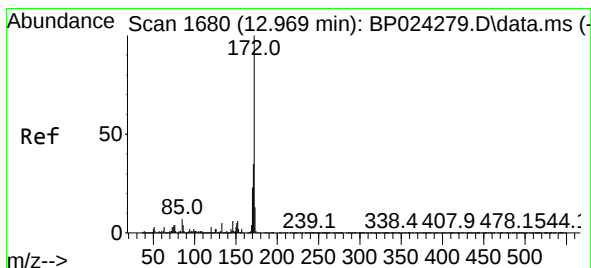
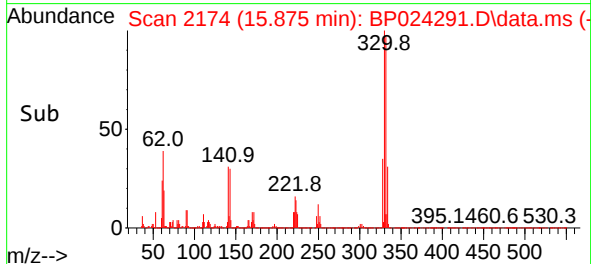
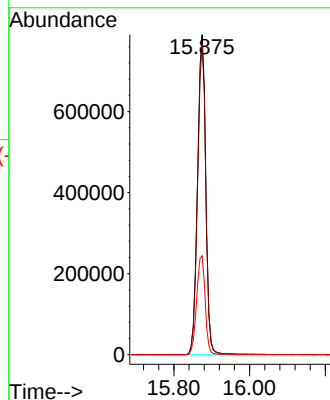
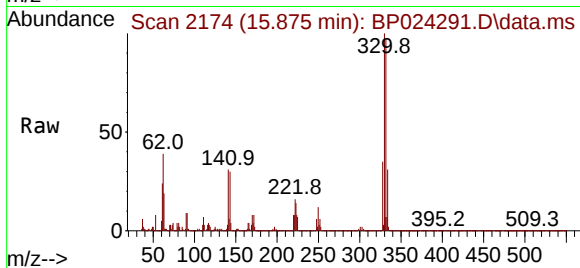
Tgt Ion:330 Resp: 1209901

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 31.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 87.423 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

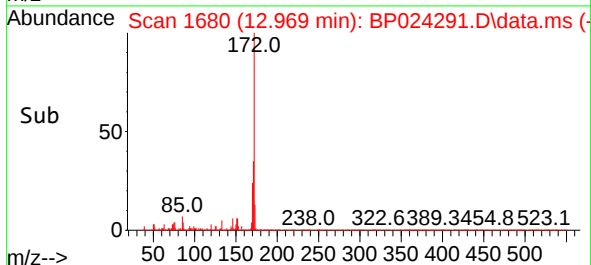
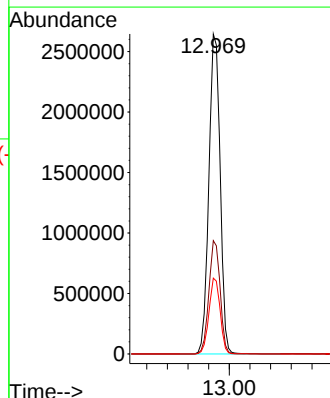
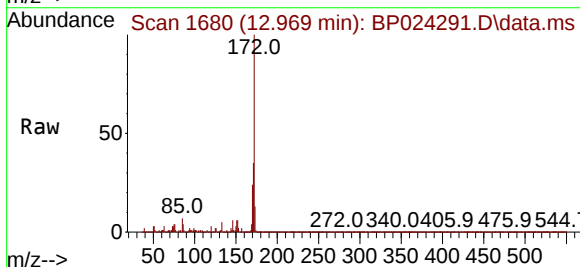
Tgt Ion:172 Resp: 4007272

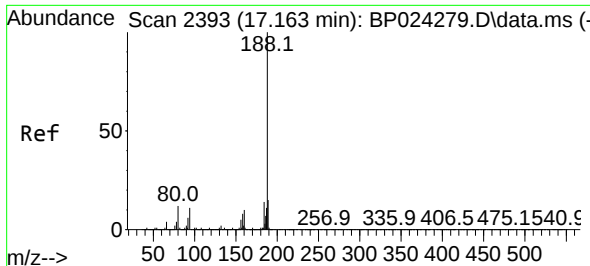
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 18.6 27.8

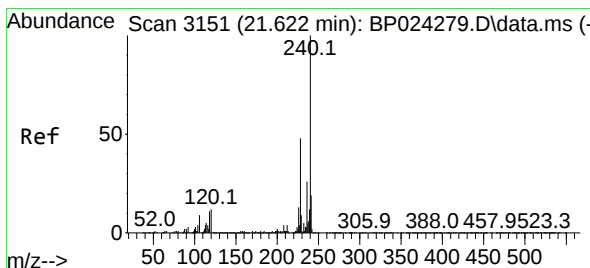
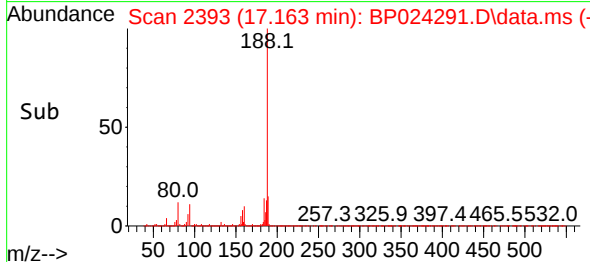
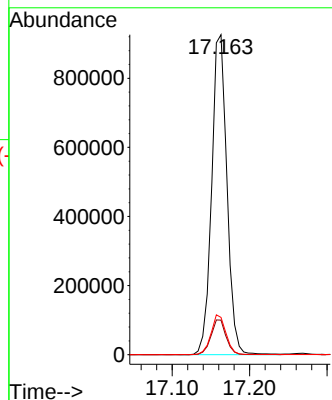
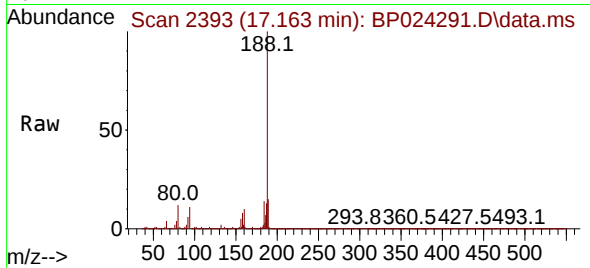




