

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024293.D
 Acq On : 15 Apr 2025 14:05
 Operator : RC/JU
 Sample : Q1779-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-22

Quant Time: Apr 15 14:37:30 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	258736	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	984295	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	535093	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	946872	20.000	ng	0.00
76) Chrysene-d12	21.633	240	942904	20.000	ng	0.01
86) Perylene-d12	25.010	264	1036047	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2151480	137.491	ng	0.00
7) Phenol-d6	6.911	99	2527133	117.943	ng	0.00
23) Nitrobenzene-d5	8.875	82	1669933	96.741	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	921789	124.511	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	3213806	91.960	ng	0.00
79) Terphenyl-d14	19.916	244	4418494	94.454	ng	0.00

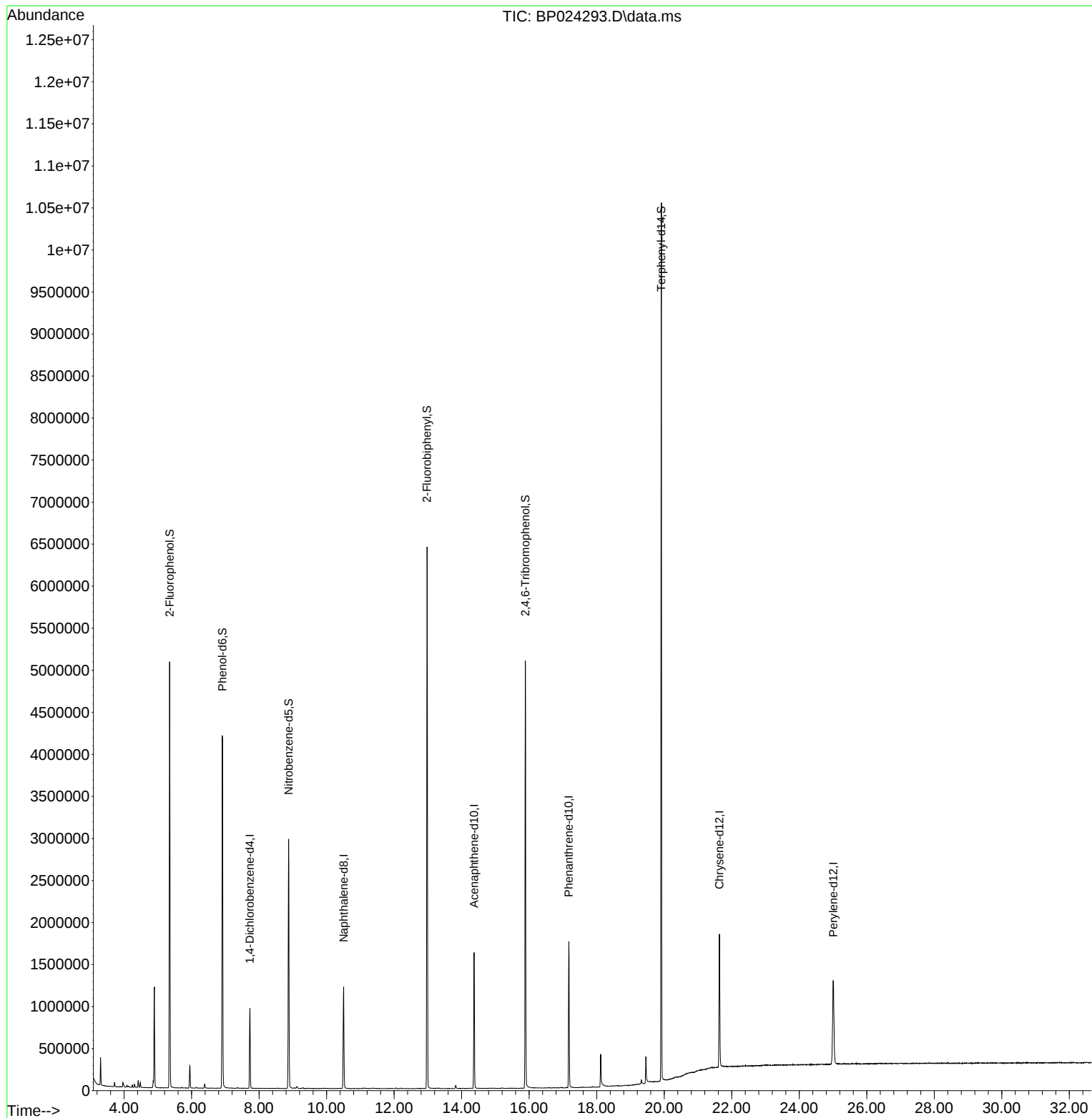
Target Compounds	Qvalue

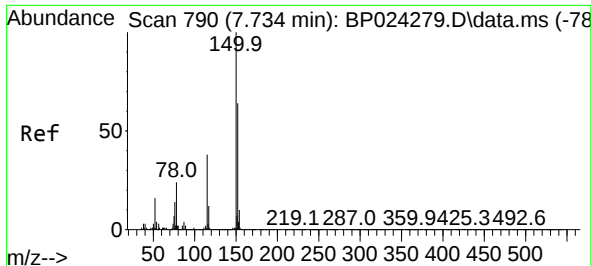
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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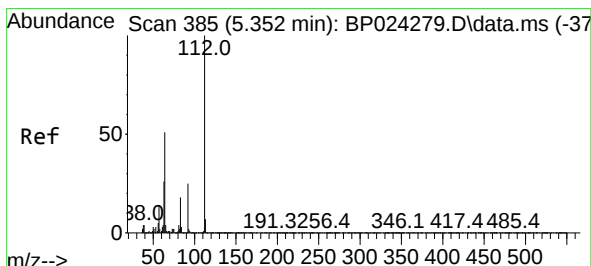
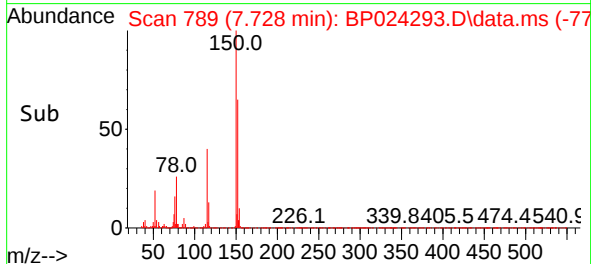
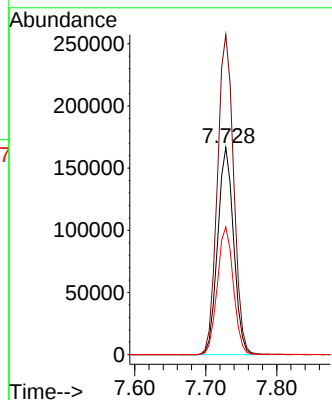
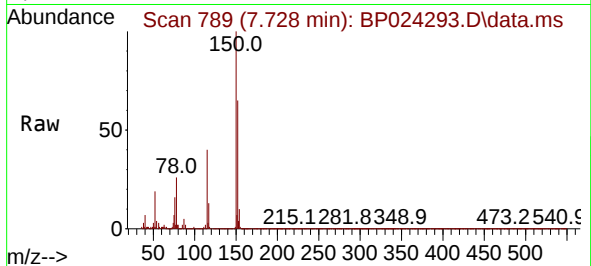




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

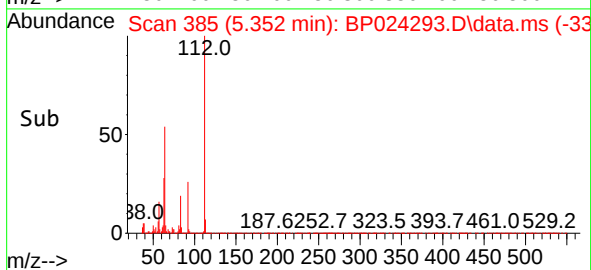
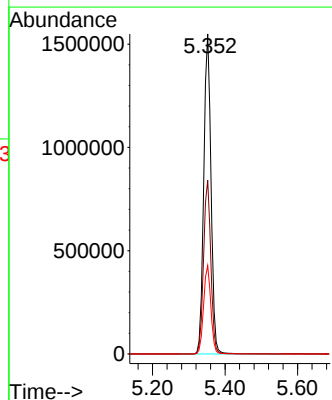
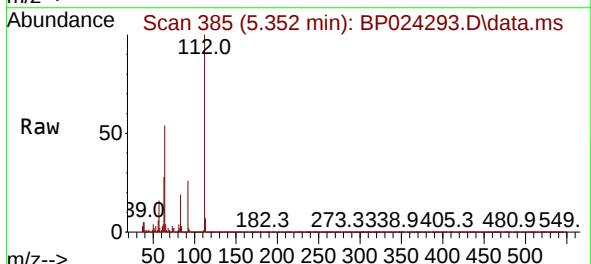
Instrument :
BNA_P
ClientSampleId :
TP-22

