

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024441.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : Q1889-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Apr 28 19:18:00 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)

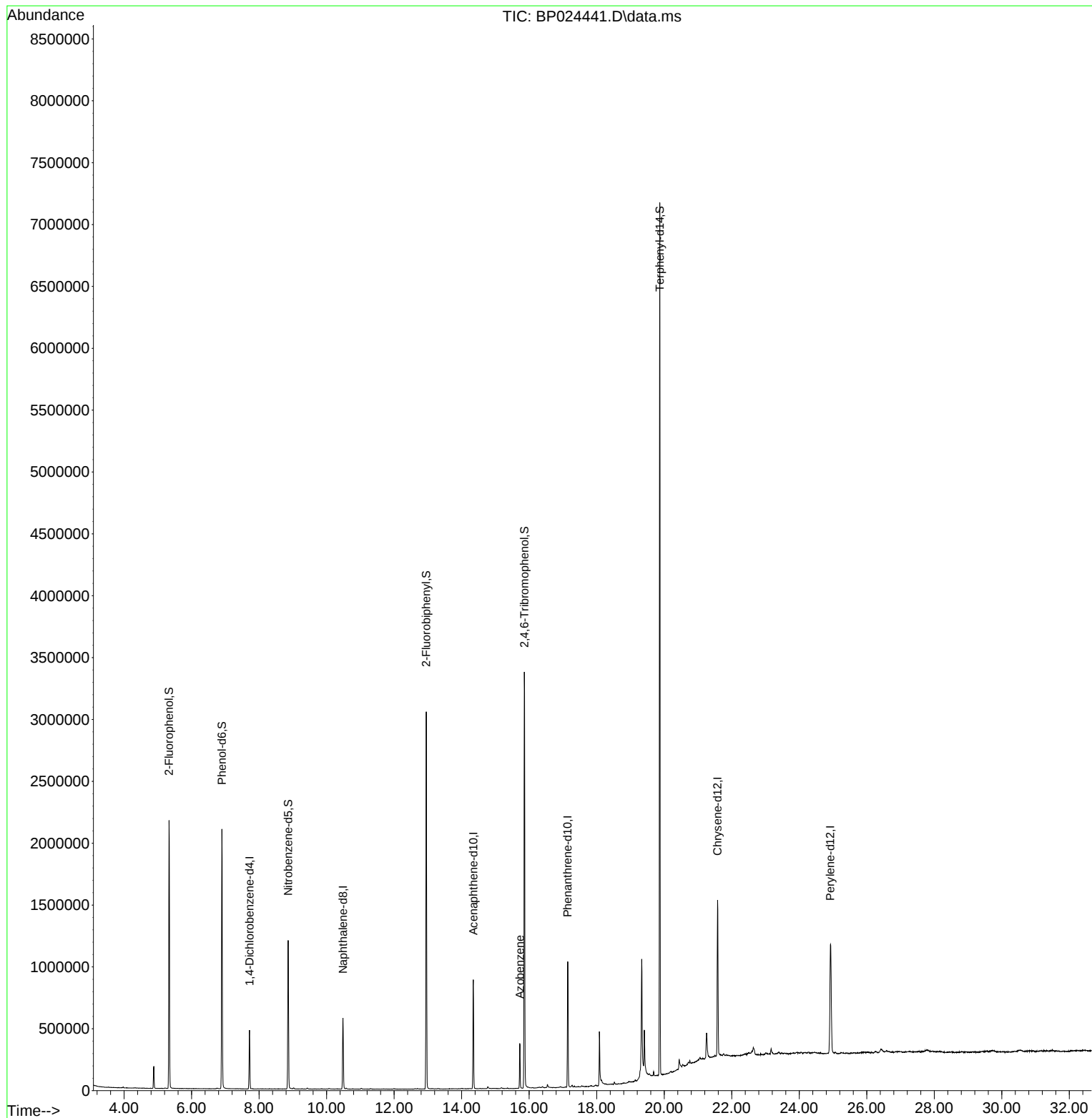
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	128029	20.000	ng	0.00
21) Naphthalene-d8	10.486	136	497170	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	310490	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	649943	20.000	ng	0.00
76) Chrysene-d12	21.580	240	794953	20.000	ng	-0.01
86) Perylene-d12	24.921	264	974820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	941701	121.618	ng	-0.01
7) Phenol-d6	6.898	99	1202777	113.443	ng	-0.01
23) Nitrobenzene-d5	8.863	82	703178	80.649	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	744465	173.301	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1528619	75.380	ng	-0.01
79) Terphenyl-d14	19.868	244	3230557	81.912	ng	0.00
Target Compounds						
63) Azobenzene	15.721	77	99453	4.650	ng	Qvalue # 1