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024291.D
Acq: 15 Apr 2025 12:43

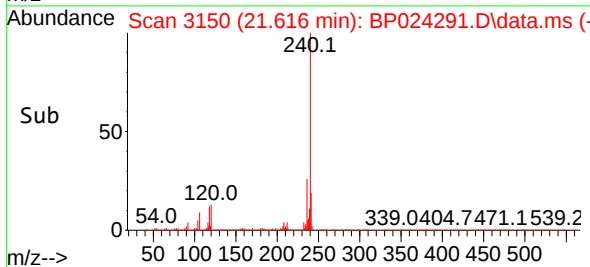
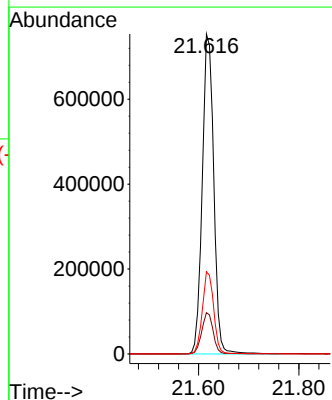
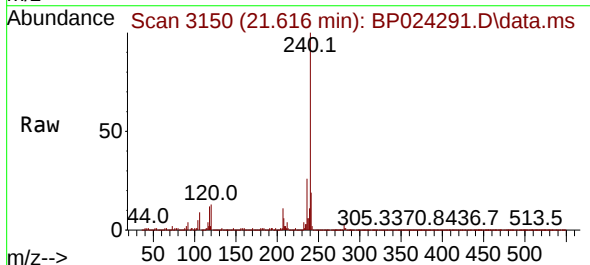
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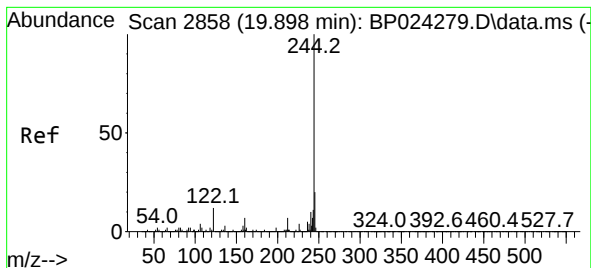
Tgt Ion:188 Resp: 1267211
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 11.7 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024291.D
Acq: 15 Apr 2025 12:43

Tgt Ion:240 Resp: 1201894
Ion Ratio Lower Upper
240 100
120 12.9 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 89.579 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

Instrument :

BNA_P

ClientSampleId :

TP-7C

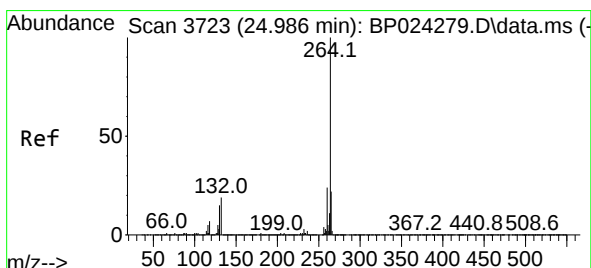
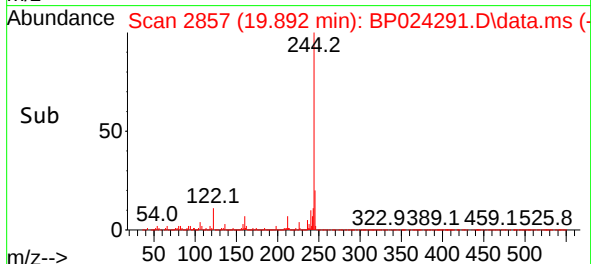
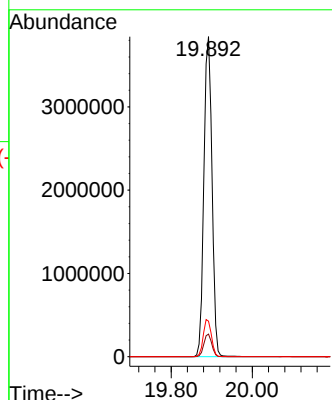
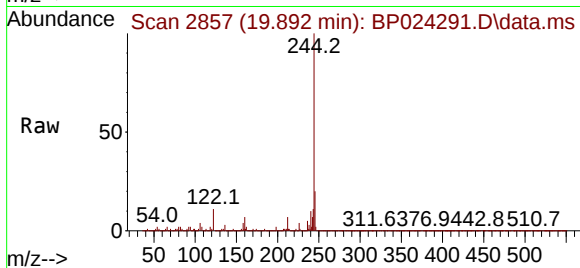
Tgt Ion:244 Resp: 5341472

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.1 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024291.D

Acq: 15 Apr 2025 12:43

Tgt Ion:264 Resp: 1296224

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.5 17.8 26.6