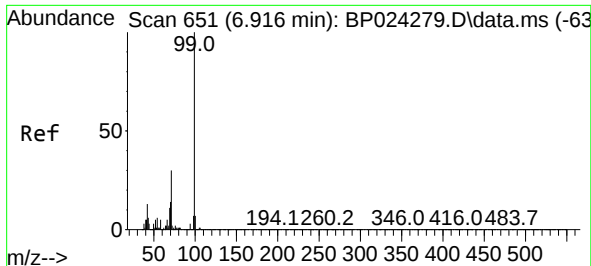
Tgt Ion:152 Resp: 258736
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 137.491 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

Tgt Ion:112 Resp: 2151480
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 27.6 20.6 30.8

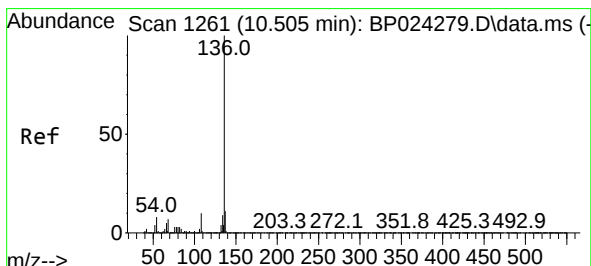
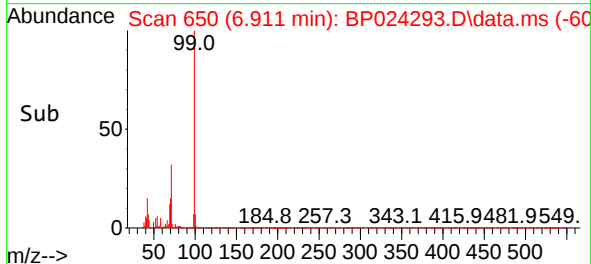
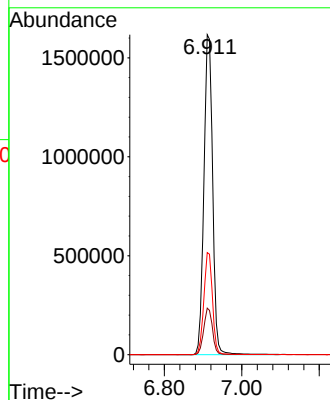
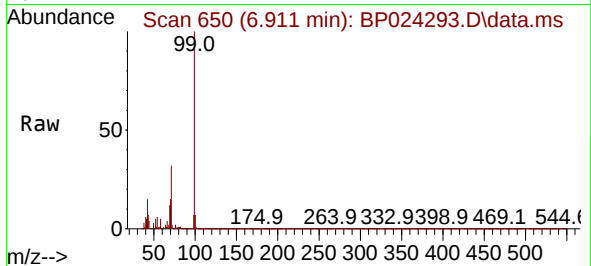




#7
Phenol-d6
Concen: 117.943 ng
RT: 6.911 min Scan# 651
Delta R.T. -0.005 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

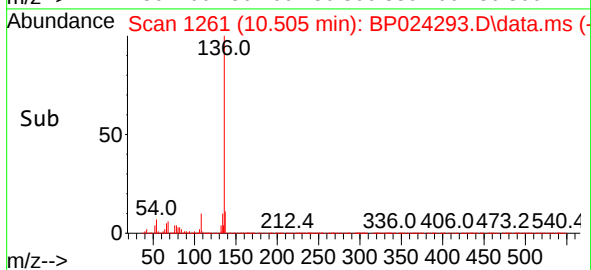
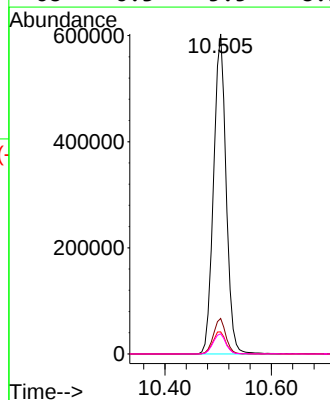
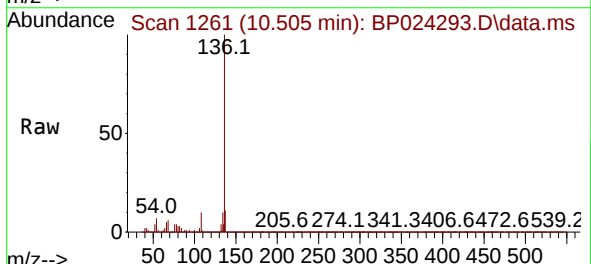
Instrument :
BNA_P
ClientSampleId :
TP-22