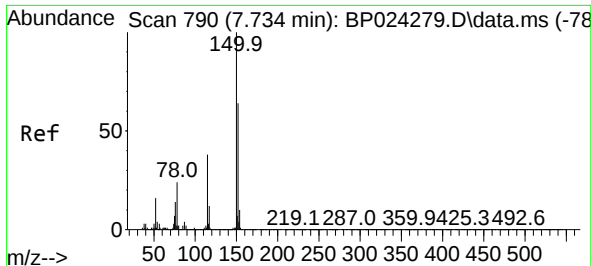
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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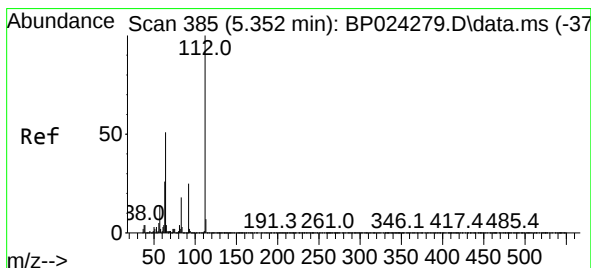
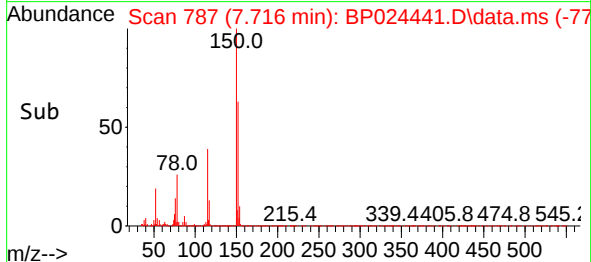
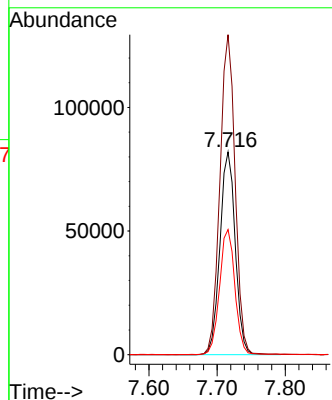
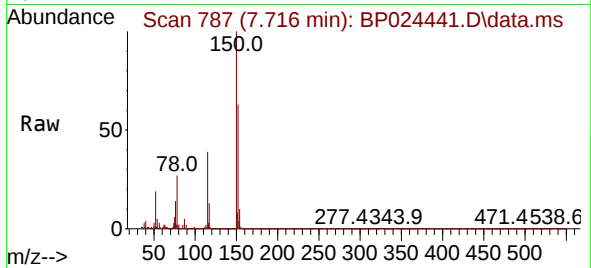




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024441.D
 Acq: 28 Apr 2025 17:43

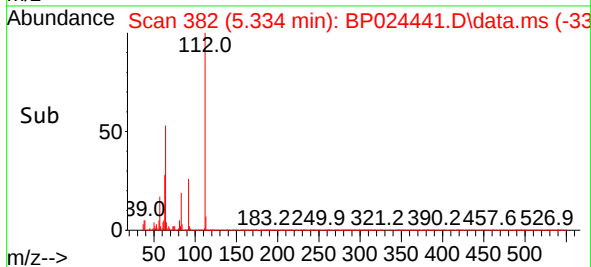
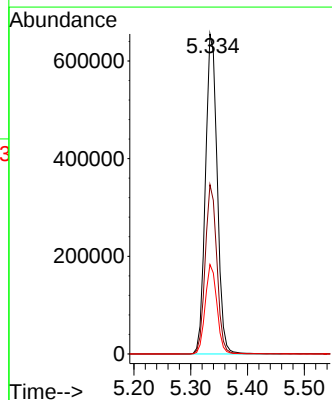
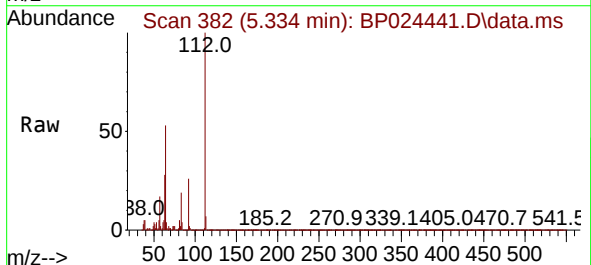
Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

