

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024444.D
 Acq On : 28 Apr 2025 19:45
 Operator : RC/JU
 Sample : Q1895-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Apr 29 01:24:53 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)

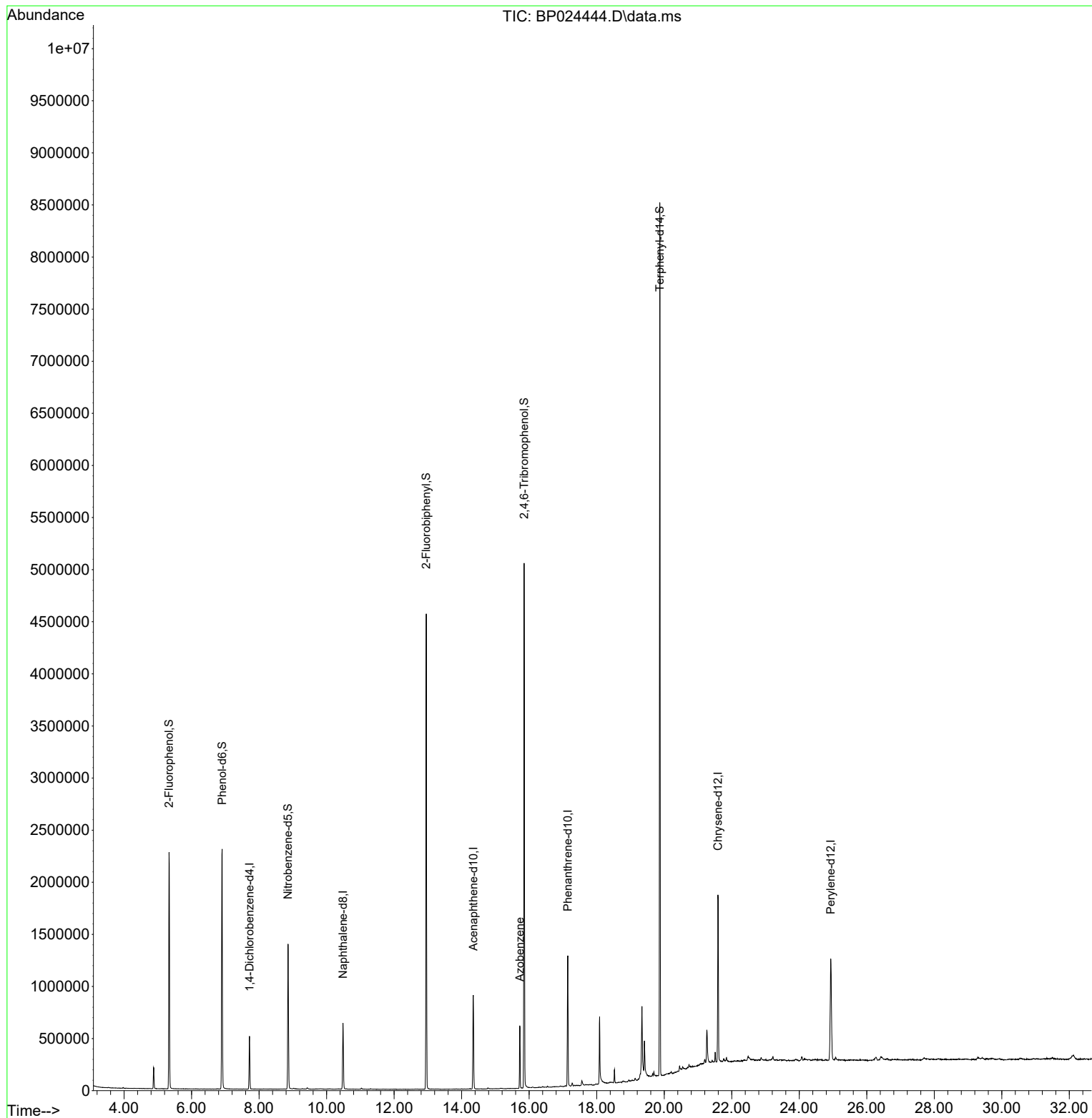
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	137505	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	551759	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	358788	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	772266	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	905412	20.000	ng	0.00
86) Perylene-d12	24.933	264	980284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	992313	119.323	ng	-0.01
7) Phenol-d6	6.904	99	1370326	120.339	ng	0.00
23) Nitrobenzene-d5	8.857	82	795017	82.161	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	931093	187.568	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2050200	87.491	ng	-0.01
79) Terphenyl-d14	19.868	244	3988196	88.786	ng	0.00
Target Compounds						
63) Azobenzene	15.722	77	158420	6.410	ng	Qvalue # 1