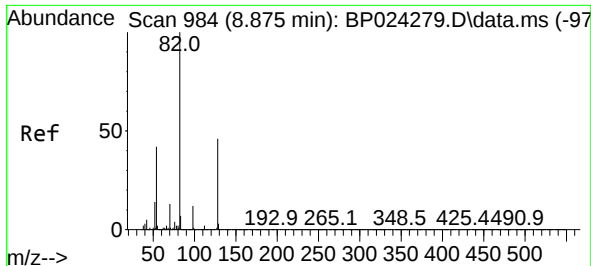
Tgt Ion: 99 Resp: 2527133
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 31.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

Tgt Ion:136 Resp: 984295
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.9 6.0 9.0
68 6.3 5.5 8.3

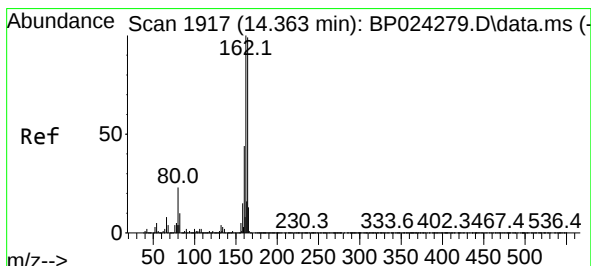
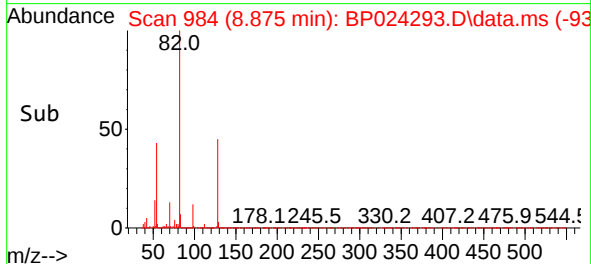
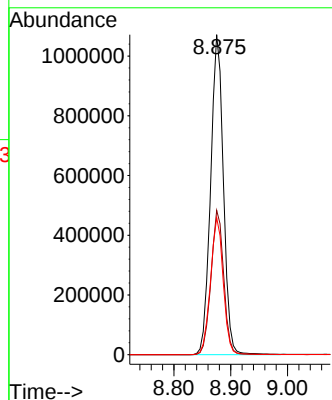
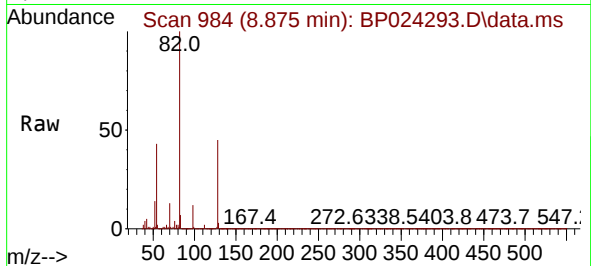




#23
Nitrobenzene-d5
Concen: 96.741 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