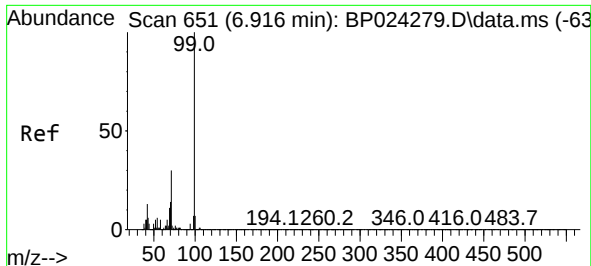
Tgt Ion:152 Resp: 128029
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.9 187.3
 115 61.7 47.7 71.5



#5
 2-Fluorophenol
 Concen: 121.618 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024441.D
 Acq: 28 Apr 2025 17:43

Tgt Ion:112 Resp: 941701
 Ion Ratio Lower Upper
 112 100
 64 52.9 41.1 61.7
 63 27.9 20.6 30.8

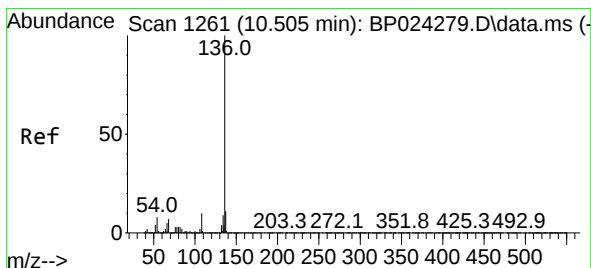
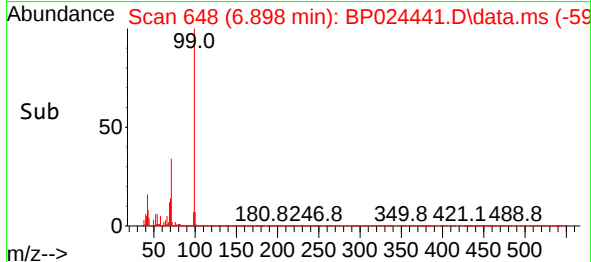
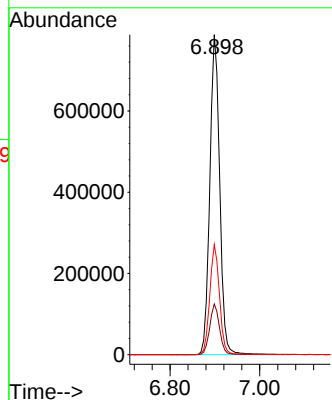
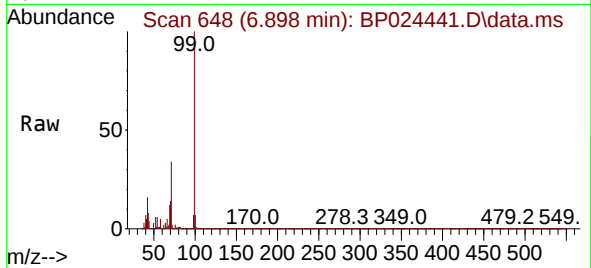




#7
Phenol-d6
Concen: 113.443 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