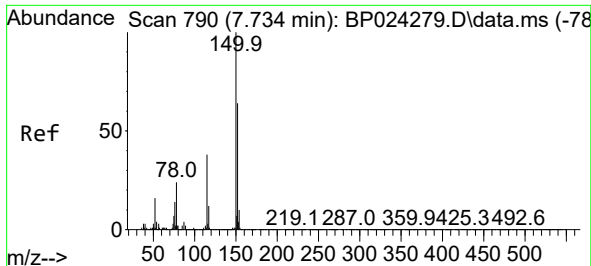
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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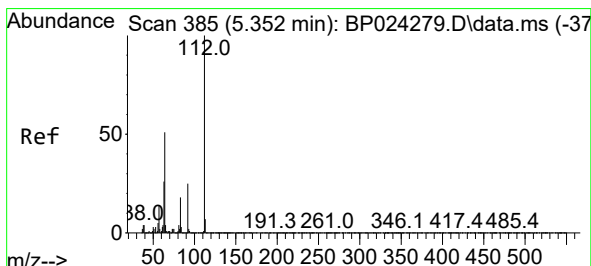
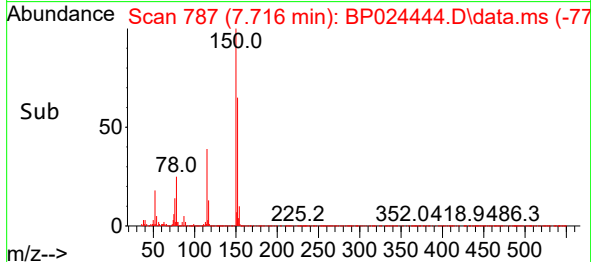
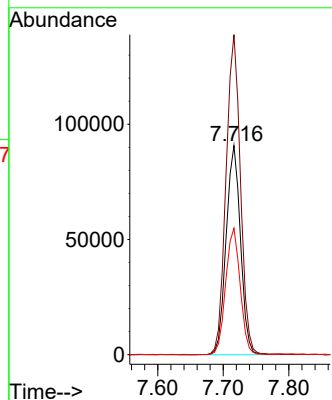
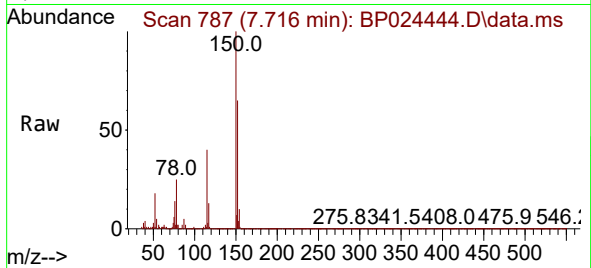




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

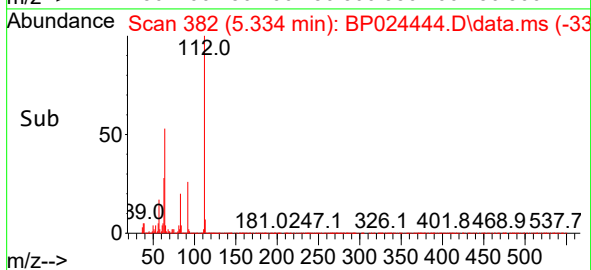
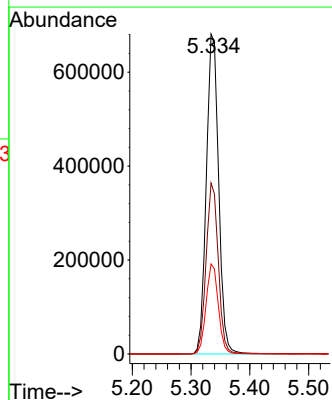
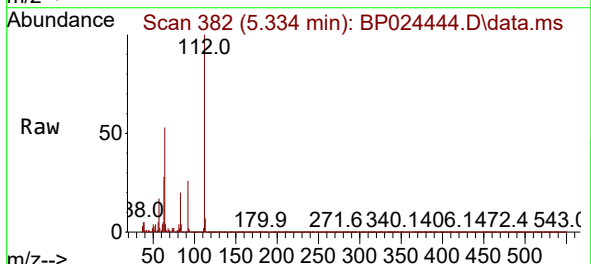
Instrument :
BNA_P
ClientSampleId :
COMP-1