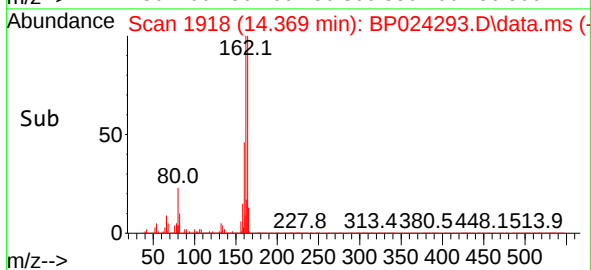
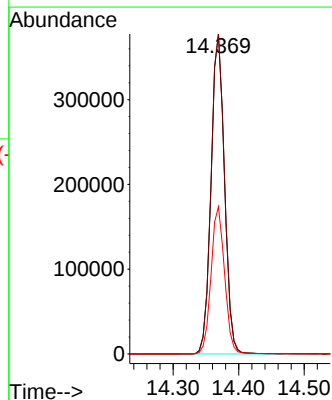
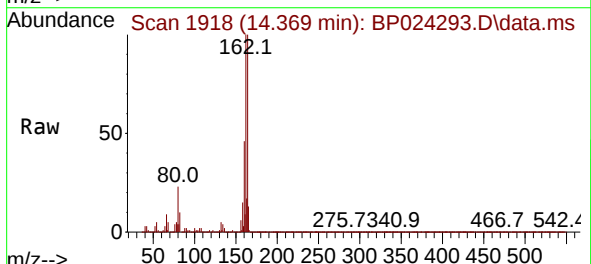
Instrument :
BNA_P
ClientSampleId :
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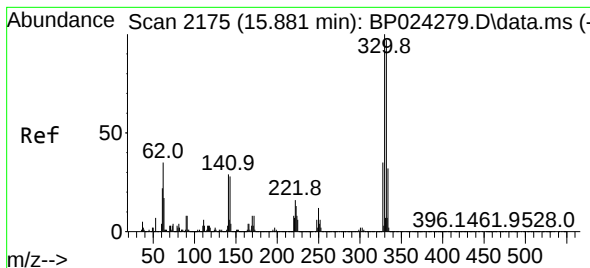
Tgt Ion: 82 Resp: 1669933
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 42.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

Tgt Ion: 164 Resp: 535093
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 46.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 124.511 ng

RT: 15.887 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024293.D

Acq: 15 Apr 2025 14:05

Instrument :

BNA_P

ClientSampleId :

TP-22

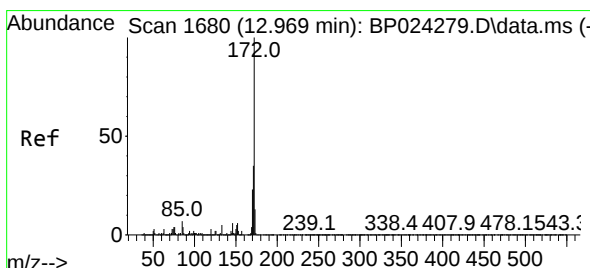
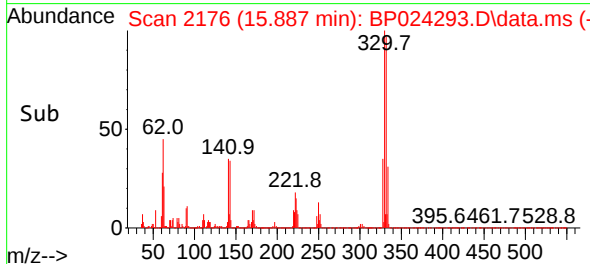
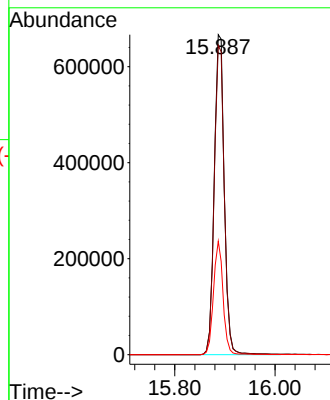
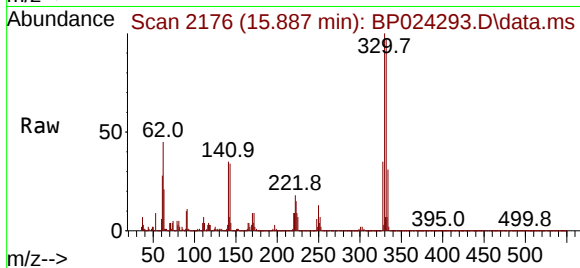
Tgt Ion:330 Resp: 921789

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 34.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.960 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024293.D