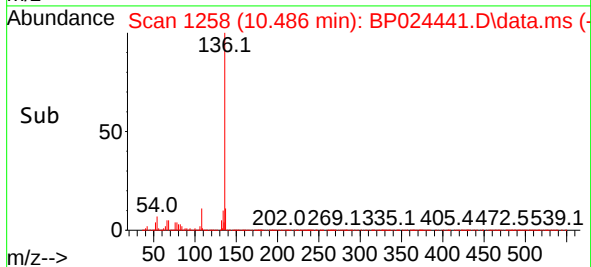
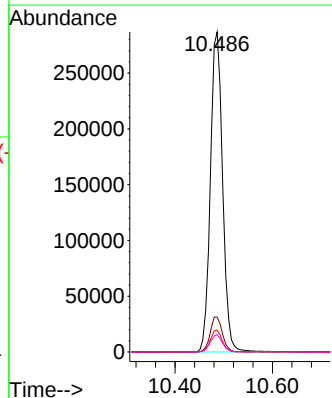
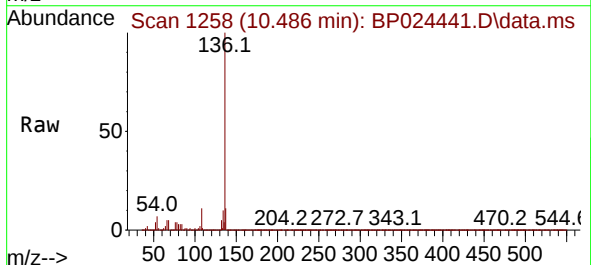
Instrument :
BNA_P
ClientSampleId :
COMP-1

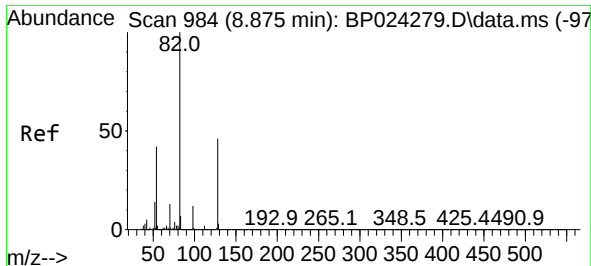
Tgt Ion: 99 Resp: 1202777
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 34.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.486 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

Tgt Ion:136 Resp: 497170
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.8 6.0 9.0
68 5.5 5.5 8.3#

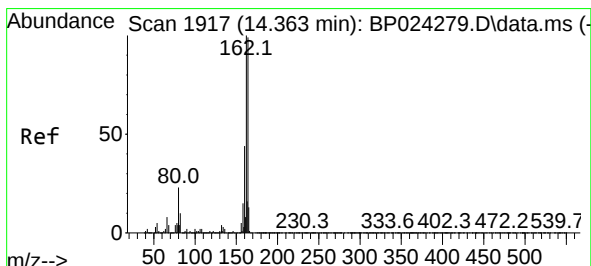
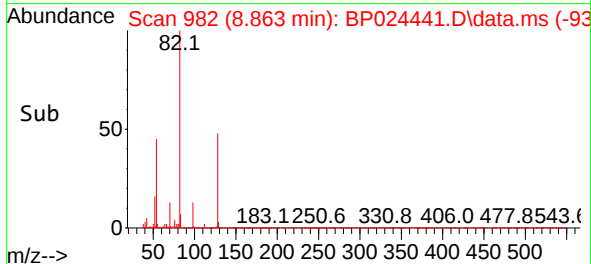
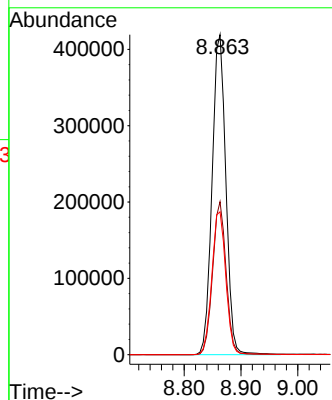
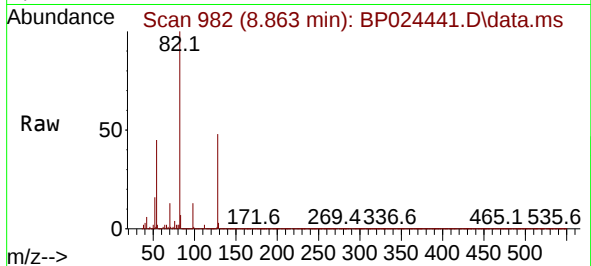




#23
Nitrobenzene-d5
Concen: 80.649 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