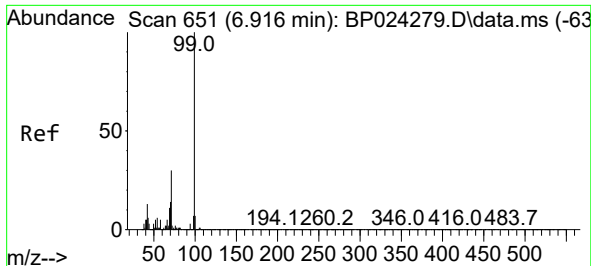
Tgt Ion:152 Resp: 137505
Ion Ratio Lower Upper
152 100
150 153.0 124.9 187.3
115 60.5 47.7 71.5



#5
2-Fluorophenol
Concen: 119.323 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

Tgt Ion:112 Resp: 992313
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.1 20.6 30.8

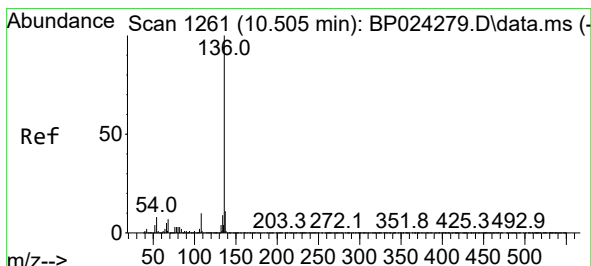
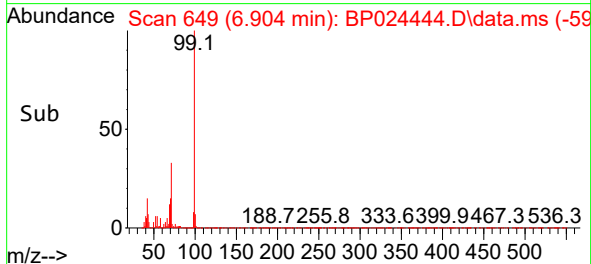
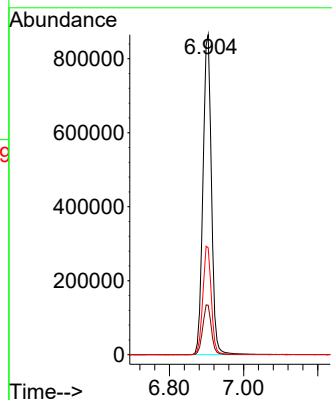
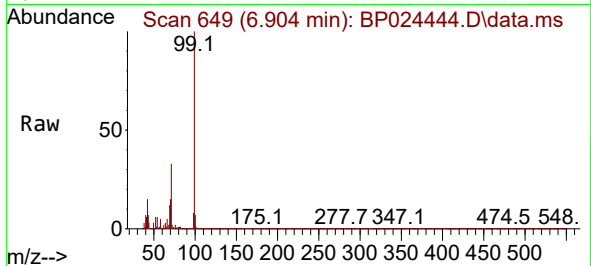




#7
Phenol-d6
Concen: 120.339 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