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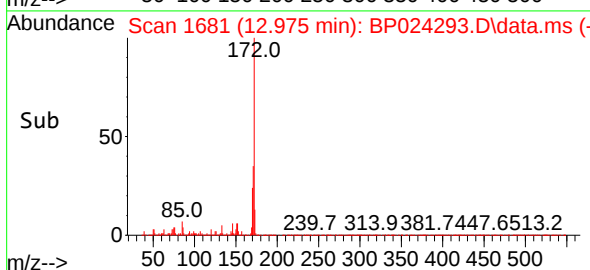
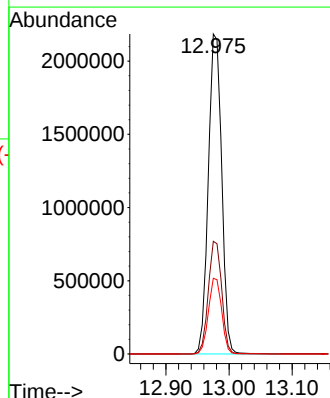
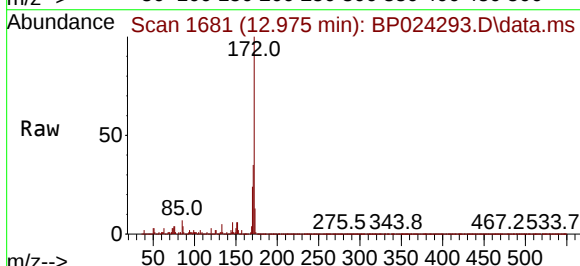
Tgt Ion:172 Resp: 3213806

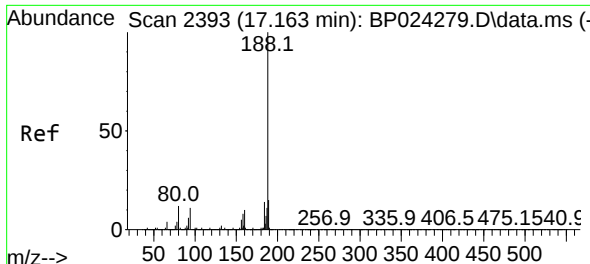
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.7 18.6 27.8

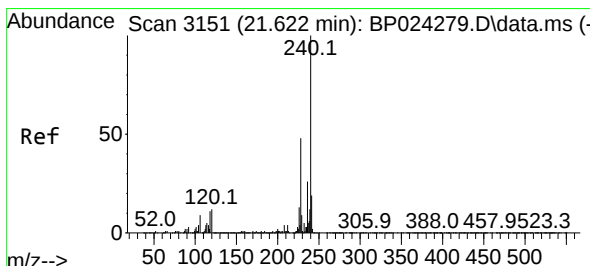
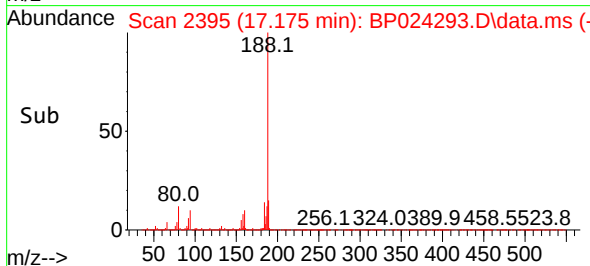
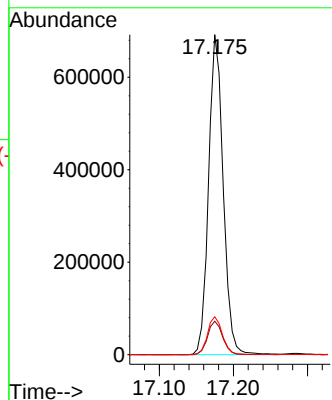
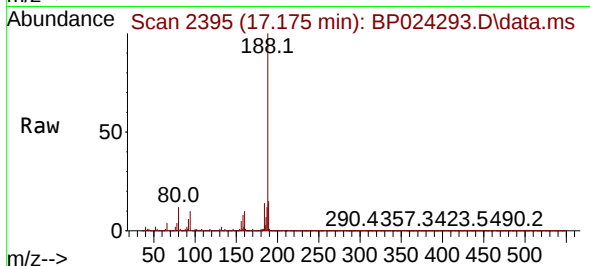