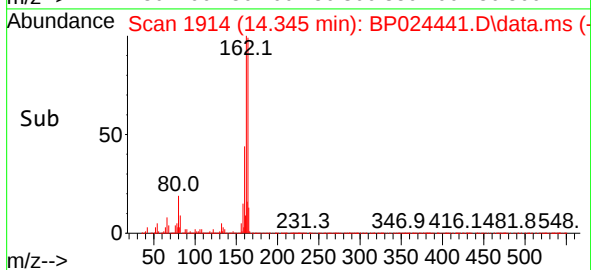
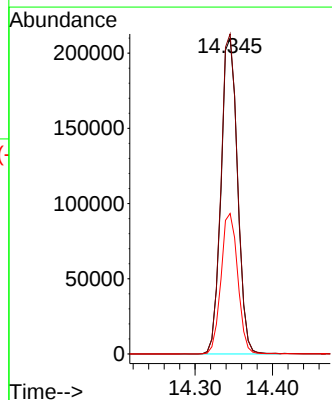
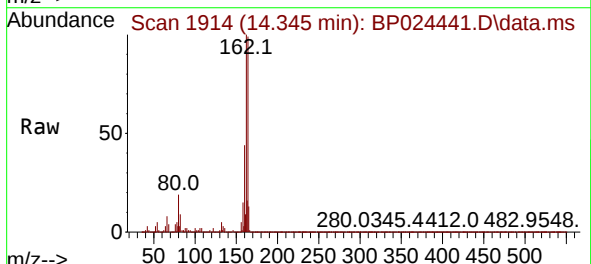
Instrument :
BNA_P
ClientSampleId :
COMP-1

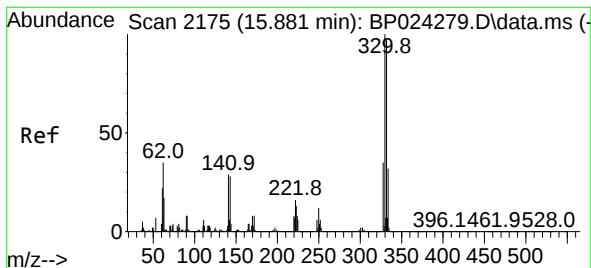
Tgt Ion: 82 Resp: 703178
Ion Ratio Lower Upper
82 100
128 47.8 36.5 54.7
54 44.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

Tgt Ion:164 Resp: 310490
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 173.301 ng

RT: 15.863 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BP024441.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_P

ClientSampleId :

COMP-1

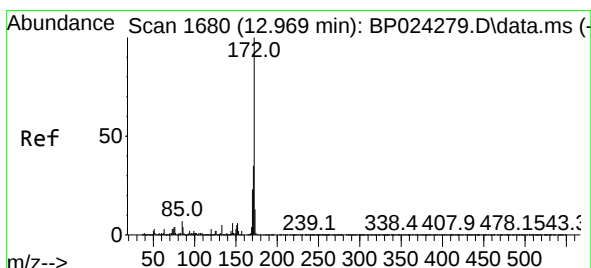
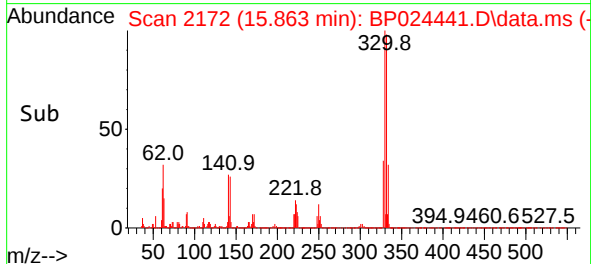
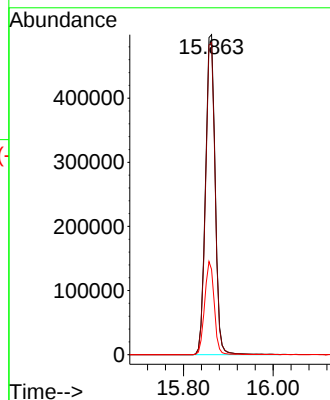
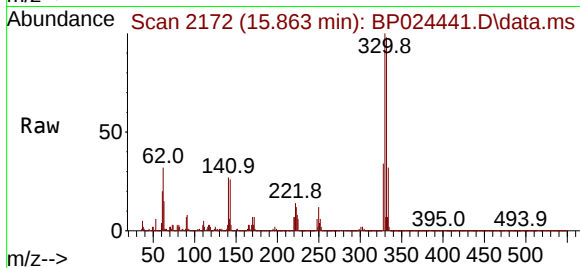
Tgt Ion:330 Resp: 744465