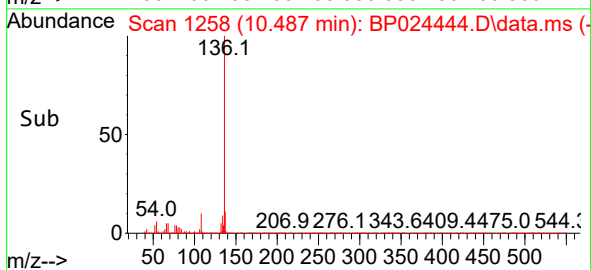
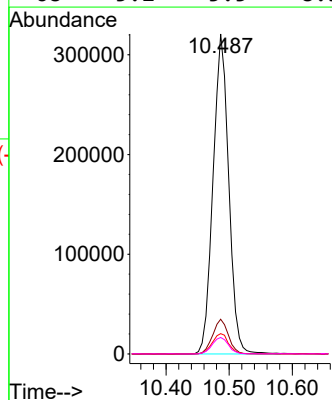
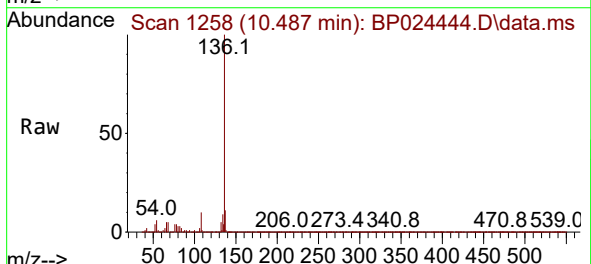
Instrument :
BNA_P
ClientSampleId :
COMP-1

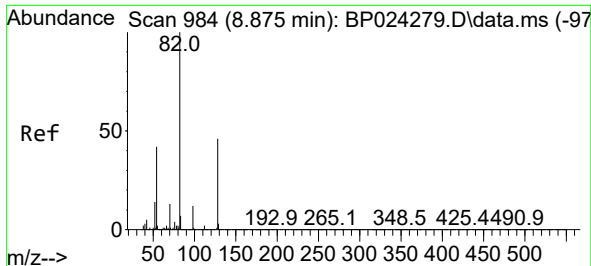
Tgt Ion: 99 Resp: 1370326
Ion Ratio Lower Upper
99 100
42 15.5 10.6 16.0
71 33.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

Tgt Ion: 136 Resp: 551759
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.3 6.0 9.0
68 5.2 5.5 8.3

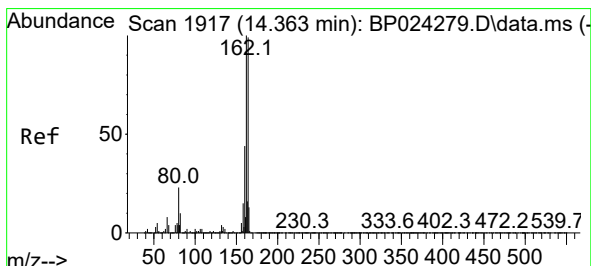
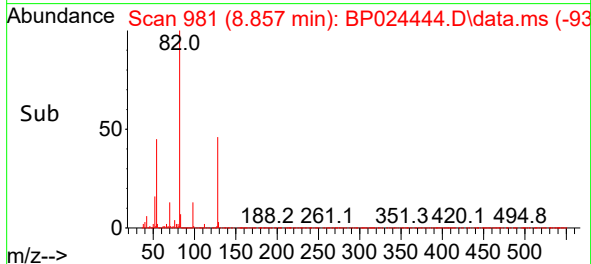
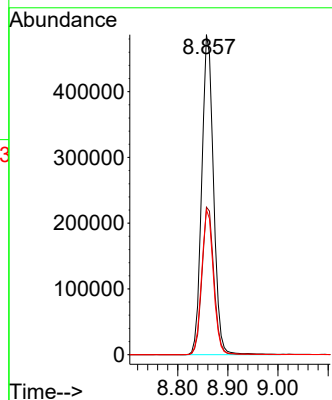
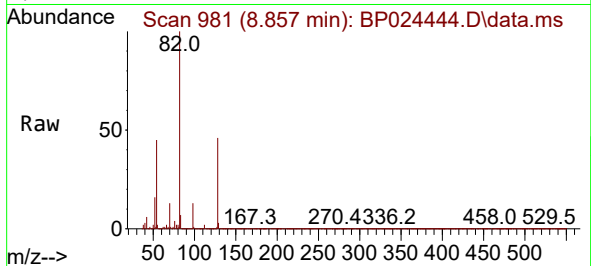




#23
 Nitrobenzene-d5
 Concen: 82.161 ng
 RT: 8.857 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024444.D
 Acq: 28 Apr 2025 19:45