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

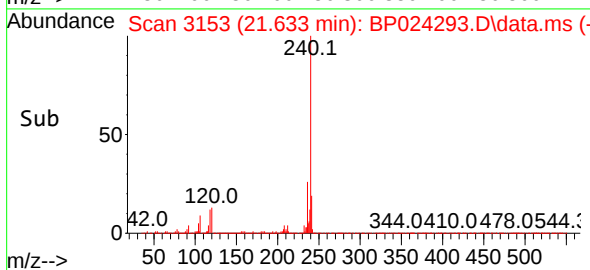
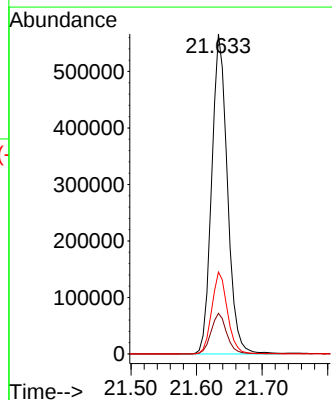
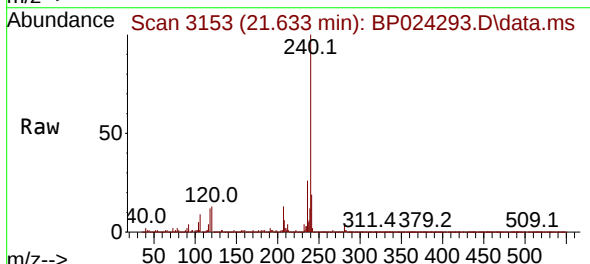
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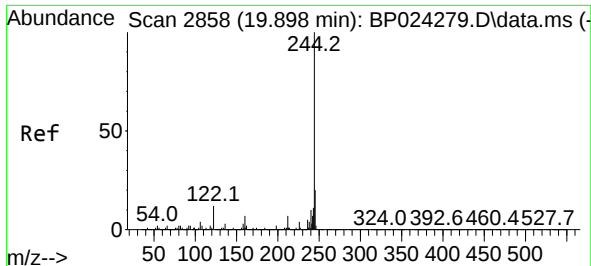
Tgt Ion:188 Resp: 946872
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.012 min
Lab File: BP024293.D
Acq: 15 Apr 2025 14:05

Tgt Ion:240 Resp: 942904
Ion Ratio Lower Upper
240 100
120 12.7 9.8 14.8
236 25.6 20.9 31.3

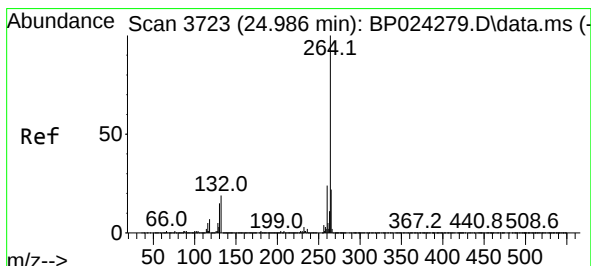
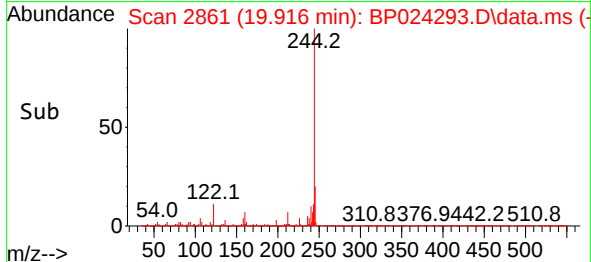
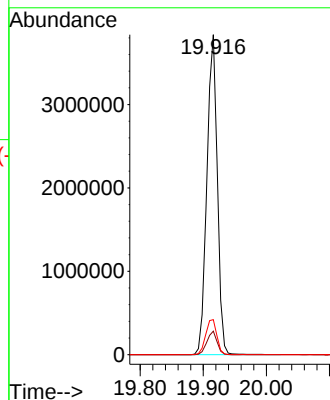
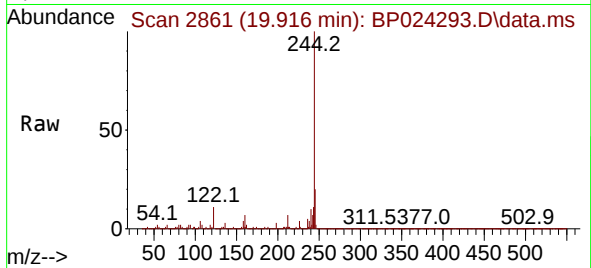




#79
 Terphenyl-d14
 Concen: 94.454 ng
 RT: 19.916 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BP024293.D
 Acq: 15 Apr 2025 14:05

Instrument :
 BNA_P
 ClientSampleId :
 TP-22

Tgt Ion:244 Resp: 4418494
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.0 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.010 min Scan# 3727
 Delta R.T. 0.024 min
 Lab File: BP024293.D
 Acq: 15 Apr 2025 14:05

Tgt Ion:264 Resp: 1036047
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.5 17.8 26.6