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 75.380 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024441.D

Acq: 28 Apr 2025 17:43

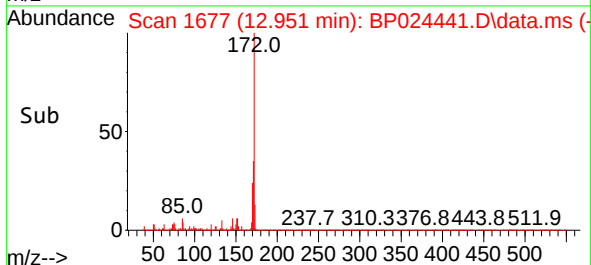
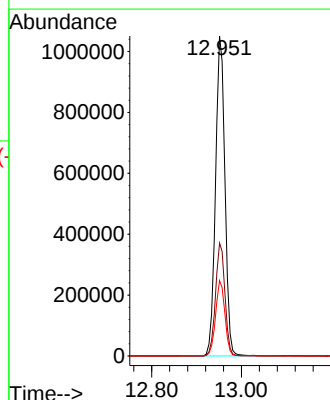
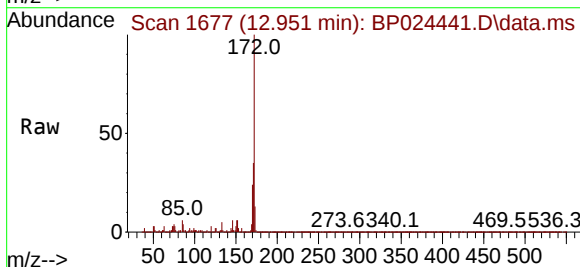
Tgt Ion:172 Resp: 1528619

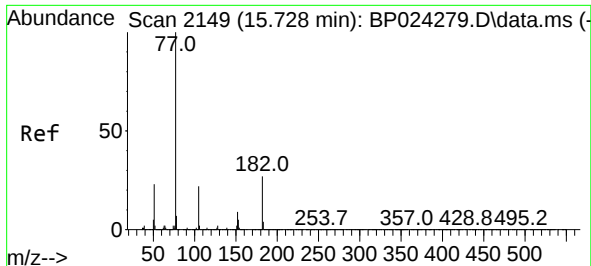
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 18.6 27.8

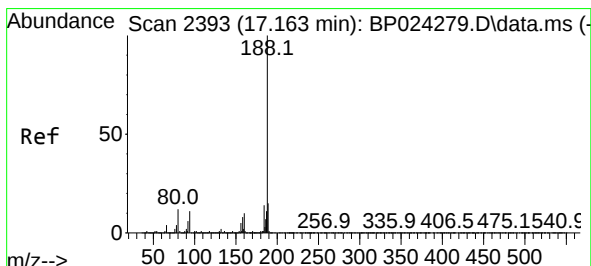
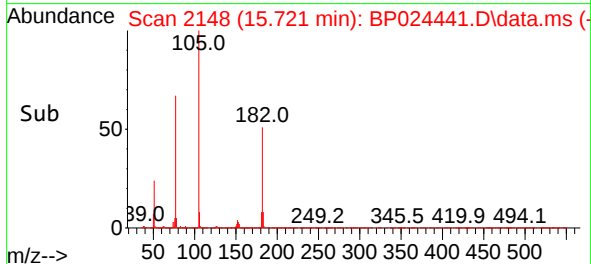
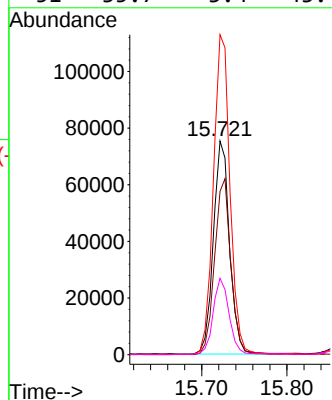
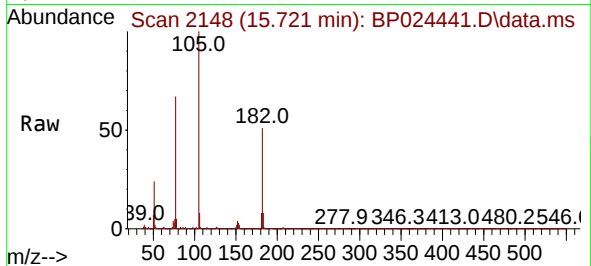