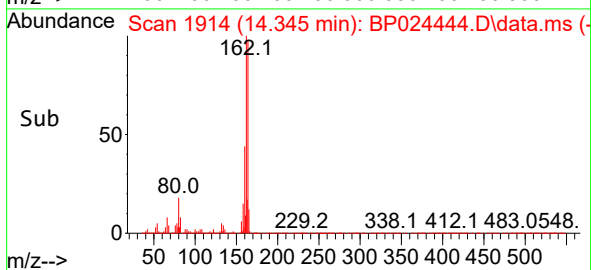
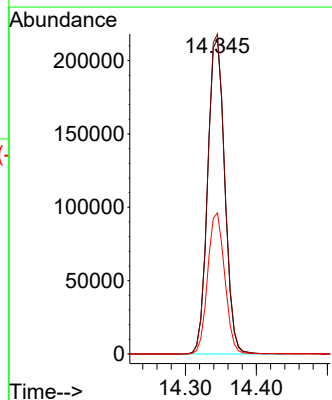
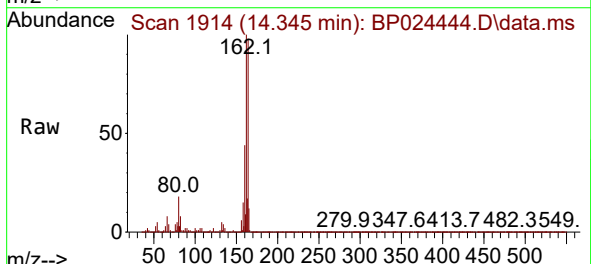
Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

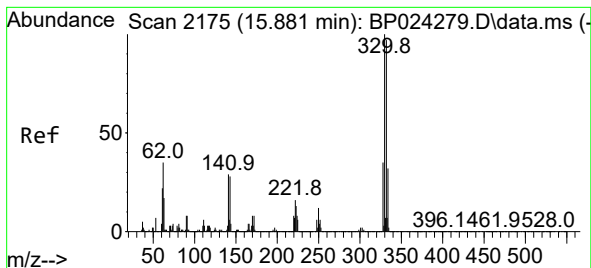
Tgt Ion: 82 Resp: 795017
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 45.3 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024444.D
 Acq: 28 Apr 2025 19:45

Tgt Ion: 164 Resp: 358788
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 187.568 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024444.D

Acq: 28 Apr 2025 19:45

Instrument :

BNA_P

ClientSampleId :

COMP-1

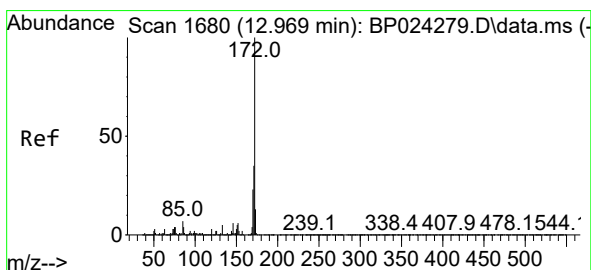
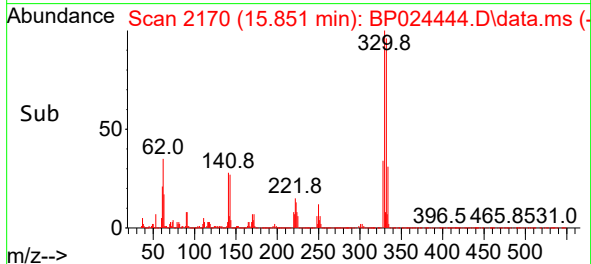
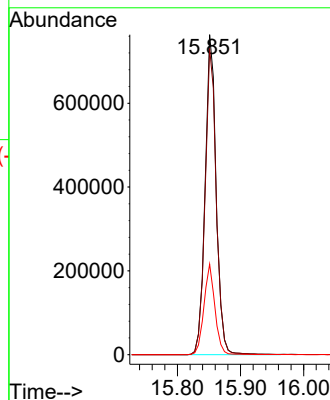
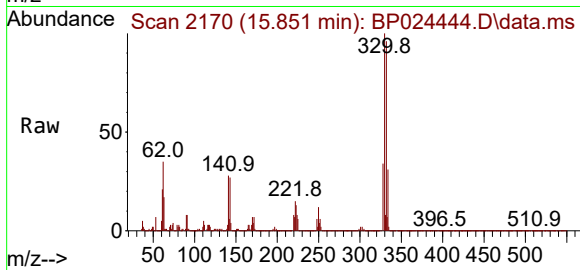
Tgt Ion:330 Resp: 931093