#63
Azobenzene
Concen: 4.650 ng
RT: 15.721 min Scan# 2149
Delta R.T. 0.011 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

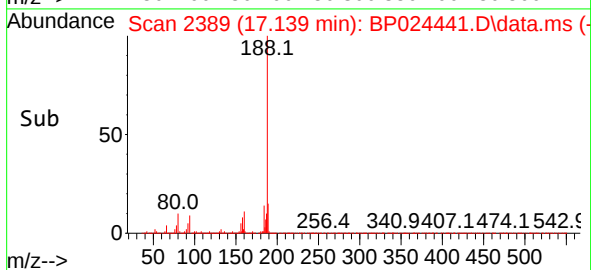
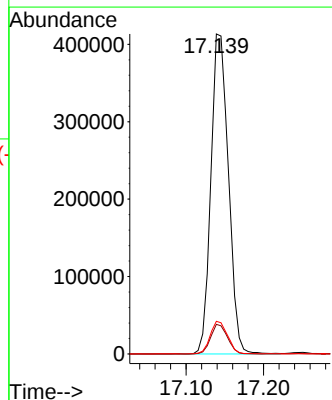
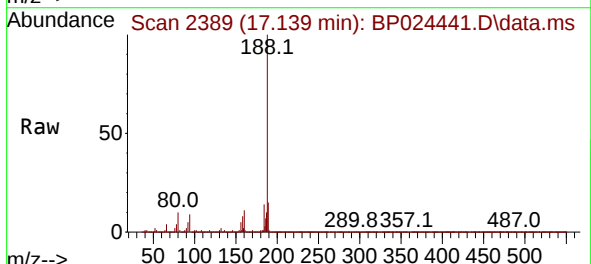
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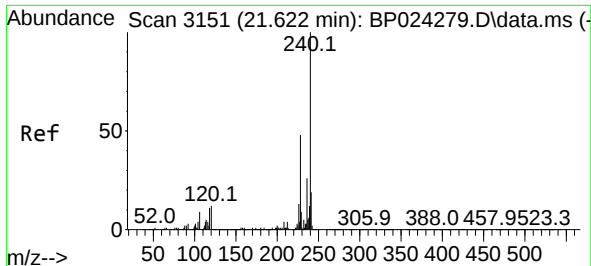
Tgt Ion: 77	Resp: 99453
Ion Ratio	Lower Upper
77 100	
182 76.5	7.3 47.3#
105 149.8	2.3 42.3#
51 35.7	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 188	Resp: 649943
Ion Ratio	Lower Upper
188 100	
94 9.3	8.6 13.0
80 10.2	9.8 14.6

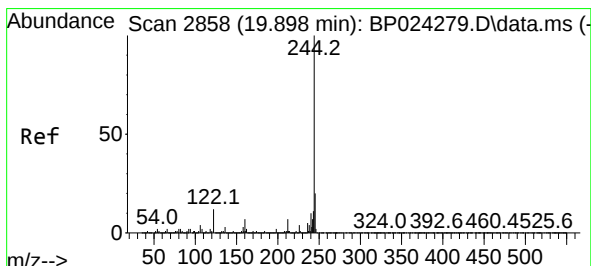
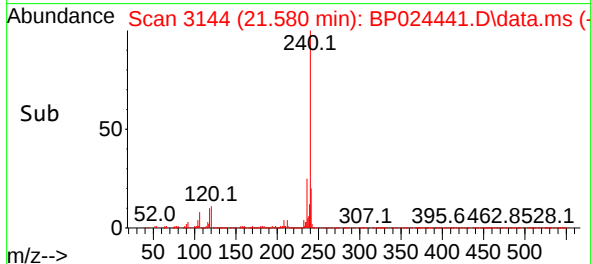
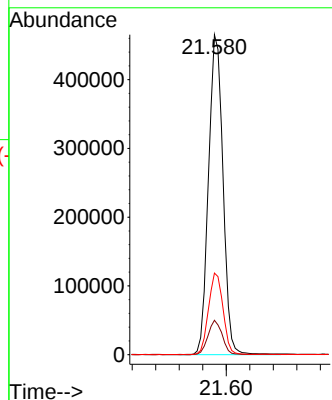
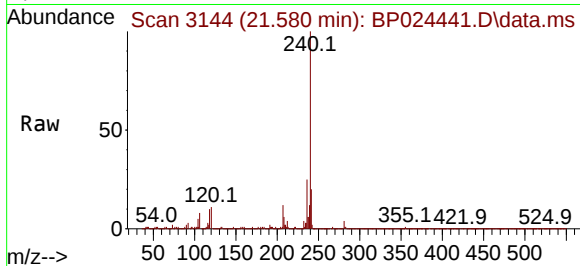




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

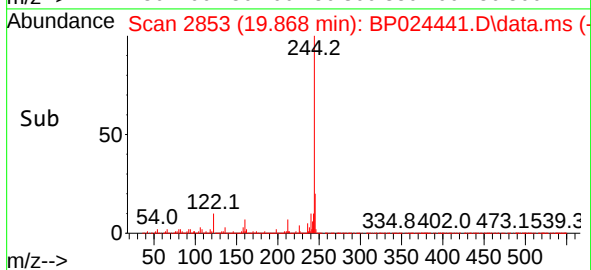
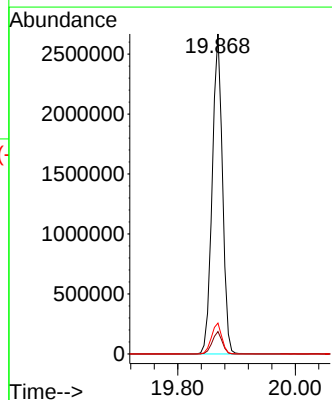
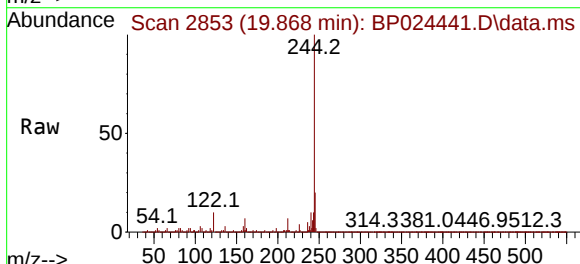
Instrument :
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ClientSampleId :
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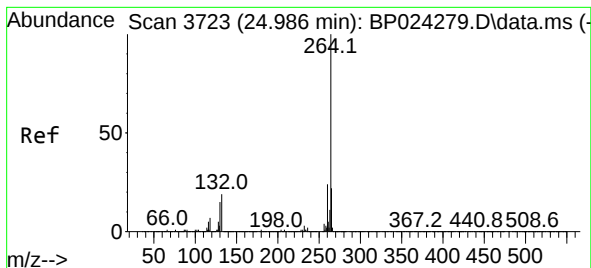
Tgt Ion:240 Resp: 794953
Ion Ratio Lower Upper
240 100
120 10.8 9.8 14.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 81.912 ng
RT: 19.868 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024441.D
Acq: 28 Apr 2025 17:43

Tgt Ion:244 Resp: 3230557
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.7 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024441.D

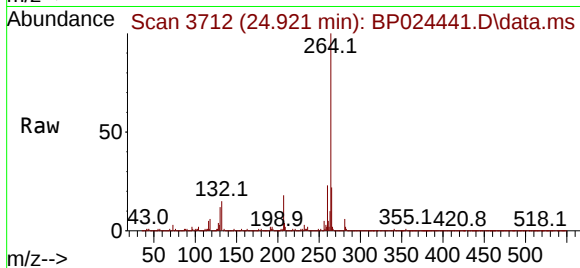
Acq: 28 Apr 2025 17:43

Instrument :

BNA_P

ClientSampleId :

COMP-1



Tgt Ion:264 Resp: 974820

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.9 17.8 26.6