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 87.491 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024444.D

Acq: 28 Apr 2025 19:45

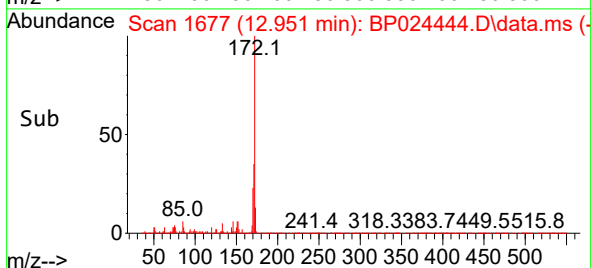
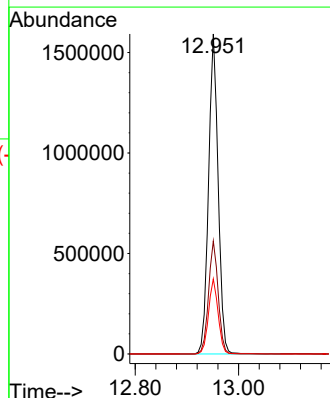
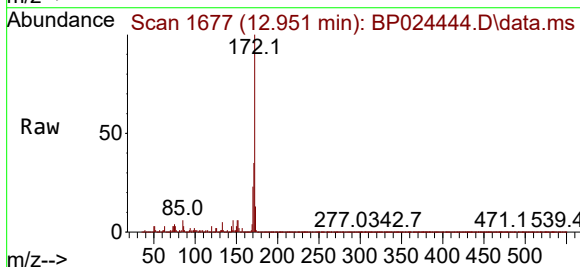
Tgt Ion:172 Resp: 2050200

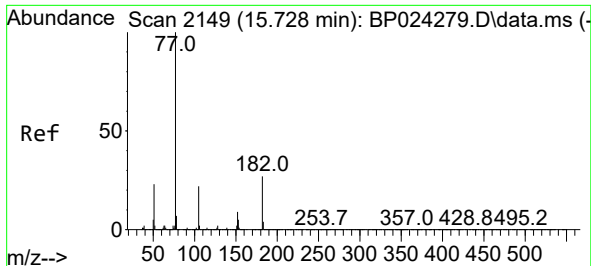
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8

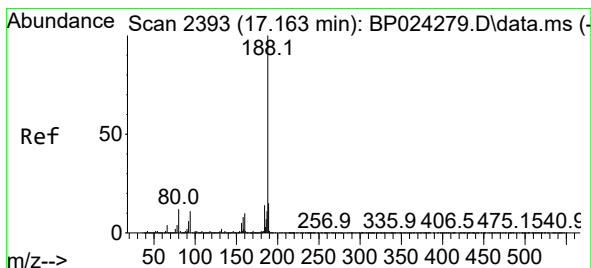
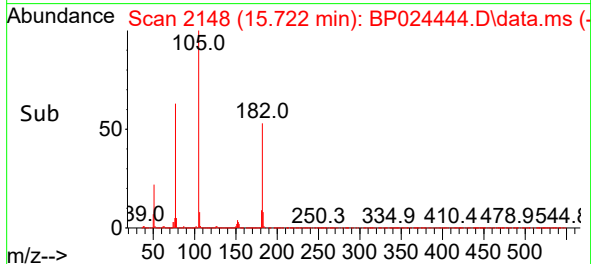
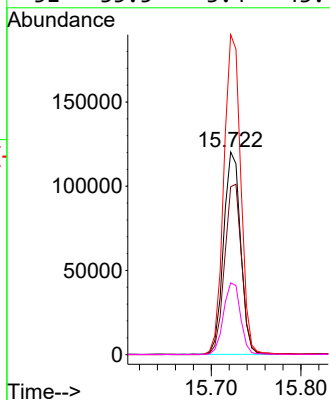
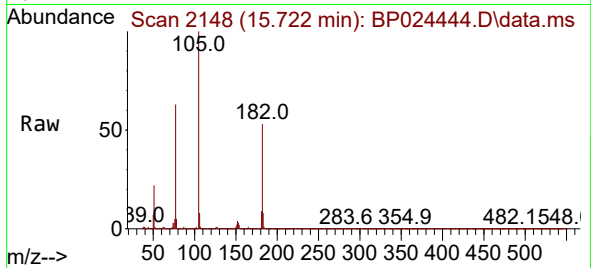




#63
Azobenzene
Concen: 6.410 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

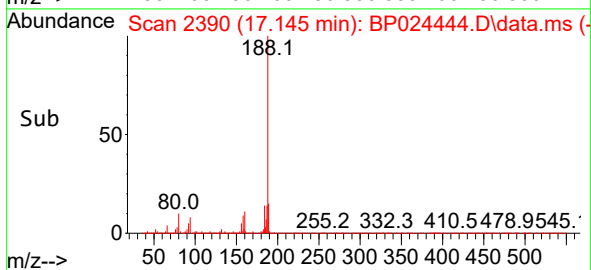
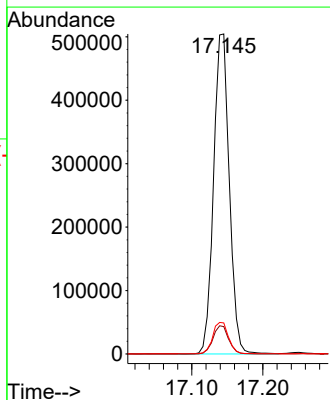
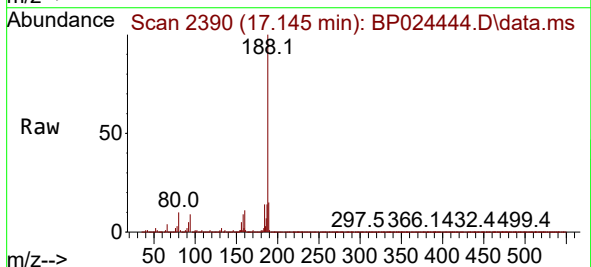
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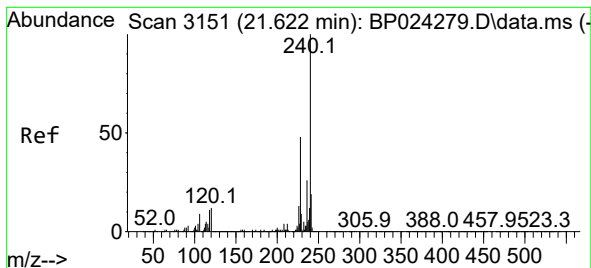
Tgt Ion: 77 Resp: 158420
Ion Ratio Lower Upper
77 100
182 82.9 7.3 47.3#
105 157.9 2.3 42.3#
51 35.5 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP024444.D
Acq: 28 Apr 2025 19:45

Tgt Ion: 188 Resp: 772266
Ion Ratio Lower Upper
188 100
94 8.5 8.6 13.0#
80 9.7 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024444.D

Acq: 28 Apr 2025 19:45

Instrument :

BNA_P

ClientSampleId :

COMP-1

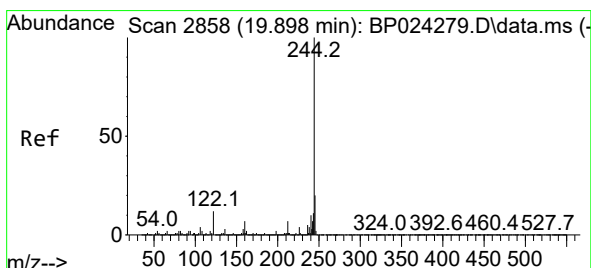
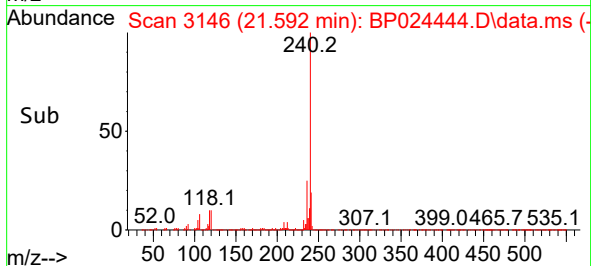
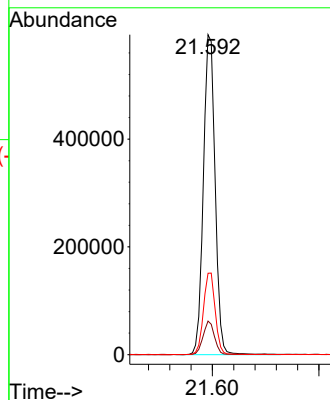
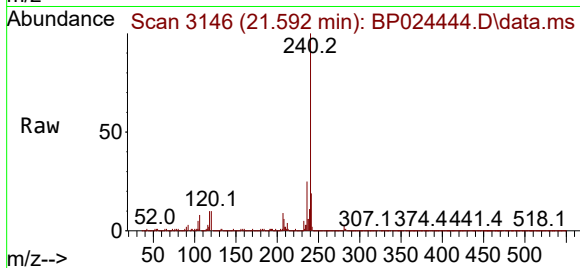
Tgt Ion:240 Resp: 905412

Ion Ratio Lower Upper

240 100

120 10.5 9.8 14.8

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 88.786 ng

RT: 19.868 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024444.D

Acq: 28 Apr 2025 19:45

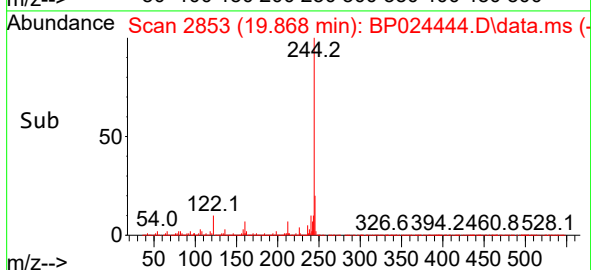
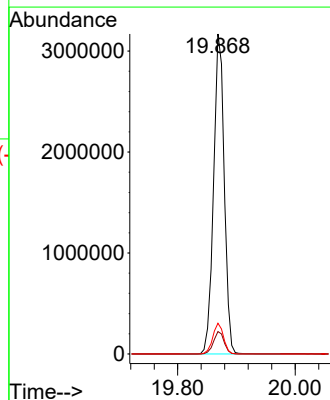
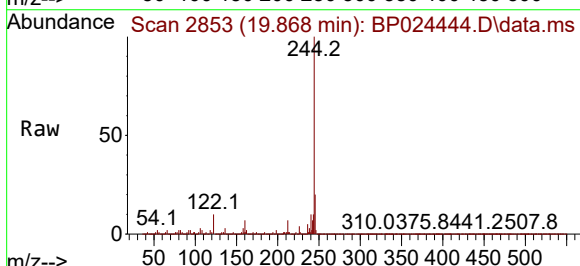
Tgt Ion:244 Resp: 3988196

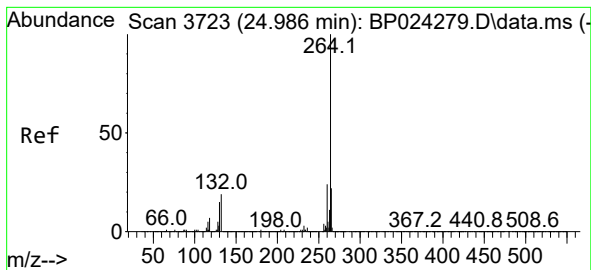
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024444.D

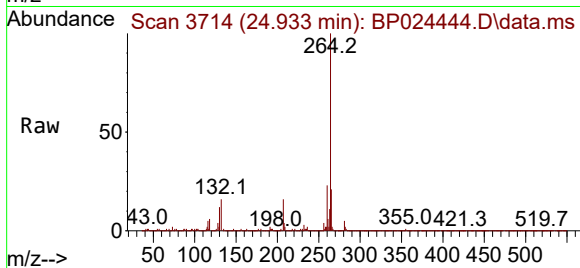
Acq: 28 Apr 2025 19:45

Instrument :

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Tgt Ion:264 Resp: 980284

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.4 17.8 26.6

